

Data Path : U:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084494.D
 Acq On : 15 Jan 2016 16:45
 Operator : SJ/UM
 Sample : PB87838BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 01:33:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 16 01:26:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	274063	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1160545	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	539293	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	939707	20.00	ng	0.01
75) Chrysene-d12	13.99	240	591798	20.00	ng	0.00
86) Perylene-d12	15.40	264	570348	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1889489	111.51	ng	0.01
7) Phenol-d6	6.48	99	2670338	125.48	ng	0.01
23) Nitrobenzene-d5	7.39	82	1565574	75.08	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	584071	107.27	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	2774573	90.95	ng	0.00
78) Terphenyl-d14	12.93	244	2304121	86.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	291164	36.28	ng	# 78
3) Pyridine	3.18	79	789274	35.27	ng	# 79
4) n-Nitrosodimethylamine	3.14	42	412964	35.95	ng	# 93
6) Aniline	6.49	93	241394	7.75	ng	# 1
8) 2-Chlorophenol	6.61	128	834944	43.43	ng	# 96
9) Benzaldehyde	6.36	77	117343	8.47	ng	# 95
10) Phenol	6.49	94	1075000	44.43	ng	# 85
11) bis(2-Chloroethyl)ether	6.57	93	828902	44.22	ng	# 93
12) 1,3-Dichlorobenzene	6.84	146	858493	43.29	ng	# 97
13) 1,4-Dichlorobenzene	6.84	146	858493	43.17	ng	# 94
14) 1,2-Dichlorobenzene	6.99	146	715362	37.56	ng	# 95
15) Benzyl Alcohol	6.97	79	620409	34.66	ng	# 93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1271942	37.27	ng	# 88
17) 2-Methylphenol	7.09	107	702734	43.62	ng	# 96
18) Hexachloroethane	7.33	117	317321	39.90	ng	# 93
19) n-Nitroso-di-n-propylamine	7.24	70	524086	36.38	ng	# 74
20) 3+4-Methylphenols	7.24	107	808520	42.69	ng	# 59
22) Acetophenone	7.24	105	1099899	39.41	ng	# 93
24) Nitrobenzene	7.41	77	920839	43.54	ng	# 94
25) Isophorone	7.65	82	1590674	39.89	ng	# 97
26) 2-Nitrophenol	7.72	139	437028	45.40	ng	# 78
27) 2,4-Dimethylphenol	7.78	122	766291	39.33	ng	# 87
28) bis(2-Chloroethoxy)methane	7.87	93	983966	40.39	ng	# 96
29) 2,4-Dichlorophenol	7.97	162	667793	41.15	ng	# 99
30) 1,2,4-Trichlorobenzene	8.05	180	705483	42.11	ng	# 96
31) Naphthalene	8.13	128	2188166	41.56	ng	# 98
32) Benzoic acid	7.90	122	453997	37.75	ng	# 97
33) 4-Chloroaniline	8.18	127	108110	4.48	ng	# 96
34) Hexachlorobutadiene	8.25	225	373408	38.77	ng	# 98
35) Caprolactam	8.56	113	152642	27.90	ng	# 54
36) 4-Chloro-3-methylphenol	8.68	107	756081	41.59	ng	# 98
37) 2-Methylnaphthalene	8.83	142	1553910	41.11	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	591781	38.17	ng	# 98
40) Hexachlorocyclopentadiene	8.98	237	578206	61.78	ng	# 98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	442533	38.15	nq	97
43) 2,4,5-Trichlorophenol	9.16	196	449976	40.47	nq	# 91
45) 1,1'-Biphenyl	9.29	154	1666937	38.89	nq	98
46) 2-Chloronaphthalene	9.31	162	1296528	38.51	nq	96
47) 2-Nitroaniline	9.41	65	453842	40.84	nq	95
48) Acenaphthylene	9.73	152	2151297	43.25	nq	98
49) Dimethylphthalate	9.60	163	1518856	39.40	nq	# 89
50) 2,6-Dinitrotoluene	9.65	165	341948	40.44	nq	# 50
51) Acenaphthene	9.90	154	1598144	47.90	nq	96
52) 3-Nitroaniline	9.82	138	84399	8.05	nq	# 78
53) 2,4-Dinitrophenol	9.94	184	406215	111.32	nq	# 72
54) Dibenzofuran	10.08	168	1841894	42.46	nq	94
55) 4-Nitrophenol	10.01	139	675373	88.80	nq	88
56) 2,4-Dinitrotoluene	10.06	165	532675	49.77	nq	89
57) Fluorene	10.42	166	1469087	43.91	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	377325	39.75	nq	87
59) Diethylphthalate	10.29	149	1577273	41.49	nq	99
60) 4-Chlorophenyl-phenylether	10.41	204	607036	42.64	nq	95
61) 4-Nitroaniline	10.44	138	355875	38.10	nq	88
62) Azobenzene	10.57	77	1621445	38.89	nq	90
64) 4,6-Dinitro-2-methylphenol	10.46	198	249373	43.53	nq	# 66
65) n-Nitrosodiphenylamine	10.53	169	1325287	44.11	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	439924	43.49	nq	# 87
67) Hexachlorobenzene	10.97	284	474730	41.70	nq	# 86
68) Atrazine	11.06	200	353371	35.94	nq	98
69) Pentachlorophenol	11.16	266	463424	78.51	nq	98
70) Phenanthrene	11.38	178	2199123	44.74	nq	95
71) Anthracene	11.42	178	1916923	39.78	nq	97
72) Carbazole	11.58	167	1824884	38.74	nq	98
73) Di-n-butylphthalate	11.92	149	2245631	44.80	nq	# 96
74) Fluoranthene	12.57	202	2118650	41.26	nq	94
76) Benzidine	12.68	184	254327	11.99	nq	96
77) Pyrene	12.79	202	2027163	43.65	nq	98
79) Butylbenzylphthalate	13.41	149	925807	46.07	nq	91
80) Benzo(a)anthracene	13.97	228	1471385	42.34	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	263574	21.73	nq	# 95
82) Chrysene	14.02	228	1496110	44.81	nq	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	1103383	43.46	nq	98
84) Di-n-octyl phthalate	14.59	149	1961076	45.75	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.79	276	1523682	57.57	nq	98
87) Benzo(b)fluoranthene	15.00	252	1439077	38.57	nq	# 97
88) Benzo(k)fluoranthene	15.00	252	1439077	47.16	nq	99
89) Benzo(a)pyrene	15.35	252	1377208	43.52	nq	# 96
90) Dibenzo(a,h)anthracene	16.81	278	1283845	47.15	nq	97
91) Benzo(g,h,i)perylene	17.21	276	1289792	45.74	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

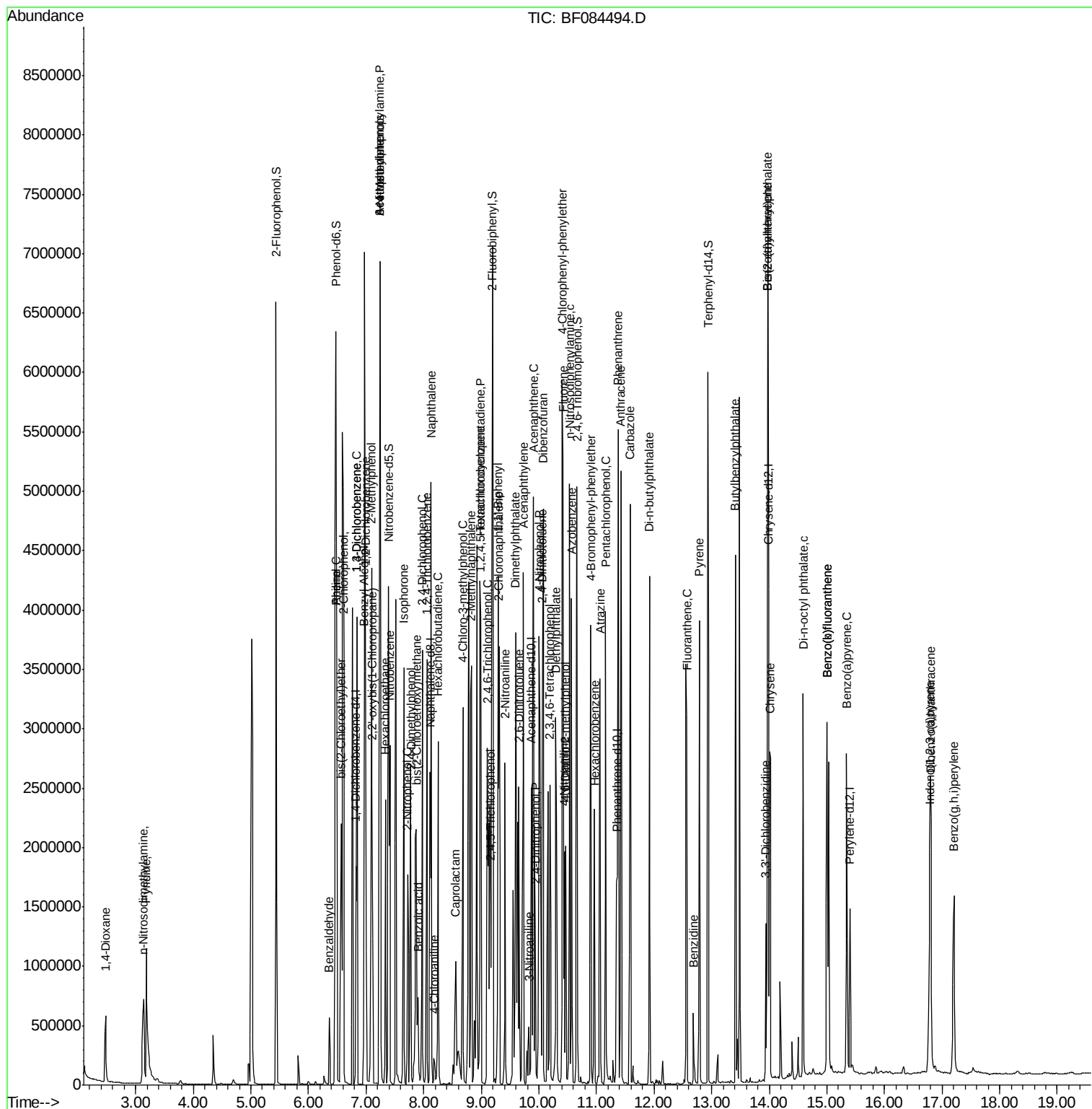
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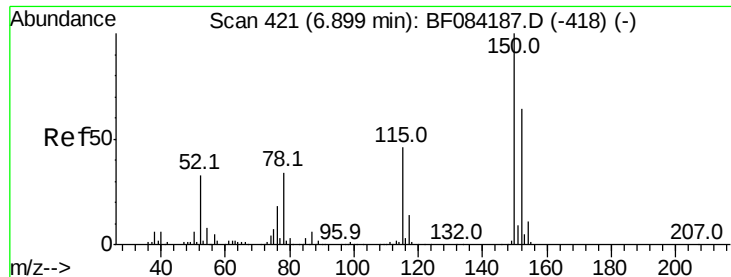
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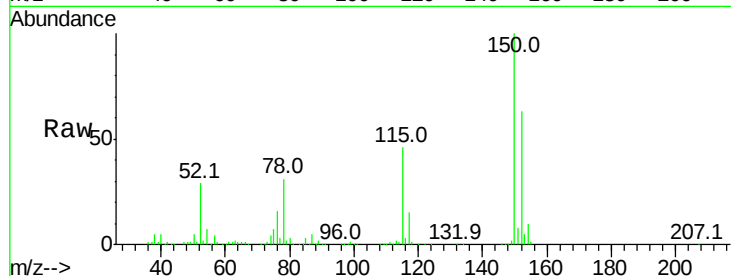


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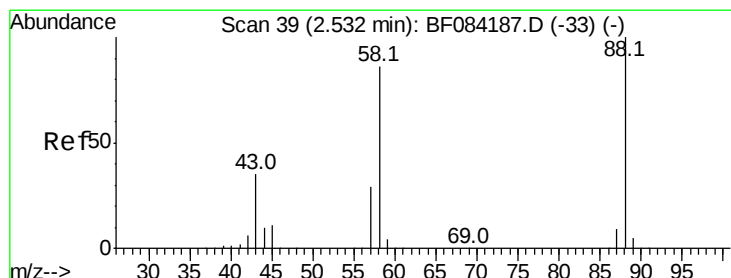
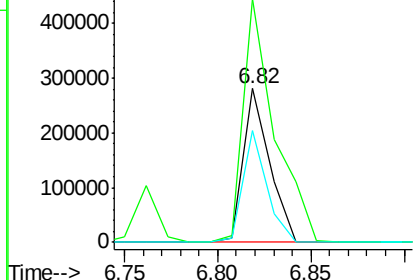
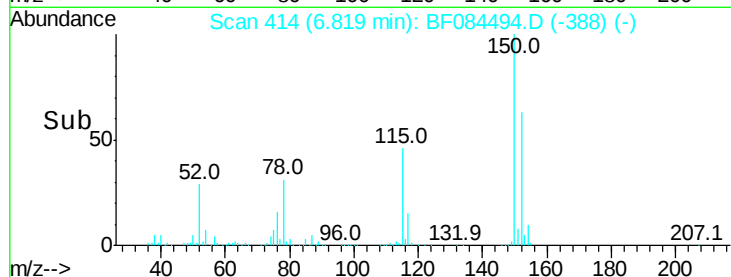
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 274063
Ion Ratio Lower Upper
152 100
150 158.5 123.0 184.4
115 72.4 51.4 77.2



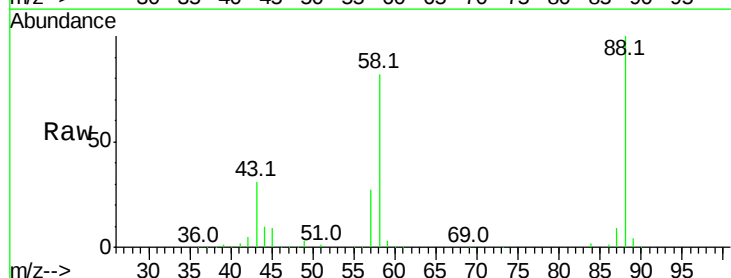
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



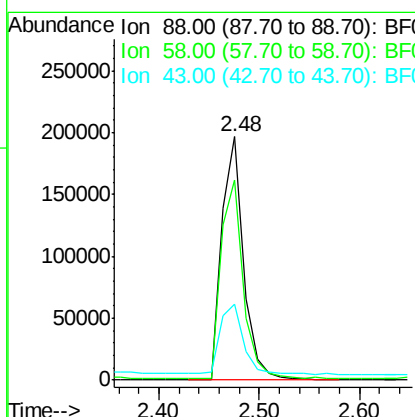
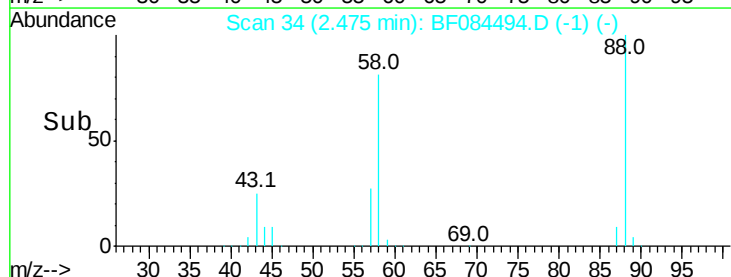
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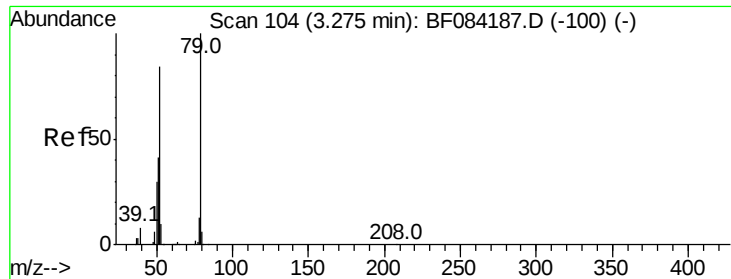
1,4-Dioxane
Concen: 36.28 ng
RT: 2.48 min Scan# 34
Delta R.T. 0.09 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Tgt Ion: 88 Resp: 291164
Ion Ratio Lower Upper
88 100
58 83.4 51.2 76.8#
43 32.4 19.5 29.3#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.27 ng

RT: 3.18 min Scan# 96

Delta R.T. 0.08 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

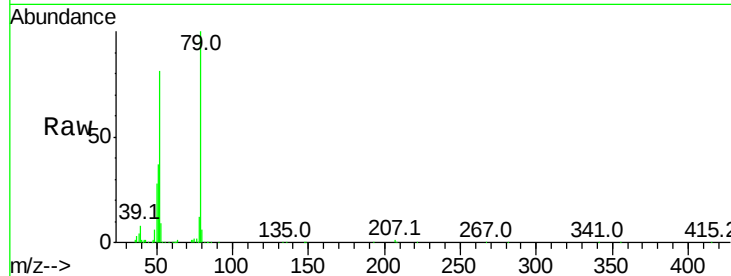
Tot Ion: 79 Resp: 789274

Ion Ratio Lower Upper

79 100

52 81.1 49.0 73.4#

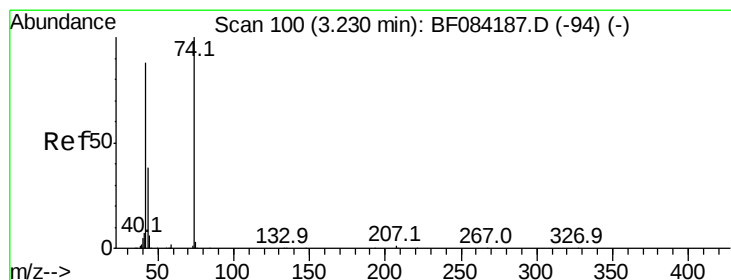
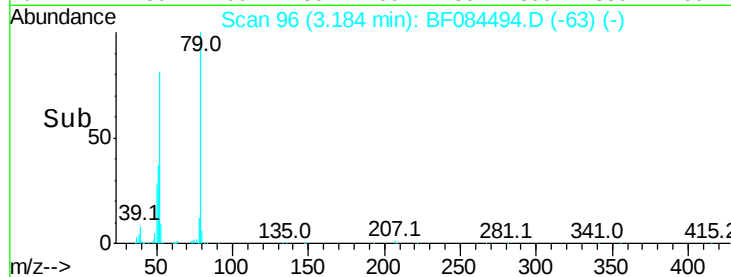
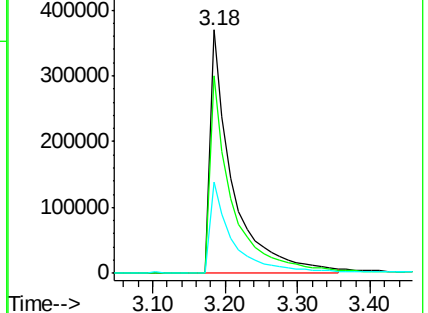
51 37.3 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.95 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.08 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

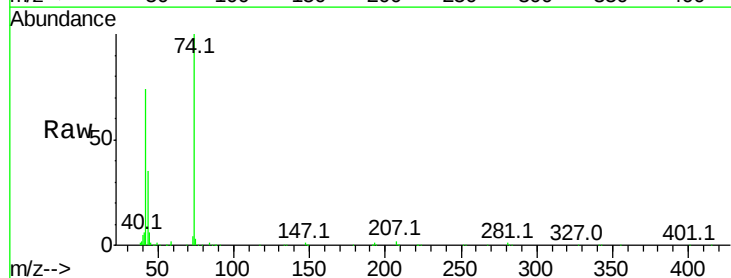
Tgt Ion: 42 Resp: 412964

Ion Ratio Lower Upper

42 100

74 135.2 115.7 173.5

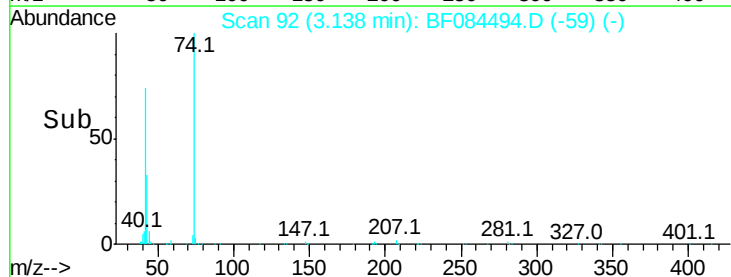
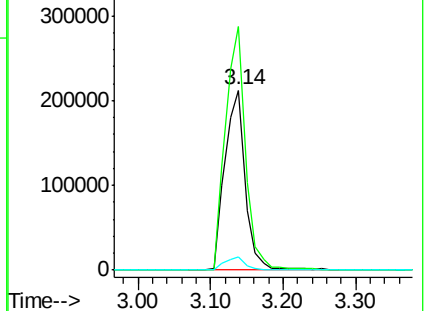
44 7.7 5.1 7.7

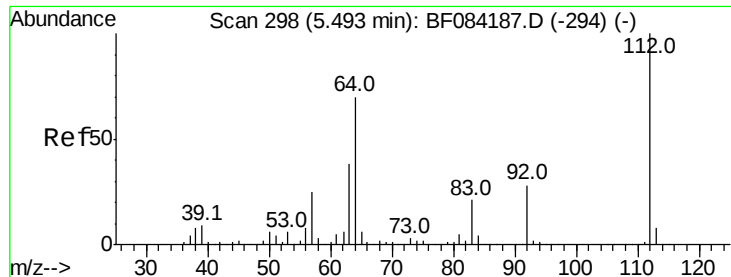


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 111.51 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

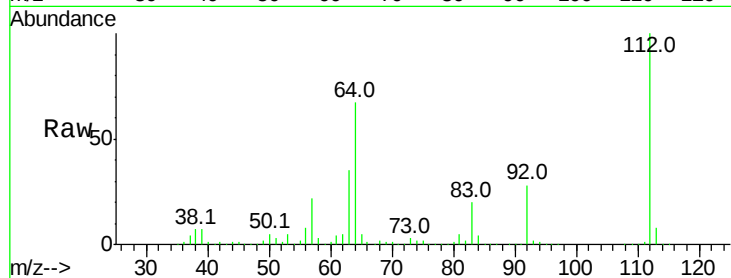
Tot Ion:112 Resp: 1889489

Ion Ratio Lower Upper

112 100

64 67.0 36.6 55.0#

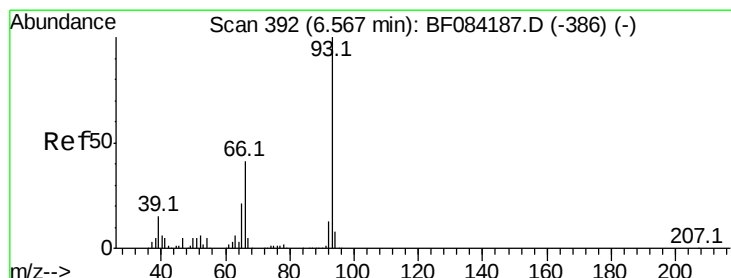
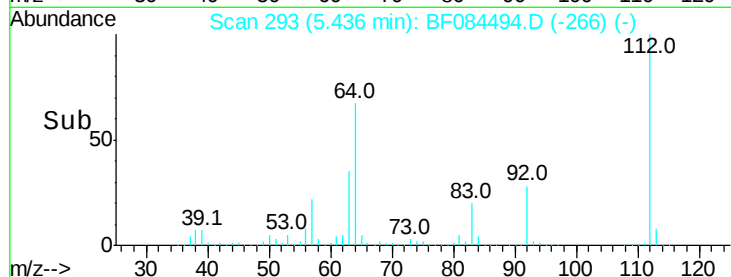
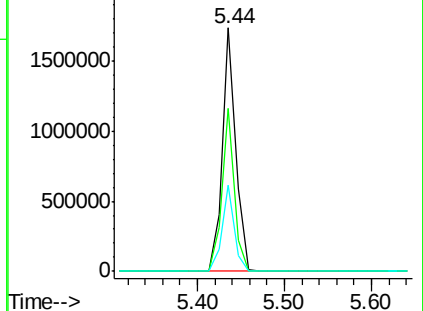
63 35.3 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 7.75 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

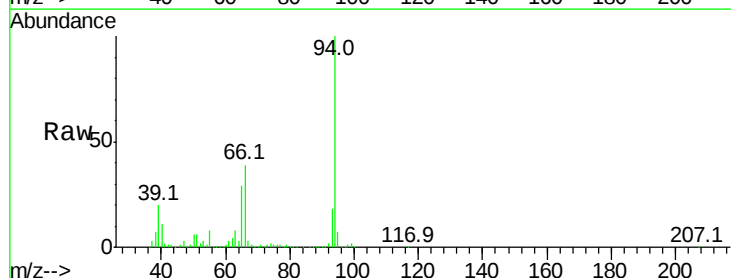
Tgt Ion: 93 Resp: 241394

Ion Ratio Lower Upper

93 100

66 218.6 44.9 67.3#

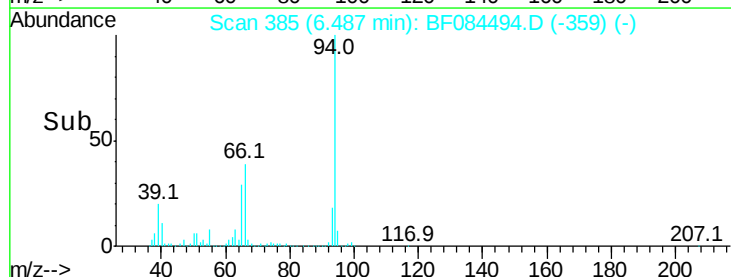
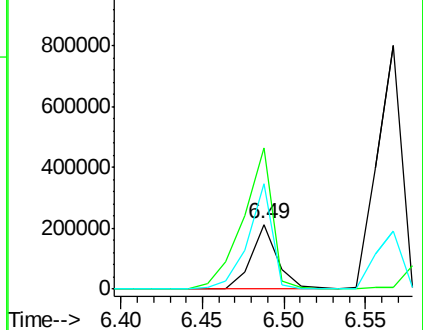
65 162.5 23.7 35.5#

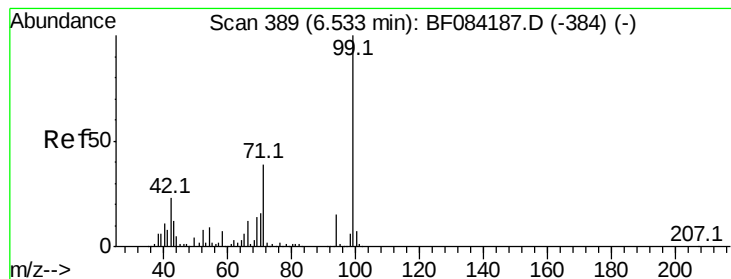


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.48 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Instrument :

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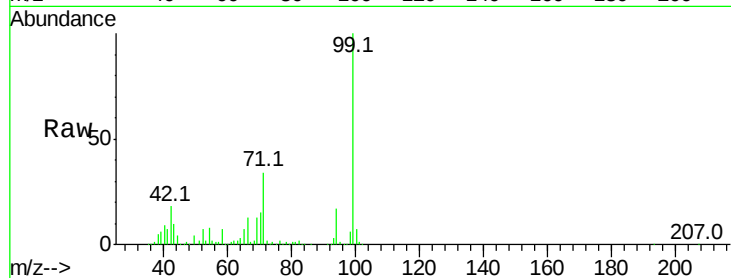
Tot Ion: 99 Resp: 2670338

Ion Ratio Lower Upper

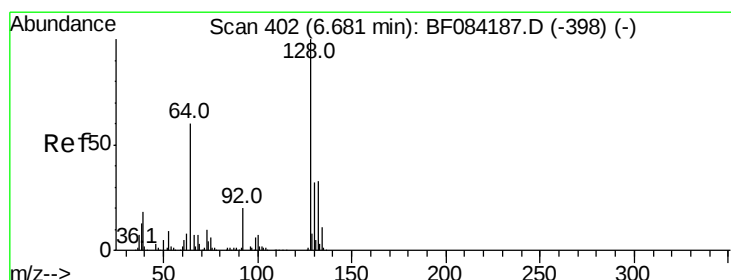
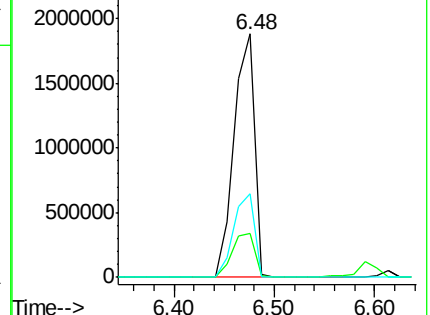
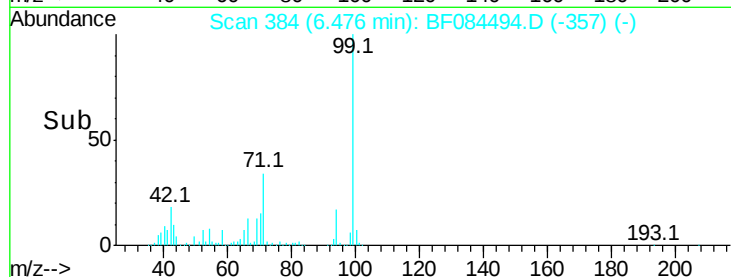
99 100

42 18.2 12.8 19.2

71 34.3 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.43 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

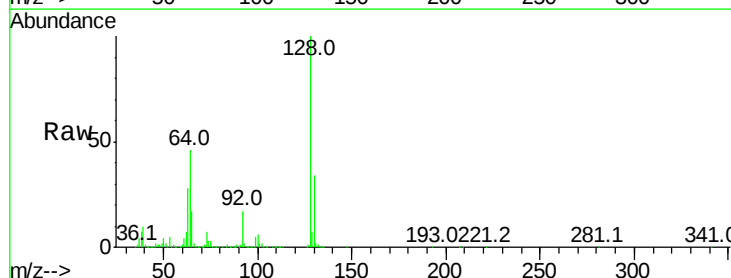
Tgt Ion: 128 Resp: 834944

Ion Ratio Lower Upper

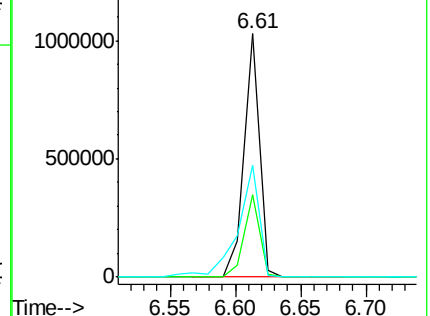
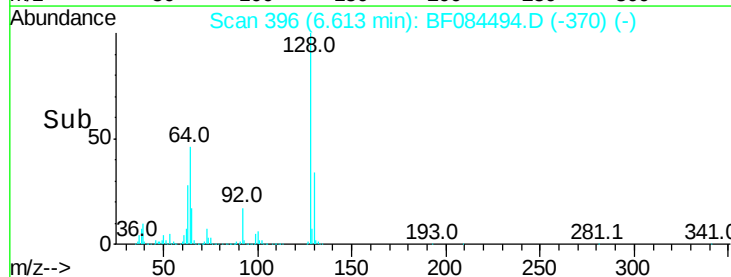
128 100

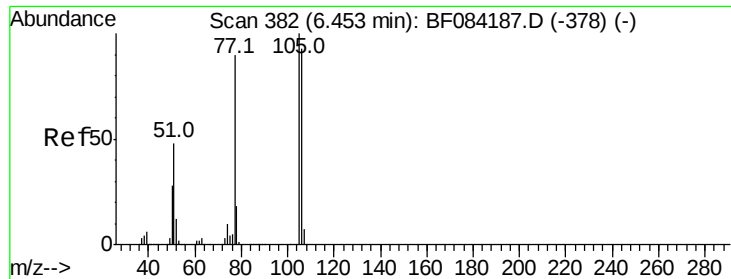
130 33.9 11.6 51.6

64 46.1 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.47 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

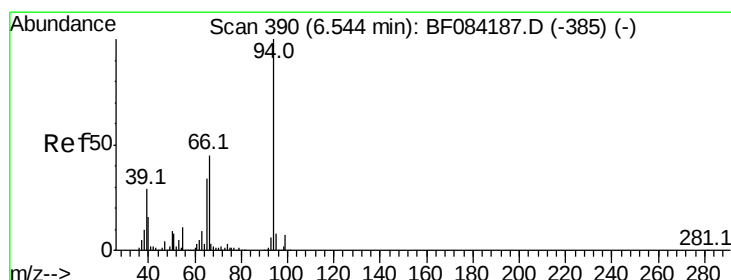
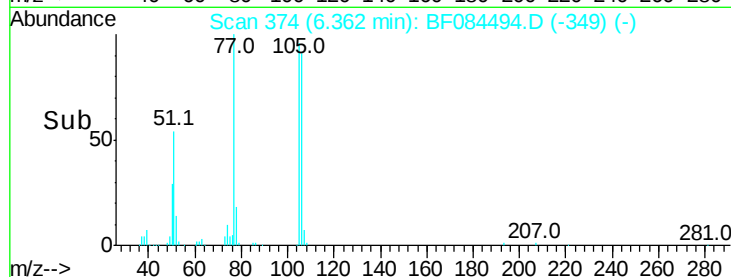
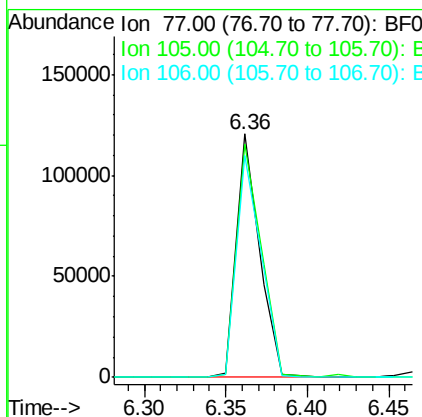
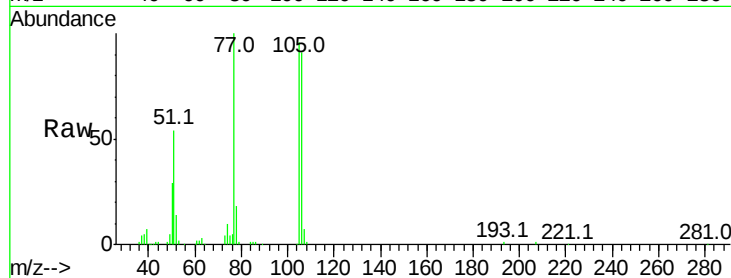
Tot Ion: 77 Resp: 117343

Ion Ratio Lower Upper

77 100

105 95.8 83.0 123.0

106 91.3 74.6 114.6



#10

Phenol

Concen: 44.43 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

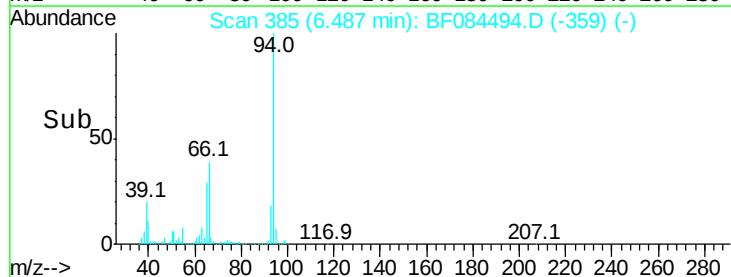
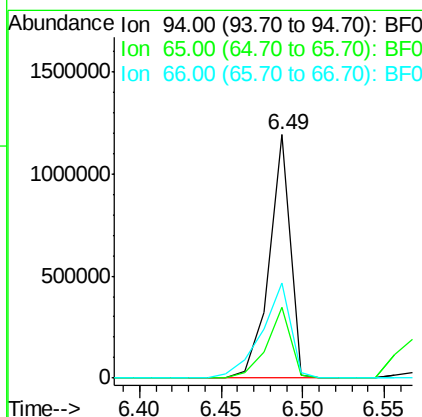
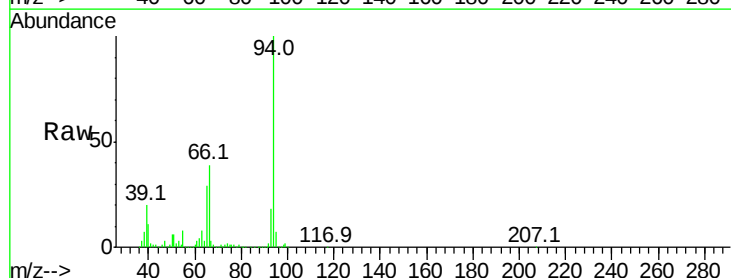
Tgt Ion: 94 Resp: 1075000

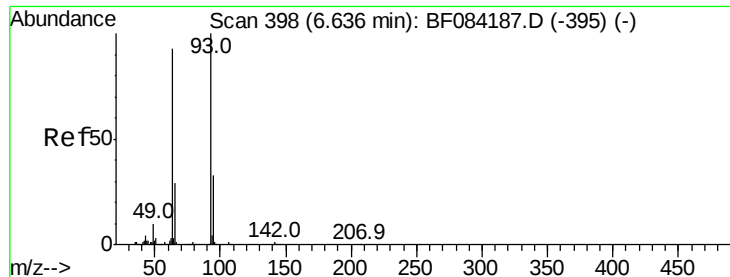
Ion Ratio Lower Upper

94 100

65 28.9 12.9 52.9

66 38.9 32.7 72.7

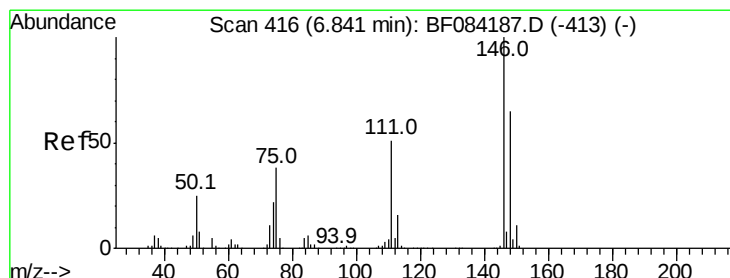
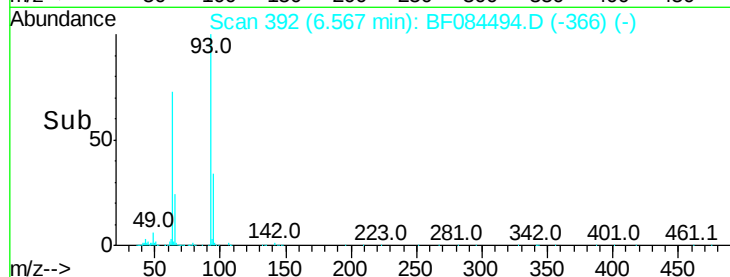
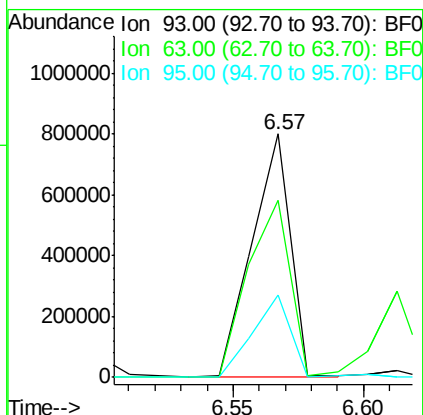
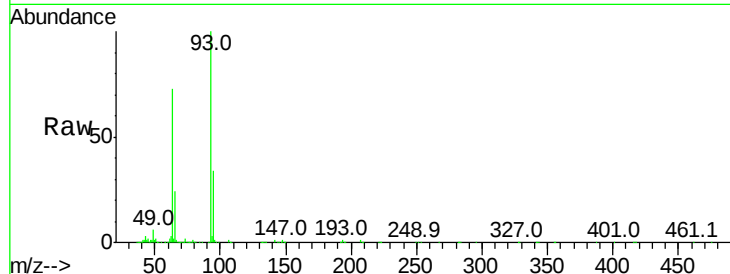




#11
bis(2-Chloroethyl)ether
Concen: 44.22 ng
RT: 6.57 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

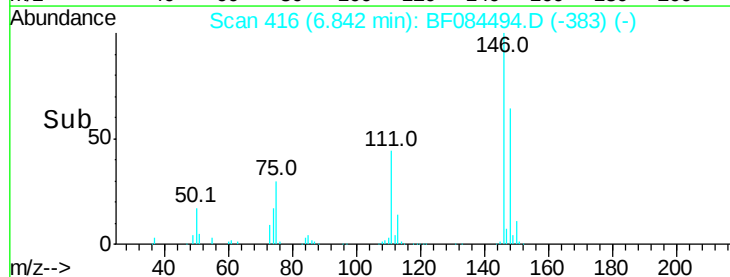
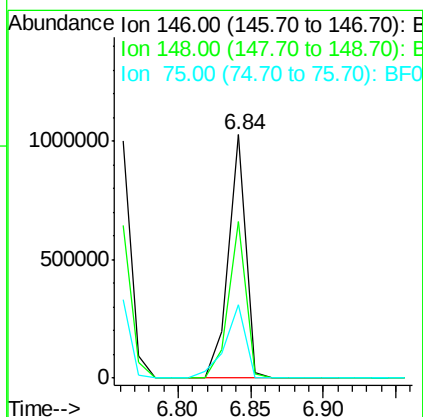
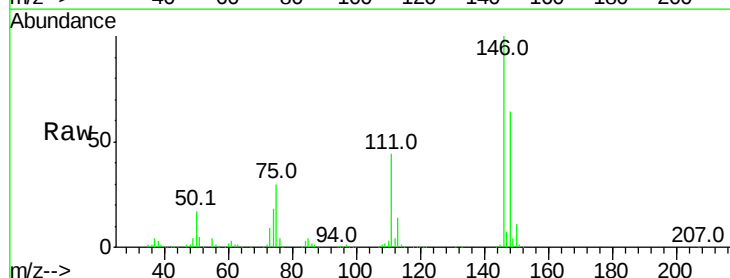
Instrument :
BNA_F
ClientSampled :

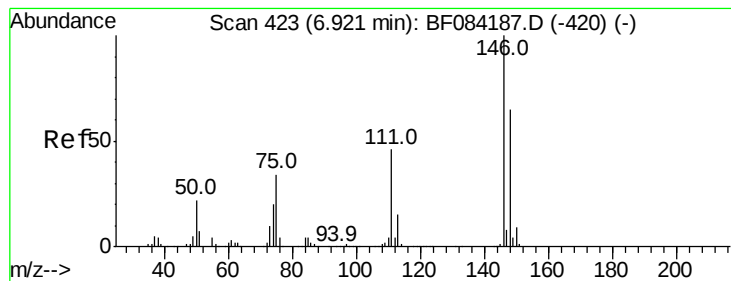
Tot Ion: 93 Resp: 828902
Ion Ratio Lower Upper
93 100
63 72.6 45.9 85.9
95 34.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.29 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.08 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Tgt Ion: 146 Resp: 858493
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 30.2 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 43.17 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

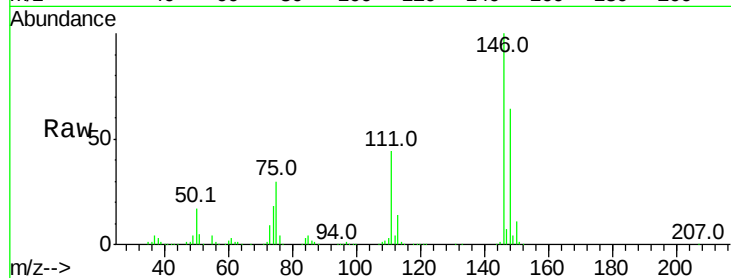
Tot Ion:146 Resp: 858493

Ion Ratio Lower Upper

146 100

148 64.4 51.9 77.9

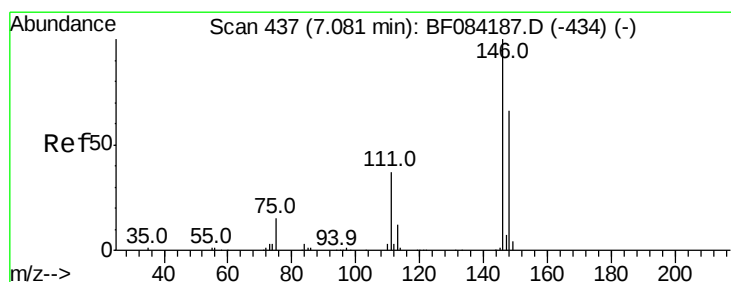
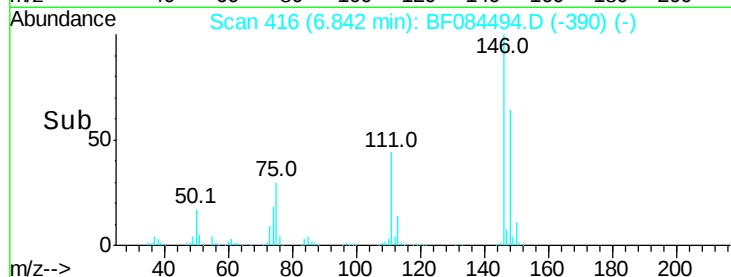
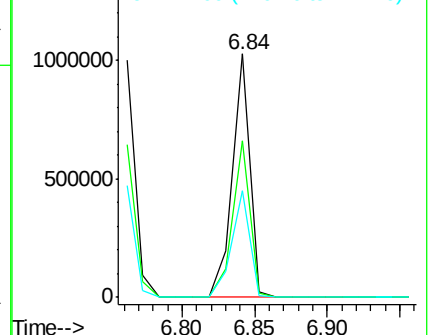
111 43.6 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.56 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

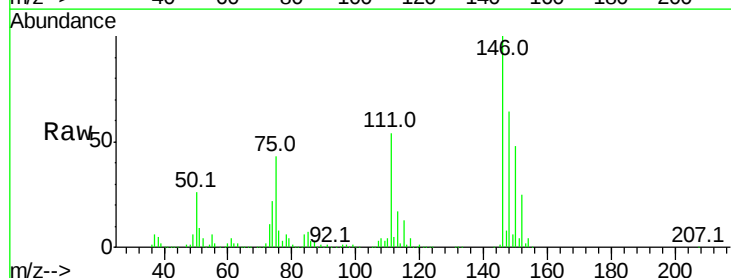
Tgt Ion:146 Resp: 715362

Ion Ratio Lower Upper

146 100

148 63.6 51.6 77.4

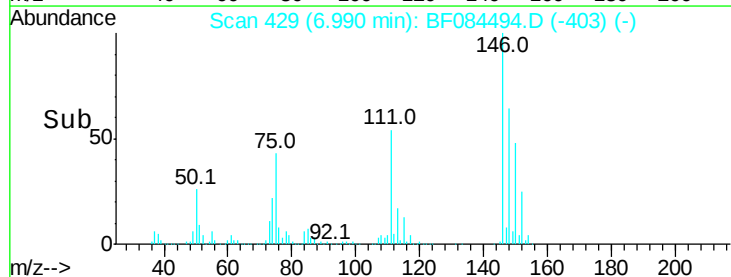
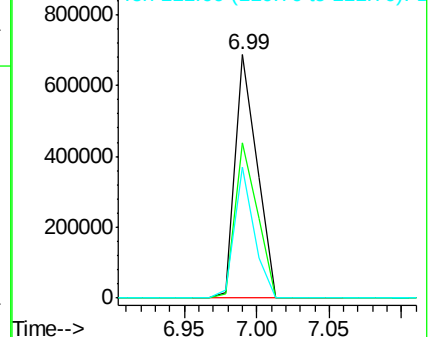
111 53.8 38.0 57.0

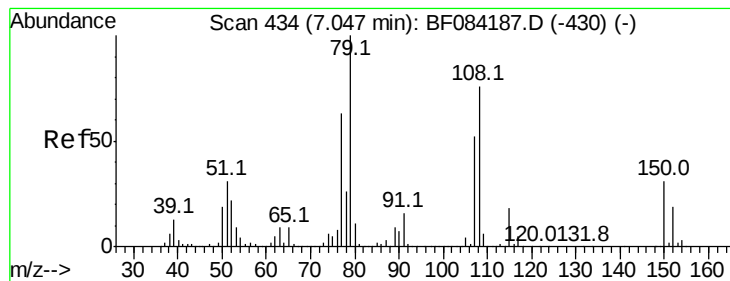


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.66 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Instrument :

BNA_F

ClientSampled :

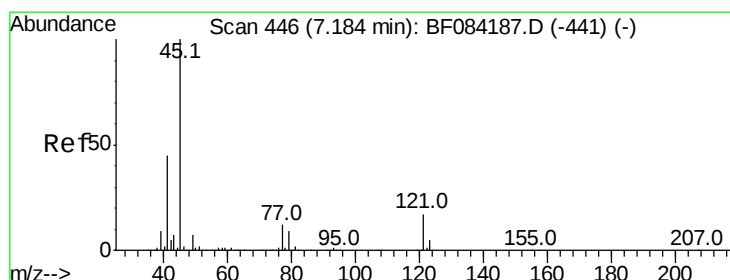
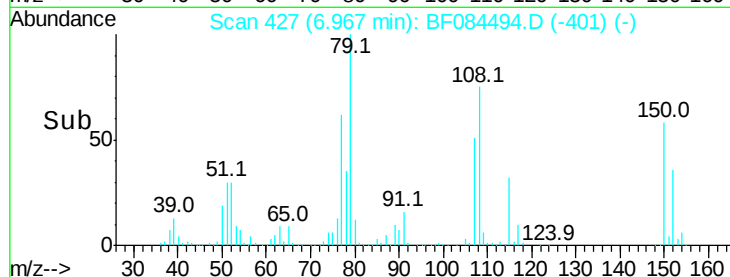
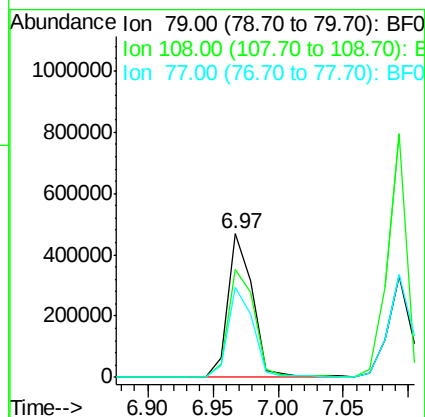
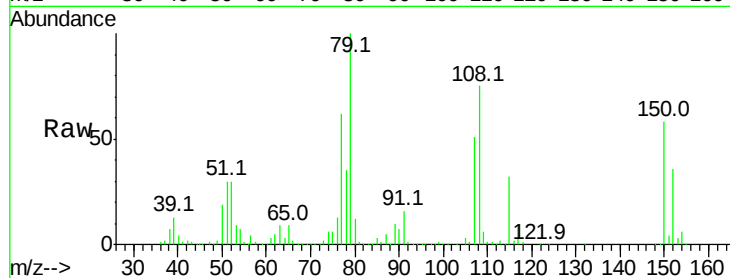
Tot Ion: 79 Resp: 620409

Ion Ratio Lower Upper

79 100

108 74.9 69.0 103.4

77 62.3 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.27 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

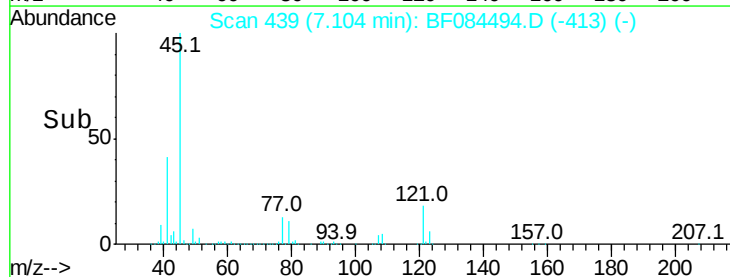
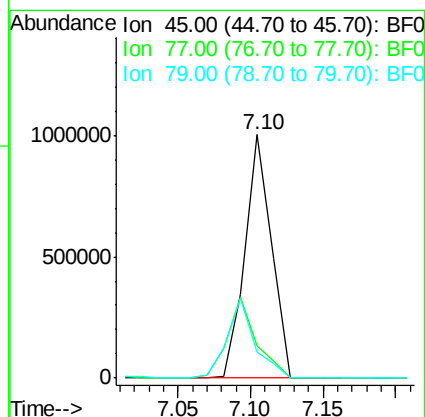
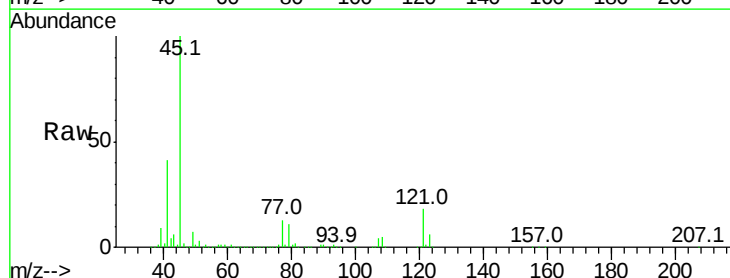
Tgt Ion: 45 Resp: 1271942

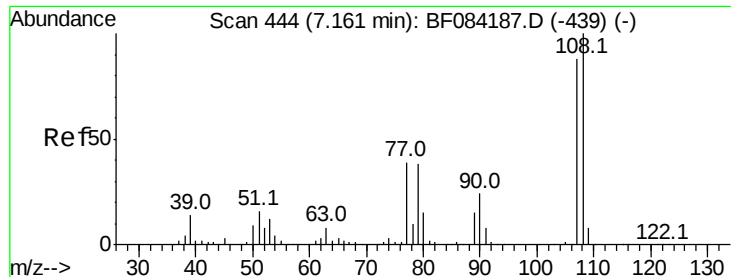
Ion Ratio Lower Upper

45 100

77 13.4 0.0 39.6

79 10.8 0.0 35.0





#17

2-Methylphenol

Concen: 43.62 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 702734

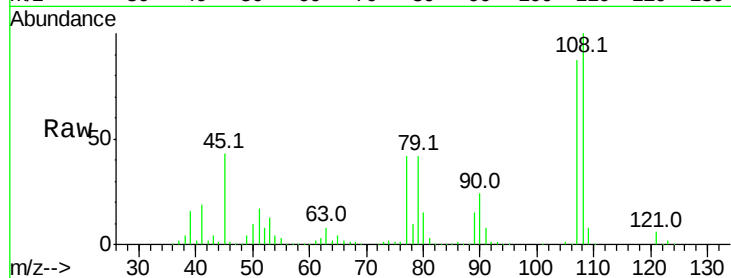
Ion Ratio Lower Upper

107 100

108 114.7 89.8 134.6

77 48.6 35.7 53.5

79 47.9 35.7 53.5

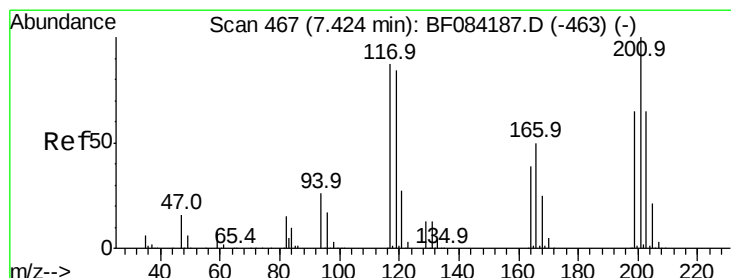
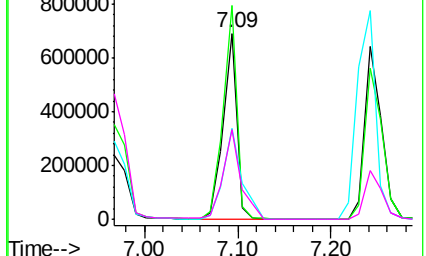
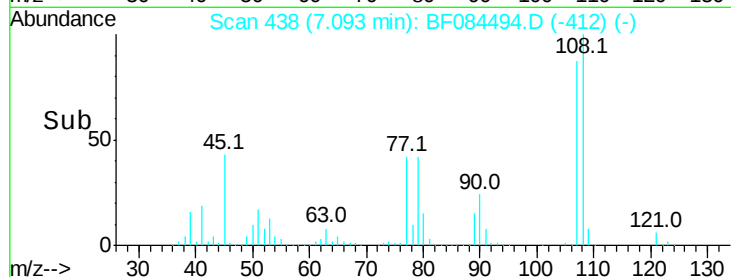


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.90 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

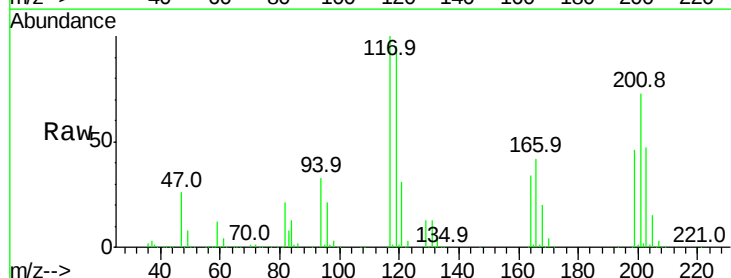
Tgt Ion:117 Resp: 317321

Ion Ratio Lower Upper

117 100

119 95.3 77.4 116.0

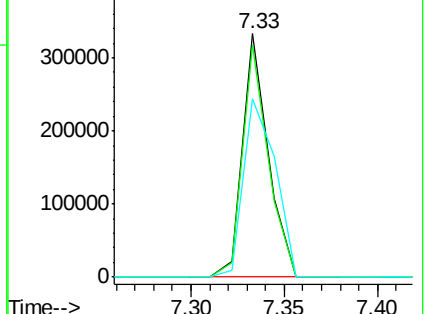
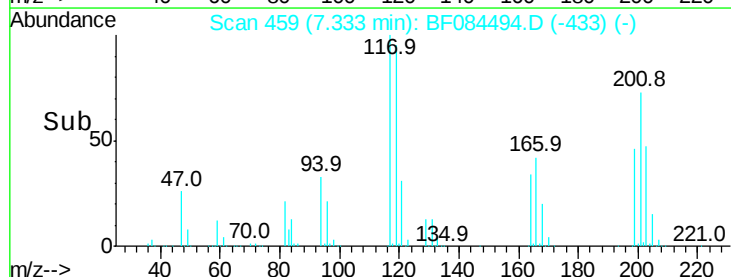
201 73.4 68.6 103.0

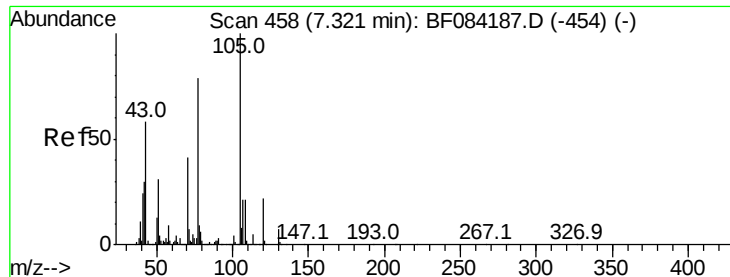


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.38 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.00 min

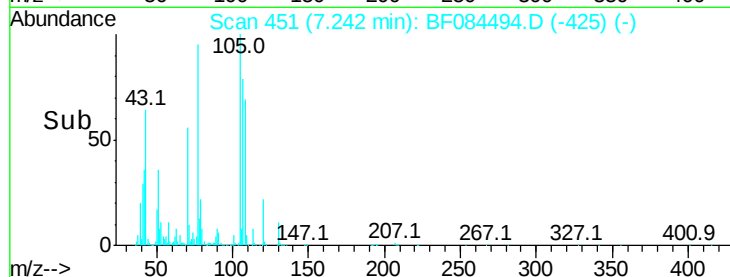
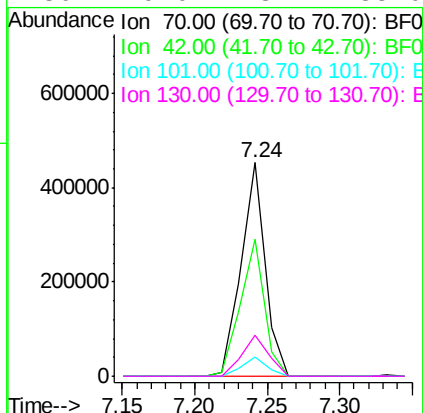
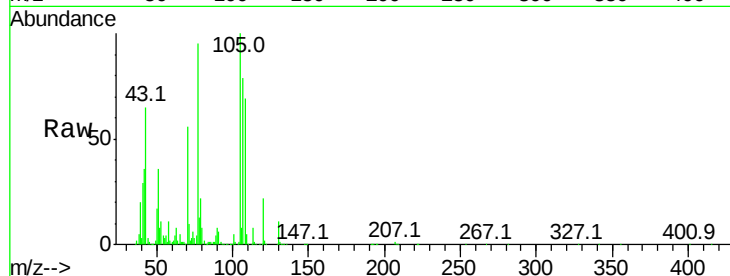
Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 524086

Ion	Ratio	Lower	Upper
70	100		
42	64.0	33.3	49.9#
101	8.9	9.3	13.9#
130	19.0	23.4	35.0#



#20

3+4-Methylphenols

Concen: 42.69 ng

RT: 7.24 min Scan# 451

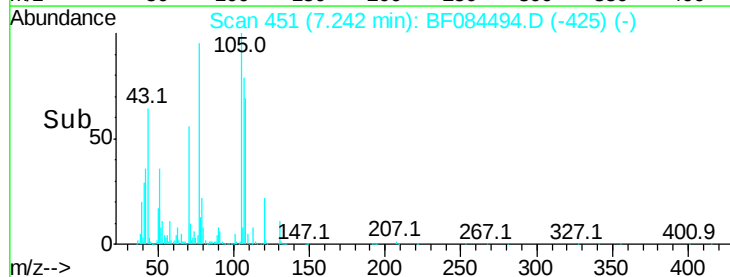
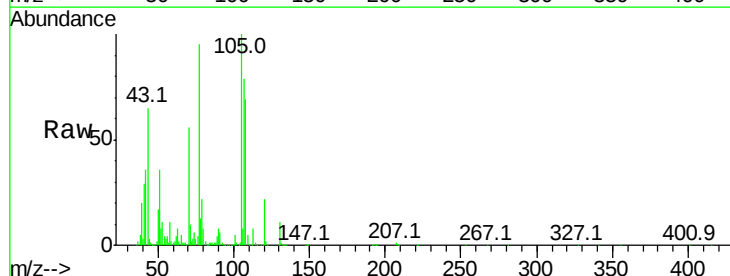
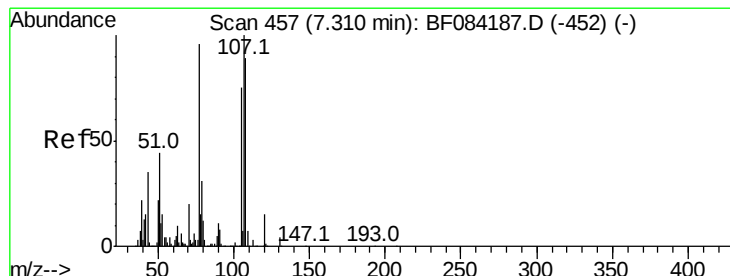
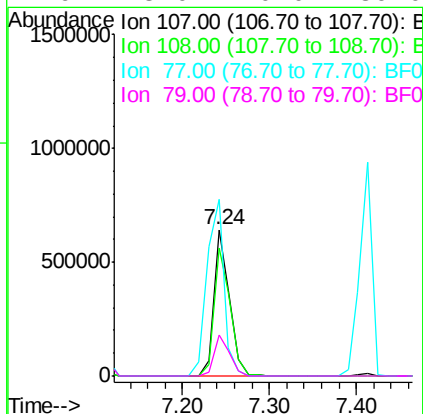
Delta R.T. 0.00 min

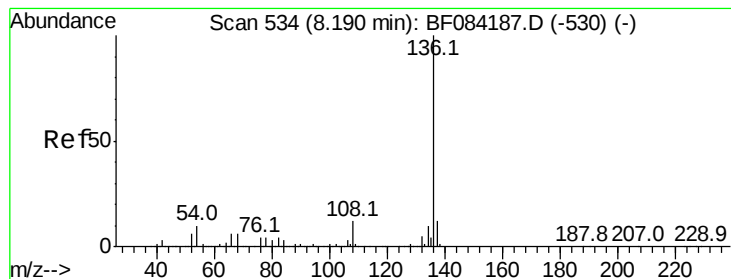
Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Tgt Ion: 107 Resp: 808520

Ion	Ratio	Lower	Upper
107	100		
108	87.6	74.6	114.6
77	120.9	0.7	40.7#
79	28.0	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Instrument :

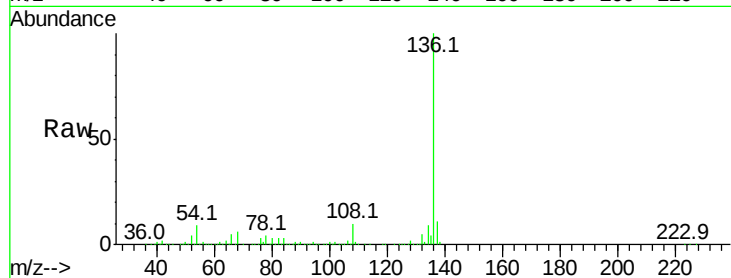
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1160545

Ion Ratio Lower Upper

136	100		
137	11.2	8.7	13.1
54	8.9	5.8	8.8#
68	5.9	4.2	6.2

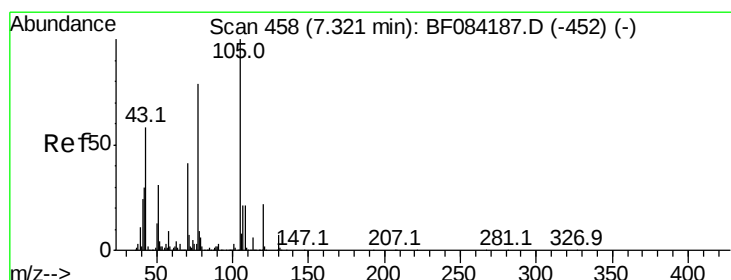
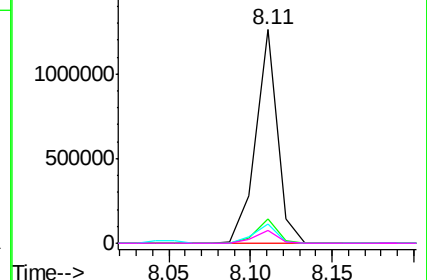
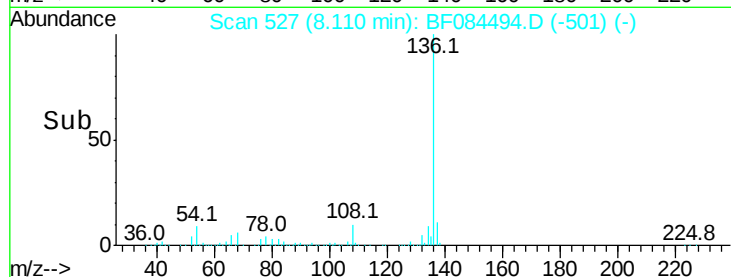


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.41 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.00 min

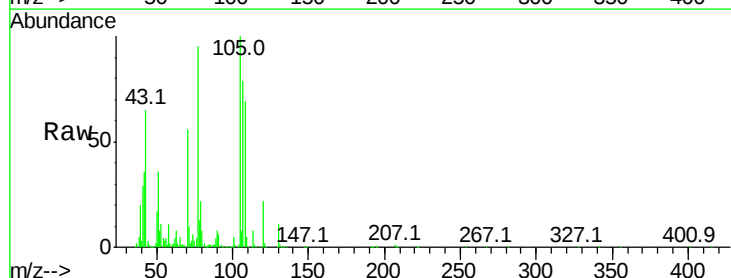
Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Tgt Ion:105 Resp: 1099899

Ion Ratio Lower Upper

105	100		
71	9.6	3.7	5.5#
51	35.7	25.1	37.7
120	22.3	16.6	25.0

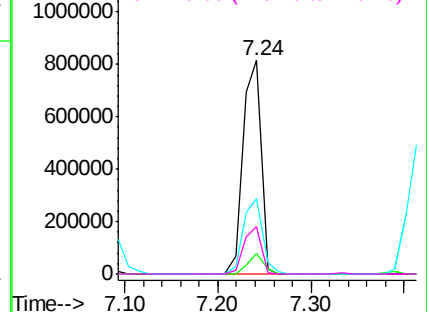
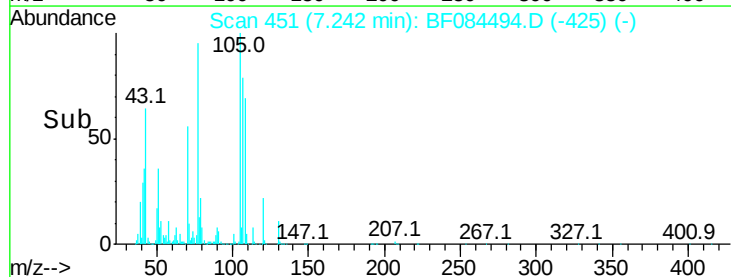


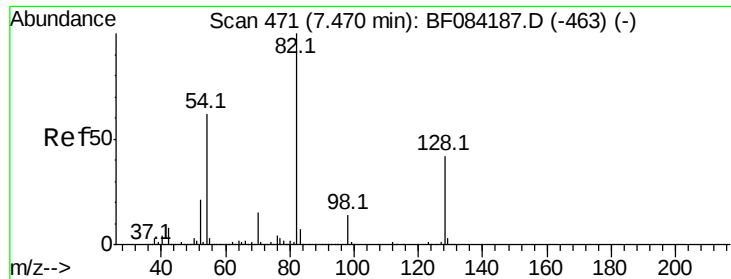
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

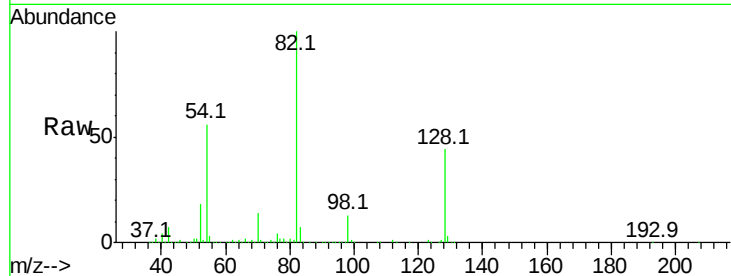




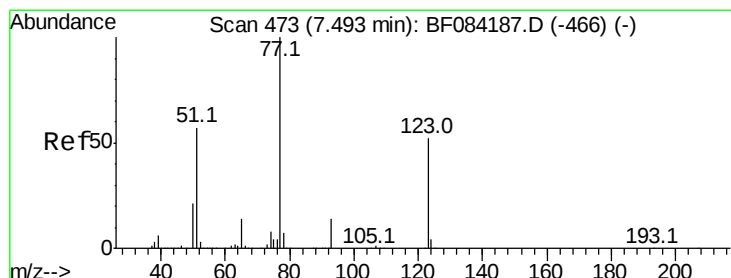
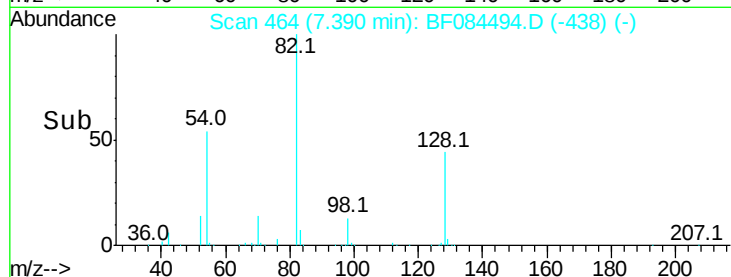
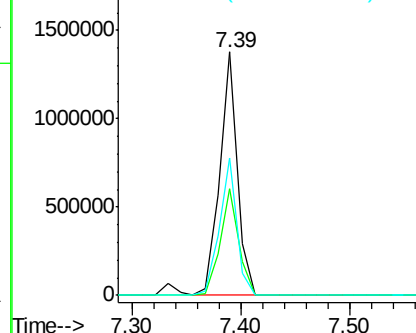
#23
Nitrobenzene-d5
Concen: 75.08 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1565574
Ion Ratio Lower Upper
82 100
128 44.0 34.6 51.8
54 56.5 38.4 57.6

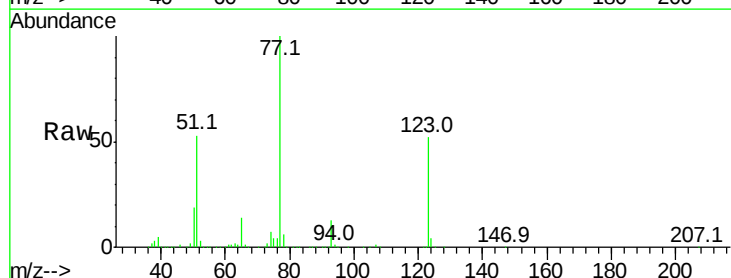


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

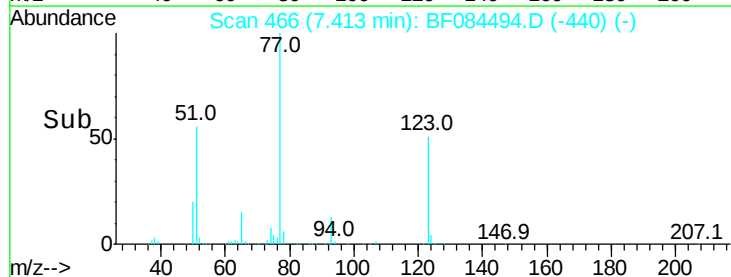
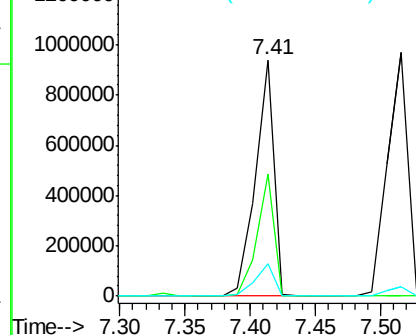


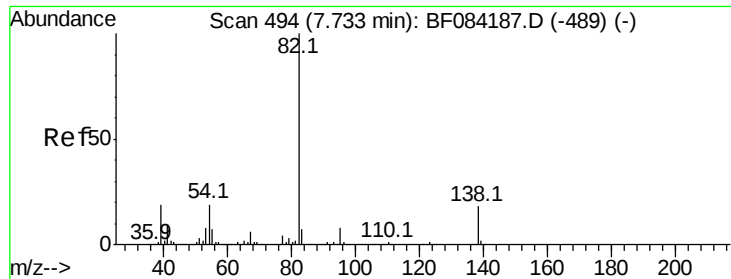
#24
Nitrobenzene
Concen: 43.54 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Tgt Ion: 77 Resp: 920839
Ion Ratio Lower Upper
77 100
123 51.6 37.4 56.2
65 13.6 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.89 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

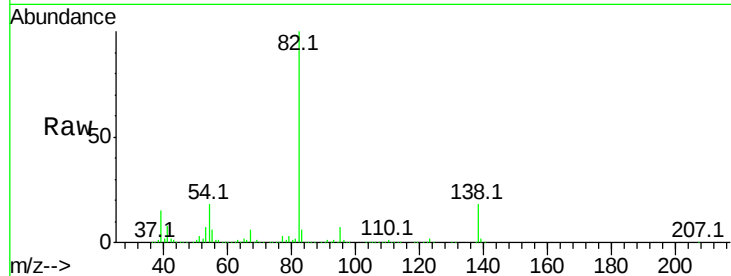
Tot Ion: 82 Resp: 1590674

Ion Ratio Lower Upper

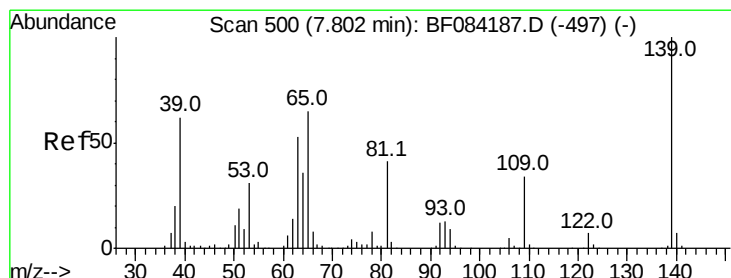
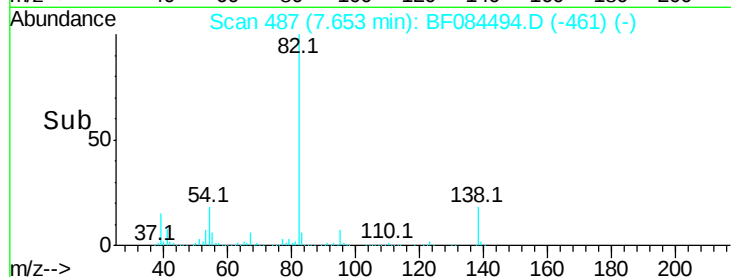
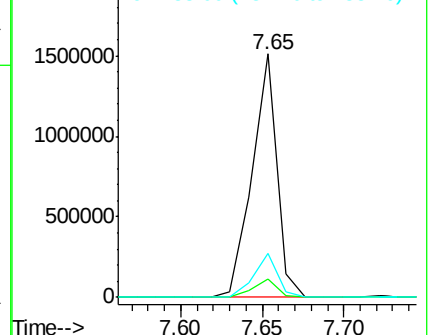
82 100

95 7.4 6.6 10.0

138 18.2 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.40 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

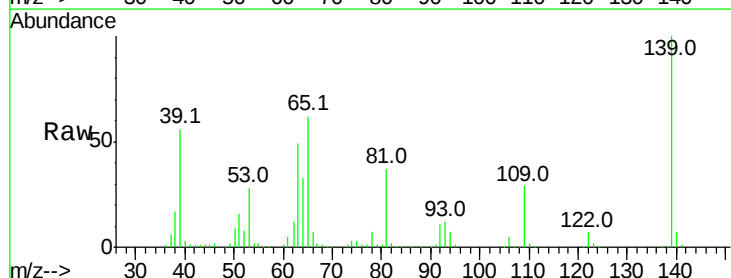
Tgt Ion: 139 Resp: 437028

Ion Ratio Lower Upper

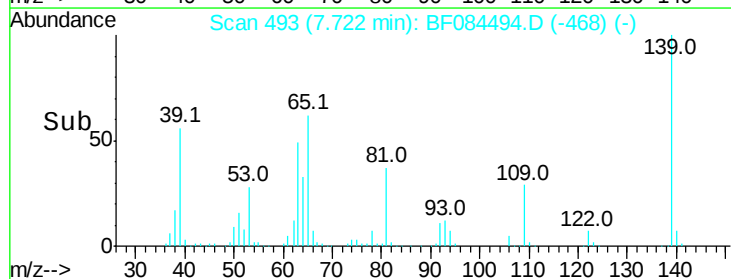
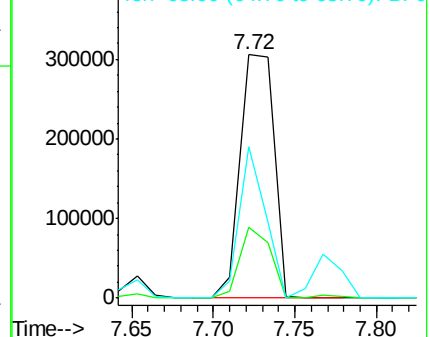
139 100

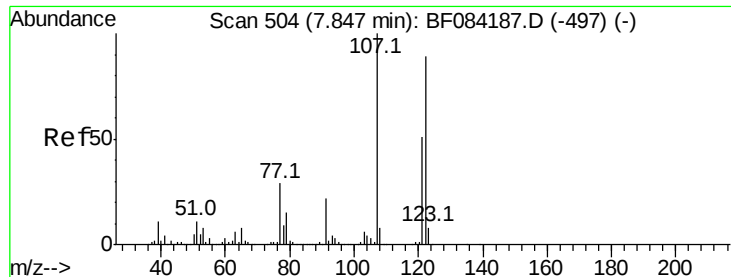
109 29.2 25.4 38.2

65 62.2 32.3 48.5#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.33 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

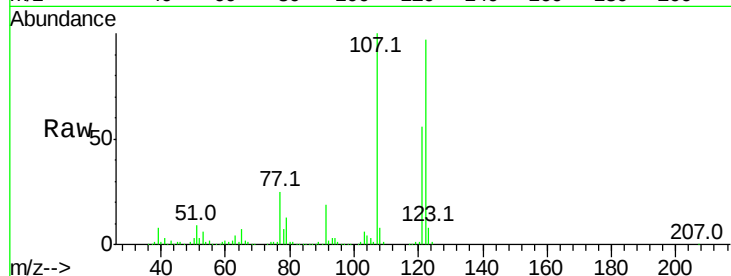
Tot Ion:122 Resp: 766291

Ion Ratio Lower Upper

122 100

107 103.2 99.1 148.7

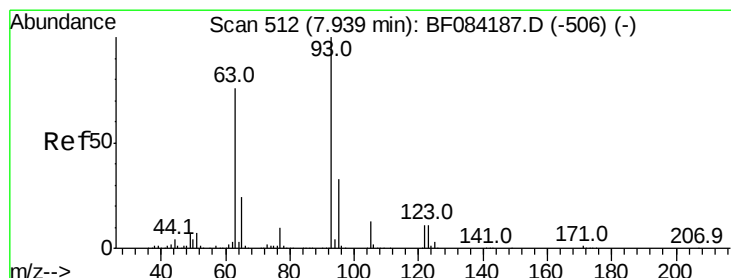
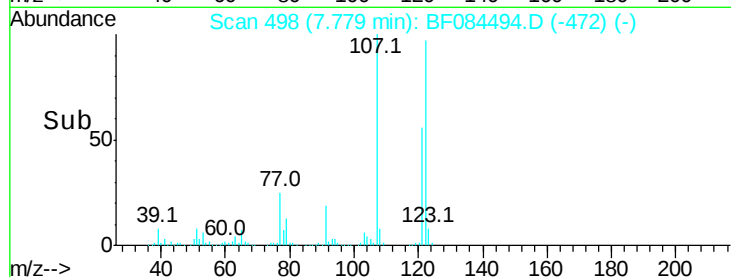
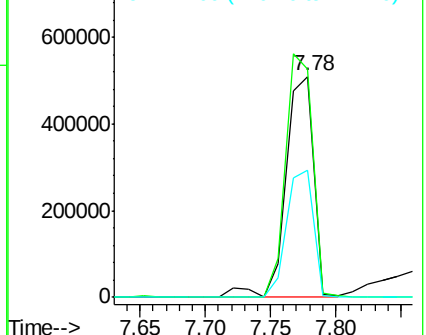
121 57.4 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.39 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

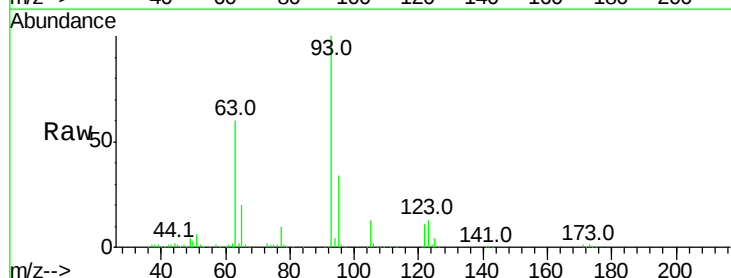
Tgt Ion: 93 Resp: 983966

Ion Ratio Lower Upper

93 100

95 33.9 25.8 38.6

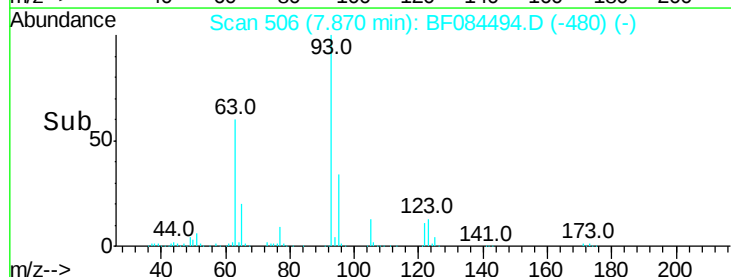
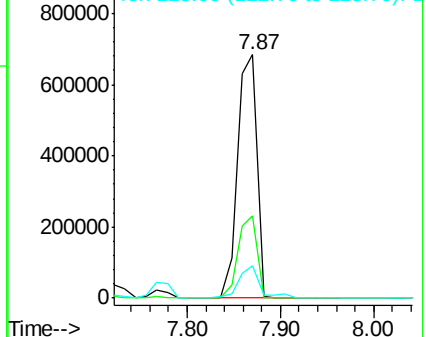
123 13.2 8.6 12.8#

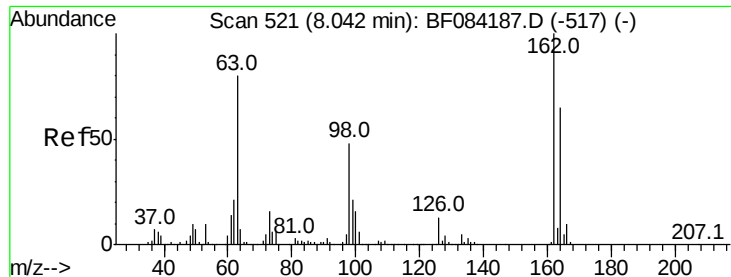


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.15 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Instrument :

BNA_F

ClientSampled :

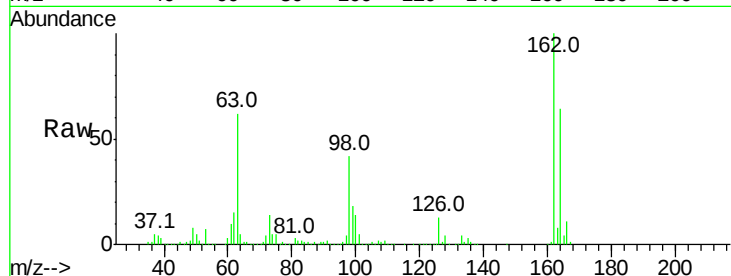
Tot Ion:162 Resp: 667793

Ion Ratio Lower Upper

162 100

164 64.0 44.1 84.1

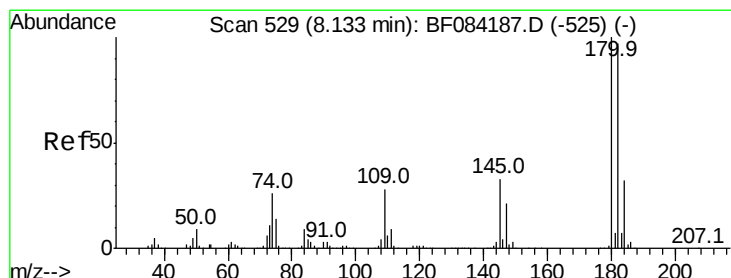
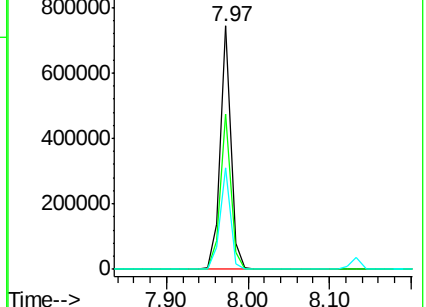
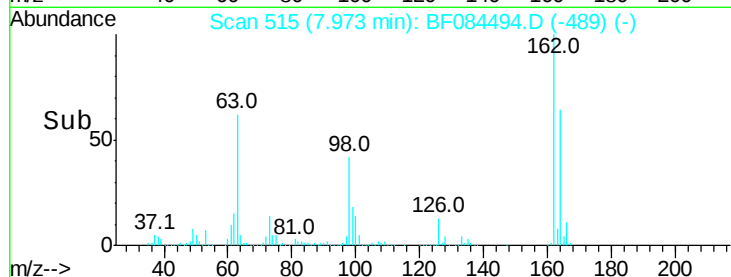
98 41.8 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 42.11 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

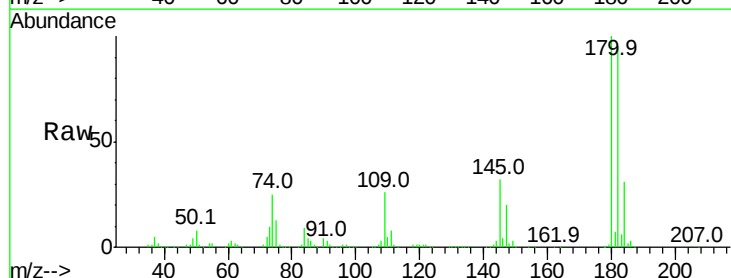
Tgt Ion:180 Resp: 705483

Ion Ratio Lower Upper

180 100

182 95.3 76.4 114.6

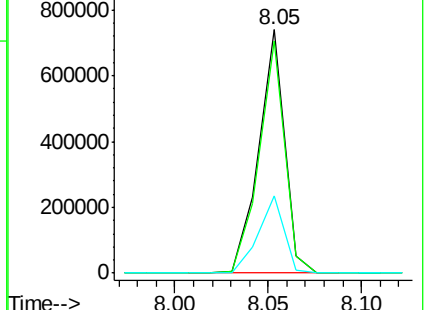
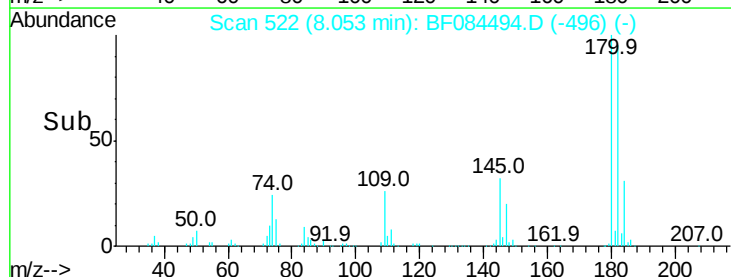
145 31.6 31.6 47.4#

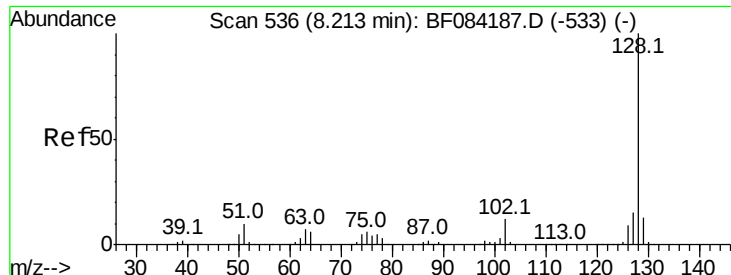


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

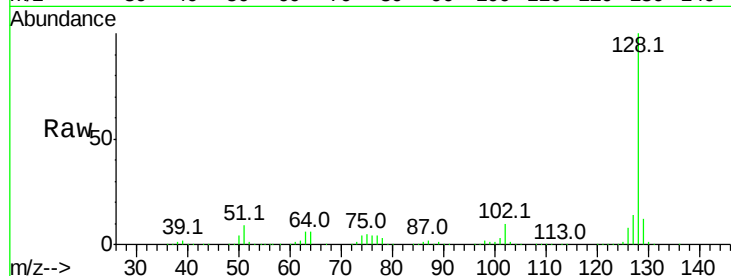




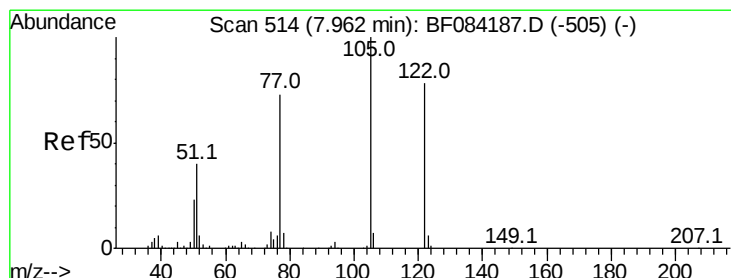
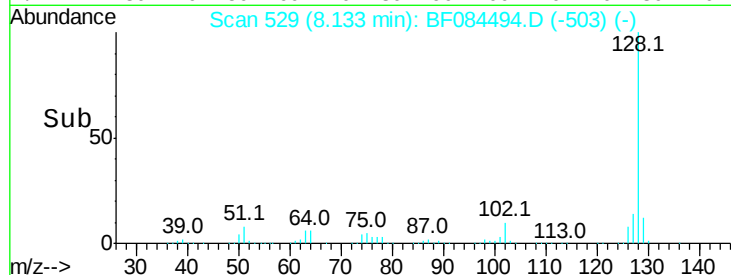
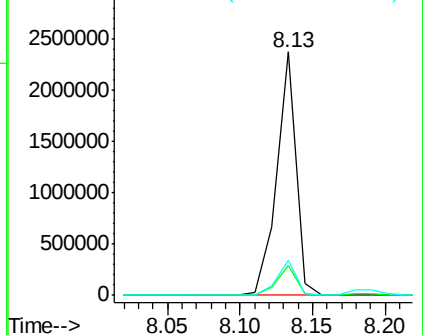
#31
Naphthalene
Concen: 41.56 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2188166
Ion Ratio Lower Upper
128 100
129 12.4 9.1 13.7
127 14.1 11.1 16.7

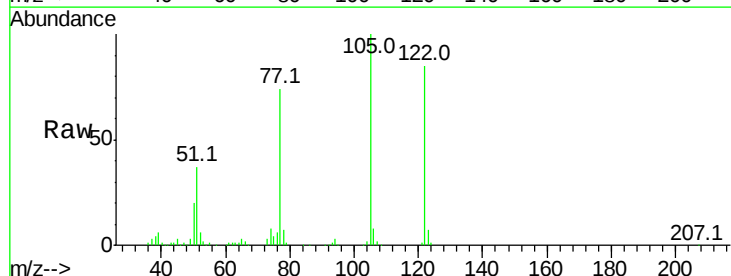


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

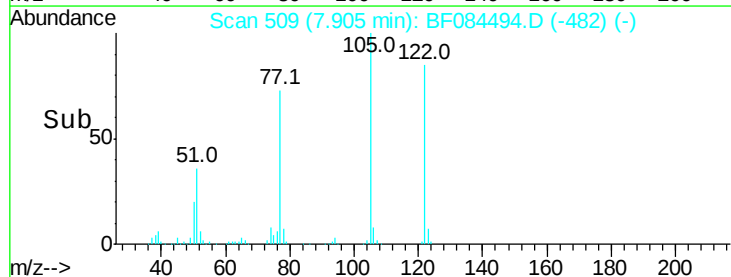
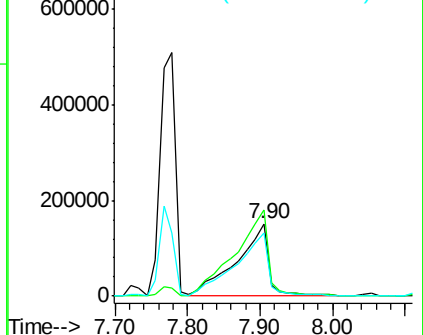


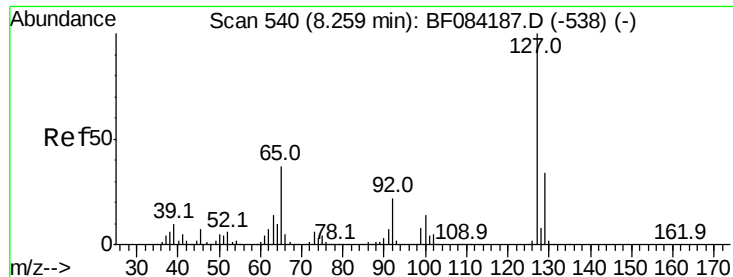
#32
Benzoic acid
Concen: 37.75 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Tgt Ion:122 Resp: 453997
Ion Ratio Lower Upper
122 100
105 118.1 100.3 140.3
77 87.7 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

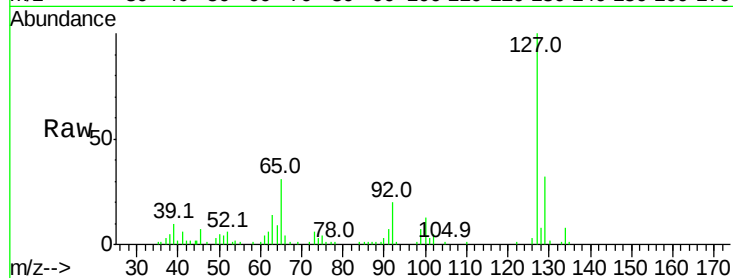




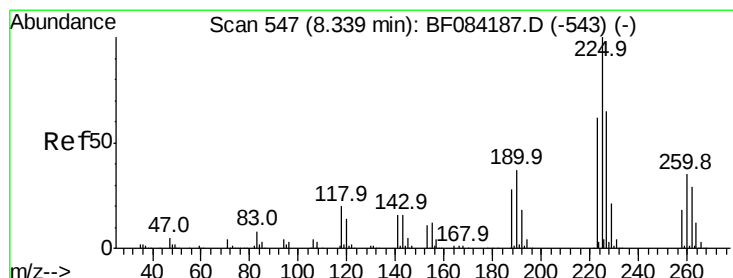
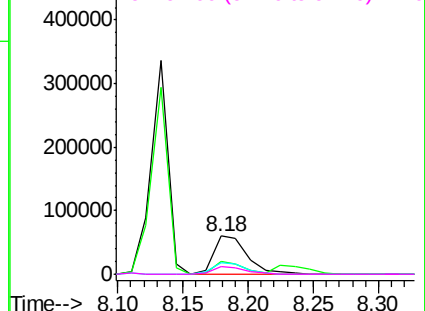
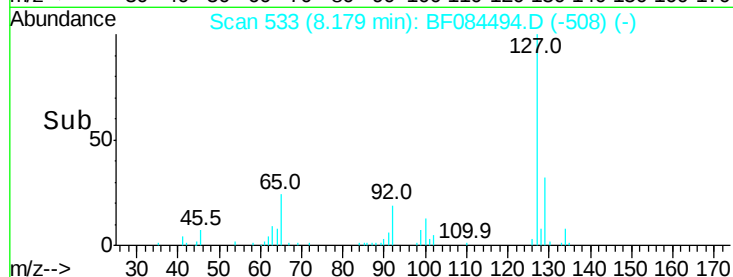
#33
4-Chloroaniline
Concen: 4.48 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	108110
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.5	39.7
65	30.8	27.2	40.8
92	20.0	17.7	26.5

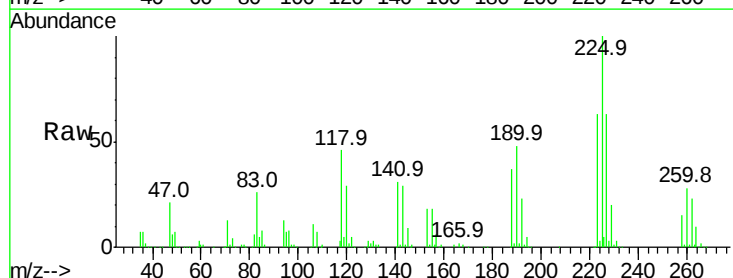


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

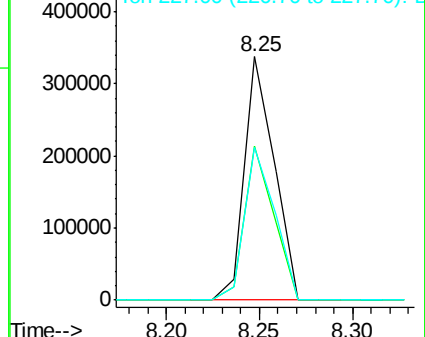
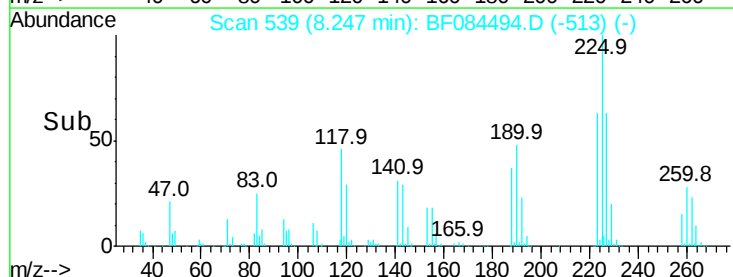


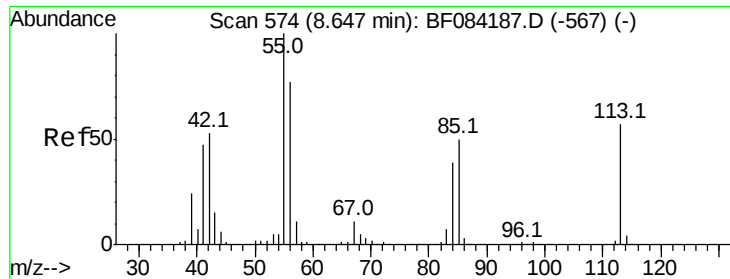
#34
Hexachlorobutadiene
Concen: 38.77 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Tgt Ion:	225	Resp:	373408
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.4	74.0
227	62.5	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

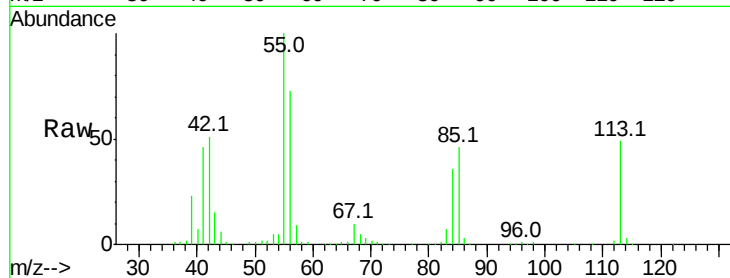




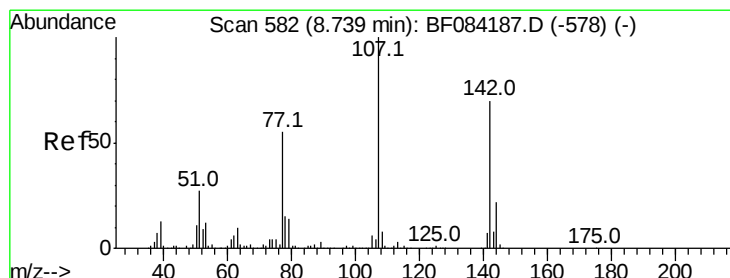
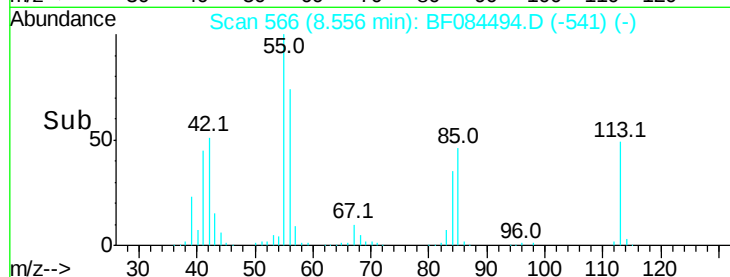
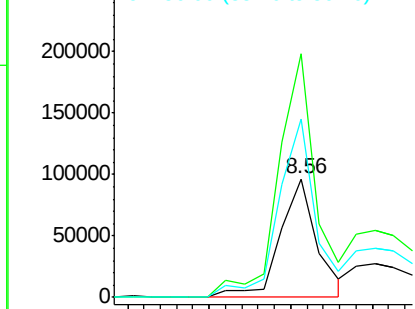
#35
 Caprolactam
 Concen: 27.90 ng
 RT: 8.56 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF084494.D
 Acq: 15 Jan 2016 16:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 152642
 Ion Ratio Lower Upper
 113 100
 55 205.1 116.9 156.9#
 56 150.5 93.8 133.8#

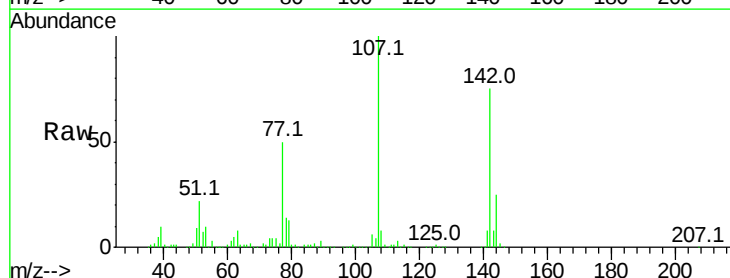


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

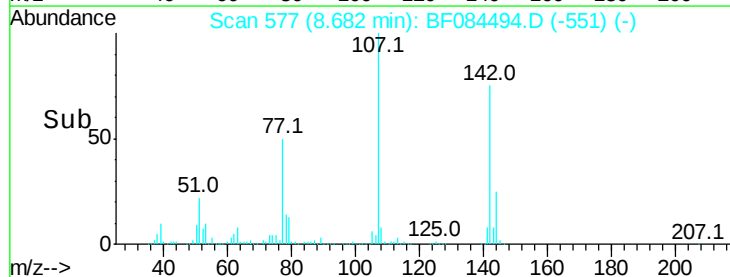
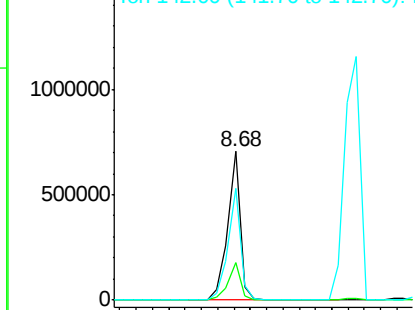


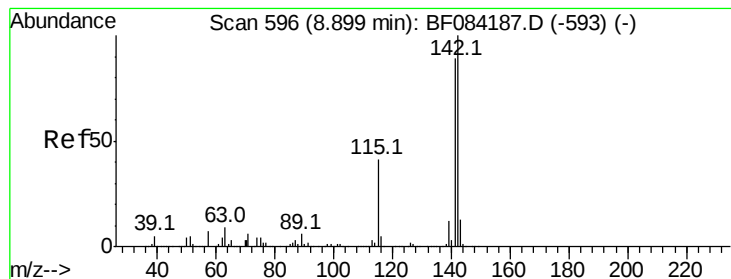
#36
 4-Chloro-3-methylphenol
 Concen: 41.59 ng
 RT: 8.68 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF084494.D
 Acq: 15 Jan 2016 16:45

Tgt Ion:107 Resp: 756081
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.7 29.5
 142 75.5 61.8 92.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

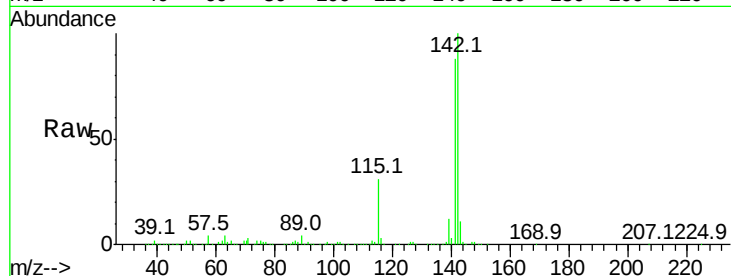




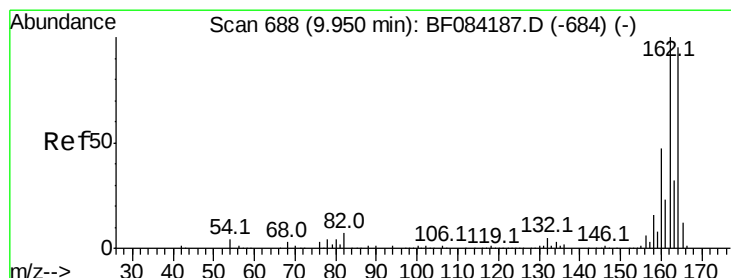
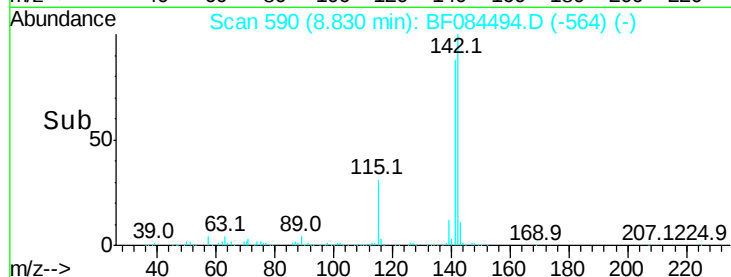
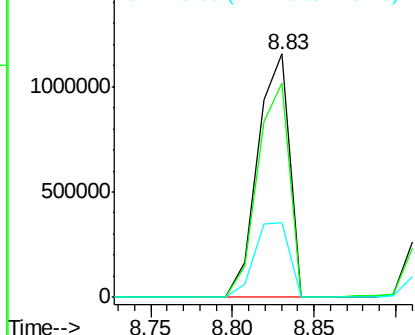
#37
2-Methylnaphthalene
Concen: 41.11 ng
RT: 8.83 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleID :

Tot Ion:142 Resp: 1553910
Ion Ratio Lower Upper
142 100
141 87.9 72.4 108.6
115 30.6 27.9 41.9

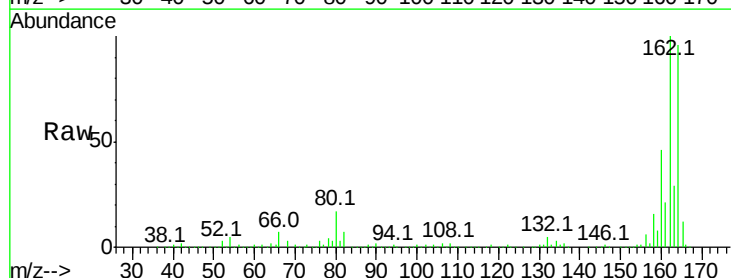


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

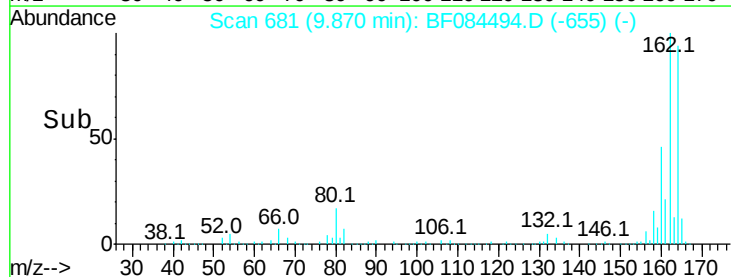
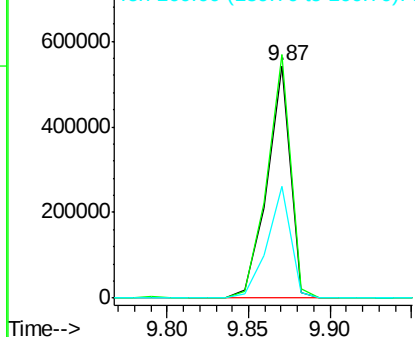


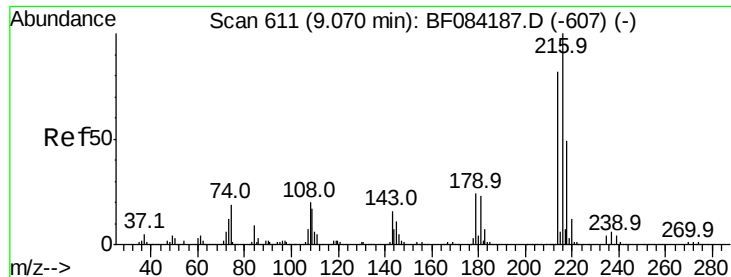
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Tgt Ion:164 Resp: 539293
Ion Ratio Lower Upper
164 100
162 104.7 85.1 127.7
160 47.9 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.17 ng

RT: 8.99 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 591781

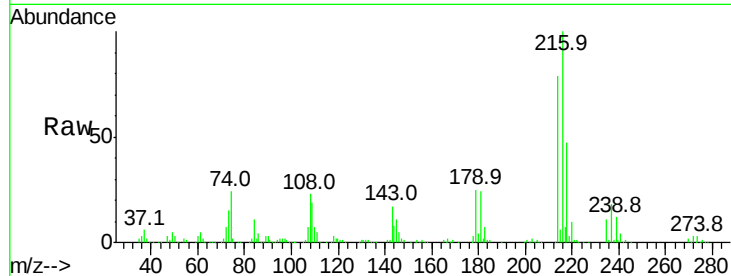
Ion Ratio Lower Upper

216 100

214 79.2 64.2 96.2

179 23.3 18.7 28.1

108 24.3 16.8 25.2

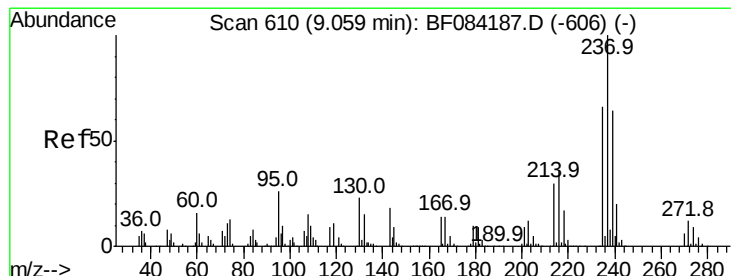
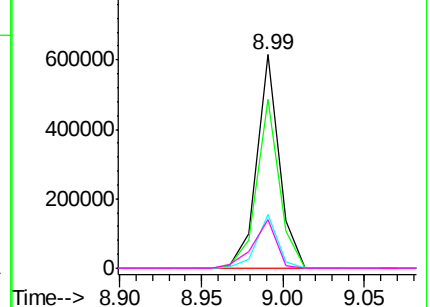
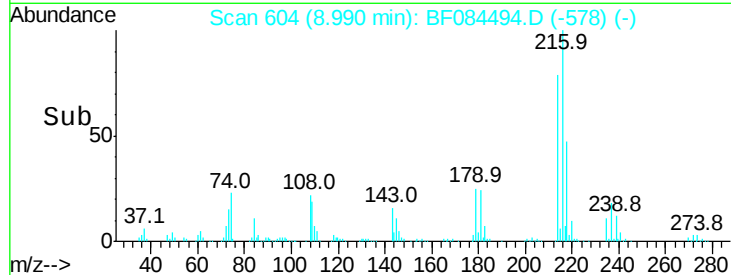


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 61.78 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

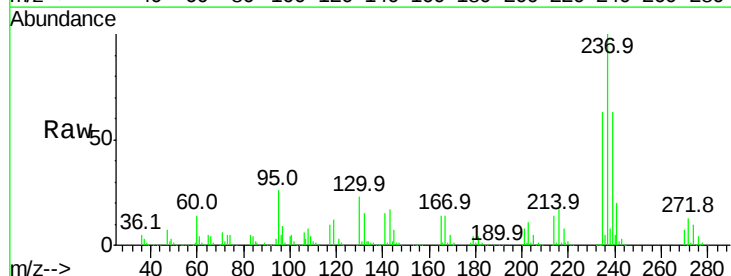
Tgt Ion:237 Resp: 578206

Ion Ratio Lower Upper

237 100

235 63.5 43.1 83.1

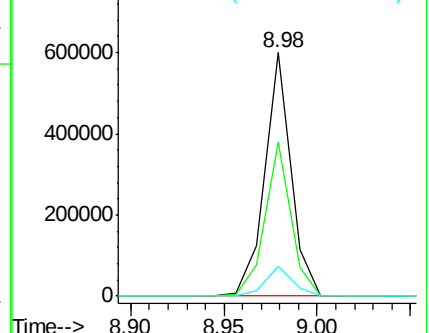
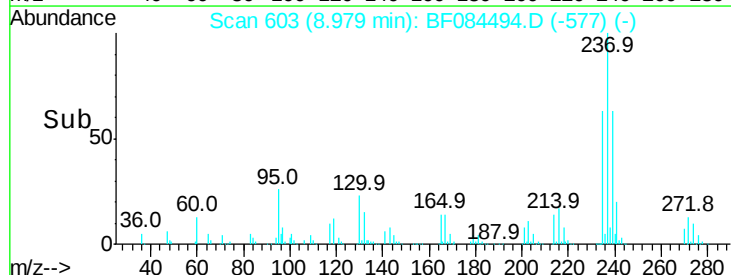
272 12.5 0.0 35.1

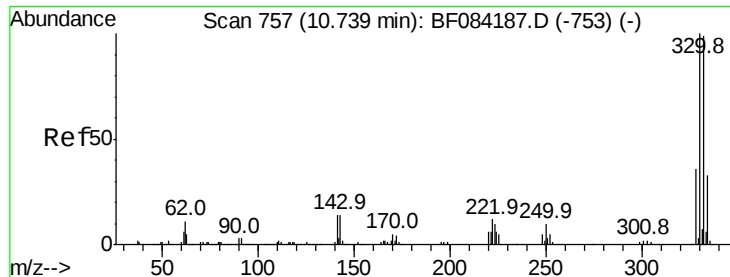


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

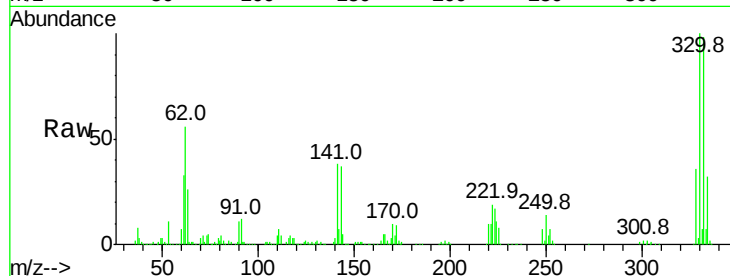




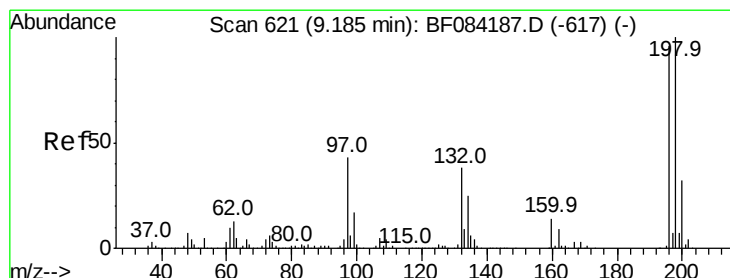
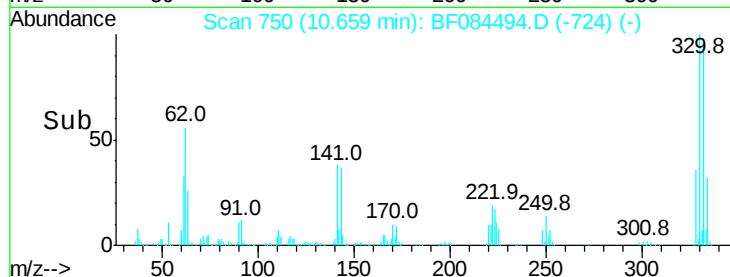
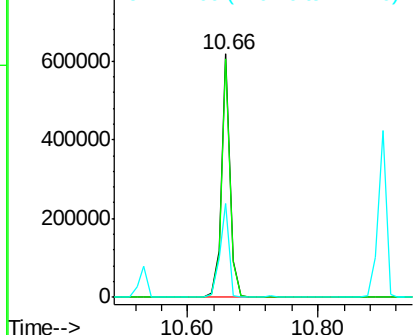
#41
 2,4,6-Tribromophenol
 Concen: 107.27 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF084494.D
 Acq: 15 Jan 2016 16:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 584071
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 41.2 27.8 41.6

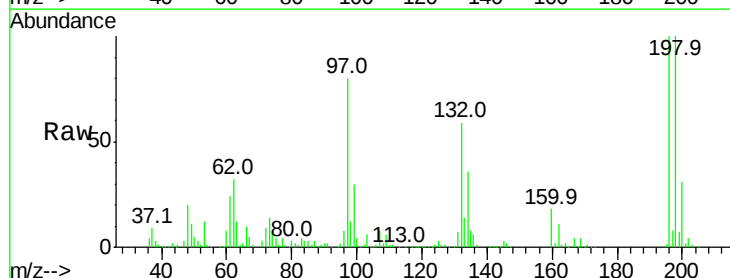


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

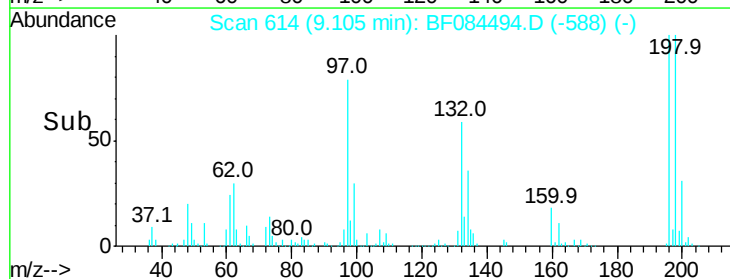
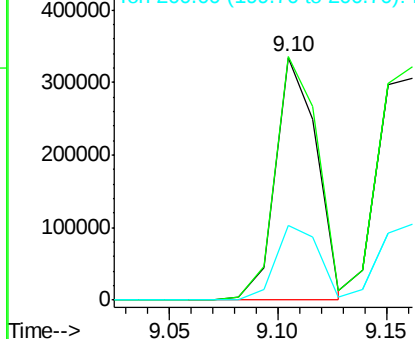


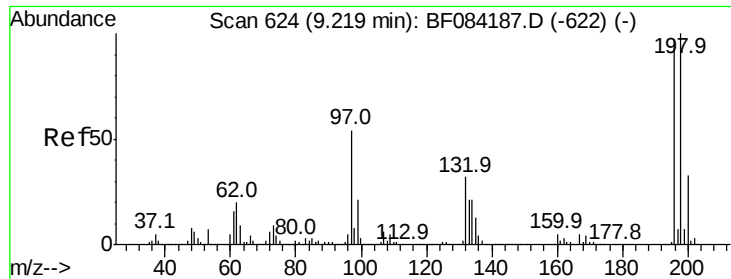
#42
 2,4,6-Trichlorophenol
 Concen: 38.15 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF084494.D
 Acq: 15 Jan 2016 16:45

Tgt Ion:196 Resp: 442533
 Ion Ratio Lower Upper
 196 100
 198 100.4 77.7 116.5
 200 31.0 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

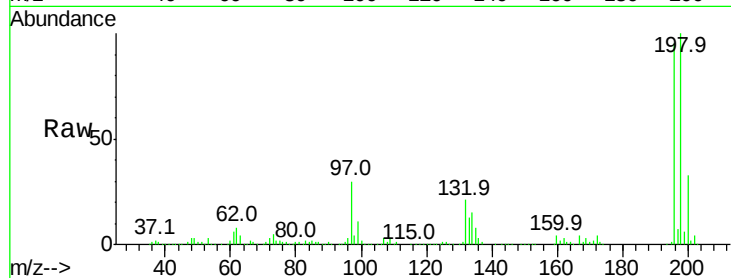




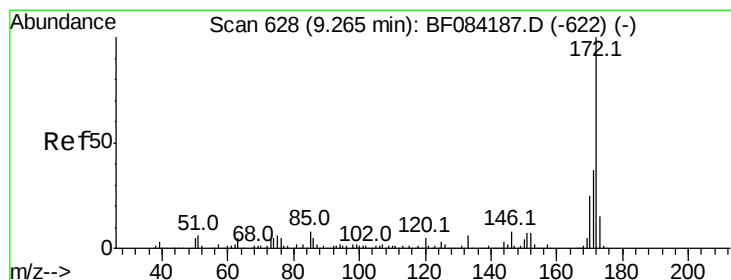
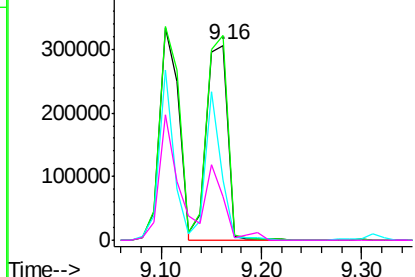
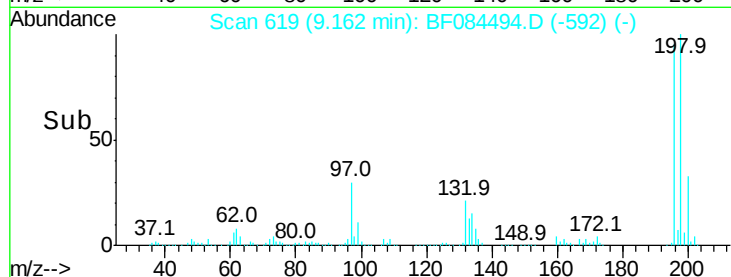
#43
 2,4,5-Trichlorophenol
 Concen: 40.47 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF084494.D
 Acq: 15 Jan 2016 16:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 449976
 Ion Ratio Lower Upper
 196 100
 198 105.0 79.0 118.6
 97 31.0 33.0 49.6#
 132 22.1 21.1 31.7

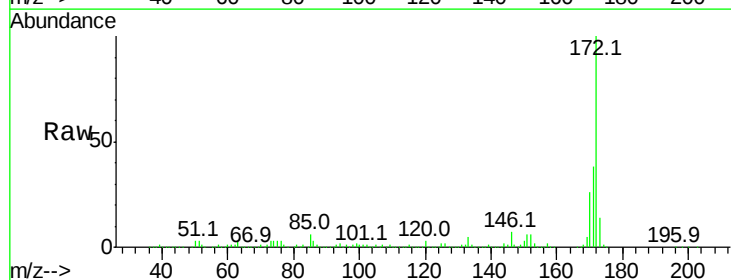


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

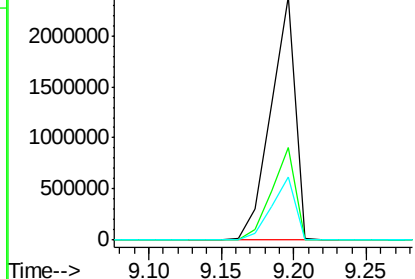
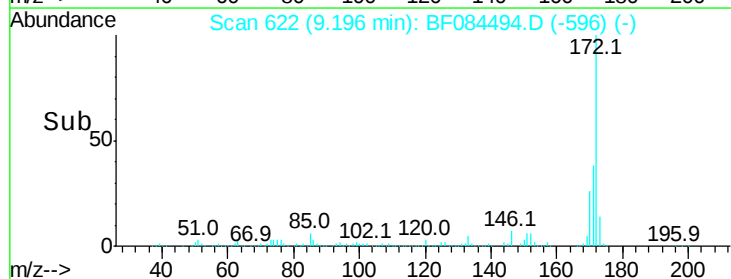


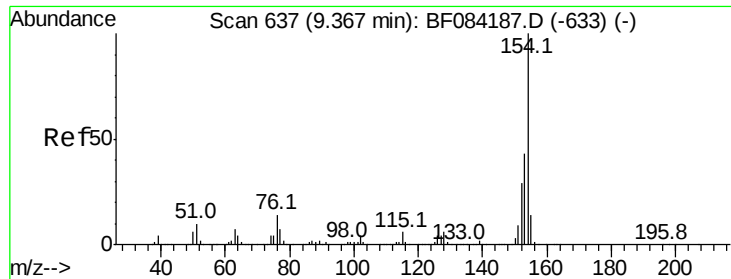
#44
 2-Fluorobiphenyl
 Concen: 90.95 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084494.D
 Acq: 15 Jan 2016 16:45

Tgt Ion:172 Resp: 2774573
 Ion Ratio Lower Upper
 172 100
 171 38.1 28.9 43.3
 170 26.1 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.89 ng

RT: 9.29 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

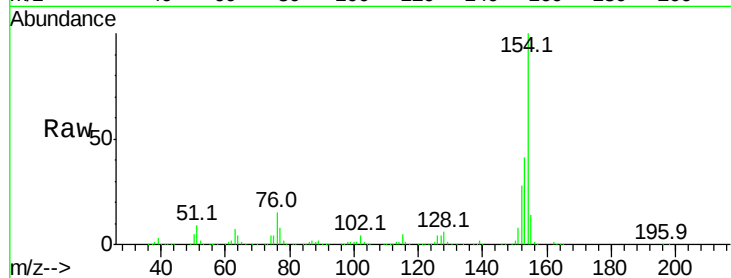
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 1666937

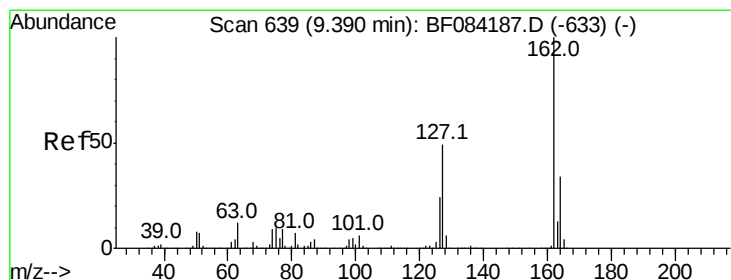
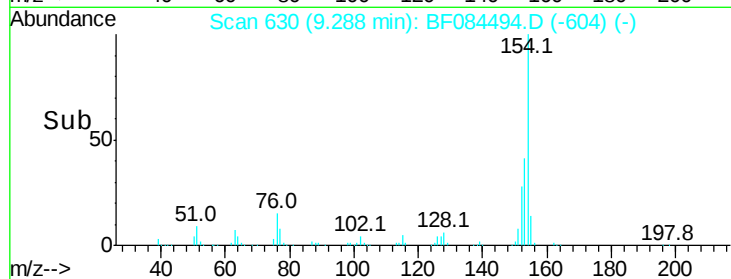
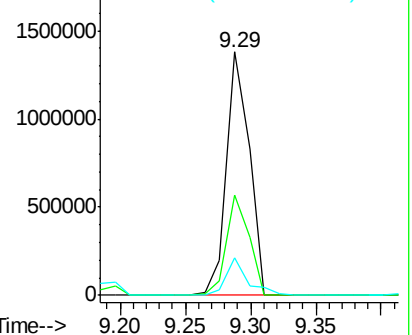
Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.6	61.6
76	15.3	0.0	32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.51 ng

RT: 9.31 min Scan# 632

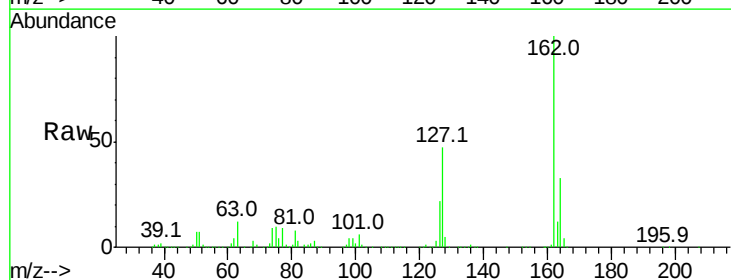
Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Tgt Ion:162 Resp: 1296528

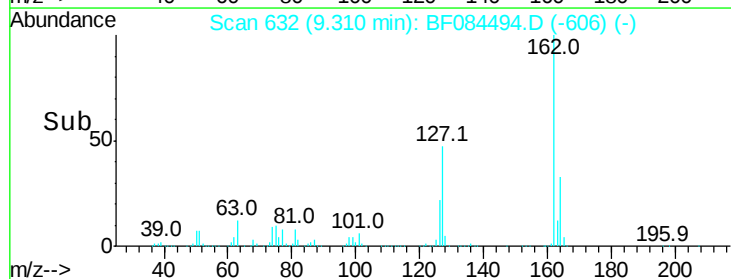
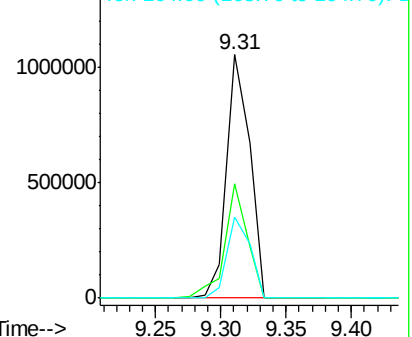
Ion	Ratio	Lower	Upper
162	100		
127	47.1	40.2	60.4
164	33.2	25.7	38.5

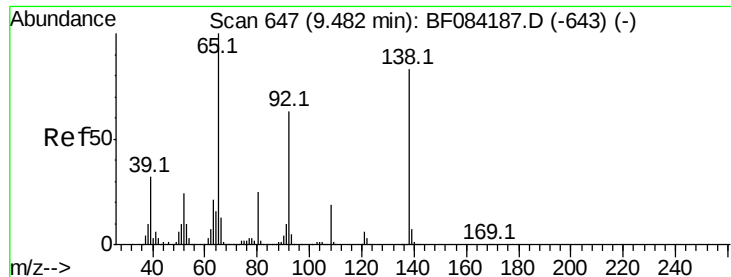


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.84 ng

RT: 9.41 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

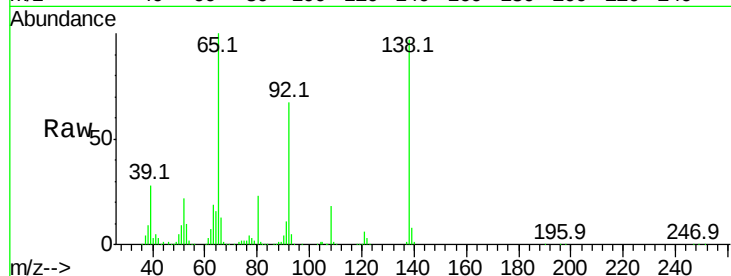
Tot Ion: 65 Resp: 453842

Ion Ratio Lower Upper

65 100

92 67.2 53.4 80.2

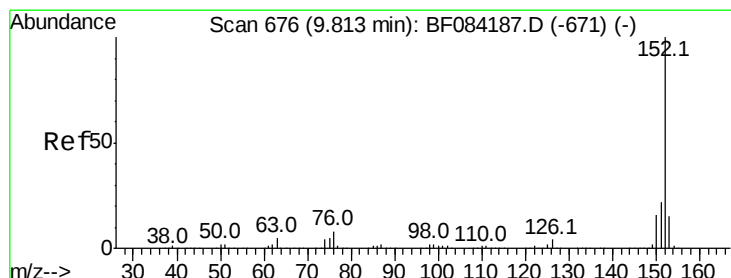
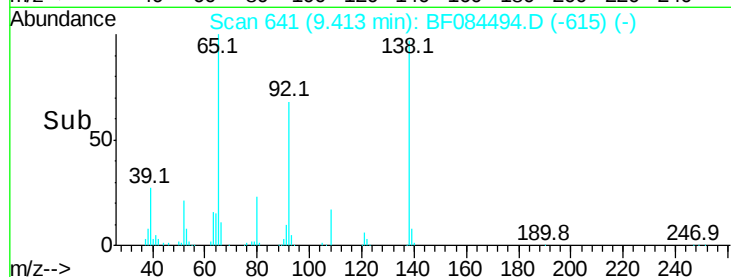
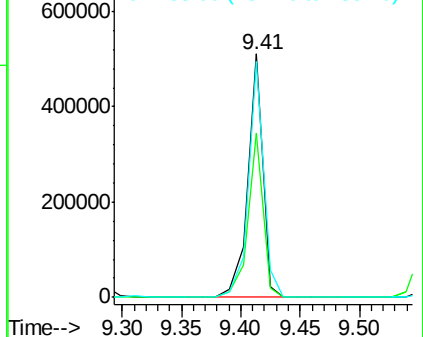
138 96.7 71.1 106.7



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 43.25 ng

RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

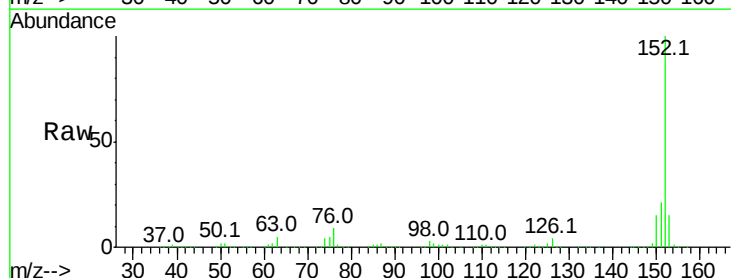
Tgt Ion: 152 Resp: 2151297

Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

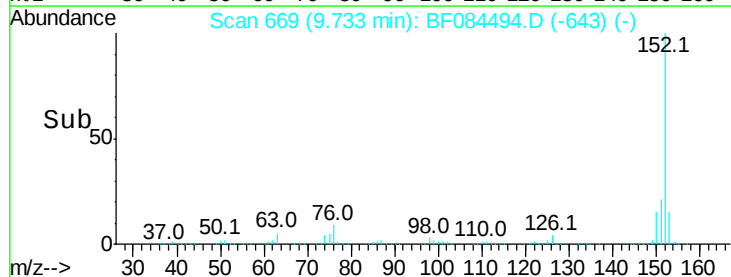
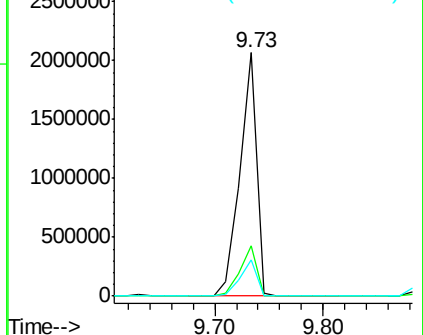
153 14.7 10.4 15.6

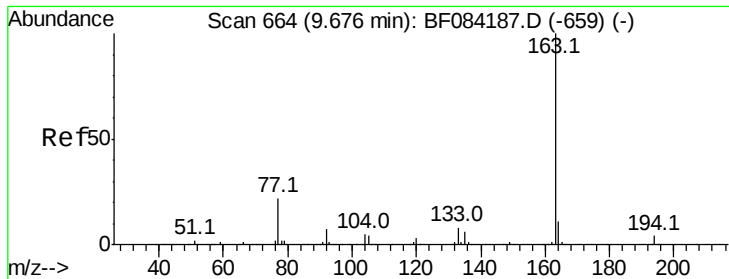


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

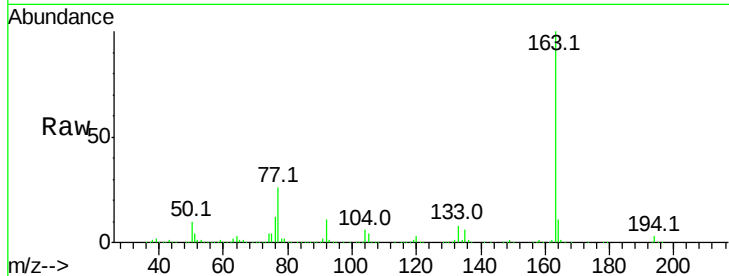




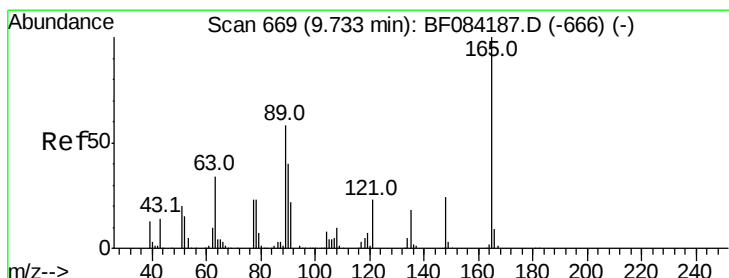
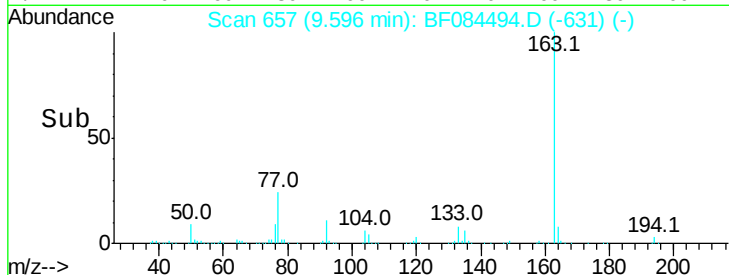
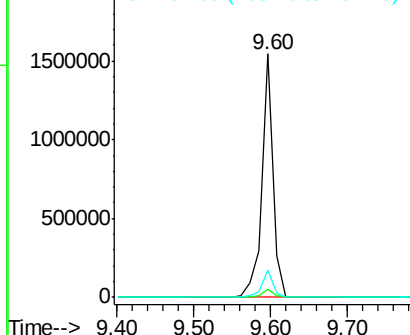
#49
Dimethylphthalate
Concen: 39.40 ng
RT: 9.60 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1518856
Ion Ratio Lower Upper
163 100
194 3.2 8.0 12.0#
164 11.0 8.0 12.0

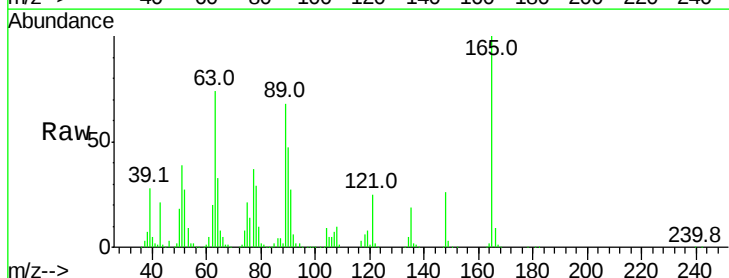


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

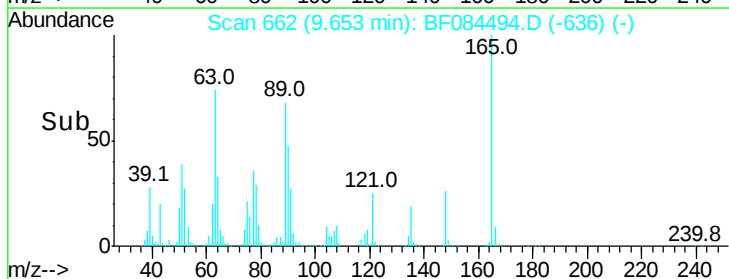
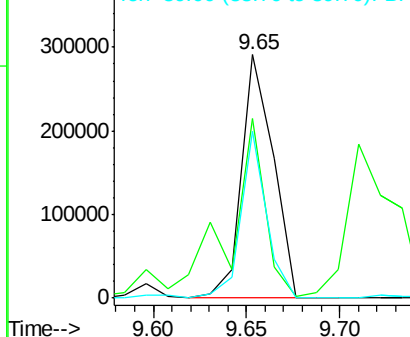


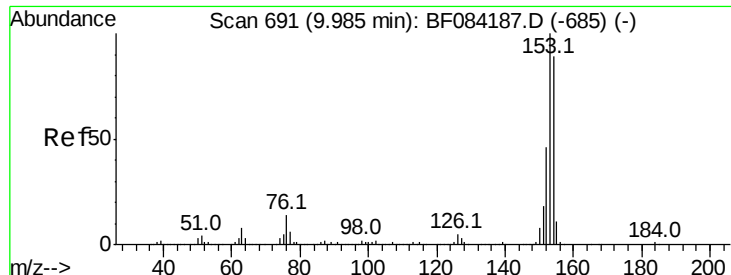
#50
2,6-Dinitrotoluene
Concen: 40.44 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Tgt Ion:165 Resp: 341948
Ion Ratio Lower Upper
165 100
63 73.8 28.8 43.2#
89 68.3 35.1 52.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.90 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

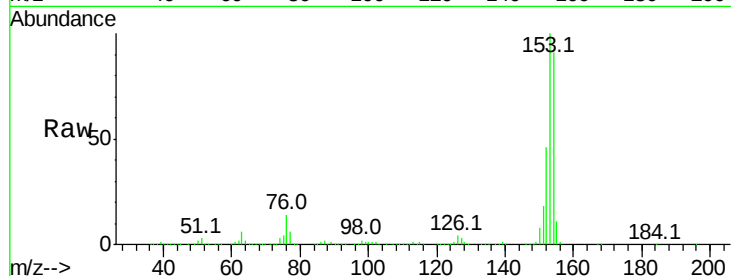
Tot Ion:154 Resp: 1598144

Ion Ratio Lower Upper

154 100

153 110.3 91.5 137.3

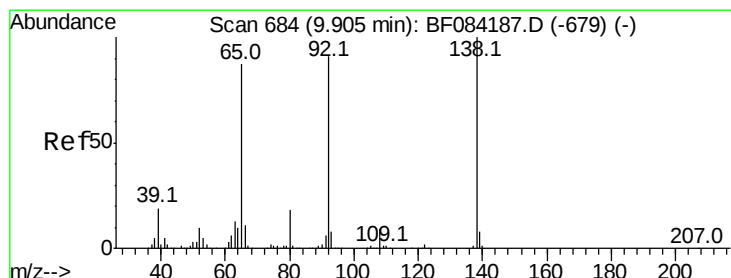
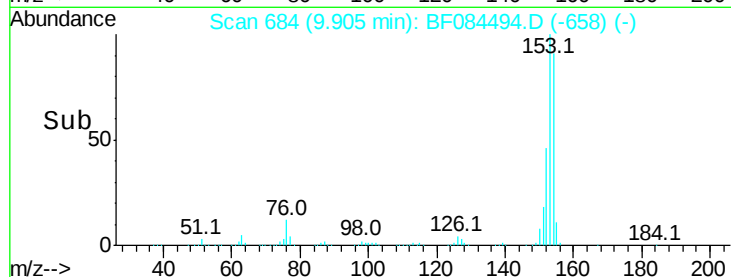
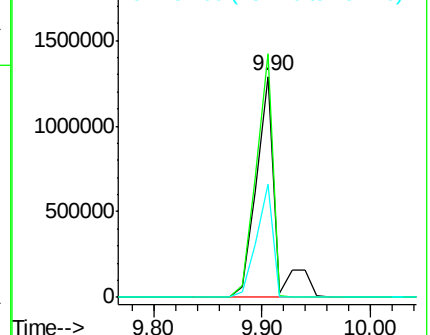
152 51.2 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 8.05 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

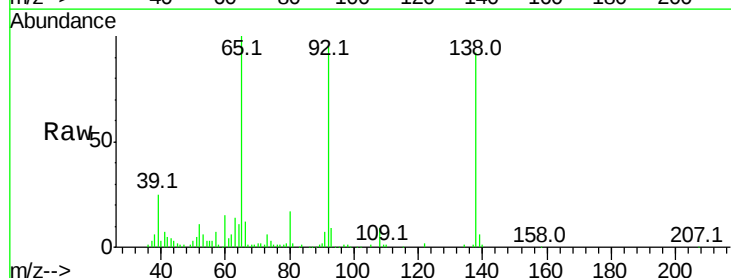
Tgt Ion:138 Resp: 84399

Ion Ratio Lower Upper

138 100

108 9.9 10.5 15.7#

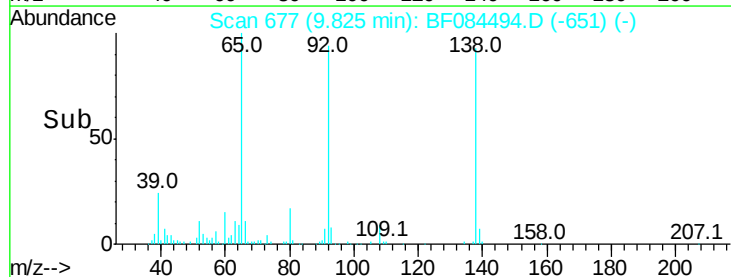
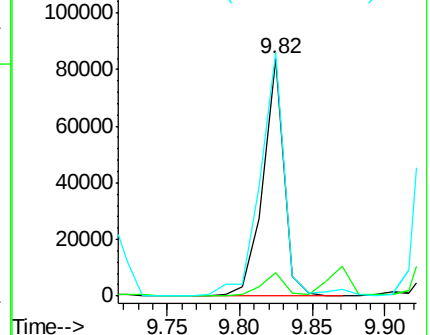
92 102.4 103.9 155.9#

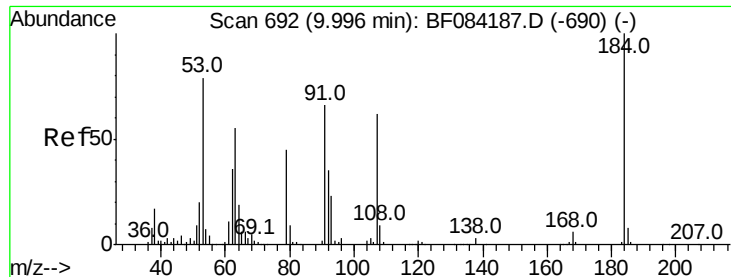


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

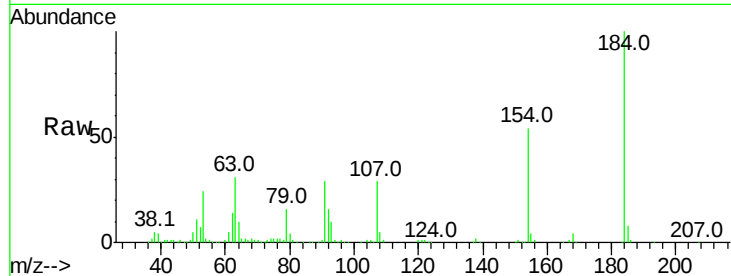




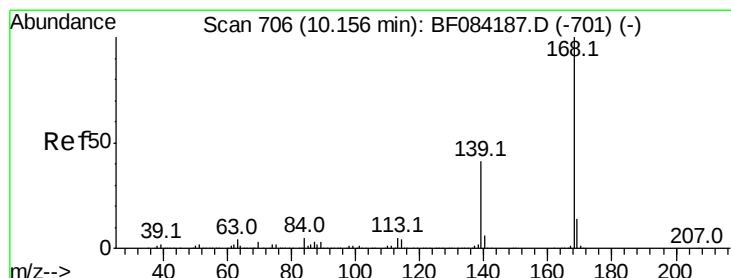
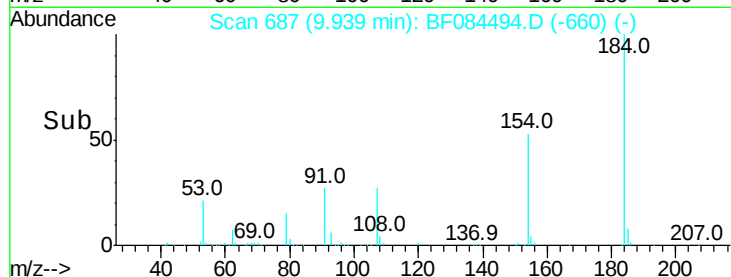
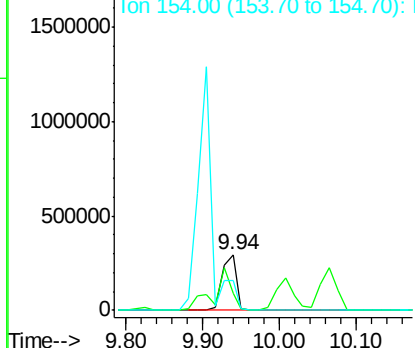
#53
2,4-Dinitrophenol
Concen: 111.32 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 406215
Ion Ratio Lower Upper
184 100
63 31.1 43.1 64.7#
154 53.7 60.5 90.7#

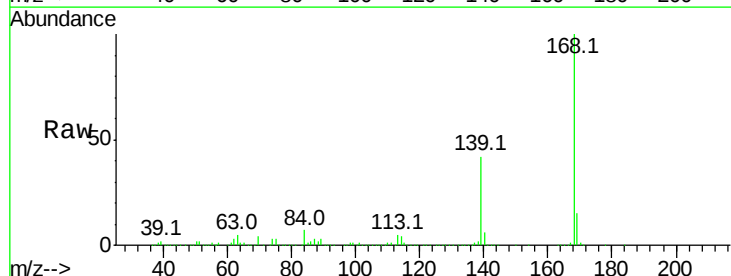


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

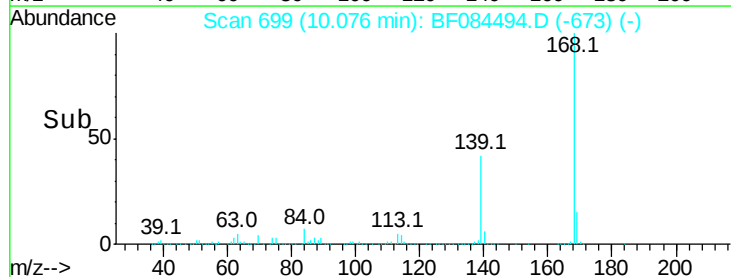
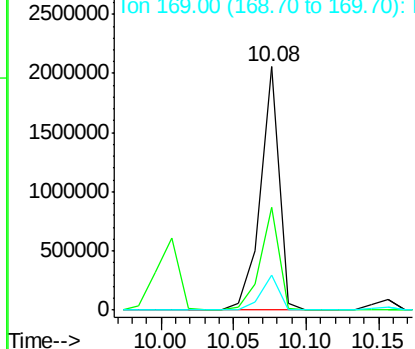


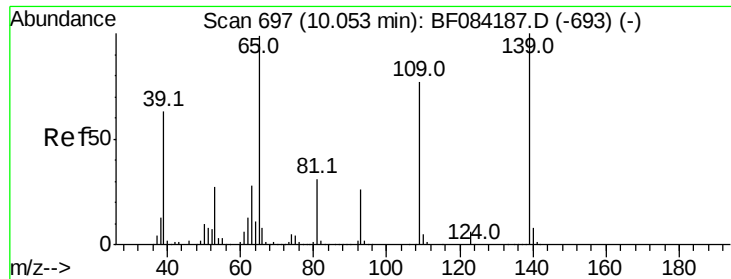
#54
Dibenzofuran
Concen: 42.46 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Tgt Ion:168 Resp: 1841894
Ion Ratio Lower Upper
168 100
139 42.0 30.5 45.7
169 14.6 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

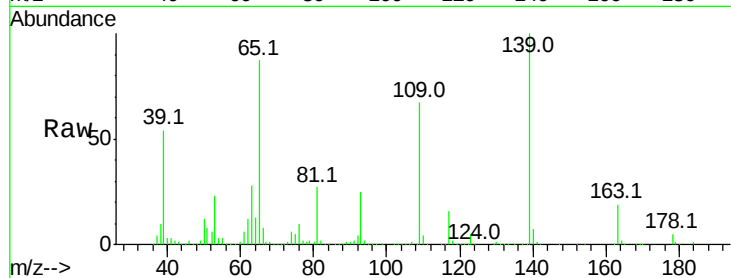




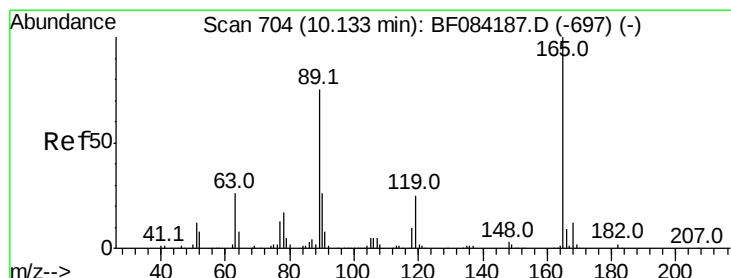
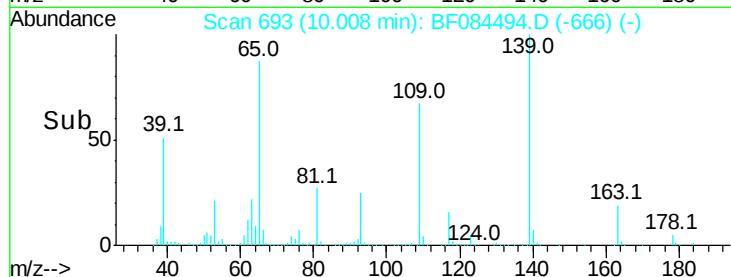
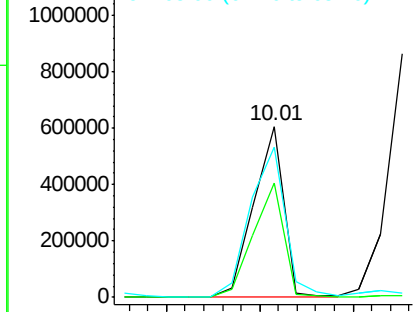
#55
4-Nitrophenol
Concen: 88.80 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 675373
Ion Ratio Lower Upper
139 100
109 66.7 58.5 98.5
65 87.5 57.6 97.6

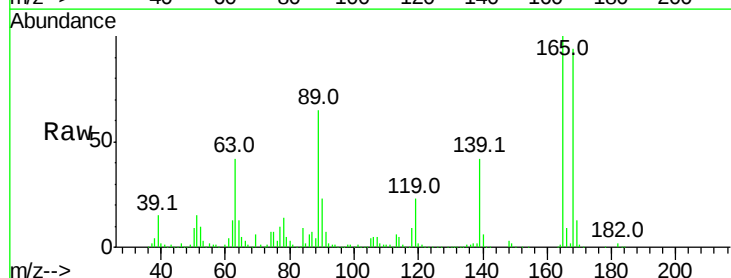


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

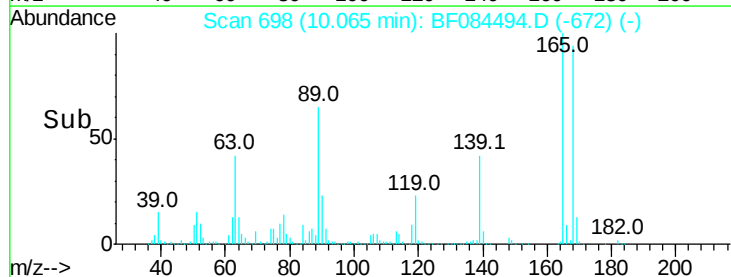
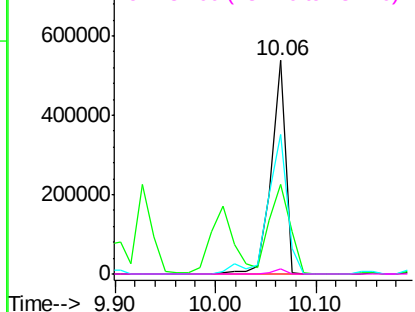


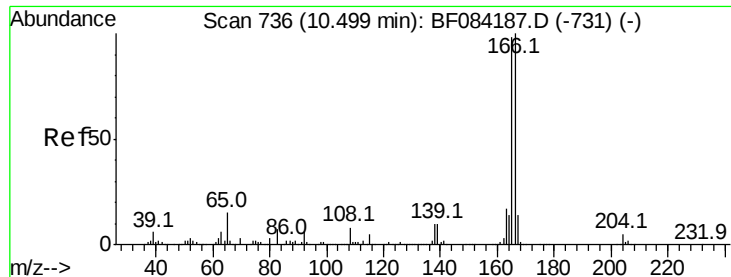
#56
2,4-Dinitrotoluene
Concen: 49.77 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Tgt Ion:165 Resp: 532675
Ion Ratio Lower Upper
165 100
63 42.0 36.7 55.1
89 65.3 61.9 92.9
182 2.4 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

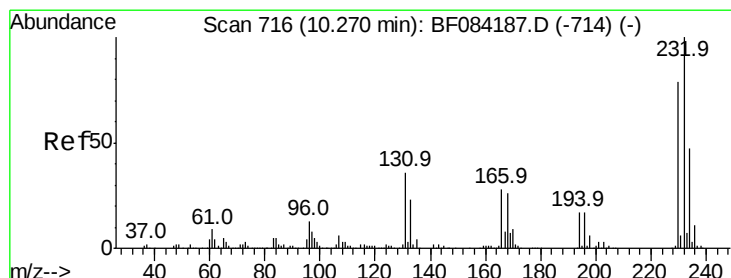
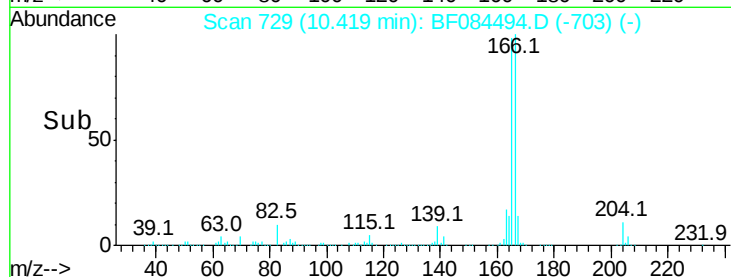
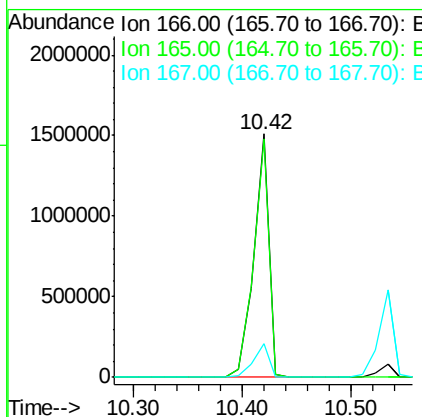
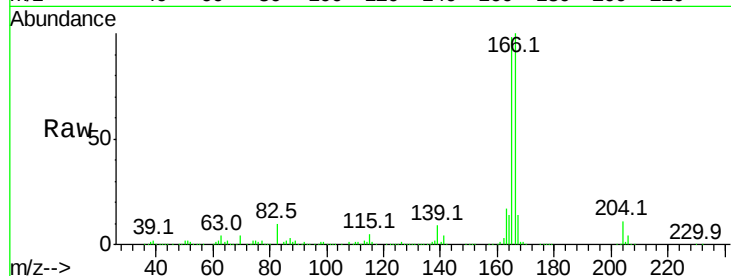




#57
 Fluorene
 Concen: 43.91 ng
 RT: 10.42 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF084494.D
 Acq: 15 Jan 2016 16:45

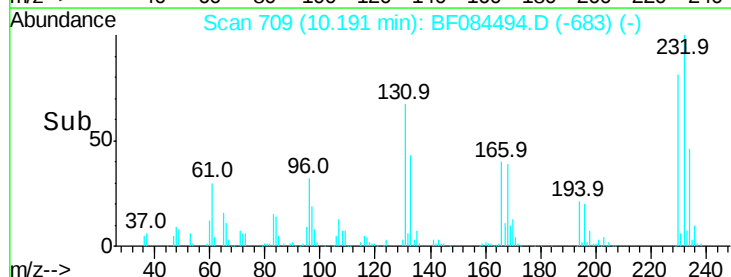
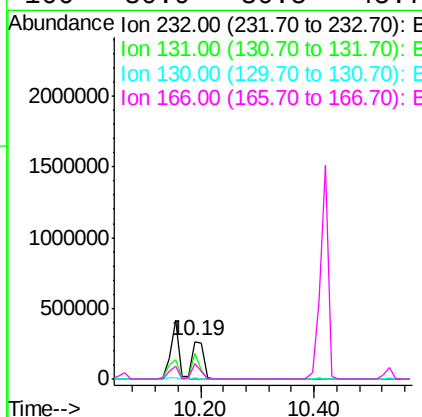
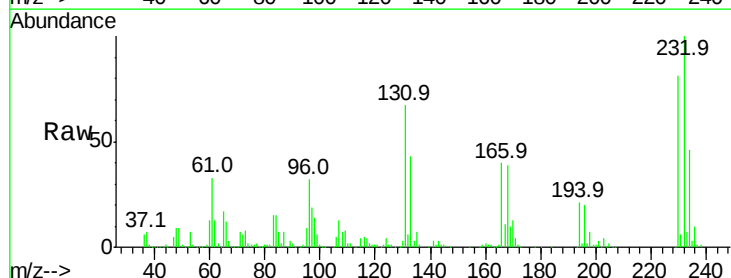
Instrument :
 BNA_F
 ClientSampleId :

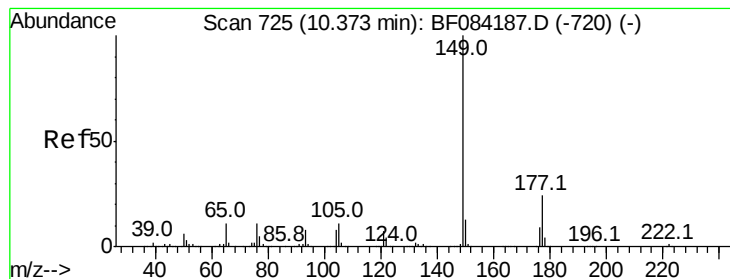
Tot Ion:166 Resp: 1469087
 Ion Ratio Lower Upper
 166 100
 165 98.0 79.1 118.7
 167 13.7 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.75 ng
 RT: 10.19 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF084494.D
 Acq: 15 Jan 2016 16:45

Tgt Ion:232 Resp: 377325
 Ion Ratio Lower Upper
 232 100
 131 48.1 47.0 70.6
 130 2.3 2.0 3.0
 166 30.9 30.5 45.7





#59

Diethylphthalate

Concen: 41.49 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Instrument :

BNA_F

ClientSampled :

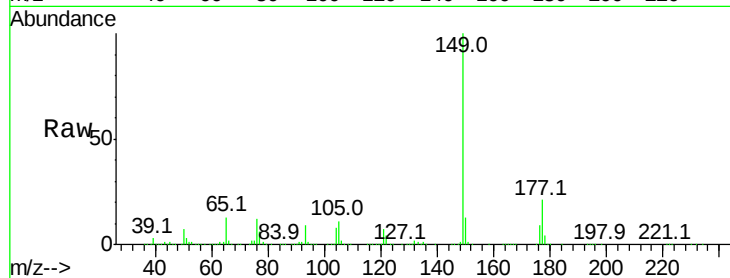
Tot Ion:149 Resp: 1577273

Ion Ratio Lower Upper

149 100

177 21.2 17.3 25.9

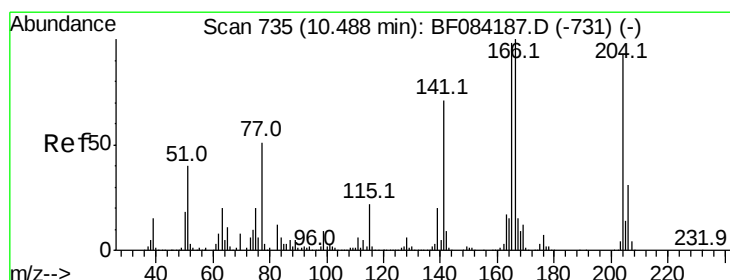
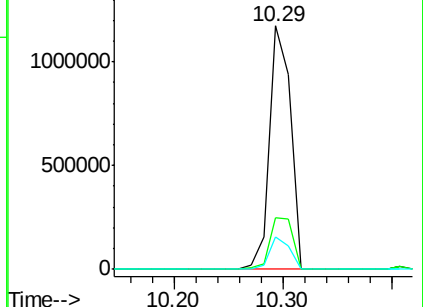
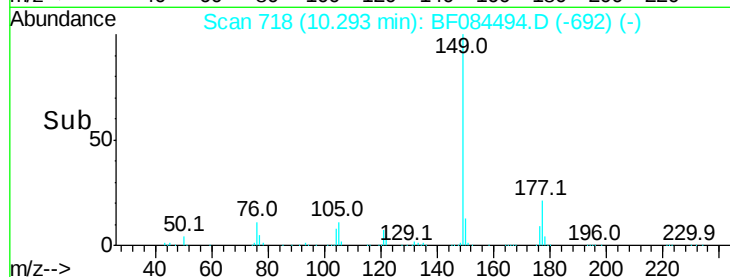
150 13.4 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.64 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

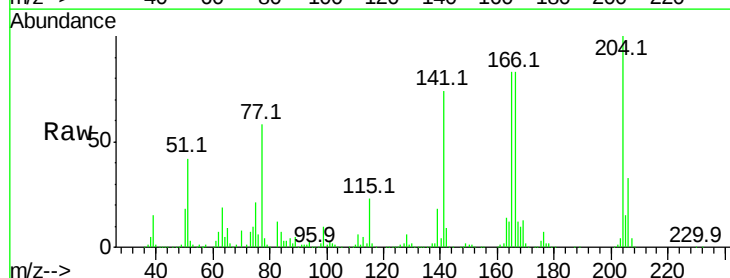
Tgt Ion:204 Resp: 607036

Ion Ratio Lower Upper

204 100

206 32.9 25.7 38.5

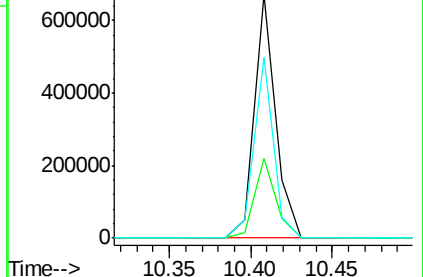
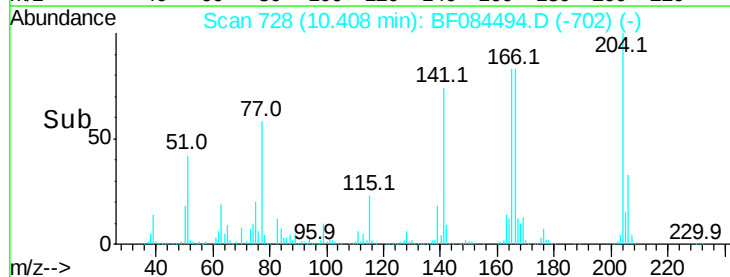
141 74.2 55.1 82.7

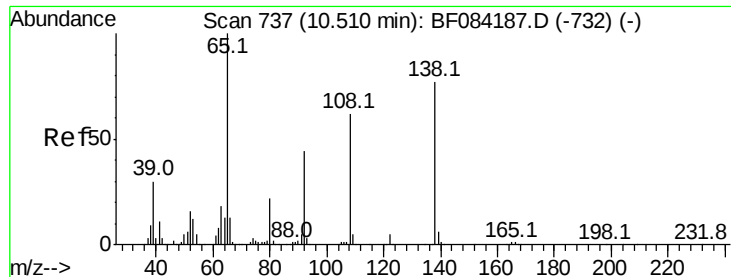


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

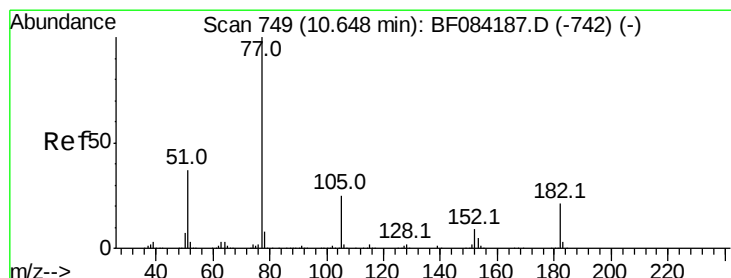
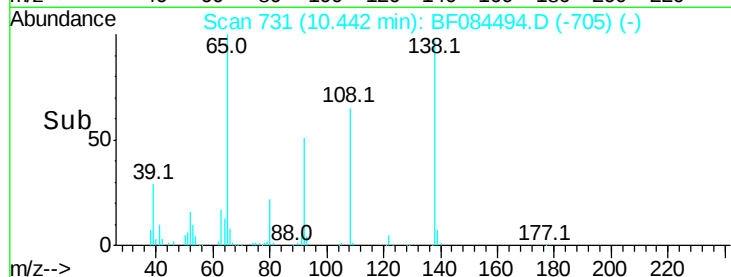
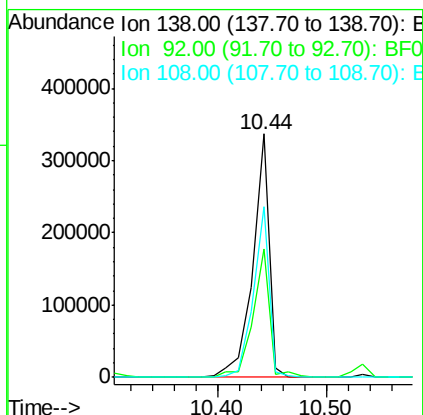
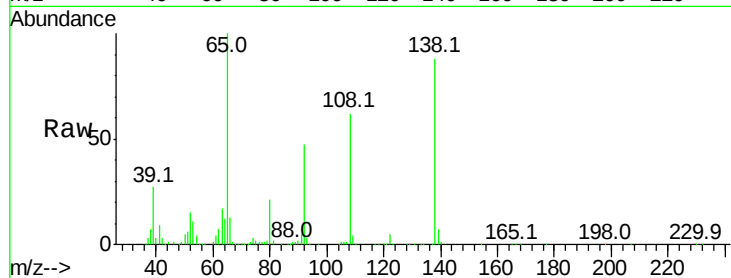




#61
4-Nitroaniline
Concen: 38.10 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

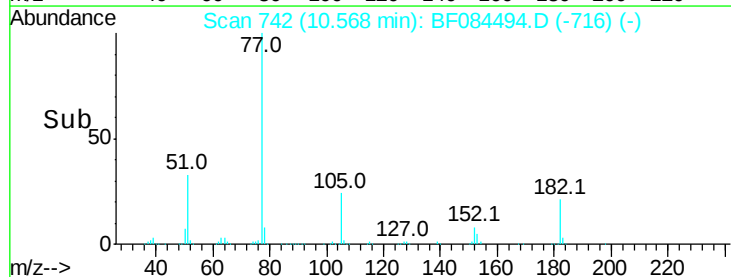
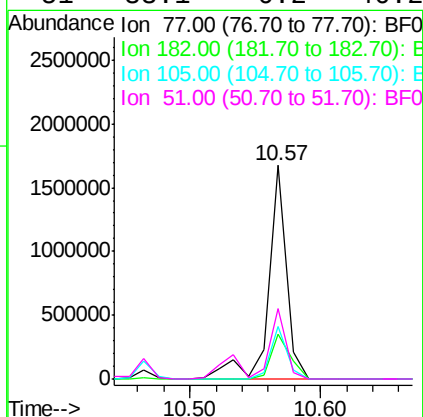
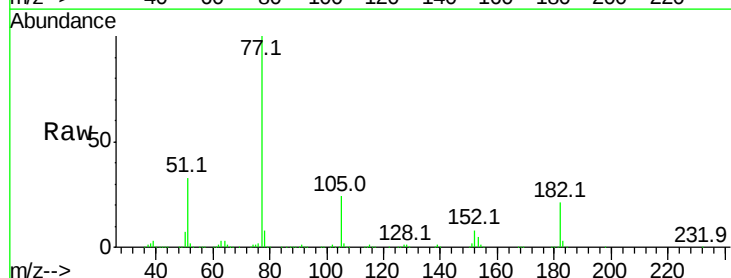
Instrument :
BNA_F
ClientSampleId :

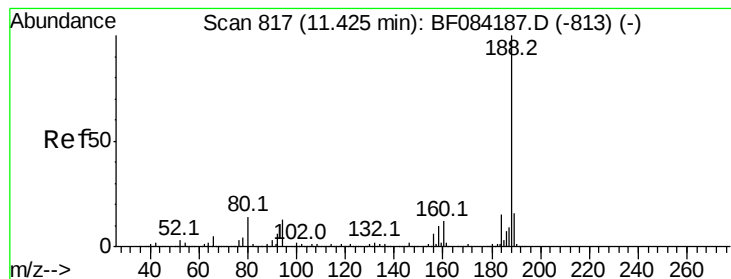
Tot Ion:138 Resp: 355875
Ion Ratio Lower Upper
138 100
92 52.7 32.6 72.6
108 70.2 68.6 108.6



#62
Azobenzene
Concen: 38.89 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Tgt Ion: 77 Resp: 1621445
Ion Ratio Lower Upper
77 100
182 20.7 8.3 48.3
105 24.3 4.6 44.6
51 33.1 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

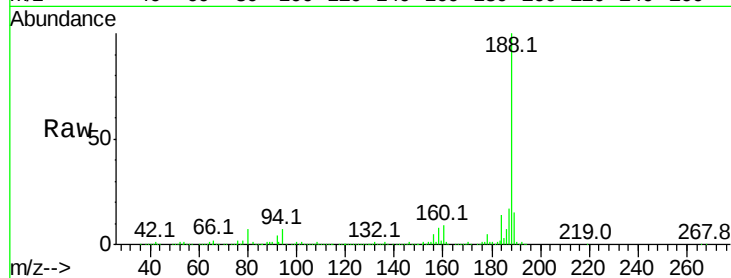
Tot Ion:188 Resp: 939707

Ion Ratio Lower Upper

188 100

94 6.9 9.0 13.4#

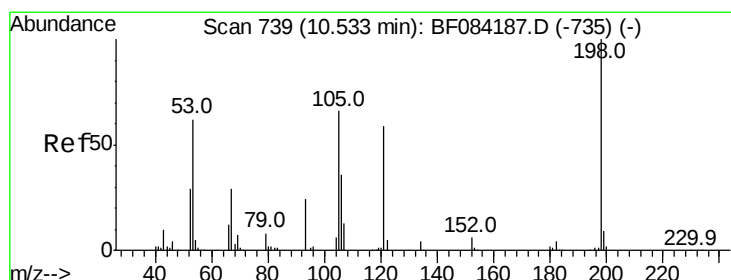
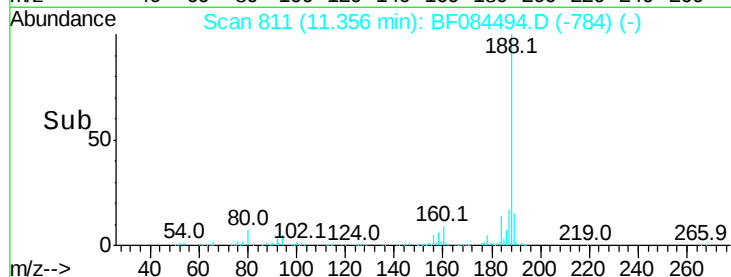
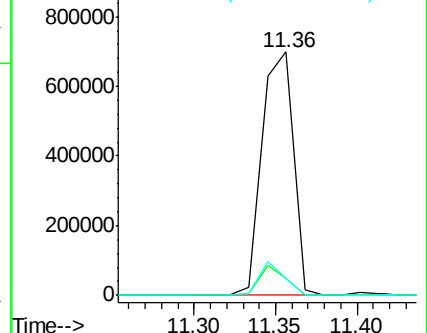
80 7.0 9.6 14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.53 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

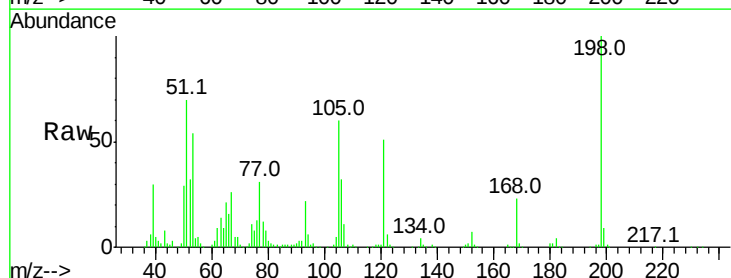
Tgt Ion:198 Resp: 249373

Ion Ratio Lower Upper

198 100

51 69.6 18.9 58.9#

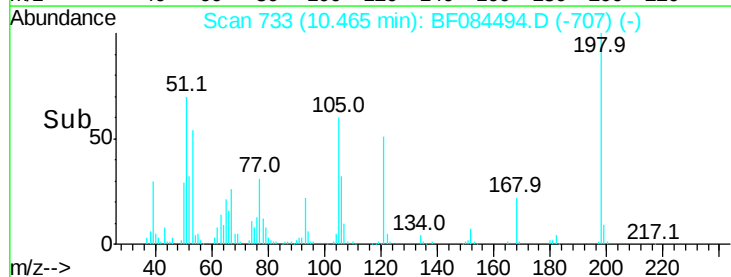
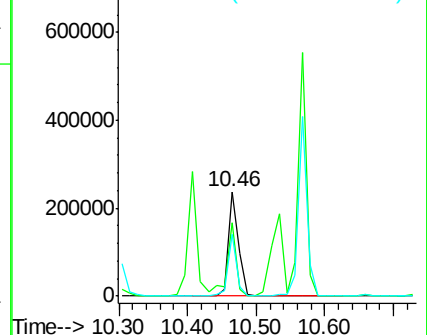
105 59.7 26.4 66.4

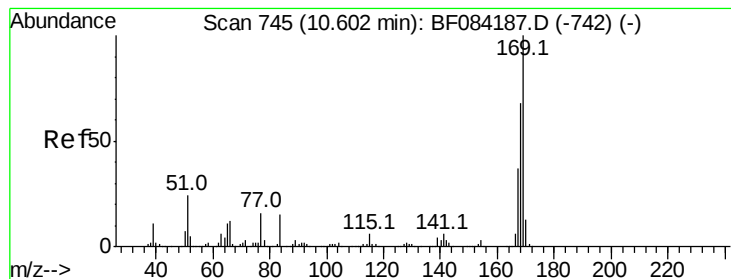


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.11 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

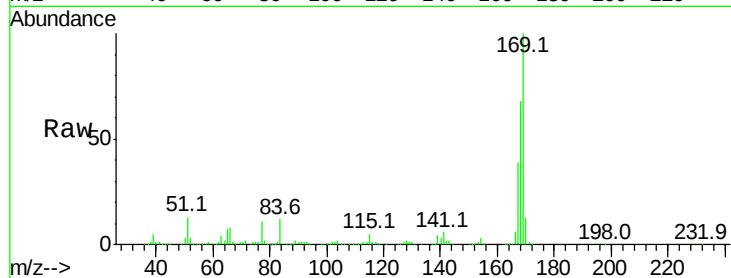
Tot Ion:169 Resp: 1325287

Ion Ratio Lower Upper

169 100

168 68.4 55.1 82.7

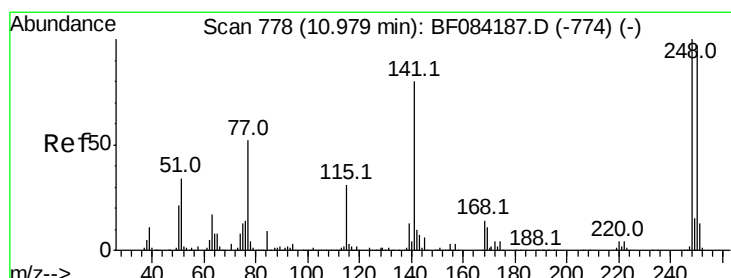
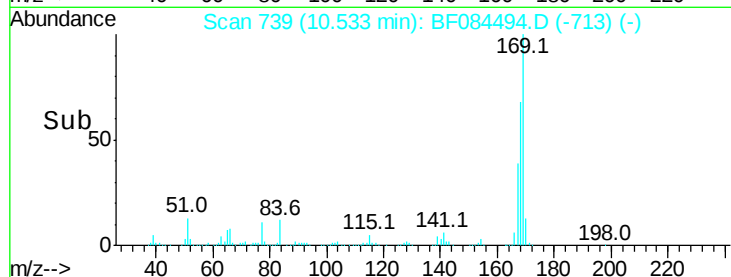
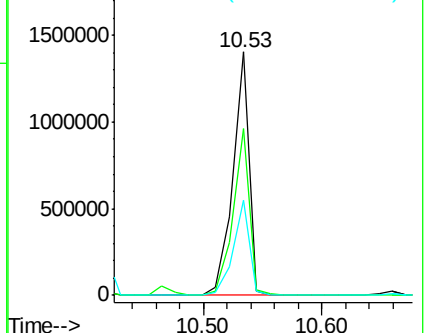
167 38.9 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.49 ng

RT: 10.90 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

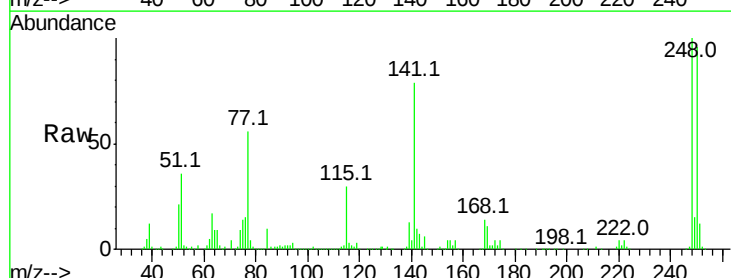
Tgt Ion:248 Resp: 439924

Ion Ratio Lower Upper

248 100

250 96.0 78.4 117.6

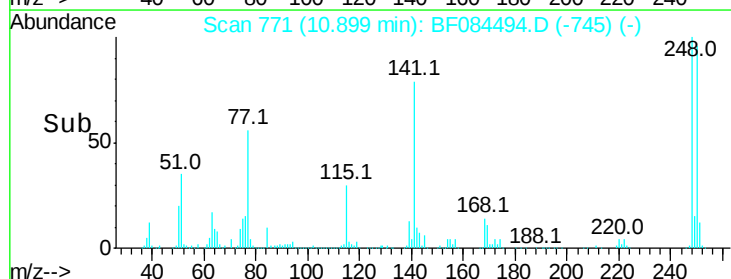
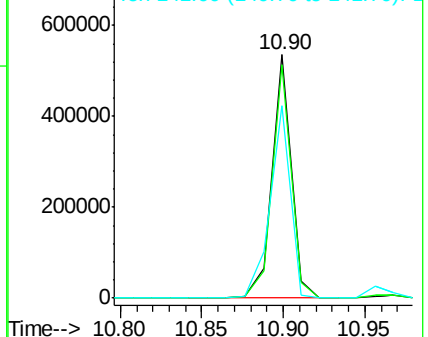
141 79.2 44.0 66.0#

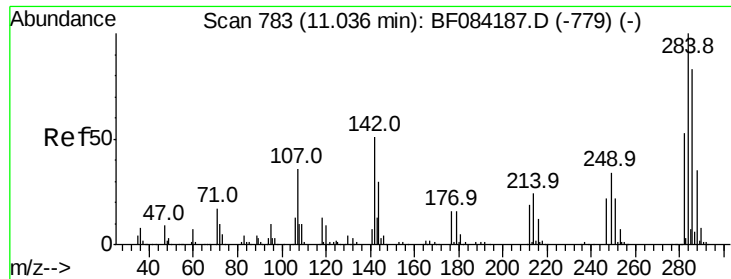


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

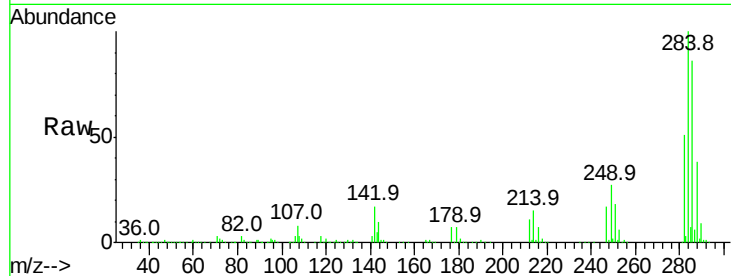




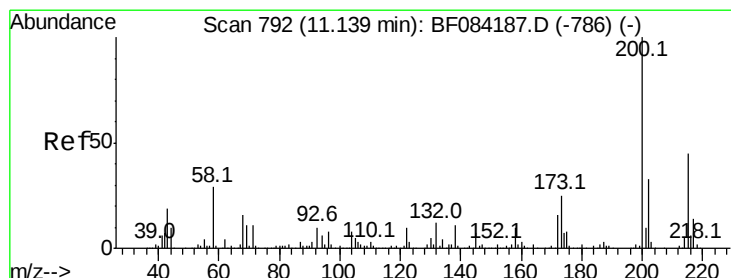
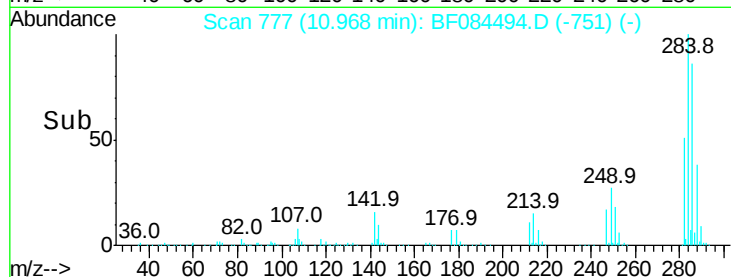
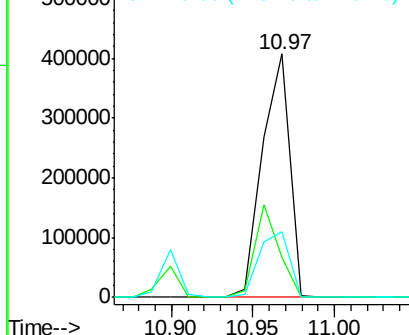
#67
Hexachlorobenzene
Concen: 41.70 ng
RT: 10.97 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 474730
Ion Ratio Lower Upper
284 100
142 16.6 22.2 33.4#
249 27.1 24.6 37.0

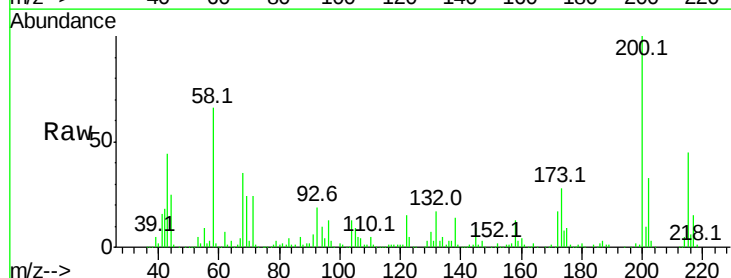


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

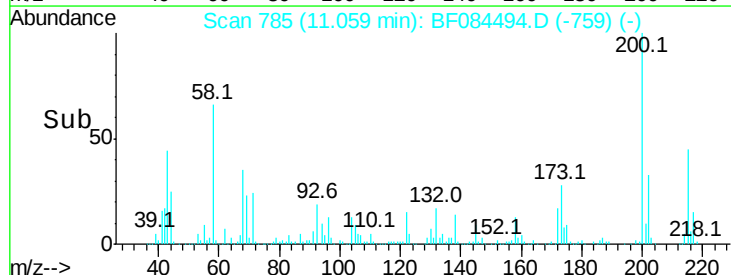
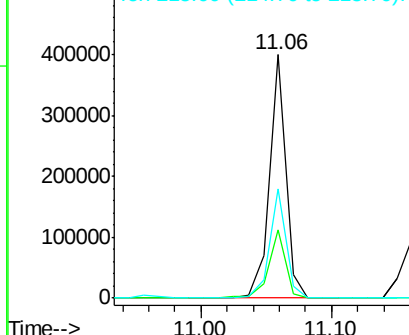


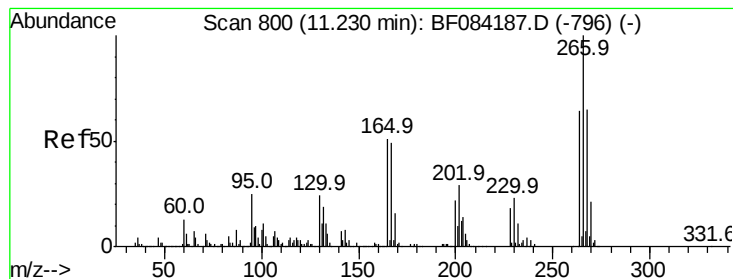
#68
Atrazine
Concen: 35.94 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Tgt Ion:200 Resp: 353371
Ion Ratio Lower Upper
200 100
173 28.0 9.5 49.5
215 44.8 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 78.51 ng

RT: 11.16 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

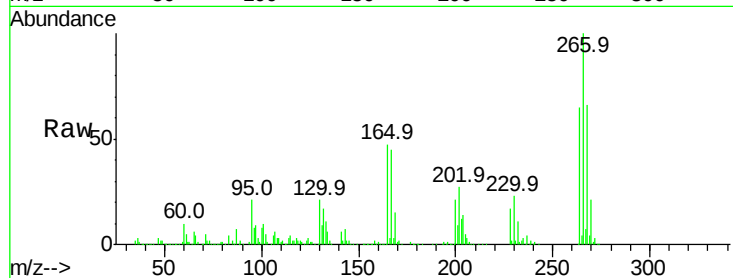
Tot Ion:266 Resp: 463424

Ion Ratio Lower Upper

266 100

268 66.1 52.4 78.6

264 65.2 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

600000

500000

400000

300000

200000

100000

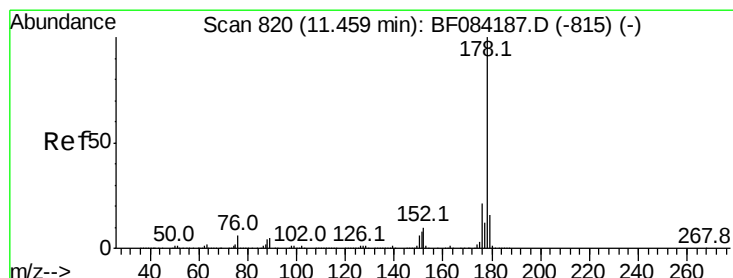
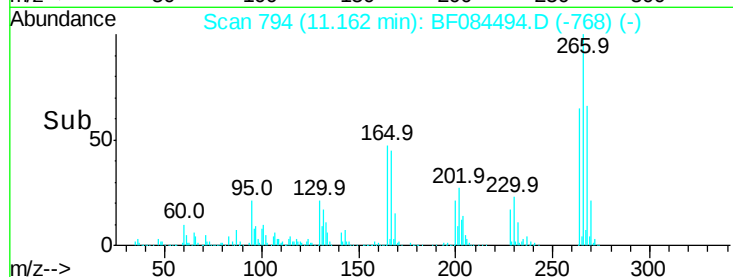
0

11.16

11.20

11.40

Time-->



#70

Phenanthrene

Concen: 44.74 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

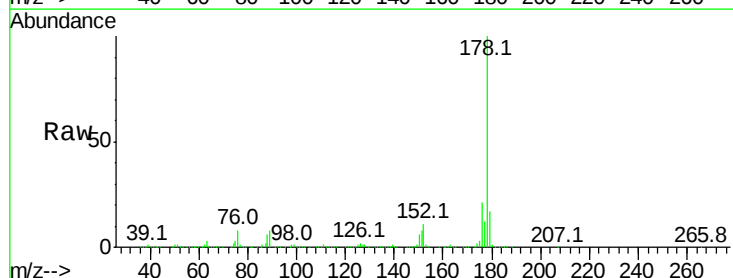
Tgt Ion:178 Resp: 2199123

Ion Ratio Lower Upper

178 100

176 21.3 15.3 22.9

179 17.2 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

3000000

2500000

2000000

1500000

1000000

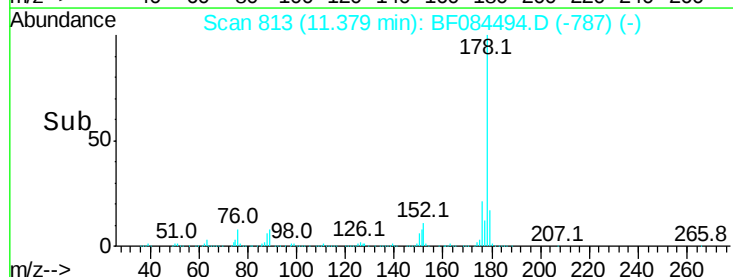
500000

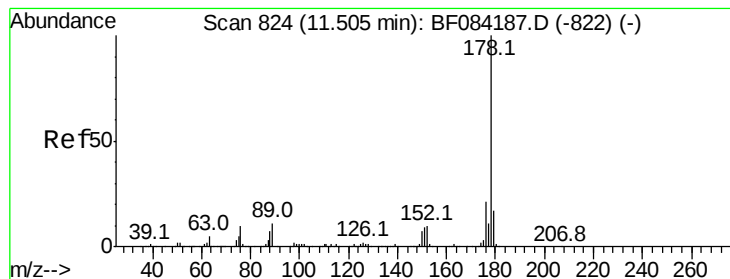
0

11.38

11.40

Time-->





#71

Anthracene

Concen: 39.78 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

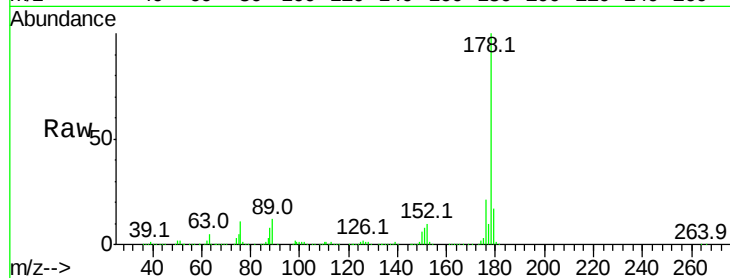
Tot Ion:178 Resp: 1916923

Ion Ratio Lower Upper

178 100

176 20.5 15.4 23.0

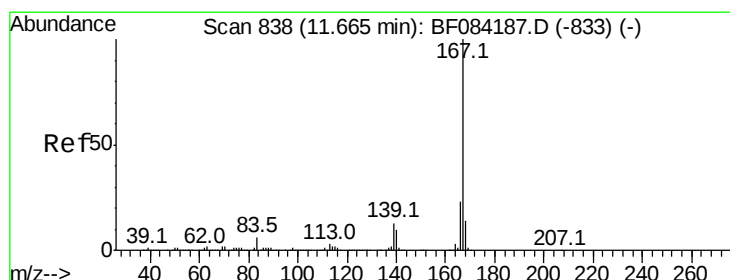
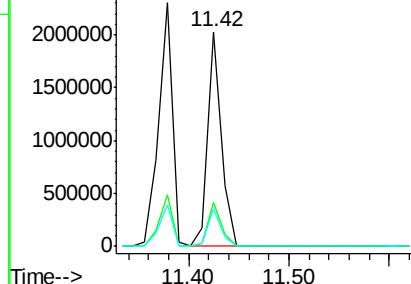
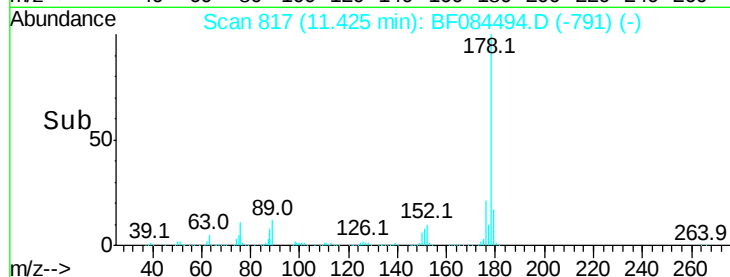
179 17.3 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.74 ng

RT: 11.58 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

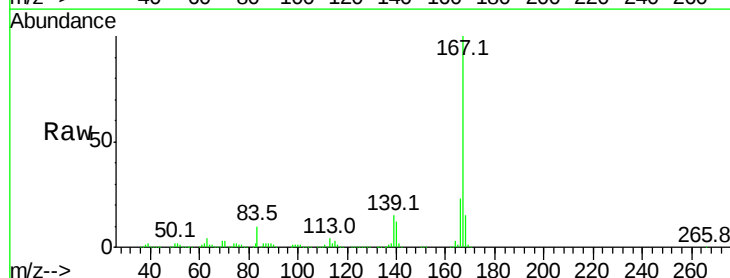
Tgt Ion:167 Resp: 1824884

Ion Ratio Lower Upper

167 100

166 23.1 17.6 26.4

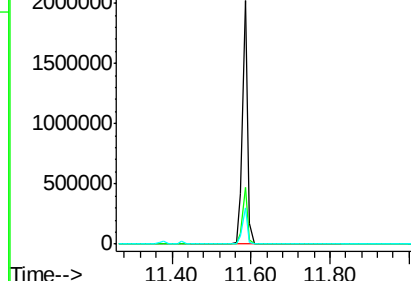
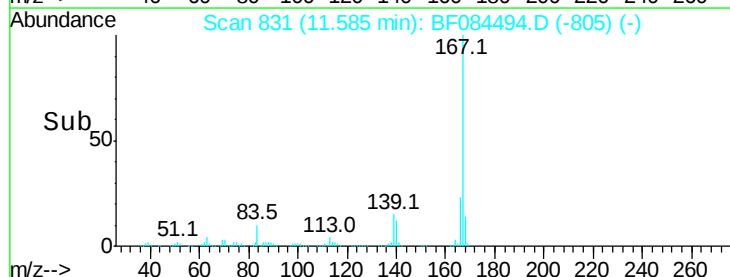
139 15.0 11.8 17.8

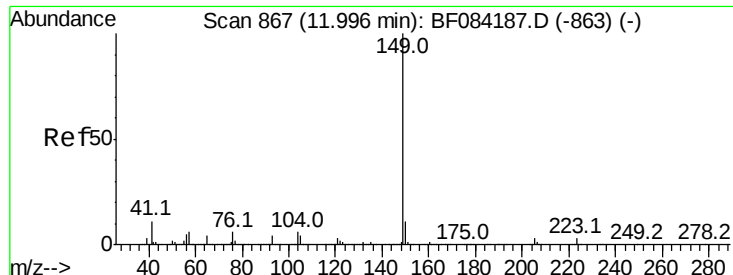


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.80 ng

RT: 11.92 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

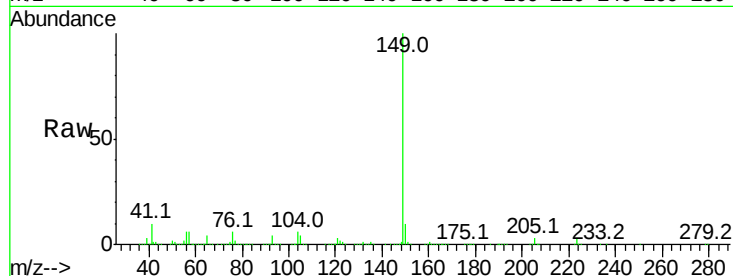
Tot Ion:149 Resp: 2245631

Ion Ratio Lower Upper

149 100

150 10.2 7.1 10.7

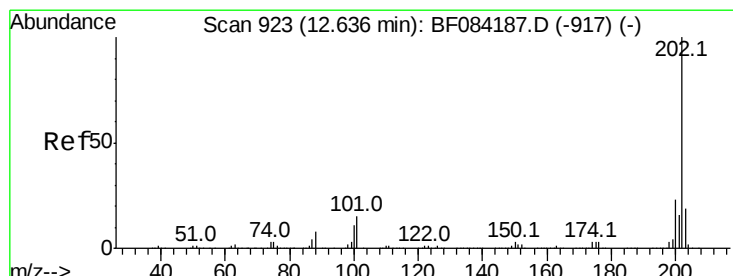
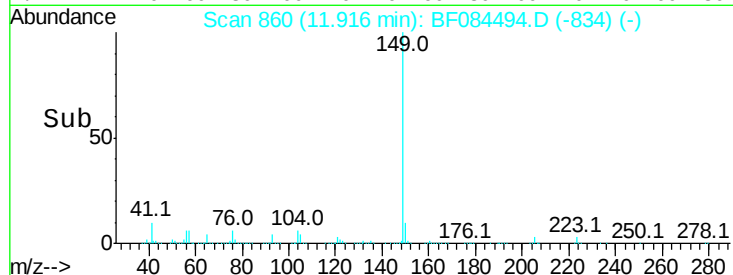
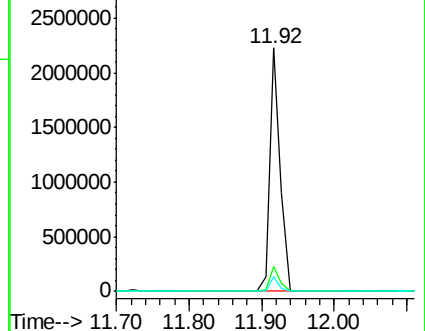
104 6.0 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.26 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

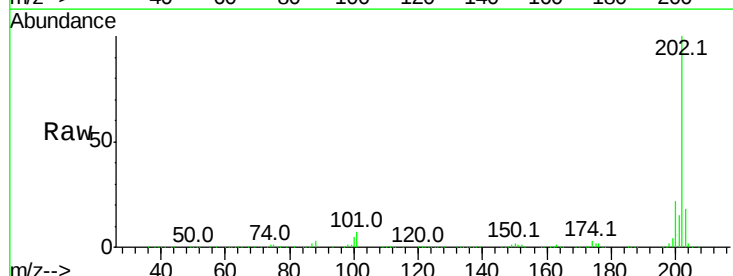
Tgt Ion:202 Resp: 2118650

Ion Ratio Lower Upper

202 100

101 7.1 0.0 32.8

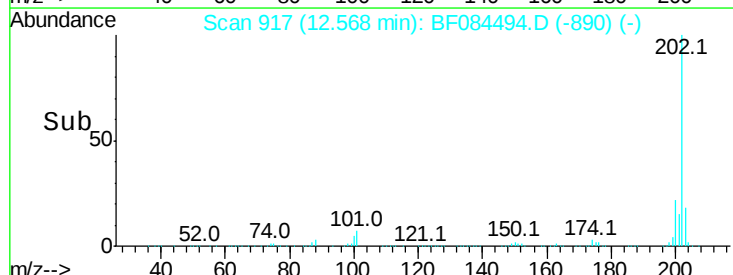
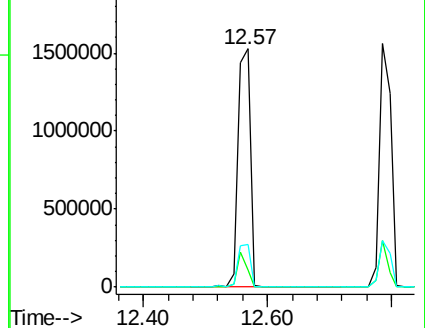
203 18.2 0.0 37.9

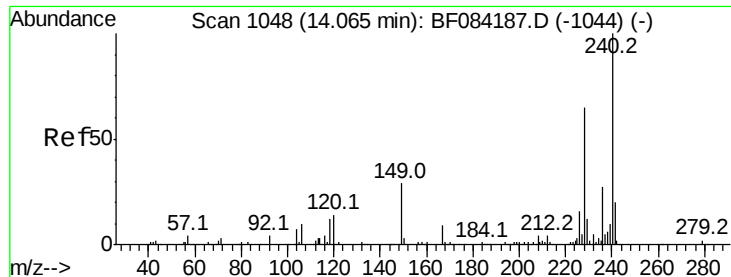


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

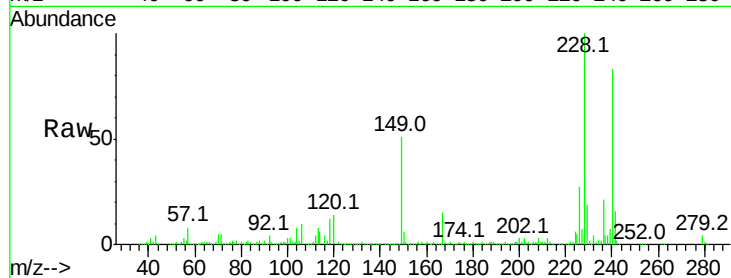
Tot Ion:240 Resp: 591798

Ion Ratio Lower Upper

240 100

120 17.1 9.5 14.3#

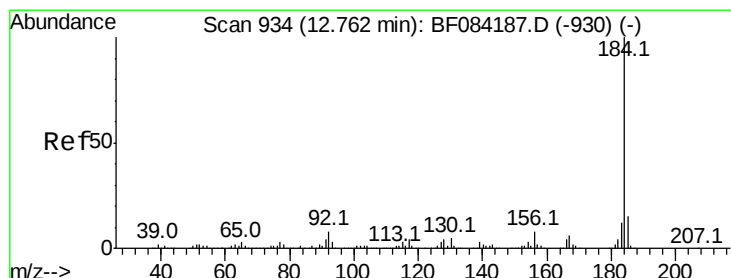
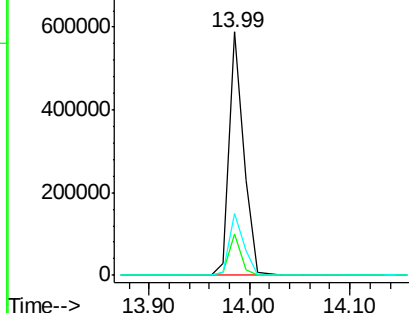
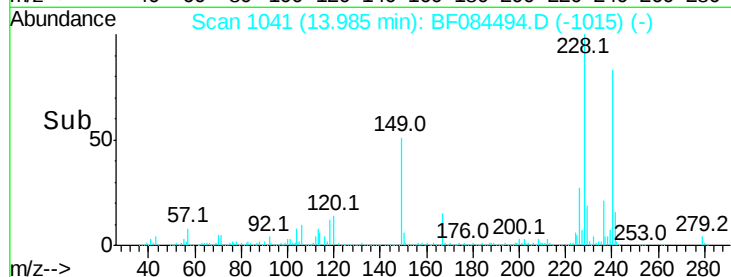
236 25.6 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 11.99 ng

RT: 12.68 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

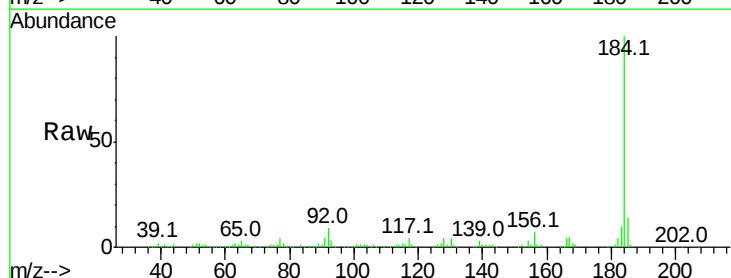
Tgt Ion:184 Resp: 254327

Ion Ratio Lower Upper

184 100

185 14.3 12.2 18.2

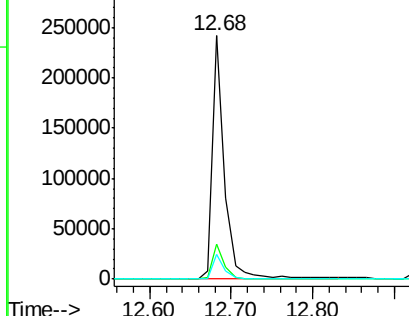
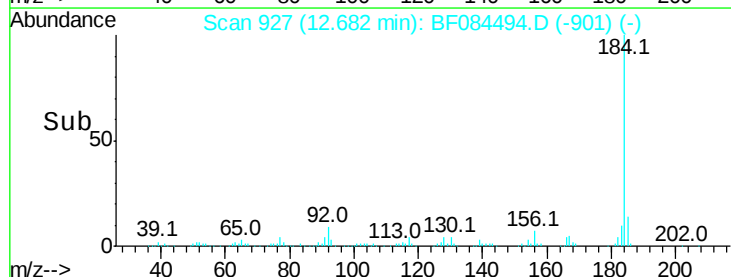
183 10.2 9.8 14.8

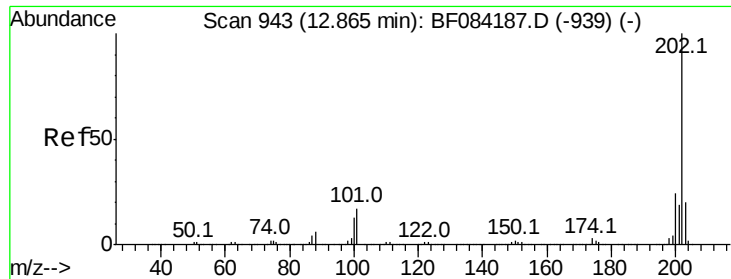


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



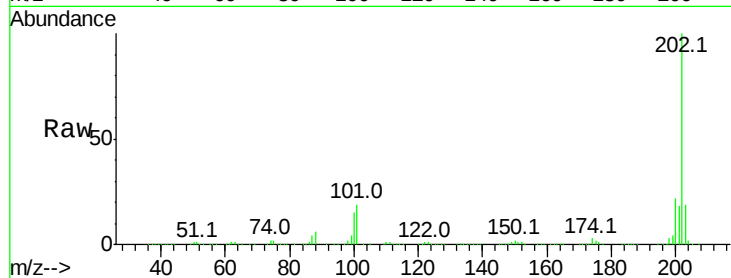


#77
 Pvrene
 Concen: 43.65 ng
 RT: 12.79 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BF084494.D
 Acq: 15 Jan 2016 16:45

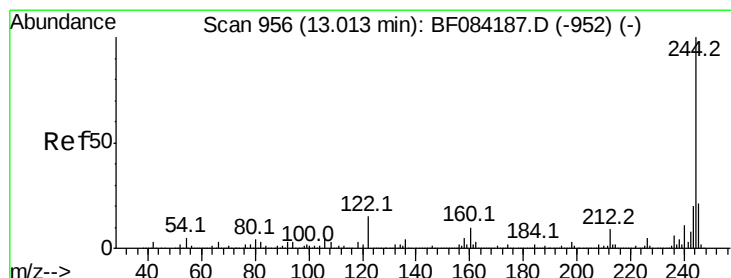
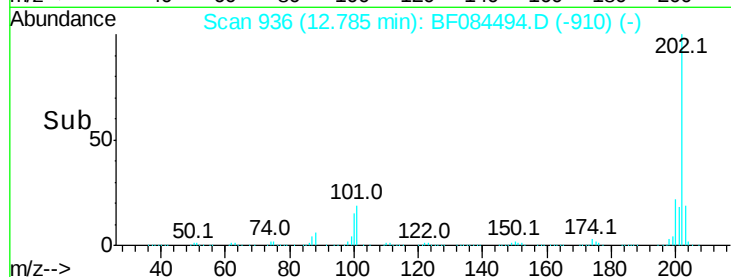
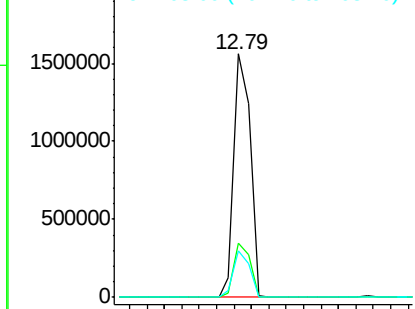
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 2027163

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.2	25.8
203	19.3	14.3	21.5



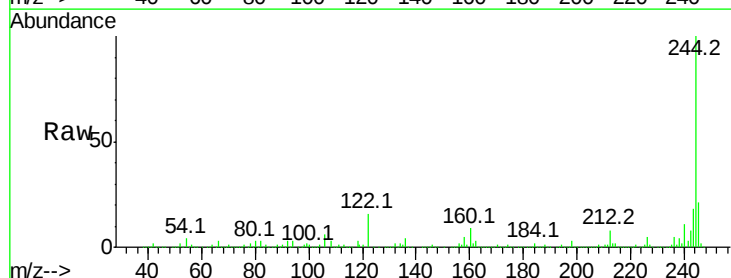
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



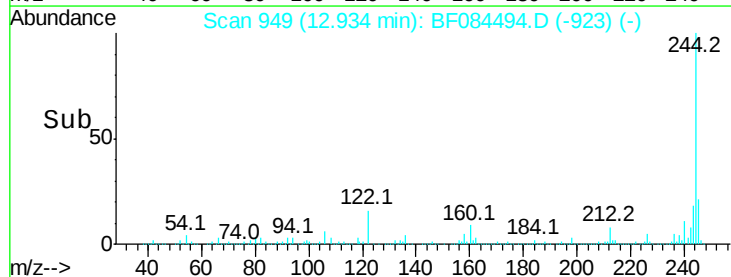
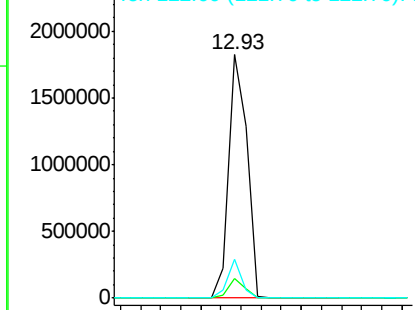
#78
 Terphenyl-d14
 Concen: 86.91 ng
 RT: 12.93 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF084494.D
 Acq: 15 Jan 2016 16:45

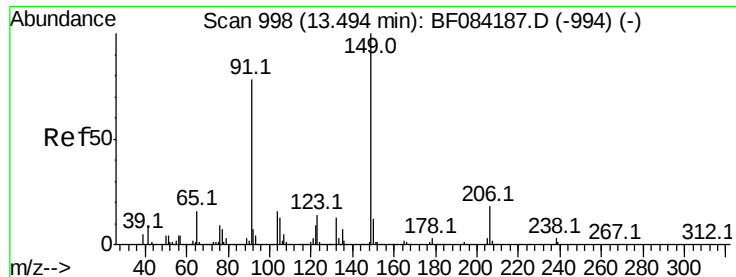
Tgt Ion:244 Resp: 2304121

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.7	8.5
122	15.8	7.4	11.0#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

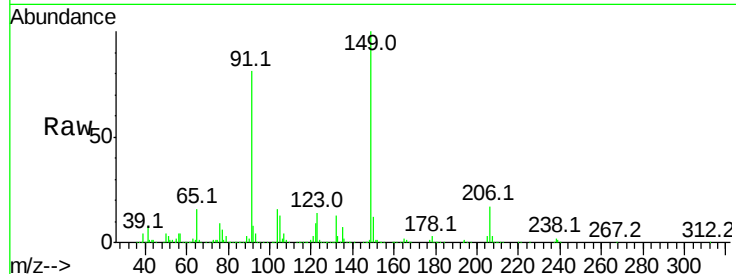




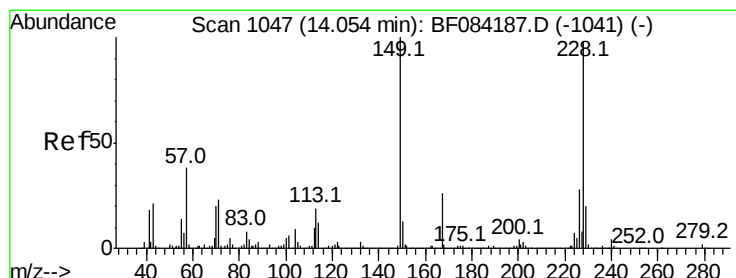
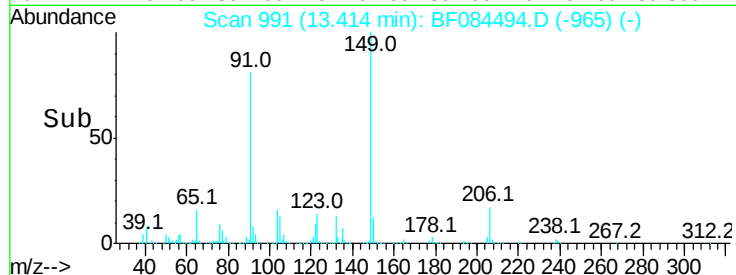
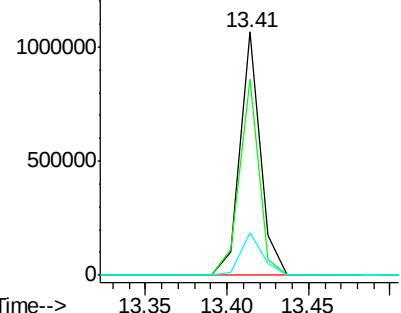
#79
Butylbenzylphthalate
Concen: 46.07 ng
RT: 13.41 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	80.6	57.6	86.4
206	17.4	13.2	19.8

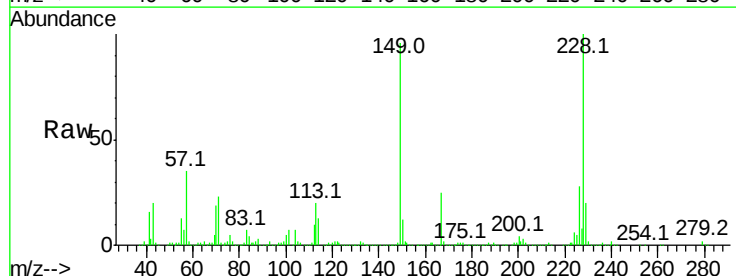


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

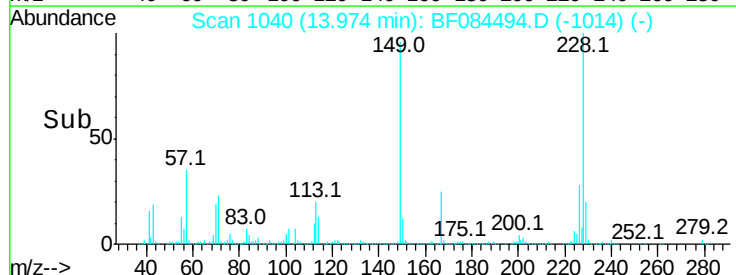
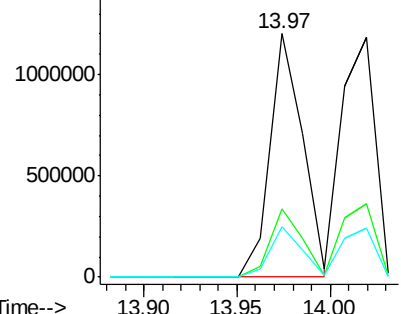


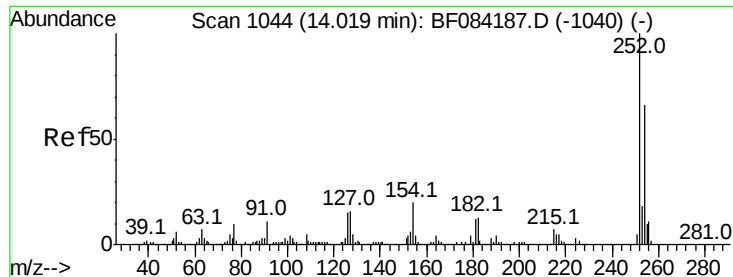
#80
Benzo(a)anthracene
Concen: 42.34 ng
RT: 13.97 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.6
229	20.4	15.8	23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

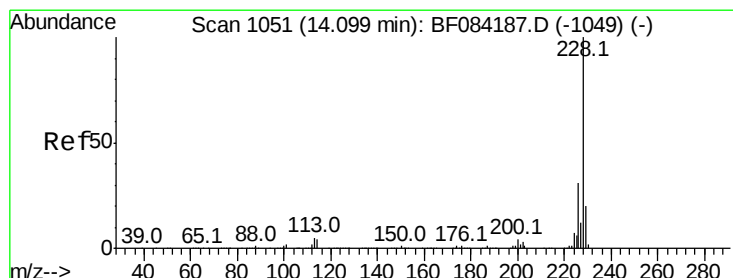
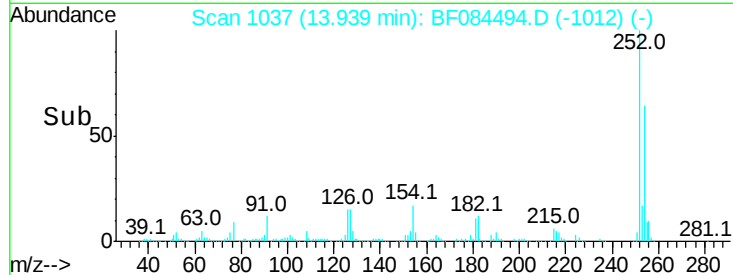
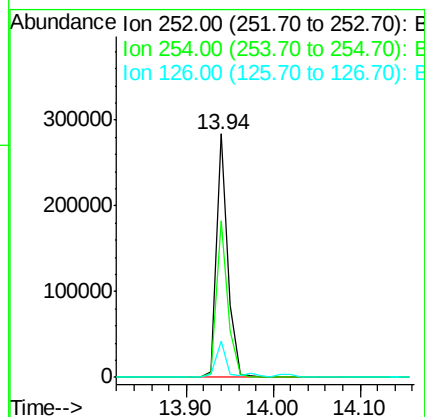
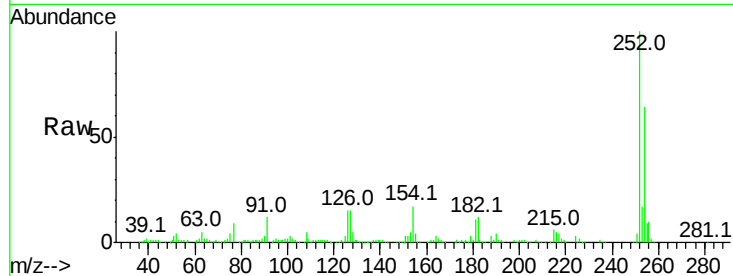




#81
 3,3'-Dichlorobenzidine
 Concen: 21.73 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF084494.D
 Acq: 15 Jan 2016 16:45

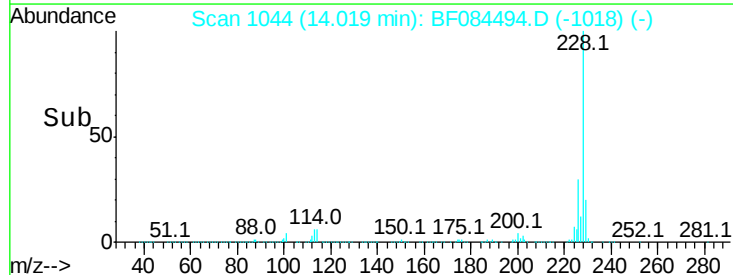
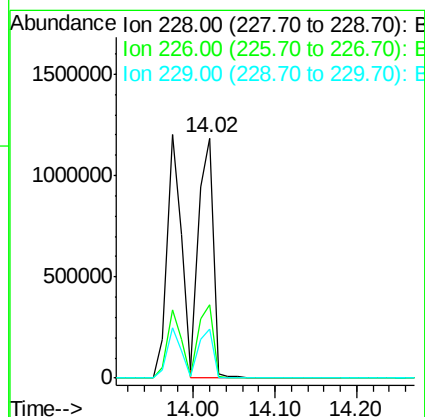
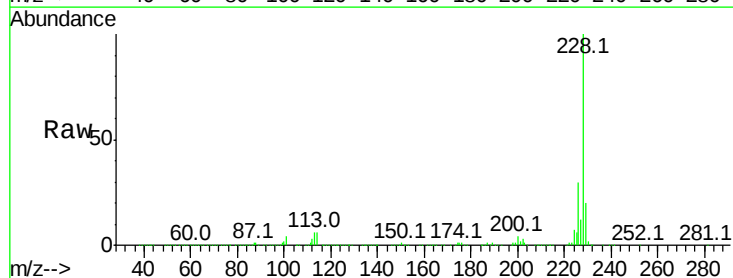
Instrument :
 BNA_F
 ClientSampleId :

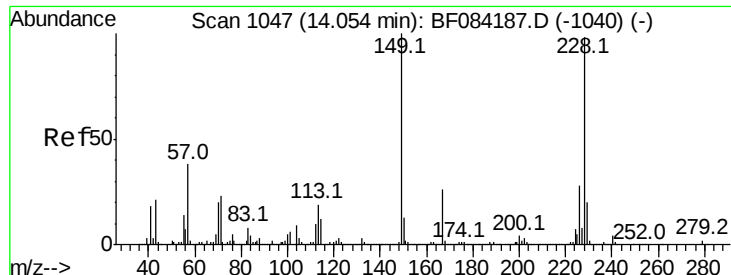
Tot Ion:252 Resp: 263574
 Ion Ratio Lower Upper
 252 100
 254 64.4 53.5 80.3
 126 15.0 4.9 7.3#



#82
 Chrysene
 Concen: 44.81 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084494.D
 Acq: 15 Jan 2016 16:45

Tgt Ion:228 Resp: 1496110
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.3 36.5
 229 20.5 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.46 ng

RT: 13.97 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

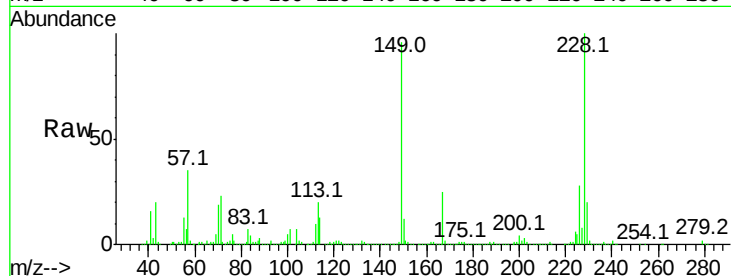
Tot Ion:149 Resp: 1103383

Ion Ratio Lower Upper

149 100

167 25.9 19.7 29.5

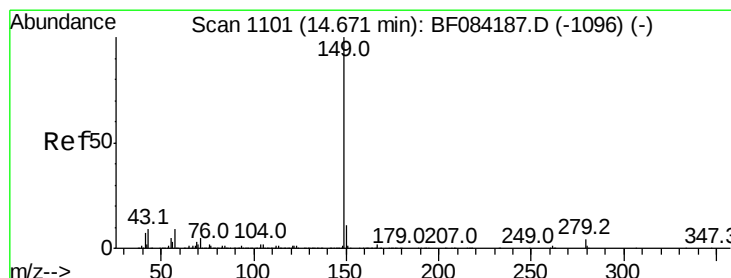
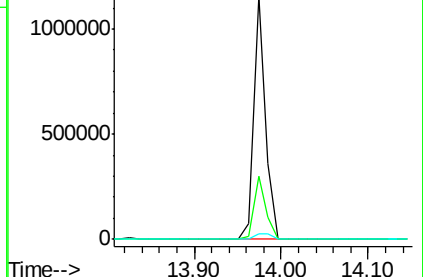
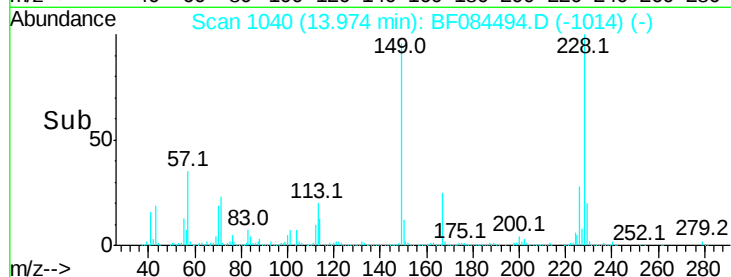
279 2.2 1.8 2.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.75 ng

RT: 14.59 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

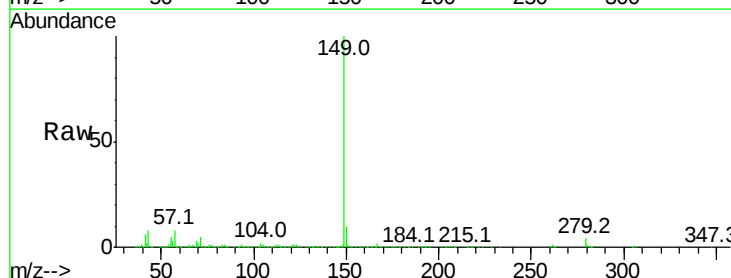
Tgt Ion:149 Resp: 1961076

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

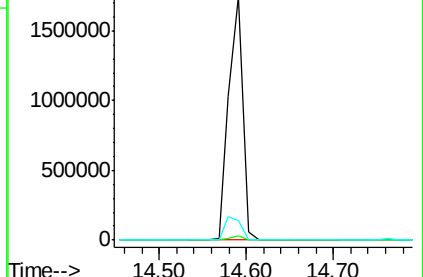
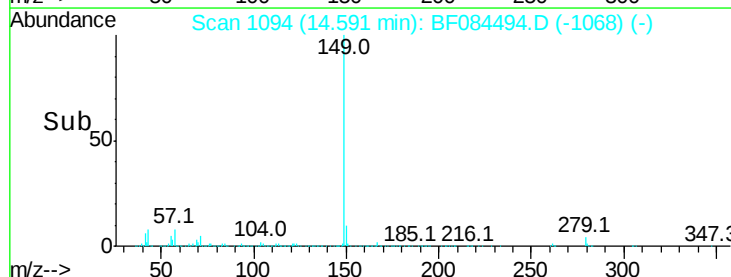
43 11.4 5.6 8.4#

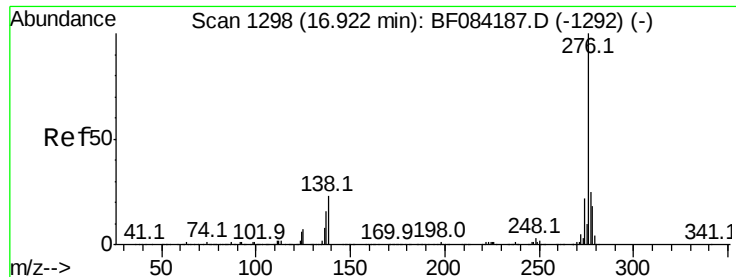


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 57.57 ng

RT: 16.79 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

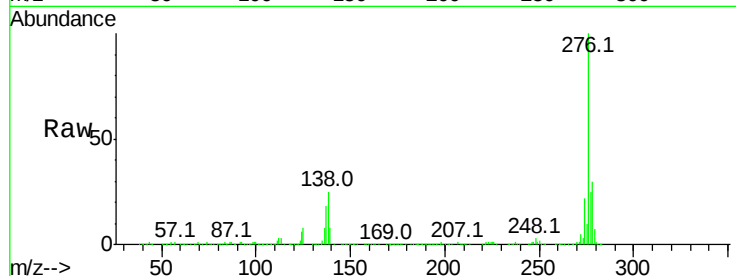
Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1523682

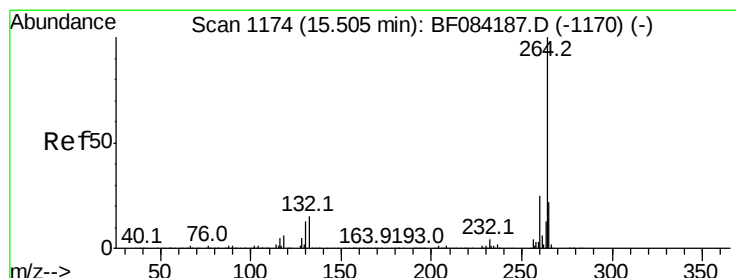
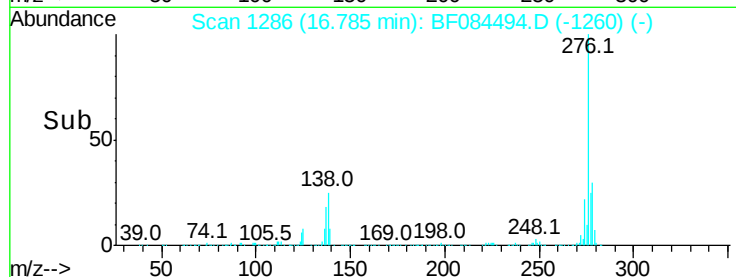
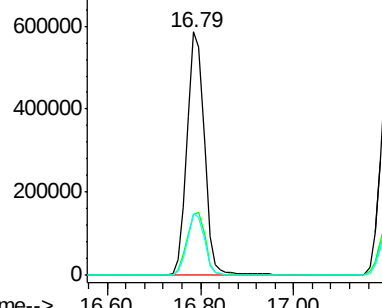
Ion	Ratio	Lower	Upper
276	100		
138	27.6	20.6	30.8
277	25.3	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1165

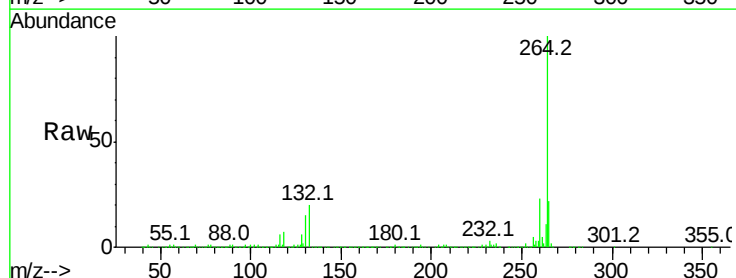
Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Tgt Ion:264 Resp: 570348

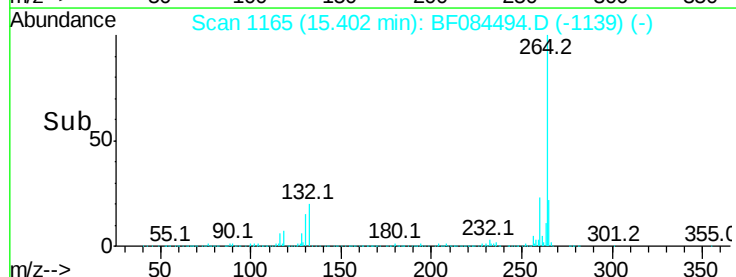
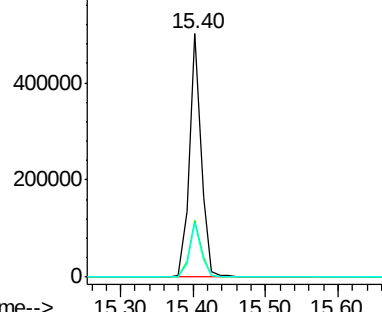
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	22.4	17.8	26.6

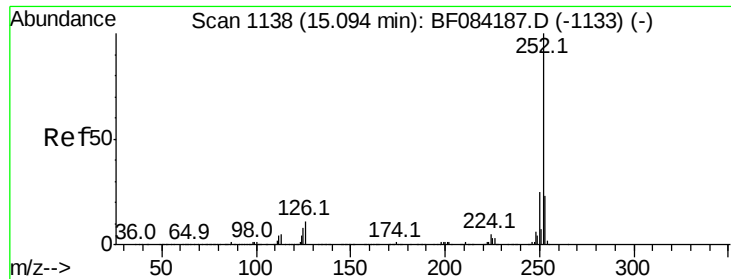


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

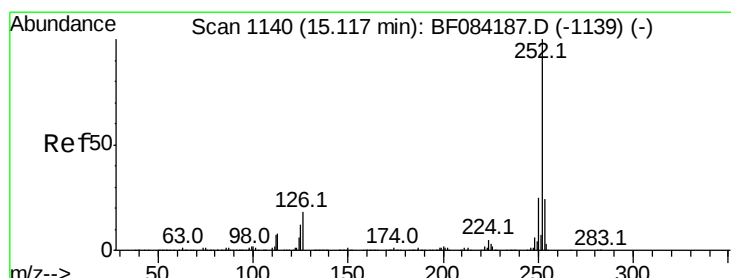
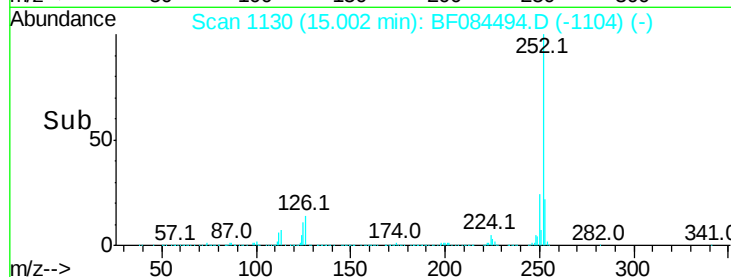
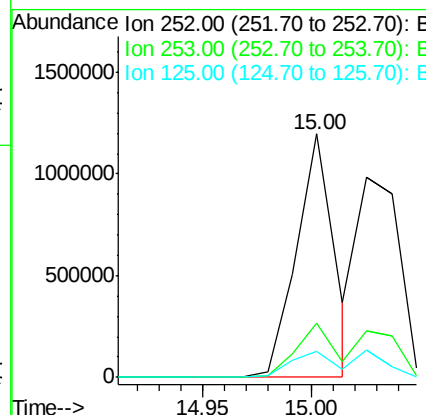
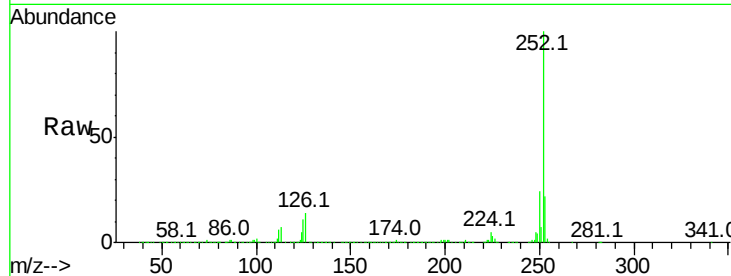




#87
Benzo(b)fluoranthene
Concen: 38.57 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

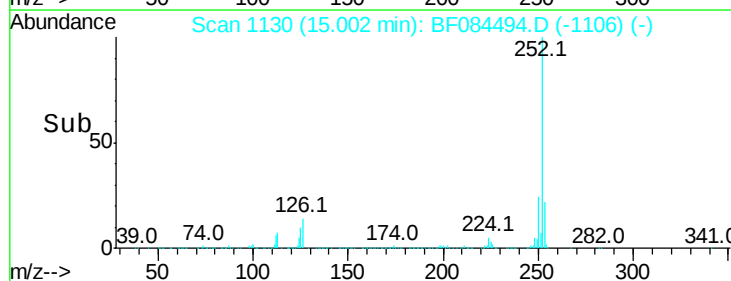
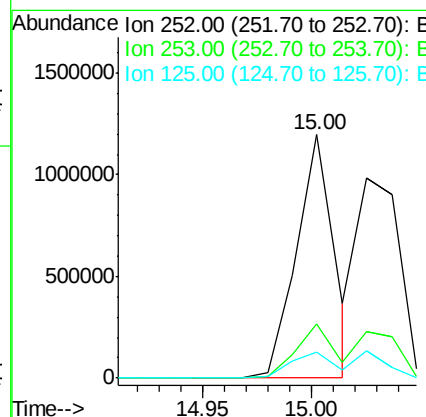
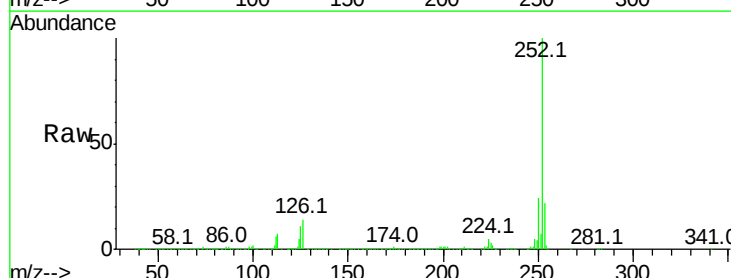
Instrument :
BNA_F
ClientSampleId :

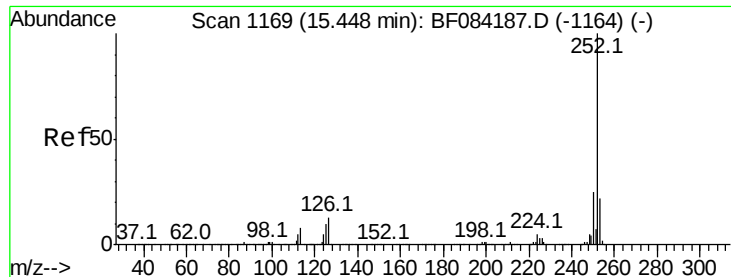
Tot Ion:252 Resp: 1439077
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 10.6 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 47.16 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.02 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Tgt Ion:252 Resp: 1439077
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 10.6 9.0 13.6

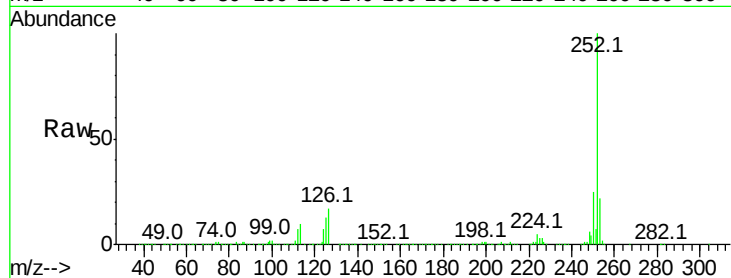




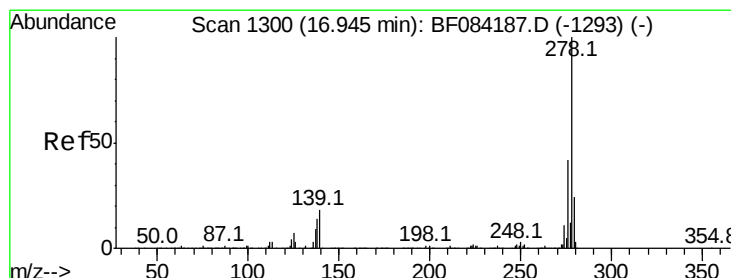
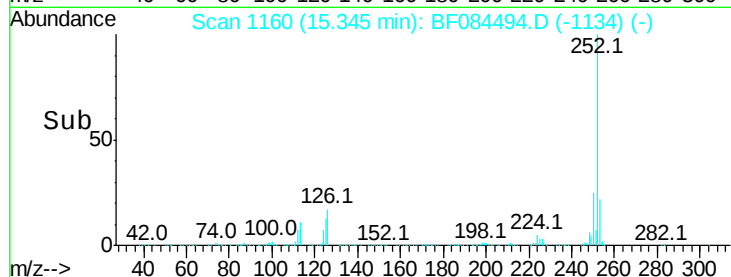
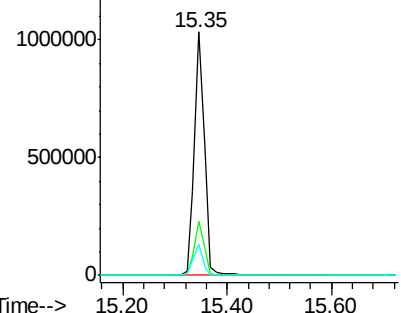
#89
Benzo(a)pyrene
Concen: 43.52 ng
RT: 15.35 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1377208
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 12.8 7.0 10.4#

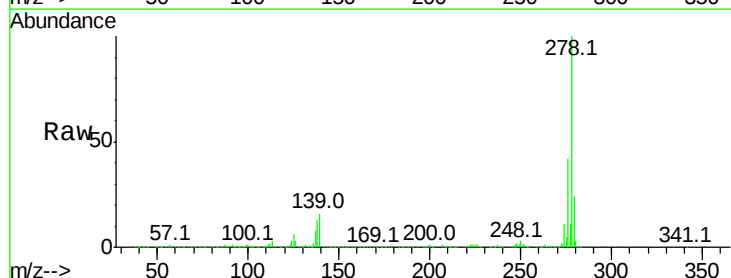


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

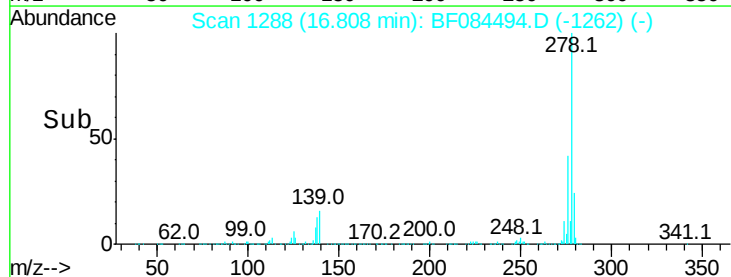
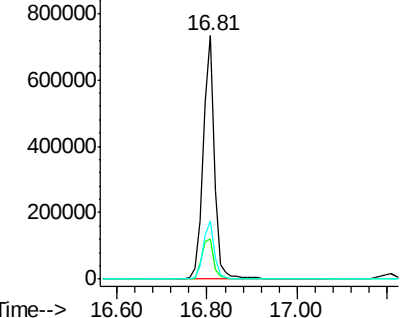


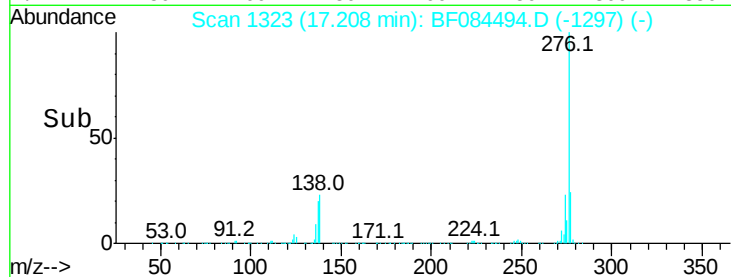
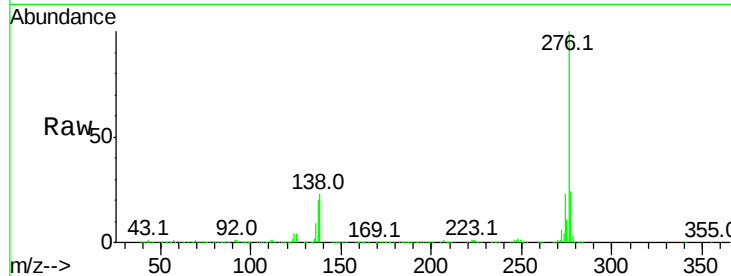
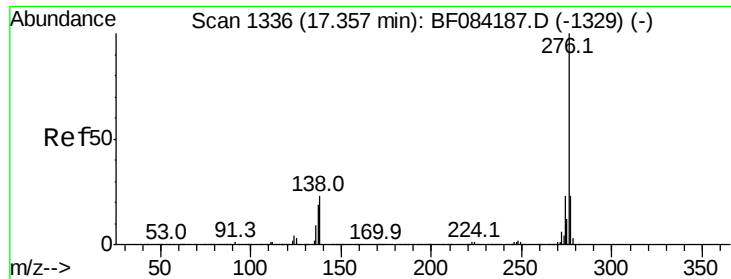
#90
Dibenzo(a,h)anthracene
Concen: 47.15 ng
RT: 16.81 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF084494.D
Acq: 15 Jan 2016 16:45

Tgt Ion:278 Resp: 1283845
Ion Ratio Lower Upper
278 100
139 16.4 15.0 22.4
279 23.8 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 45.74 ng

RT: 17.21 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF084494.D

Acq: 15 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1289792

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 23.1 17.8 26.6

