

Data Path : U:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084492.D
 Acq On : 15 Jan 2016 15:49
 Operator : SJ/UM
 Sample : PB87835BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 01:32:48 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	287850	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1174135	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	551400	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	977473	20.00	ng	0.01
75) Chrysene-d12	13.99	240	590160	20.00	ng	0.00
86) Perylene-d12	15.40	264	594700	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	2037613	114.50	ng	0.01
7) Phenol-d6	6.48	99	2740271	122.60	ng	0.01
23) Nitrobenzene-d5	7.39	82	1689250	80.07	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	629280	113.04	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	2914803	93.64	ng	0.00
78) Terphenyl-d14	12.94	244	2573393	97.33	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	288144	34.18	ng	# 79
3) Pyridine	3.17	79	881839	37.52	ng	# 77
4) n-Nitrosodimethylamine	3.13	42	428944	35.55	ng	# 91
6) Aniline	6.49	93	419499	12.83	ng	# 1
8) 2-Chlorophenol	6.61	128	859612	42.57	ng	94
9) Benzaldehyde	6.36	77	69413	4.77	ng	92
10) Phenol	6.49	94	1147177	45.14	ng	94
11) bis(2-Chloroethyl)ether	6.57	93	860278	43.70	ng	89
12) 1,3-Dichlorobenzene	6.76	146	818308	39.29	ng	# 94
13) 1,4-Dichlorobenzene	6.84	146	866683	41.49	ng	95
14) 1,2-Dichlorobenzene	6.99	146	749239	37.46	ng	94
15) Benzyl Alcohol	6.97	79	687005	36.54	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1338115	37.33	ng	89
17) 2-Methylphenol	7.09	107	727490	42.99	ng	96
18) Hexachloroethane	7.33	117	321319	38.47	ng	92
19) n-Nitroso-di-n-propylamine	7.24	70	555298	36.70	ng	# 74
20) 3+4-Methylphenols	7.24	107	842531	42.36	ng	# 53
22) Acetophenone	7.24	105	1151137	40.77	ng	# 95
24) Nitrobenzene	7.41	77	962040	44.96	ng	97
25) Isophorone	7.65	82	1646500	40.81	ng	97
26) 2-Nitrophenol	7.73	139	483213	49.62	ng	# 87
27) 2,4-Dimethylphenol	7.78	122	854238	43.34	ng	88
28) bis(2-Chloroethoxy)methane	7.87	93	1065779	43.24	ng	# 96
29) 2,4-Dichlorophenol	7.97	162	686654	41.82	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	741866	43.76	ng	95
31) Naphthalene	8.13	128	2254669	42.32	ng	98
32) Benzoic acid	7.90	122	483753	39.43	ng	96
33) 4-Chloroaniline	8.18	127	172274	7.05	ng	99
34) Hexachlorobutadiene	8.25	225	391659	40.19	ng	98
35) Caprolactam	8.56	113	173771	31.39	ng	# 50
36) 4-Chloro-3-methylphenol	8.68	107	778797	42.34	ng	100
37) 2-Methylnaphthalene	8.83	142	1633921	42.73	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	612799	38.66	ng	99
40) Hexachlorocyclopentadiene	8.98	237	605268	63.25	ng	97

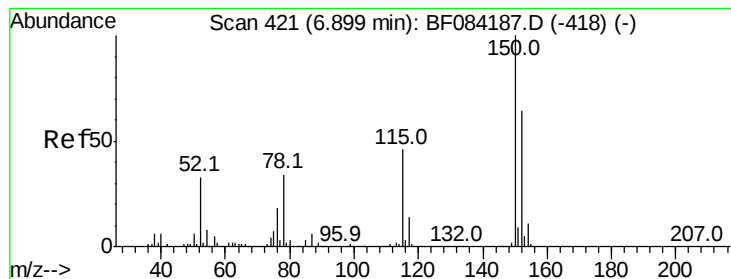
Data Path : U:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084492.D
 Acq On : 15 Jan 2016 15:49
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	478862	40.38	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	500787	44.05	nq	94
45) 1,1'-Biphenyl	9.29	154	1820952	41.55	nq	98
46) 2-Chloronaphthalene	9.31	162	1432690	41.62	nq	96
47) 2-Nitroaniline	9.41	65	460268	40.51	nq	96
48) Acenaphthylene	9.73	152	2212251	43.50	nq	96
49) Dimethylphthalate	9.60	163	1602698	40.66	nq	# 89
50) 2,6-Dinitrotoluene	9.66	165	388771	44.97	nq	# 83
51) Acenaphthene	9.90	154	1699859	49.83	nq	98
52) 3-Nitroaniline	9.82	138	150213	14.02	nq	# 83
53) 2,4-Dinitrophenol	9.94	184	451237	120.63	nq	# 79
54) Dibenzofuran	10.08	168	1893394	42.70	nq	94
55) 4-Nitrophenol	10.01	139	677189	87.08	nq	# 83
56) 2,4-Dinitrotoluene	10.06	165	553916	50.62	nq	95
57) Fluorene	10.42	166	1532799	44.86	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	408325	42.07	nq	87
59) Diethylphthalate	10.30	149	1690065	43.48	nq	94
60) 4-Chlorophenyl-phenylether	10.41	204	637563	44.06	nq	93
61) 4-Nitroaniline	10.44	138	352136	36.87	nq	88
62) Azobenzene	10.57	77	1672284	39.23	nq	89
64) 4,6-Dinitro-2-methylphenol	10.46	198	271869	45.75	nq	# 56
65) n-Nitrosodiphenylamine	10.53	169	1323615	42.35	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	440977	41.91	nq	# 84
67) Hexachlorobenzene	10.97	284	513124	43.33	nq	# 89
68) Atrazine	11.06	200	341081	33.35	nq	98
69) Pentachlorophenol	11.16	266	490097	79.82	nq	99
70) Phenanthrene	11.38	178	2244462	43.90	nq	95
71) Anthracene	11.42	178	2140934	42.72	nq	98
72) Carbazole	11.58	167	1832948	37.41	nq	98
73) Di-n-butylphthalate	11.92	149	2357234	45.35	nq	# 96
74) Fluoranthene	12.57	202	2207819	41.34	nq	93
77) Pyrene	12.78	202	2175517	46.98	nq	99
79) Butylbenzylphthalate	13.41	149	969706	48.39	nq	92
80) Benzo(a)anthracene	13.97	228	1538371	44.39	nq	98
81) 3,3'-Dichlorobenzidine	13.94	252	223084	18.45	nq	# 94
82) Chrysene	14.02	228	1590024	47.75	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	1161736	45.88	nq	99
84) Di-n-octyl phthalate	14.59	149	2055633	48.09	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.79	276	1691041	64.07	nq	98
87) Benzo(b)fluoranthene	15.00	252	1479605	38.03	nq	# 95
88) Benzo(k)fluoranthene	15.00	252	1479605	46.51	nq	99
89) Benzo(a)pyrene	15.35	252	1470765	44.57	nq	# 94
90) Dibenzo(a,h)anthracene	16.81	278	1397741	49.23	nq	98
91) Benzo(g,h,i)perylene	17.21	276	1423550	48.41	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampled :

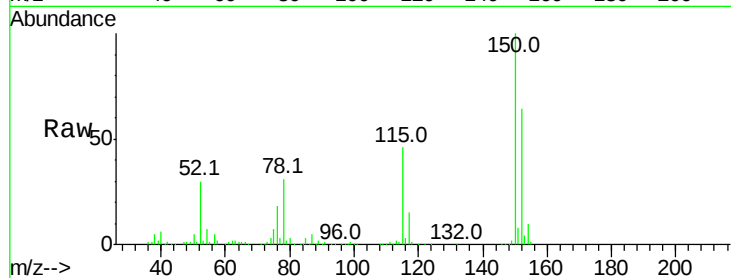
Tot Ion:152 Resp: 287850

Ion Ratio Lower Upper

152 100

150 156.5 123.0 184.4

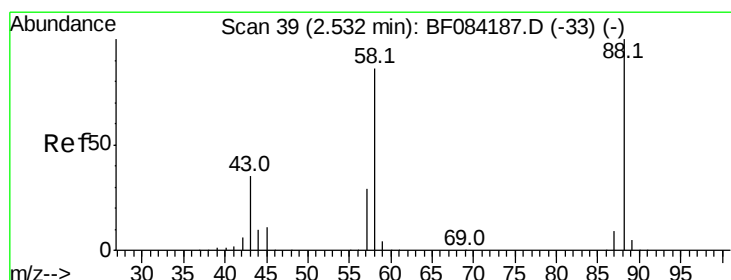
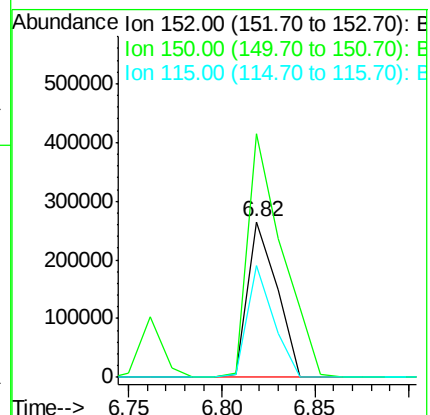
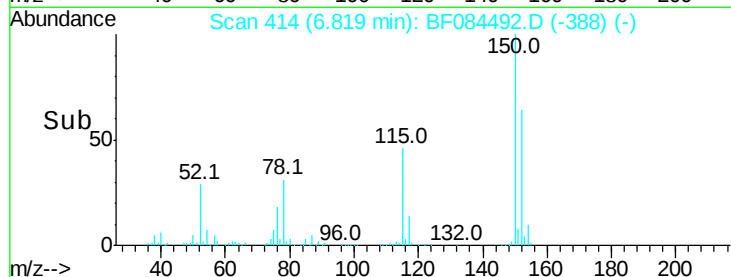
115 71.5 51.4 77.2



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



#2

1,4-Dioxane

Concen: 34.18 ng

RT: 2.46 min Scan# 33

Delta R.T. 0.08 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

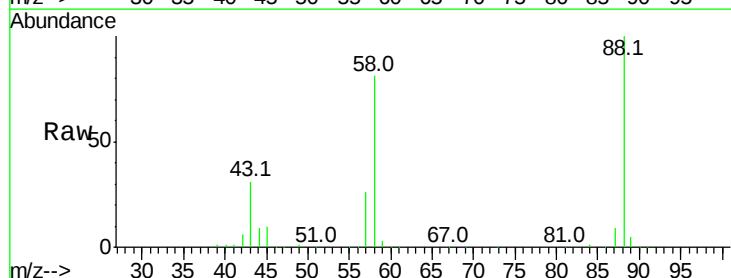
Tgt Ion: 88 Resp: 288144

Ion Ratio Lower Upper

88 100

58 82.8 51.2 76.8#

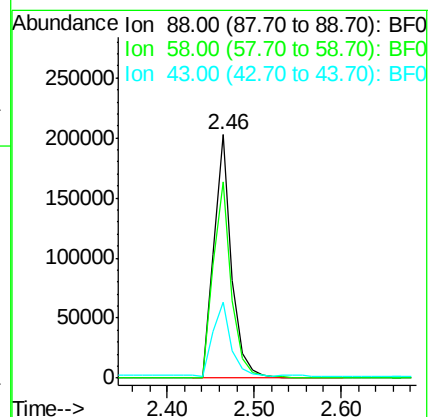
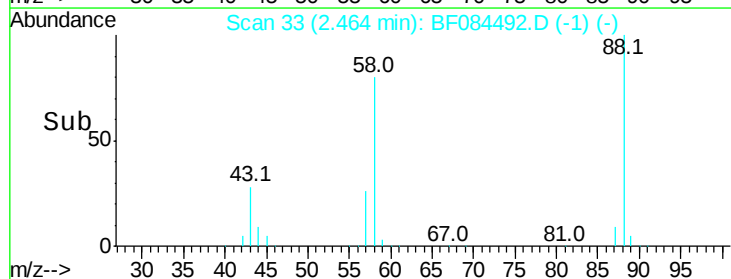
43 31.0 19.5 29.3#

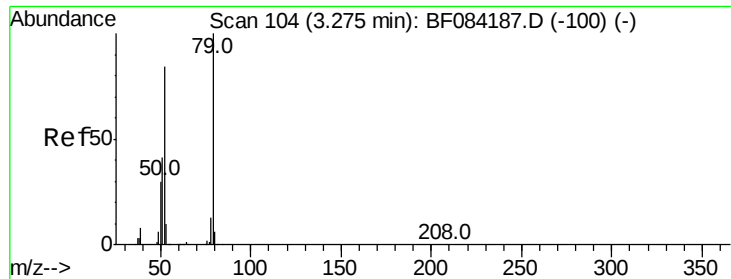


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.52 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.07 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampled :

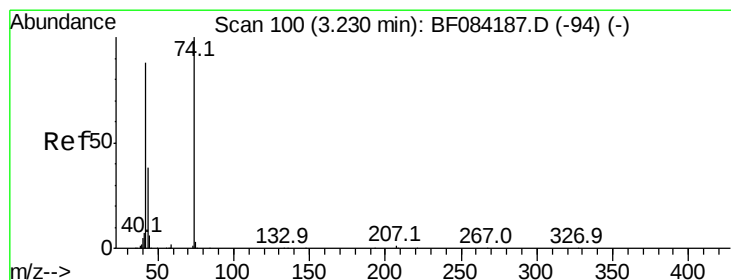
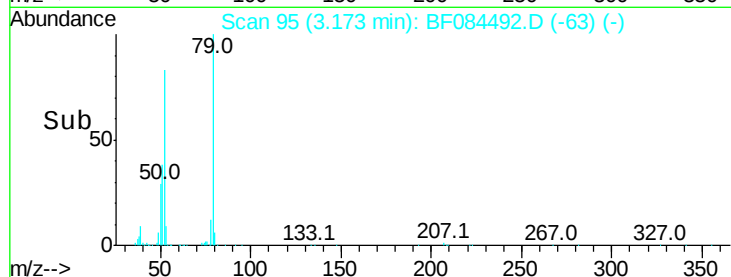
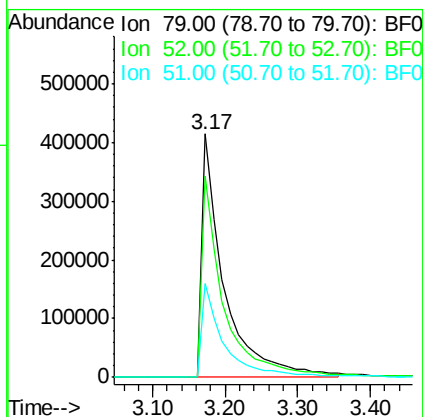
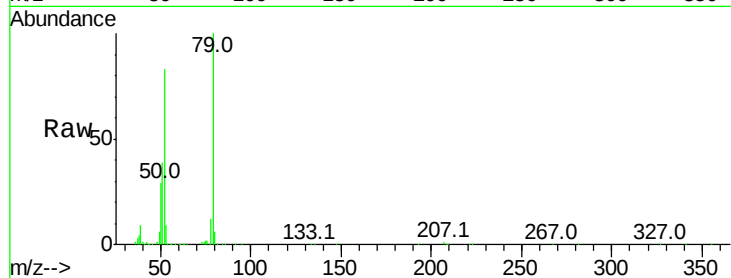
Tot Ion: 79 Resp: 881839

Ion Ratio Lower Upper

79 100

52 82.9 49.0 73.4#

51 38.5 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 35.55 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.07 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

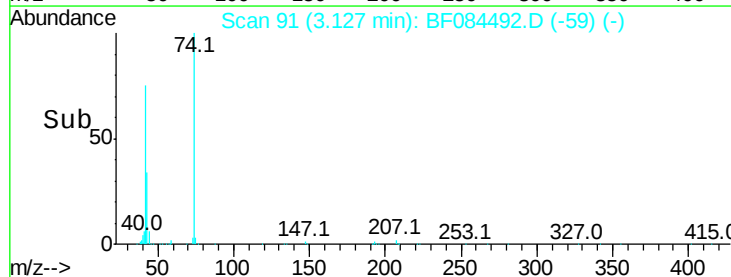
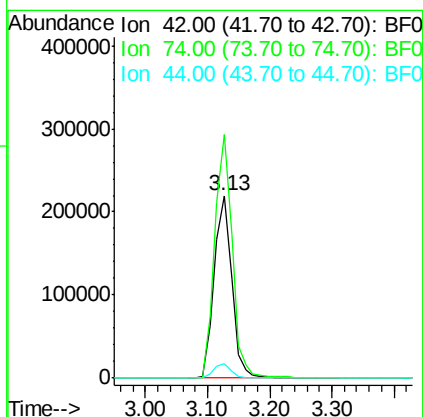
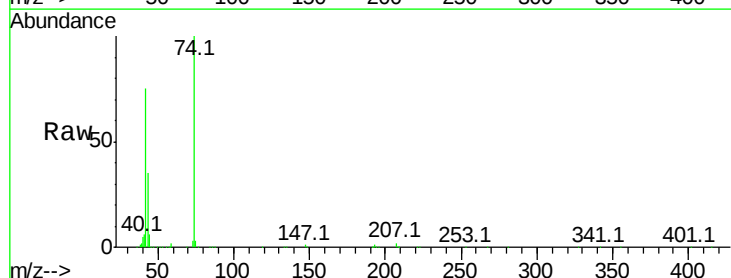
Tgt Ion: 42 Resp: 428944

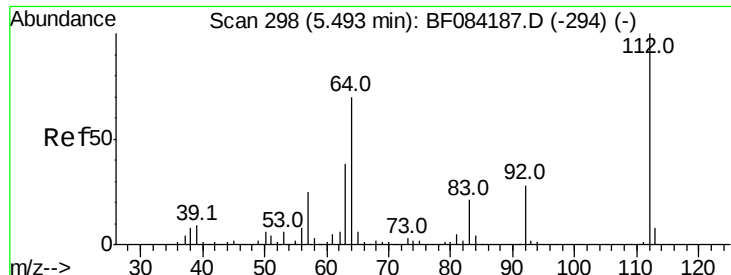
Ion Ratio Lower Upper

42 100

74 133.2 115.7 173.5

44 7.9 5.1 7.7#





#5

2-Fluorophenol

Concen: 114.50 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :
BNA_F
ClientSampleId :

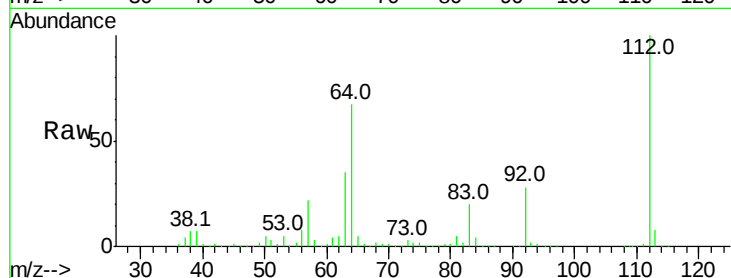
Tot Ion:112 Resp: 2037613

Ion Ratio Lower Upper

112 100

64 66.8 36.6 55.0#

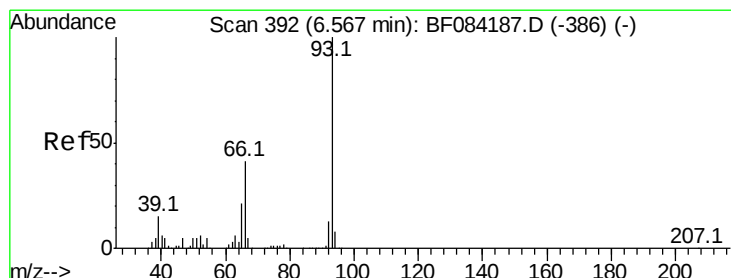
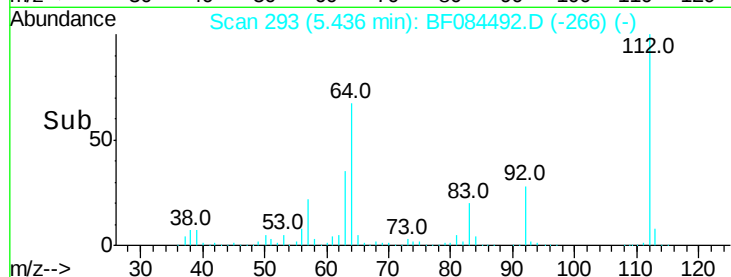
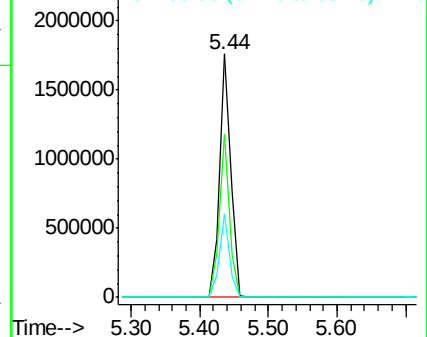
63 34.5 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.83 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

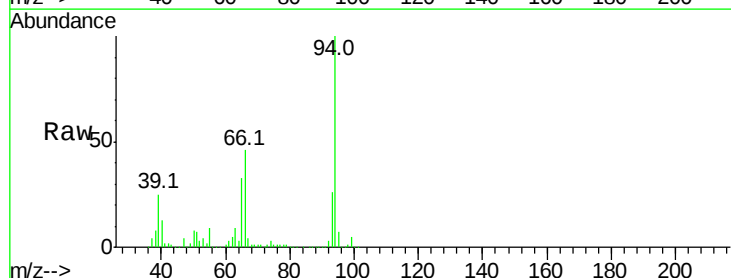
Tgt Ion: 93 Resp: 419499

Ion Ratio Lower Upper

93 100

66 177.6 44.9 67.3#

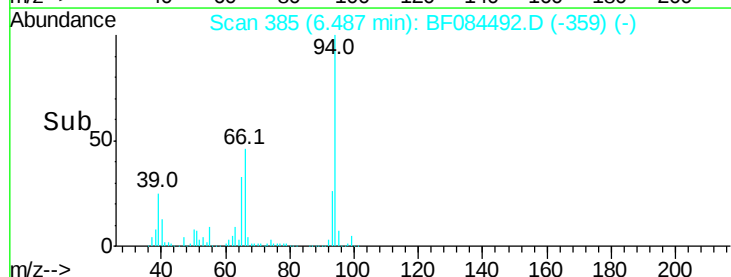
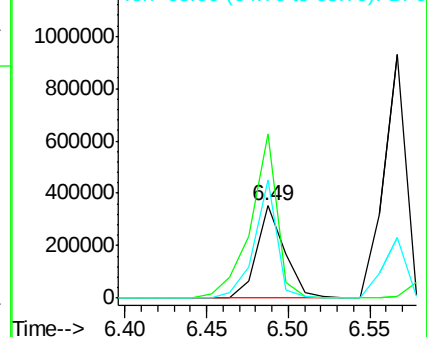
65 127.3 23.7 35.5#

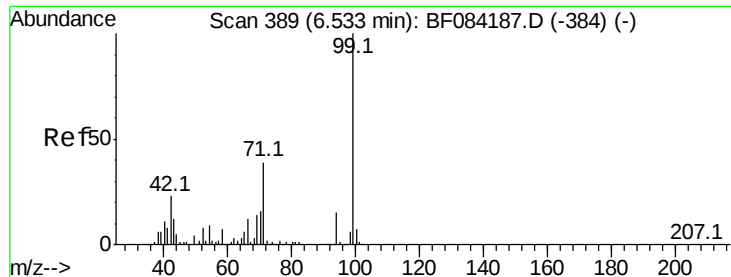


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.60 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

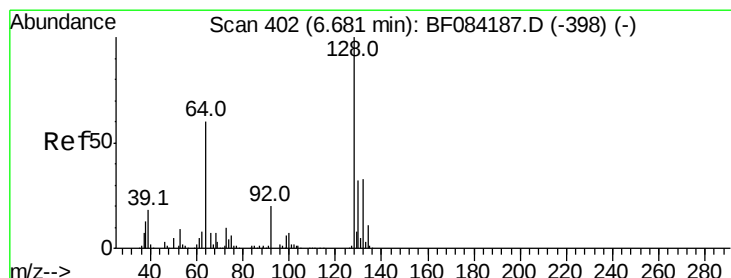
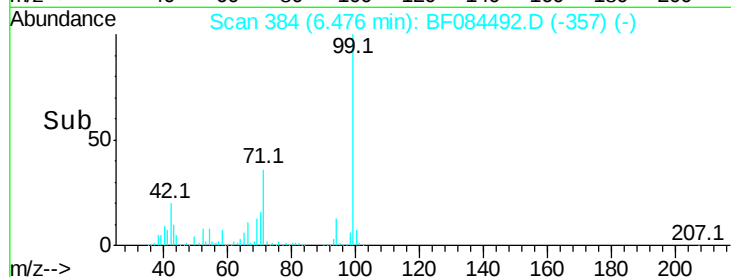
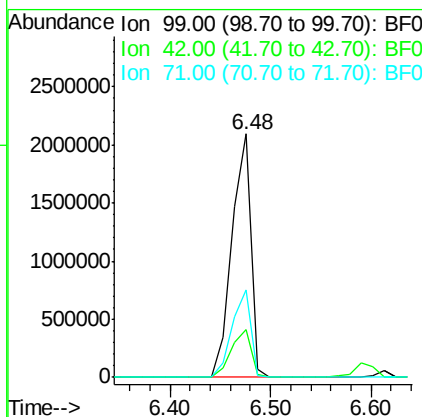
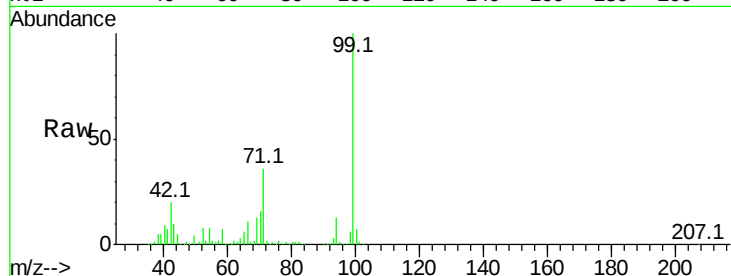
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2740271

Ion	Ratio	Lower	Upper
99	100		
42	19.6	12.8	19.2#
71	36.2	30.9	46.3



#8

2-Chlorophenol

Concen: 42.57 ng

RT: 6.61 min Scan# 396

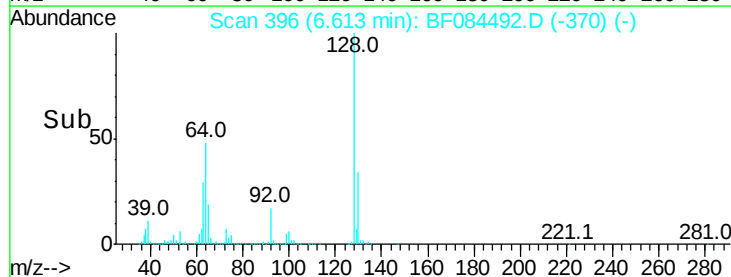
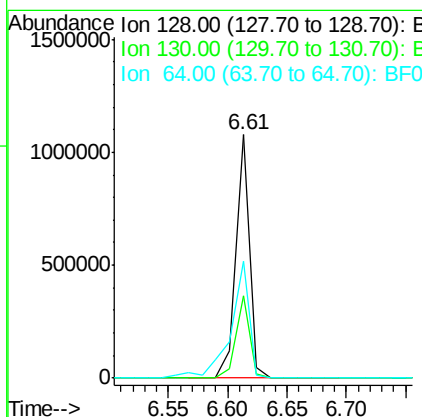
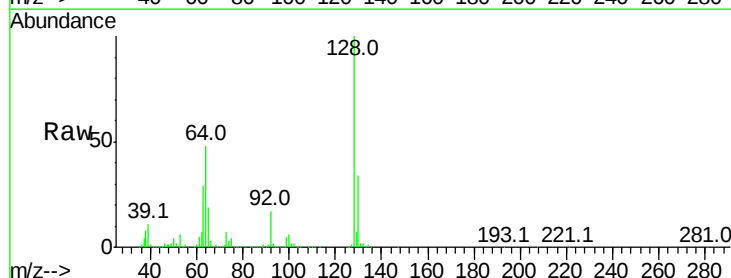
Delta R.T. -0.00 min

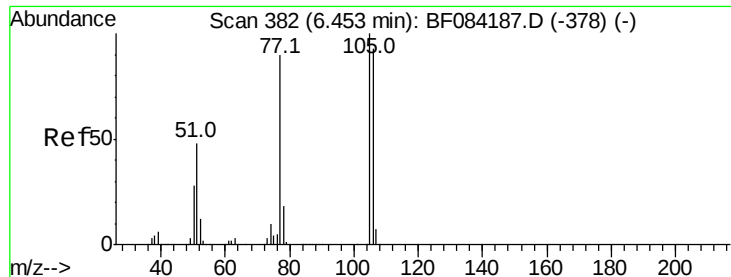
Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Tgt Ion:128 Resp: 859612

Ion	Ratio	Lower	Upper
128	100		
130	33.9	11.6	51.6
64	48.0	23.8	63.8





#9

Benzaldehyde

Concen: 4.77 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampled :

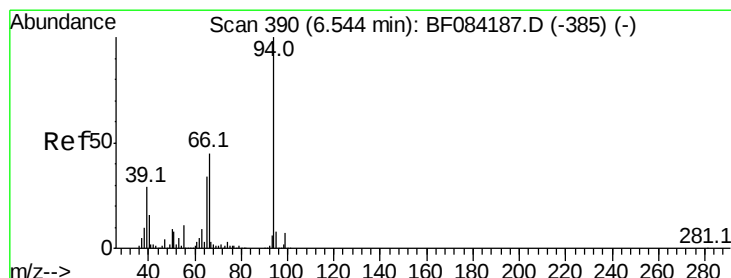
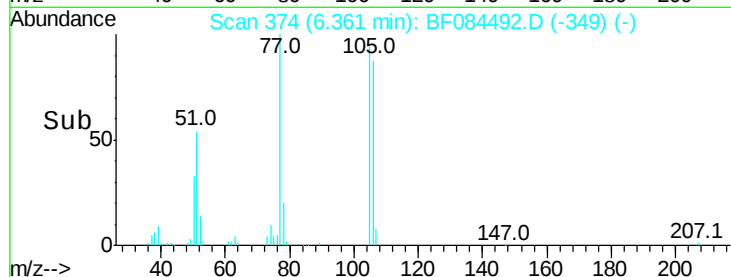
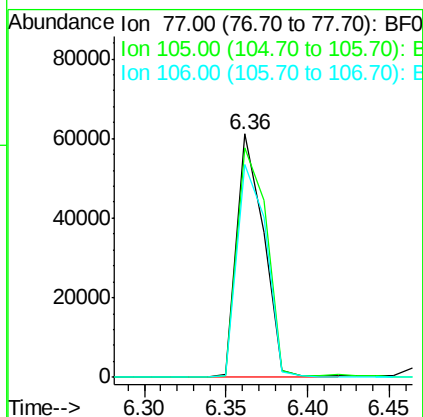
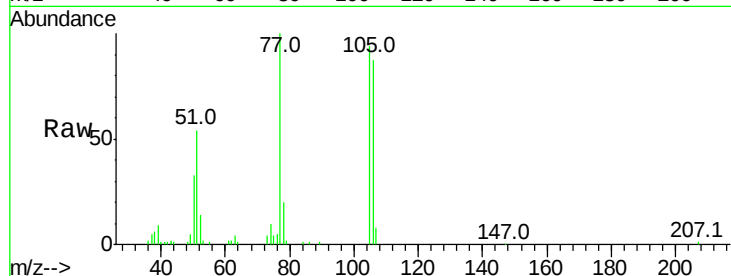
Tot Ion: 77 Resp: 69413

Ion Ratio Lower Upper

77 100

105 94.5 83.0 123.0

106 87.5 74.6 114.6



#10

Phenol

Concen: 45.14 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

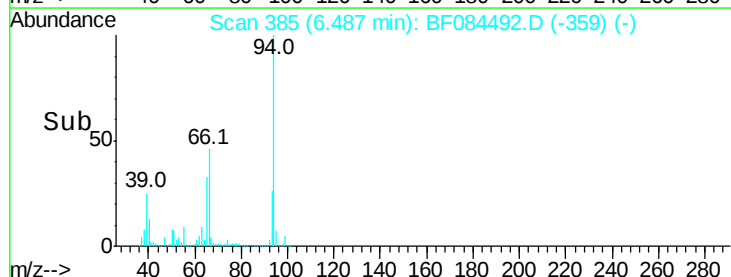
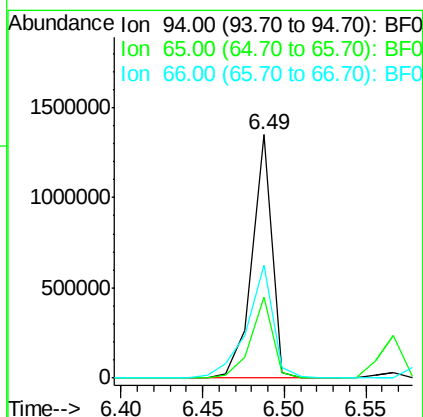
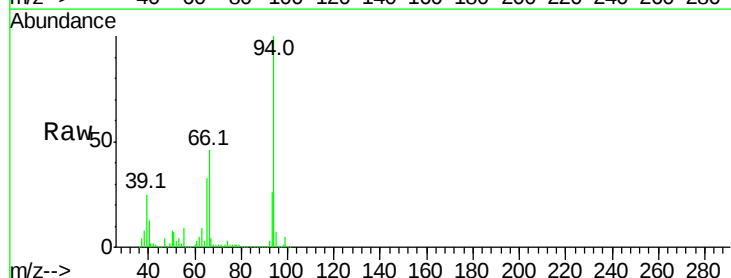
Tgt Ion: 94 Resp: 1147177

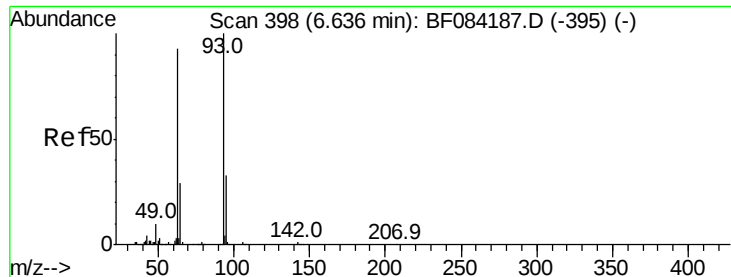
Ion Ratio Lower Upper

94 100

65 33.3 12.9 52.9

66 46.4 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 43.70 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

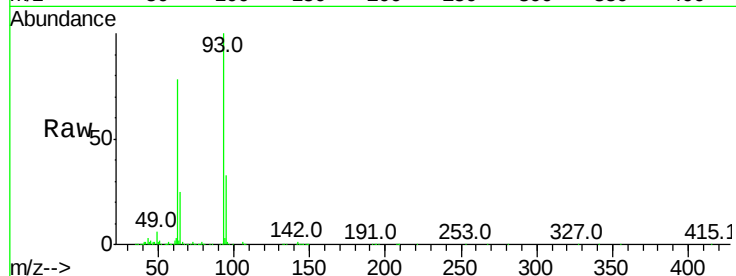
Tot Ion: 93 Resp: 860278

Ion Ratio Lower Upper

93 100

63 78.0 45.9 85.9

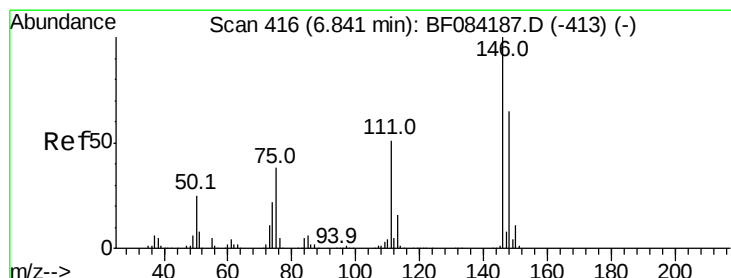
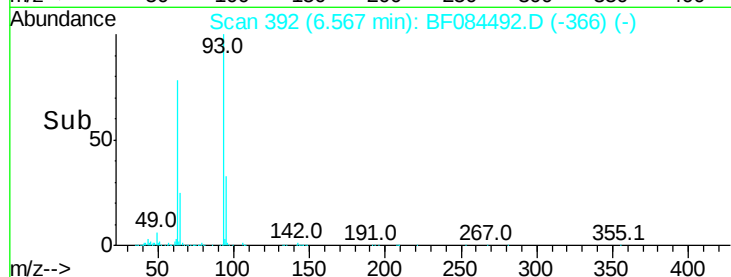
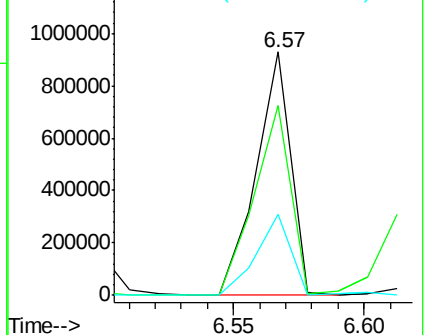
95 33.3 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.29 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

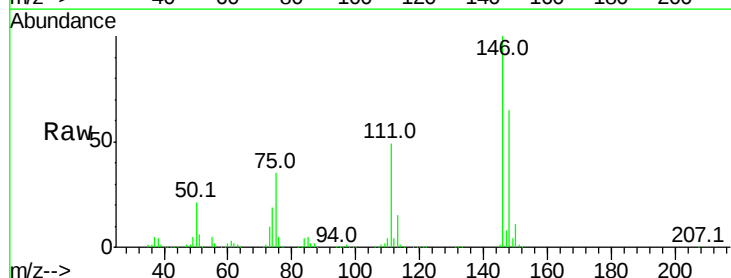
Tgt Ion: 146 Resp: 818308

Ion Ratio Lower Upper

146 100

148 64.5 51.9 77.9

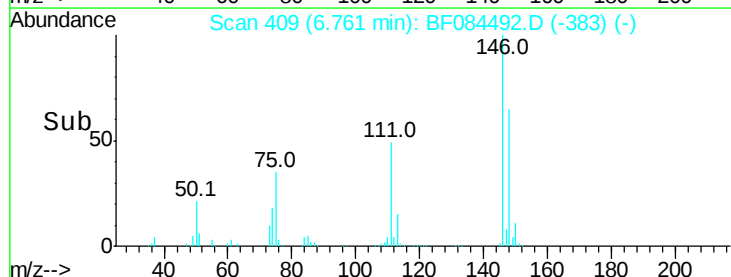
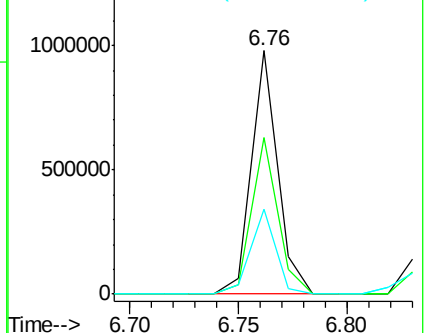
75 34.9 20.5 30.7#

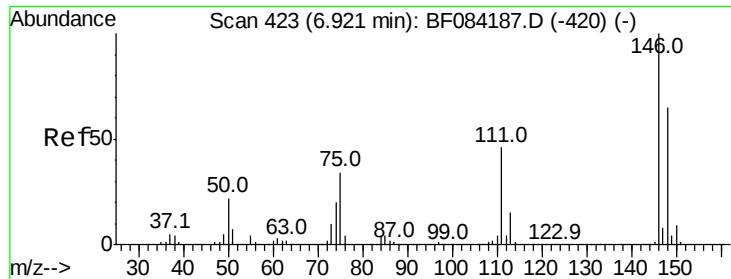


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 41.49 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampled :

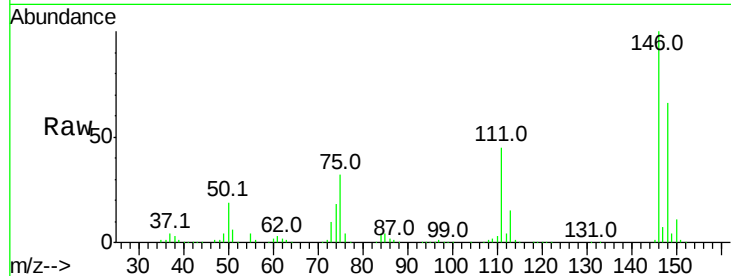
Tot Ion:146 Resp: 866683

Ion Ratio Lower Upper

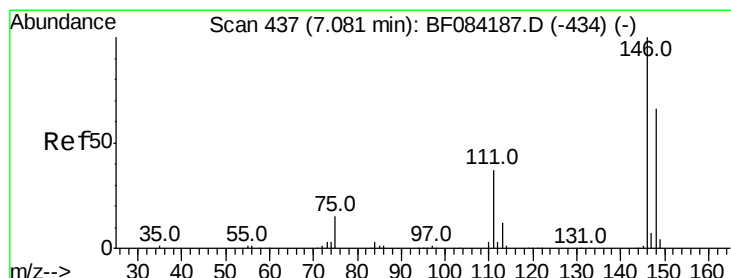
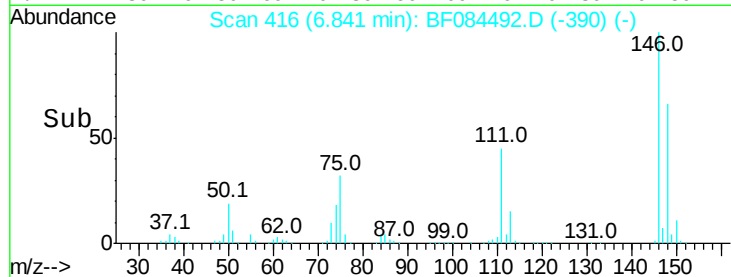
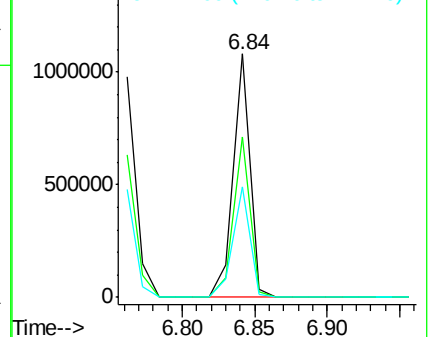
146 100

148 65.7 51.9 77.9

111 45.3 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: 37.46 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

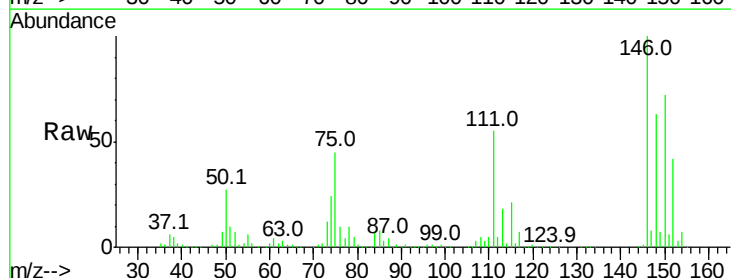
Tgt Ion:146 Resp: 749239

Ion Ratio Lower Upper

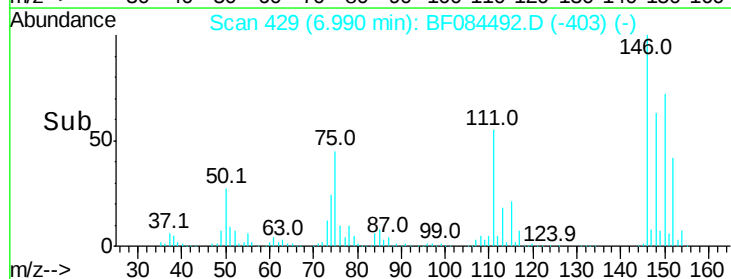
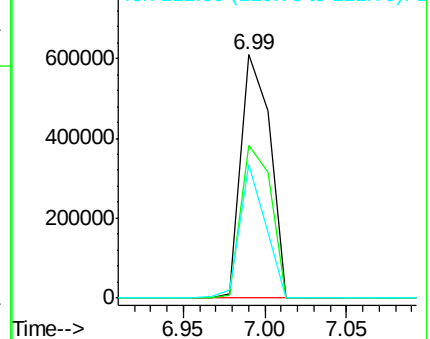
146 100

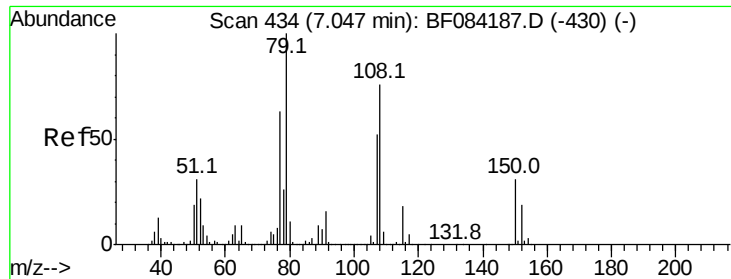
148 62.6 51.6 77.4

111 54.6 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: 36.54 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampled :

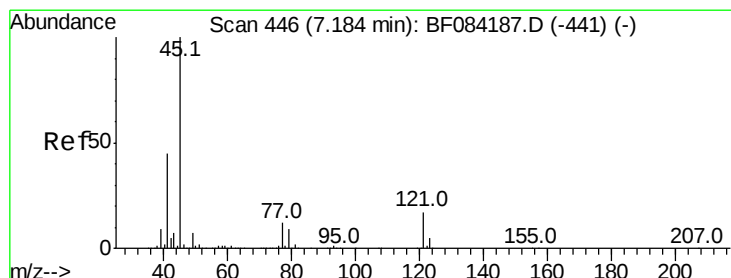
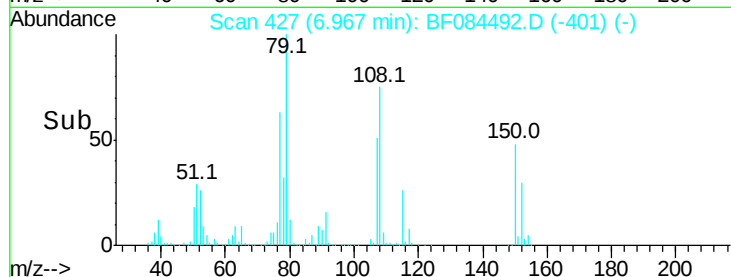
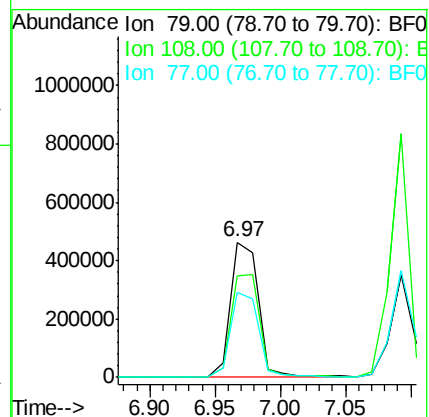
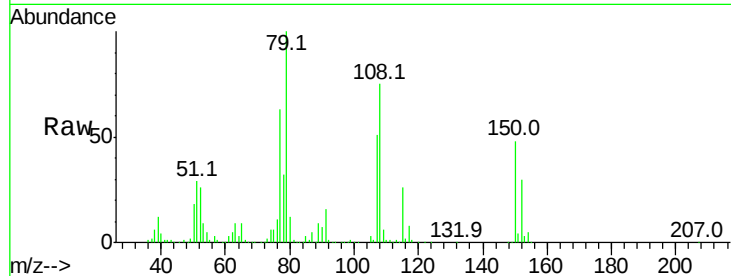
Tot Ion: 79 Resp: 687005

Ion Ratio Lower Upper

79 100

108 75.1 69.0 103.4

77 62.9 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.33 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

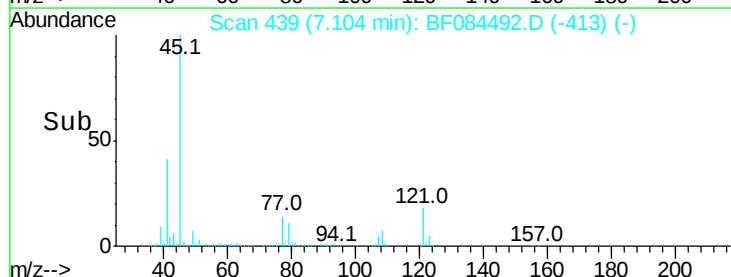
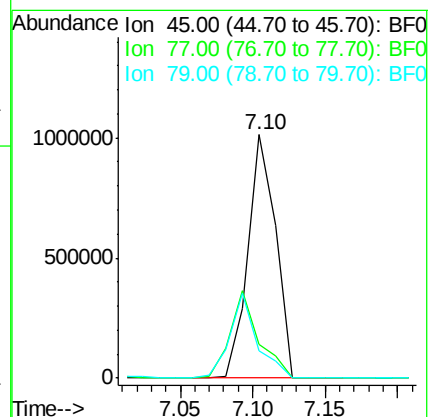
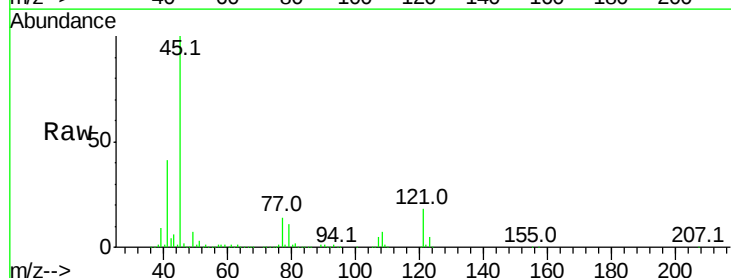
Tgt Ion: 45 Resp: 1338115

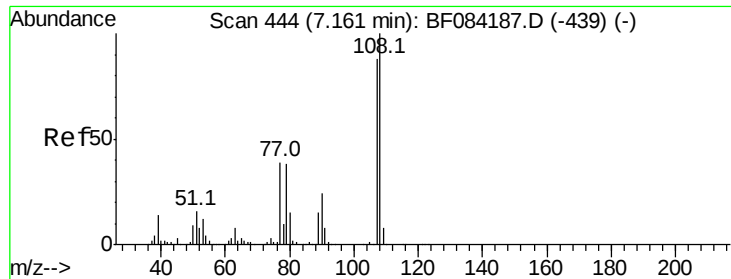
Ion Ratio Lower Upper

45 100

77 13.7 0.0 39.6

79 11.2 0.0 35.0





#17

2-Methylphenol

Concen: 42.99 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 727490

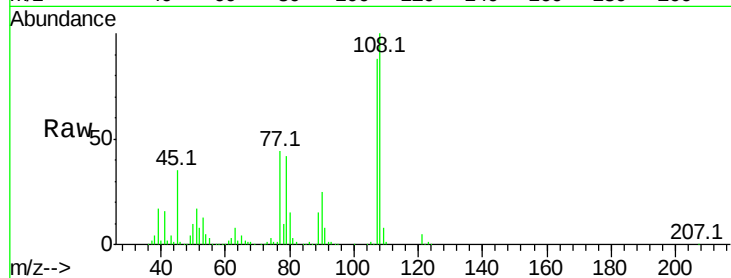
Ion Ratio Lower Upper

107 100

108 113.7 89.8 134.6

77 49.7 35.7 53.5

79 48.3 35.7 53.5

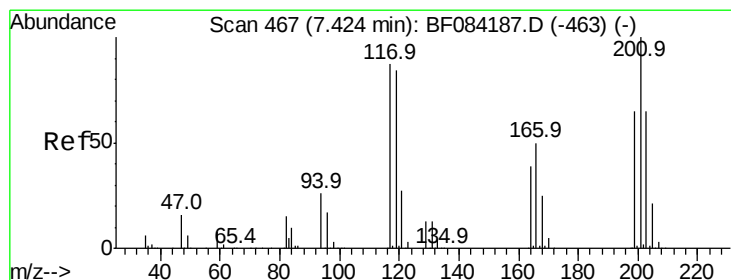
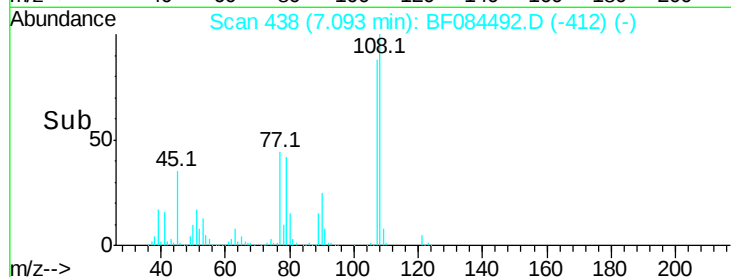
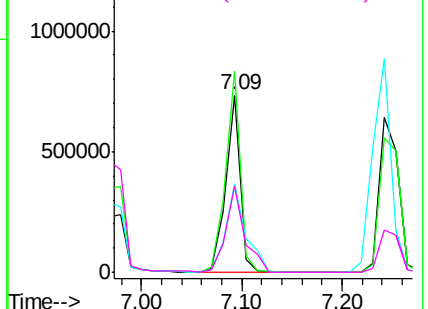


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.47 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

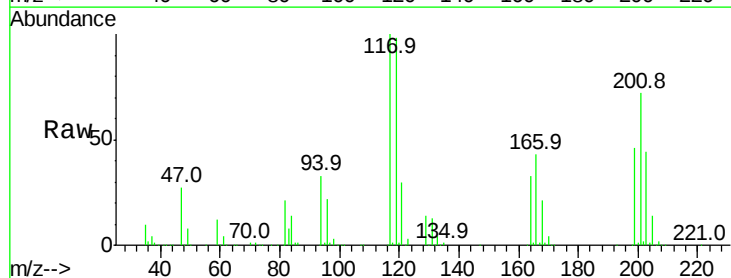
Tgt Ion:117 Resp: 321319

Ion Ratio Lower Upper

117 100

119 97.5 77.4 116.0

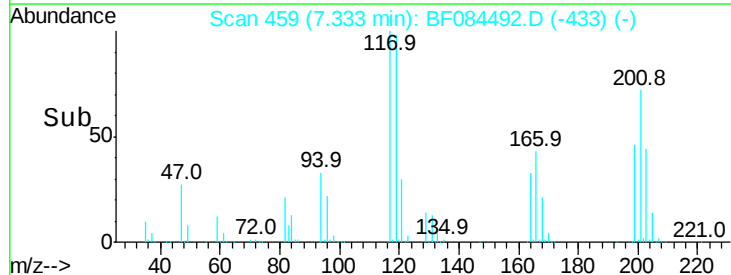
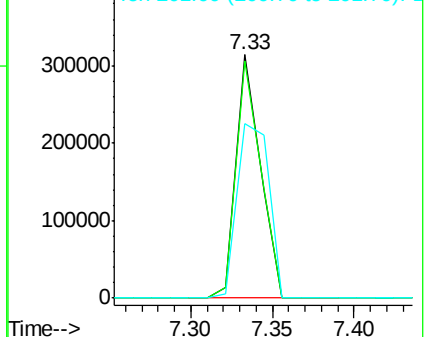
201 71.7 68.6 103.0

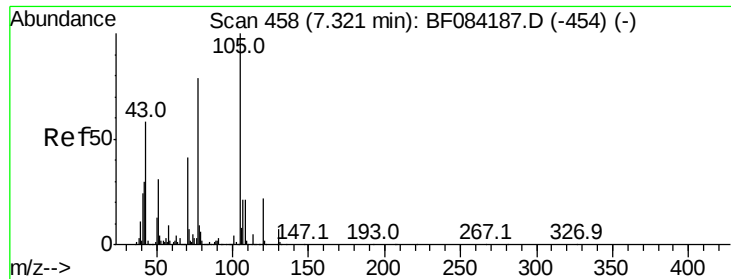


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

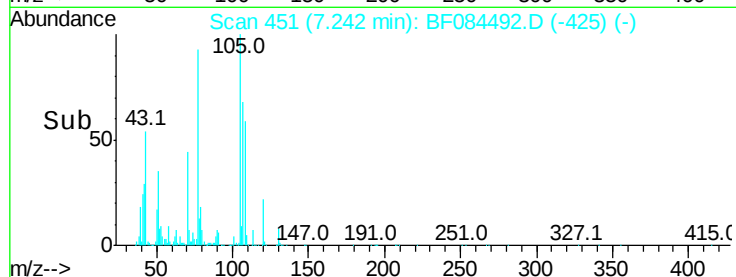
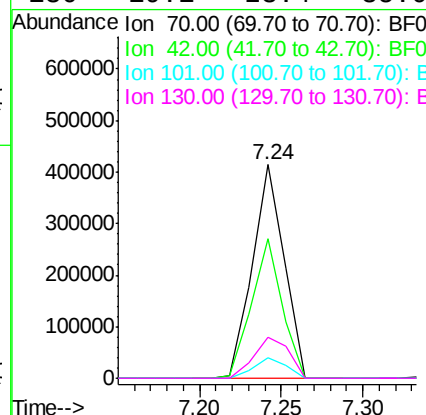
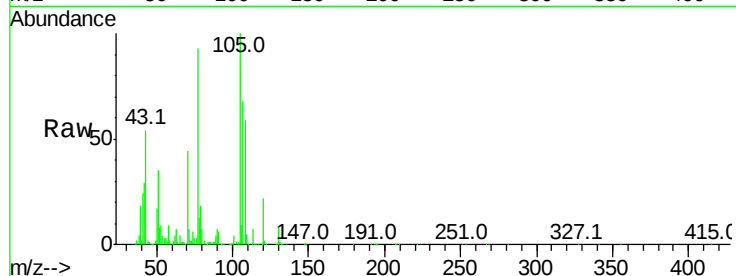




#19
n-Nitroso-di-n-propylamine
Concen: 36.70 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

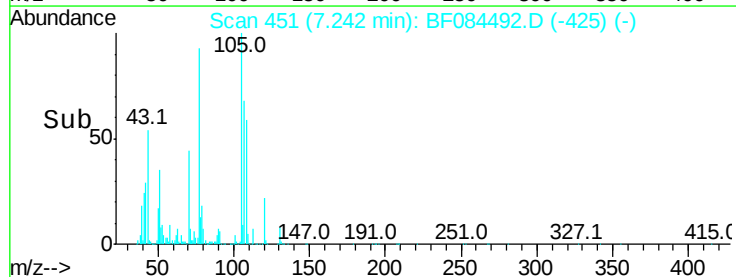
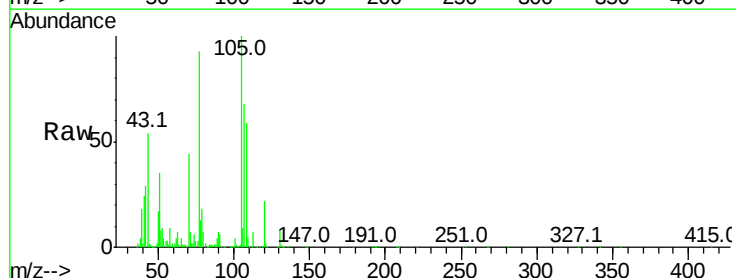
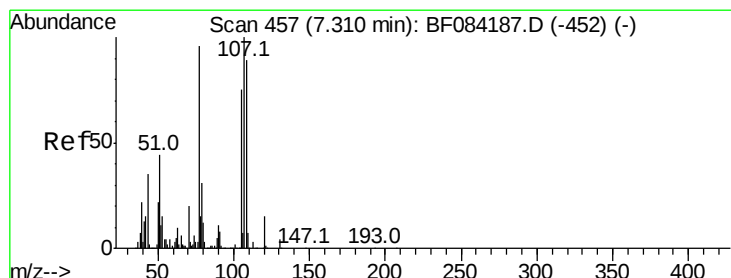
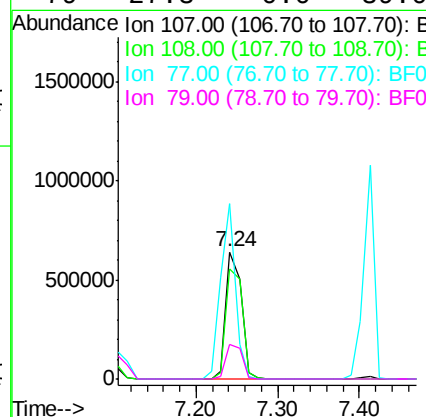
Instrument :
BNA_F
ClientSampleId :

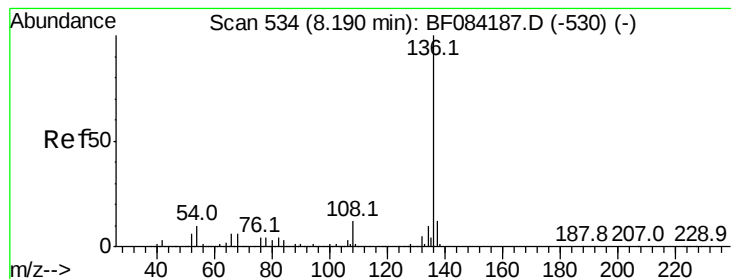
Tot Ion: 70 Resp: 555298
Ion Ratio Lower Upper
70 100
42 65.4 33.3 49.9#
101 9.9 9.3 13.9
130 19.1 23.4 35.0#



#20
3+4-Methylphenols
Concen: 42.36 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

Tgt Ion:107 Resp: 842531
Ion Ratio Lower Upper
107 100
108 86.7 74.6 114.6
77 138.0 0.7 40.7#
79 27.3 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: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

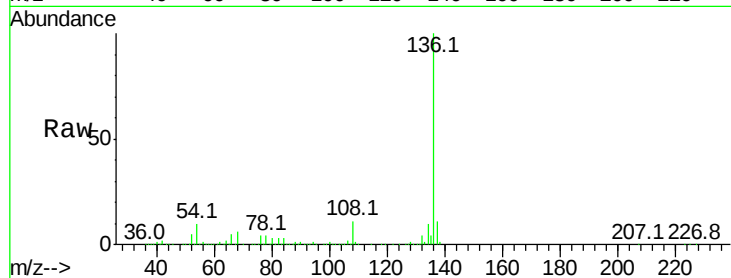
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1174135

Ion Ratio Lower Upper

136	100		
137	11.4	8.7	13.1
54	9.5	5.8	8.8#
68	5.7	4.2	6.2

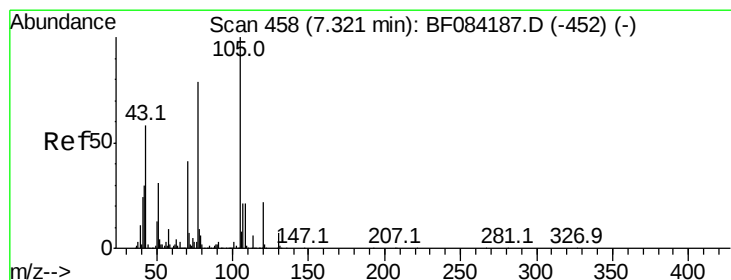
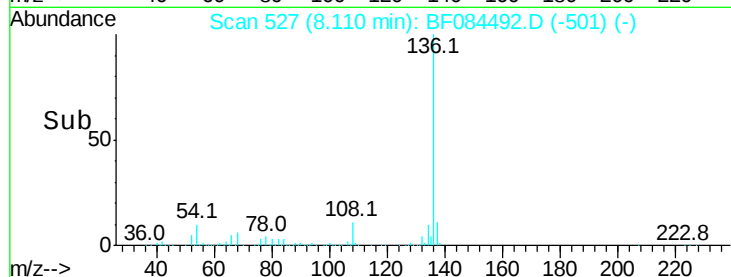
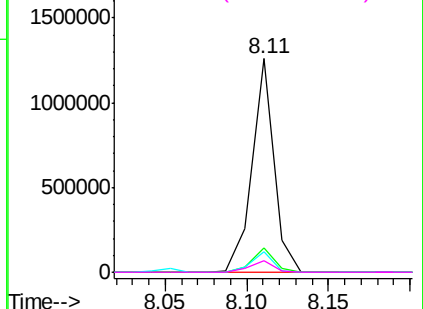


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.77 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Tgt Ion:105 Resp: 1151137

Ion Ratio Lower Upper

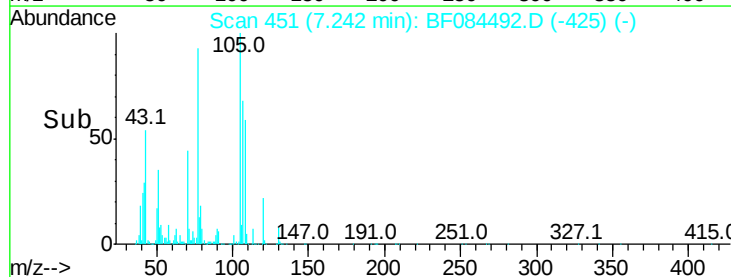
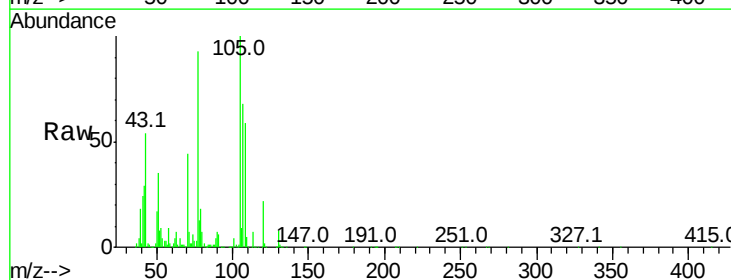
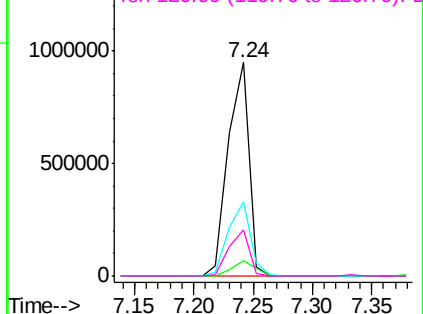
105	100		
71	7.3	3.7	5.5#
51	34.9	25.1	37.7
120	21.7	16.6	25.0

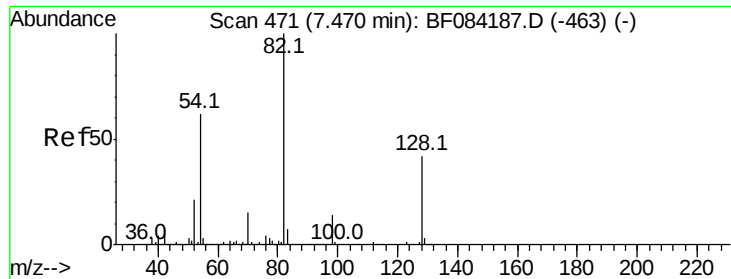
Abundance Ion 105.00 (104.70 to 105.70): E

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: 80.07 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

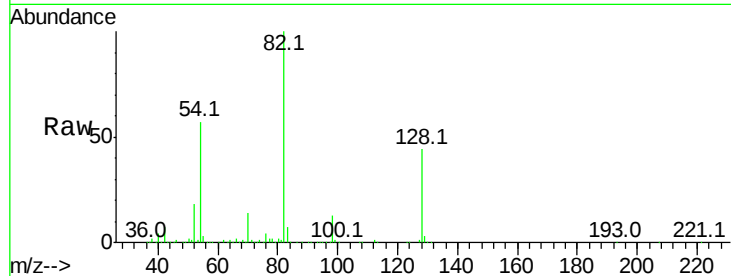
Tot Ion: 82 Resp: 1689250

Ion Ratio Lower Upper

82 100

128 43.9 34.6 51.8

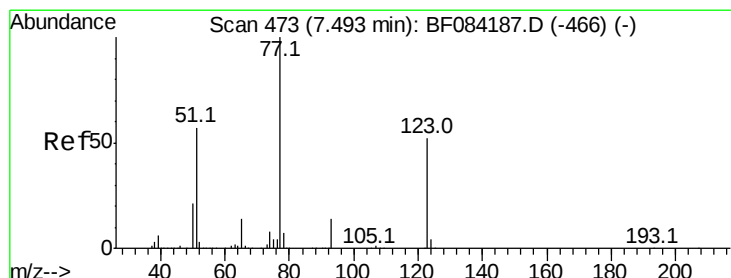
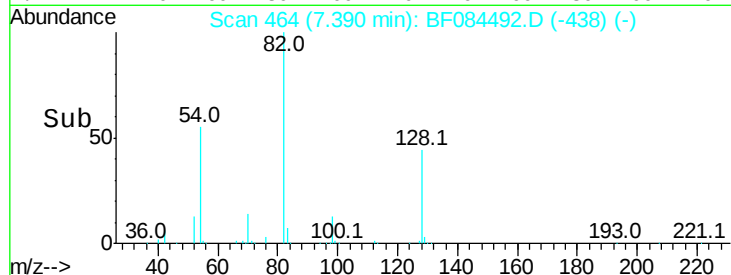
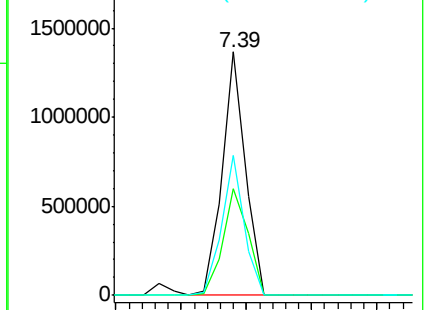
54 57.3 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 44.96 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

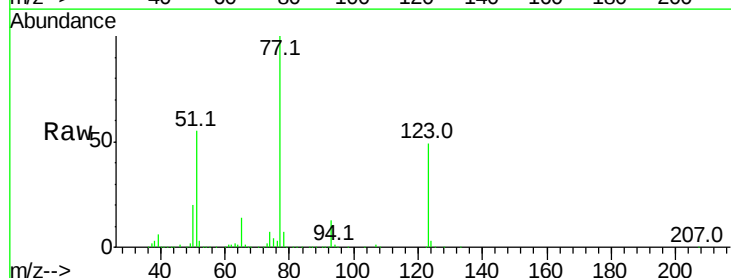
Tgt Ion: 77 Resp: 962040

Ion Ratio Lower Upper

77 100

123 49.0 37.4 56.2

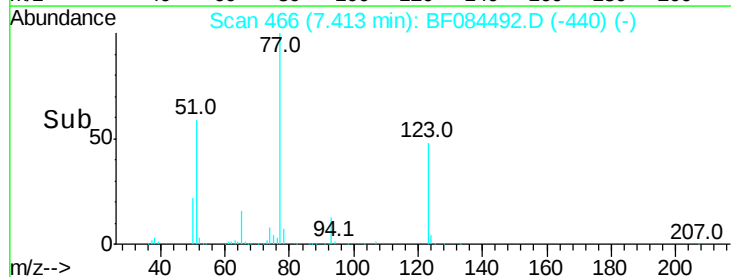
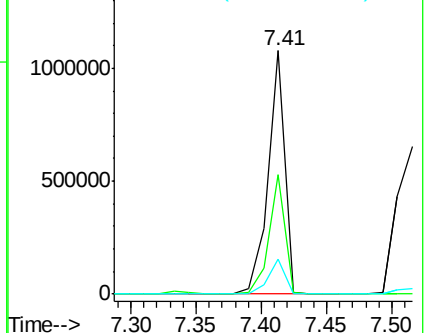
65 14.3 10.9 16.3

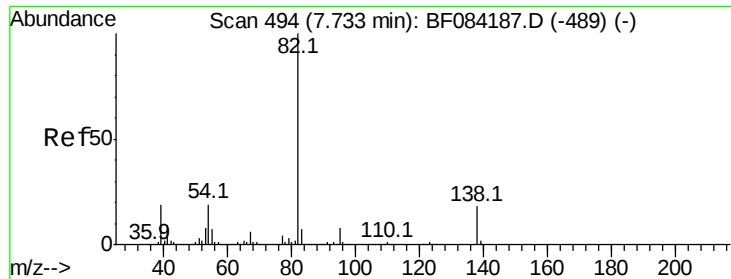


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.81 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

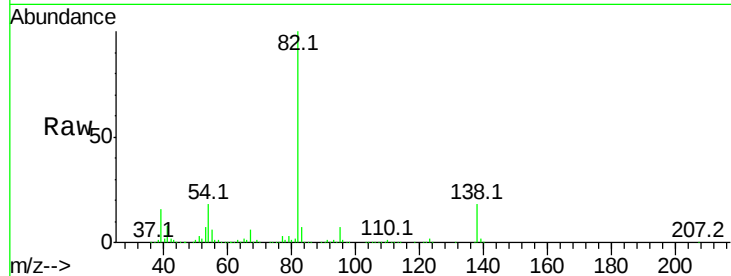
Tot Ion: 82 Resp: 1646500

Ion Ratio Lower Upper

82 100

95 7.3 6.6 10.0

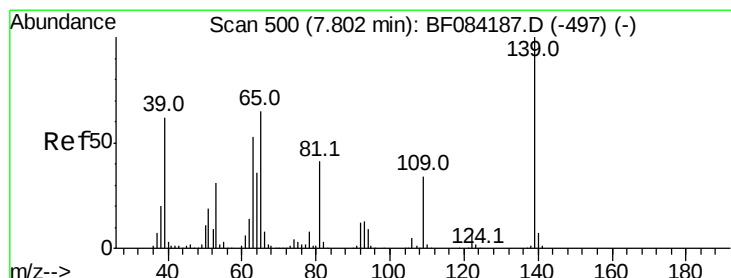
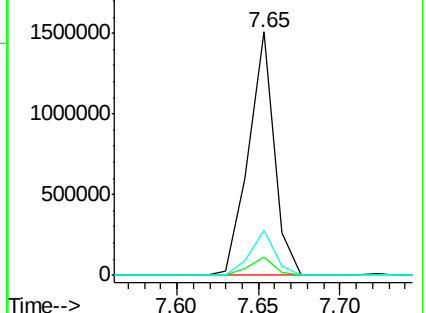
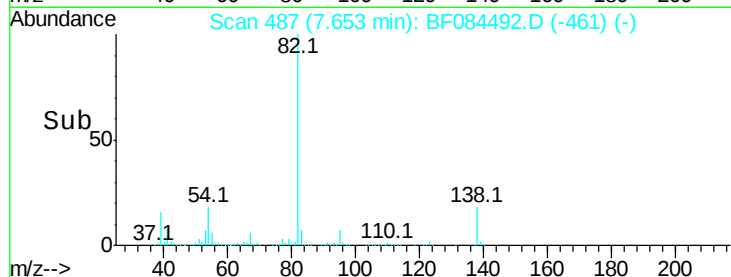
138 18.4 13.6 20.4



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: 49.62 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

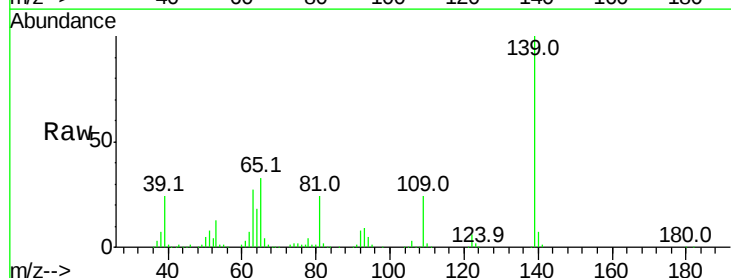
Tgt Ion: 139 Resp: 483213

Ion Ratio Lower Upper

139 100

109 23.6 25.4 38.2#

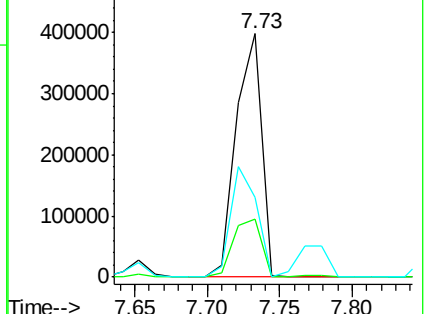
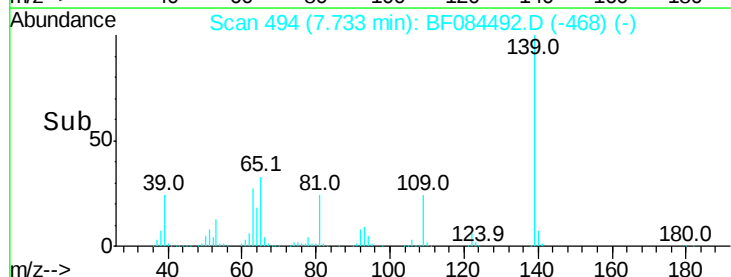
65 32.8 32.3 48.5

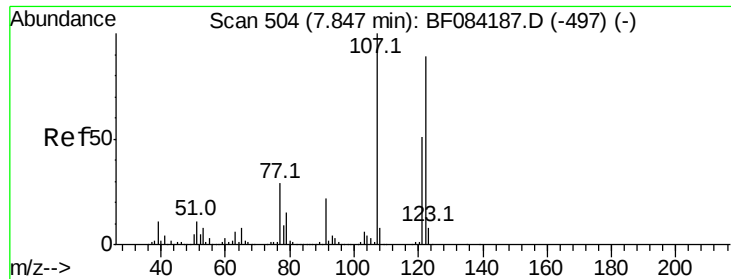


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 43.34 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampled :

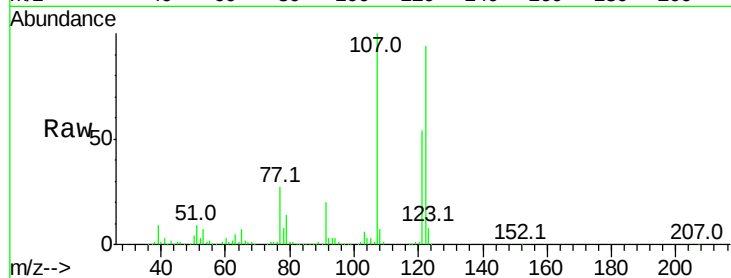
Tot Ion:122 Resp: 854238

Ion Ratio Lower Upper

122 100

107 106.2 99.1 148.7

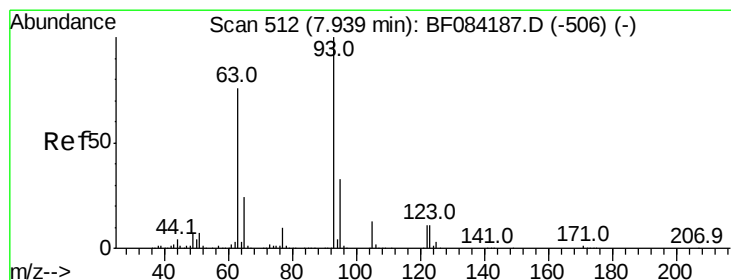
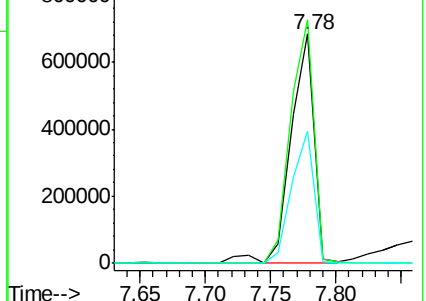
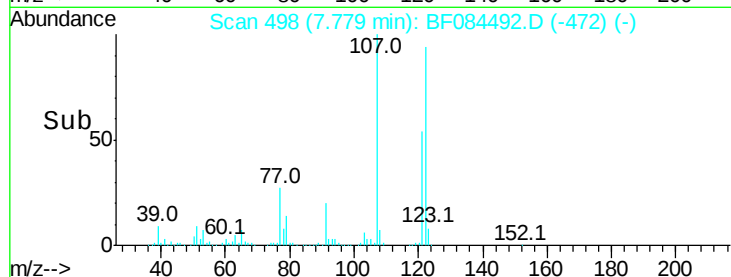
121 57.4 47.9 71.9



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: 43.24 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

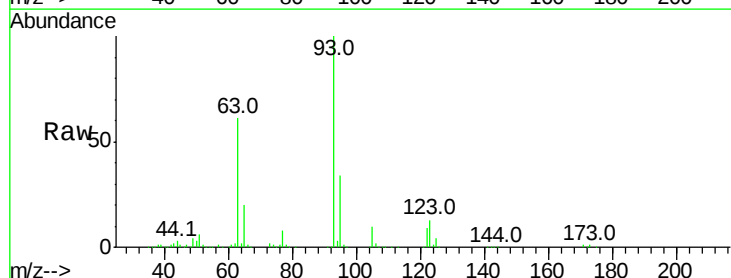
Tgt Ion: 93 Resp: 1065779

Ion Ratio Lower Upper

93 100

95 34.0 25.8 38.6

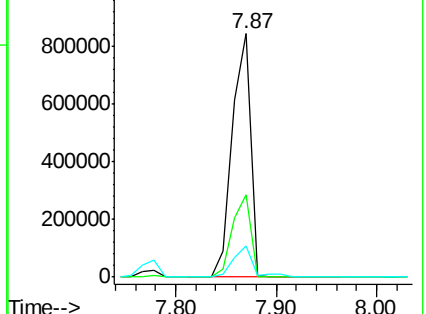
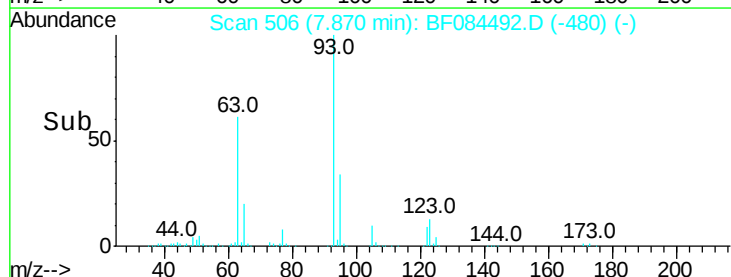
123 12.9 8.6 12.8#



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: 41.82 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

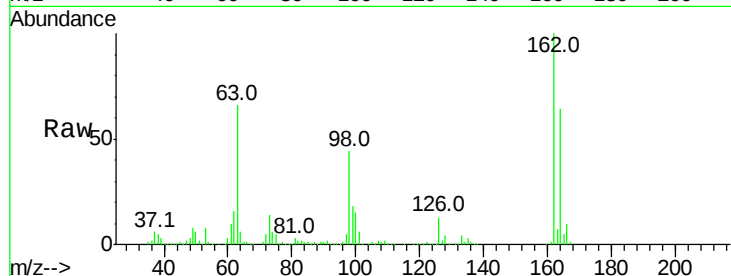
Tot Ion:162 Resp: 686654

Ion Ratio Lower Upper

162 100

164 63.9 44.1 84.1

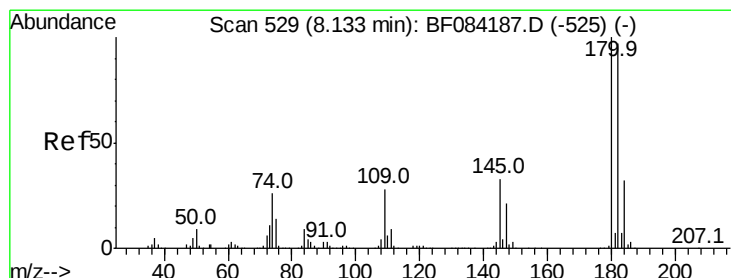
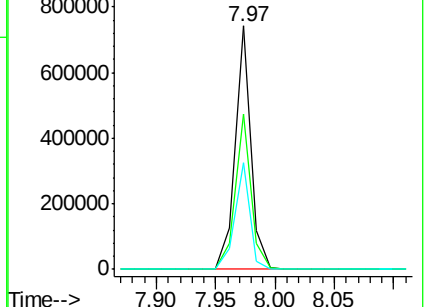
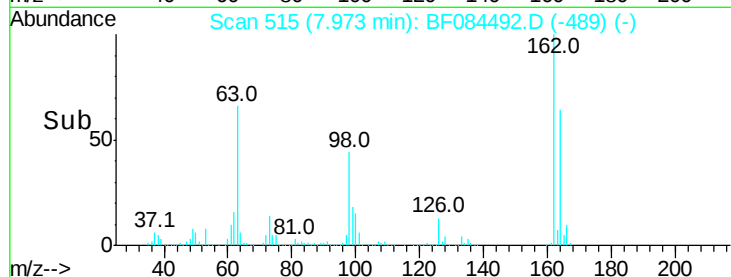
98 44.0 20.2 60.2



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: 43.76 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

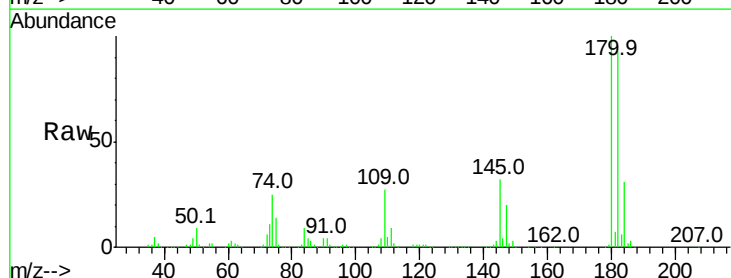
Tgt Ion:180 Resp: 741866

Ion Ratio Lower Upper

180 100

182 93.4 76.4 114.6

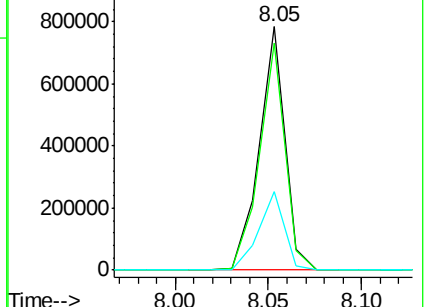
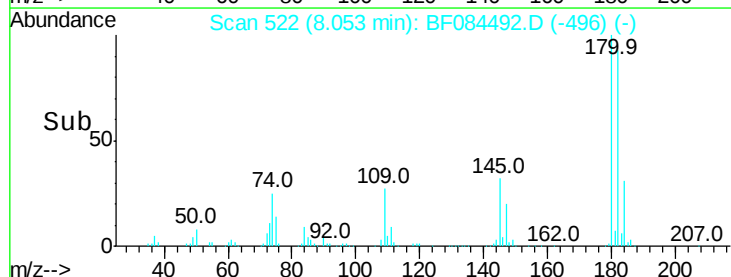
145 32.1 31.6 47.4

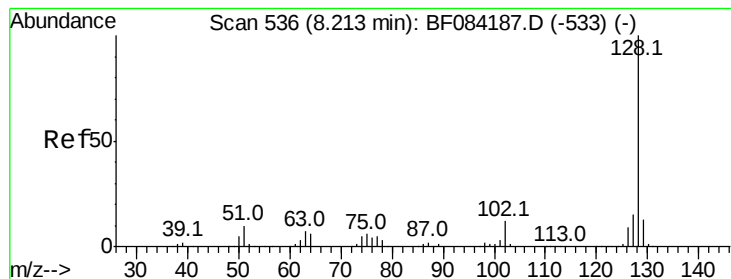


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.32 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

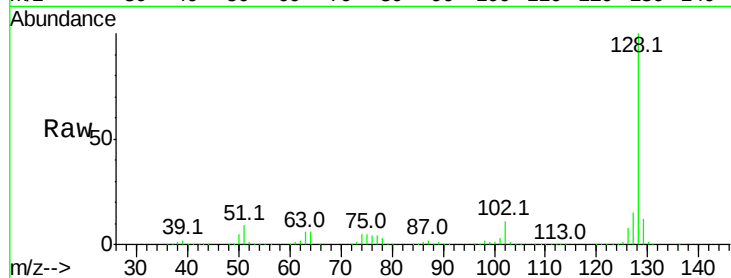
Tot Ion:128 Resp: 2254669

Ion Ratio Lower Upper

128 100

129 12.5 9.1 13.7

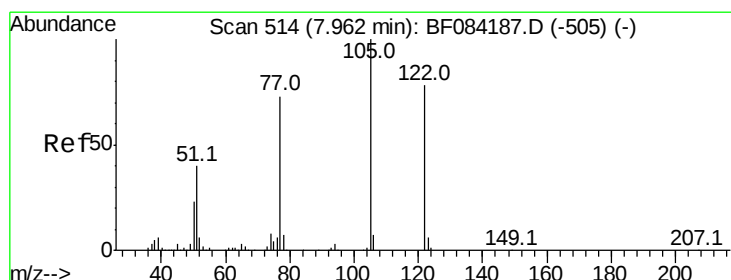
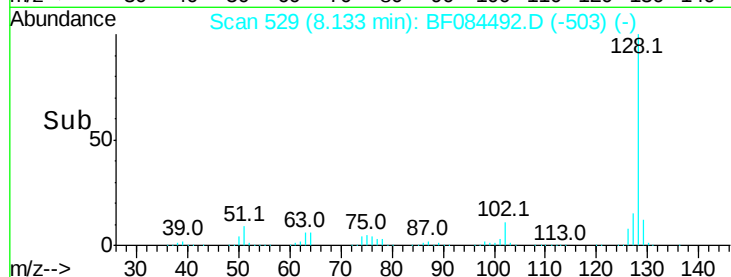
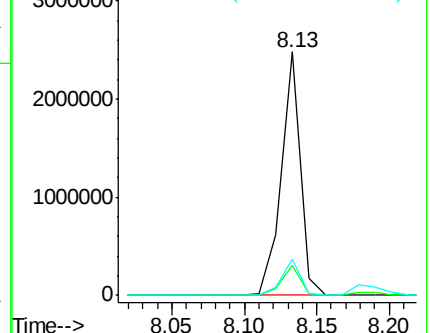
127 14.7 11.1 16.7



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: 39.43 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

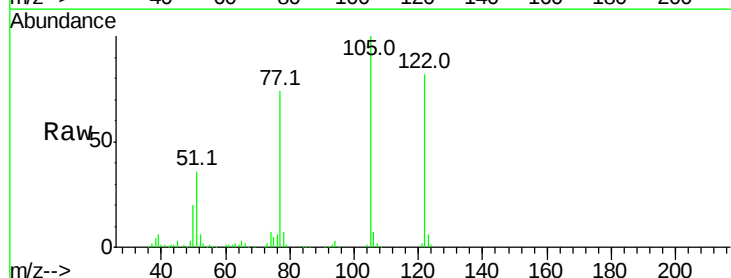
Tgt Ion:122 Resp: 483753

Ion Ratio Lower Upper

122 100

105 122.2 100.3 140.3

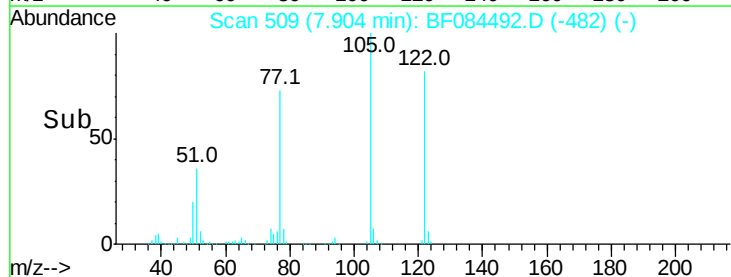
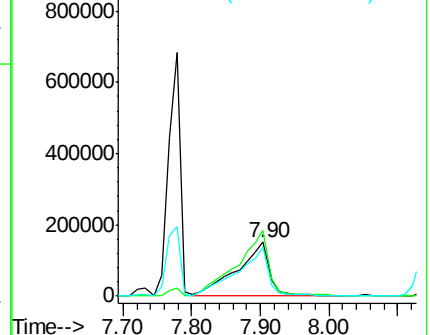
77 91.0 63.5 103.5

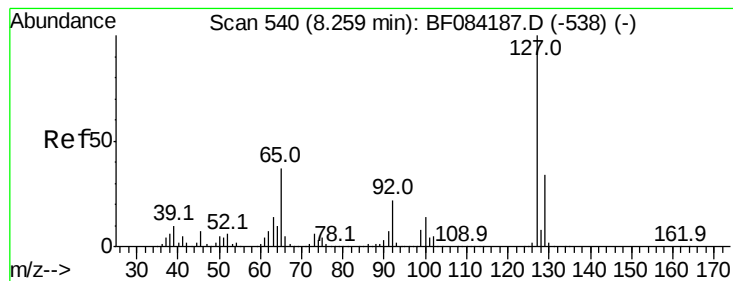


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 7.05 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 172274

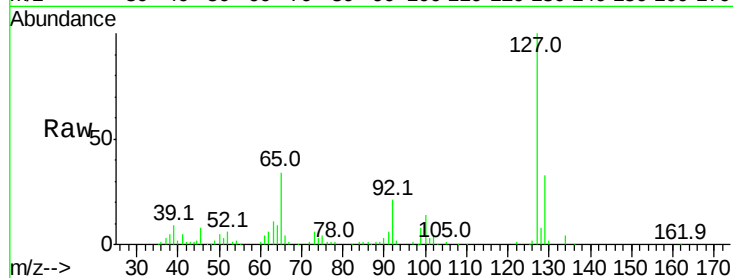
Ion Ratio Lower Upper

127 100

129 32.9 26.5 39.7

65 34.2 27.2 40.8

92 21.2 17.7 26.5

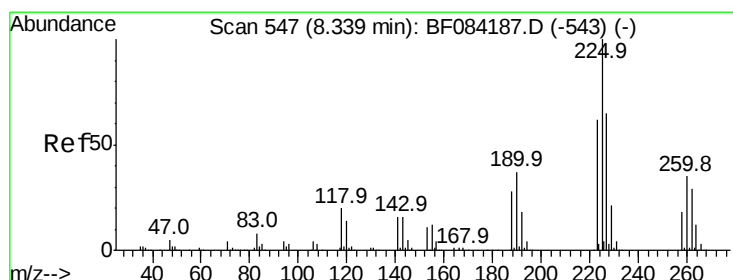
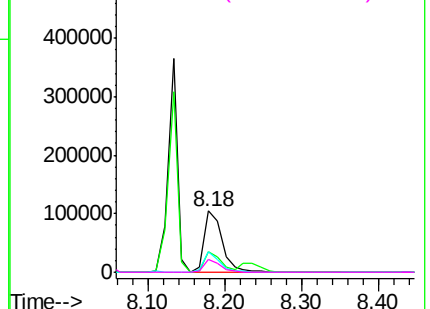
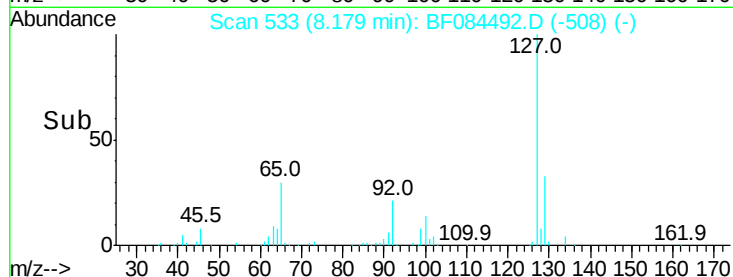


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.19 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

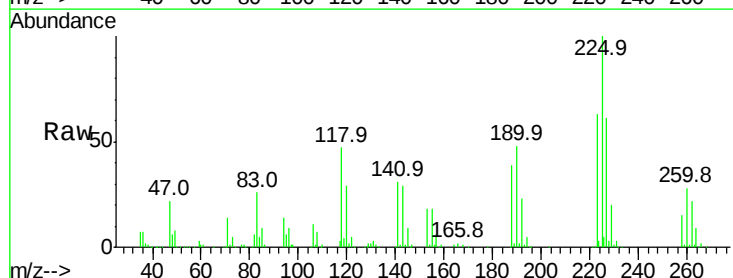
Tgt Ion:225 Resp: 391659

Ion Ratio Lower Upper

225 100

223 62.8 49.4 74.0

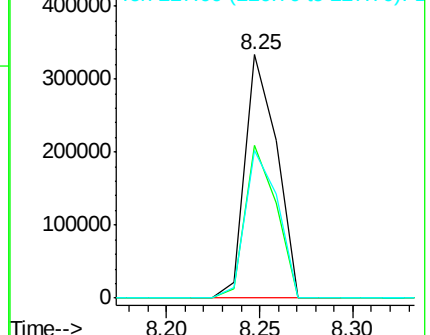
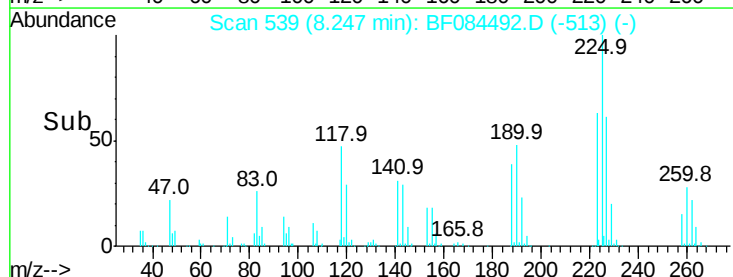
227 60.9 50.8 76.2

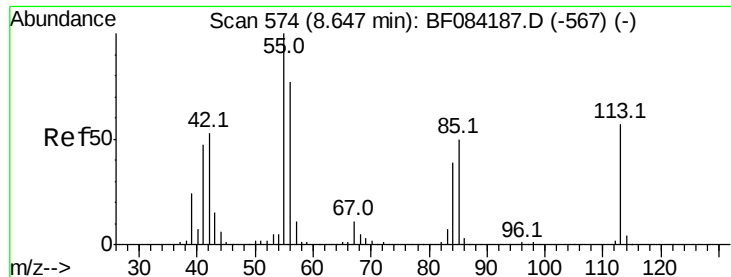


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

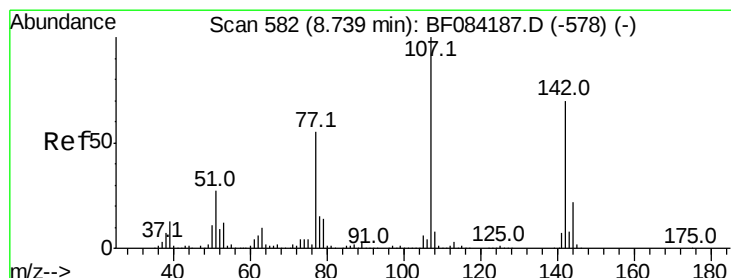
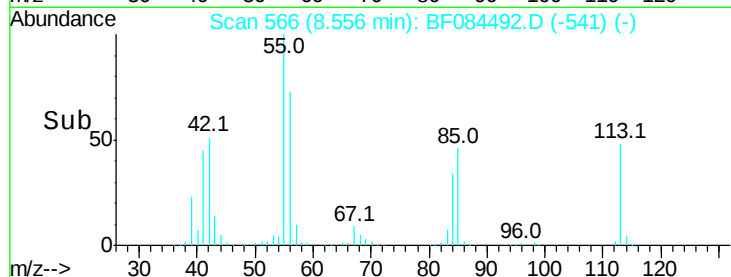
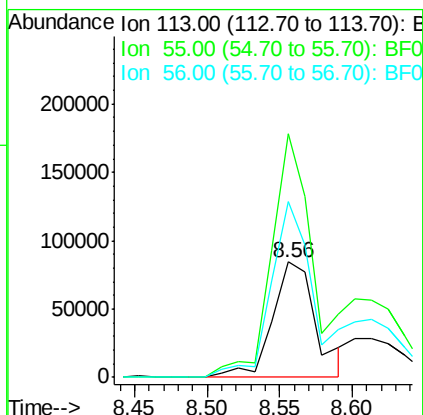
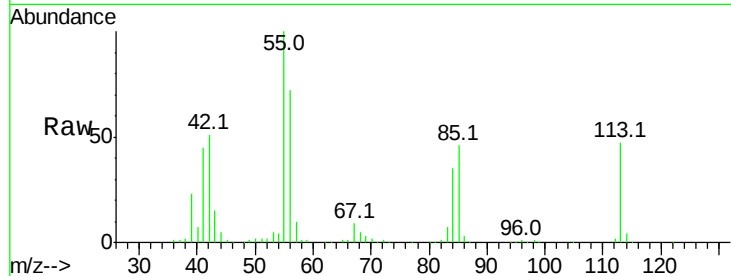




#35
 Caprolactam
 Concen: 31.39 ng
 RT: 8.56 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF084492.D
 Acq: 15 Jan 2016 15:49

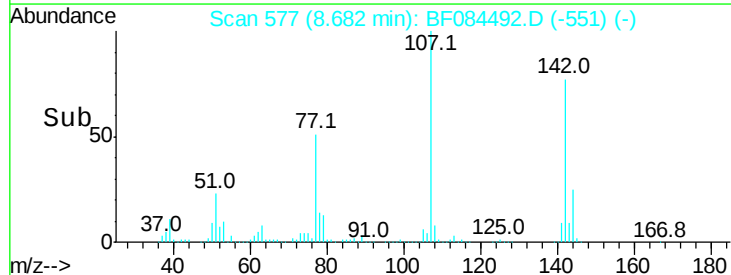
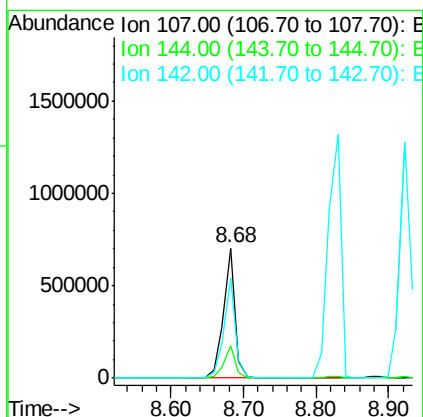
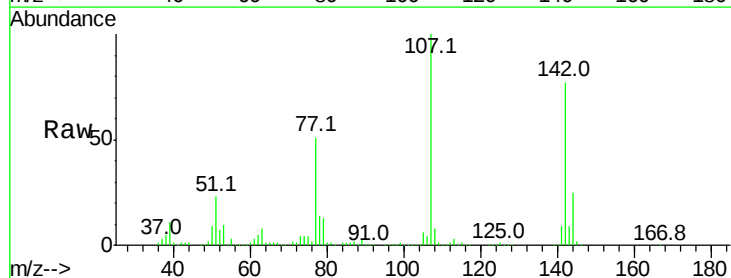
Instrument :
 BNA_F
 ClientSampleId :

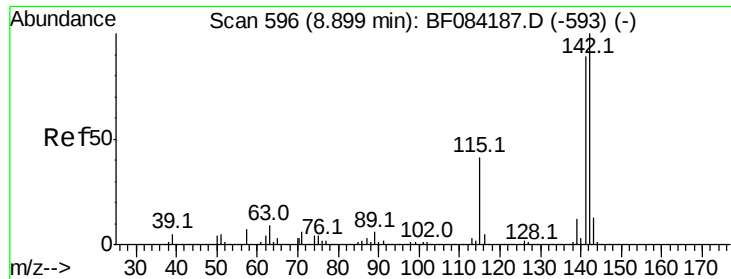
Tot Ion:113 Resp: 173771
 Ion Ratio Lower Upper
 113 100
 55 211.5 116.9 156.9#
 56 153.1 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 42.34 ng
 RT: 8.68 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF084492.D
 Acq: 15 Jan 2016 15:49

Tgt Ion:107 Resp: 778797
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.7 29.5
 142 76.8 61.8 92.6

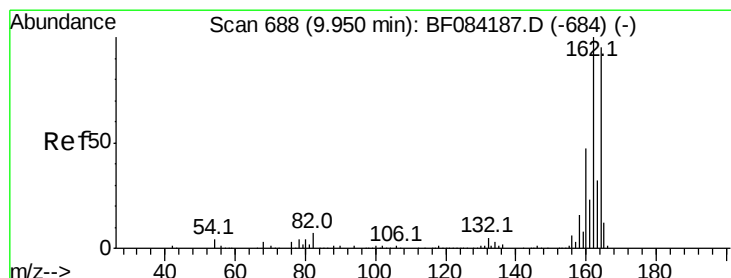
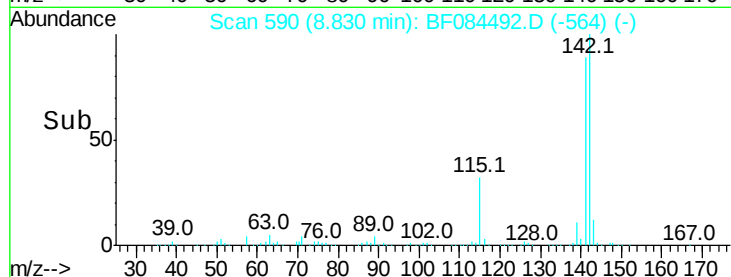
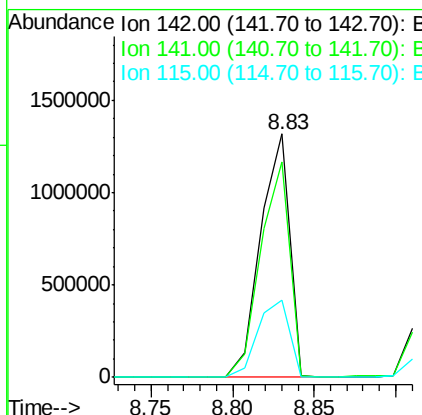
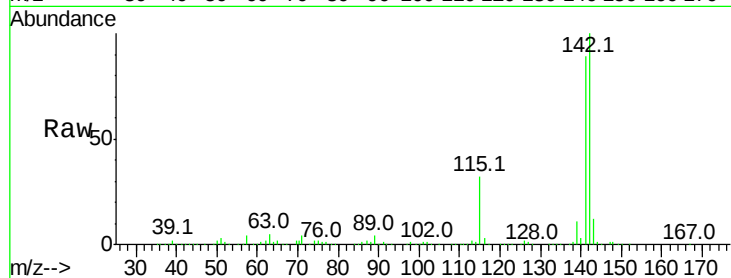




#37
 2-Methylnaphthalene
 Concen: 42.73 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF084492.D
 Acq: 15 Jan 2016 15:49

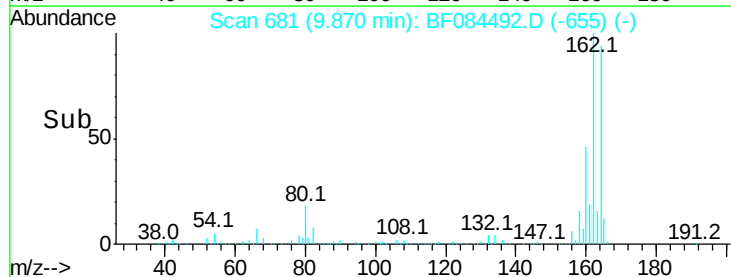
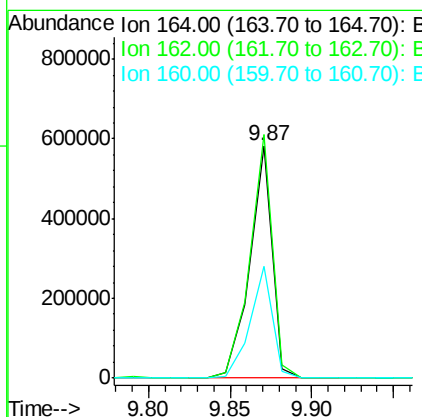
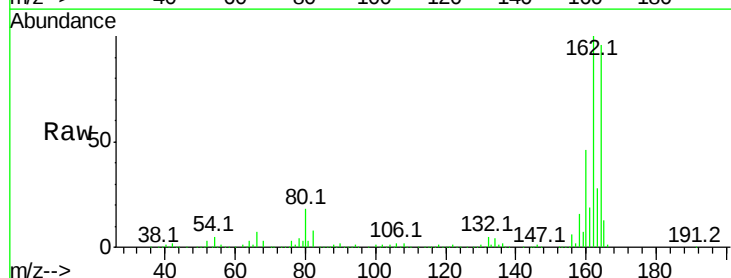
Instrument :
 BNA_F
 ClientSampleId :

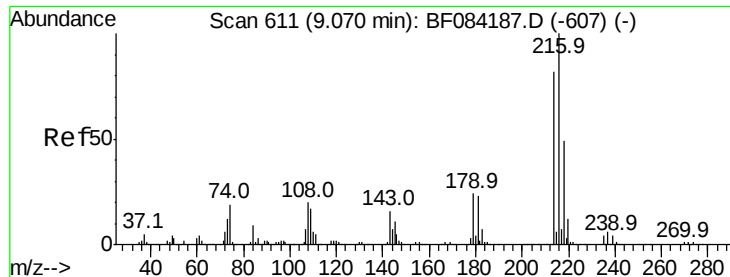
Tot Ion:142 Resp: 1633921
 Ion Ratio Lower Upper
 142 100
 141 88.5 72.4 108.6
 115 32.0 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF084492.D
 Acq: 15 Jan 2016 15:49

Tgt Ion:164 Resp: 551400
 Ion Ratio Lower Upper
 164 100
 162 104.7 85.1 127.7
 160 48.1 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.66 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 612799

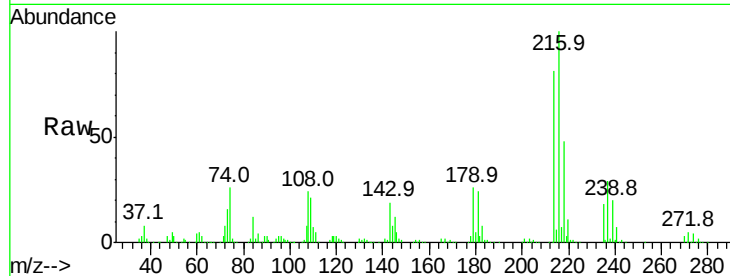
Ion Ratio Lower Upper

216 100

214 79.7 64.2 96.2

179 23.3 18.7 28.1

108 23.7 16.8 25.2

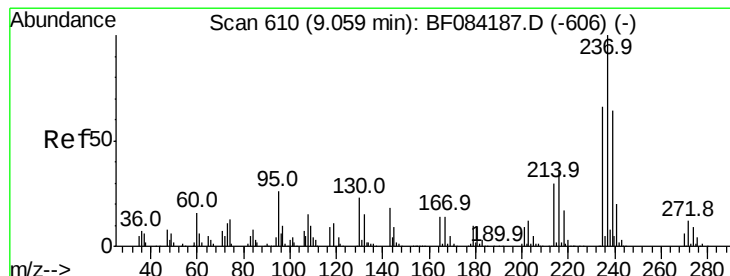
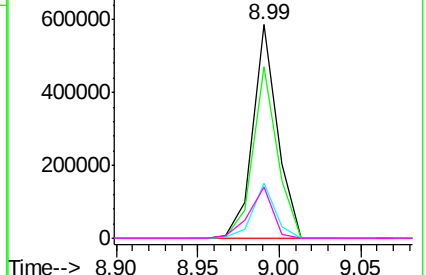
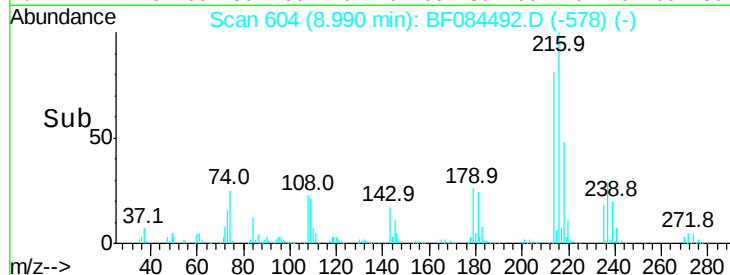


Abundance Ion 216.00 (215.70 to 216.70): E

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: 63.25 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

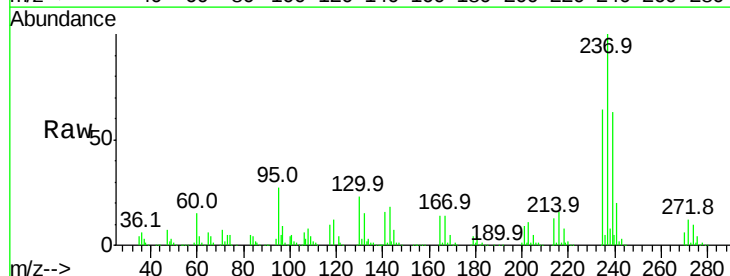
Tgt Ion:237 Resp: 605268

Ion Ratio Lower Upper

237 100

235 64.4 43.1 83.1

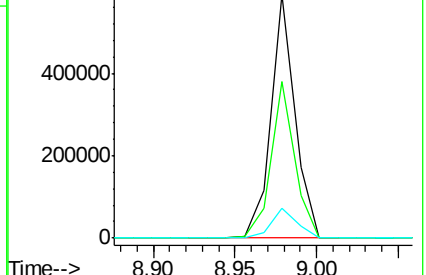
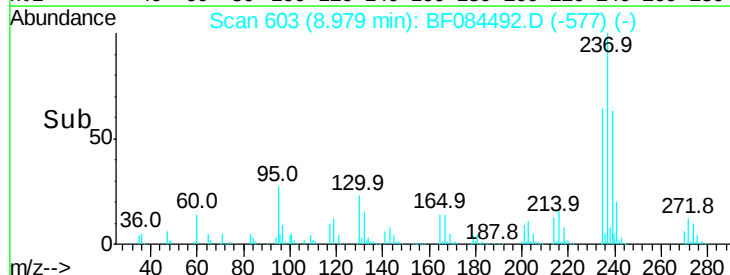
272 12.3 0.0 35.1

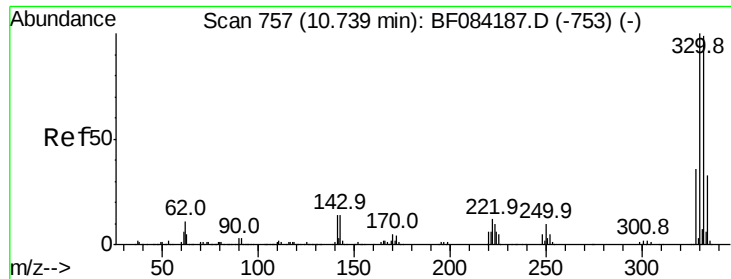


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

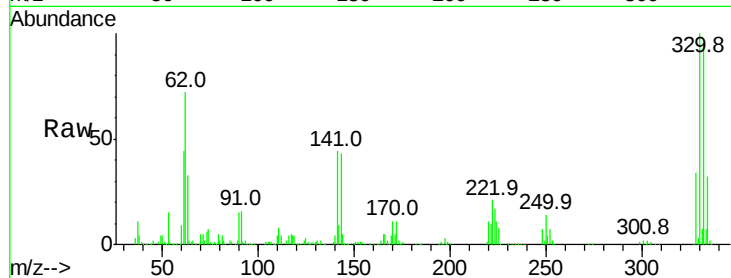




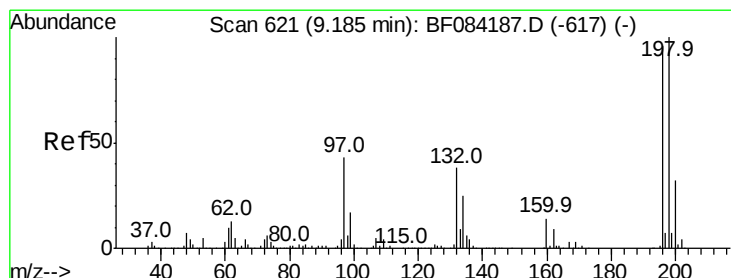
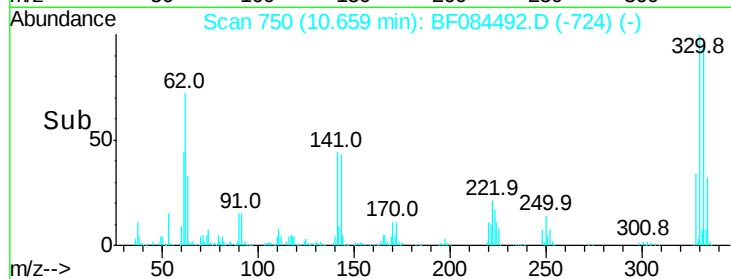
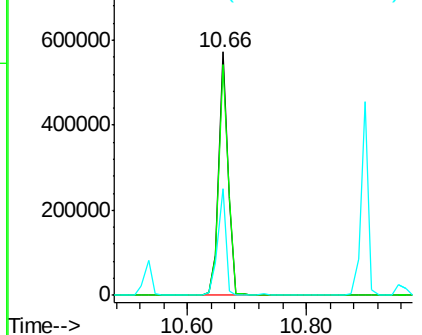
#41
 2,4,6-Tribromophenol
 Concen: 113.04 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084492.D
 Acq: 15 Jan 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	38.1	27.8	41.6

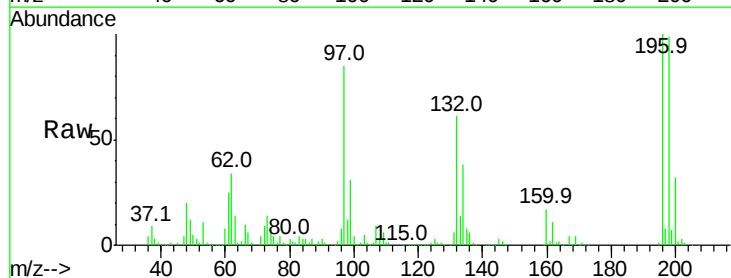


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

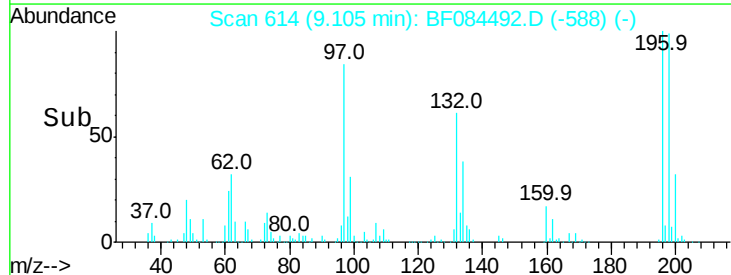
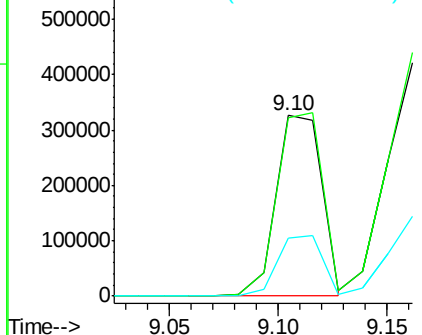


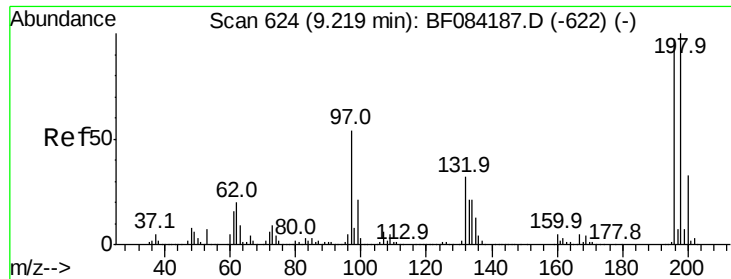
#42
 2,4,6-Trichlorophenol
 Concen: 40.38 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF084492.D
 Acq: 15 Jan 2016 15:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.9	77.7	116.5
200	32.0	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

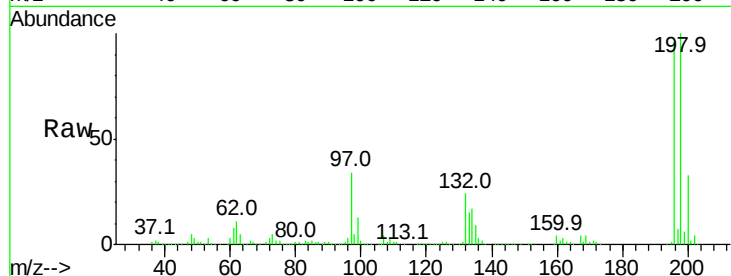




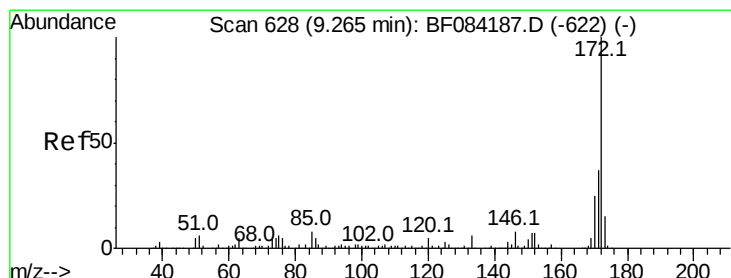
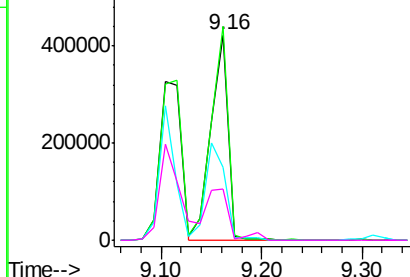
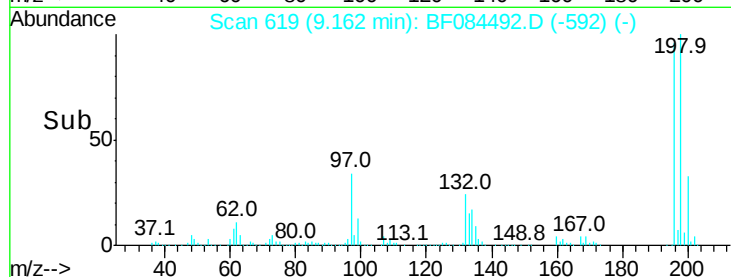
#43
 2,4,5-Trichlorophenol
 Concen: 44.05 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF084492.D
 Acq: 15 Jan 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	500787
Ion	Ratio	Lower	Upper
196	100		
198	104.2	79.0	118.6
97	35.7	33.0	49.6
132	24.8	21.1	31.7

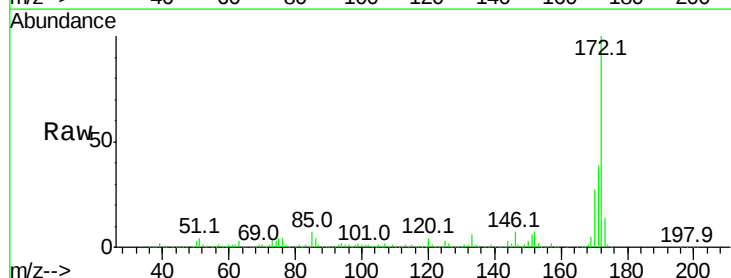


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

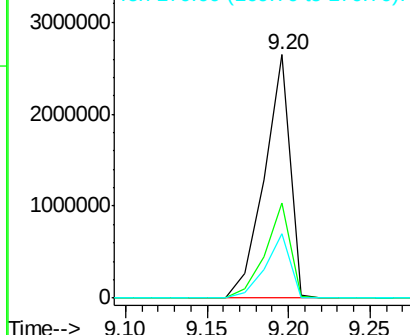
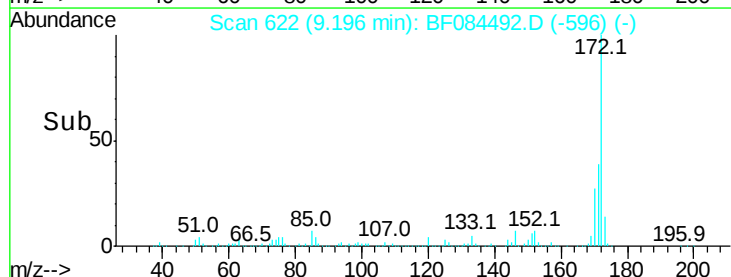


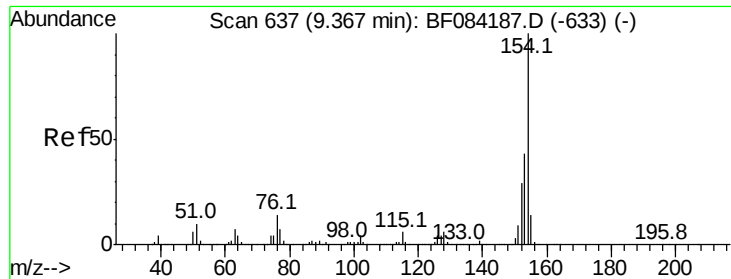
#44
 2-Fluorobiphenyl
 Concen: 93.64 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF084492.D
 Acq: 15 Jan 2016 15:49

Tgt Ion:	172	Resp:	2914803
Ion	Ratio	Lower	Upper
172	100		
171	38.9	28.9	43.3
170	26.5	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: 41.55 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

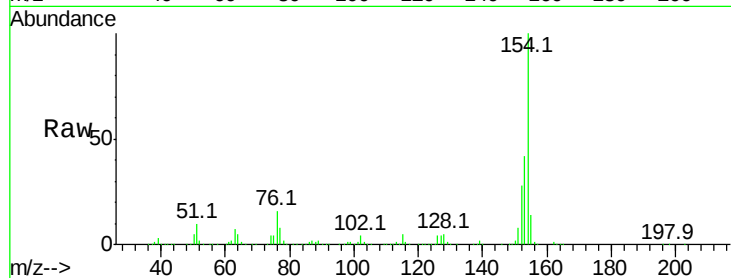
Tot Ion:154 Resp: 1820952

Ion Ratio Lower Upper

154 100

153 41.7 21.6 61.6

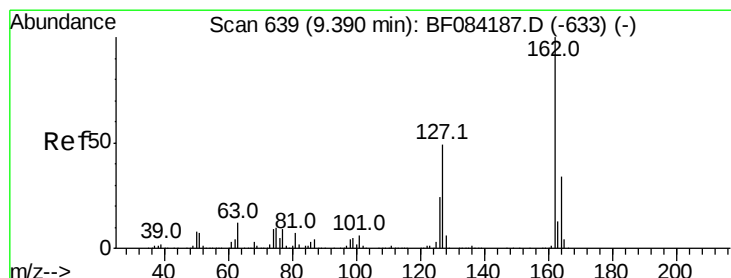
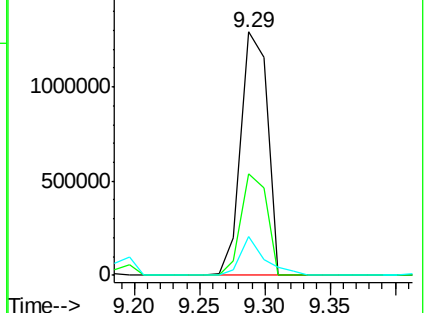
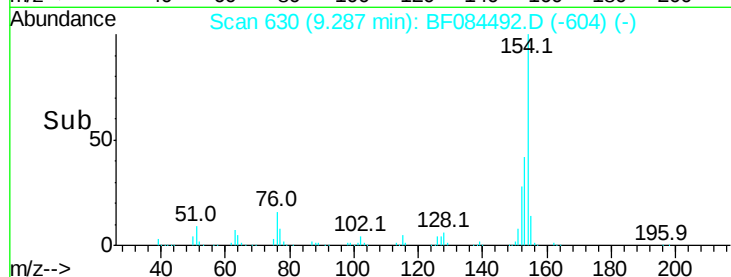
76 15.7 0.0 32.7



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: 41.62 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

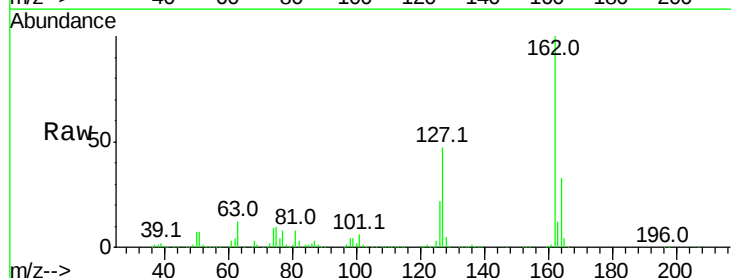
Tgt Ion:162 Resp: 1432690

Ion Ratio Lower Upper

162 100

127 46.6 40.2 60.4

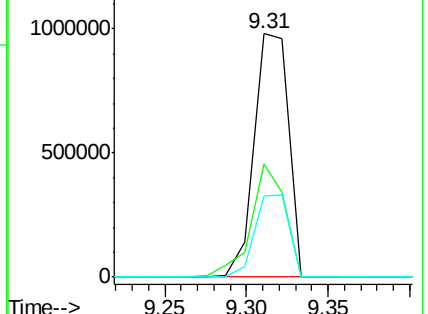
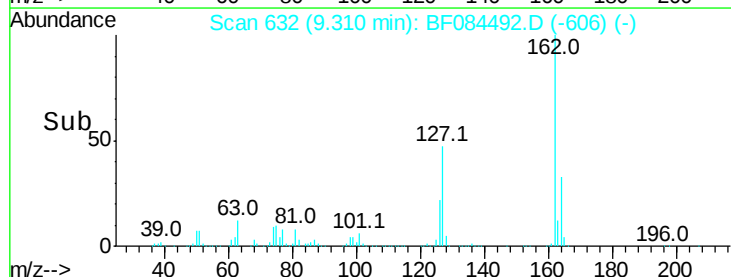
164 33.1 25.7 38.5

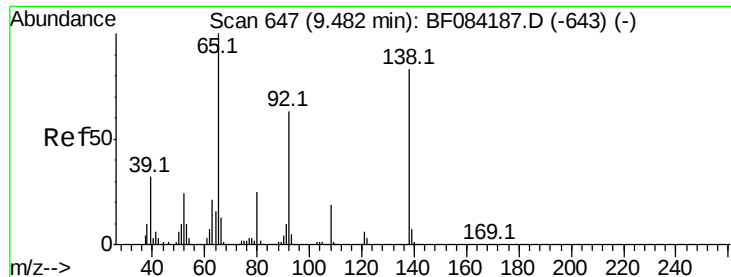


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.51 ng

RT: 9.41 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

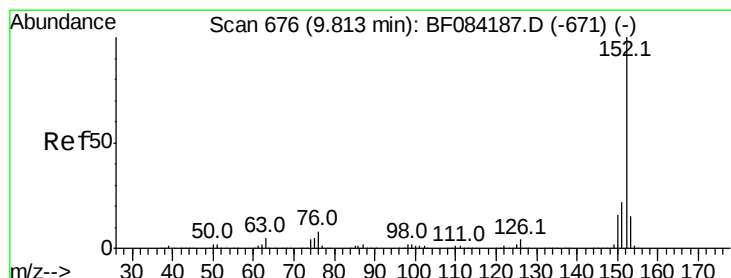
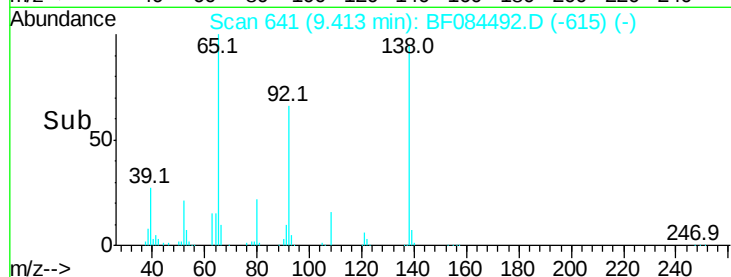
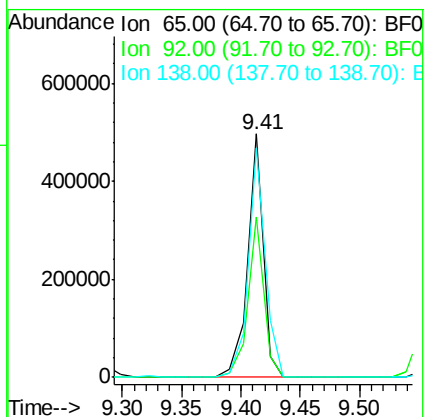
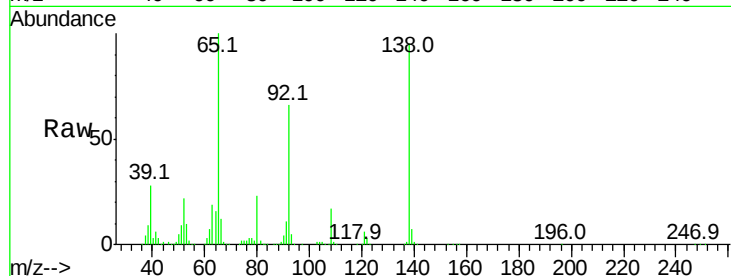
Tot Ion: 65 Resp: 460268

Ion Ratio Lower Upper

65 100

92 65.7 53.4 80.2

138 94.5 71.1 106.7



#48

Acenaphthylene

Concen: 43.50 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

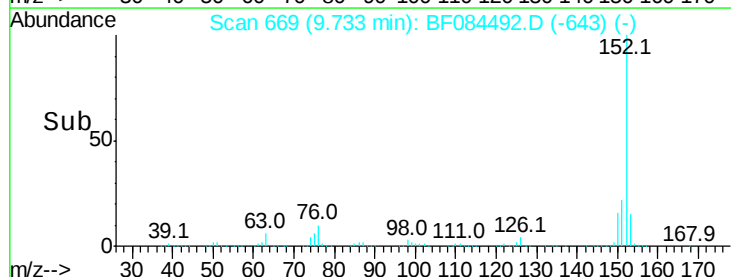
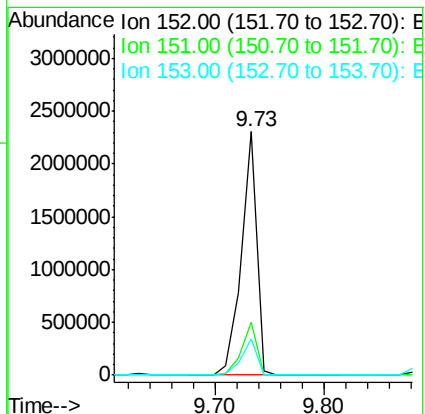
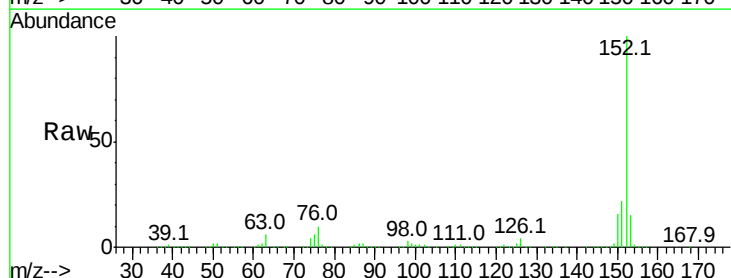
Tgt Ion: 152 Resp: 2212251

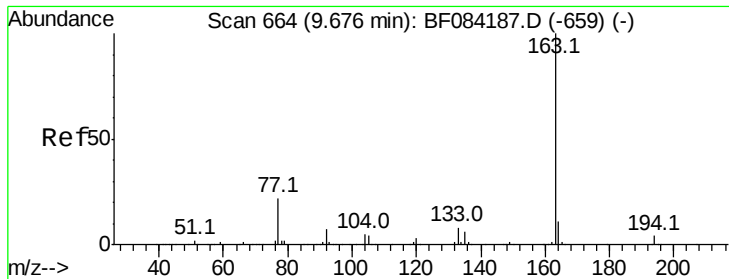
Ion Ratio Lower Upper

152 100

151 21.7 16.3 24.5

153 15.1 10.4 15.6





#49

Dimethylphthalate

Concen: 40.66 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

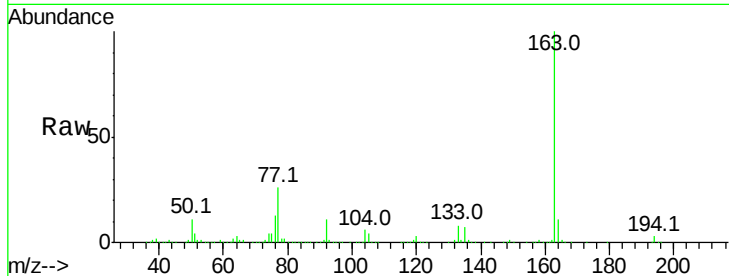
Tot Ion:163 Resp: 1602698

Ion Ratio Lower Upper

163 100

194 3.2 8.0 12.0#

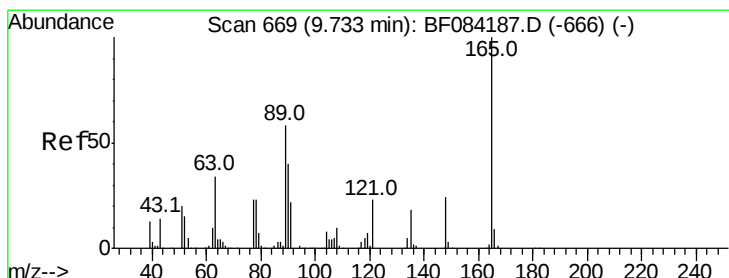
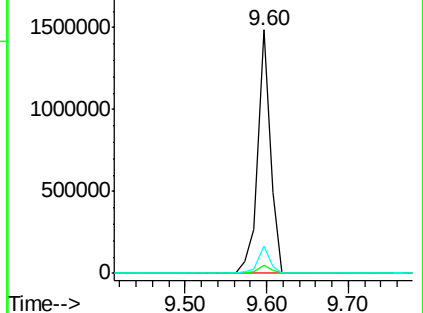
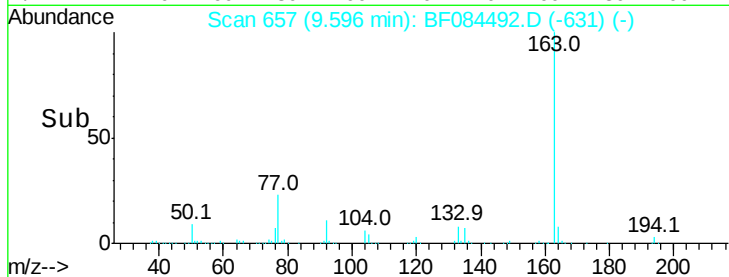
164 11.3 8.0 12.0



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: 44.97 ng

RT: 9.66 min Scan# 663

Delta R.T. 0.01 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

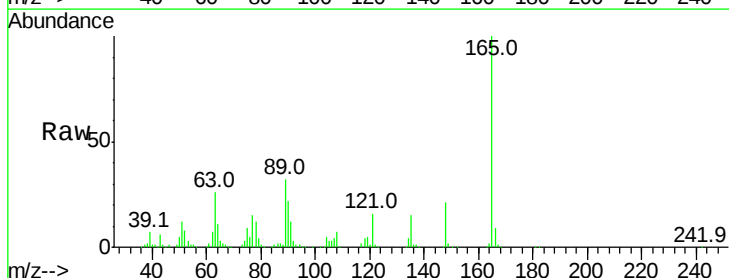
Tgt Ion:165 Resp: 388771

Ion Ratio Lower Upper

165 100

63 26.3 28.8 43.2#

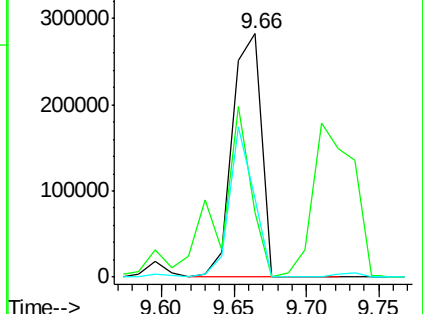
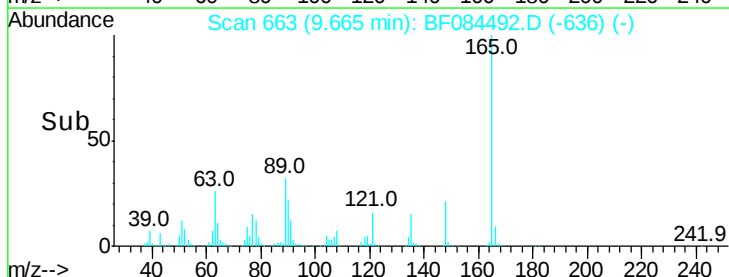
89 32.1 35.1 52.7#

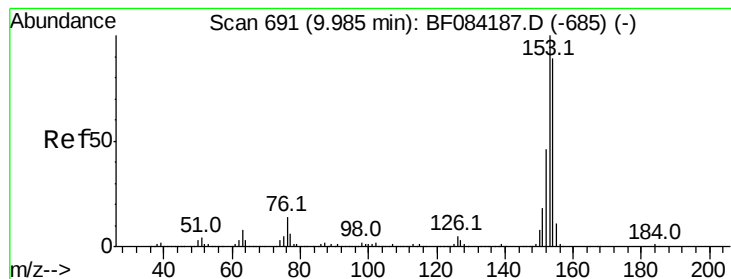


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 49.83 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

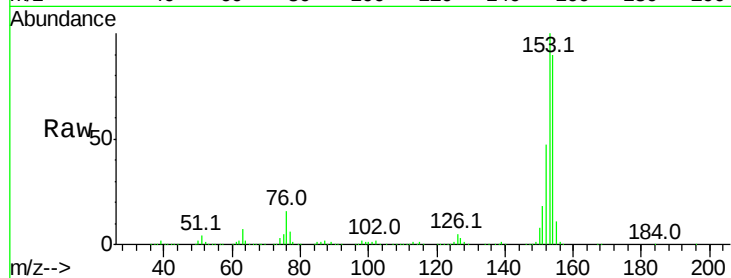
Tot Ion:154 Resp: 1699859

Ion Ratio Lower Upper

154 100

153 111.6 91.5 137.3

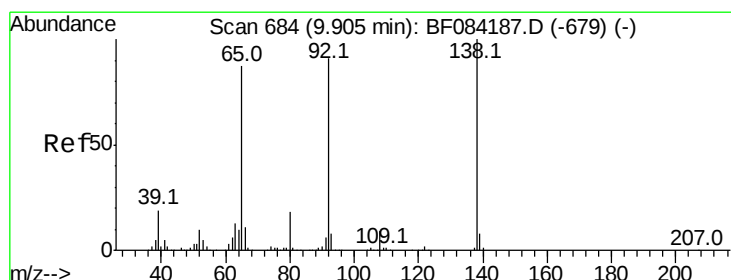
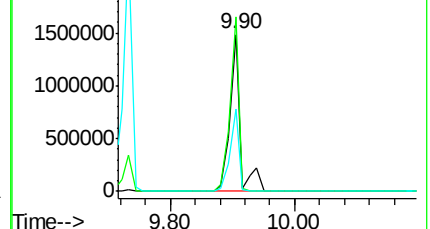
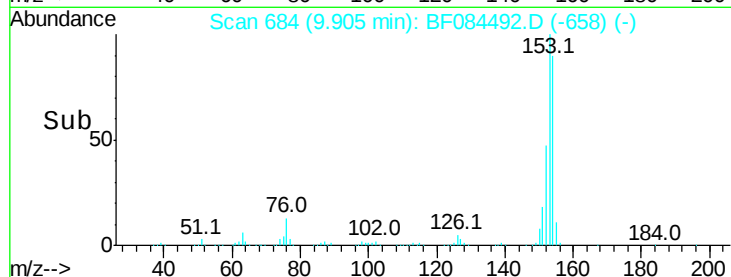
152 52.8 43.0 64.6



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: 14.02 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

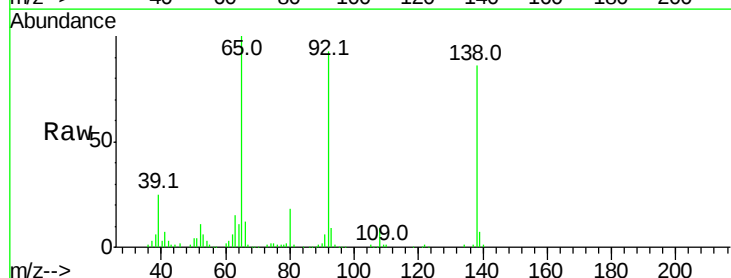
Tgt Ion:138 Resp: 150213

Ion Ratio Lower Upper

138 100

108 10.2 10.5 15.7#

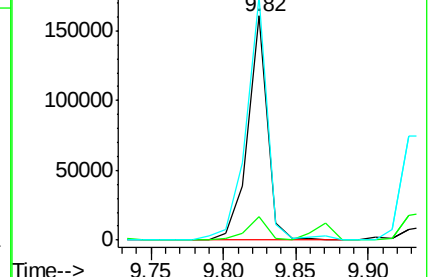
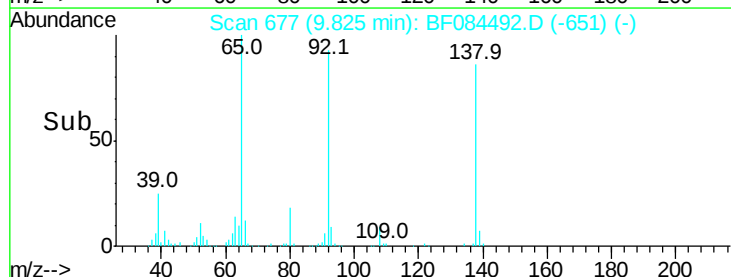
92 108.5 103.9 155.9

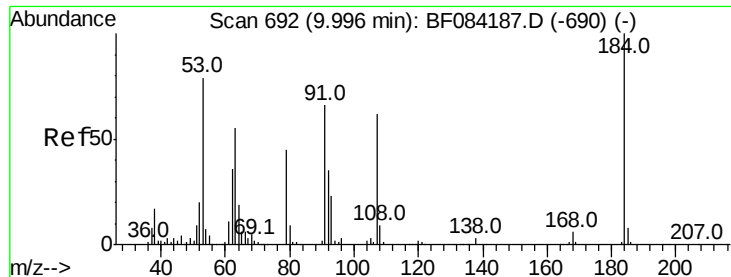


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

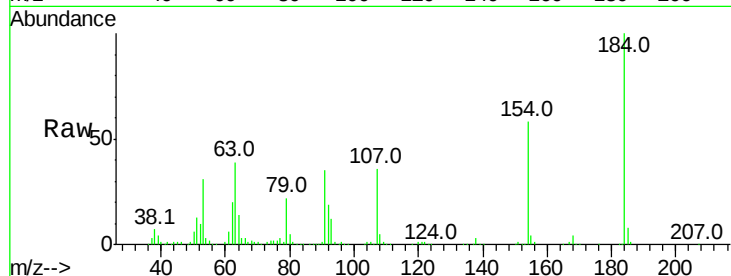




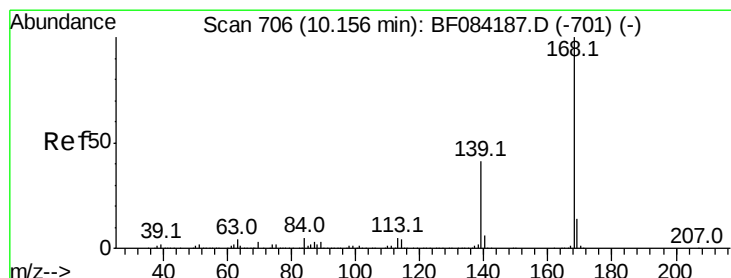
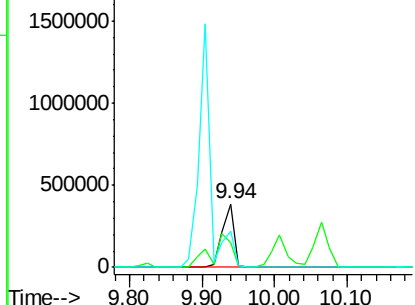
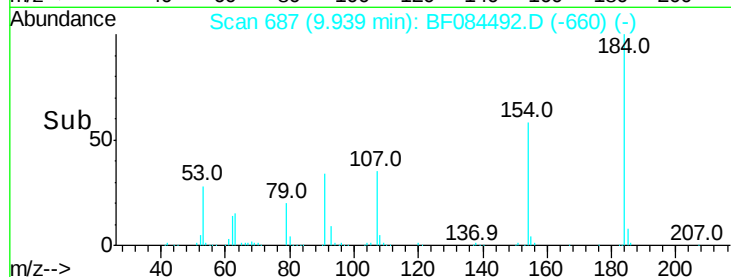
#53
2,4-Dinitrophenol
Concen: 120.63 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 451237
Ion Ratio Lower Upper
184 100
63 38.5 43.1 64.7#
154 58.1 60.5 90.7#

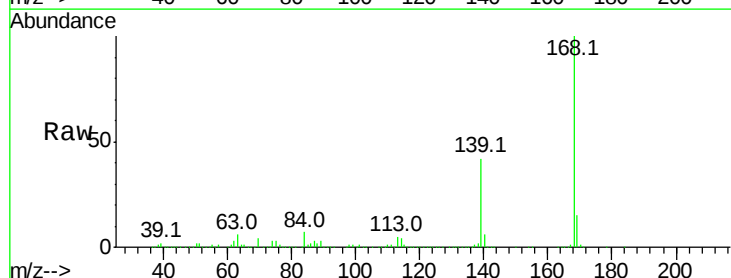


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

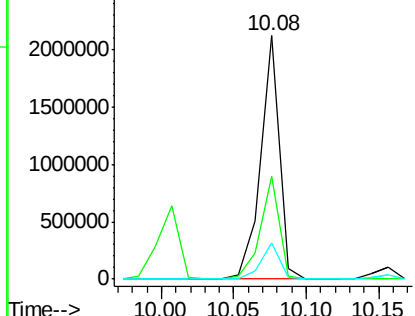
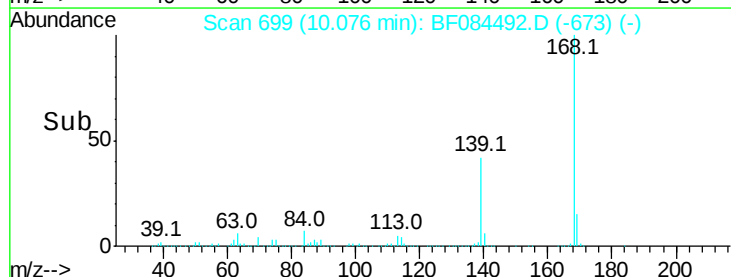


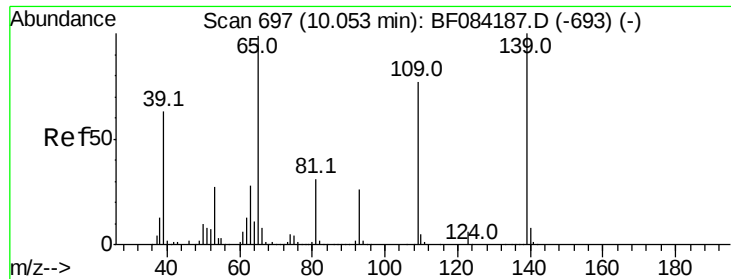
#54
Dibenzofuran
Concen: 42.70 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

Tgt Ion:168 Resp: 1893394
Ion Ratio Lower Upper
168 100
139 42.4 30.5 45.7
169 14.7 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: 87.08 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.01 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :
BNA_F
ClientSampleId :

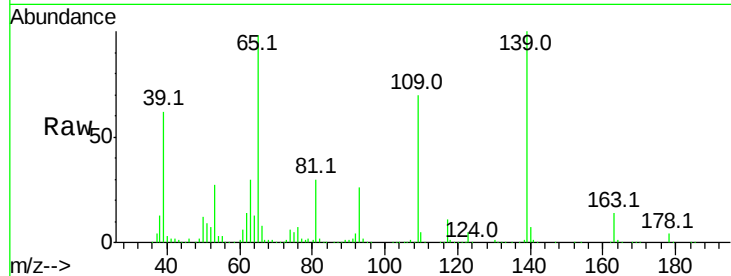
Tot Ion:139 Resp: 677189

Ion Ratio Lower Upper

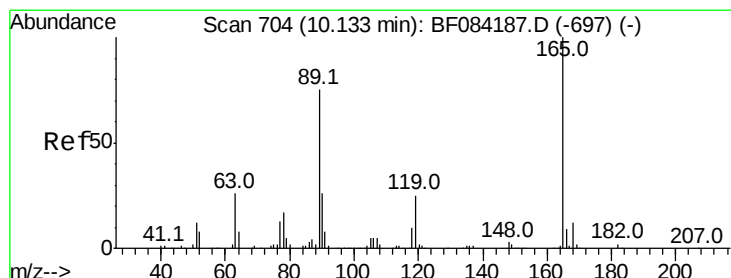
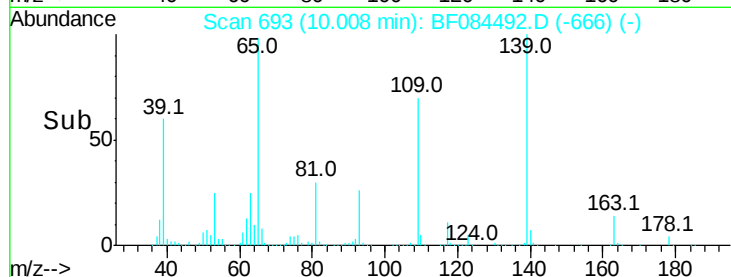
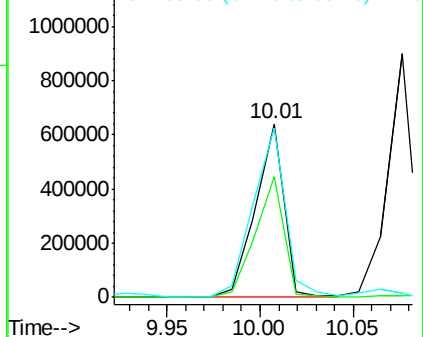
139 100

109 70.0 58.5 98.5

65 98.0 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: 50.62 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Tgt Ion:165 Resp: 553916

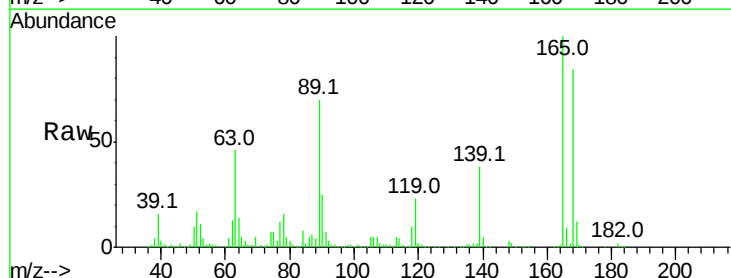
Ion Ratio Lower Upper

165 100

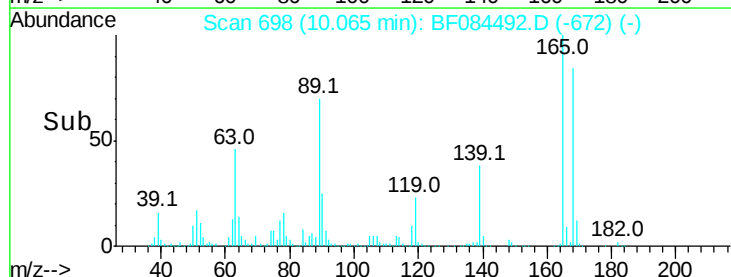
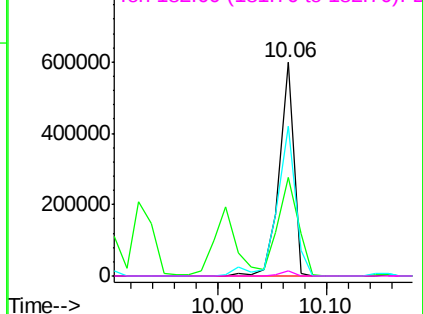
63 45.9 36.7 55.1

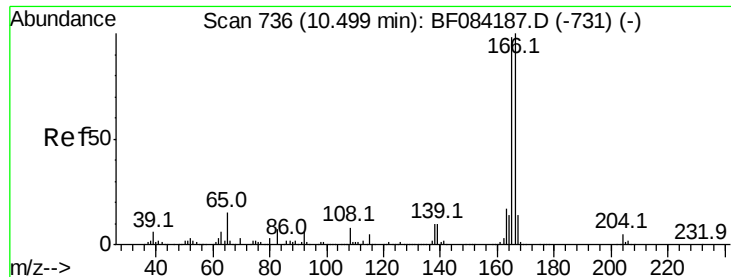
89 70.3 61.9 92.9

182 2.3 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: 44.86 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

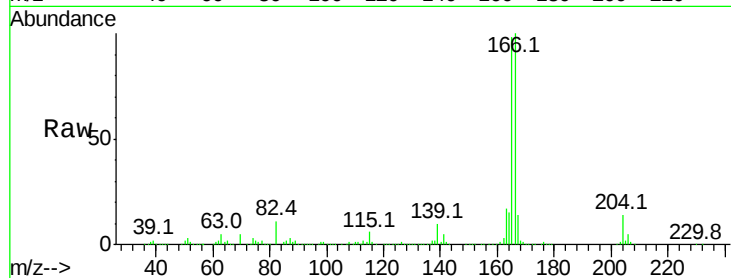
Tot Ion:166 Resp: 1532799

Ion Ratio Lower Upper

166 100

165 98.0 79.1 118.7

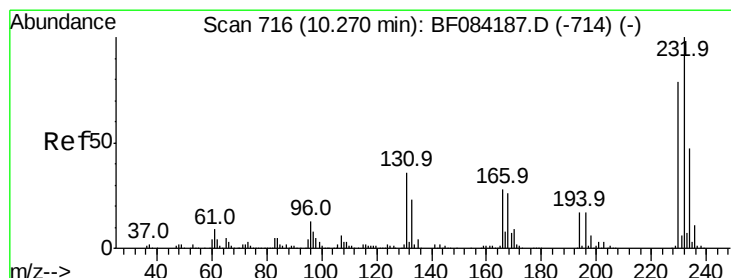
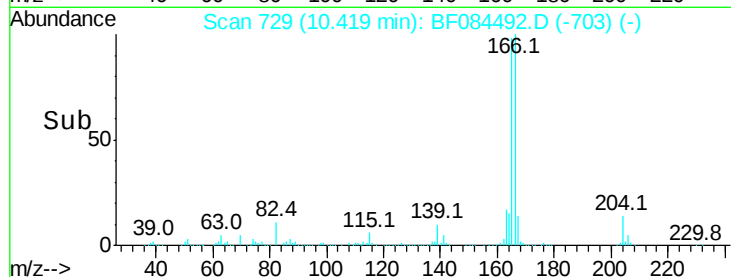
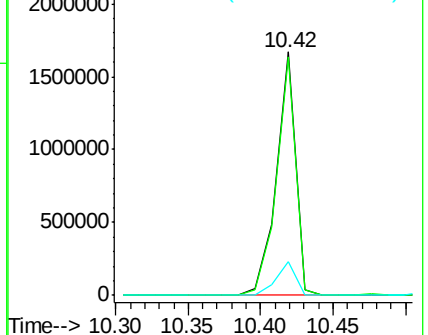
167 13.8 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.07 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Tgt Ion:232 Resp: 408325

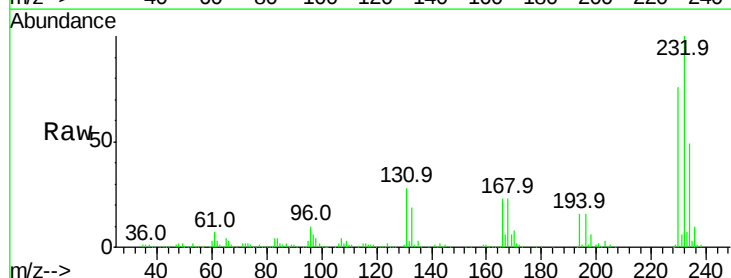
Ion Ratio Lower Upper

232 100

131 47.7 47.0 70.6

130 2.2 2.0 3.0

166 31.3 30.5 45.7

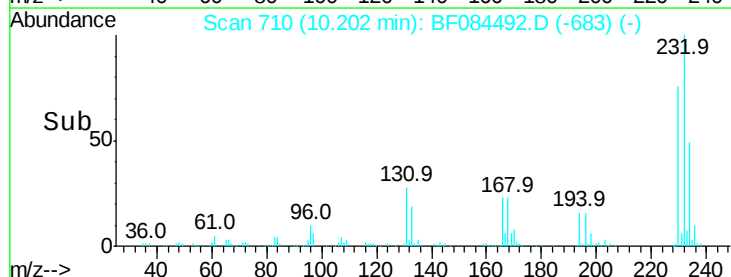
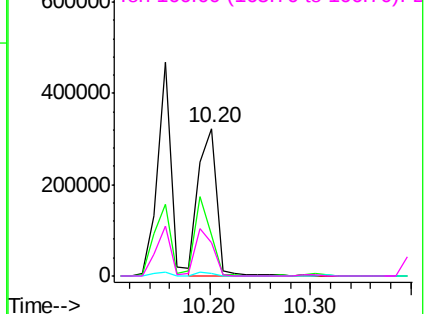


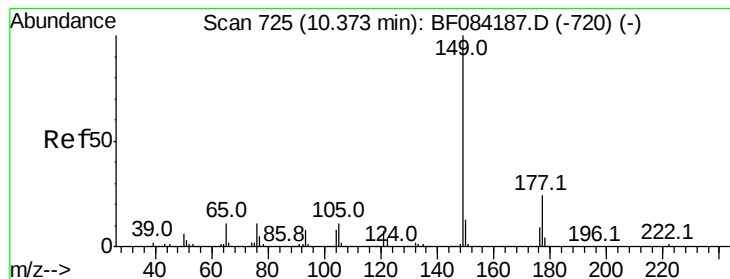
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.48 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampled :

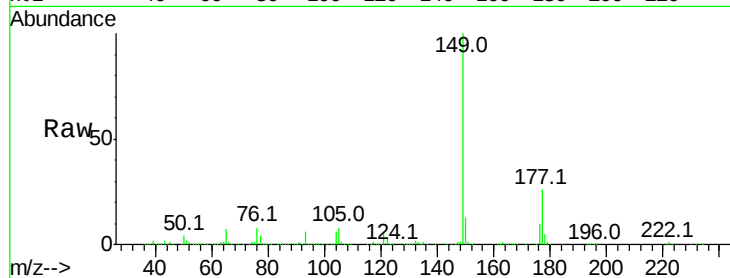
Tot Ion:149 Resp: 1690065

Ion Ratio Lower Upper

149 100

177 25.6 17.3 25.9

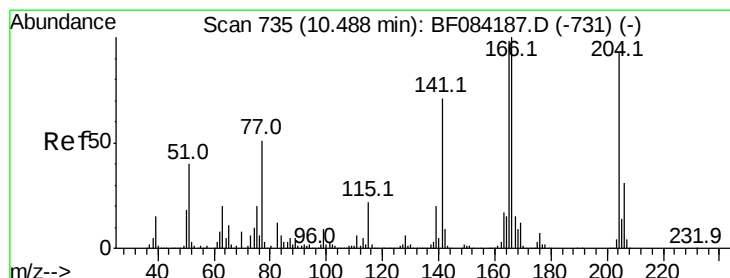
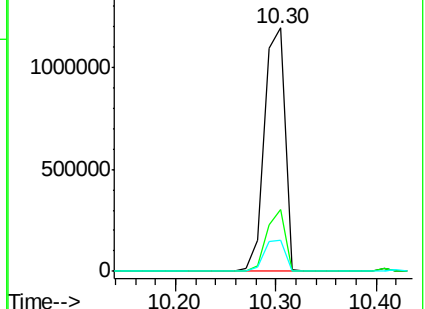
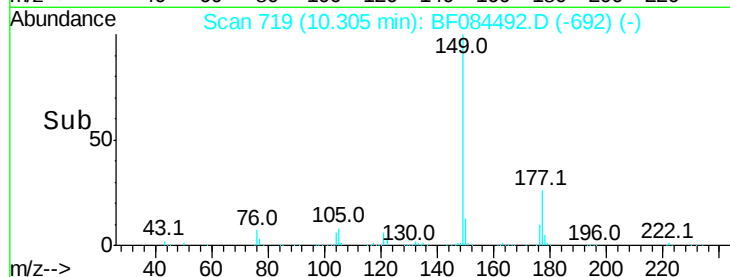
150 12.5 9.8 14.8



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: 44.06 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

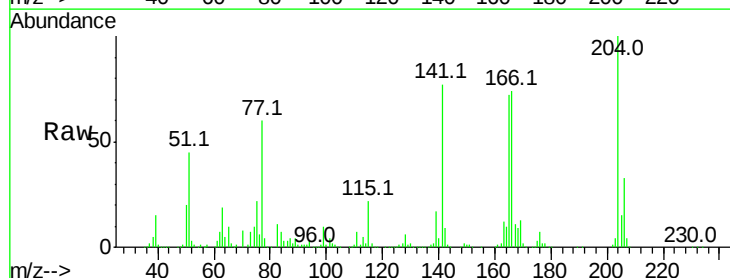
Tgt Ion:204 Resp: 637563

Ion Ratio Lower Upper

204 100

206 32.8 25.7 38.5

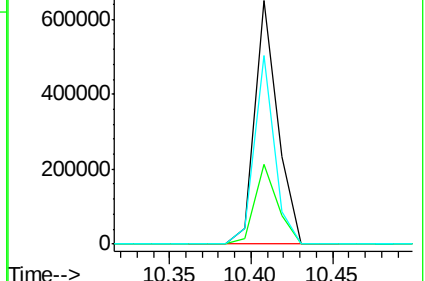
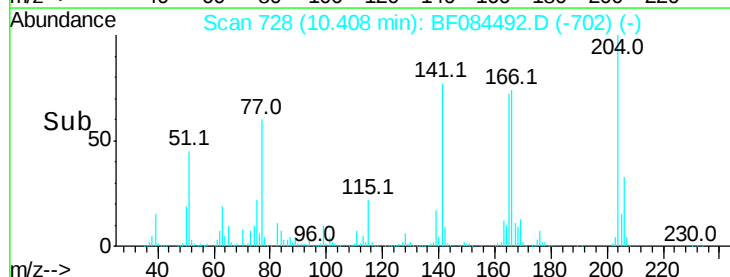
141 77.2 55.1 82.7

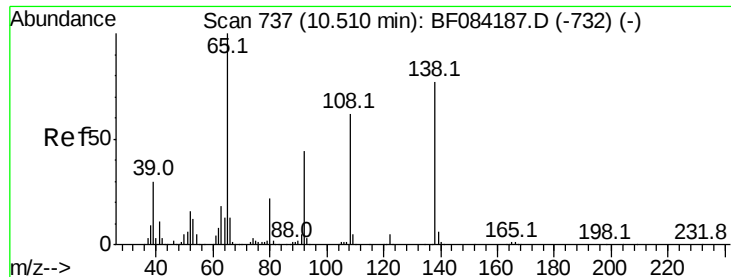


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

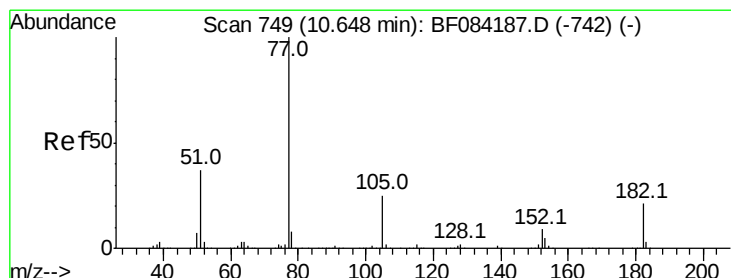
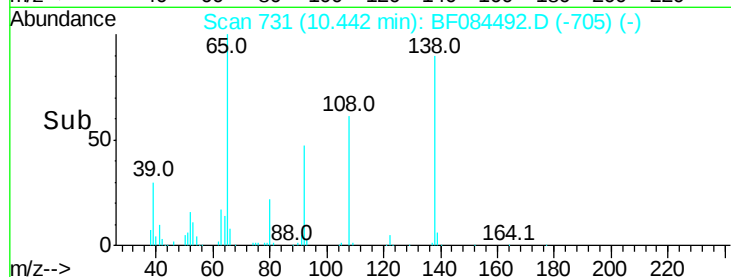
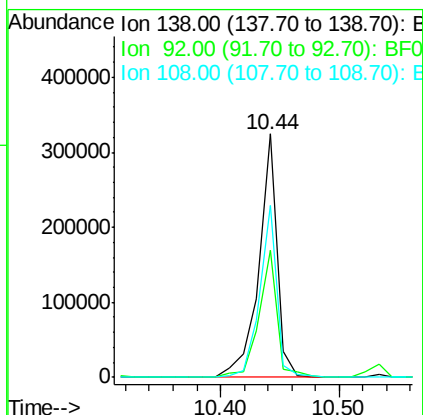
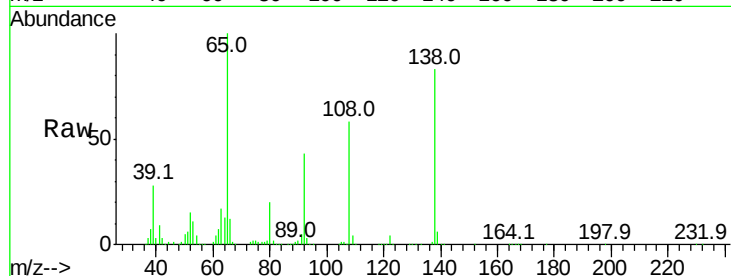




#61
4-Nitroaniline
Concen: 36.87 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

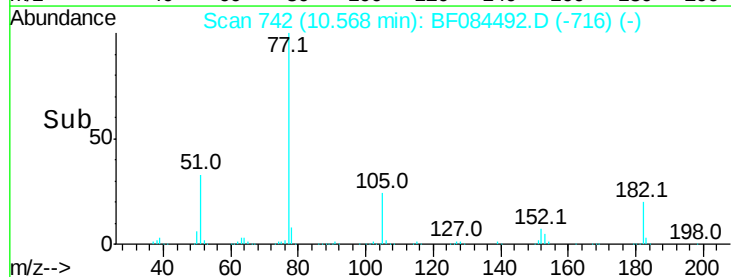
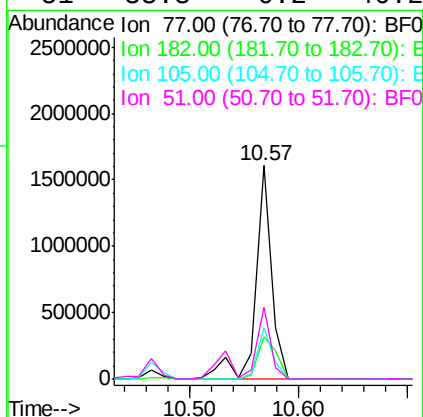
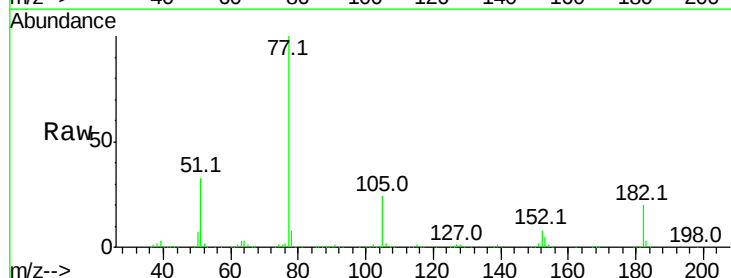
Instrument :
BNA_F
ClientSampleId :

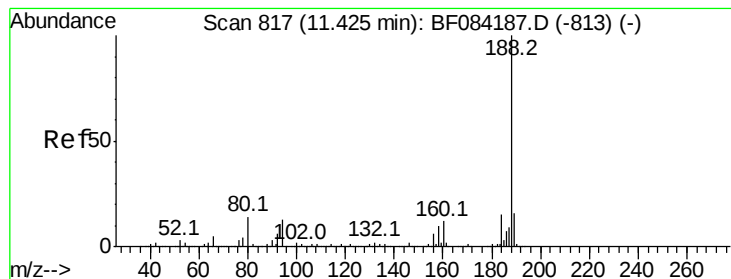
Tot Ion:138 Resp: 352136
Ion Ratio Lower Upper
138 100
92 52.2 32.6 72.6
108 70.6 68.6 108.6



#62
Azobenzene
Concen: 39.23 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

Tgt Ion: 77 Resp: 1672284
Ion Ratio Lower Upper
77 100
182 19.9 8.3 48.3
105 24.2 4.6 44.6
51 33.3 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: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampled :

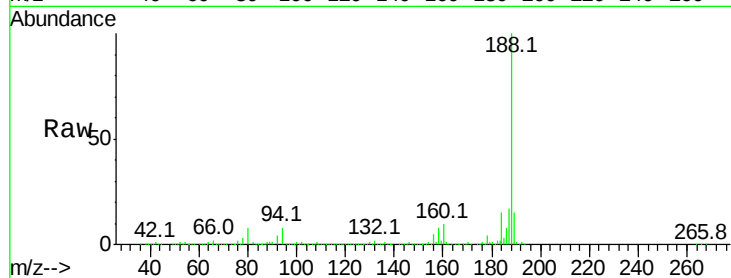
Tot Ion:188 Resp: 977473

Ion Ratio Lower Upper

188 100

94 7.7 9.0 13.4#

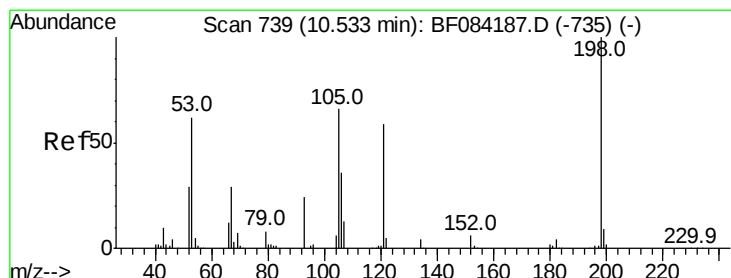
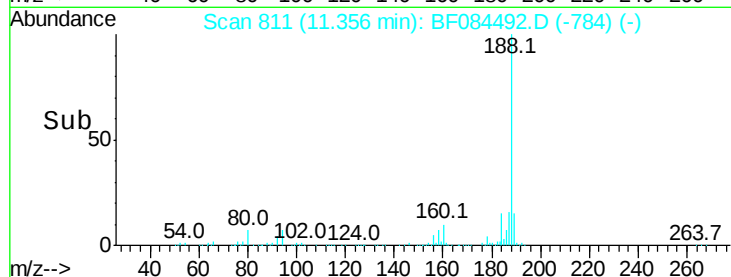
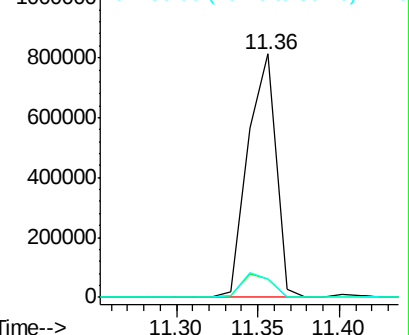
80 7.6 9.6 14.4#



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: 45.75 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

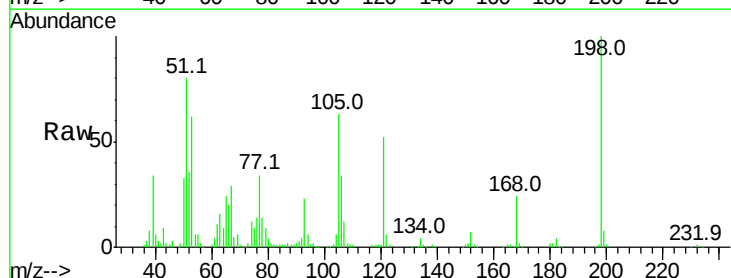
Tgt Ion:198 Resp: 271869

Ion Ratio Lower Upper

198 100

51 79.5 18.9 58.9#

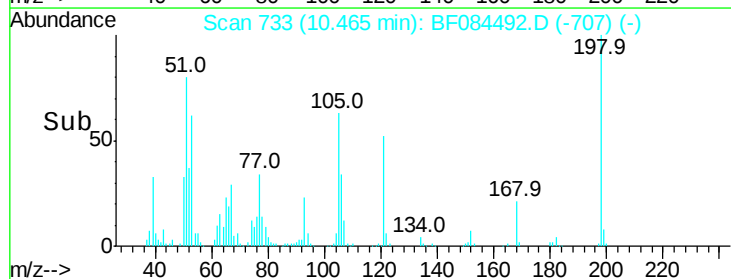
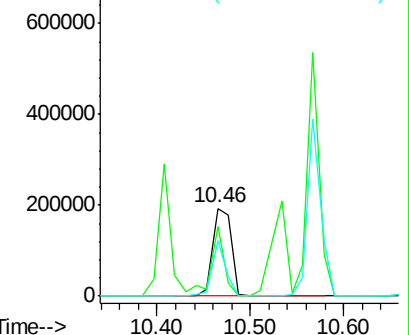
105 63.0 26.4 66.4

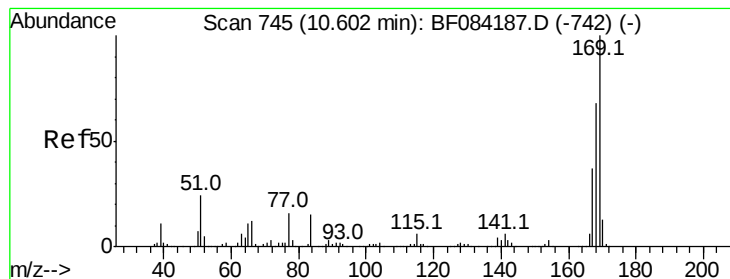


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.35 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

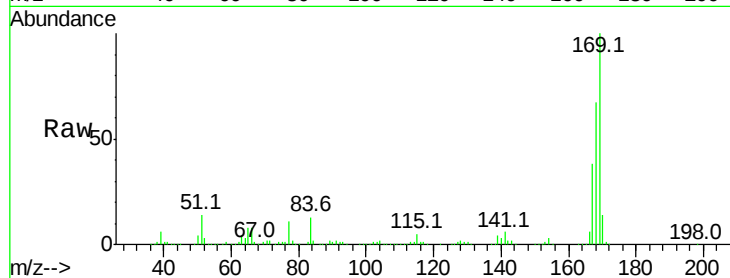
Tot Ion:169 Resp: 1323615

Ion Ratio Lower Upper

169 100

168 67.5 55.1 82.7

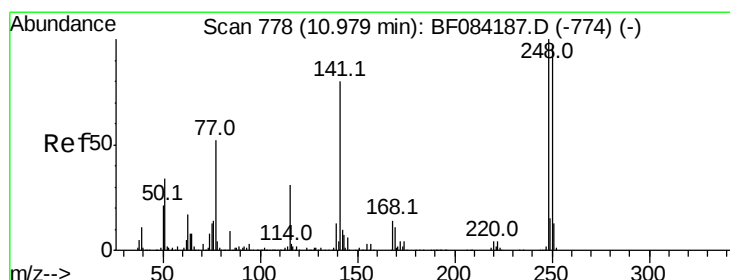
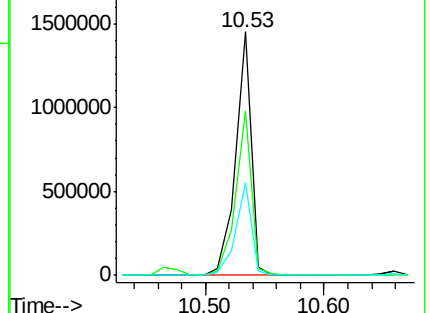
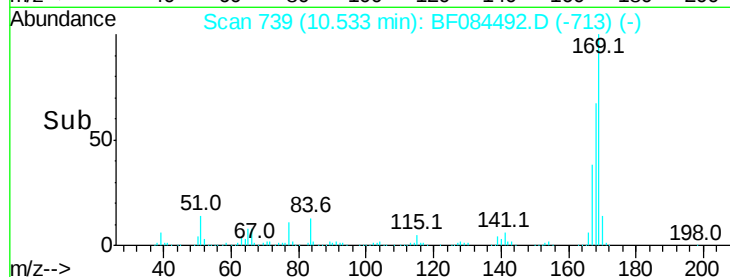
167 38.0 30.0 45.0



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: 41.91 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

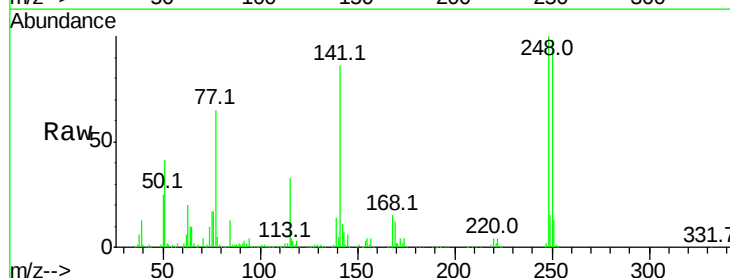
Tgt Ion:248 Resp: 440977

Ion Ratio Lower Upper

248 100

250 98.4 78.4 117.6

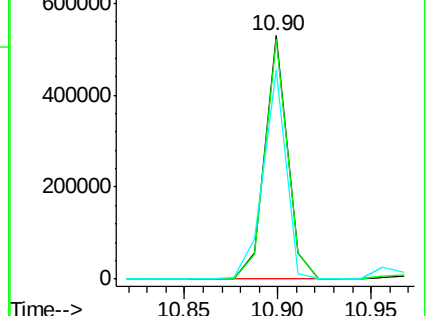
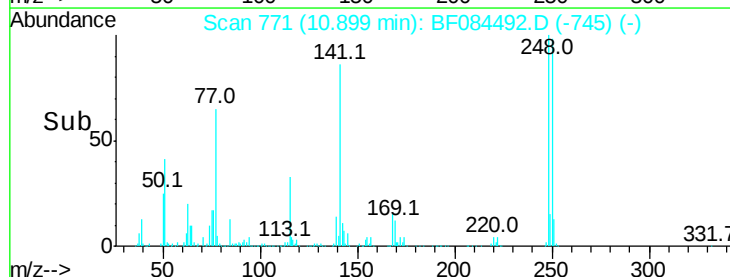
141 85.8 44.0 66.0#

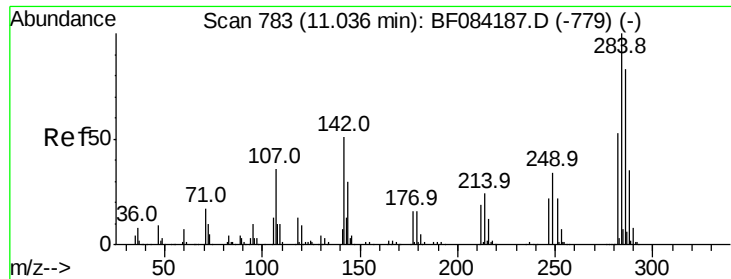


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.33 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

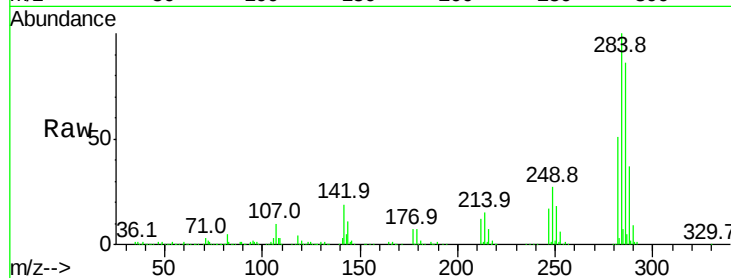
Tot Ion:284 Resp: 513124

Ion Ratio Lower Upper

284 100

142 19.2 22.2 33.4#

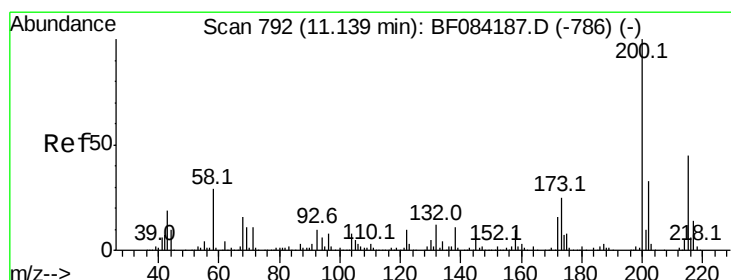
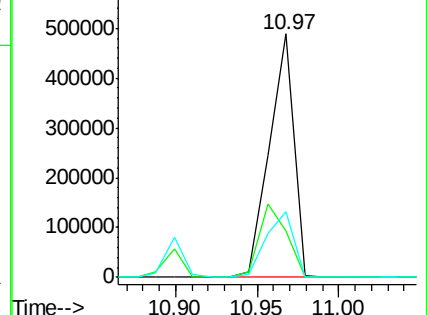
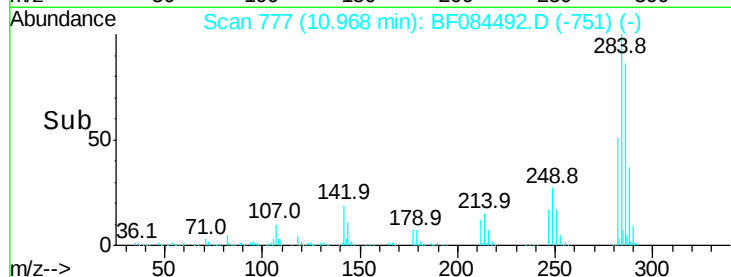
249 27.0 24.6 37.0



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: 33.35 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

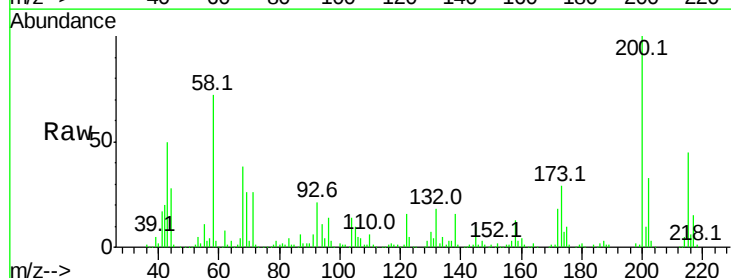
Tgt Ion:200 Resp: 341081

Ion Ratio Lower Upper

200 100

173 28.5 9.5 49.5

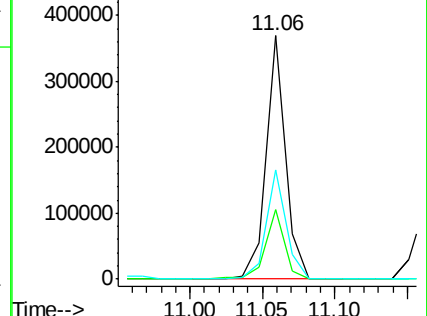
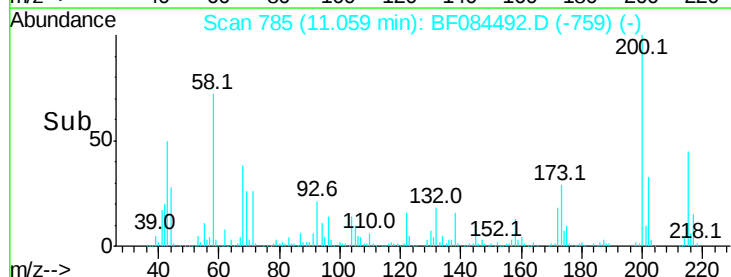
215 44.8 23.8 63.8

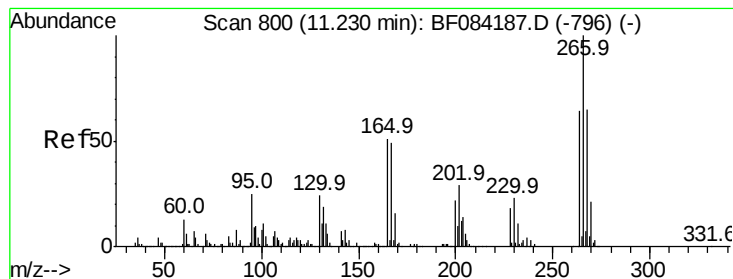


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 79.82 ng

RT: 11.16 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

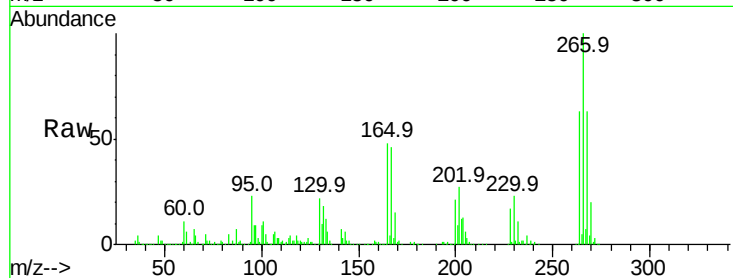
Tot Ion:266 Resp: 490097

Ion Ratio Lower Upper

266 100

268 63.4 52.4 78.6

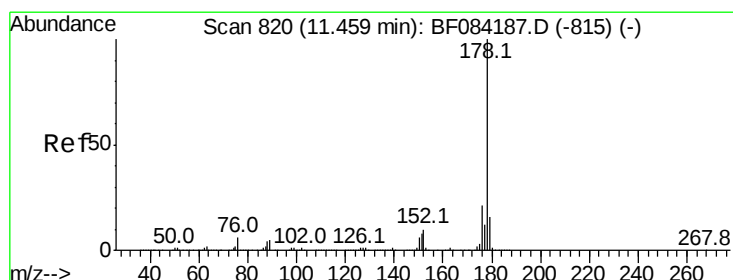
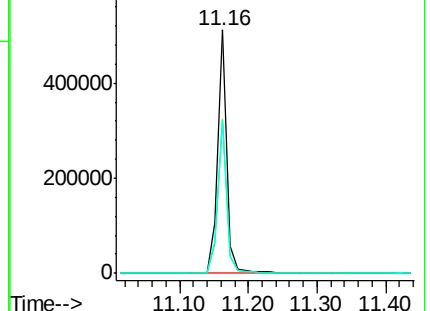
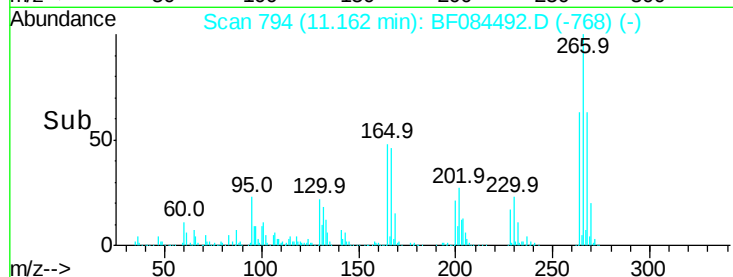
264 62.8 50.2 75.2



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



#70

Phenanthrene

Concen: 43.90 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

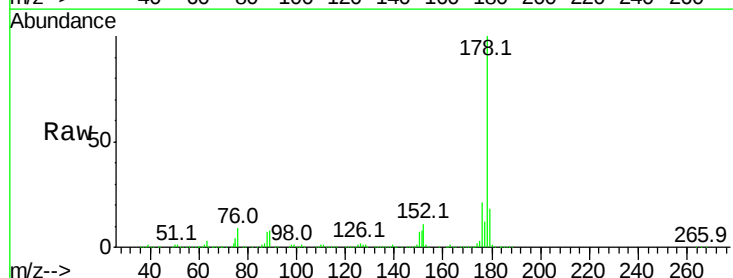
Tgt Ion:178 Resp: 2244462

Ion Ratio Lower Upper

178 100

176 21.3 15.3 22.9

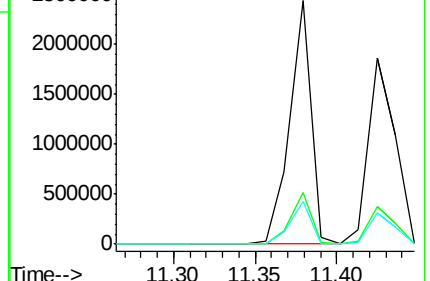
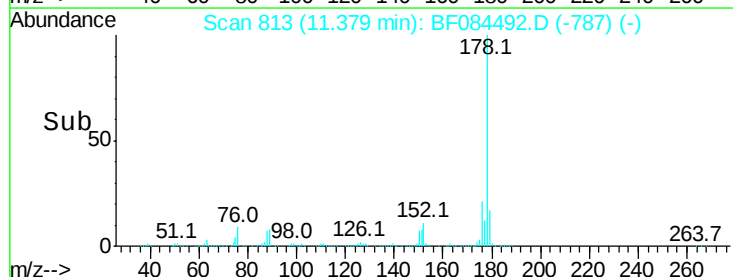
179 17.5 12.0 18.0

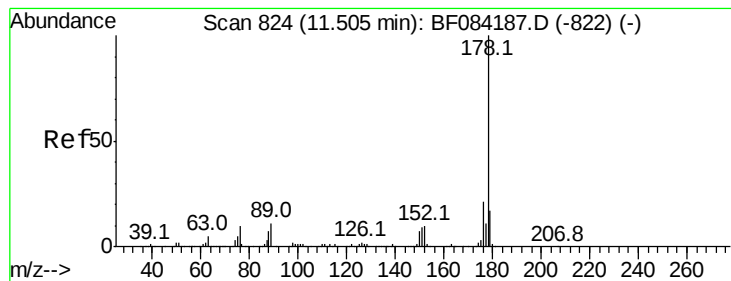


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 42.72 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

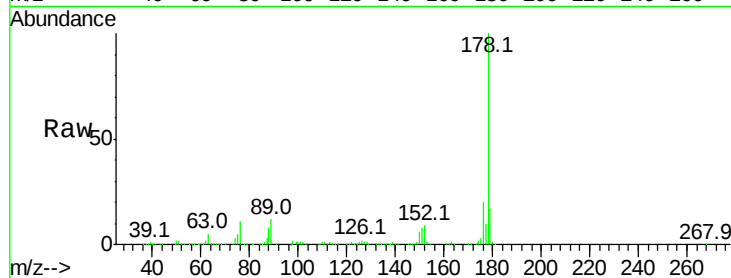
Tot Ion:178 Resp: 2140934

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.0

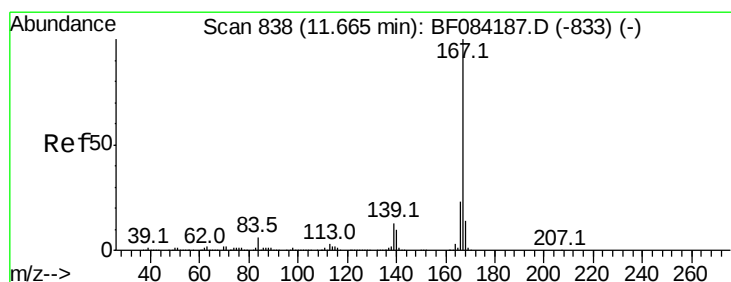
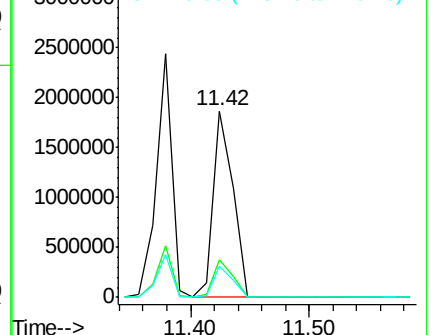
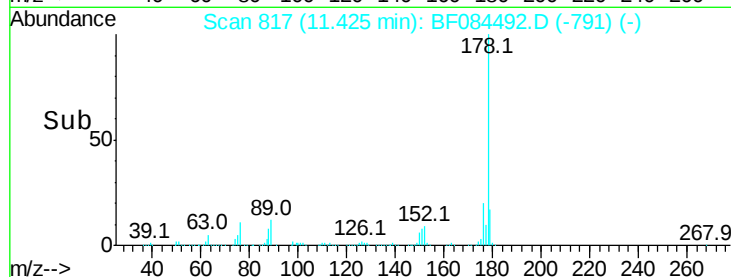
179 16.6 12.5 18.7



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: 37.41 ng

RT: 11.58 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

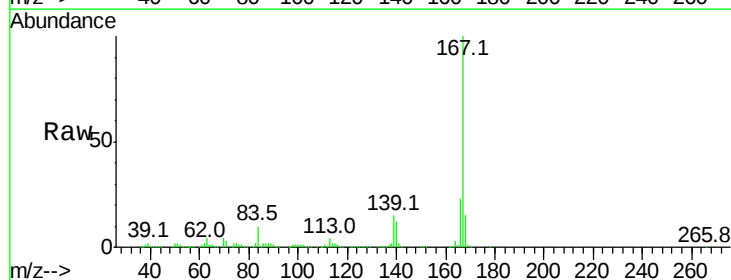
Tgt Ion:167 Resp: 1832948

Ion Ratio Lower Upper

167 100

166 23.1 17.6 26.4

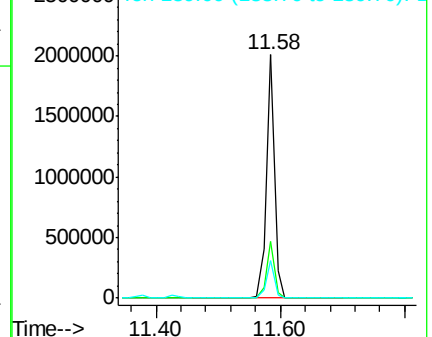
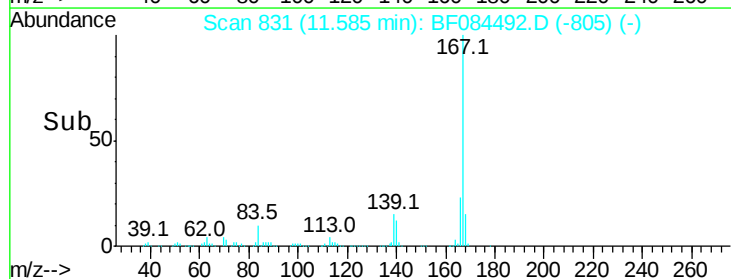
139 15.2 11.8 17.8

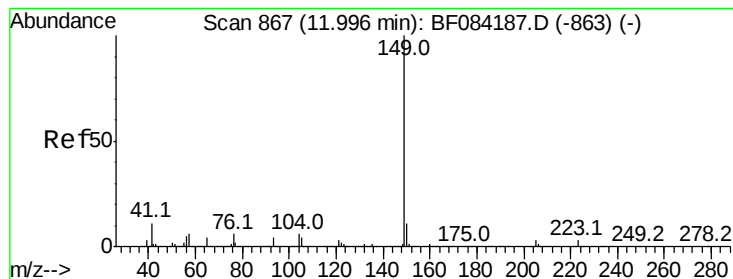


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.35 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

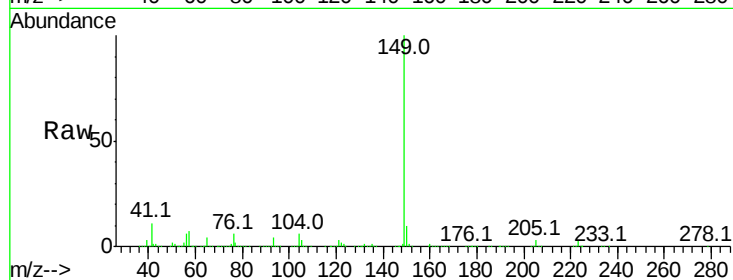
Tot Ion:149 Resp: 2357234

Ion Ratio Lower Upper

149 100

150 10.2 7.1 10.7

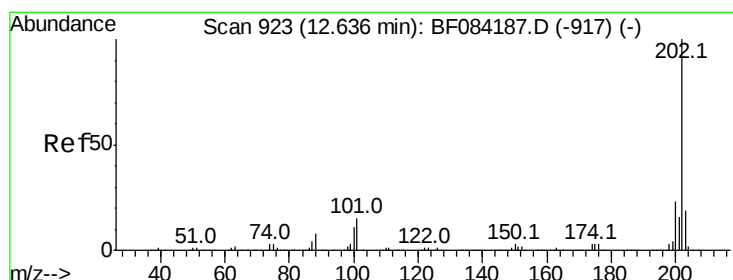
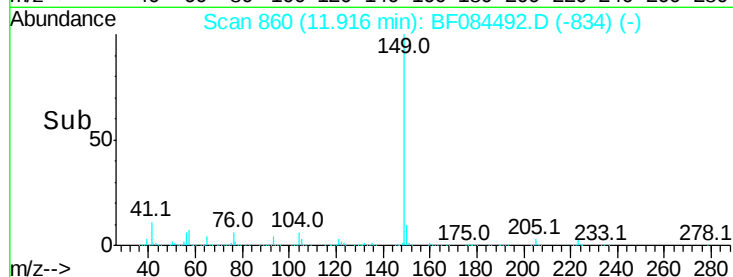
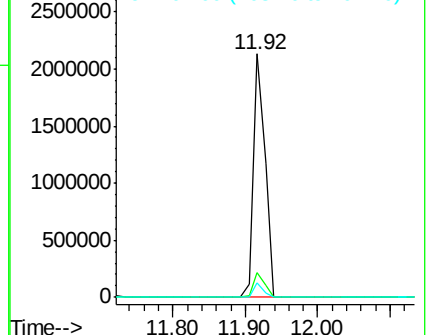
104 5.9 3.2 4.8#



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: 41.34 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

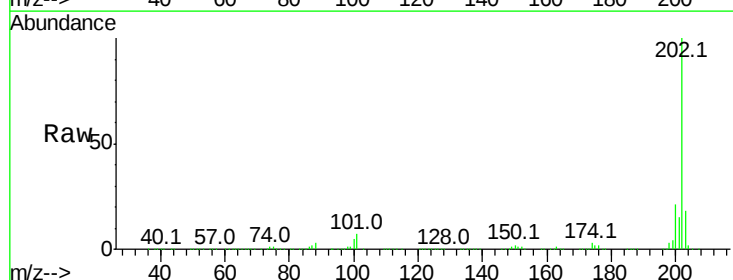
Tgt Ion:202 Resp: 2207819

Ion Ratio Lower Upper

202 100

101 7.2 0.0 32.8

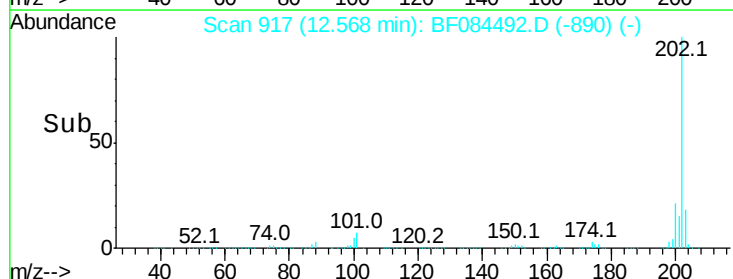
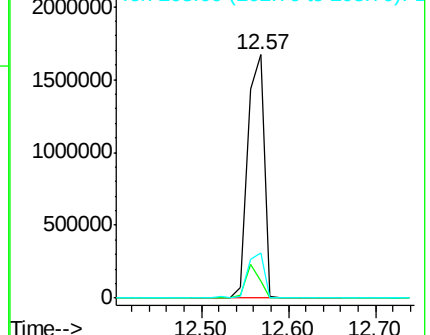
203 18.3 0.0 37.9

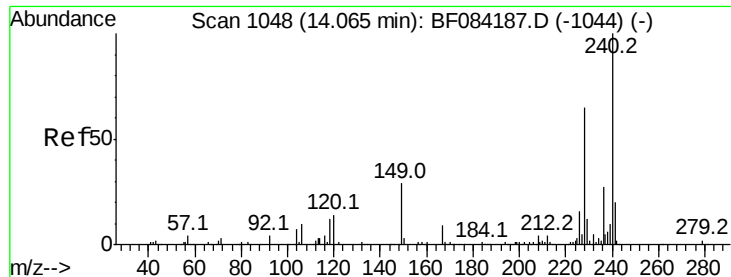


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

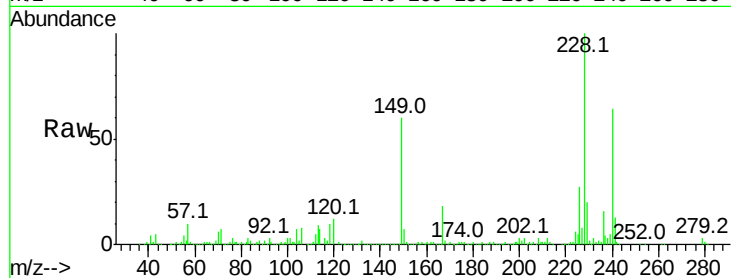
Tot Ion:240 Resp: 590160

Ion Ratio Lower Upper

240 100

120 18.0 9.5 14.3#

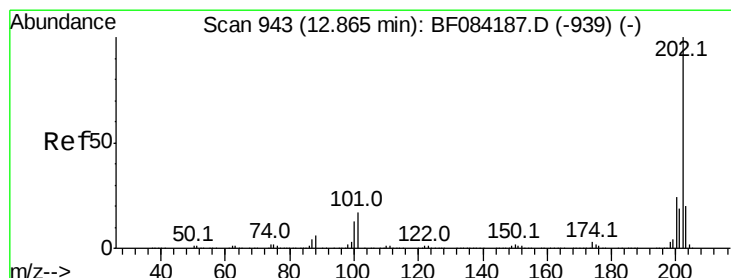
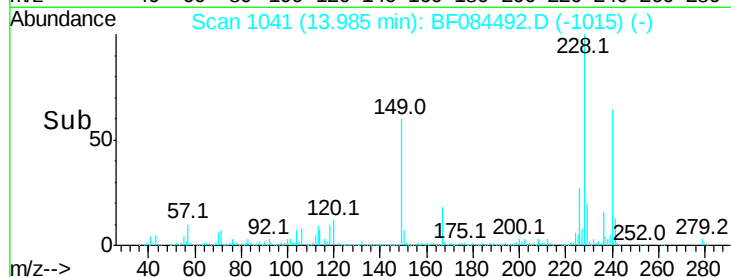
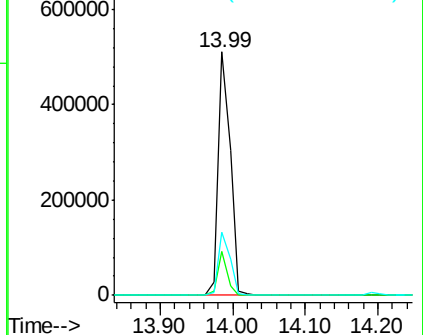
236 25.7 20.6 31.0



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



#77

Pyrene

Concen: 46.98 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

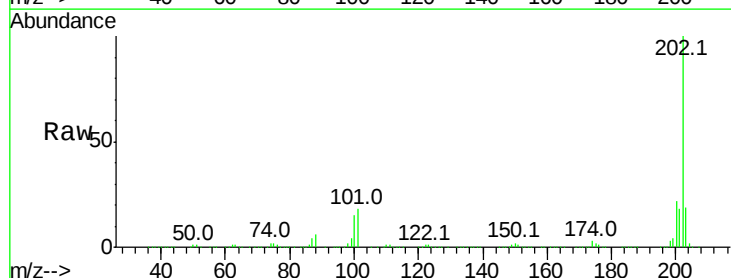
Tgt Ion:202 Resp: 2175517

Ion Ratio Lower Upper

202 100

200 21.9 17.2 25.8

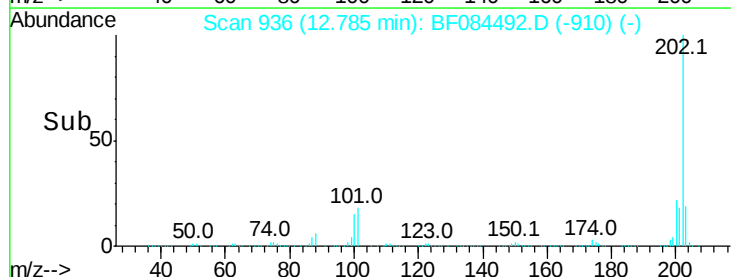
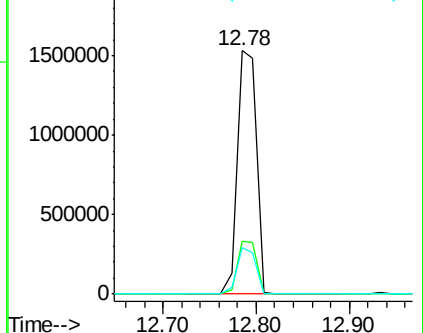
203 19.0 14.3 21.5

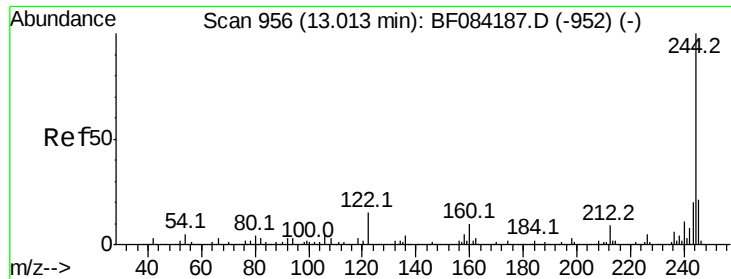


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



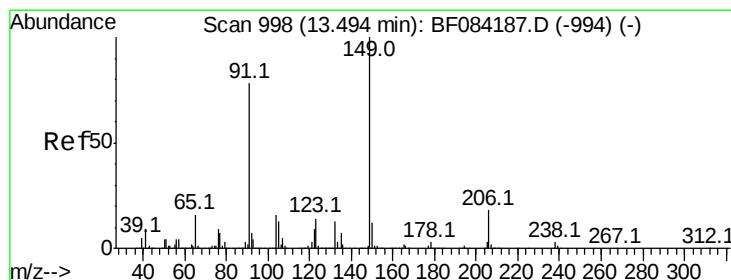
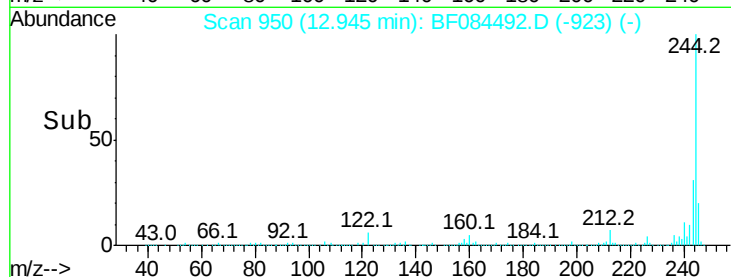
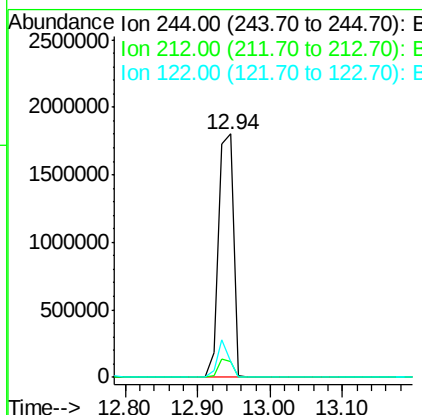
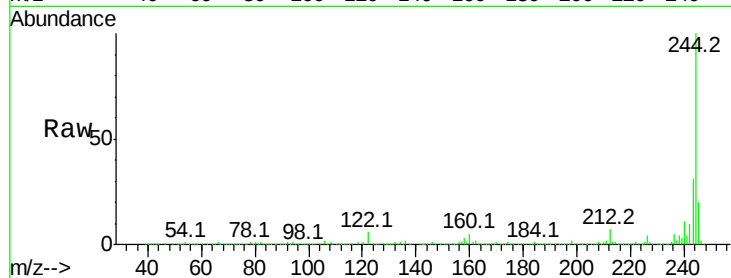


#78
 Terphenyl-d14
 Concen: 97.33 ng
 RT: 12.94 min Scan# 950
 Delta R.T. 0.01 min
 Lab File: BF084492.D
 Acq: 15 Jan 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2573393

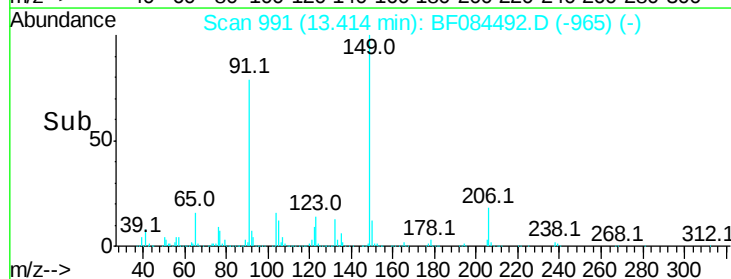
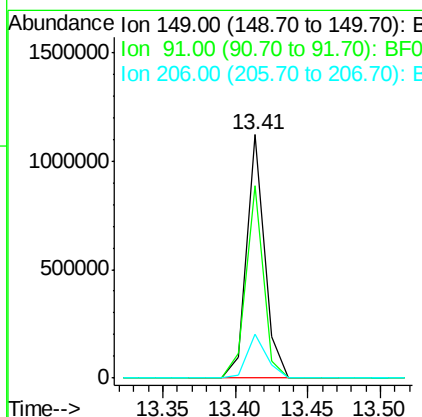
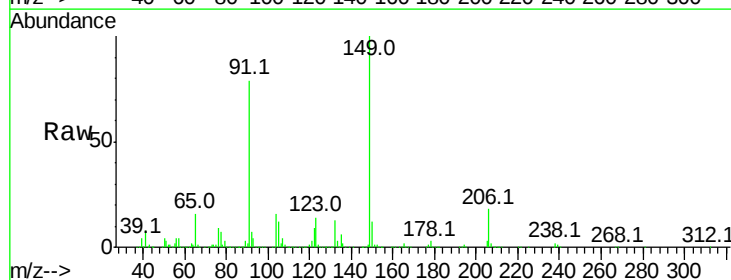
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	6.3	7.4	11.0

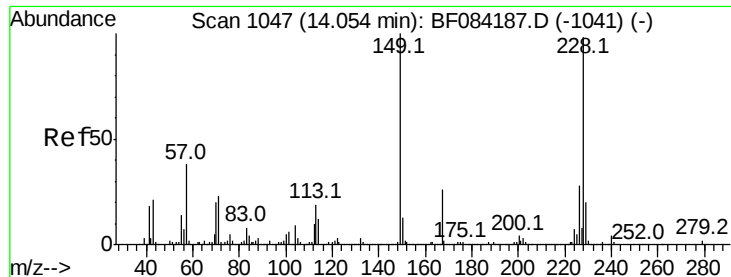


#79
 Butylbenzylphthalate
 Concen: 48.39 ng
 RT: 13.41 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF084492.D
 Acq: 15 Jan 2016 15:49

Tgt Ion:149 Resp: 969706

Ion	Ratio	Lower	Upper
149	100		
91	79.0	57.6	86.4
206	18.1	13.2	19.8



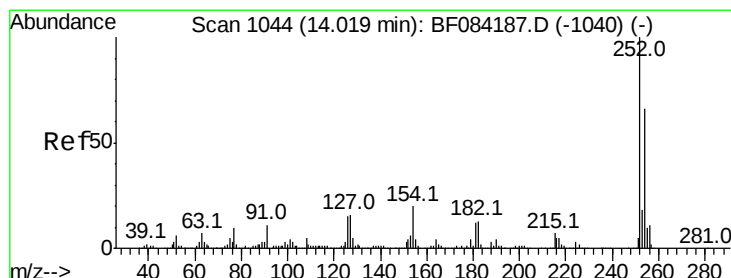
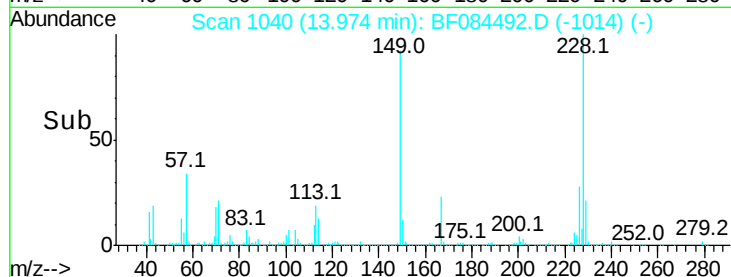
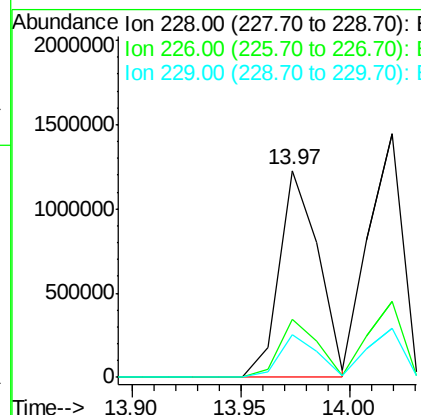
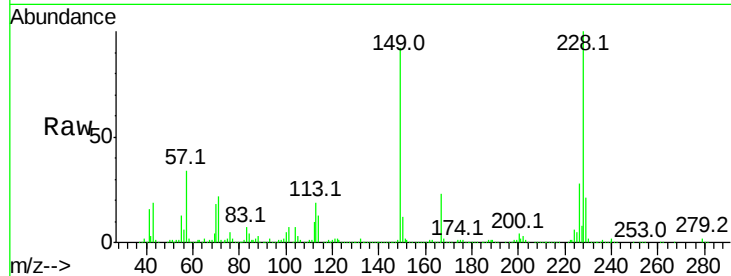


#80
 Benzo(a)anthracene
 Concen: 44.39 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF084492.D
 Acq: 15 Jan 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1538371

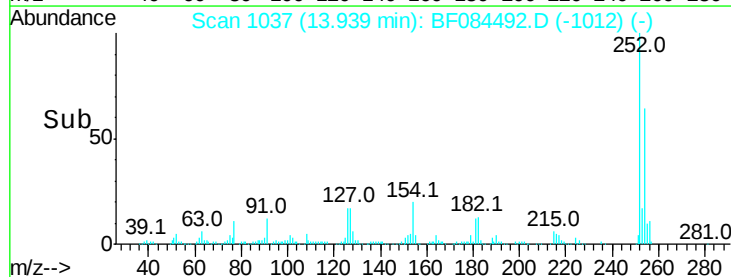
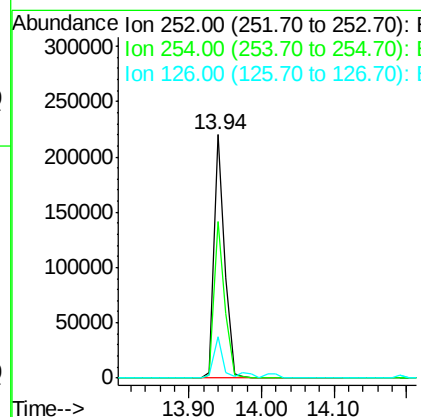
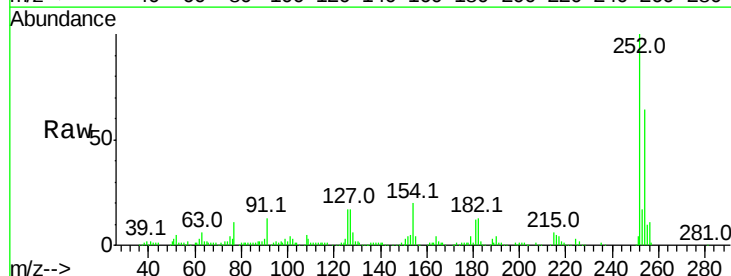
Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.8	32.6
229	20.8	15.8	23.8

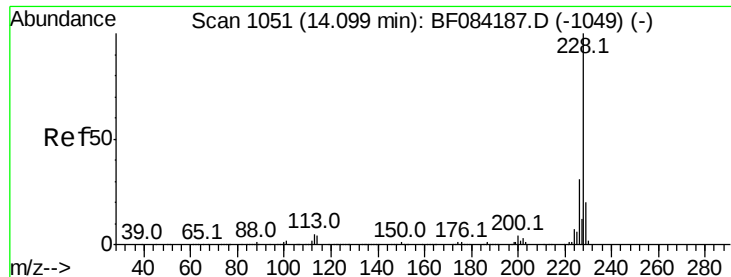


#81
 3,3'-Dichlorobenzidine
 Concen: 18.45 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF084492.D
 Acq: 15 Jan 2016 15:49

Tgt Ion:252 Resp: 223084

Ion	Ratio	Lower	Upper
252	100		
254	64.4	53.5	80.3
126	17.1	4.9	7.3

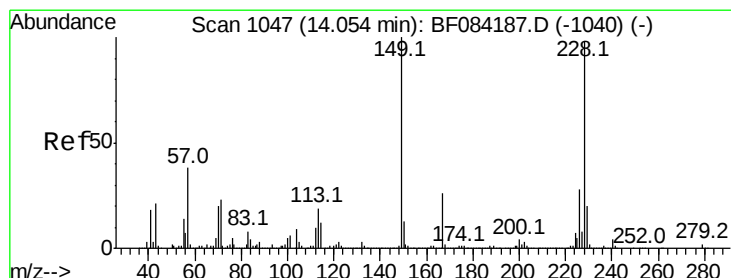
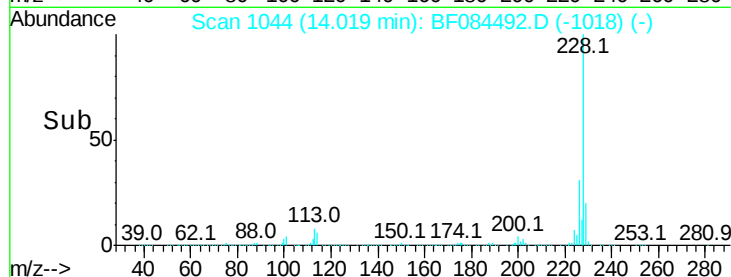
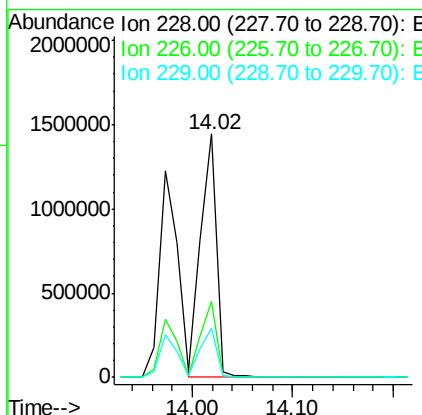
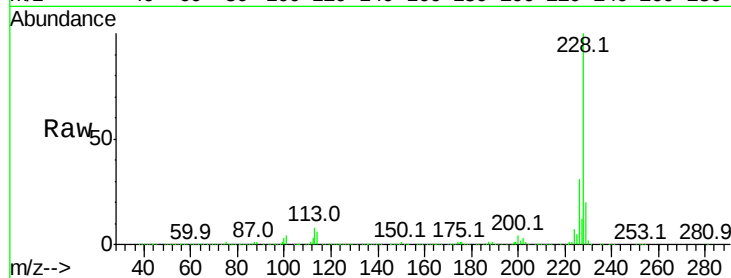




#82
Chrysene
Concen: 47.75 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

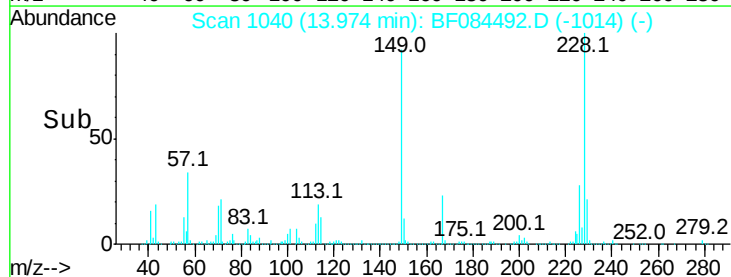
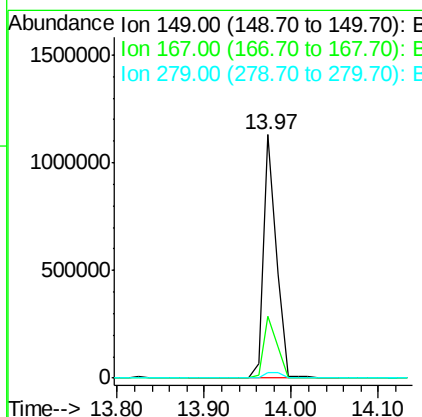
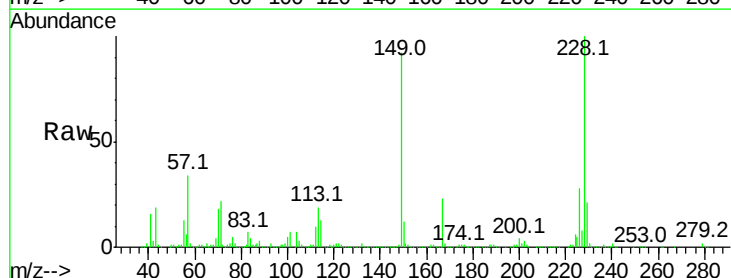
Instrument :
BNA_F
ClientSampleId :

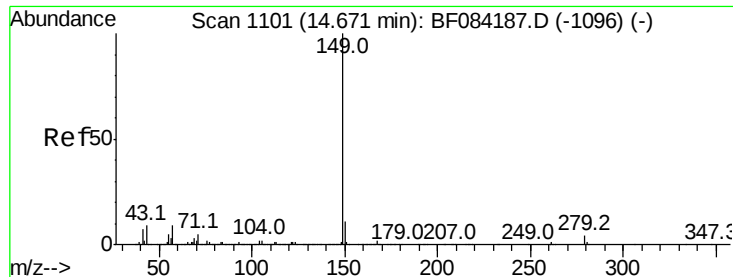
Tot Ion:228 Resp: 1590024
Ion Ratio Lower Upper
228 100
226 31.3 24.3 36.5
229 20.3 16.1 24.1



#83
Bis(2-ethylhexyl)phthalate
Concen: 45.88 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

Tgt Ion:149 Resp: 1161736
Ion Ratio Lower Upper
149 100
167 25.3 19.7 29.5
279 2.2 1.8 2.6

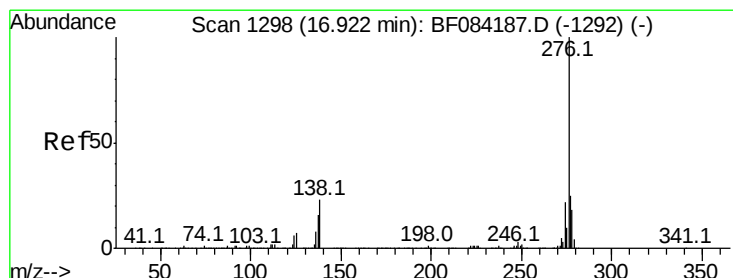
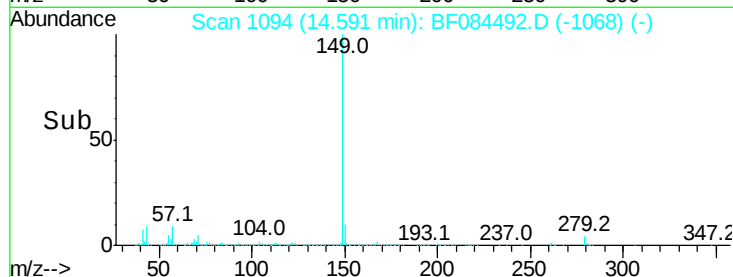
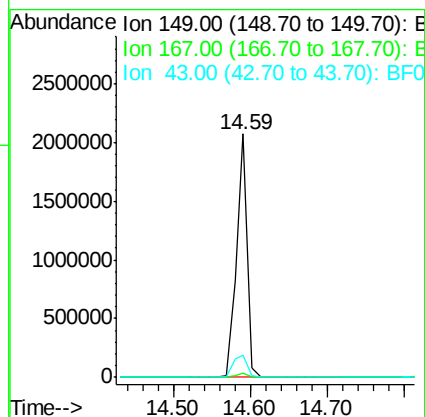
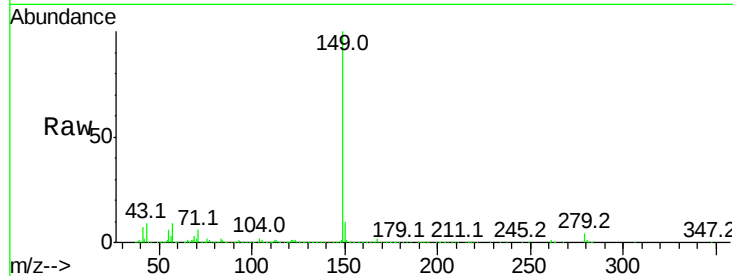




#84
Di-n-octyl phthalate
Concen: 48.09 ng
RT: 14.59 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

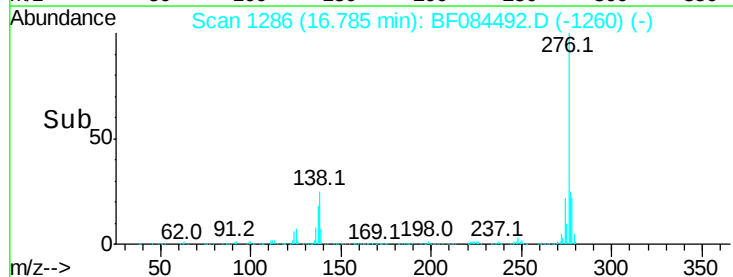
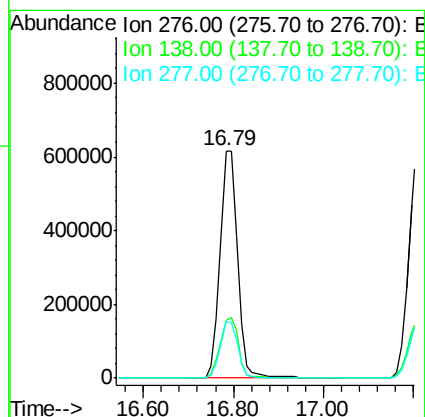
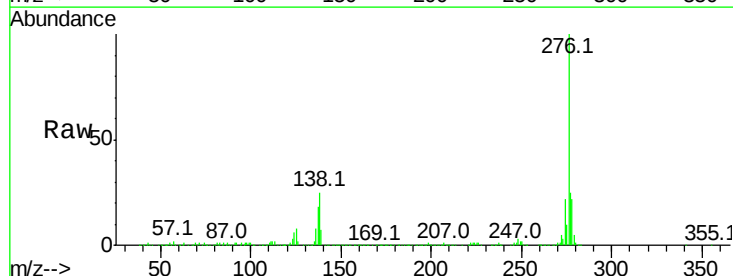
Instrument :
BNA_F
ClientSampleId :

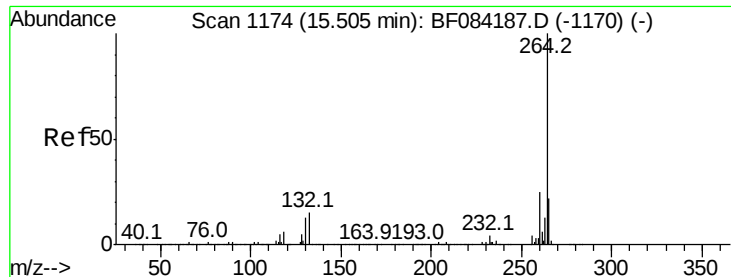
Tot Ion:149 Resp: 2055633
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.8 5.6 8.4#



#85
Indeno(1,2,3-cd)pyrene
Concen: 64.07 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

Tgt Ion:276 Resp: 1691041
Ion Ratio Lower Upper
276 100
138 27.5 20.6 30.8
277 25.2 20.1 30.1





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

Instrument :

BNA_F

ClientSampleId :

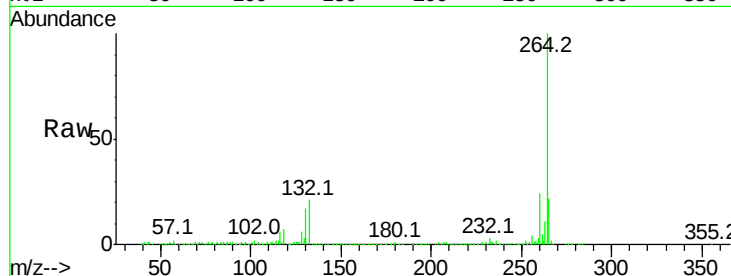
Tot Ion:264 Resp: 594700

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

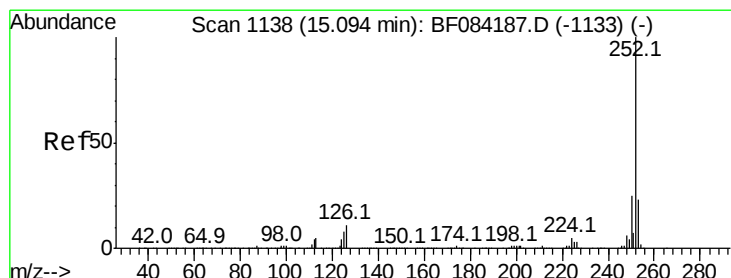
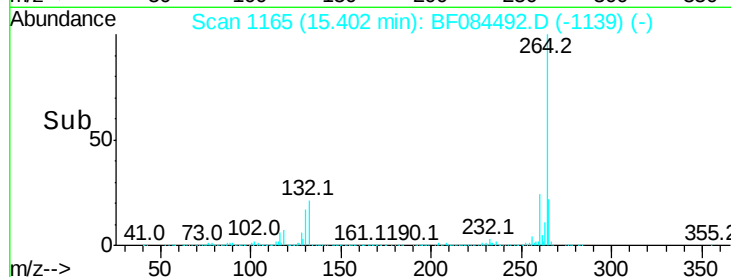
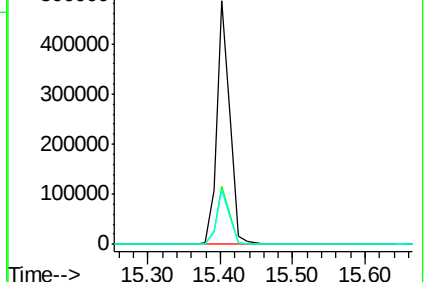
265 22.1 17.8 26.6



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: 38.03 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF084492.D

Acq: 15 Jan 2016 15:49

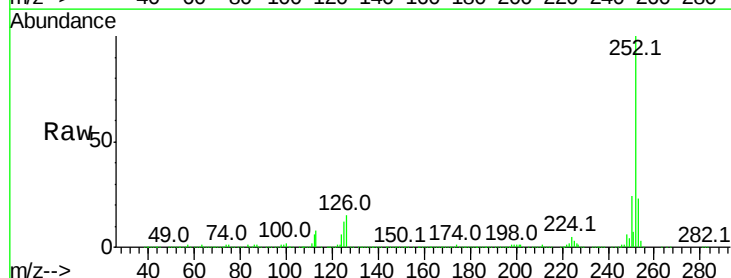
Tgt Ion:252 Resp: 1479605

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

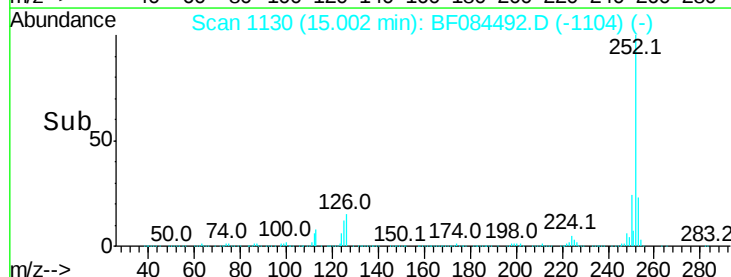
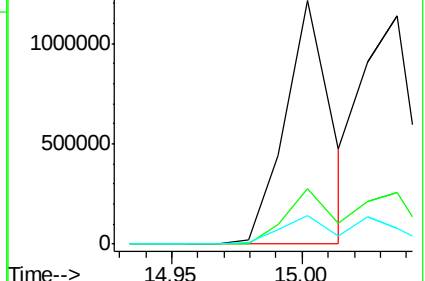
125 11.9 6.5 9.7#

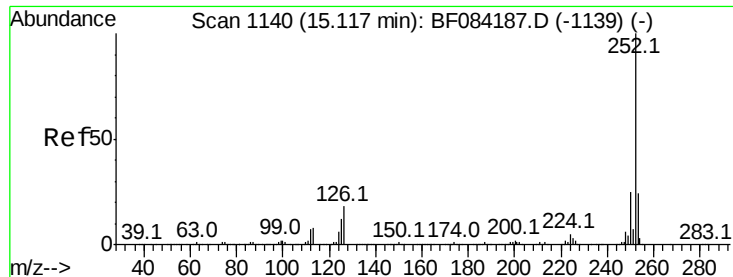


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

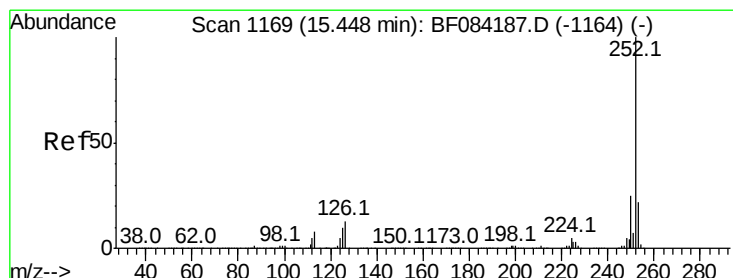
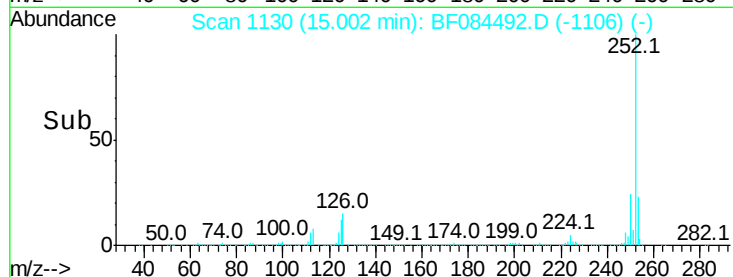
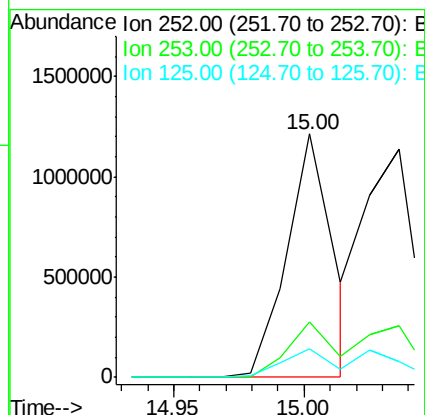
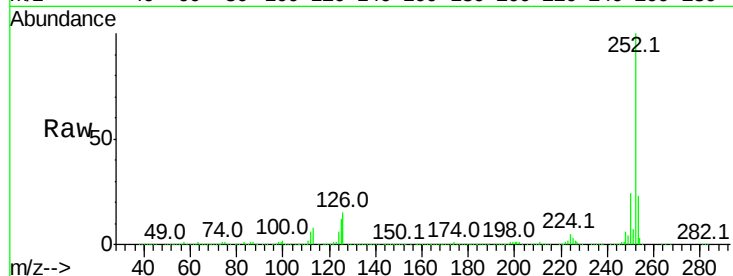




#88
Benzo(k)fluoranthene
Concen: 46.51 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.02 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

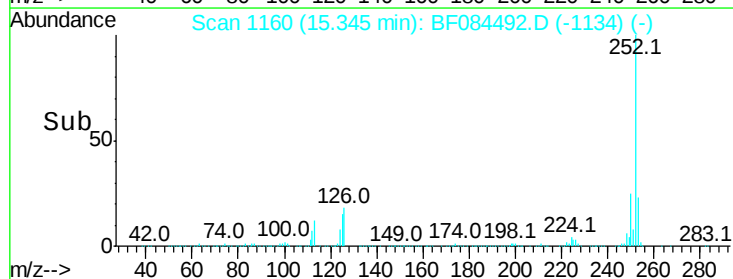
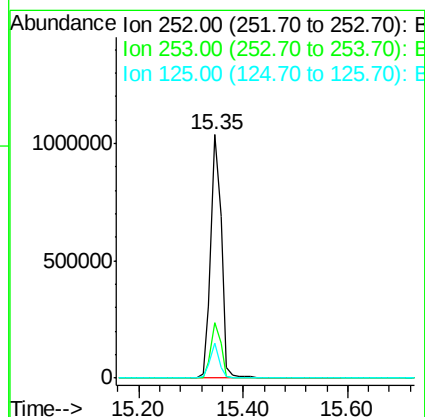
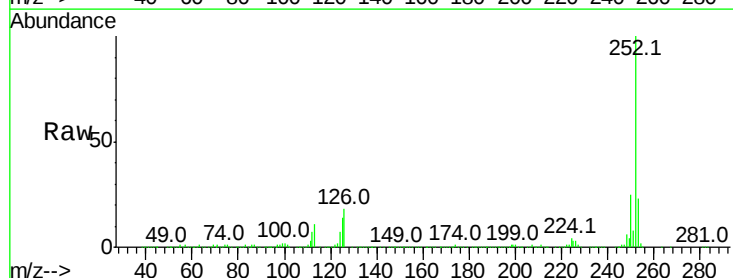
Instrument :
BNA_F
ClientSampleId :

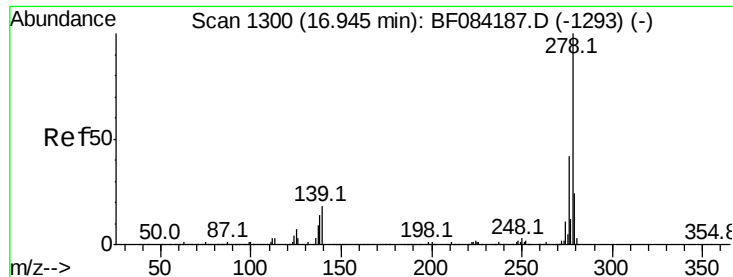
Tot Ion:252 Resp: 1479605
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 11.9 9.0 13.6



#89
Benzo(a)pyrene
Concen: 44.57 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

Tgt Ion:252 Resp: 1470765
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 14.4 7.0 10.4#

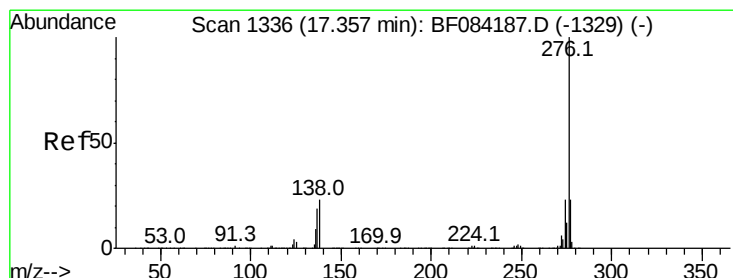
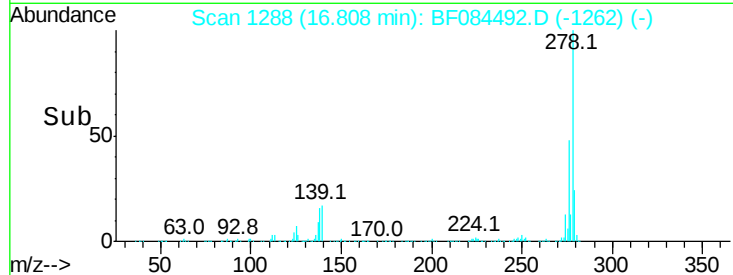
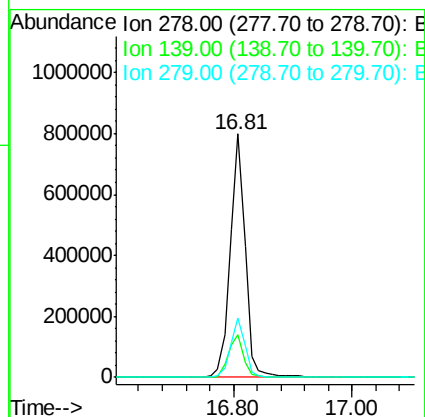
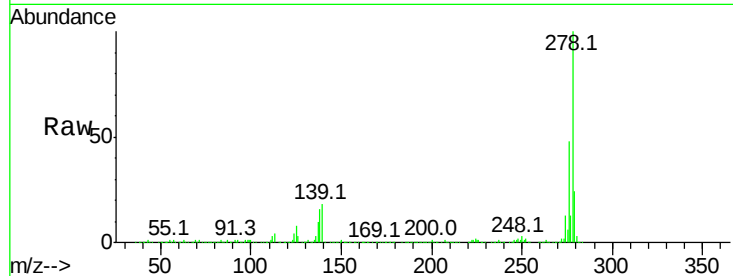




#90
Dibenzo(a,h)anthracene
Concen: 49.23 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 1397741
Ion Ratio Lower Upper
278 100
139 17.6 15.0 22.4
279 24.4 18.9 28.3



#91
Benzo(g,h,i)perylene
Concen: 48.41 ng
RT: 17.21 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF084492.D
Acq: 15 Jan 2016 15:49

Tgt Ion:276 Resp: 1423550
Ion Ratio Lower Upper
276 100
277 24.5 18.8 28.2
138 24.6 17.8 26.6

