

Data Path : U:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084507.D
 Acq On : 15 Jan 2016 22:50
 Operator : SJ/UM
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 01:38:21 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	294882	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1194418	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	574539	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	962032	20.00	ng	0.00
75) Chrysene-d12	13.99	240	620033	20.00	ng	0.00
86) Perylene-d12	15.40	264	645403	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1411292	77.41	ng	0.00
7) Phenol-d6	6.48	99	1861202	81.29	ng	0.01
23) Nitrobenzene-d5	7.39	82	1578591	73.56	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	411212	70.89	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	2663431	81.27	ng	0.00
78) Terphenyl-d14	12.93	244	2147426	77.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	351284	40.68	ng	# 78
3) Pyridine	3.10	79	973014	40.41	ng	# 80
4) n-Nitrosodimethylamine	3.06	42	437051	35.36	ng	# 93
6) Aniline	6.49	93	1157057	34.54	ng	# 70
8) 2-Chlorophenol	6.61	128	873231	42.22	ng	98
9) Benzaldehyde	6.37	77	545267	36.57	ng	88
10) Phenol	6.49	94	1088861	41.83	ng	76
11) bis(2-Chloroethyl)ether	6.57	93	863133	42.80	ng	92
12) 1,3-Dichlorobenzene	6.76	146	859526	40.28	ng	# 95
13) 1,4-Dichlorobenzene	6.84	146	880909	41.17	ng	95
14) 1,2-Dichlorobenzene	6.84	146	880909	42.99	ng	98
15) Benzyl Alcohol	6.97	79	679747	35.29	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1308933	35.64	ng	88
17) 2-Methylphenol	7.09	107	677524	39.08	ng	96
18) Hexachloroethane	7.33	117	326968	38.21	ng	# 90
19) n-Nitroso-di-n-propylamine	7.24	70	564165	36.40	ng	# 72
20) 3+4-Methylphenols	7.25	107	808593	39.68	ng	87
22) Acetophenone	7.24	105	1129554	39.33	ng	# 95
24) Nitrobenzene	7.41	77	906205	41.63	ng	100
25) Isophorone	7.65	82	1544126	37.62	ng	99
26) 2-Nitrophenol	7.73	139	455596	45.99	ng	92
27) 2,4-Dimethylphenol	7.78	122	809408	40.37	ng	90
28) bis(2-Chloroethoxy)methane	7.87	93	1046644	41.75	ng	97
29) 2,4-Dichlorophenol	7.97	162	632687	37.88	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	696895	40.41	ng	97
31) Naphthalene	8.13	128	2091847	38.60	ng	98
32) Benzoic acid	7.90	122	441342	36.01	ng	92
33) 4-Chloroaniline	8.19	127	1042414	41.96	ng	# 91
34) Hexachlorobutadiene	8.25	225	390614	39.41	ng	98
35) Caprolactam	8.57	113	225428	40.03	ng	# 53
36) 4-Chloro-3-methylphenol	8.68	107	769524	41.13	ng	95
37) 2-Methylnaphthalene	8.83	142	1511240	38.85	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	623312	37.74	ng	99
40) Hexachlorocyclopentadiene	8.98	237	227582	22.82	ng	97

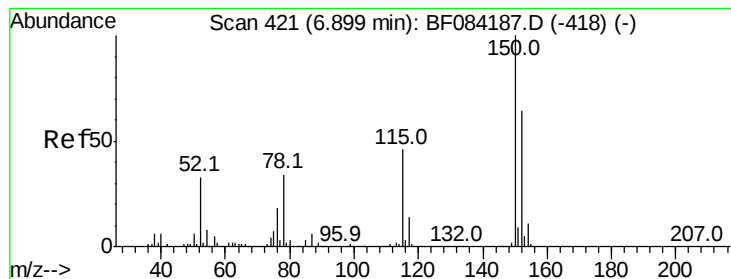
Data Path : U:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084507.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	427928	34.63	nq	97
43) 2,4,5-Trichlorophenol	9.15	196	445308	37.59	nq	# 87
45) 1,1'-Biphenyl	9.29	154	1716946	37.60	nq	98
46) 2-Chloronaphthalene	9.31	162	1351302	37.68	nq	97
47) 2-Nitroaniline	9.41	65	428201	36.17	nq	97
48) Acenaphthylene	9.73	152	2106278	39.75	nq	96
49) Dimethylphthalate	9.60	163	1472911	35.86	nq	# 90
50) 2,6-Dinitrotoluene	9.66	165	359667	39.93	nq	# 82
51) Acenaphthene	9.90	154	1406800	39.58	nq	98
52) 3-Nitroaniline	9.82	138	383692	34.37	nq	94
53) 2,4-Dinitrophenol	9.93	184	124468	34.55	nq	# 78
54) Dibenzofuran	10.08	168	1841825	39.66	nq	95
55) 4-Nitrophenol	10.00	139	267107	32.96	nq	# 77
56) 2,4-Dinitrotoluene	10.06	165	497027	43.59	nq	# 81
57) Fluorene	10.42	166	1454351	40.62	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	353198	34.92	nq	88
59) Diethylphthalate	10.29	149	1449275	35.79	nq	99
60) 4-Chlorophenyl-phenylether	10.41	204	591962	38.22	nq	93
61) 4-Nitroaniline	10.44	138	391321	39.33	nq	87
62) Azobenzene	10.57	77	1600398	36.03	nq	89
64) 4,6-Dinitro-2-methylphenol	10.46	198	176574	30.52	nq	# 64
65) n-Nitrosodiphenylamine	10.53	169	1300762	42.29	nq	98
66) 4-Bromophenyl-phenylether	10.90	248	411065	39.70	nq	# 83
67) Hexachlorobenzene	10.97	284	476783	40.91	nq	# 87
68) Atrazine	11.06	200	362191	35.98	nq	99
69) Pentachlorophenol	11.16	266	217589	36.01	nq	97
70) Phenanthrene	11.38	178	2143514	42.60	nq	96
71) Anthracene	11.42	178	1905047	38.62	nq	97
72) Carbazole	11.58	167	1686310	34.97	nq	97
73) Di-n-butylphthalate	11.92	149	2120580	40.24	nq	# 95
74) Fluoranthene	12.56	202	1931911	36.75	nq	96
76) Benzidine	12.68	184	797558	35.88	nq	99
77) Pyrene	12.79	202	1915650	39.37	nq	98
79) Butylbenzylphthalate	13.41	149	849472	40.35	nq	91
80) Benzo(a)anthracene	13.97	228	1391693	38.23	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	589412	46.39	nq	98
82) Chrysene	14.02	228	1445181	41.31	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	1020294	38.36	nq	97
84) Di-n-octyl phthalate	14.59	149	1884690	41.97	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.79	276	1503437	54.21	nq	98
87) Benzo(b)fluoranthene	15.00	252	2871692	68.02	nq	# 96
88) Benzo(k)fluoranthene	15.00	252	2873174	83.21	nq	99
89) Benzo(a)pyrene	15.35	252	1401710	39.14	nq	# 94
90) Dibenzo(a,h)anthracene	16.81	278	1256276	40.77	nq	96
91) Benzo(g,h,i)perylene	17.21	276	1214741	38.07	nq	99

(#) = 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: BF084507.D

Acq: 15 Jan 2016 22:50

Instrument :

BNA_F

ClientSampled :

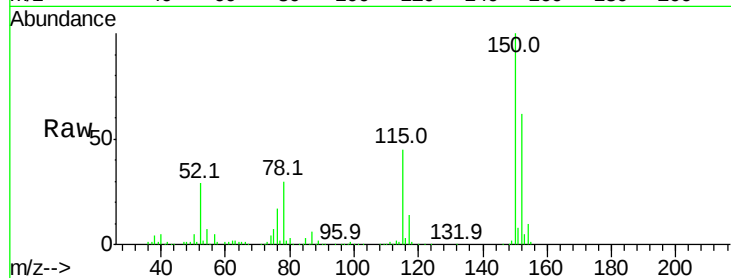
Tot Ion:152 Resp: 294882

Ion Ratio Lower Upper

152 100

150 160.7 123.0 184.4

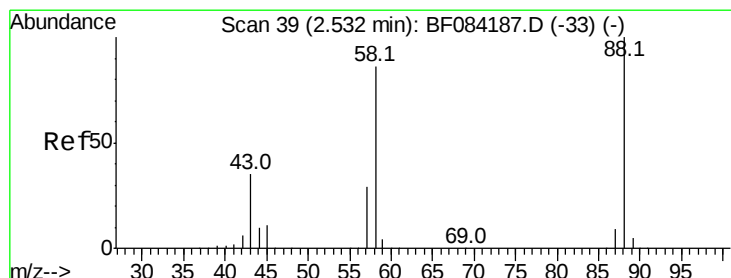
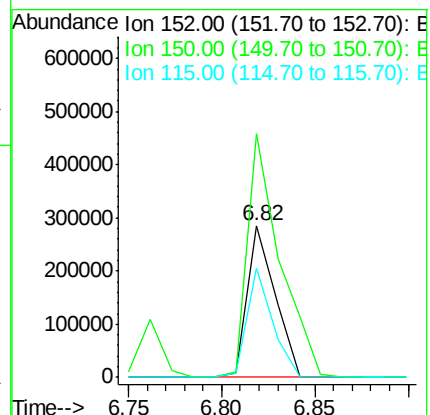
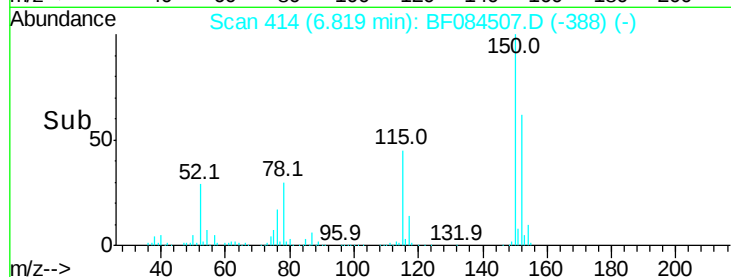
115 72.0 51.4 77.2



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: 40.68 ng

RT: 2.38 min Scan# 26

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

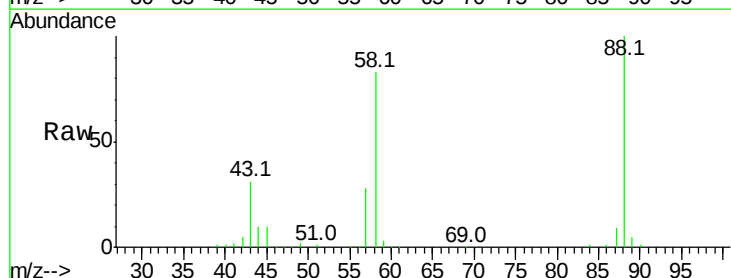
Tgt Ion: 88 Resp: 351284

Ion Ratio Lower Upper

88 100

58 83.6 51.2 76.8#

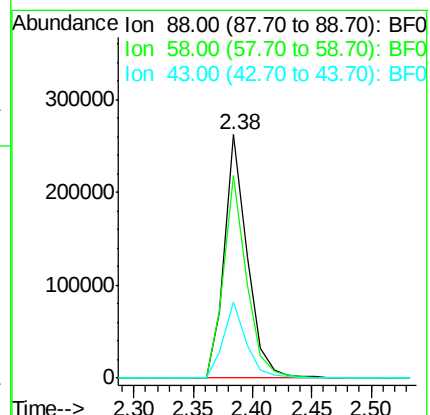
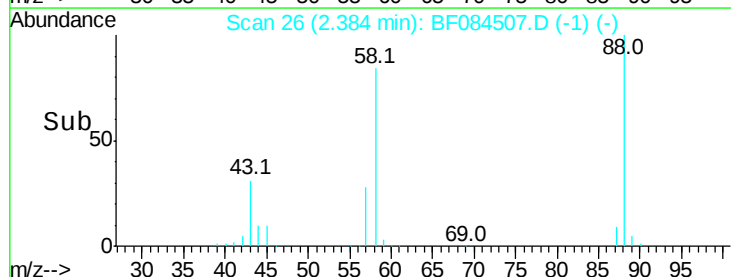
43 31.6 19.5 29.3#

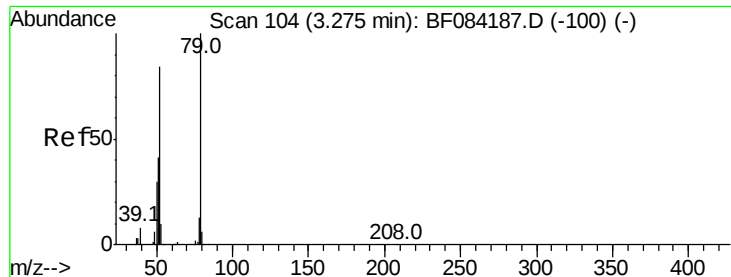


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.41 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

Instrument :

BNA_F

ClientSampleId :

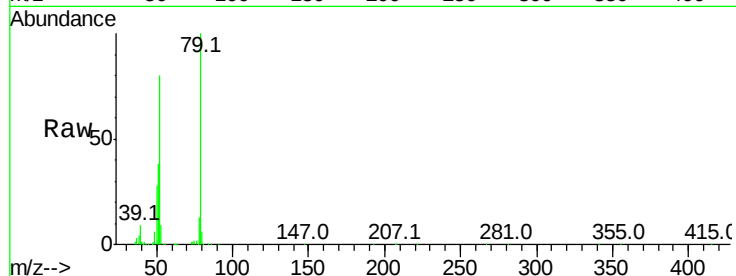
Tot Ion: 79 Resp: 973014

Ion Ratio Lower Upper

79 100

52 79.8 49.0 73.4#

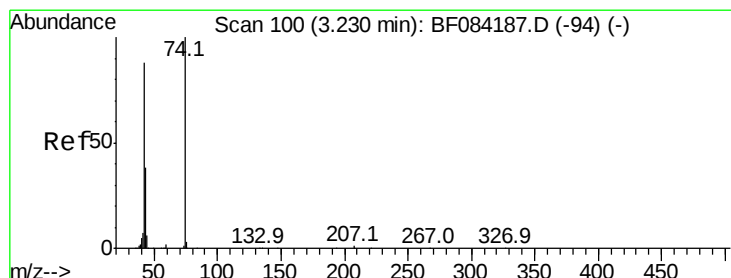
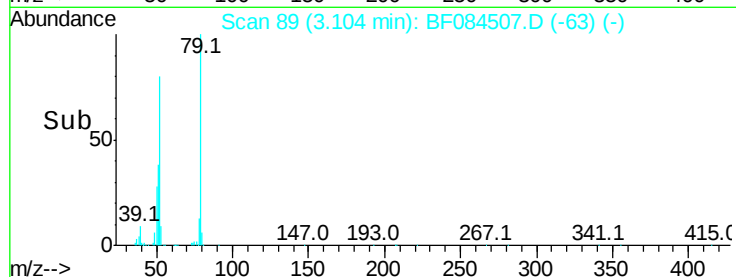
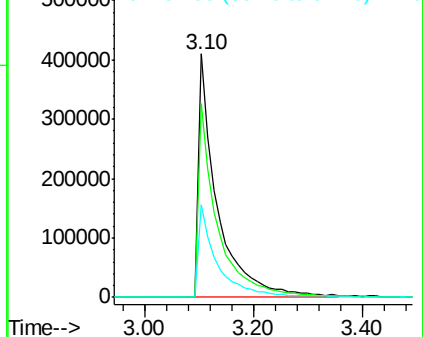
51 38.0 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.36 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

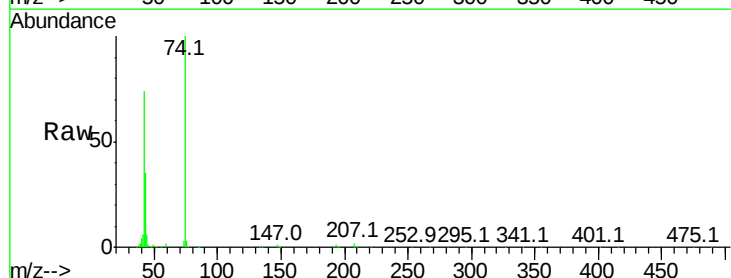
Tgt Ion: 42 Resp: 437051

Ion Ratio Lower Upper

42 100

74 135.6 115.7 173.5

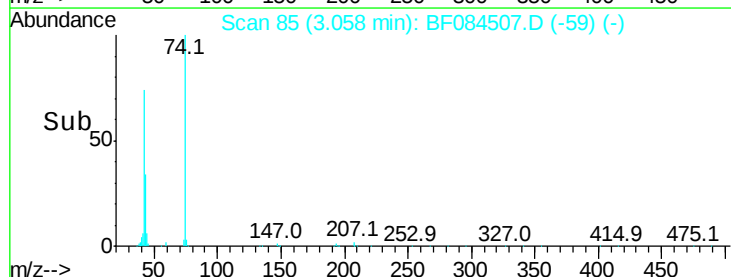
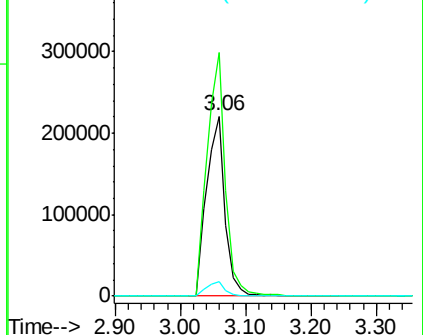
44 8.1 5.1 7.7#

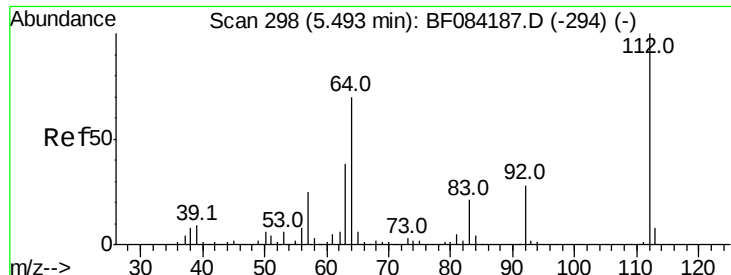


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

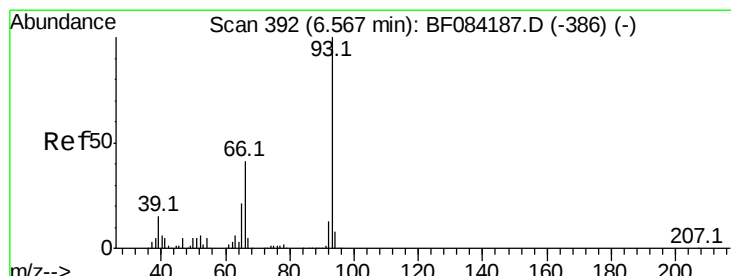
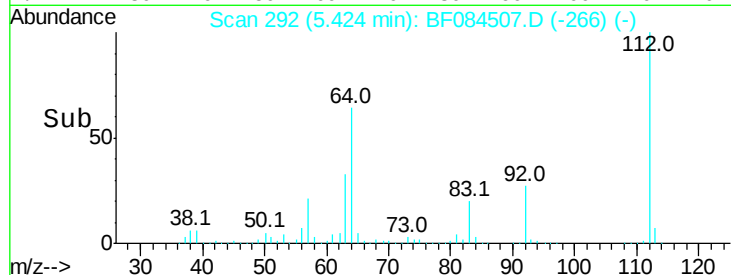
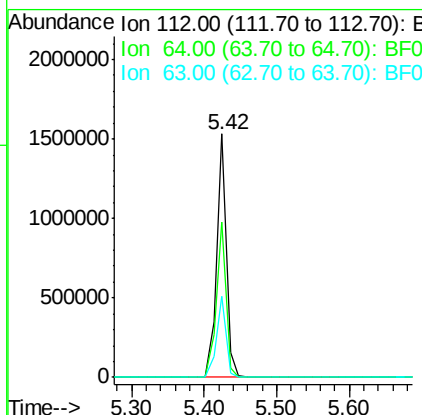
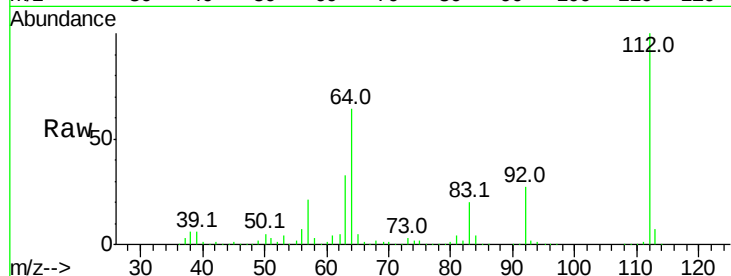




#5
 2-Fluorophenol
 Concen: 77.41 ng
 RT: 5.42 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: BF084507.D
 Acq: 15 Jan 2016 22:50

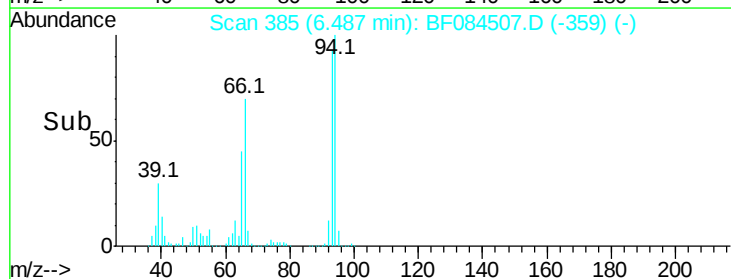
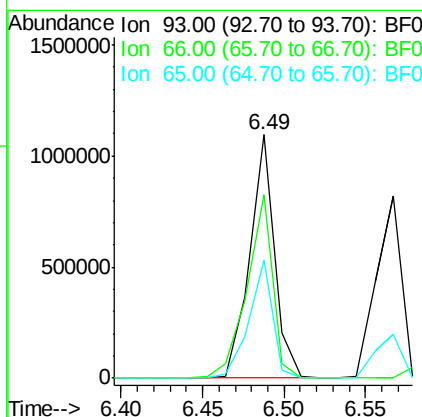
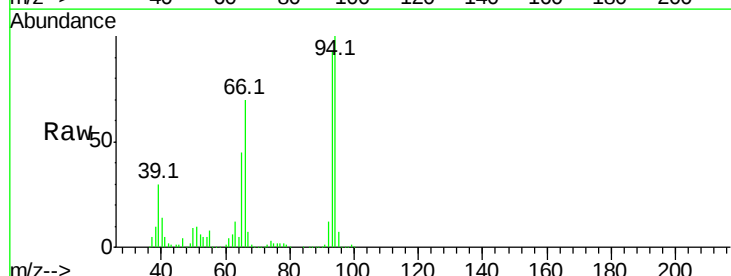
Instrument :
 BNA_F
 ClientSampleId :

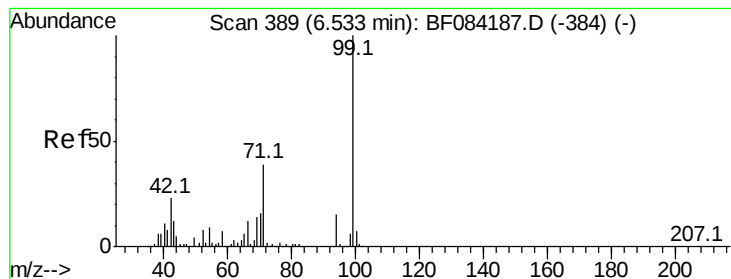
Tot Ion:112 Resp: 1411292
 Ion Ratio Lower Upper
 112 100
 64 64.0 36.6 55.0#
 63 33.2 19.4 29.0#



#6
 Aniline
 Concen: 34.54 ng
 RT: 6.49 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: BF084507.D
 Acq: 15 Jan 2016 22:50

Tgt Ion: 93 Resp: 1157057
 Ion Ratio Lower Upper
 93 100
 66 75.4 44.9 67.3#
 65 48.7 23.7 35.5#





#7

Phenol-d6

Concen: 81.29 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

Instrument :

BNA_F

ClientSampleId :

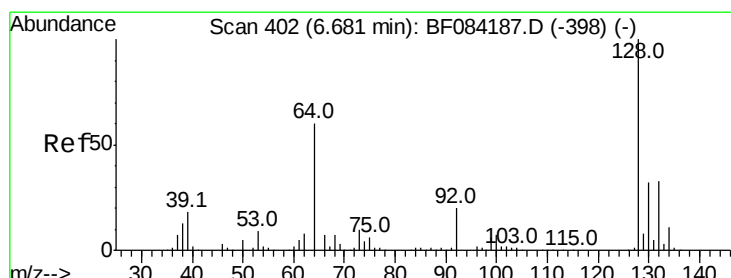
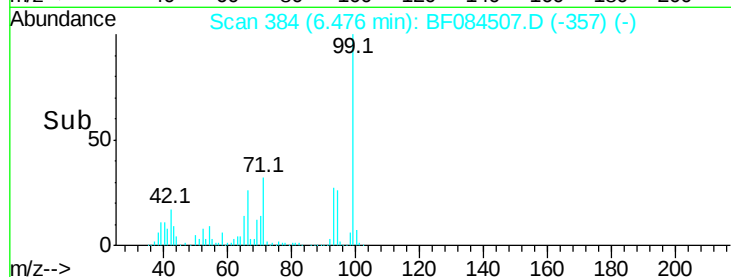
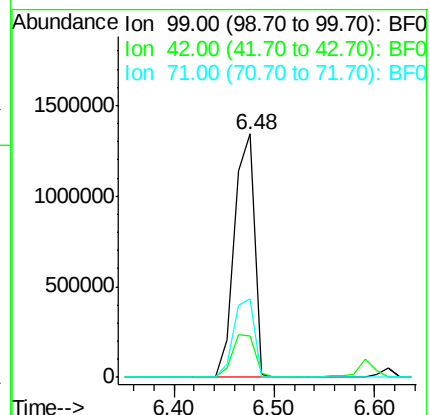
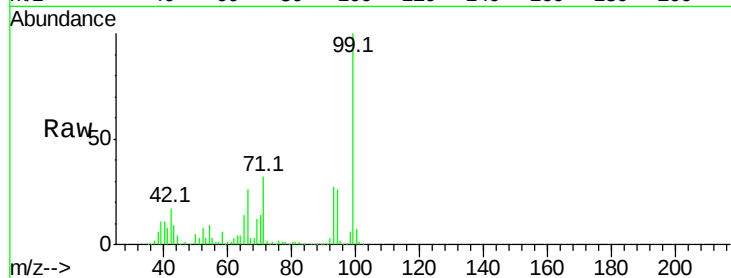
Tot Ion: 99 Resp: 1861202

Ion Ratio Lower Upper

99 100

42 17.2 12.8 19.2

71 32.4 30.9 46.3



#8

2-Chlorophenol

Concen: 42.22 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

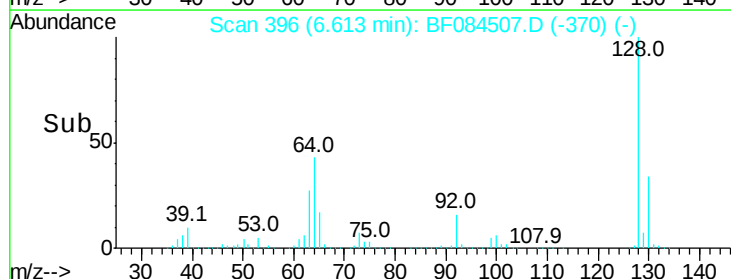
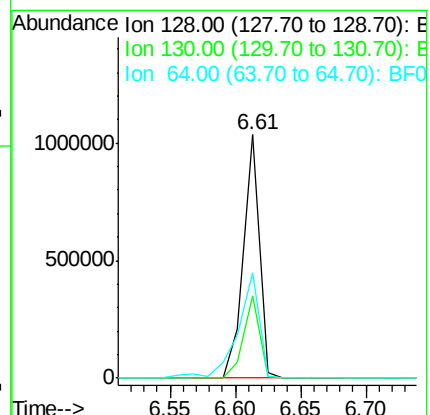
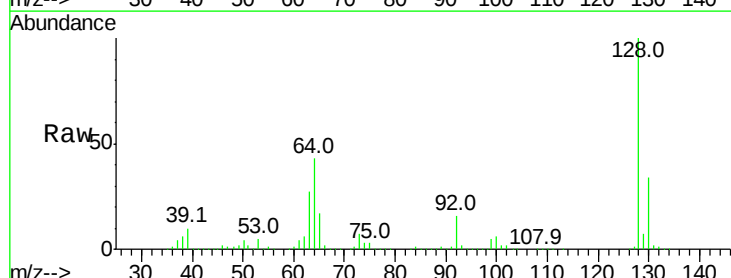
Tgt Ion: 128 Resp: 873231

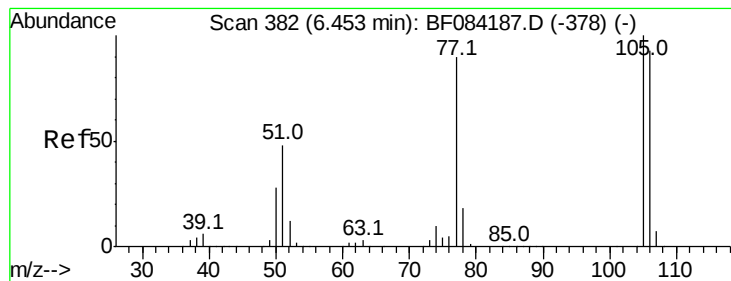
Ion Ratio Lower Upper

128 100

130 33.7 11.6 51.6

64 43.4 23.8 63.8





#9

Benzaldehyde

Concen: 36.57 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

Instrument :

BNA_F

ClientSampleId :

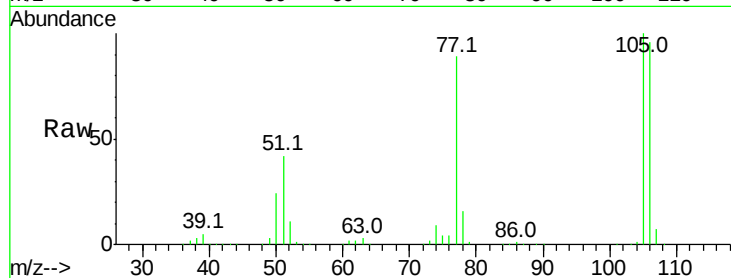
Tot Ion: 77 Resp: 545267

Ion Ratio Lower Upper

77 100

105 112.8 83.0 123.0

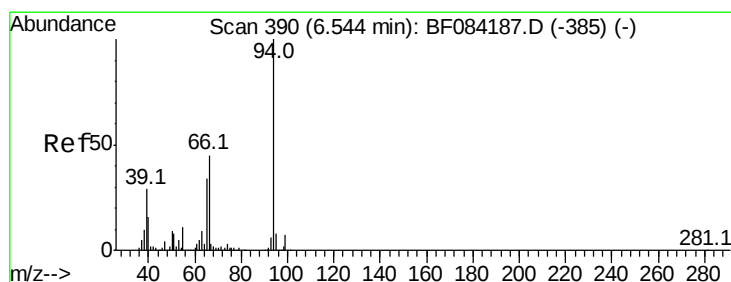
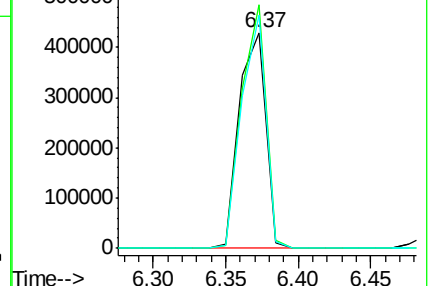
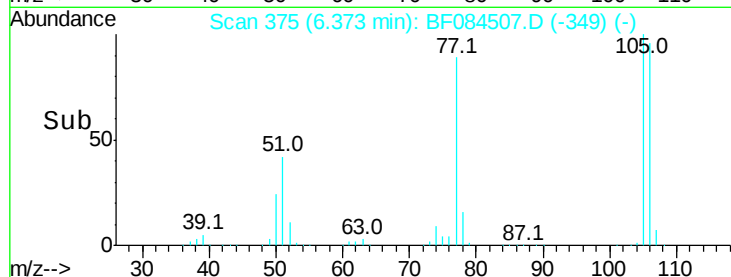
106 108.0 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.83 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

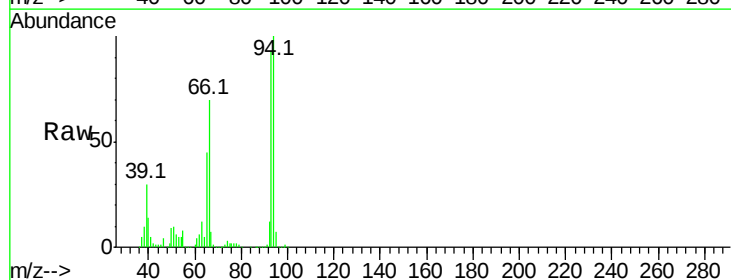
Tgt Ion: 94 Resp: 1088861

Ion Ratio Lower Upper

94 100

65 45.3 12.9 52.9

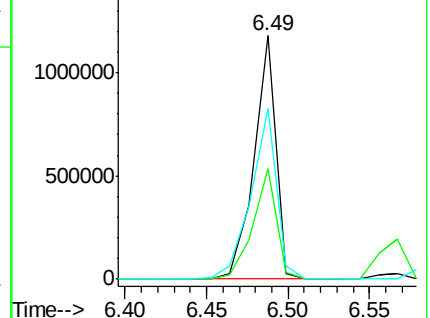
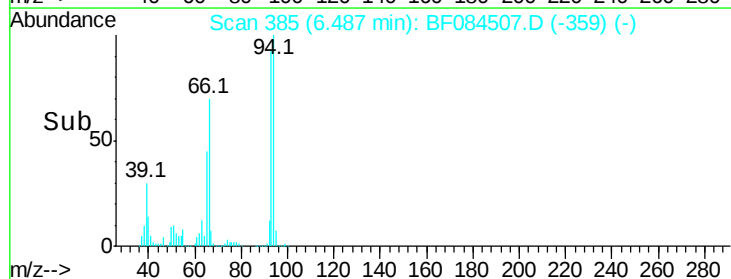
66 70.1 32.7 72.7

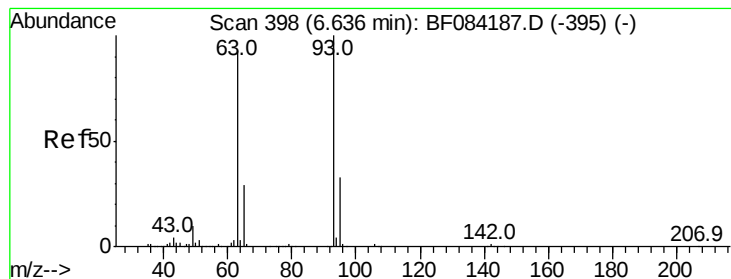


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.80 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

Instrument :

BNA_F

ClientSampled :

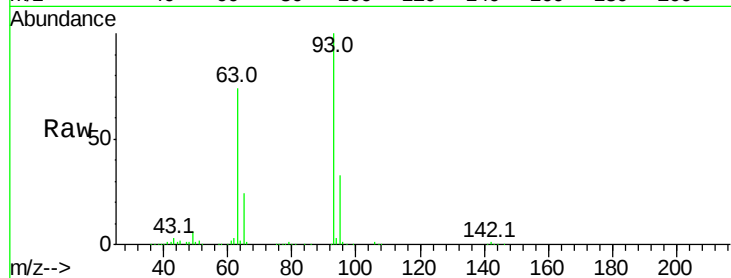
Tot Ion: 93 Resp: 863133

Ion Ratio Lower Upper

93 100

63 74.3 45.9 85.9

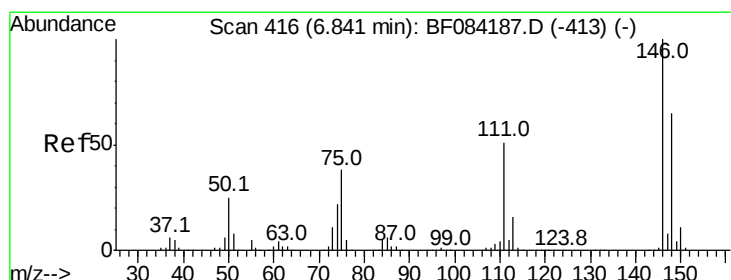
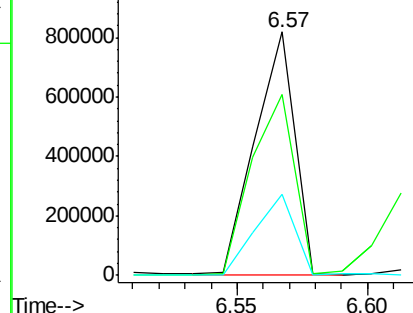
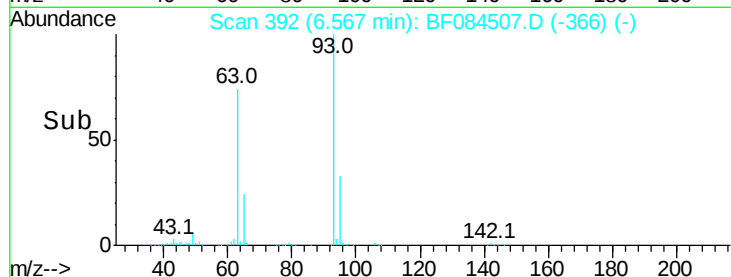
95 33.2 12.3 52.3



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: 40.28 ng

RT: 6.76 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

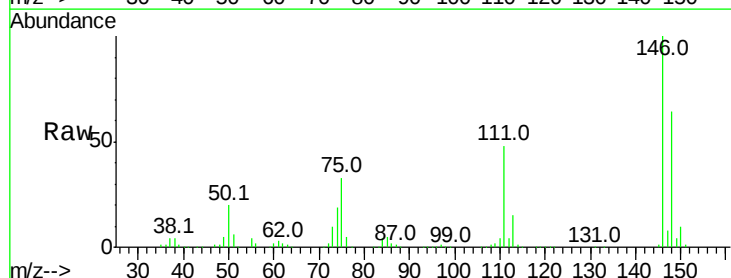
Tgt Ion: 146 Resp: 859526

Ion Ratio Lower Upper

146 100

148 63.6 51.9 77.9

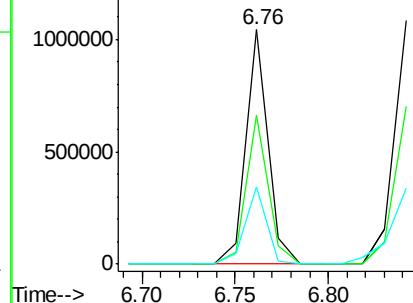
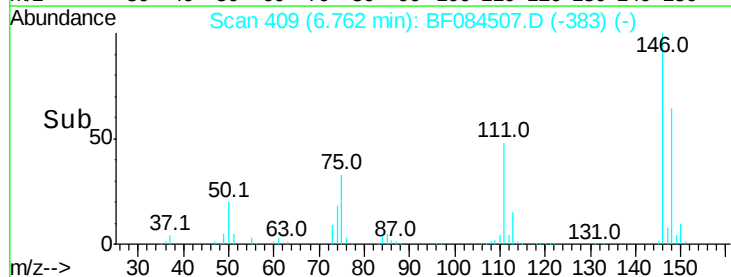
75 33.0 20.5 30.7#

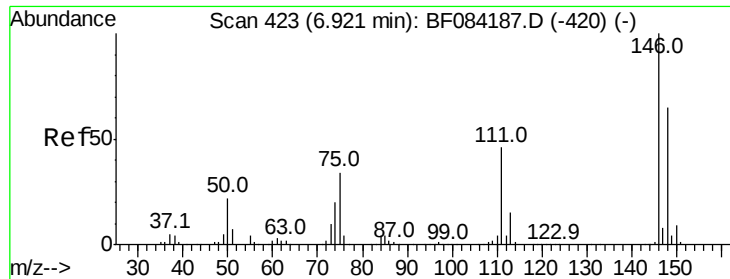


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

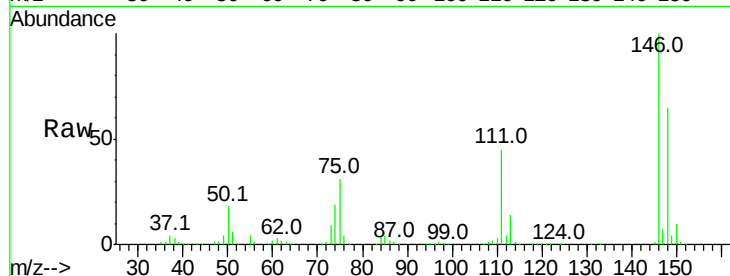




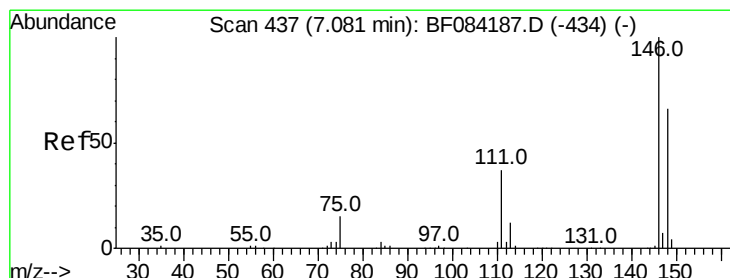
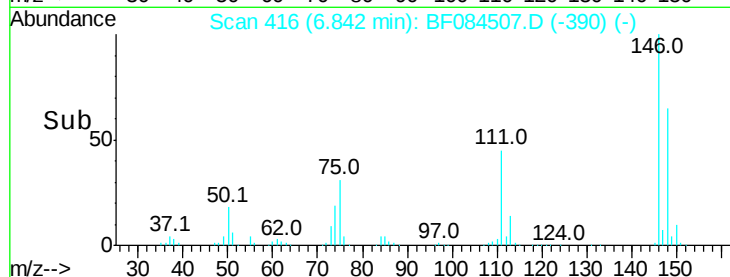
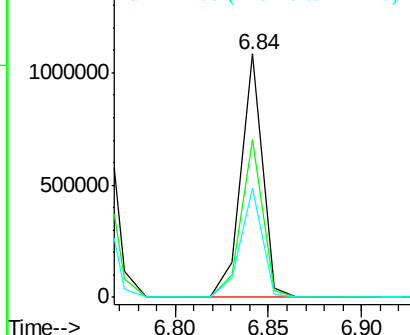
#13
 1,4-Dichlorobenzene
 Concen: 41.17 ng
 RT: 6.84 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF084507.D
 Acq: 15 Jan 2016 22:50

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:146 Resp: 880909
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.9 77.9
 111 44.6 41.6 62.4

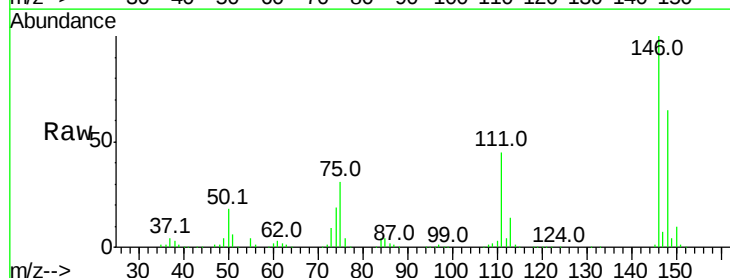


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

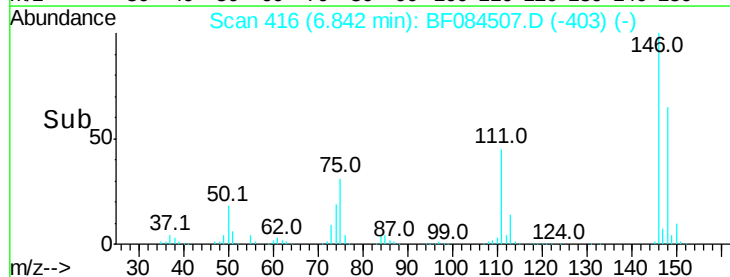
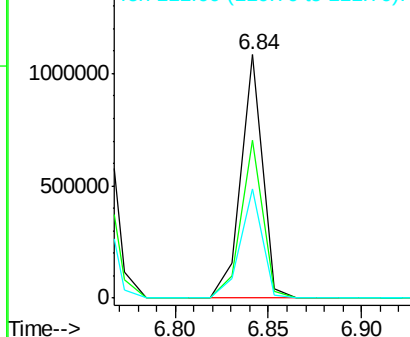


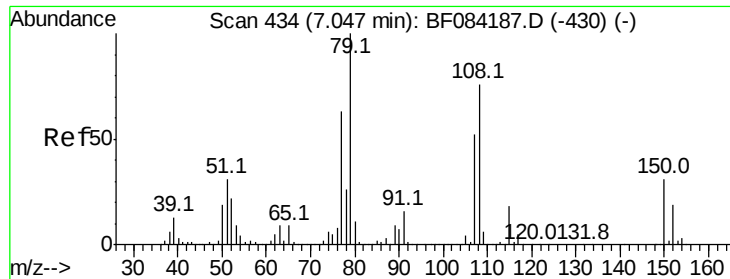
#14
 1,2-Dichlorobenzene
 Concen: 42.99 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.15 min
 Lab File: BF084507.D
 Acq: 15 Jan 2016 22:50

Tgt Ion:146 Resp: 880909
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.6 77.4
 111 44.6 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

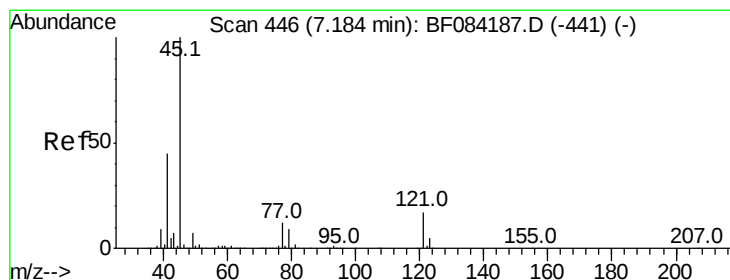
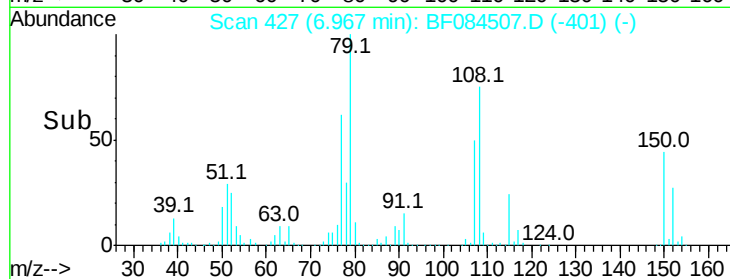
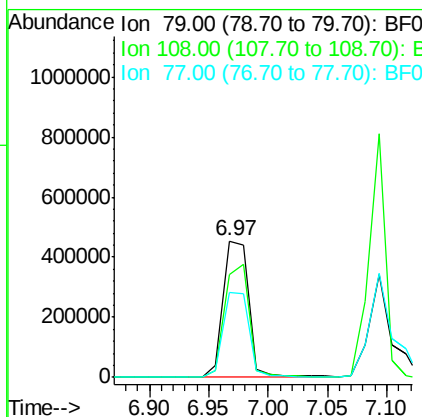
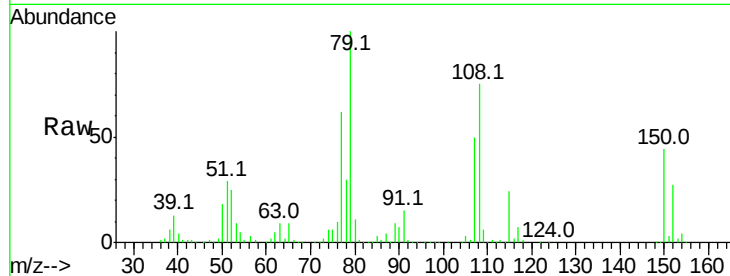




#15
Benzyl Alcohol
Concen: 35.29 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

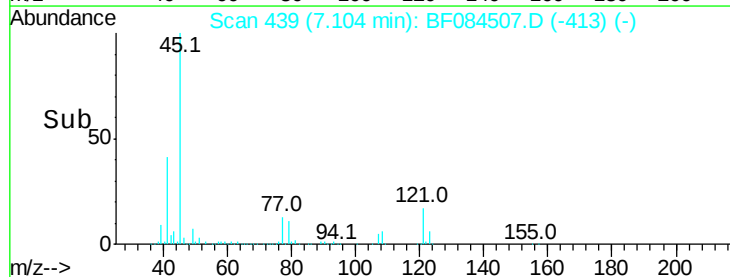
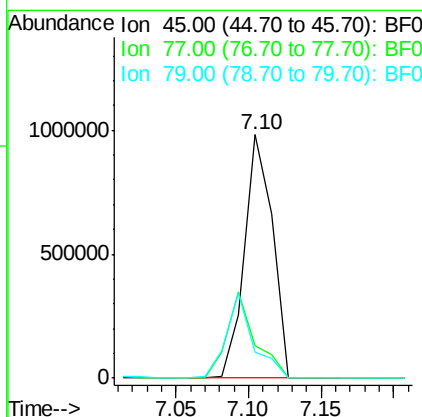
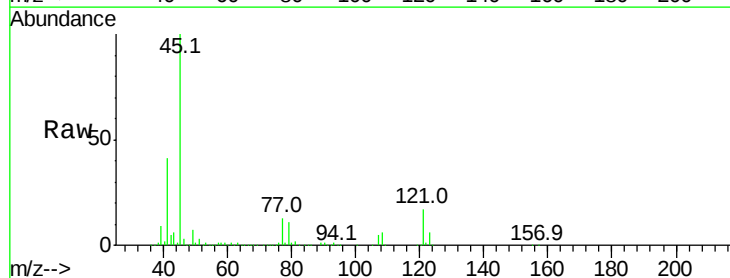
Instrument :
BNA_F
ClientSampled :

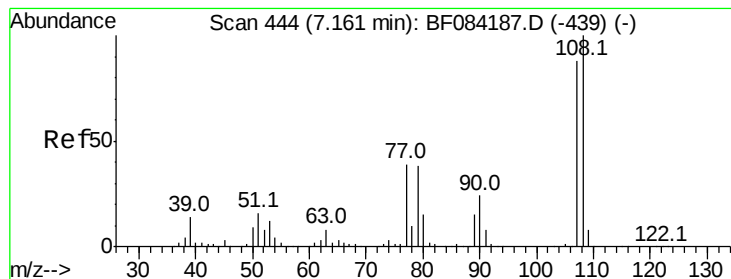
Tot Ion: 79 Resp: 679747
Ion Ratio Lower Upper
79 100
108 74.8 69.0 103.4
77 62.2 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.64 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

Tgt Ion: 45 Resp: 1308933
Ion Ratio Lower Upper
45 100
77 13.4 0.0 39.6
79 10.8 0.0 35.0





#17

2-Methylphenol

Concen: 39.08 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 677524

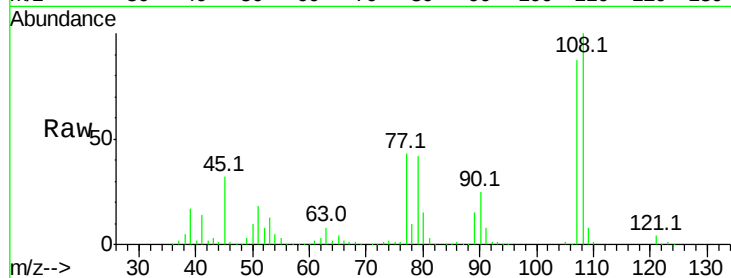
Ion Ratio Lower Upper

107 100

108 114.8 89.8 134.6

77 49.3 35.7 53.5

79 48.8 35.7 53.5

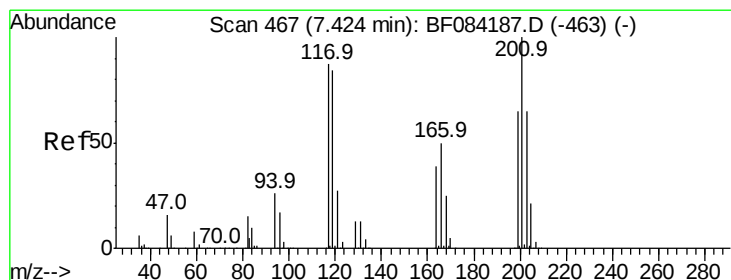
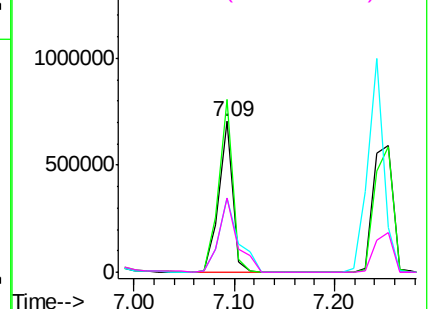
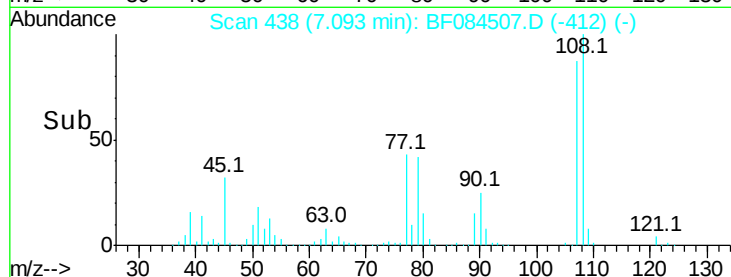


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.21 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

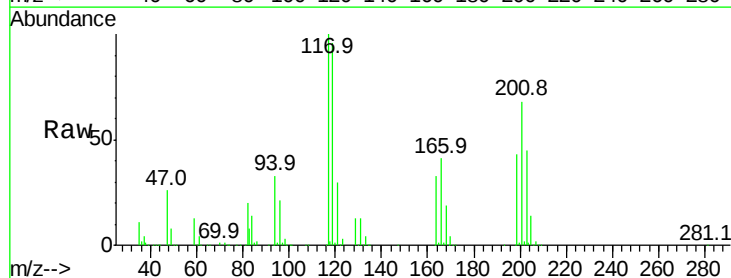
Tgt Ion:117 Resp: 326968

Ion Ratio Lower Upper

117 100

119 95.9 77.4 116.0

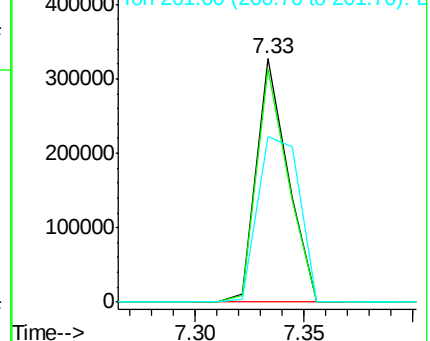
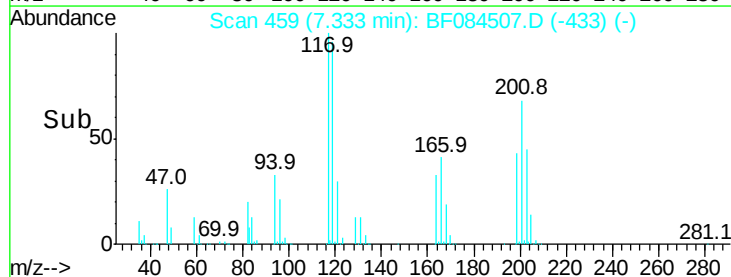
201 67.9 68.6 103.0#

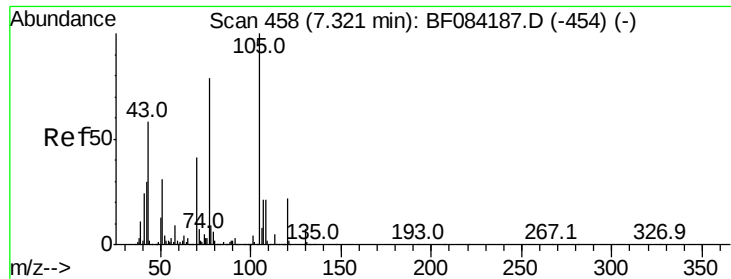


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

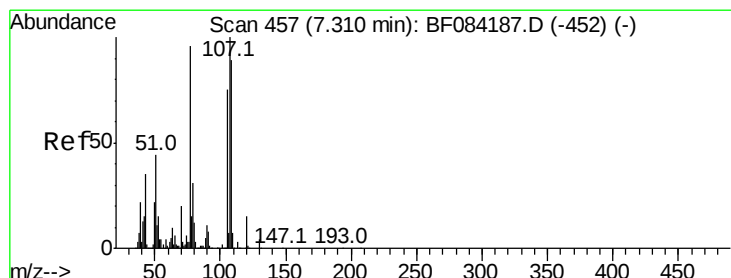
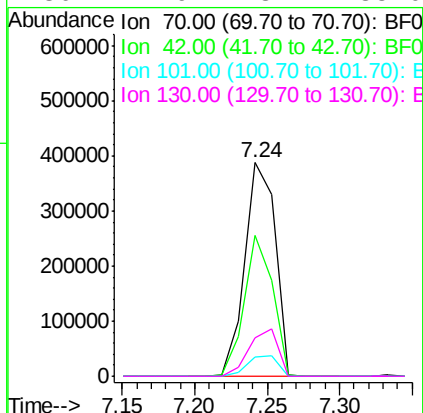
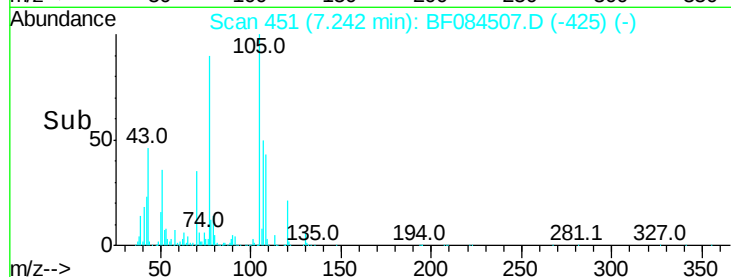
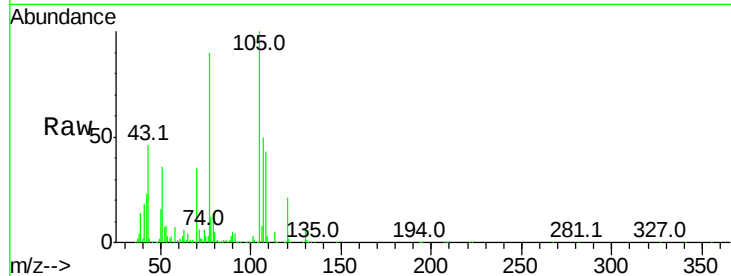




#19
n-Nitroso-di-n-propylamine
Concen: 36.40 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

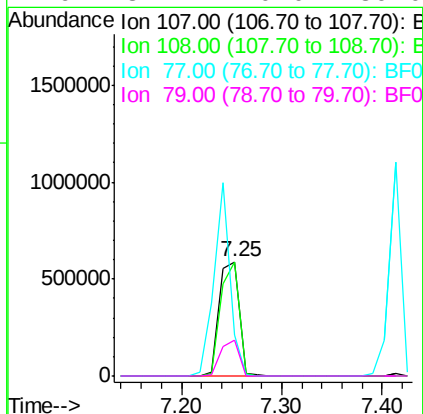
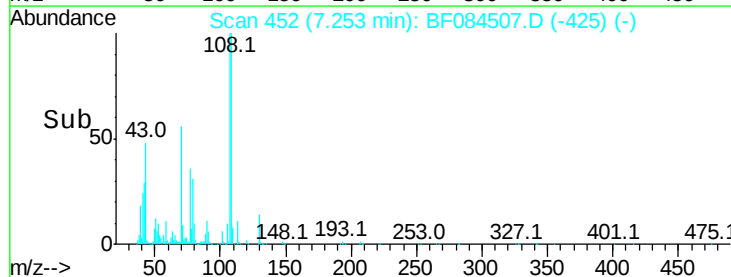
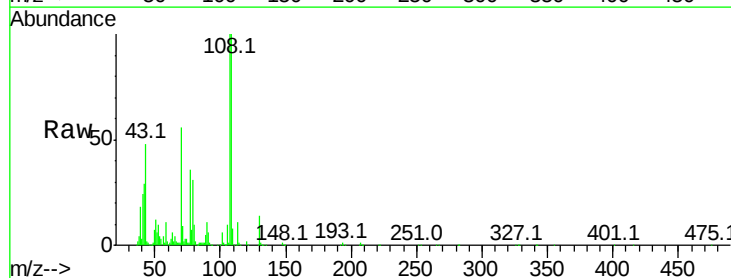
Instrument :
BNA_F
ClientSampleId :

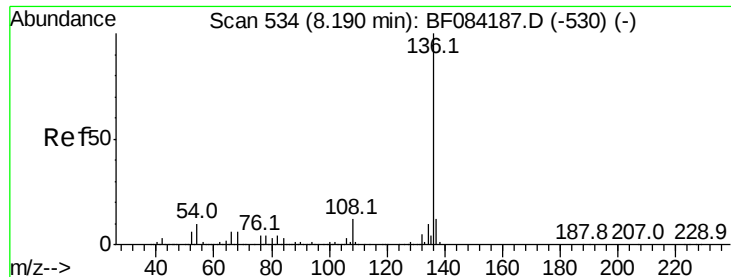
Tot Ion: 70 Resp: 564165
Ion Ratio Lower Upper
70 100
42 66.1 33.3 49.9#
101 8.9 9.3 13.9#
130 17.9 23.4 35.0#



#20
3+4-Methylphenols
Concen: 39.68 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.01 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

Tgt Ion:107 Resp: 808593
Ion Ratio Lower Upper
107 100
108 99.9 74.6 114.6
77 35.8 0.7 40.7
79 31.4 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: BF084507.D

Acq: 15 Jan 2016 22:50

Instrument :

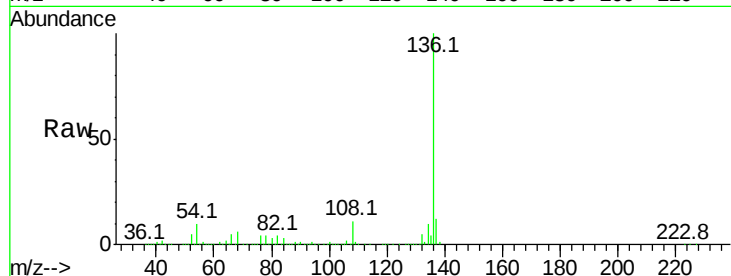
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1194418

Ion Ratio Lower Upper

136	100		
137	11.6	8.7	13.1
54	9.9	5.8	8.8#
68	6.1	4.2	6.2

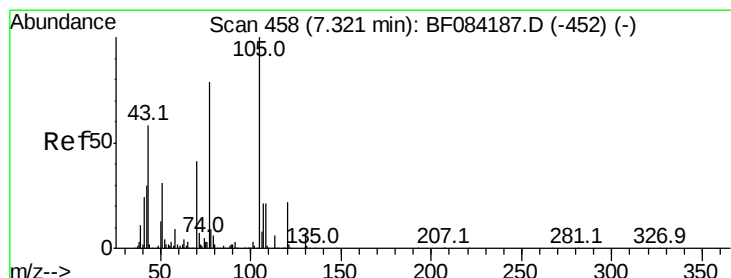
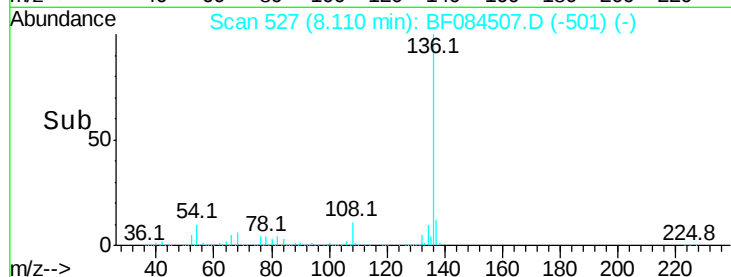
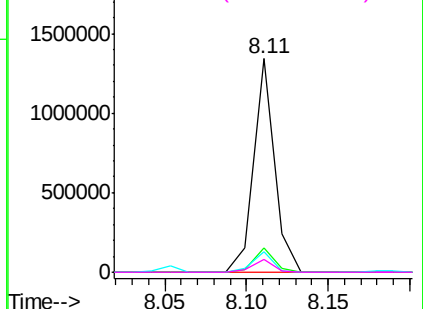


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.33 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

Tgt Ion:105 Resp: 1129554

Ion Ratio Lower Upper

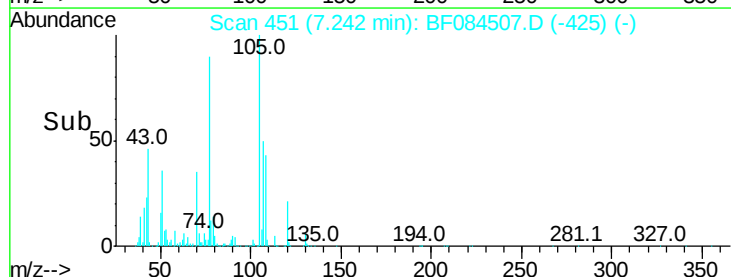
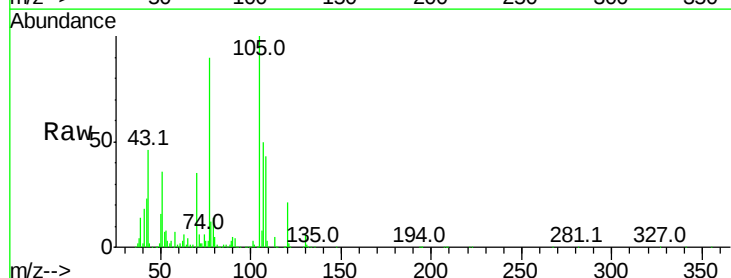
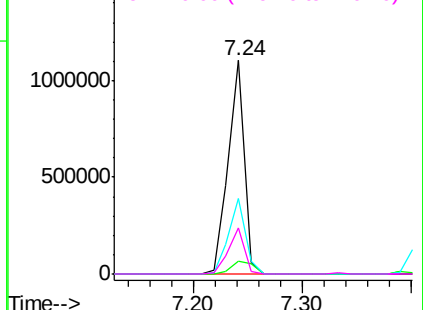
105	100		
71	5.7	3.7	5.5#
51	35.6	25.1	37.7
120	21.4	16.6	25.0

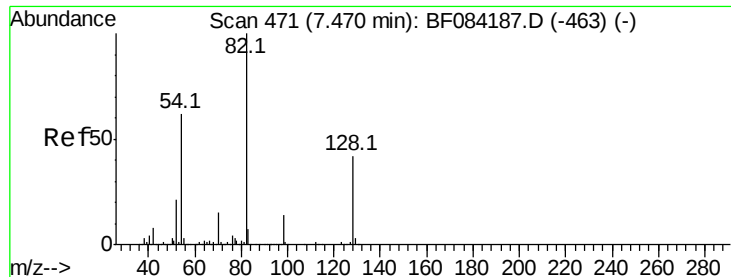
Abundance Ion 105.00 (104.70 to 105.70): E

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

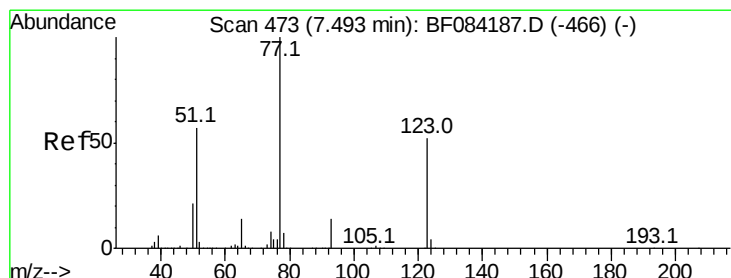
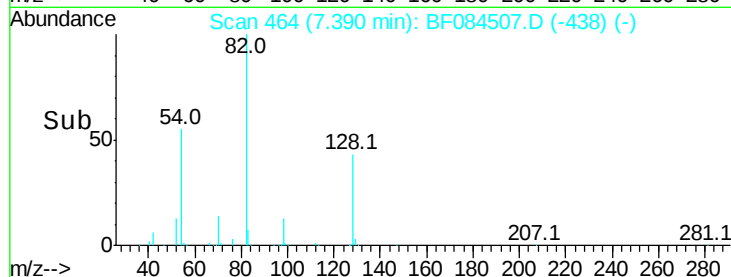
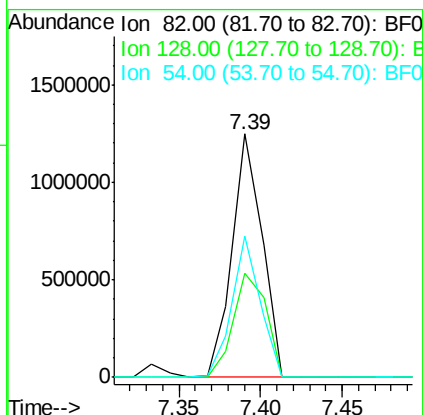
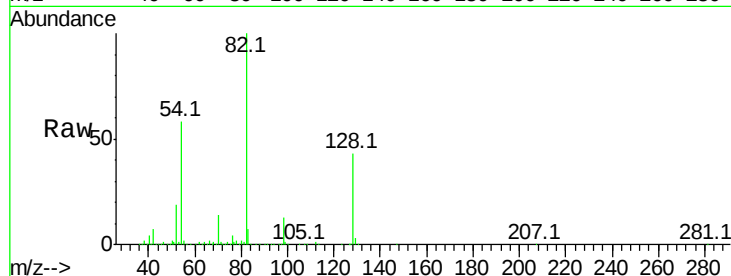




#23
Nitrobenzene-d5
Concen: 73.56 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

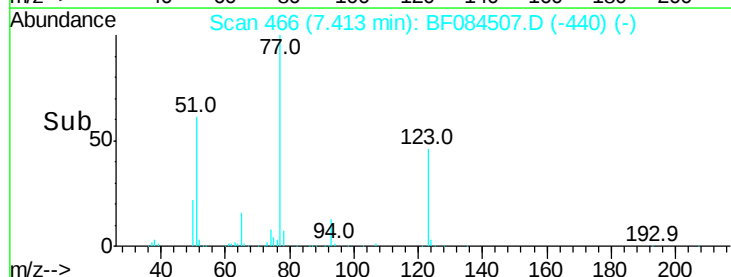
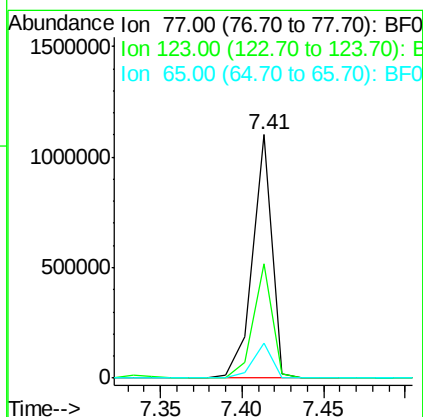
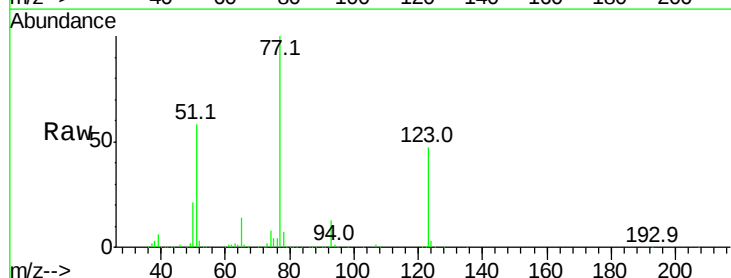
Instrument :
BNA_F
ClientSampleId :

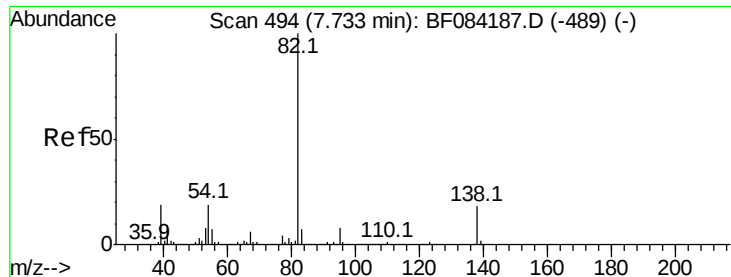
Tot Ion: 82 Resp: 1578591
Ion Ratio Lower Upper
82 100
128 42.6 34.6 51.8
54 58.0 38.4 57.6#



#24
Nitrobenzene
Concen: 41.63 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

Tgt Ion: 77 Resp: 906205
Ion Ratio Lower Upper
77 100
123 46.8 37.4 56.2
65 14.3 10.9 16.3





#25

Isophorone

Concen: 37.62 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

Instrument :

BNA_F

ClientSampleId :

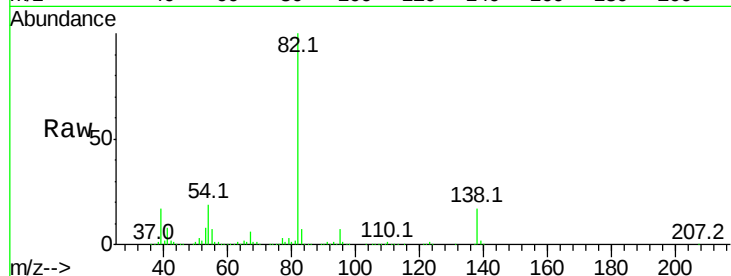
Tot Ion: 82 Resp: 1544126

Ion Ratio Lower Upper

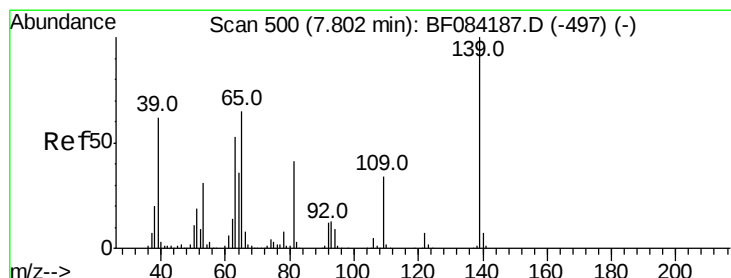
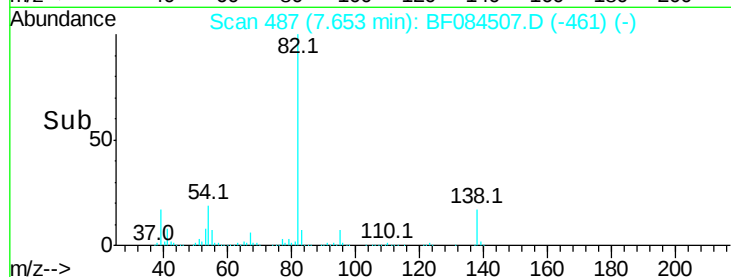
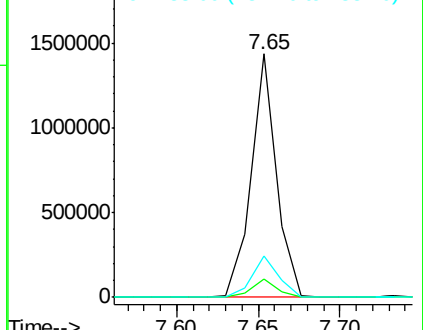
82 100

95 7.3 6.6 10.0

138 16.8 13.6 20.4



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



#26

2-Nitrophenol

Concen: 45.99 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

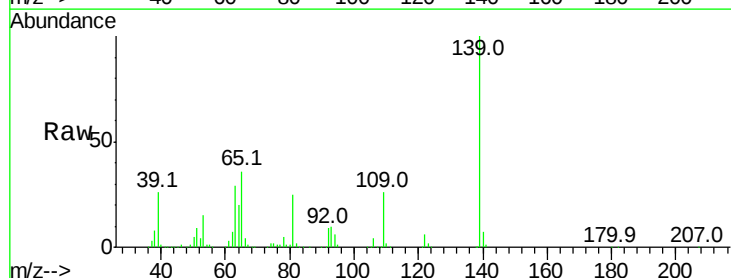
Tgt Ion: 139 Resp: 455596

Ion Ratio Lower Upper

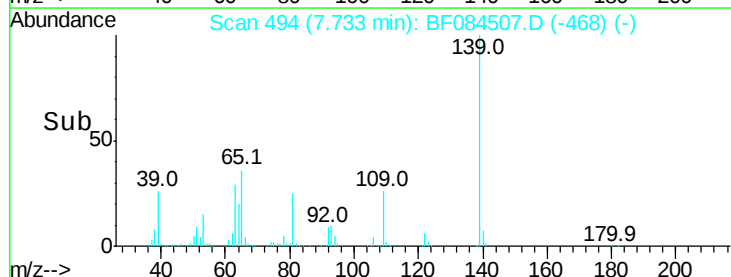
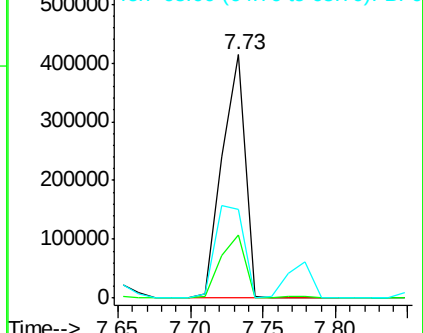
139 100

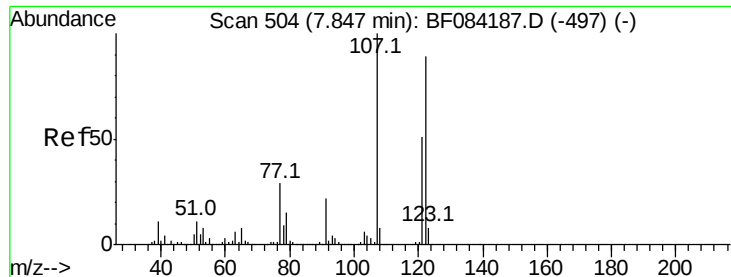
109 26.1 25.4 38.2

65 36.4 32.3 48.5



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





#27

2,4-Dimethylphenol

Concen: 40.37 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

Instrument :

BNA_F

ClientSampleId :

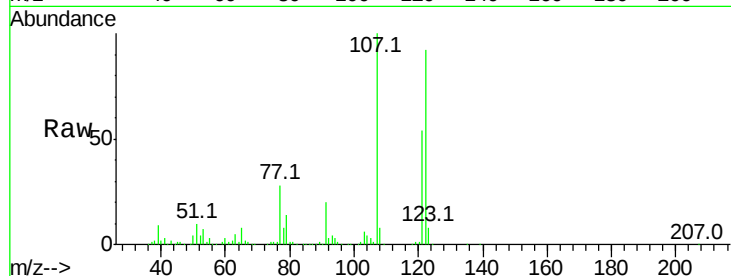
Tot Ion:122 Resp: 809408

Ion Ratio Lower Upper

122 100

107 108.3 99.1 148.7

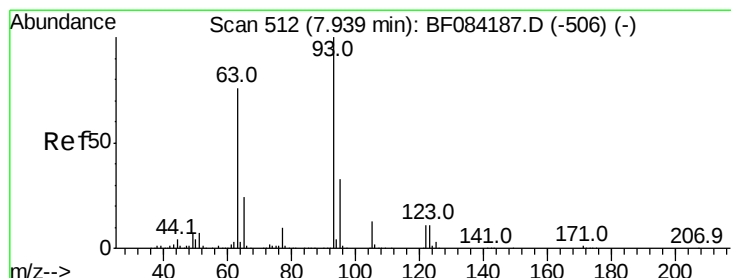
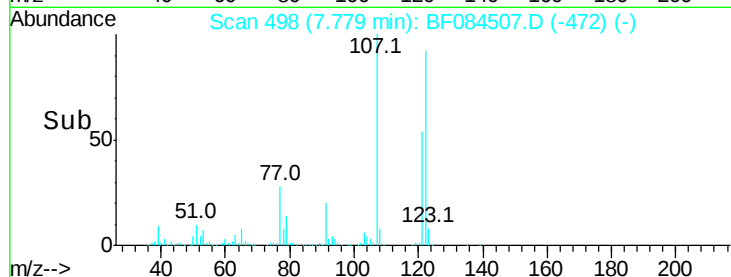
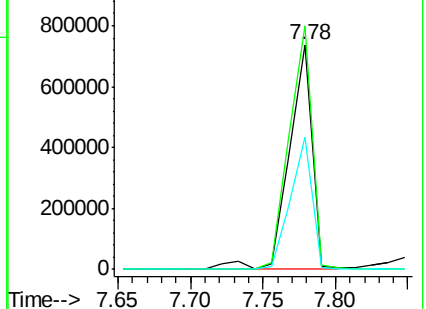
121 58.8 47.9 71.9



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: 41.75 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

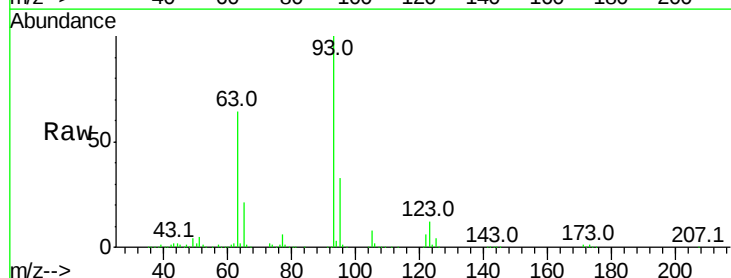
Tgt Ion: 93 Resp: 1046644

Ion Ratio Lower Upper

93 100

95 33.3 25.8 38.6

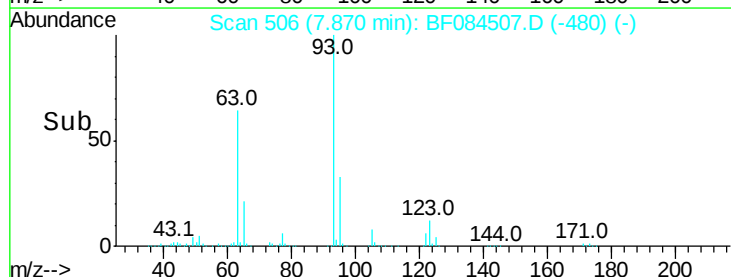
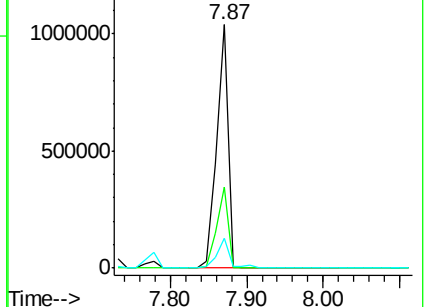
123 12.4 8.6 12.8



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

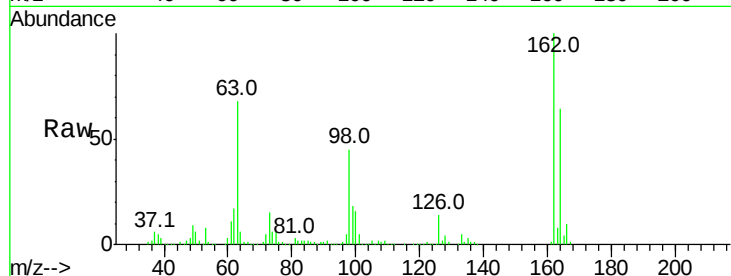




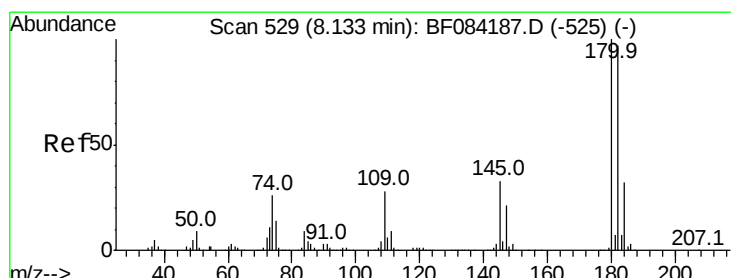
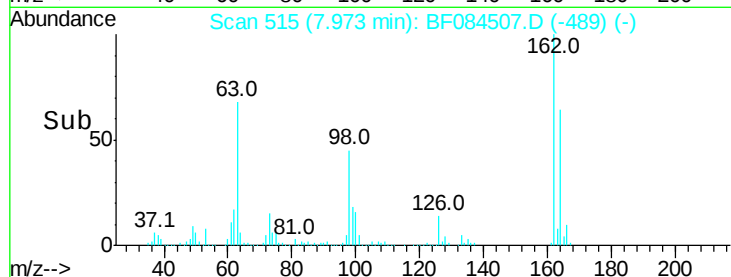
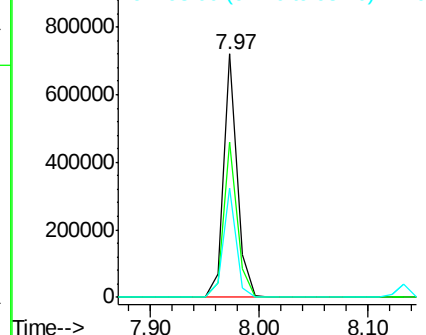
#29
2,4-Dichlorophenol
Concen: 37.88 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 632687
Ion Ratio Lower Upper
162 100
164 64.0 44.1 84.1
98 44.9 20.2 60.2

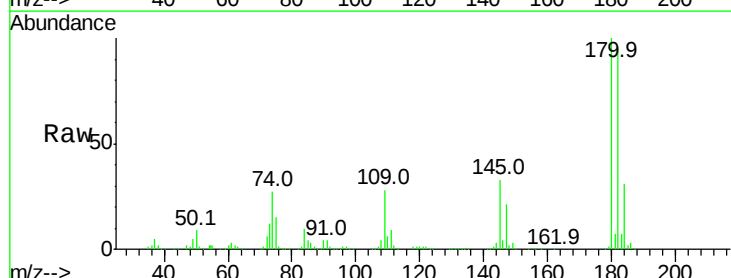


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

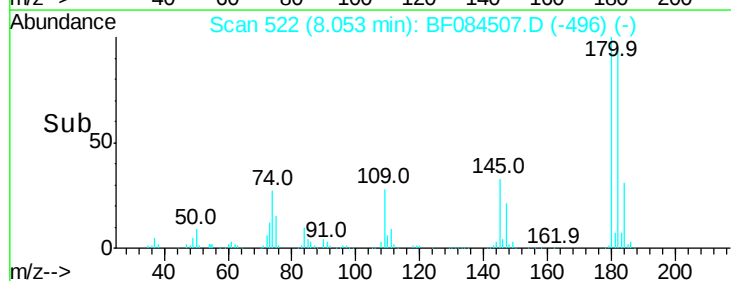
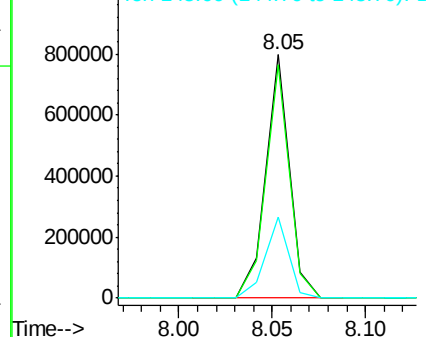


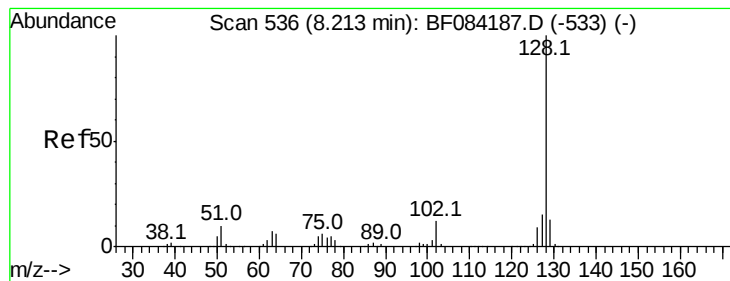
#30
1,2,4-Trichlorobenzene
Concen: 40.41 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

Tgt Ion:180 Resp: 696895
Ion Ratio Lower Upper
180 100
182 95.7 76.4 114.6
145 33.1 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: 38.60 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

Instrument :

BNA_F

ClientSampleId :

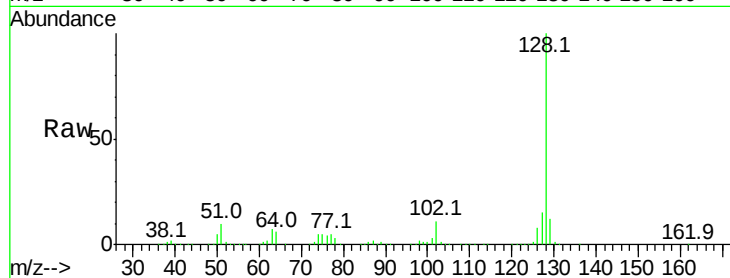
Tot Ion:128 Resp: 2091847

Ion Ratio Lower Upper

128 100

129 12.5 9.1 13.7

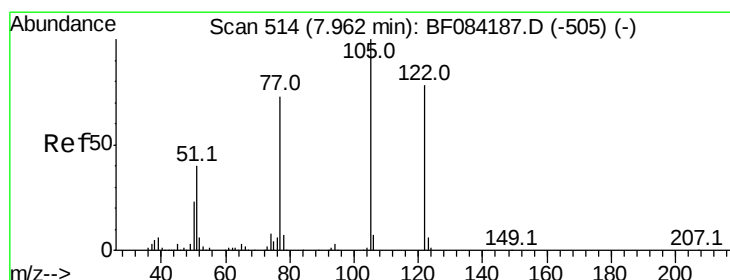
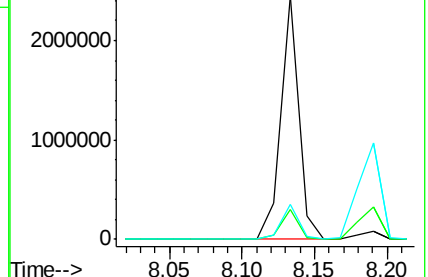
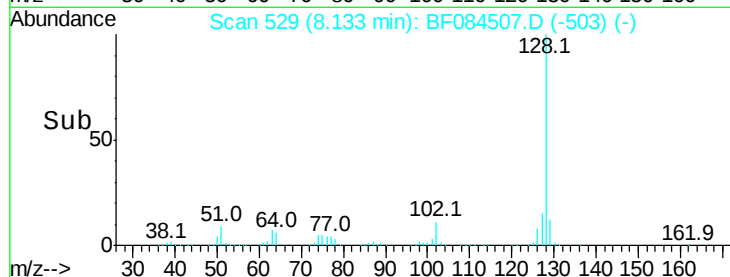
127 14.5 11.1 16.7



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: 36.01 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

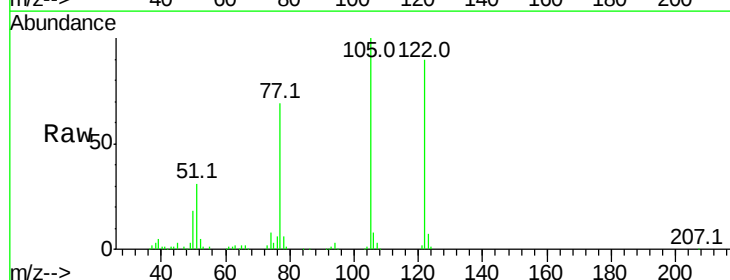
Tgt Ion:122 Resp: 441342

Ion Ratio Lower Upper

122 100

105 110.9 100.3 140.3

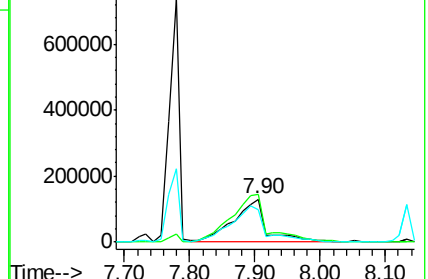
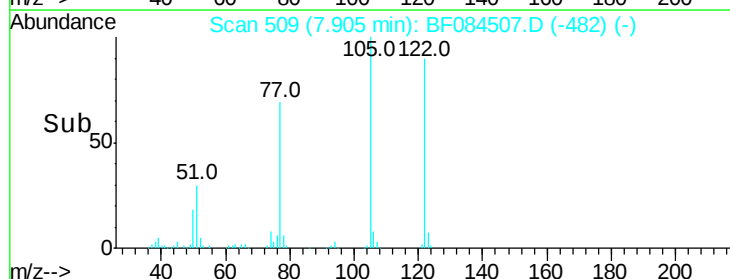
77 76.9 63.5 103.5

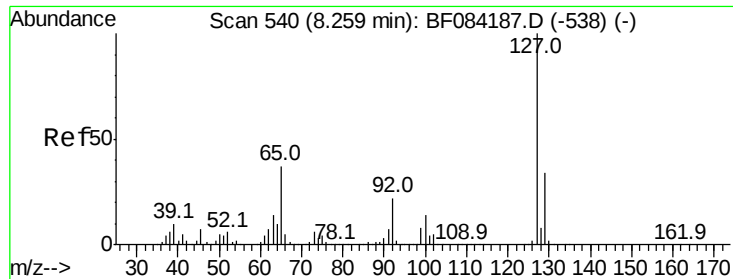


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

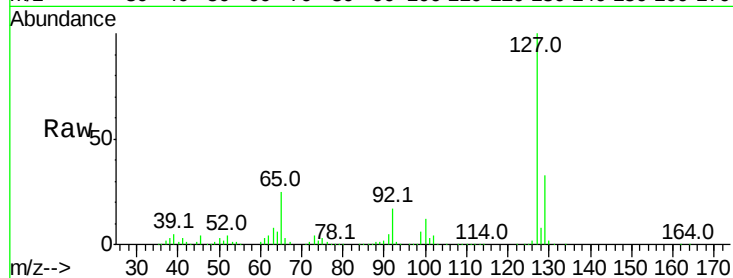




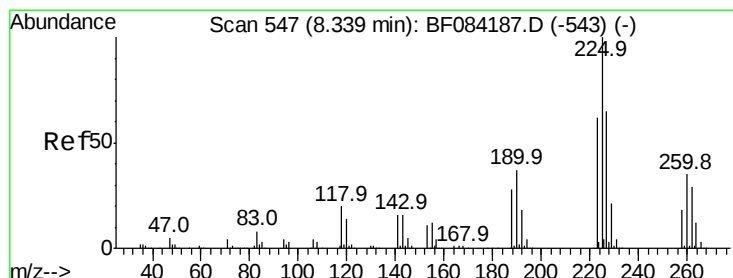
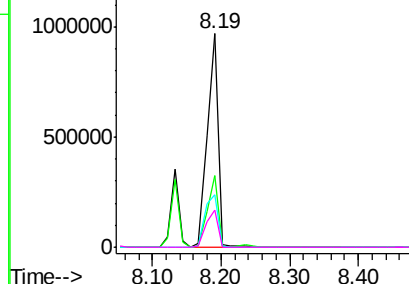
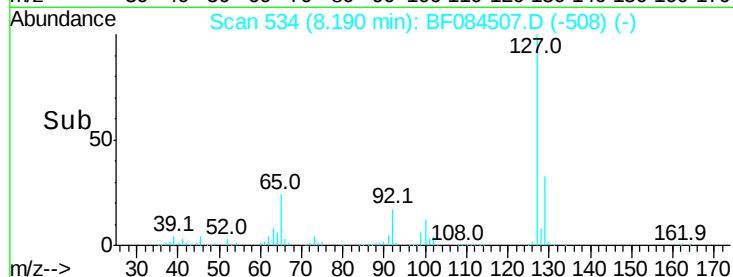
#33
4-Chloroaniline
Concen: 41.96 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:127 Resp: 1042414
Ion Ratio Lower Upper
127 100
129 33.4 26.5 39.7
65 24.9 27.2 40.8#
92 17.3 17.7 26.5#

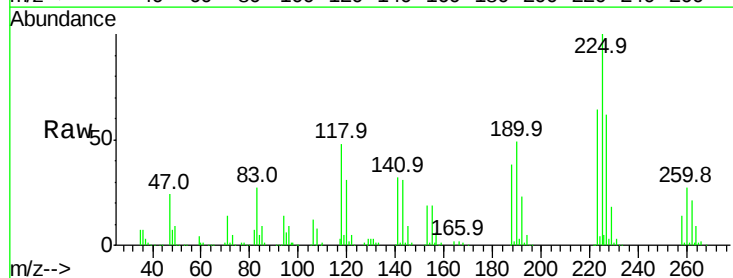


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

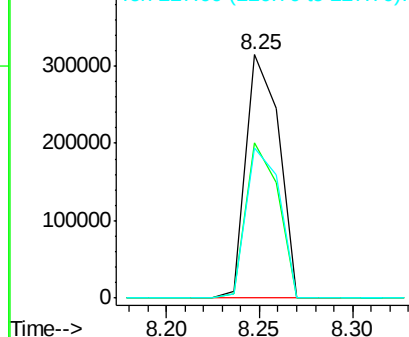
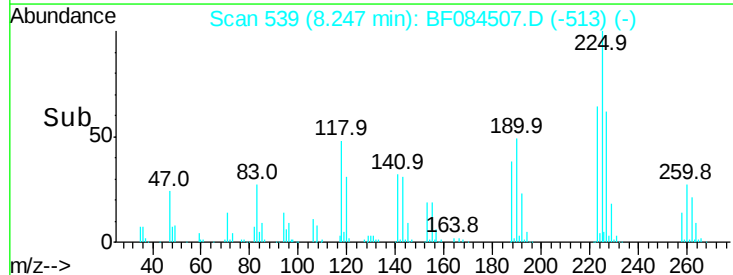


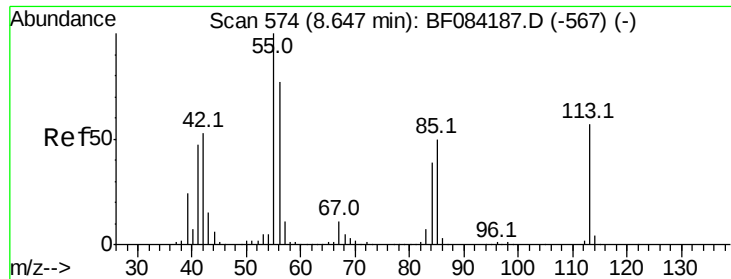
#34
Hexachlorobutadiene
Concen: 39.41 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

Tgt Ion:225 Resp: 390614
Ion Ratio Lower Upper
225 100
223 63.7 49.4 74.0
227 61.7 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: 40.03 ng

RT: 8.57 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

Instrument :
BNA_F
ClientSampleId :

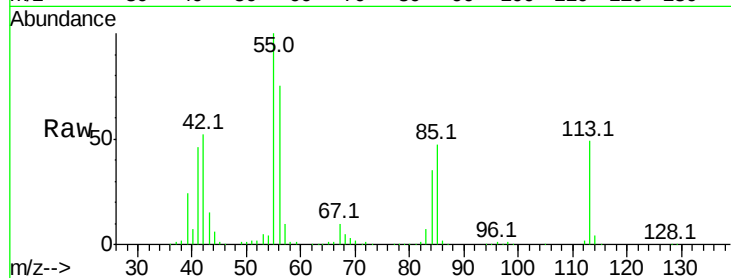
Tot Ion:113 Resp: 225428

Ion Ratio Lower Upper

113 100

55 204.5 116.9 156.9#

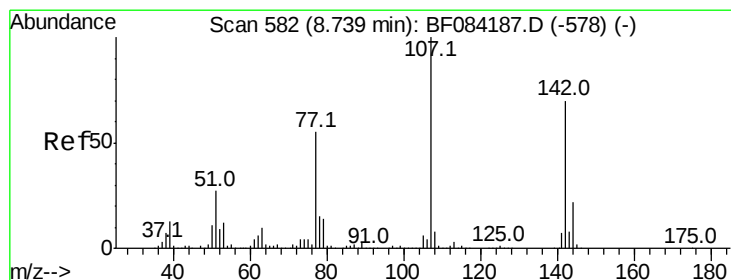
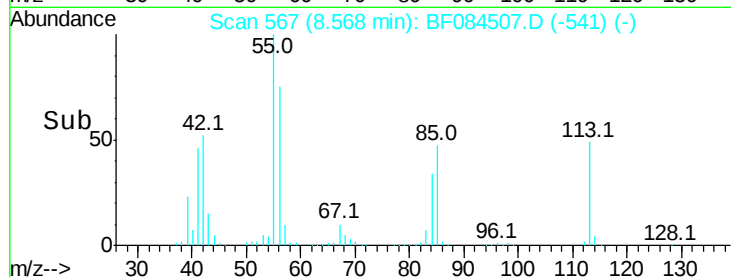
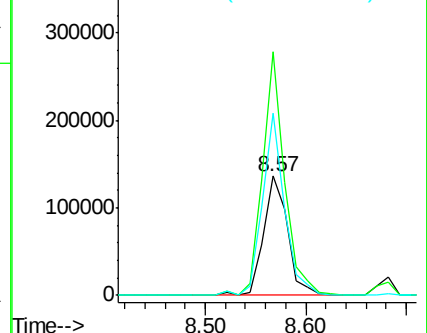
56 152.8 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.13 ng

RT: 8.68 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

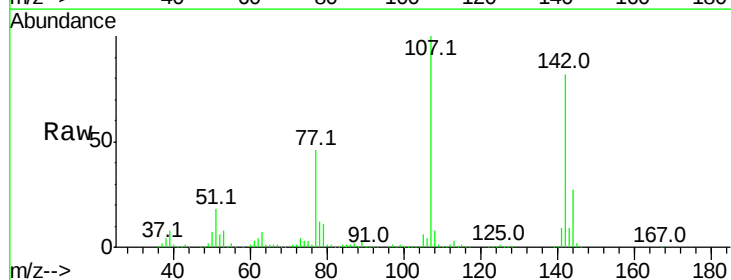
Tgt Ion:107 Resp: 769524

Ion Ratio Lower Upper

107 100

144 27.1 19.7 29.5

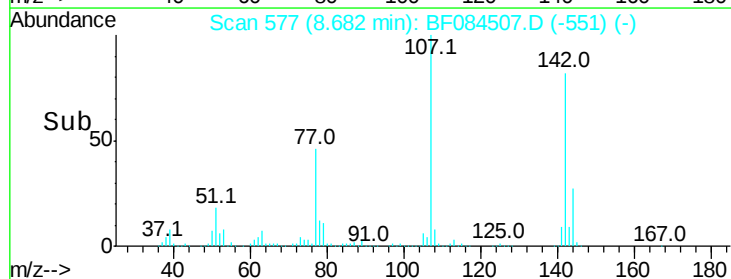
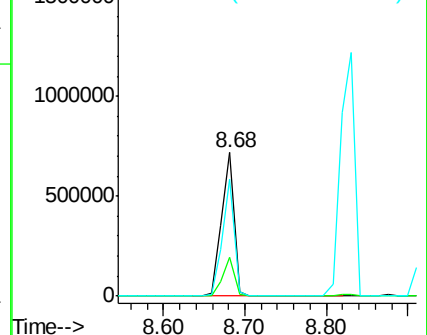
142 81.8 61.8 92.6

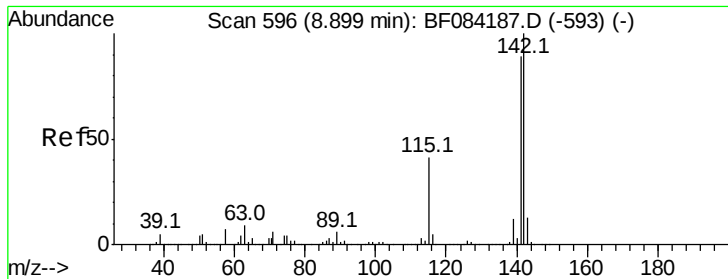


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

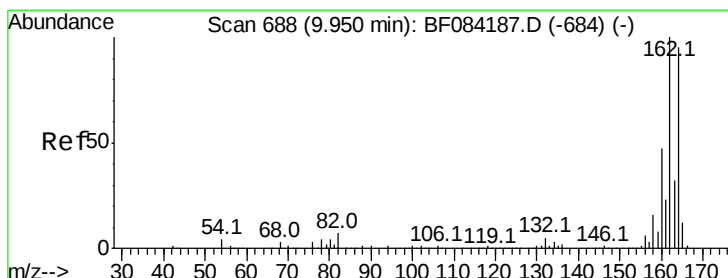
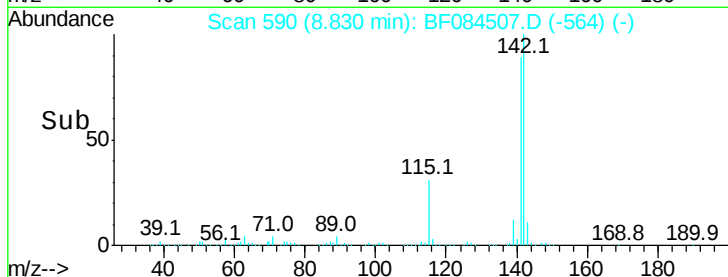
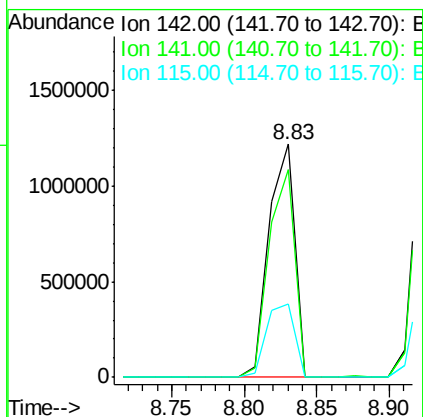
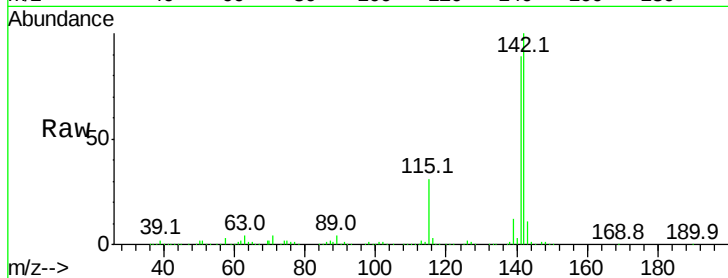




#37
 2-Methylnaphthalene
 Concen: 38.85 ng
 RT: 8.83 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF084507.D
 Acq: 15 Jan 2016 22:50

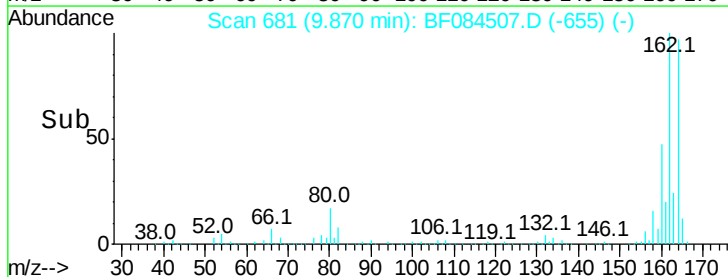
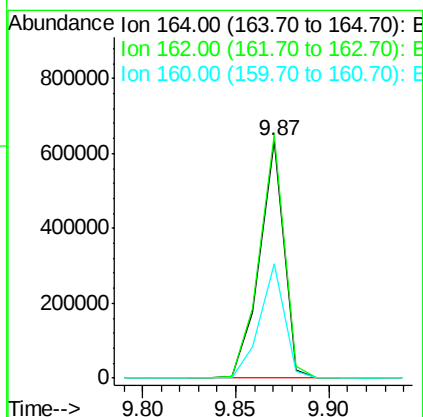
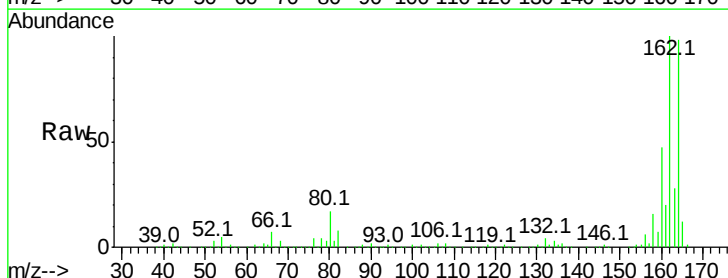
Instrument :
 BNA_F
 ClientSampleId :

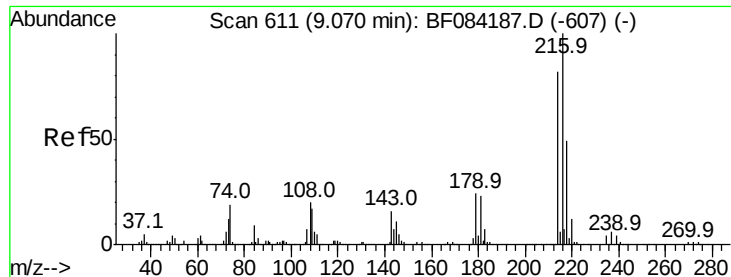
Tot Ion:142 Resp: 1511240
 Ion Ratio Lower Upper
 142 100
 141 89.4 72.4 108.6
 115 31.4 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF084507.D
 Acq: 15 Jan 2016 22:50

Tgt Ion:164 Resp: 574539
 Ion Ratio Lower Upper
 164 100
 162 102.4 85.1 127.7
 160 48.2 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.74 ng

RT: 8.99 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 623312

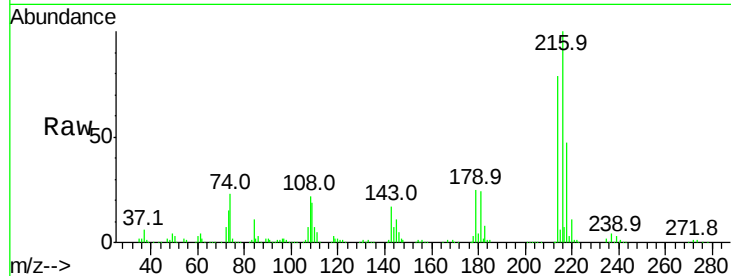
Ion Ratio Lower Upper

216 100

214 78.7 64.2 96.2

179 23.5 18.7 28.1

108 21.3 16.8 25.2

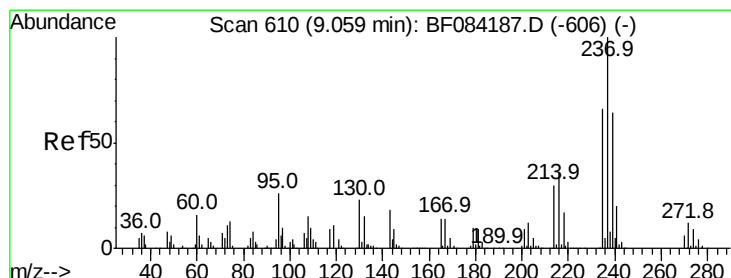
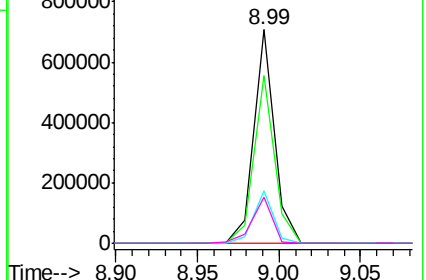
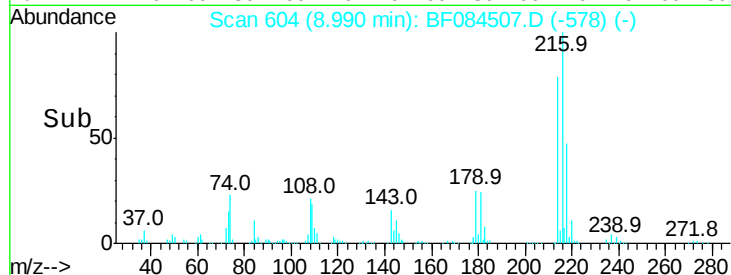


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 22.82 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

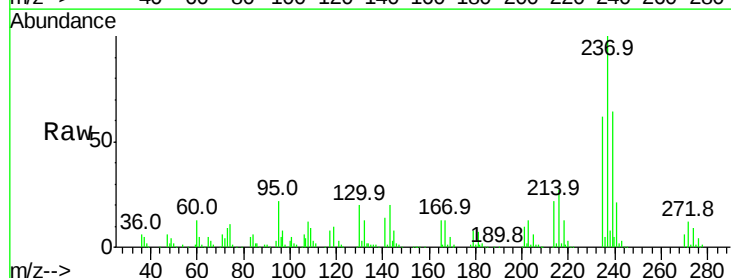
Tgt Ion:237 Resp: 227582

Ion Ratio Lower Upper

237 100

235 61.7 43.1 83.1

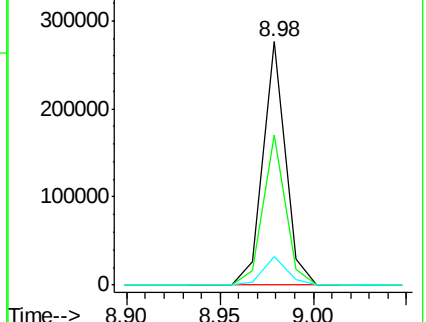
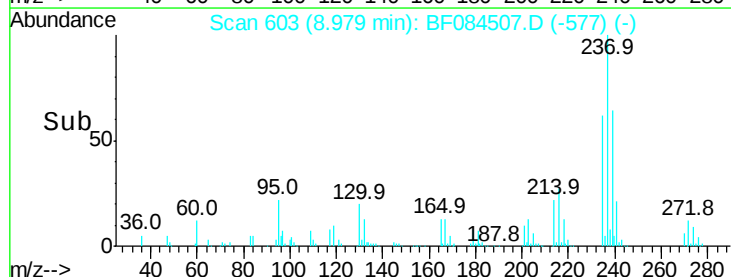
272 12.0 0.0 35.1

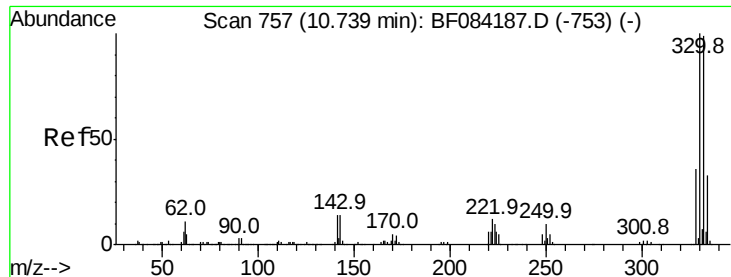


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

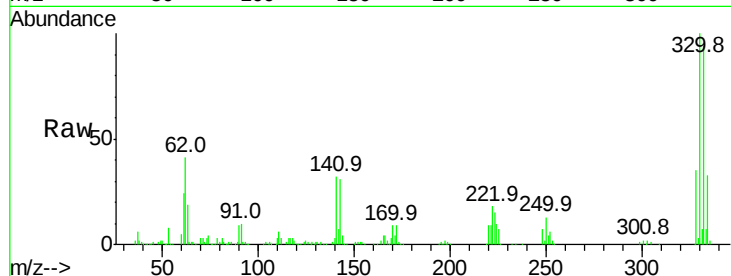




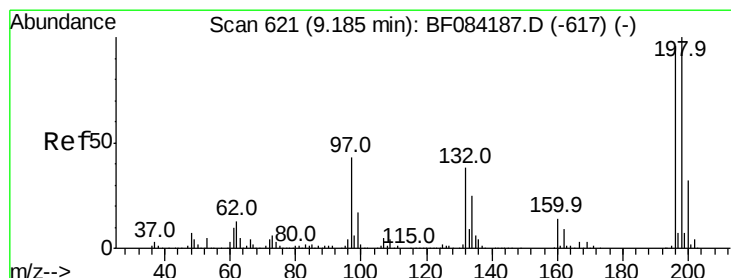
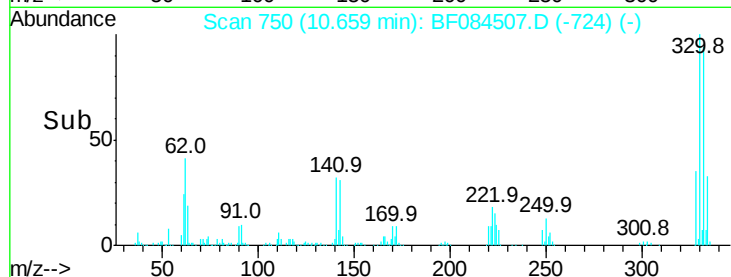
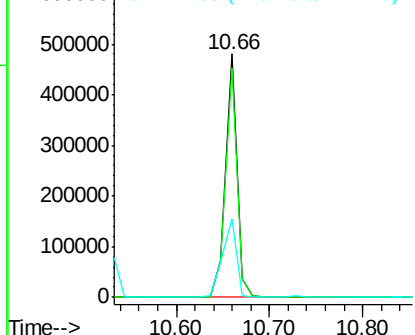
#41
 2,4,6-Tribromophenol
 Concen: 70.89 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF084507.D
 Acq: 15 Jan 2016 22:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 411212
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.6 114.8
 141 38.4 27.8 41.6

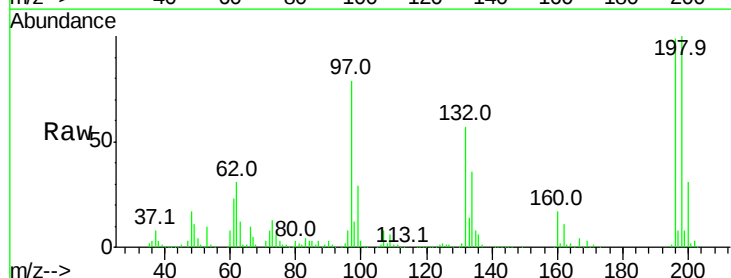


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

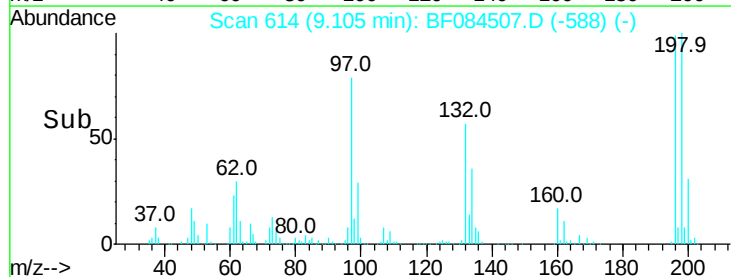
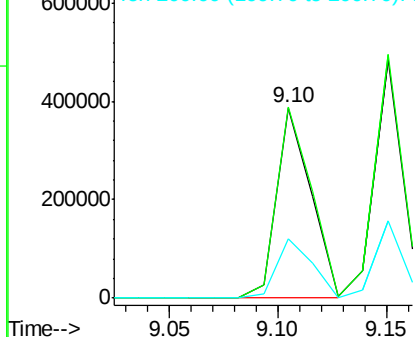


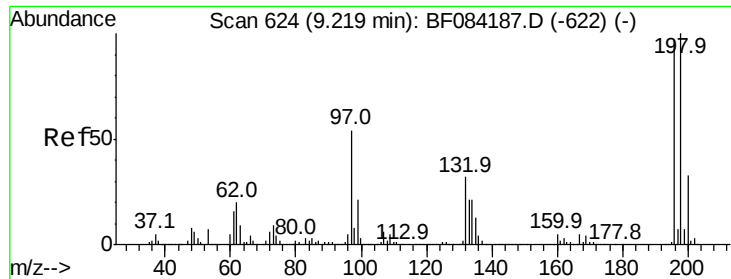
#42
 2,4,6-Trichlorophenol
 Concen: 34.63 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF084507.D
 Acq: 15 Jan 2016 22:50

Tgt Ion:196 Resp: 427928
 Ion Ratio Lower Upper
 196 100
 198 100.8 77.7 116.5
 200 31.0 24.6 37.0



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

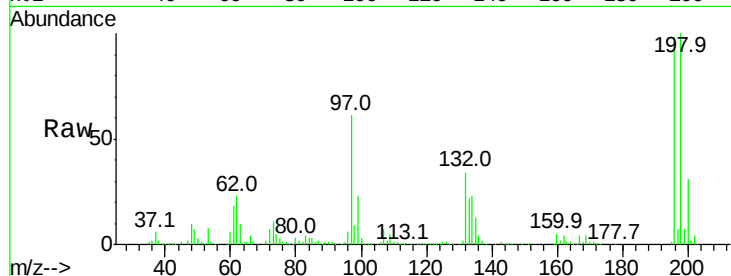




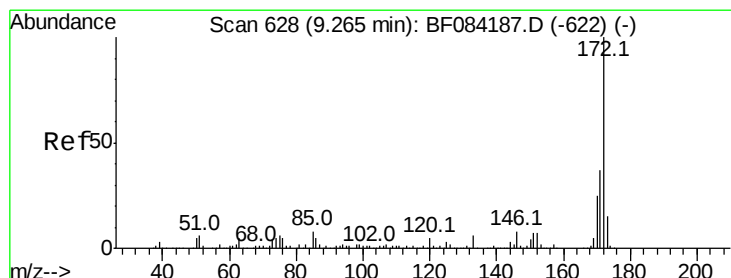
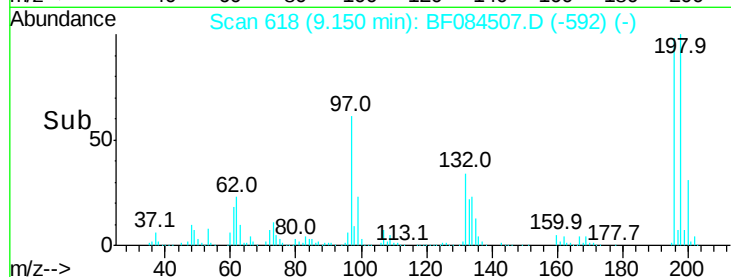
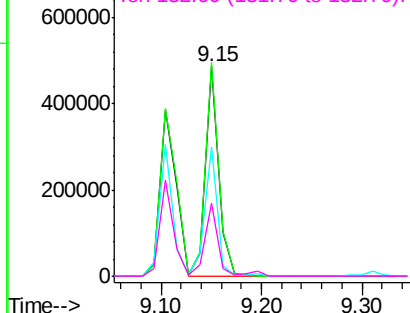
#43
 2,4,5-Trichlorophenol
 Concen: 37.59 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF084507.D
 Acq: 15 Jan 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 445308
 Ion Ratio Lower Upper
 196 100
 198 102.0 79.0 118.6
 97 61.9 33.0 49.6#
 132 35.0 21.1 31.7#

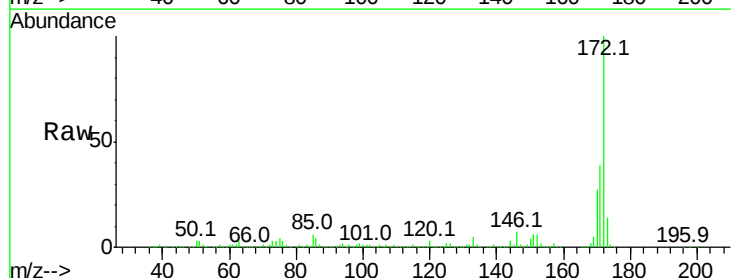


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

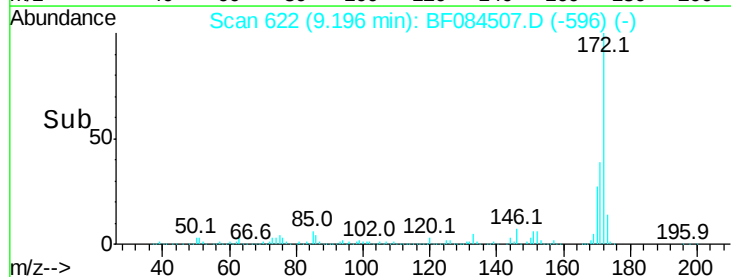
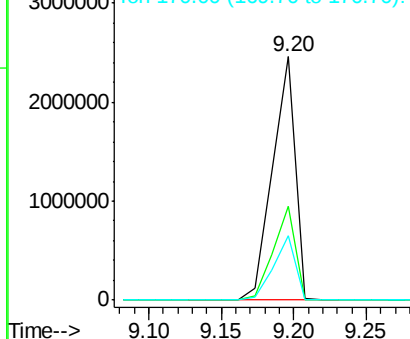


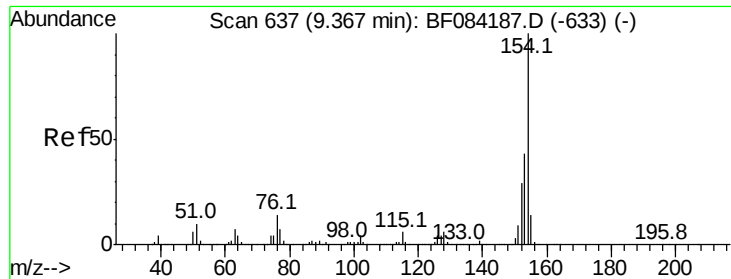
#44
 2-Fluorobiphenyl
 Concen: 81.27 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084507.D
 Acq: 15 Jan 2016 22:50

Tgt Ion:172 Resp: 2663431
 Ion Ratio Lower Upper
 172 100
 171 38.6 28.9 43.3
 170 26.7 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

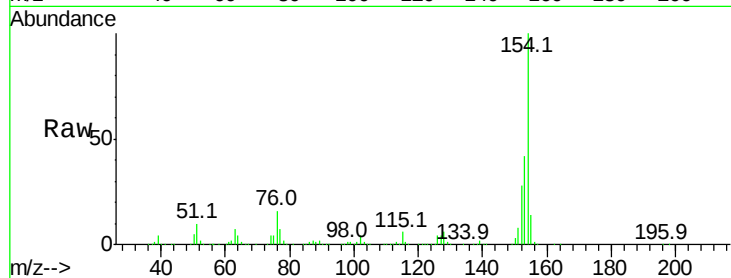




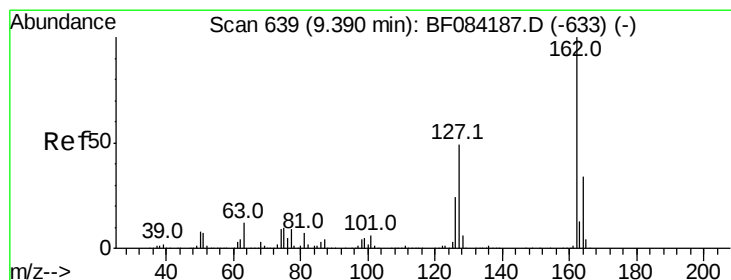
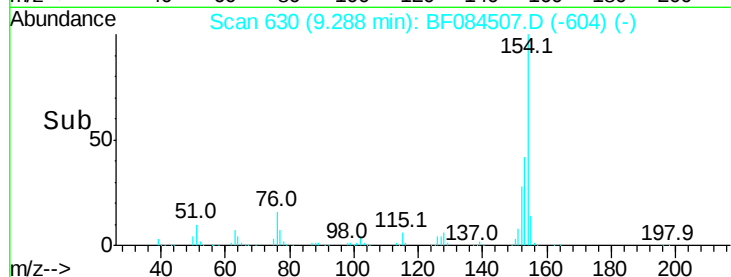
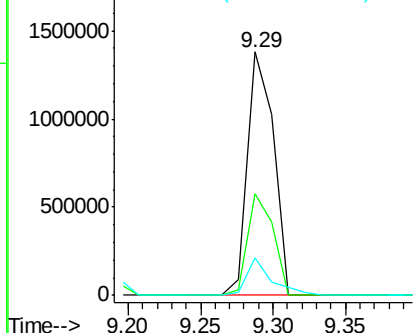
#45
 1,1'-Biphenyl
 Concen: 37.60 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF084507.D
 Acq: 15 Jan 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1716946
 Ion Ratio Lower Upper
 154 100
 153 41.6 21.6 61.6
 76 15.5 0.0 32.7

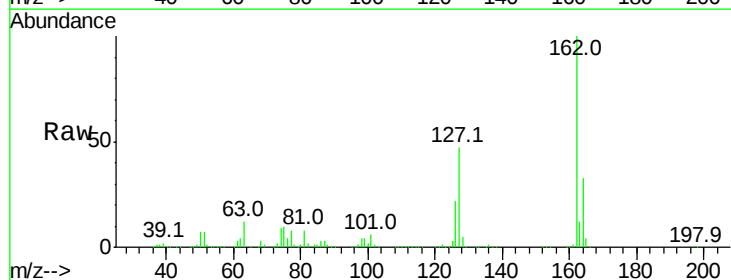


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

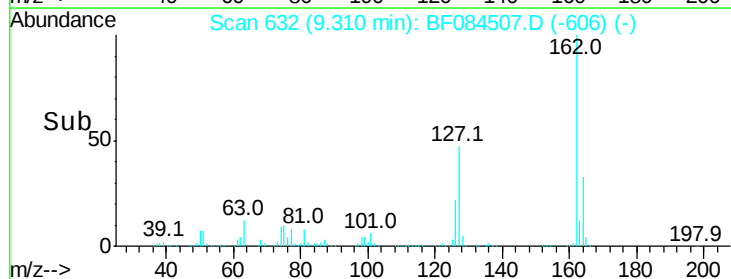
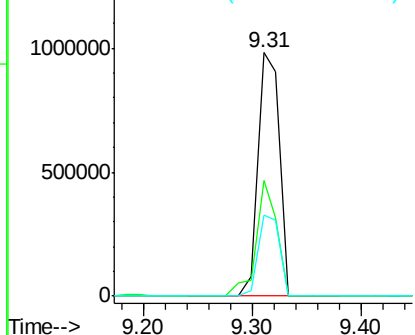


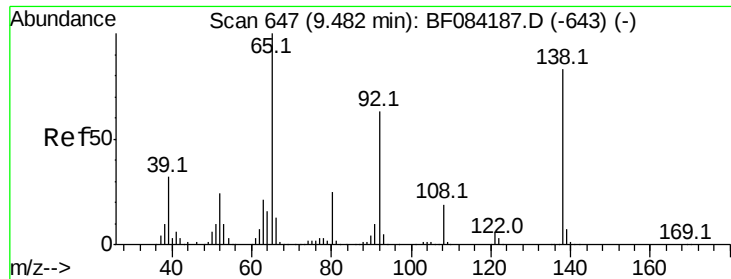
#46
 2-Chloronaphthalene
 Concen: 37.68 ng
 RT: 9.31 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF084507.D
 Acq: 15 Jan 2016 22:50

Tgt Ion:162 Resp: 1351302
 Ion Ratio Lower Upper
 162 100
 127 47.4 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

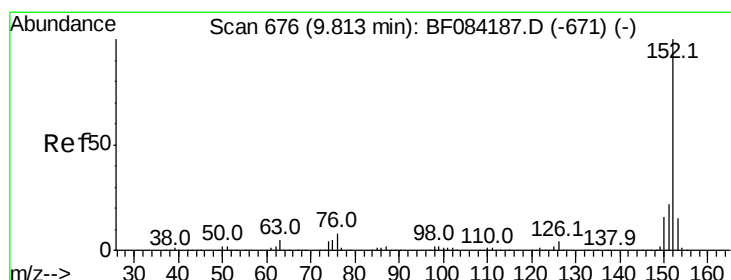
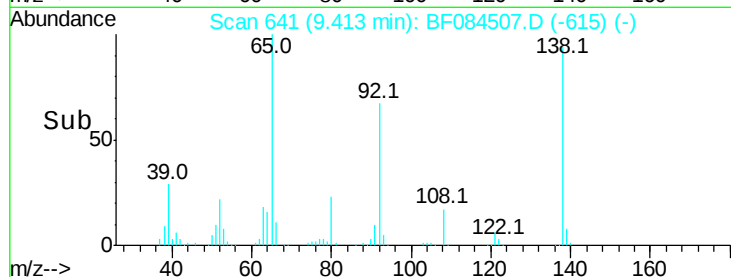
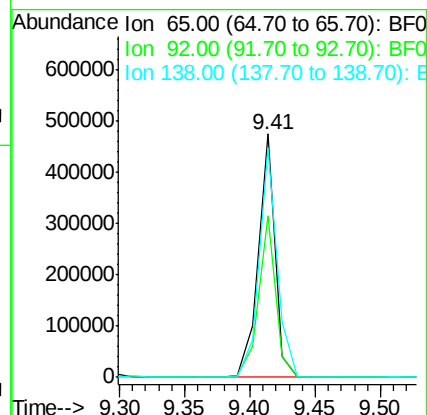
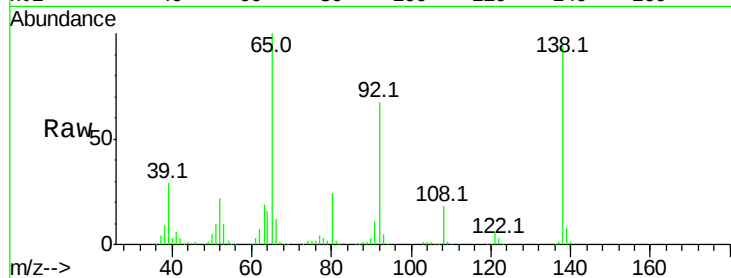




#47
2-Nitroaniline
Concen: 36.17 ng
RT: 9.41 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

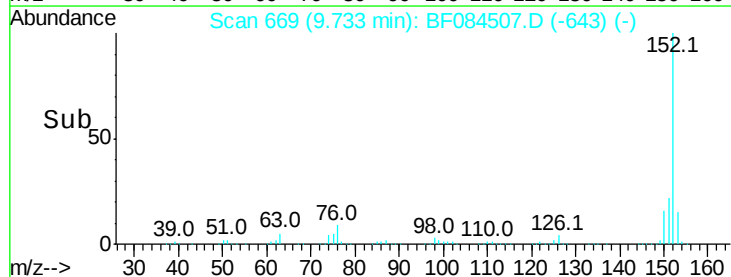
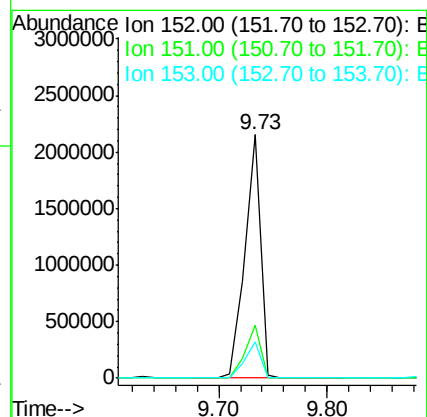
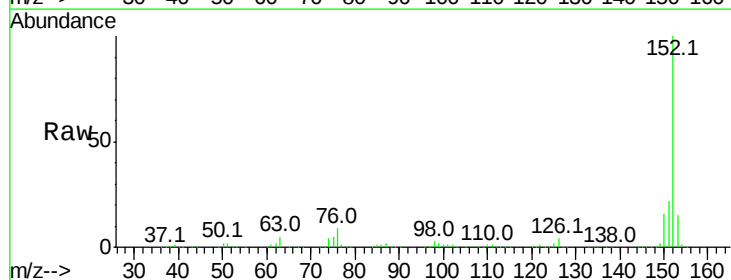
Instrument :
BNA_F
ClientSampleId :

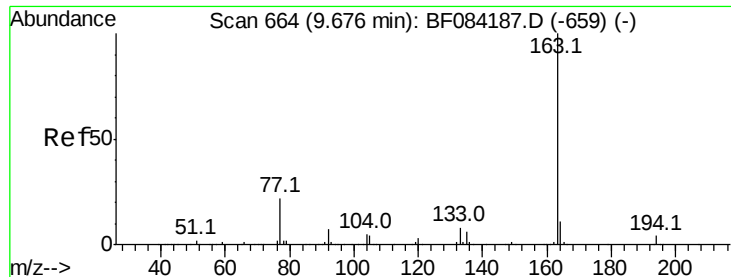
Tot Ion: 65 Resp: 428201
Ion Ratio Lower Upper
65 100
92 66.6 53.4 80.2
138 94.3 71.1 106.7



#48
Acenaphthylene
Concen: 39.75 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

Tgt Ion: 152 Resp: 2106278
Ion Ratio Lower Upper
152 100
151 21.8 16.3 24.5
153 14.9 10.4 15.6

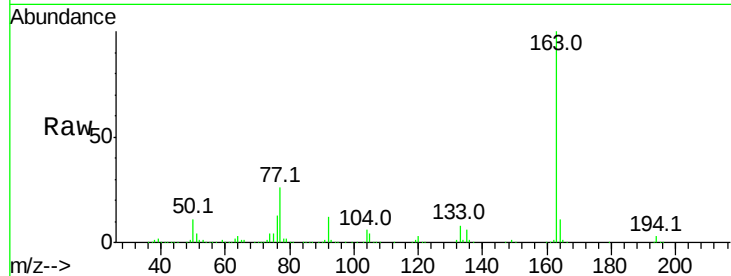




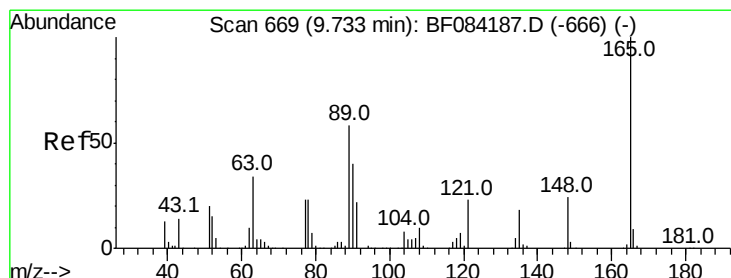
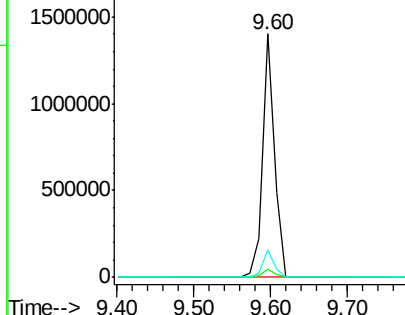
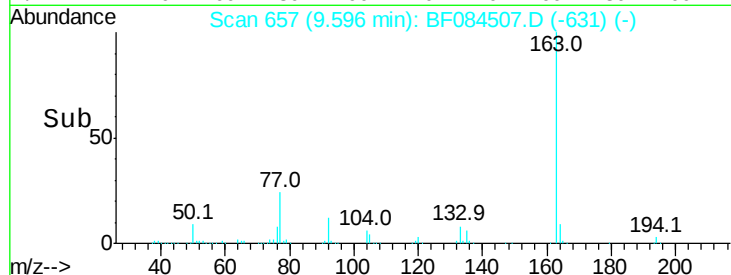
#49
Dimethylphthalate
Concen: 35.86 ng
RT: 9.60 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1472911
Ion Ratio Lower Upper
163 100
194 3.2 8.0 12.0#
164 11.0 8.0 12.0

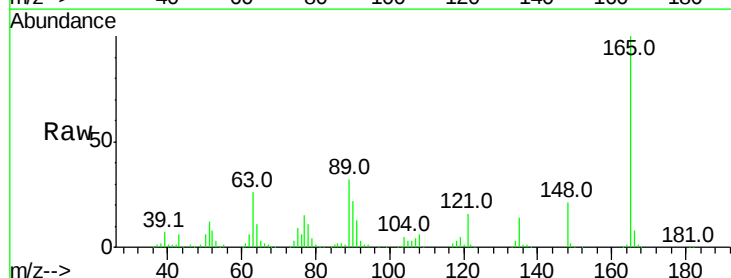


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

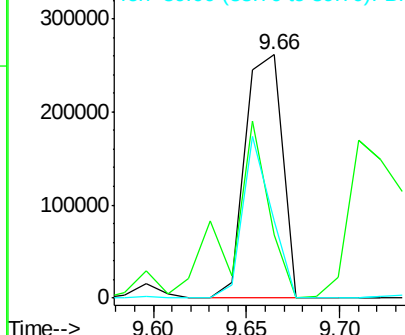
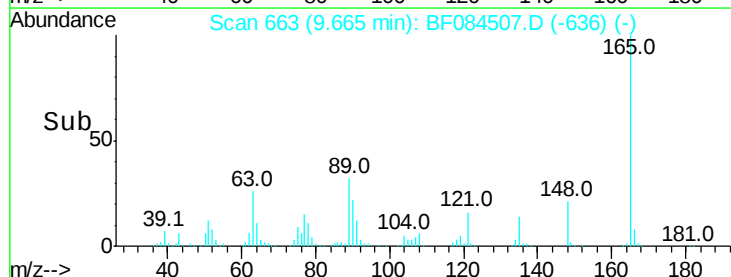


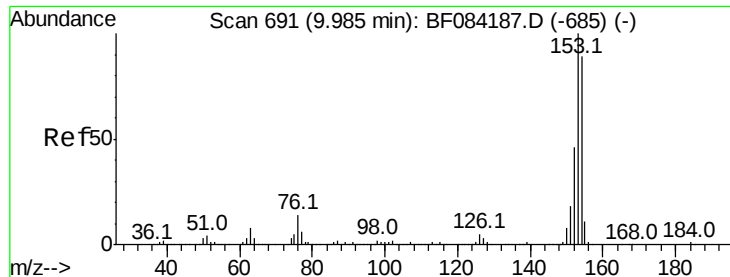
#50
2,6-Dinitrotoluene
Concen: 39.93 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.01 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

Tgt Ion:165 Resp: 359667
Ion Ratio Lower Upper
165 100
63 25.7 28.8 43.2#
89 31.9 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: 39.58 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

Instrument :

BNA_F

ClientSampleId :

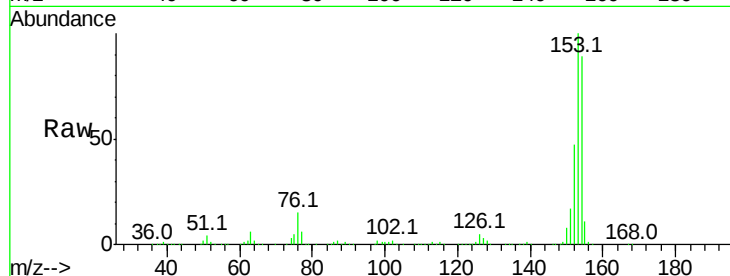
Tot Ion:154 Resp: 1406800

Ion Ratio Lower Upper

154 100

153 112.6 91.5 137.3

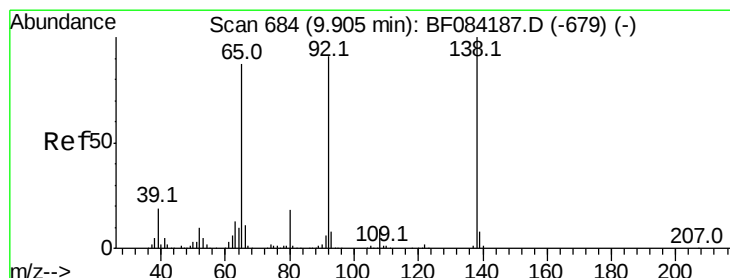
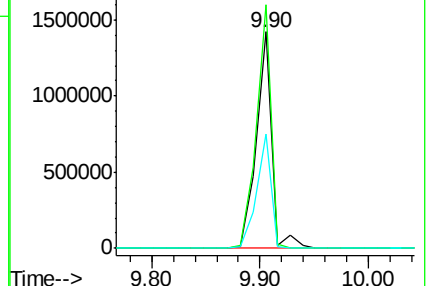
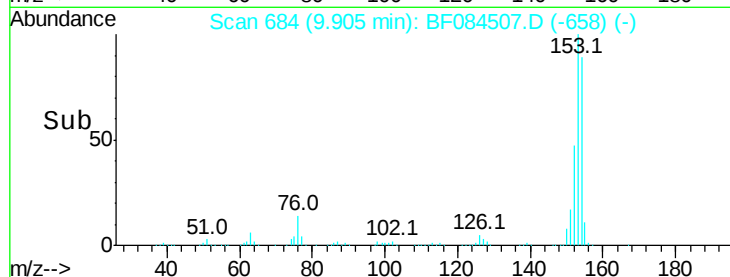
152 52.8 43.0 64.6



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: 34.37 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

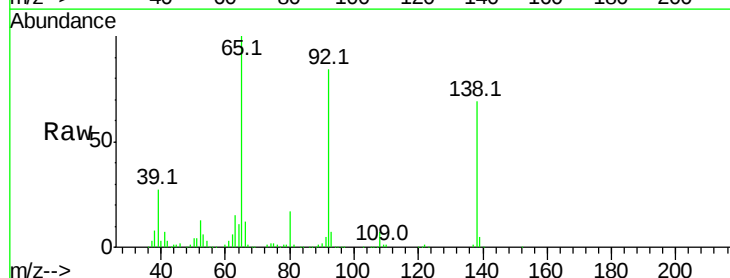
Tgt Ion:138 Resp: 383692

Ion Ratio Lower Upper

138 100

108 10.6 10.5 15.7

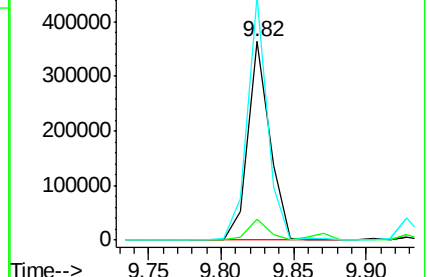
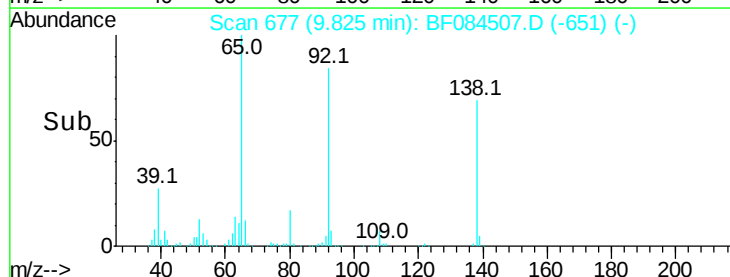
92 122.6 103.9 155.9

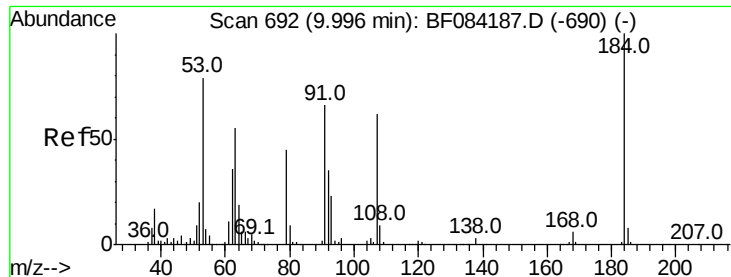


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

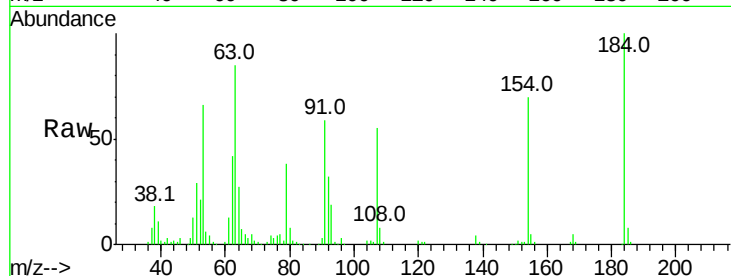




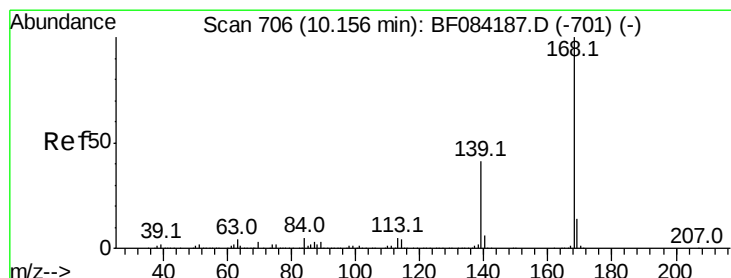
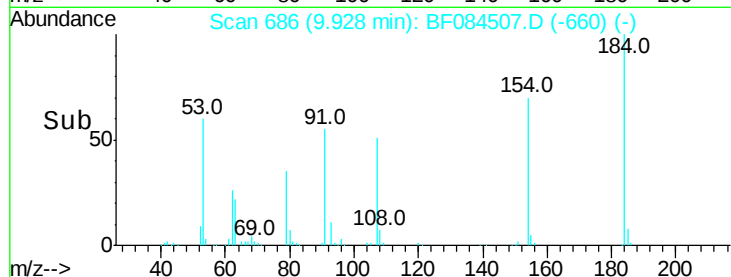
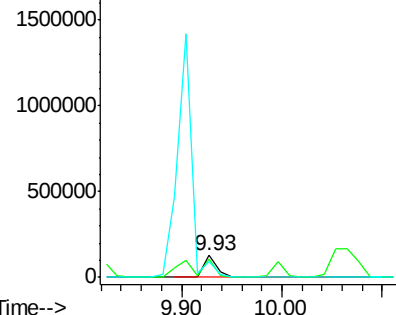
#53
2,4-Dinitrophenol
Concen: 34.55 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 124468
Ion Ratio Lower Upper
184 100
63 85.5 43.1 64.7#
154 70.1 60.5 90.7

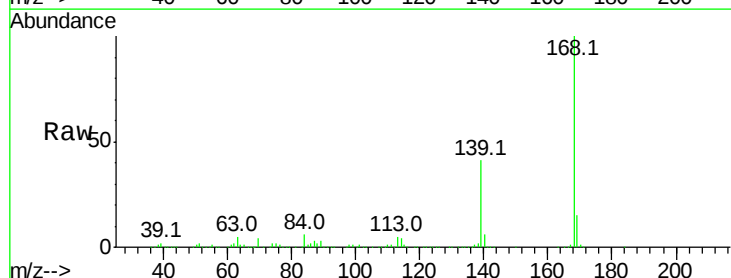


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

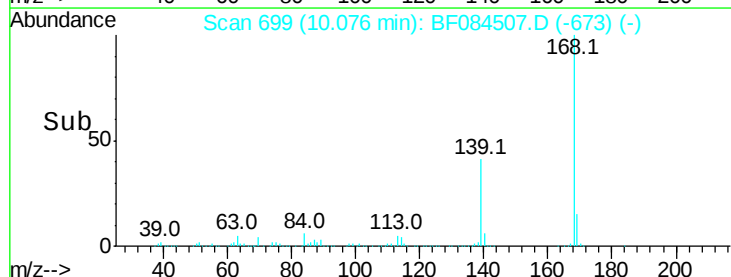
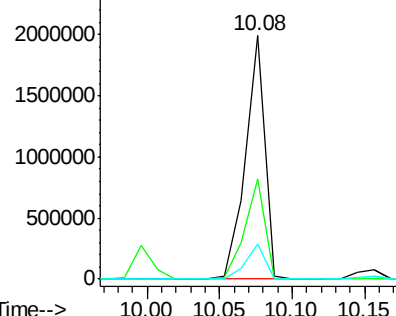


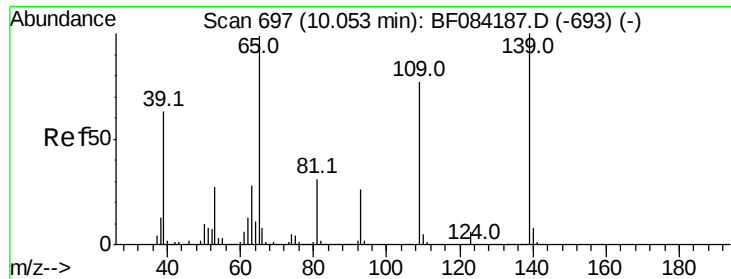
#54
Dibenzofuran
Concen: 39.66 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

Tgt Ion:168 Resp: 1841825
Ion Ratio Lower Upper
168 100
139 41.4 30.5 45.7
169 14.5 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

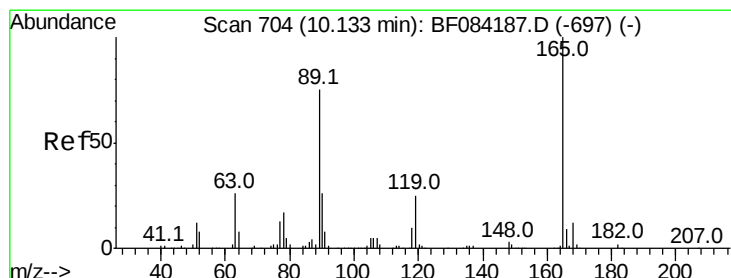
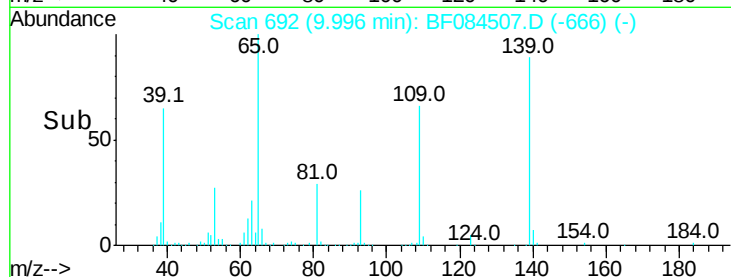
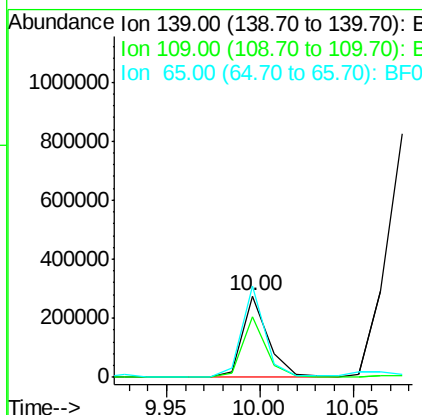
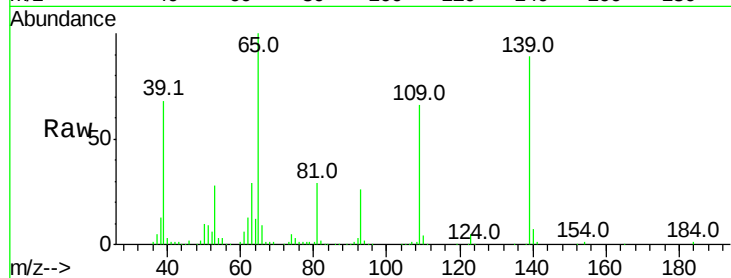




#55
4-Nitrophenol
Concen: 32.96 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

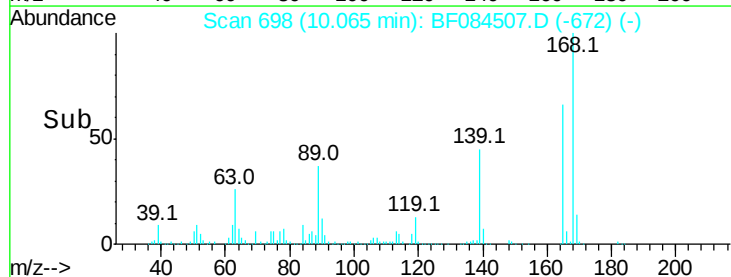
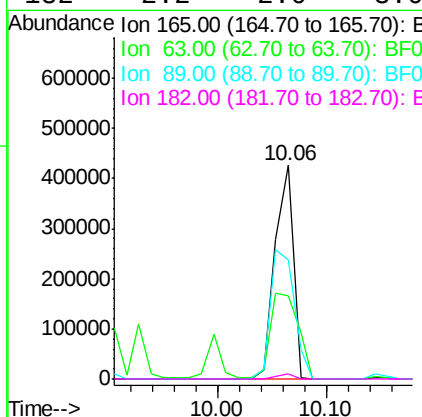
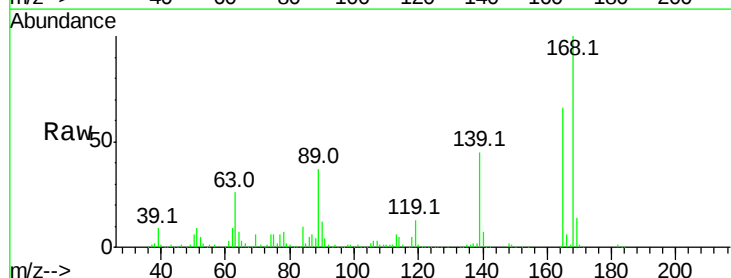
Instrument :
BNA_F
ClientSampleId :

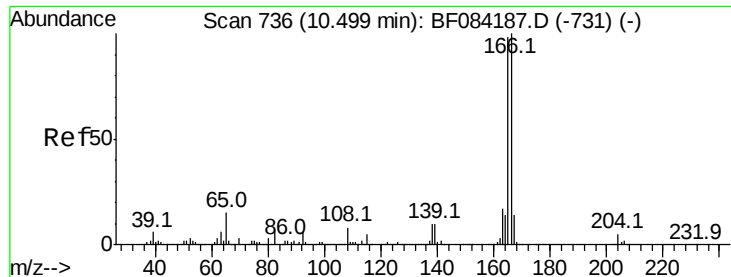
Tot Ion:139 Resp: 267107
Ion Ratio Lower Upper
139 100
109 73.7 58.5 98.5
65 112.4 57.6 97.6#



#56
2,4-Dinitrotoluene
Concen: 43.59 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

Tgt Ion:165 Resp: 497027
Ion Ratio Lower Upper
165 100
63 39.2 36.7 55.1
89 55.6 61.9 92.9#
182 2.2 2.0 3.0

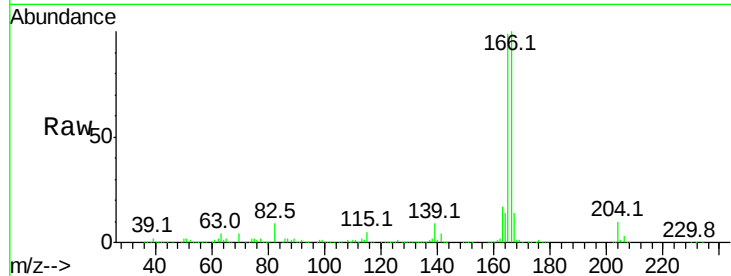




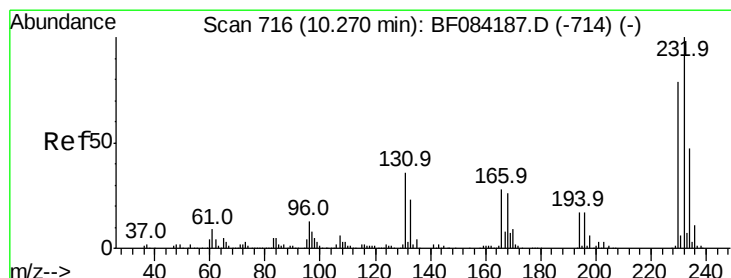
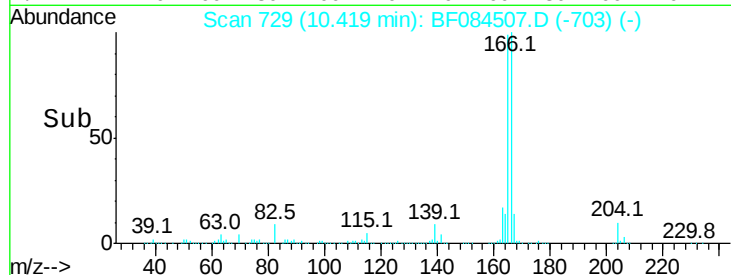
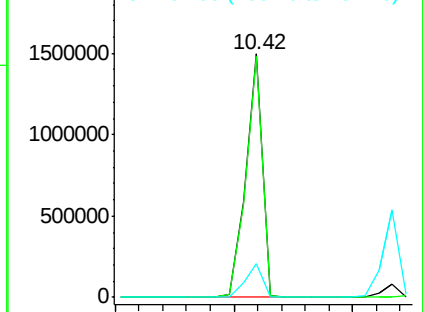
#57
 Fluorene
 Concen: 40.62 ng
 RT: 10.42 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF084507.D
 Acq: 15 Jan 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 1454351
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.1 118.7
 167 13.7 10.4 15.6

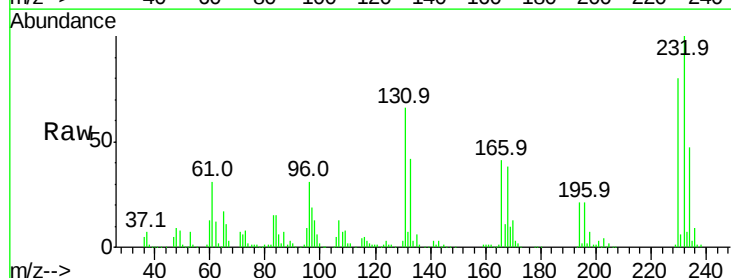


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

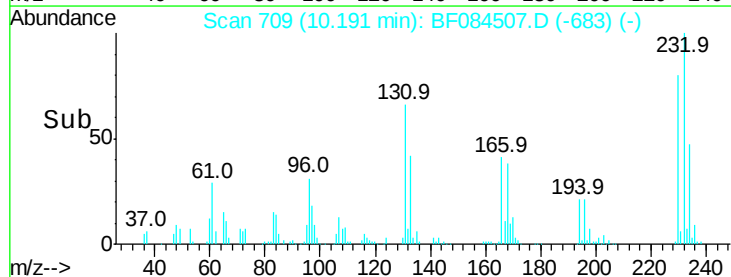
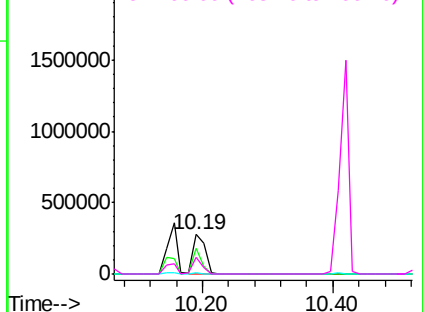


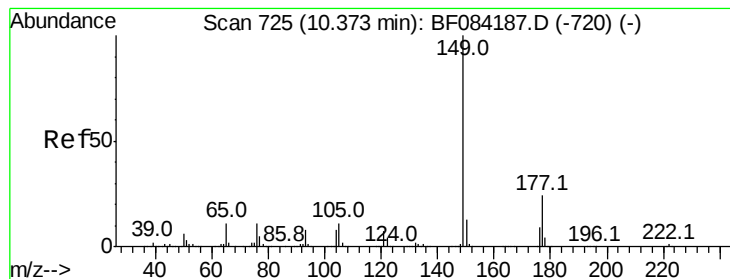
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.92 ng
 RT: 10.19 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF084507.D
 Acq: 15 Jan 2016 22:50

Tgt Ion:232 Resp: 353198
 Ion Ratio Lower Upper
 232 100
 131 48.1 47.0 70.6
 130 2.4 2.0 3.0
 166 32.0 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: 35.79 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

Instrument :

BNA_F

ClientSampleId :

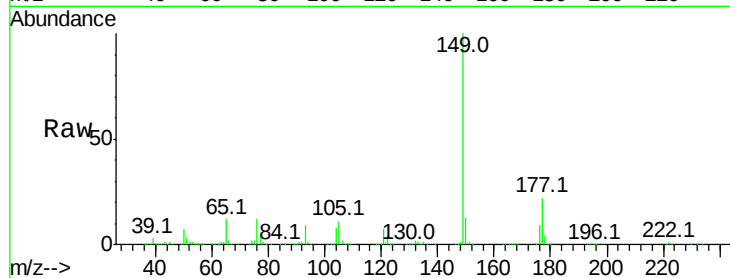
Tot Ion:149 Resp: 1449275

Ion Ratio Lower Upper

149 100

177 21.7 17.3 25.9

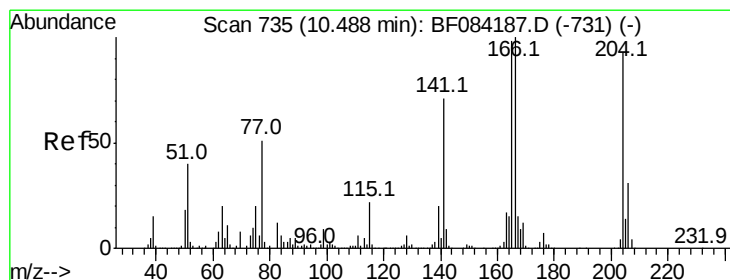
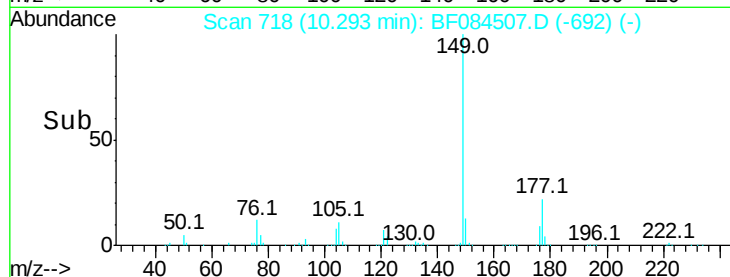
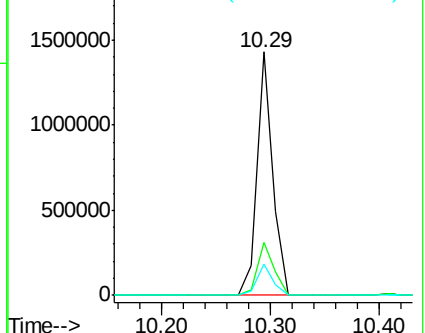
150 12.9 9.8 14.8



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: 38.22 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

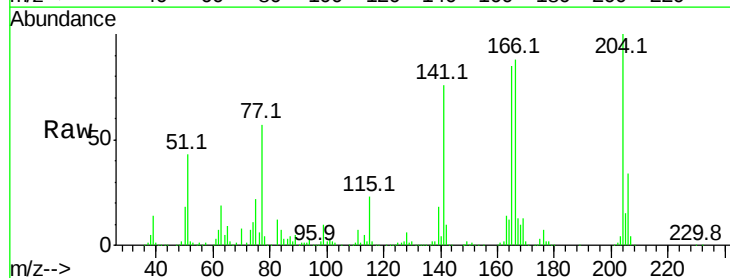
Tgt Ion:204 Resp: 591962

Ion Ratio Lower Upper

204 100

206 33.6 25.7 38.5

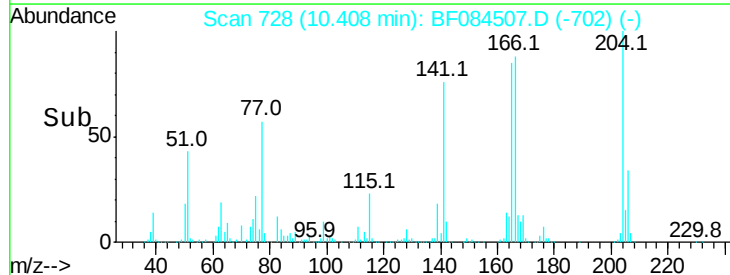
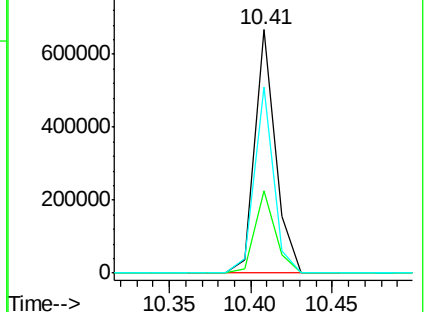
141 76.2 55.1 82.7

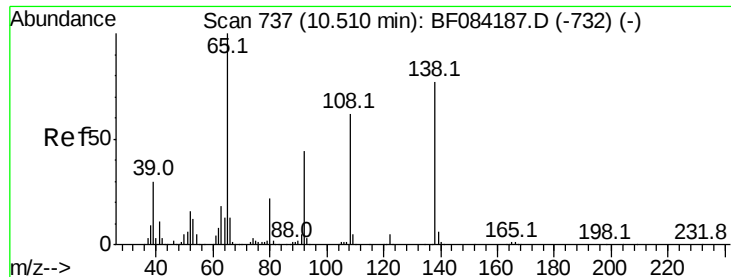


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

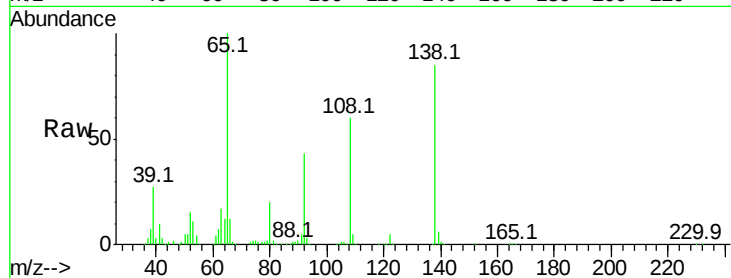




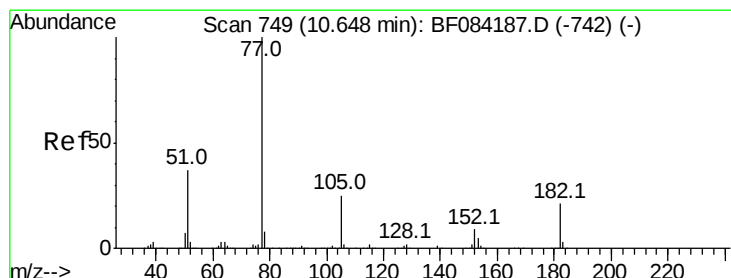
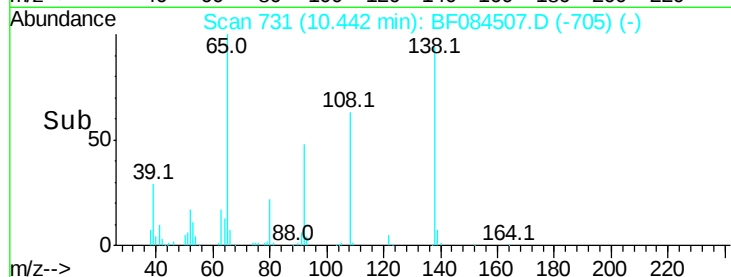
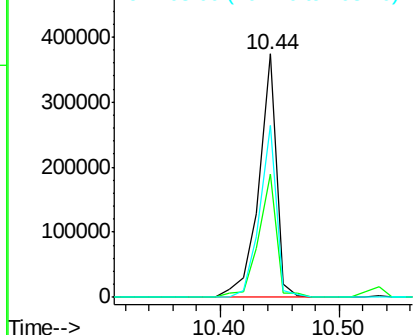
#61
4-Nitroaniline
Concen: 39.33 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 391321
Ion Ratio Lower Upper
138 100
92 50.9 32.6 72.6
108 70.5 68.6 108.6

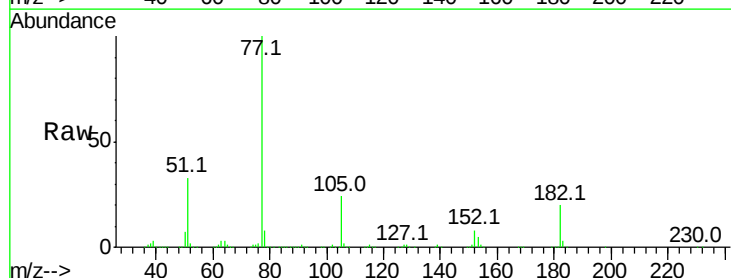


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

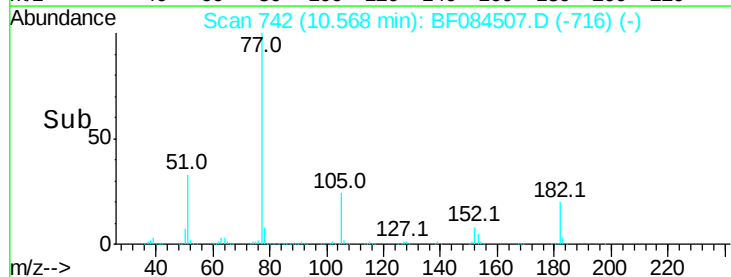
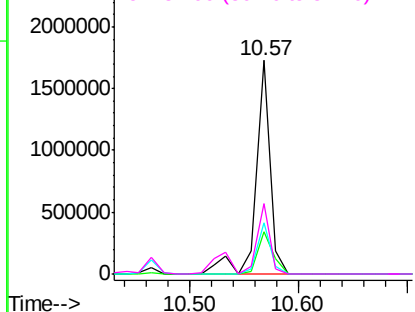


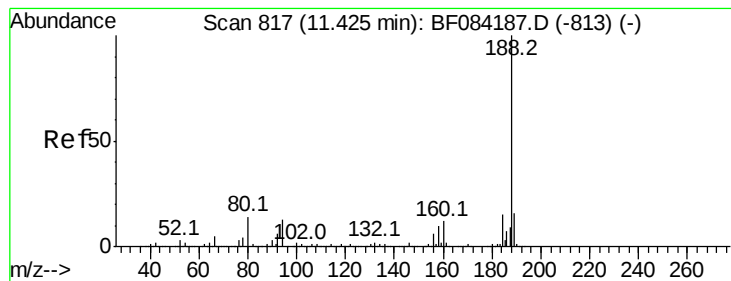
#62
Azobenzene
Concen: 36.03 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

Tgt Ion: 77 Resp: 1600398
Ion Ratio Lower Upper
77 100
182 19.8 8.3 48.3
105 24.0 4.6 44.6
51 32.9 6.2 46.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

Instrument :

BNA_F

ClientSampleId :

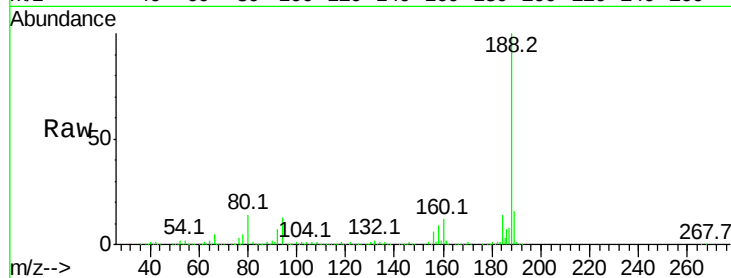
Tot Ion:188 Resp: 962032

Ion Ratio Lower Upper

188 100

94 13.0 9.0 13.4

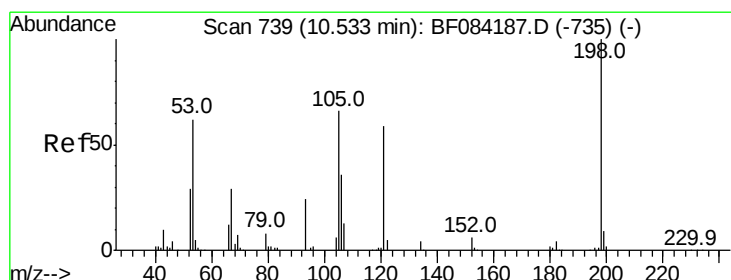
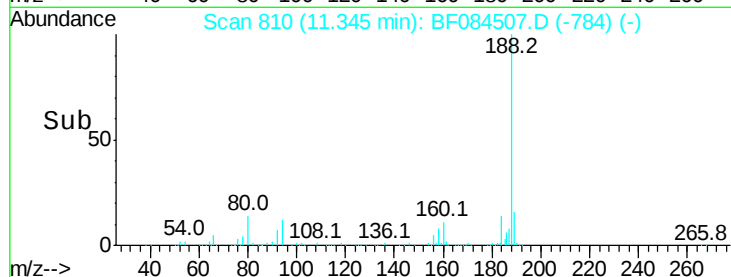
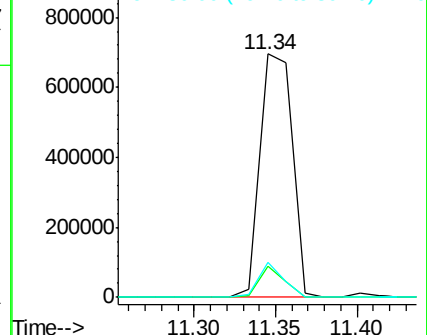
80 14.5 9.6 14.4#



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: 30.52 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

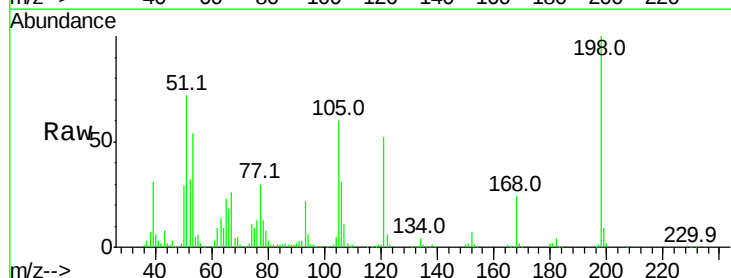
Tgt Ion:198 Resp: 176574

Ion Ratio Lower Upper

198 100

51 71.6 18.9 58.9#

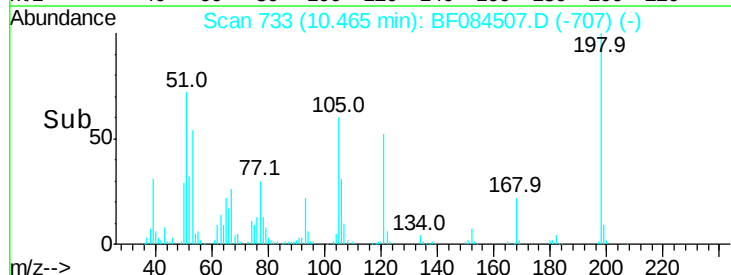
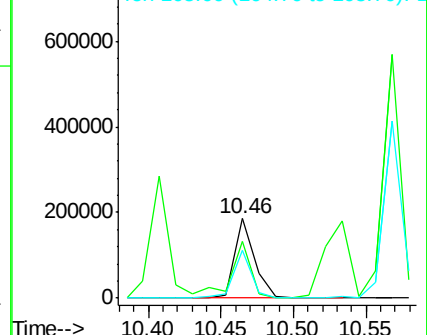
105 60.1 26.4 66.4

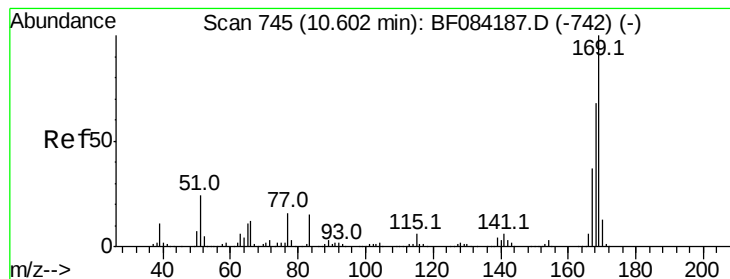


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.29 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

Instrument :

BNA_F

ClientSampleId :

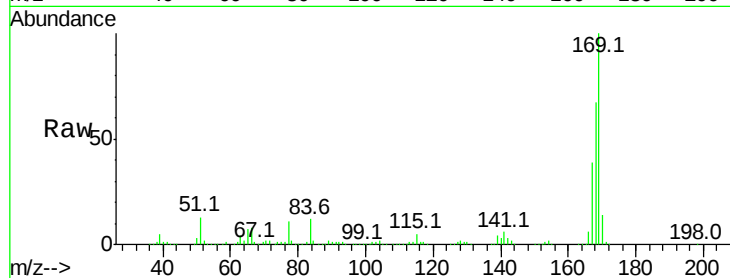
Tot Ion:169 Resp: 1300762

Ion Ratio Lower Upper

169 100

168 67.0 55.1 82.7

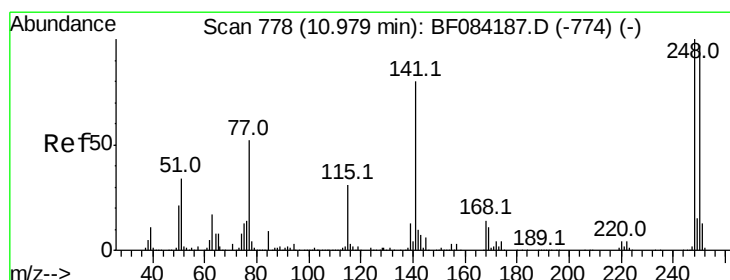
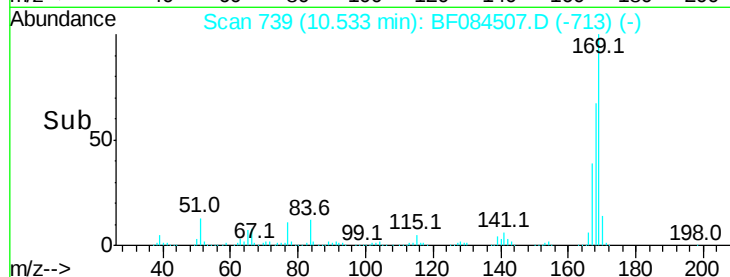
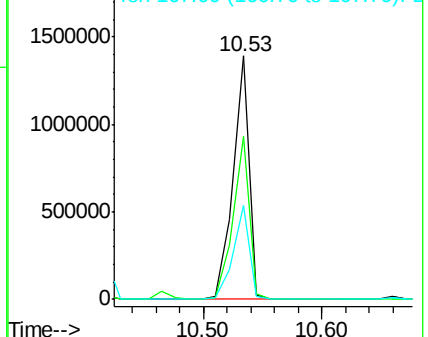
167 38.7 30.0 45.0



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: 39.70 ng

RT: 10.90 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

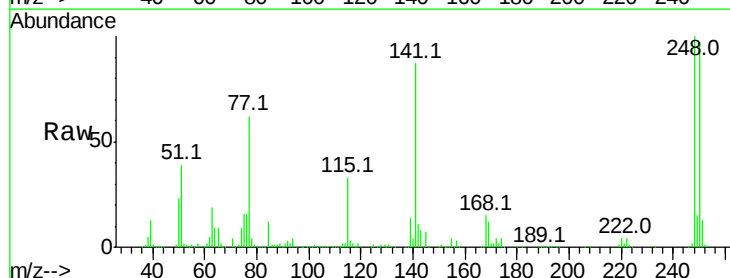
Tgt Ion:248 Resp: 411065

Ion Ratio Lower Upper

248 100

250 96.8 78.4 117.6

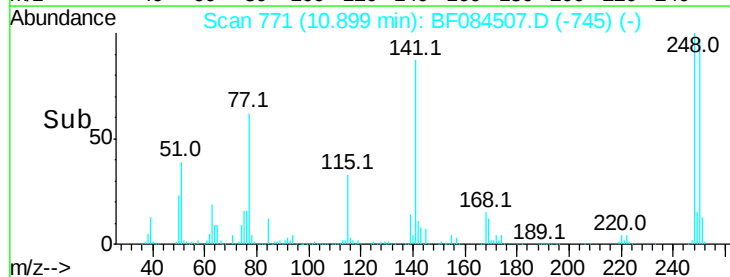
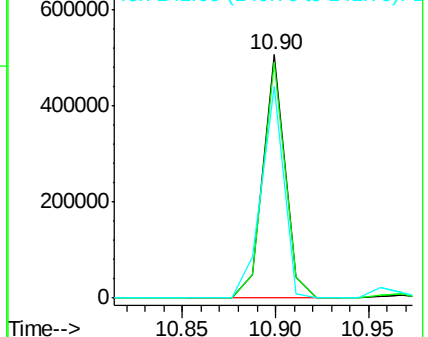
141 87.1 44.0 66.0#

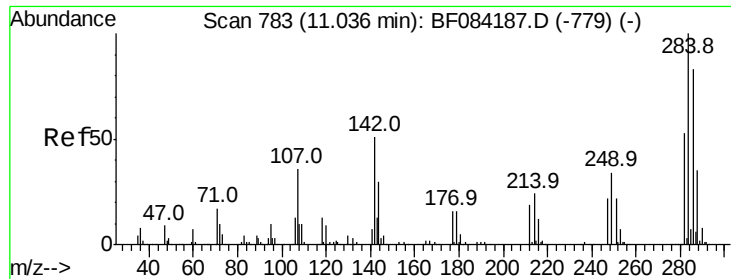


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

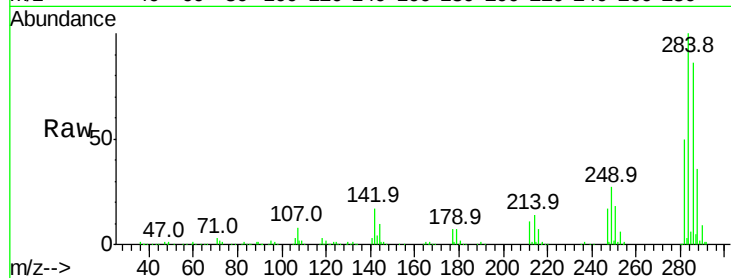




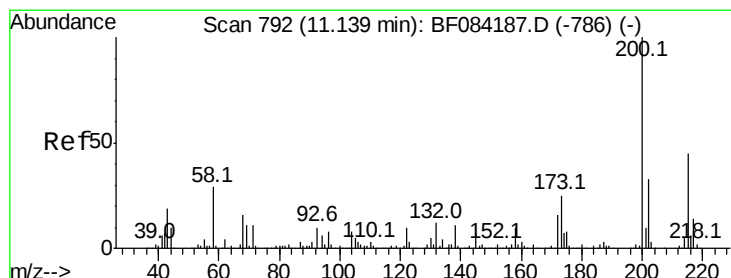
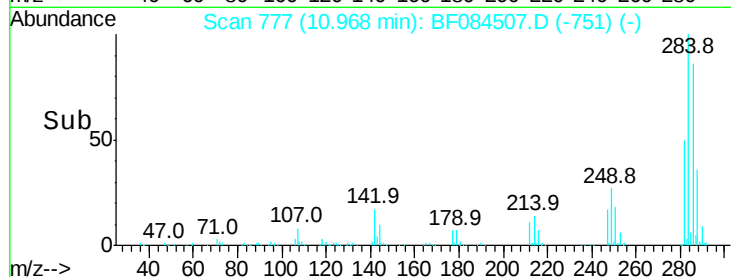
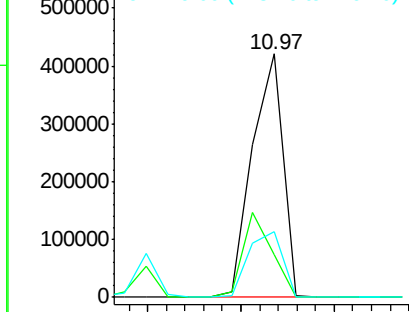
#67
Hexachlorobenzene
Concen: 40.91 ng
RT: 10.97 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 476783
Ion Ratio Lower Upper
284 100
142 17.3 22.2 33.4#
249 27.2 24.6 37.0

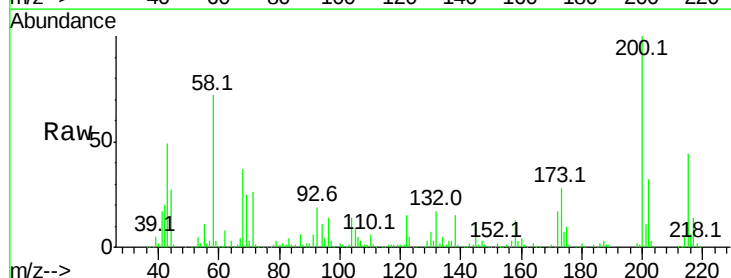


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

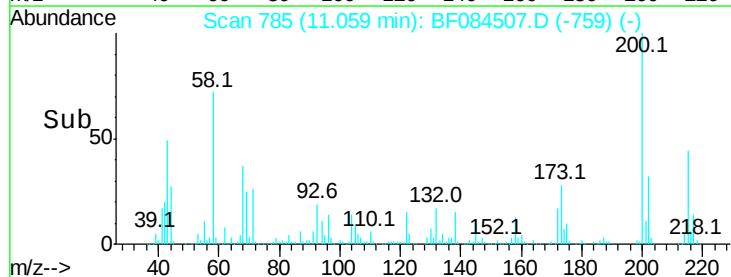
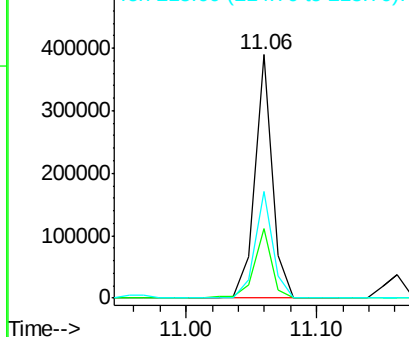


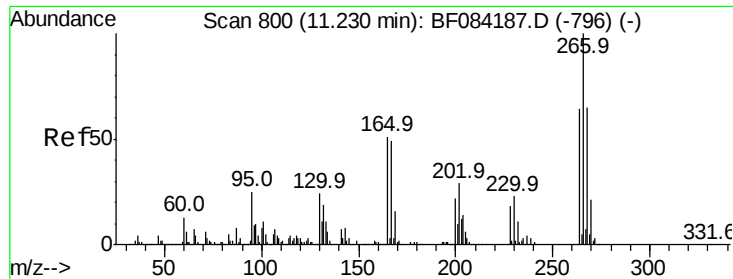
#68
Atrazine
Concen: 35.98 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

Tgt Ion:200 Resp: 362191
Ion Ratio Lower Upper
200 100
173 28.4 9.5 49.5
215 43.8 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

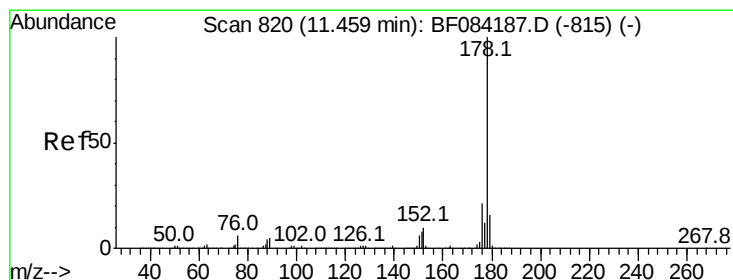
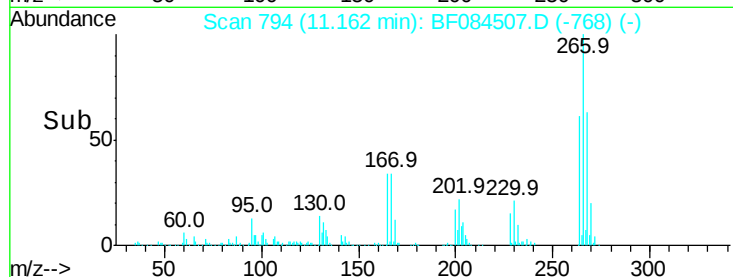
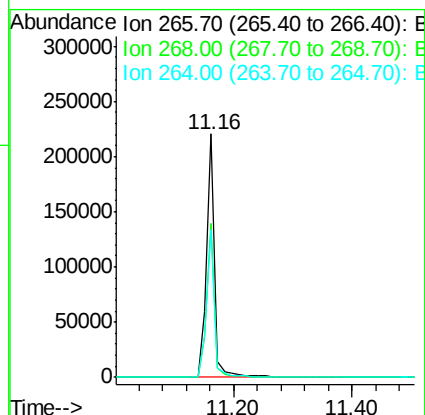
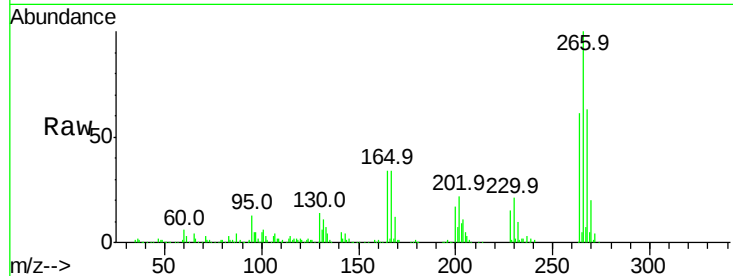




#69
 Pentachlorophenol
 Concen: 36.01 ng
 RT: 11.16 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF084507.D
 Acq: 15 Jan 2016 22:50

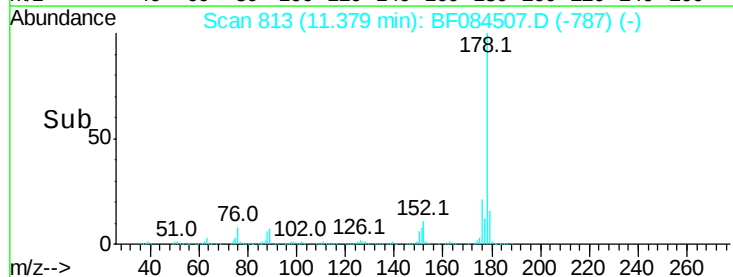
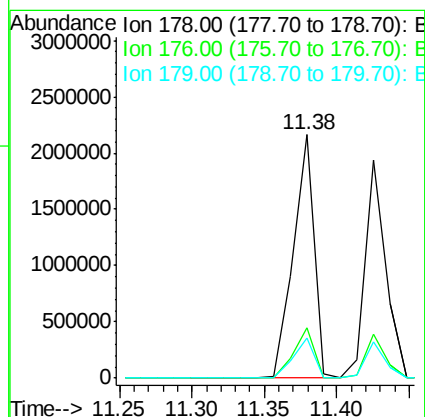
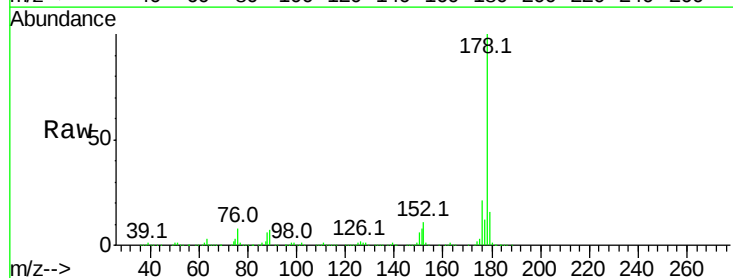
Instrument :
 BNA_F
 ClientSampleId :

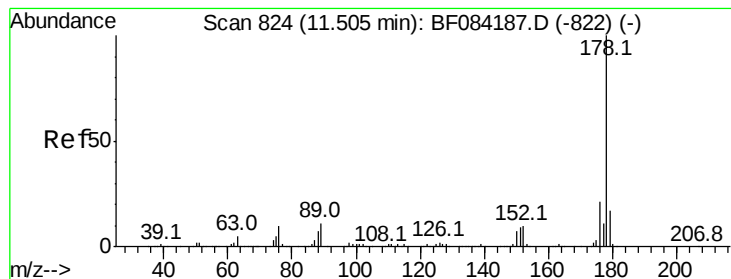
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	52.4	78.6
264	60.8	50.2	75.2



#70
 Phenanthrene
 Concen: 42.60 ng
 RT: 11.38 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF084507.D
 Acq: 15 Jan 2016 22:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.3	22.9
179	16.5	12.0	18.0





#71

Anthracene

Concen: 38.62 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

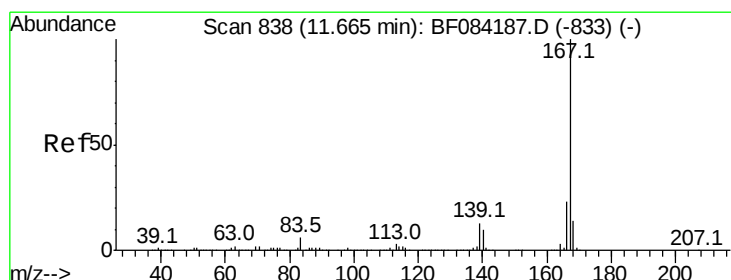
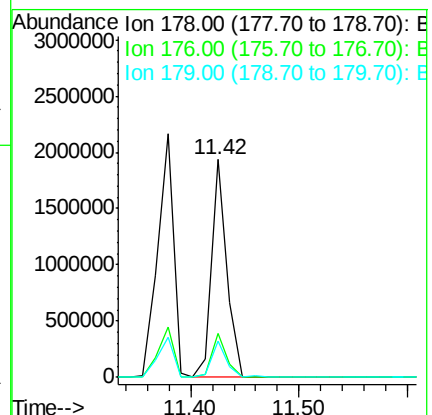
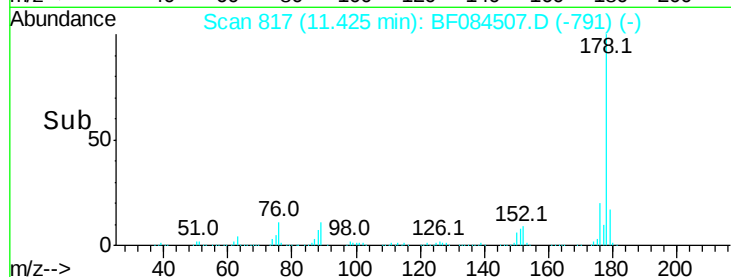
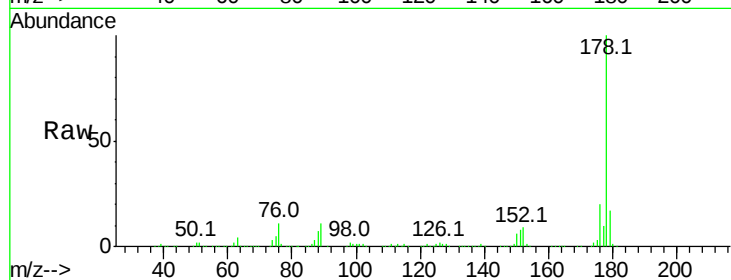
Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1905047

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.0
179	16.8	12.5	18.7



#72

Carbazole

Concen: 34.97 ng

RT: 11.58 min Scan# 831

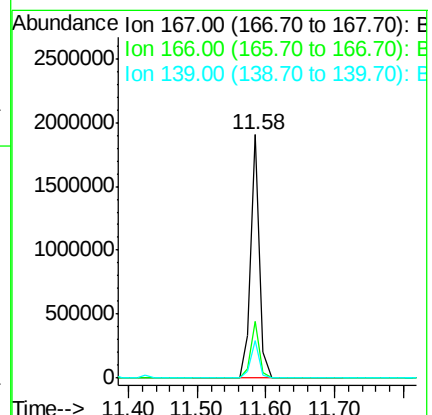
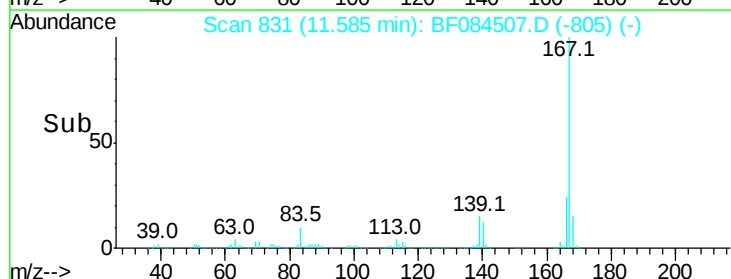
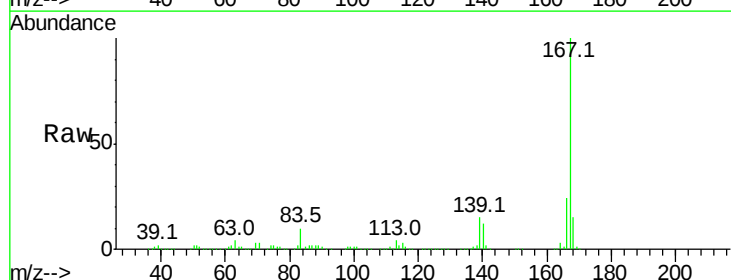
Delta R.T. 0.00 min

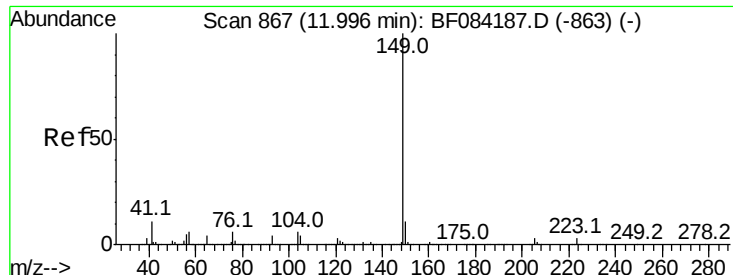
Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

Tgt Ion:167 Resp: 1686310

Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.6	26.4
139	15.4	11.8	17.8





#73

Di-n-butylphthalate

Concen: 40.24 ng

RT: 11.92 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

Instrument :

BNA_F

ClientSampleId :

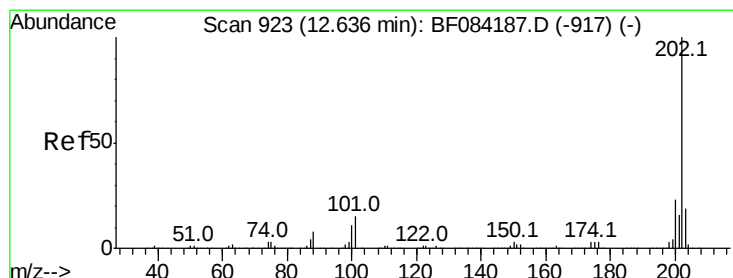
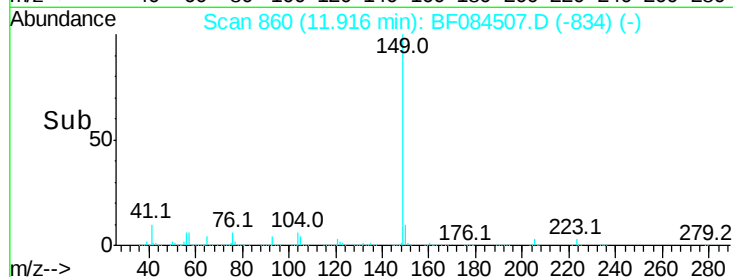
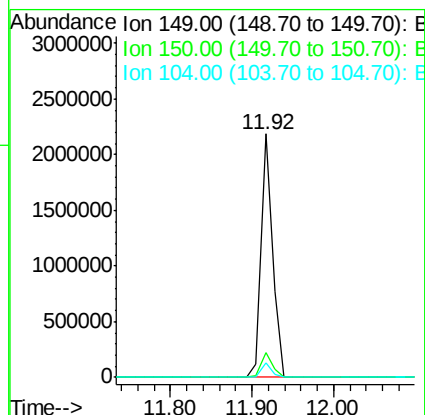
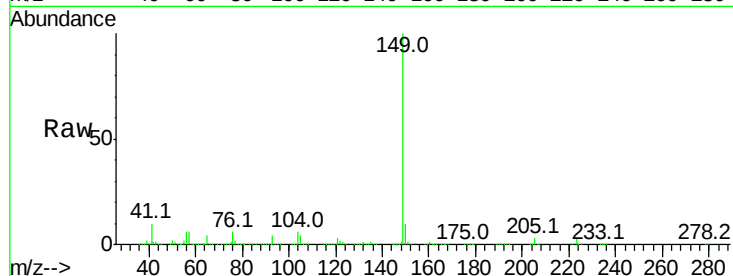
Tot Ion:149 Resp: 2120580

Ion Ratio Lower Upper

149 100

150 10.3 7.1 10.7

104 6.0 3.2 4.8#



#74

Fluoranthene

Concen: 36.75 ng

RT: 12.56 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

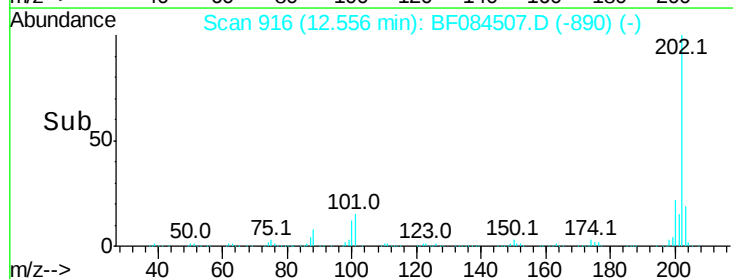
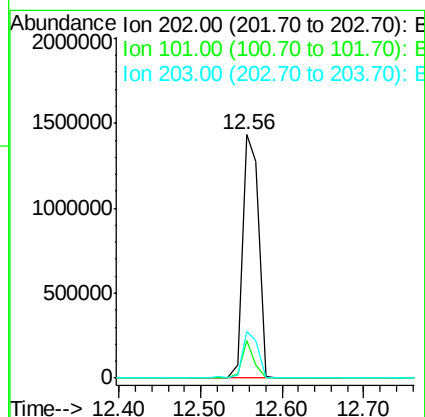
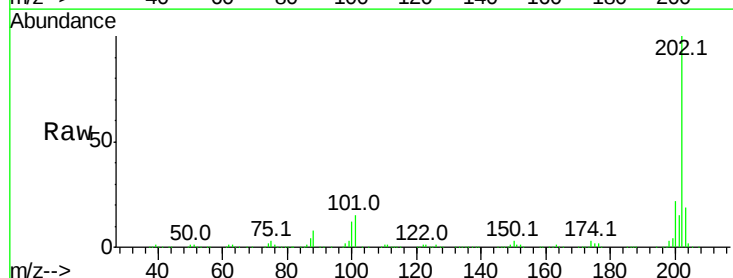
Tgt Ion:202 Resp: 1931911

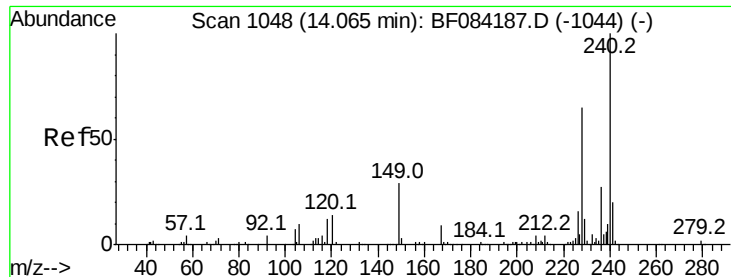
Ion Ratio Lower Upper

202 100

101 15.2 0.0 32.8

203 19.2 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

Instrument :

BNA_F

ClientSampleId :

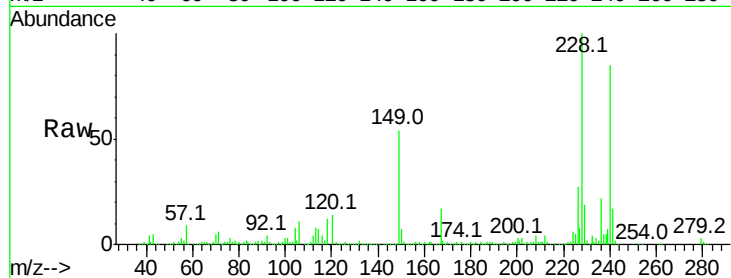
Tot Ion:240 Resp: 620033

Ion Ratio Lower Upper

240 100

120 16.7 9.5 14.3#

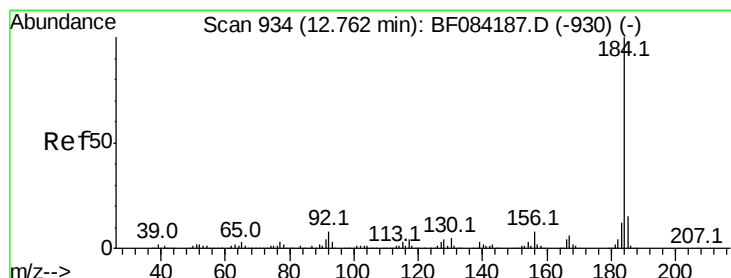
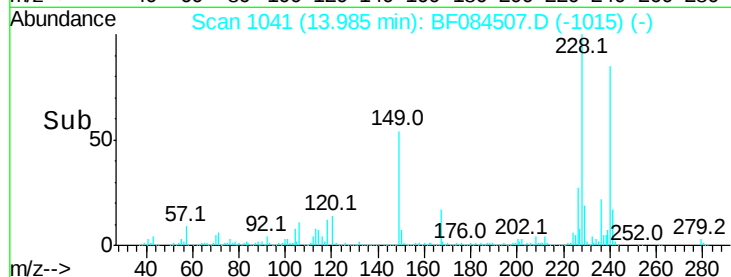
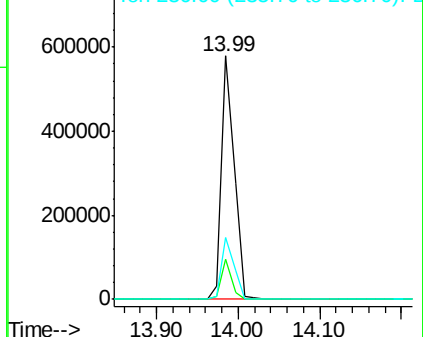
236 25.4 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.88 ng

RT: 12.68 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

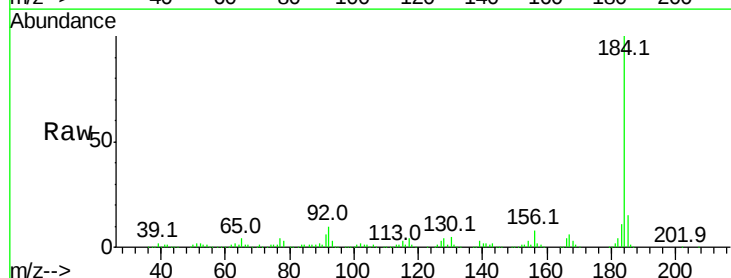
Tgt Ion:184 Resp: 797558

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

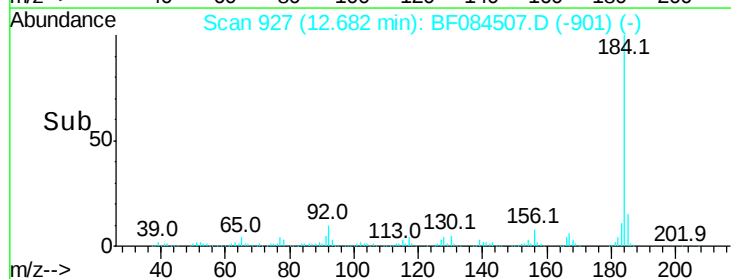
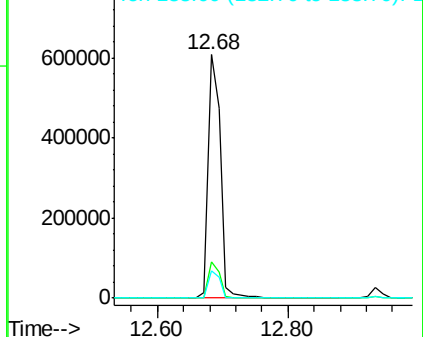
183 11.4 9.8 14.8

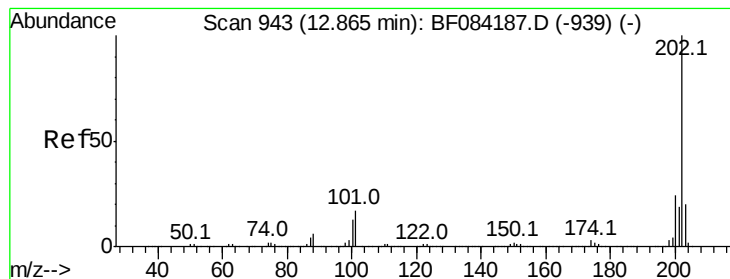


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.37 ng

RT: 12.79 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

Instrument :

BNA_F

ClientSampleId :

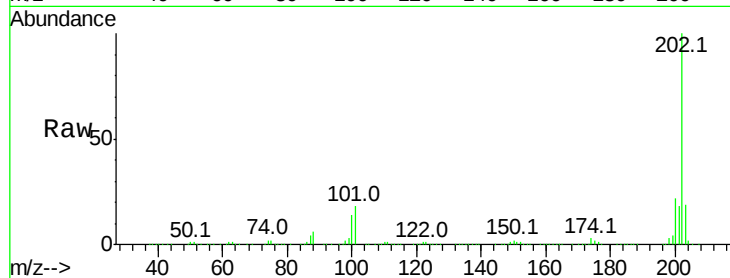
Tot Ion:202 Resp: 1915650

Ion Ratio Lower Upper

202 100

200 22.3 17.2 25.8

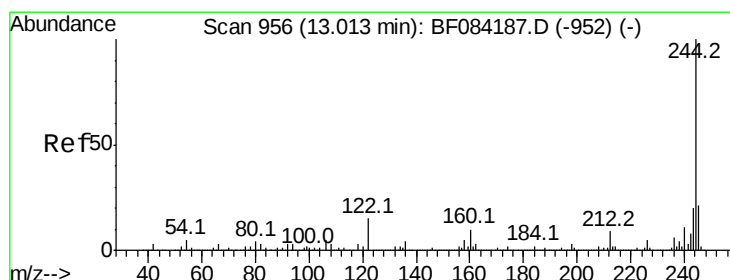
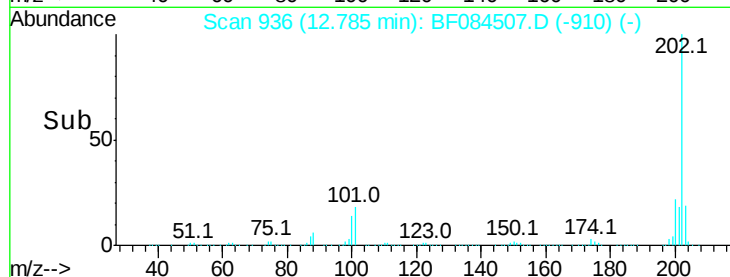
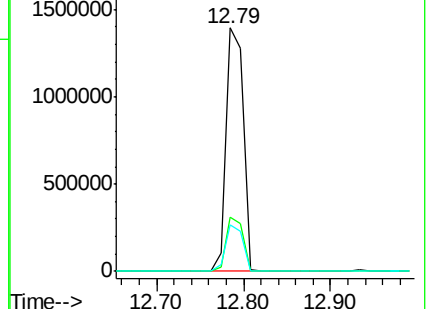
203 19.2 14.3 21.5



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: 77.31 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

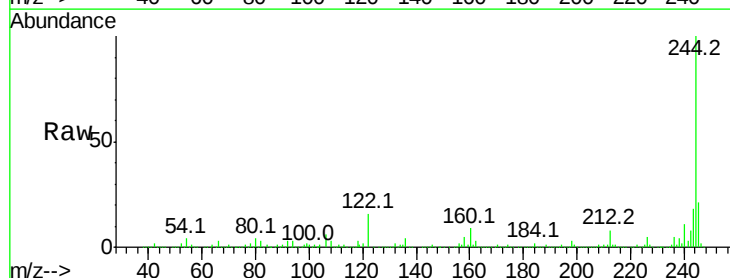
Tgt Ion:244 Resp: 2147426

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

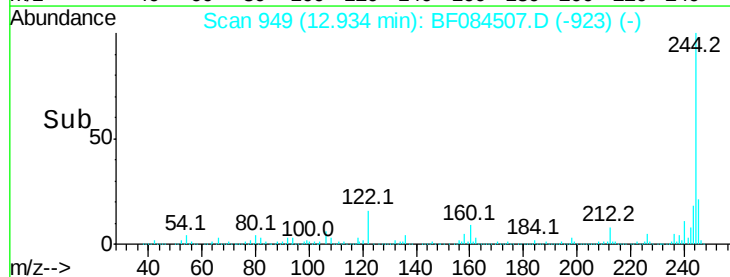
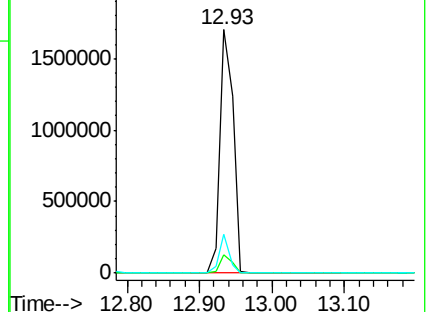
122 16.0 7.4 11.0#

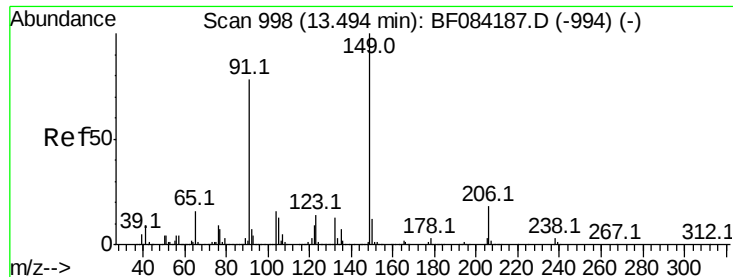


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

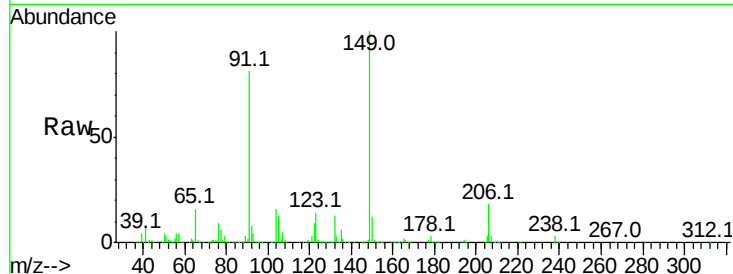




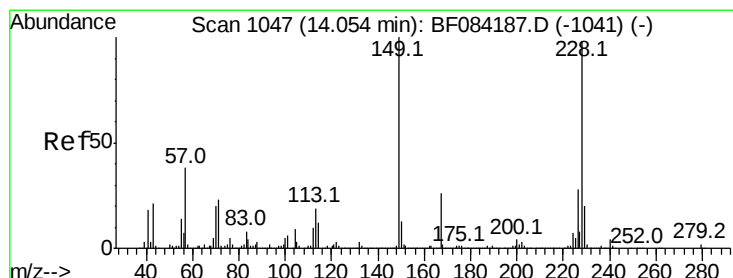
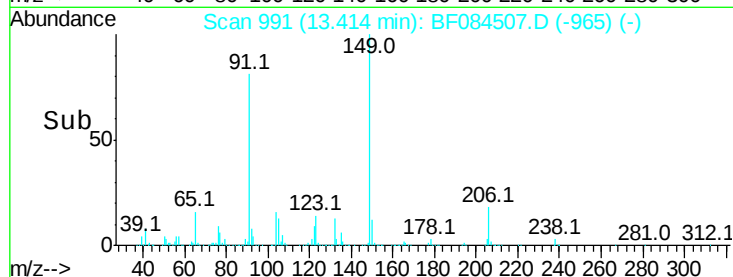
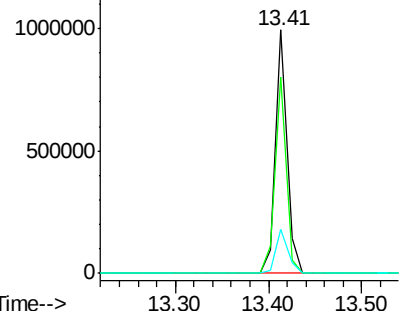
#79
Butylbenzylphthalate
Concen: 40.35 ng
RT: 13.41 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 849472
Ion Ratio Lower Upper
149 100
91 80.6 57.6 86.4
206 17.9 13.2 19.8

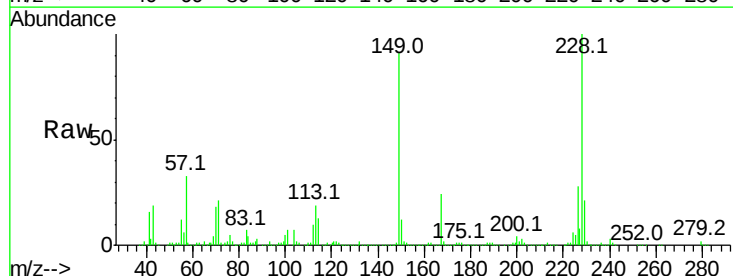


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

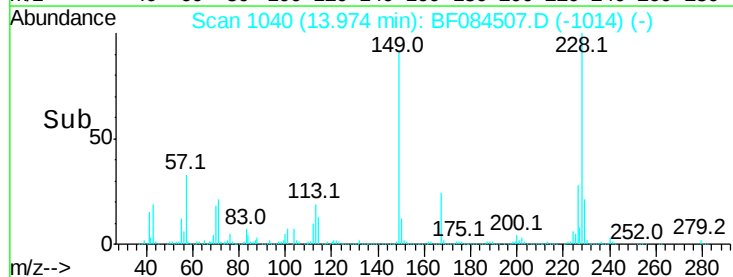
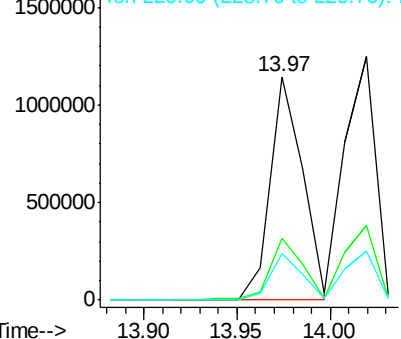


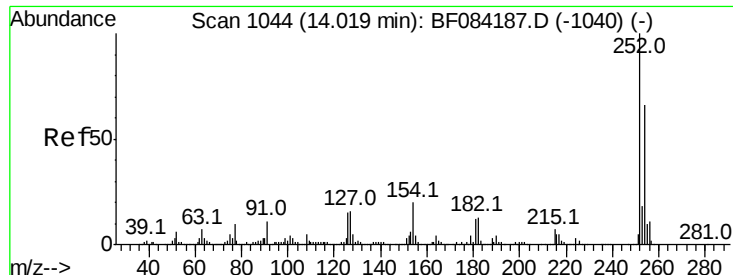
#80
Benzo(a)anthracene
Concen: 38.23 ng
RT: 13.97 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

Tgt Ion:228 Resp: 1391693
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.6
229 20.7 15.8 23.8



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

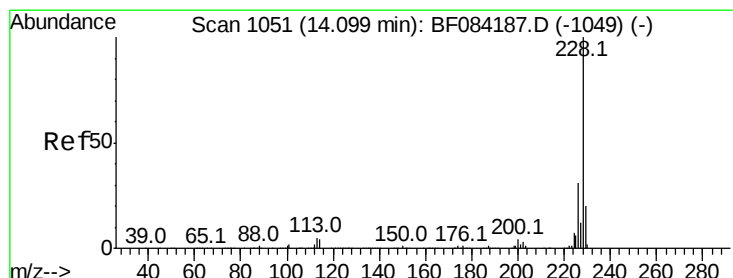
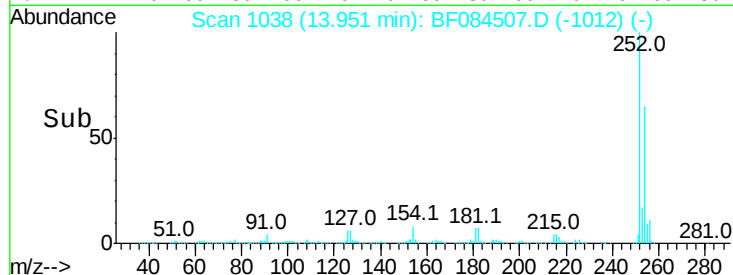
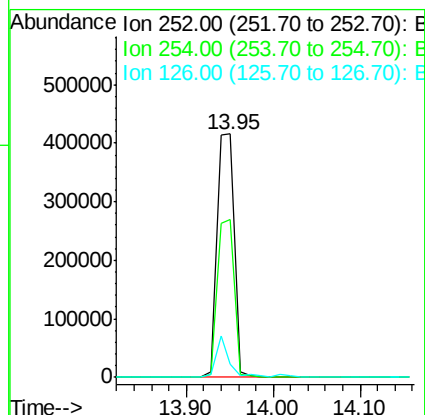
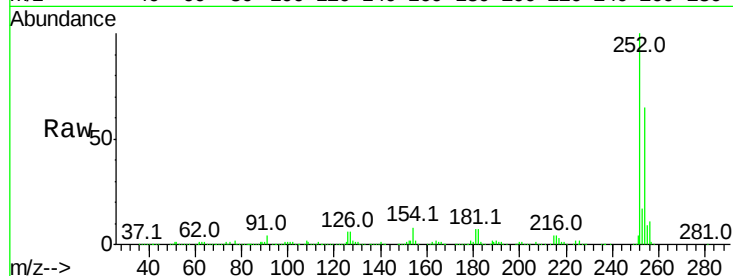




#81
 3,3'-Dichlorobenzidine
 Concen: 46.39 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF084507.D
 Acq: 15 Jan 2016 22:50

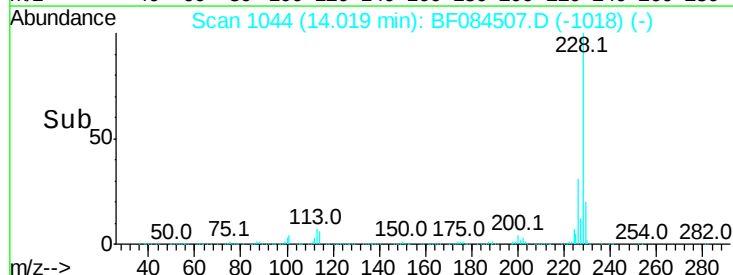
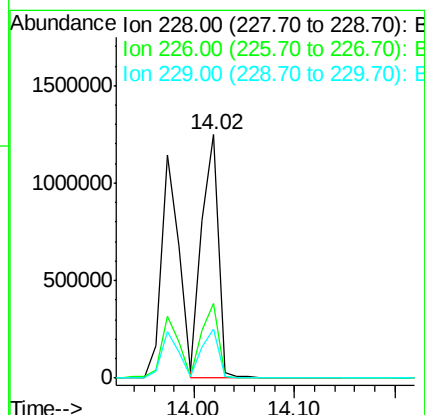
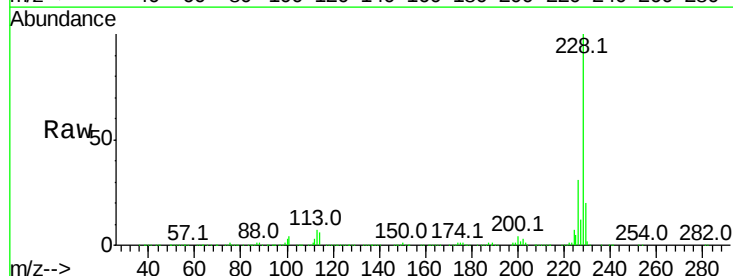
Instrument :
 BNA_F
 ClientSampleId :

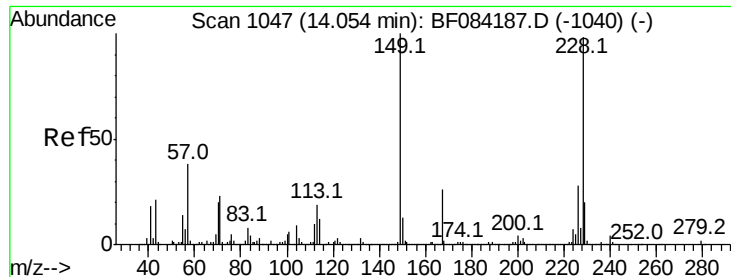
Tot Ion:252 Resp: 589412
 Ion Ratio Lower Upper
 252 100
 254 64.9 53.5 80.3
 126 5.5 4.9 7.3



#82
 Chrysene
 Concen: 41.31 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084507.D
 Acq: 15 Jan 2016 22:50

Tgt Ion:228 Resp: 1445181
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.3 36.5
 229 20.4 16.1 24.1

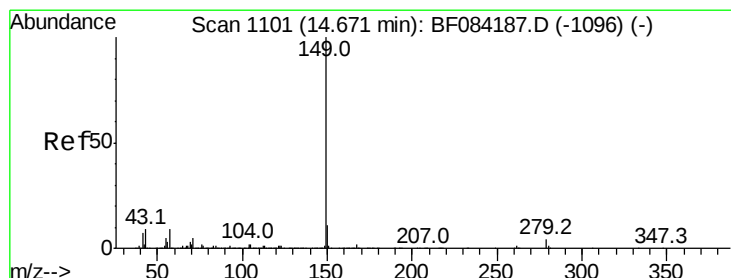
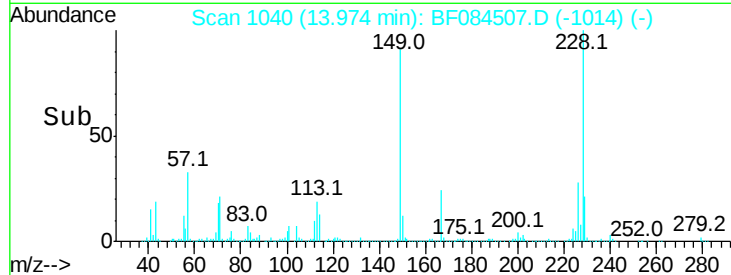
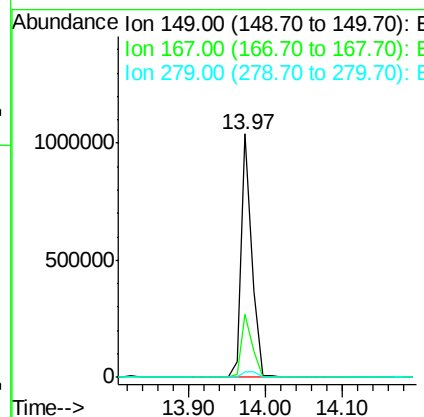
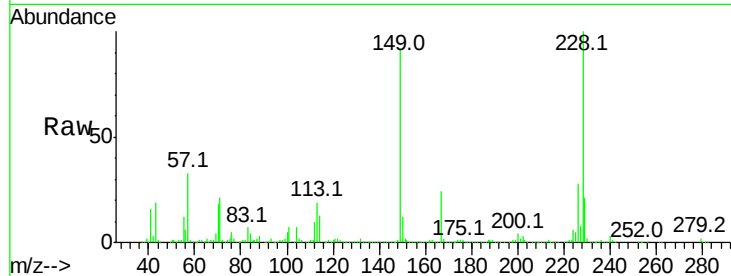




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.36 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF084507.D
 Acq: 15 Jan 2016 22:50

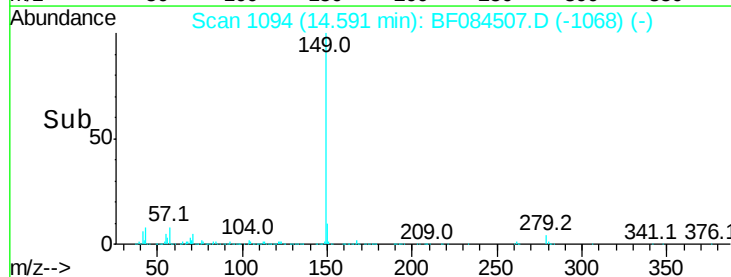
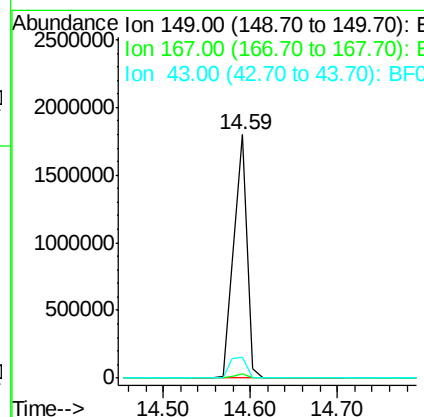
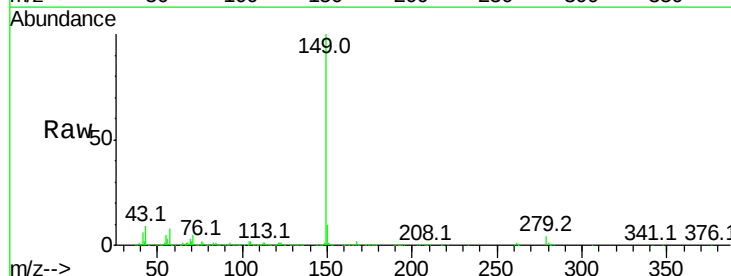
Instrument :
 BNA_F
 ClientSampleId :

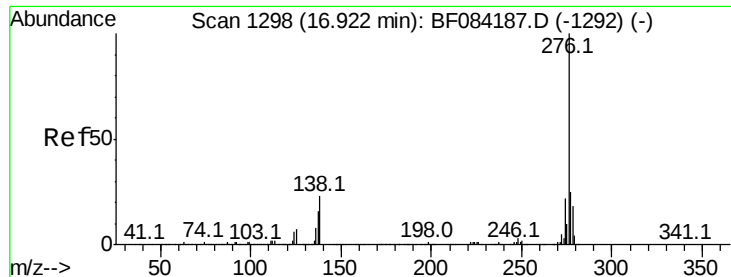
Tot Ion:149 Resp: 1020294
 Ion Ratio Lower Upper
 149 100
 167 26.0 19.7 29.5
 279 2.3 1.8 2.6



#84
 Di-n-octyl phthalate
 Concen: 41.97 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF084507.D
 Acq: 15 Jan 2016 22:50

Tgt Ion:149 Resp: 1884690
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.3 5.6 8.4#



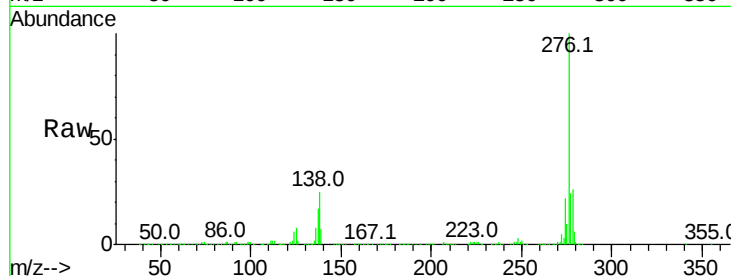


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.21 ng
 RT: 16.79 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF084507.D
 Acq: 15 Jan 2016 22:50

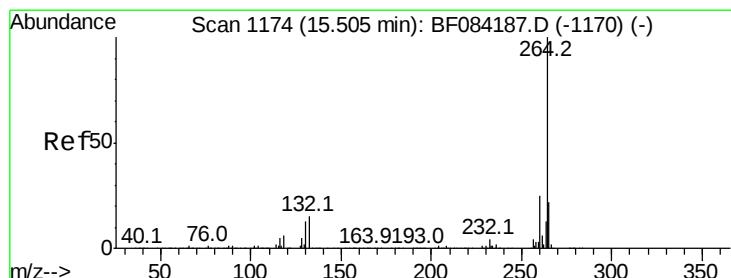
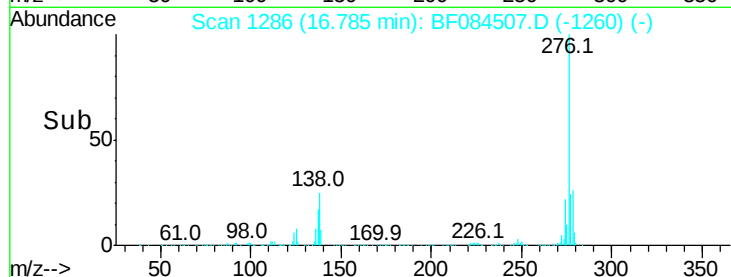
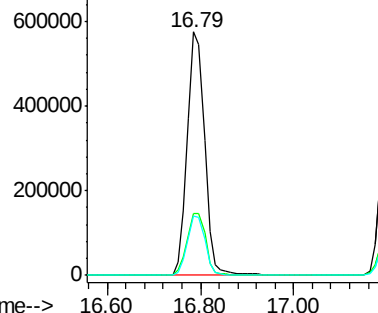
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1503437

Ion	Ratio	Lower	Upper
276	100		
138	27.3	20.6	30.8
277	25.1	20.1	30.1



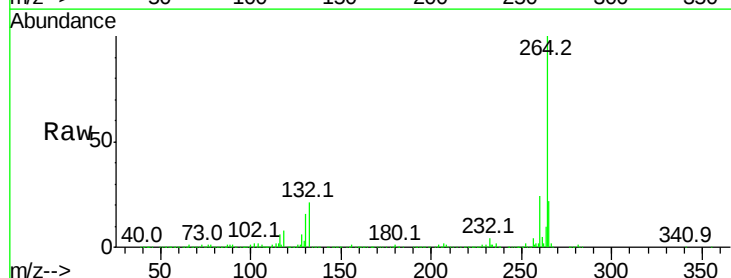
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



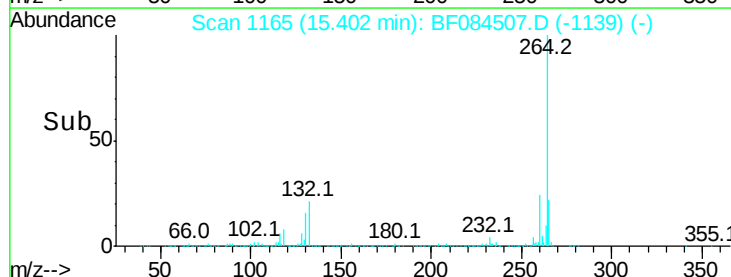
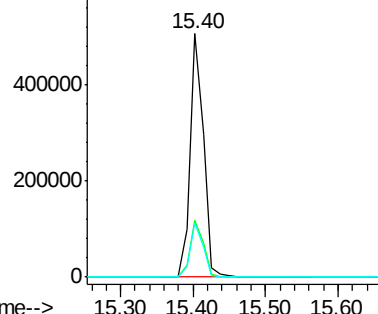
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF084507.D
 Acq: 15 Jan 2016 22:50

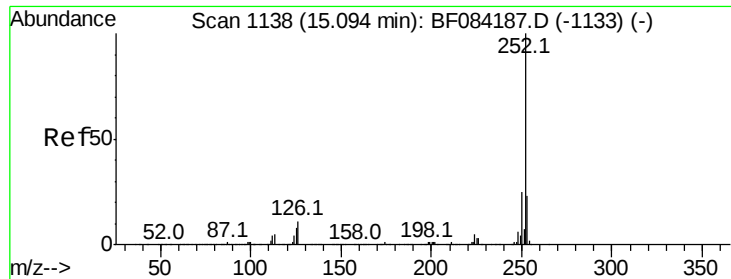
Tgt Ion:264 Resp: 645403

Ion	Ratio	Lower	Upper
264	100		
260	23.6	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

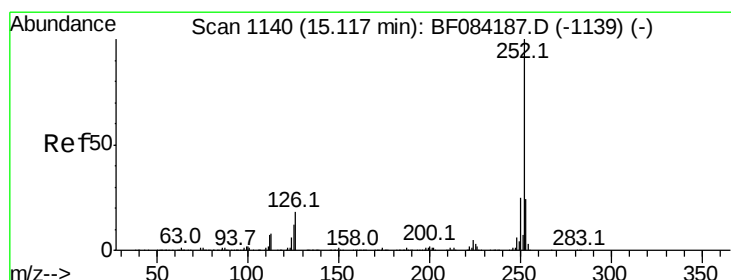
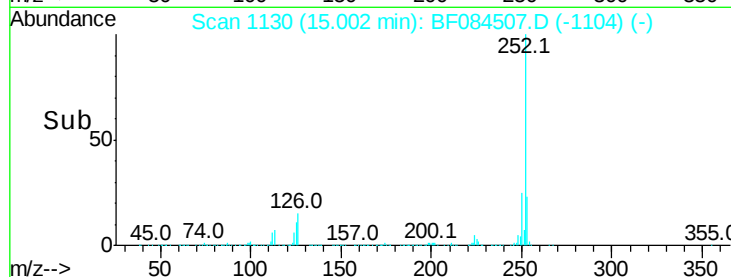
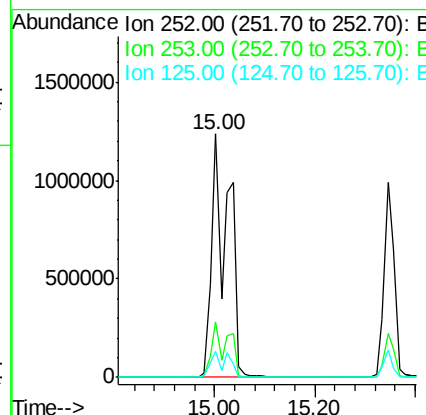
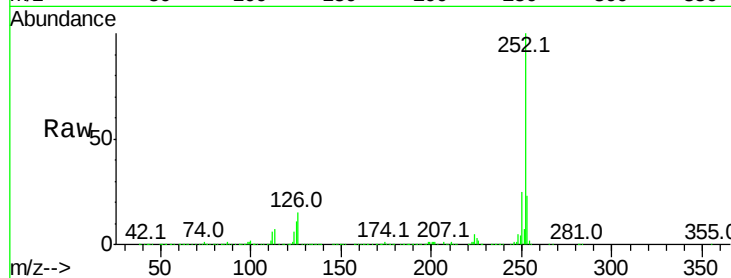




#87
Benzo(b)fluoranthene
Concen: 68.02 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

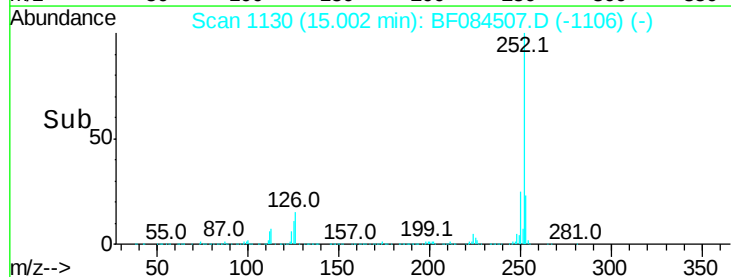
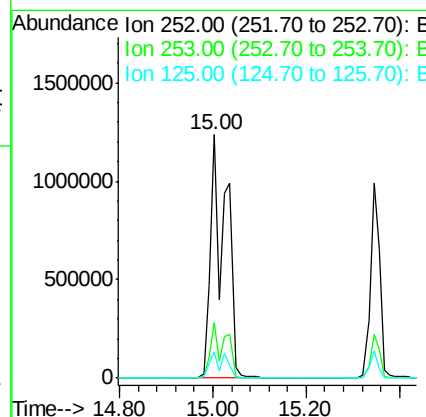
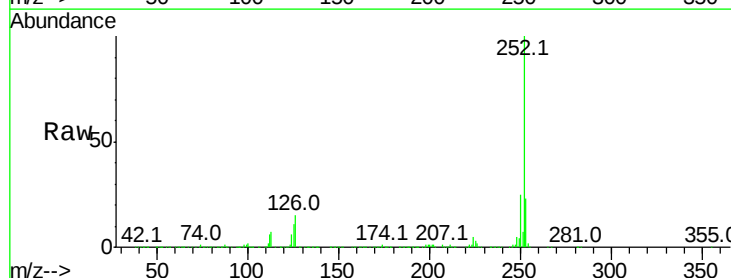
Instrument :
BNA_F
ClientSampleId :

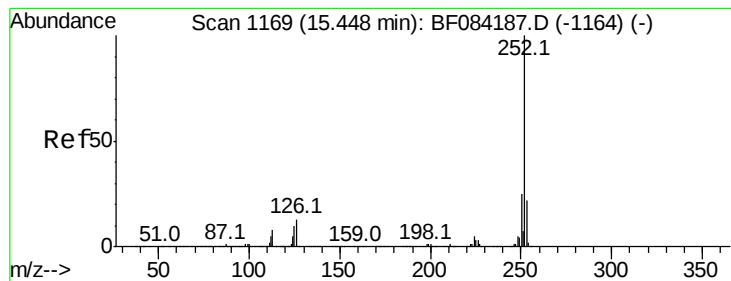
Tot Ion:252 Resp: 2871692
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 10.8 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 83.21 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.02 min
Lab File: BF084507.D
Acq: 15 Jan 2016 22:50

Tgt Ion:252 Resp: 2873174
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 10.8 9.0 13.6





#89

Benzo(a)pyrene

Concen: 39.14 ng

RT: 15.35 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

Instrument :

BNA_F

ClientSampleId :

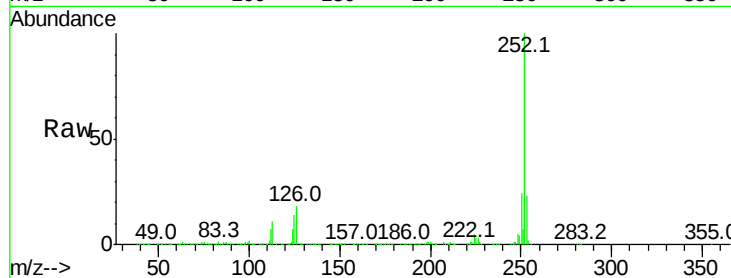
Tot Ion:252 Resp: 1401710

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	13.7	7.0	10.4

252 100

253 22.8 17.3 25.9

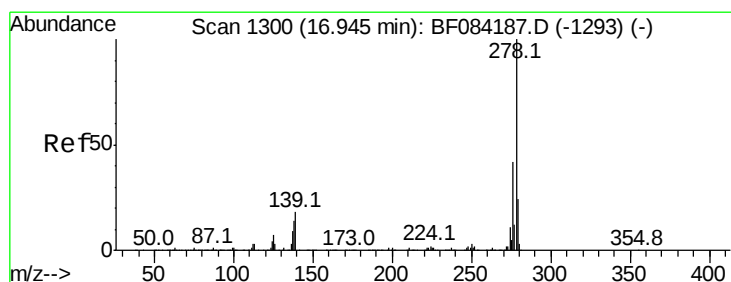
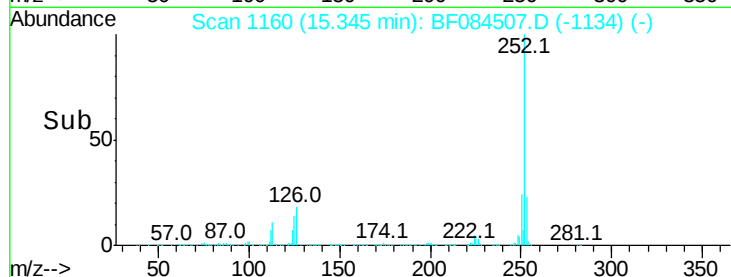
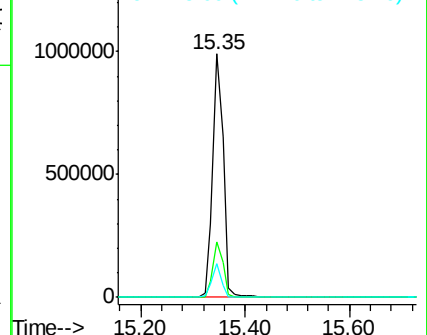
125 13.7 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.77 ng

RT: 16.81 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF084507.D

Acq: 15 Jan 2016 22:50

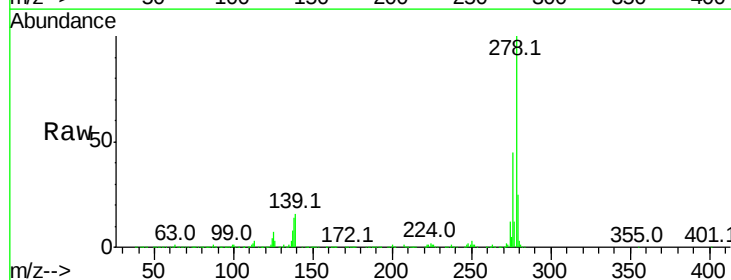
Tgt Ion:278 Resp: 1256276

Ion	Ratio	Lower	Upper
278	100		
139	16.4	15.0	22.4
279	24.7	18.9	28.3

278 100

139 16.4 15.0 22.4

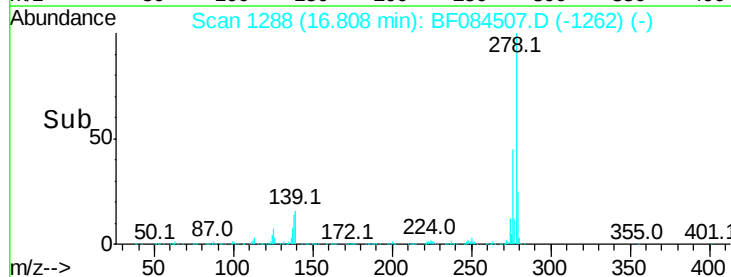
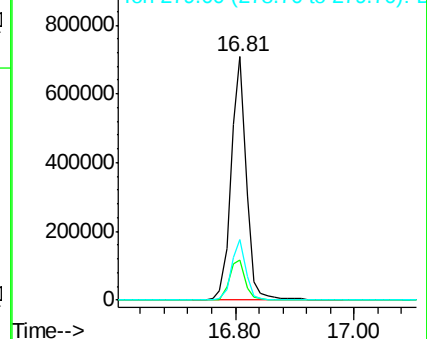
279 24.7 18.9 28.3

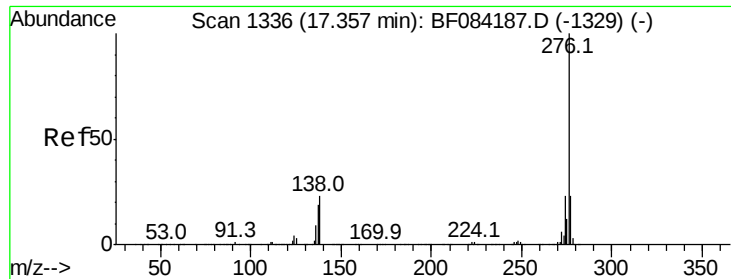


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 38.07 ng
 RT: 17.21 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF084507.D
 Acq: 15 Jan 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1214741
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.8 28.2
 138 22.8 17.8 26.6

