

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084049.D
 Acq On : 23 Dec 2015 22:36
 Operator : UM/SJ
 Sample : PB87486BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87486BS

Quant Time: Dec 24 02:29:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	49792	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	195541	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	90524	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	153386	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	97267	20.00	ng	-0.01
86) Perylene-d12	15.41	264	87731	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	360633	123.49	ng	0.01
7) Phenol-d6	6.48	99	421884	122.87	ng	0.00
23) Nitrobenzene-d5	7.39	82	271204	85.20	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	96502	110.83	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	508154	75.55	ng	-0.01
78) Terphenyl-d14	12.92	244	385197	94.44	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	37467	26.95	ng	# 95
3) Pyridine	3.18	79	107618	34.00	ng	97
4) n-Nitrosodimethylamine	3.13	42	51361	43.67	ng	89
6) Aniline	6.49	93	78396	16.50	ng	# 1
8) 2-Chlorophenol	6.61	128	145365	43.23	ng	91
9) Benzaldehyde	6.36	77	46758	20.39	ng	95
10) Phenol	6.49	94	180384	45.41	ng	96
11) bis(2-Chloroethyl)ether	6.56	93	115992	38.21	ng	95
12) 1,3-Dichlorobenzene	6.76	146	153735	41.15	ng	99
13) 1,4-Dichlorobenzene	6.84	146	149643m	41.02	ng	
14) 1,2-Dichlorobenzene	6.99	146	144875	41.54	ng	99
15) Benzyl Alcohol	6.97	79	113181	41.86	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.10	45	113645	38.78	ng	85
17) 2-Methylphenol	7.09	107	115278	43.03	ng	# 93
18) Hexachloroethane	7.33	117	55145	41.22	ng	96
19) n-Nitroso-di-n-propylamine	7.24	70	95056	45.68	ng	91
20) 3+4-Methylphenols	7.24	107	143898	43.53	ng	# 65
22) Acetophenone	7.23	105	187961	40.97	ng	# 93
24) Nitrobenzene	7.40	77	127638	38.91	ng	99
25) Isophorone	7.64	82	241913	40.11	ng	99
26) 2-Nitrophenol	7.72	139	64467	36.51	ng	# 88
27) 2,4-Dimethylphenol	7.77	122	122136	39.69	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	159615	42.72	ng	98
29) 2,4-Dichlorophenol	7.97	162	118229	43.01	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	121698	42.44	ng	96
31) Naphthalene	8.13	128	399039	39.95	ng	99
32) Benzoic acid	7.89	122	35803	27.73	ng	97
33) 4-Chloroaniline	8.18	127	46490	11.38	ng	94
34) Hexachlorobutadiene	8.25	225	67066	39.13	ng	99
35) Caprolactam	8.56	113	31949	38.67	ng	99
36) 4-Chloro-3-methylphenol	8.68	107	136897	46.55	ng	99
37) 2-Methylnaphthalene	8.82	142	269991	41.74	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	116683	42.88	ng	100
40) Hexachlorocyclopentadiene	8.98	237	27493	38.64	ng	99

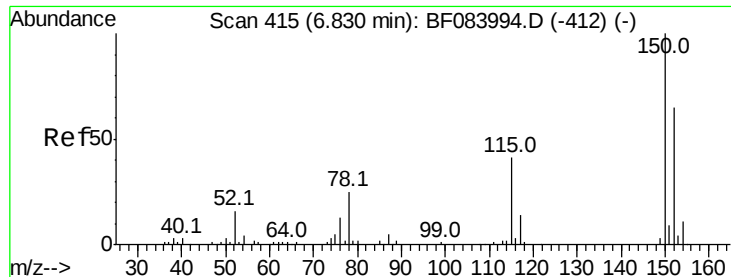
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	70430	42.98	nq	97
43) 2,4,5-Trichlorophenol	9.15	196	69752	40.90	nq	# 79
45) 1,1'-Biphenyl	9.29	154	351845	43.97	nq	97
46) 2-Chloronaphthalene	9.31	162	247564	42.97	nq	97
47) 2-Nitroaniline	9.41	65	70626	44.97	nq	# 44
48) Acenaphthylene	9.72	152	378346	41.47	nq	100
49) Dimethylphthalate	9.60	163	310824	43.88	nq	# 91
50) 2,6-Dinitrotoluene	9.65	165	68080	45.54	nq	# 88
51) Acenaphthene	9.89	154	213983	39.45	nq	99
52) 3-Nitroaniline	9.82	138	42942	27.04	nq	# 66
53) 2,4-Dinitrophenol	9.94	184	3954	13.57	nq	88
54) Dibenzofuran	10.06	168	328878	40.51	nq	91
55) 4-Nitrophenol	10.01	139	57238	61.34	nq	91
56) 2,4-Dinitrotoluene	10.05	165	75343	40.09	nq	# 84
57) Fluorene	10.41	166	252552	39.26	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	49900	37.10	nq	98
59) Diethylphthalate	10.29	149	310520	44.60	nq	99
60) 4-Chlorophenyl-phenylether	10.40	204	118792	40.30	nq	# 77
61) 4-Nitroaniline	10.43	138	57404	35.34	nq	92
62) Azobenzene	10.56	77	267416	43.51	nq	87
64) 4,6-Dinitro-2-methylphenol	10.48	198	6114	6.82	nq	87
65) n-Nitrosodiphenylamine	10.52	169	241683	42.66	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	71464	40.63	nq	# 69
67) Hexachlorobenzene	10.97	284	80461	41.91	nq	# 88
68) Atrazine	11.05	200	64376	37.59	nq	98
69) Pentachlorophenol	11.16	266	41766	61.19	nq	98
70) Phenanthrene	11.37	178	351686	40.57	nq	99
71) Anthracene	11.42	178	382438	43.44	nq	99
72) Carbazole	11.57	167	301067	36.57	nq	99
73) Di-n-butylphthalate	11.90	149	425466	41.62	nq	# 97
74) Fluoranthene	12.56	202	321043	37.34	nq	97
76) Benzidine	12.67	184	68692	19.80	nq	98
77) Pyrene	12.78	202	319675	48.44	nq	99
79) Butylbenzylphthalate	13.40	149	169923	55.98	nq	89
80) Benzo(a)anthracene	13.97	228	247124	44.06	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	58710	27.83	nq	# 94
82) Chrysene	14.01	228	211705	40.66	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	212937	50.59	nq	# 98
84) Di-n-octyl phthalate	14.57	149	333005	51.45	nq	97
85) Indeno(1,2,3-cd)pyrene	16.82	276	219203	50.89	nq	99
87) Benzo(b)fluoranthene	15.00	252	225140m	40.71	nq	
88) Benzo(k)fluoranthene	15.04	252	228123m	43.37	nq	
89) Benzo(a)pyrene	15.36	252	223765	43.68	nq	100
90) Dibenzo(a,h)anthracene	16.82	278	187189	44.10	nq	98
91) Benzo(g,h,i)perylene	17.24	276	171703	39.99	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF084049.D

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PB87486BS

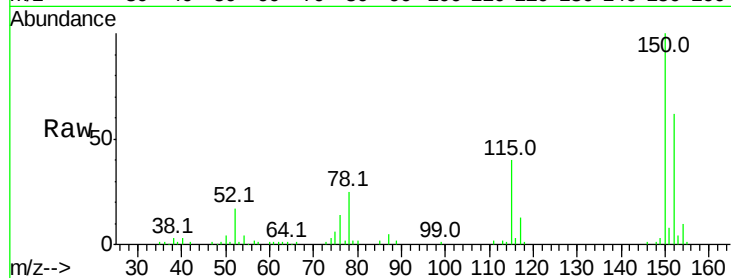
Tot Ion:152 Resp: 49792

Ion Ratio Lower Upper

152 100

150 162.2 123.0 184.4

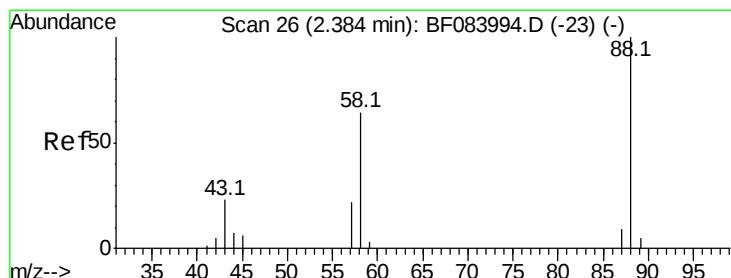
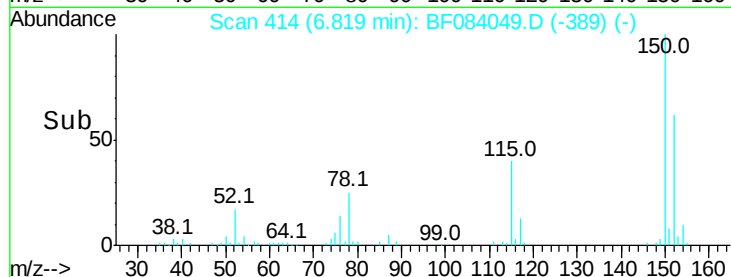
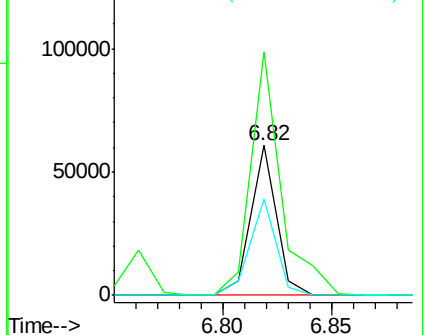
115 64.2 51.4 77.2



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: 26.95 ng

RT: 2.48 min Scan# 34

Delta R.T. 0.09 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

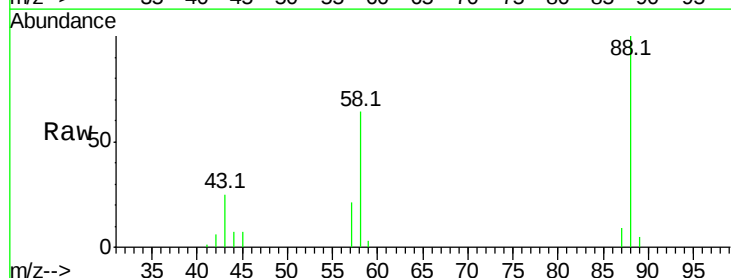
Tgt Ion: 88 Resp: 37467

Ion Ratio Lower Upper

88 100

58 65.3 51.2 76.8

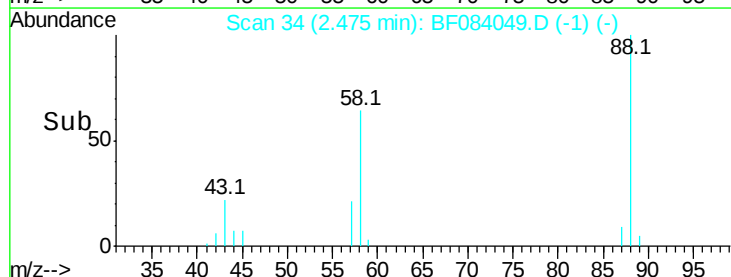
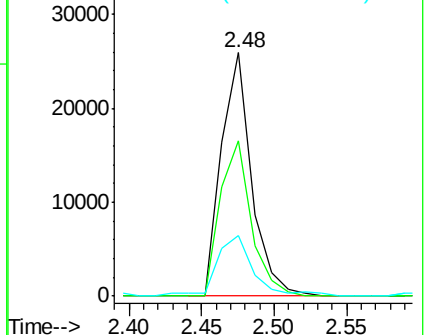
43 30.5 19.5 29.3#

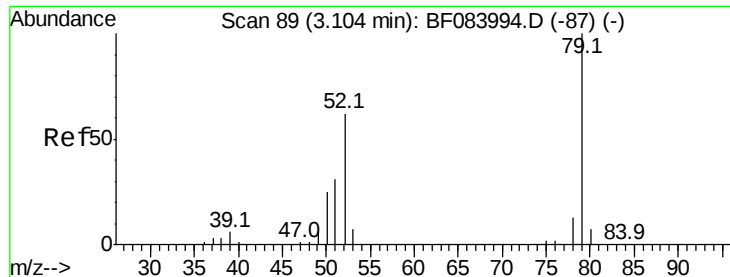


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 34.00 ng

RT: 3.18 min Scan# 96

Delta R.T. 0.08 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA_F

ClientSampleId :

PB87486BS

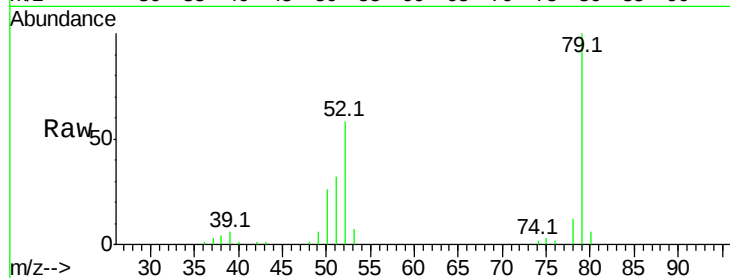
Tot Ion: 79 Resp: 107618

Ion Ratio Lower Upper

79 100

52 57.6 49.0 73.4

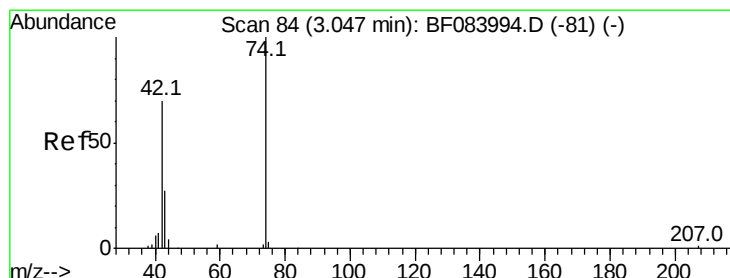
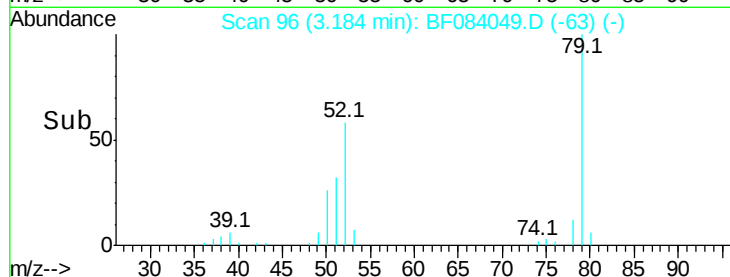
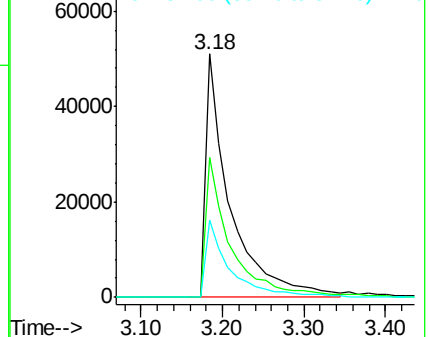
51 31.7 25.2 37.8



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: 43.67 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.08 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

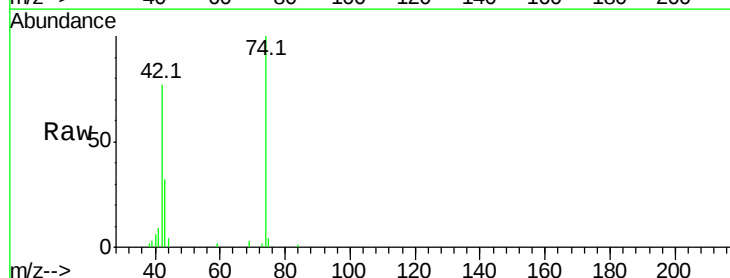
Tgt Ion: 42 Resp: 51361

Ion Ratio Lower Upper

42 100

74 130.3 115.7 173.5

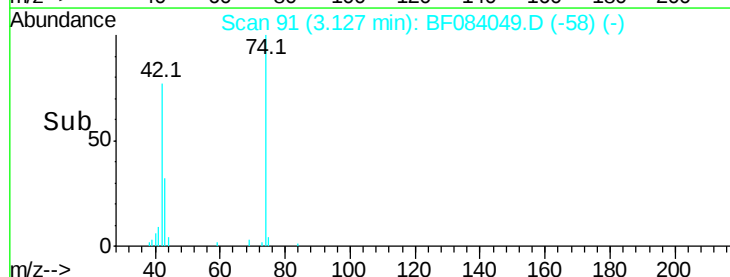
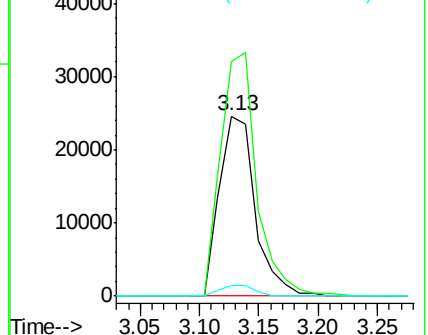
44 5.7 5.1 7.7

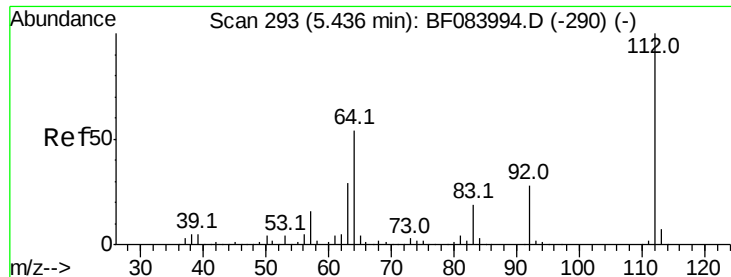


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 123.49 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA_F

ClientSampleId :

PB87486BS

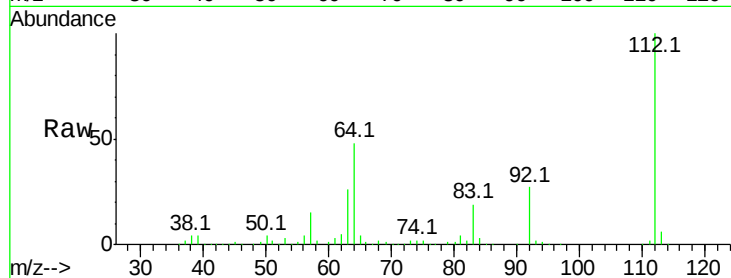
Tot Ion:112 Resp: 360633

Ion Ratio Lower Upper

112 100

64 48.1 36.6 55.0

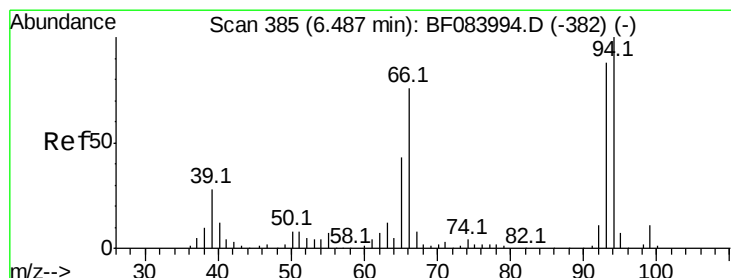
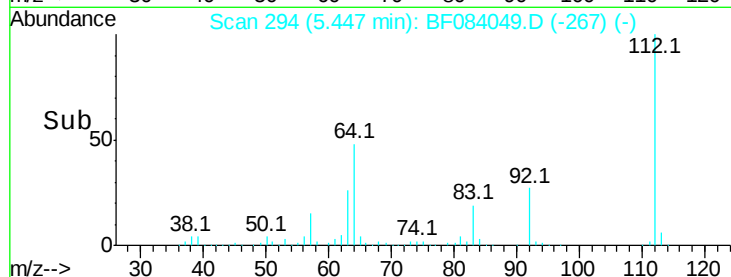
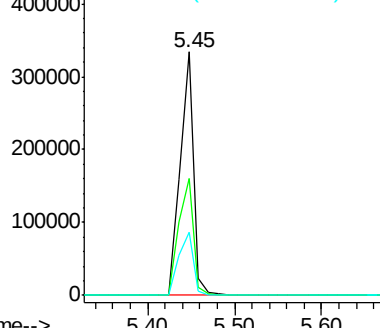
63 26.2 19.4 29.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.50 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

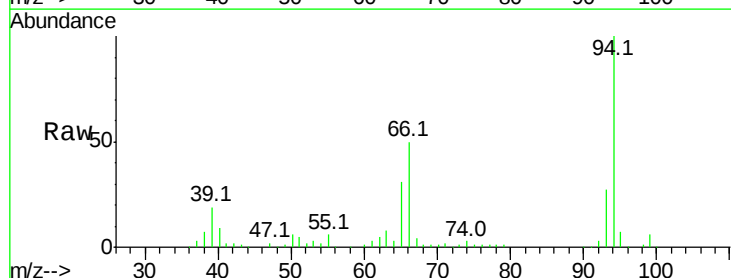
Tgt Ion: 93 Resp: 78396

Ion Ratio Lower Upper

93 100

66 187.0 44.9 67.3#

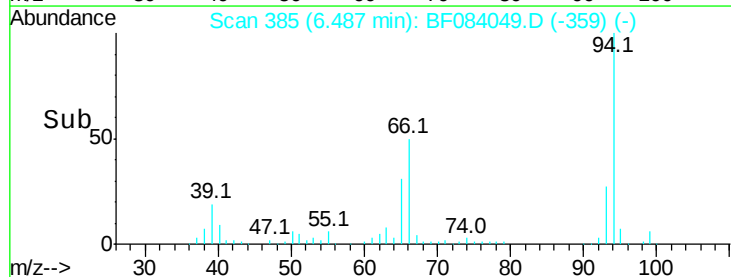
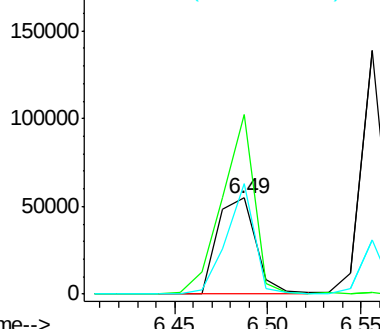
65 115.5 23.7 35.5#

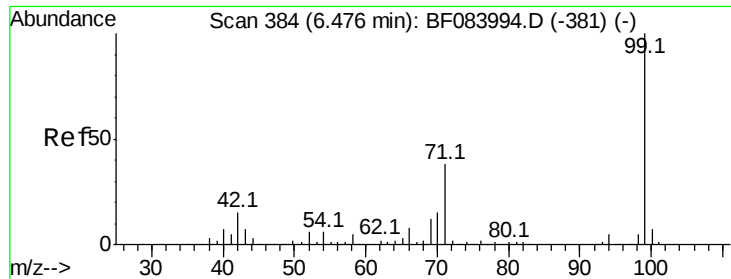


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.87 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

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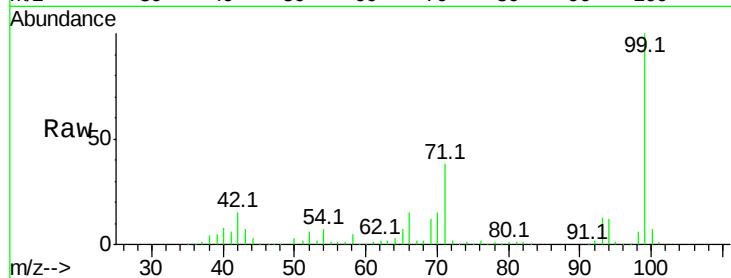
Tot Ion: 99 Resp: 421884

Ion Ratio Lower Upper

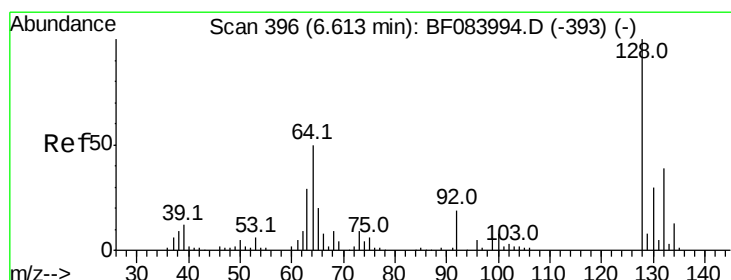
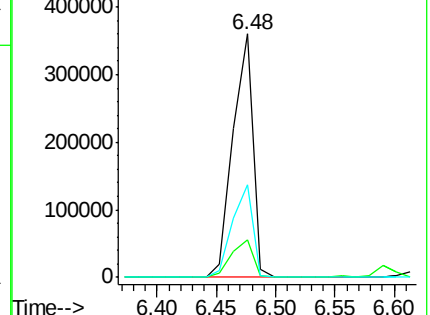
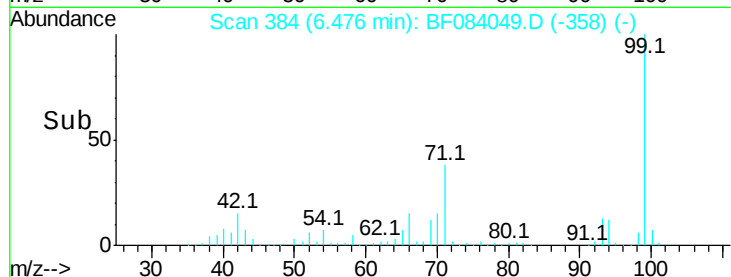
99 100

42 15.2 12.8 19.2

71 38.0 30.9 46.3



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



#8

2-Chlorophenol

Concen: 43.23 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

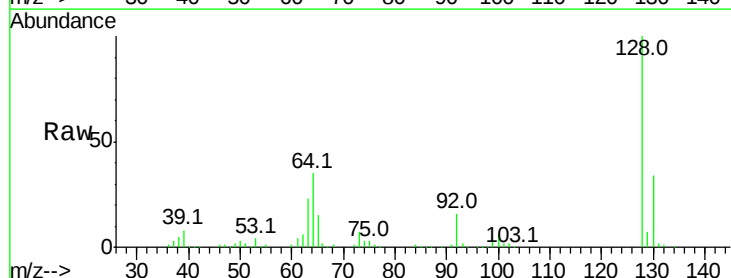
Tgt Ion:128 Resp: 145365

Ion Ratio Lower Upper

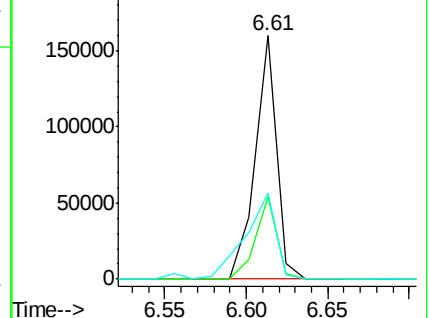
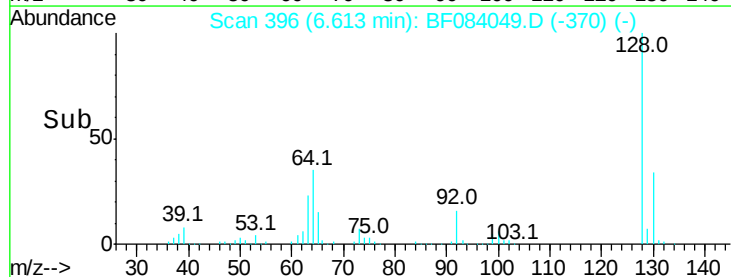
128 100

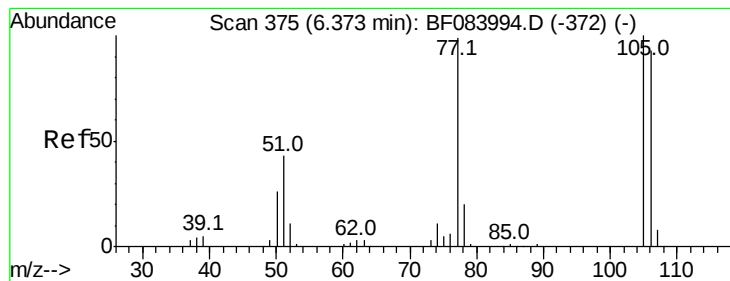
130 33.6 11.6 51.6

64 35.2 23.8 63.8



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





#9

Benzaldehyde

Concen: 20.39 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

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PB87486BS

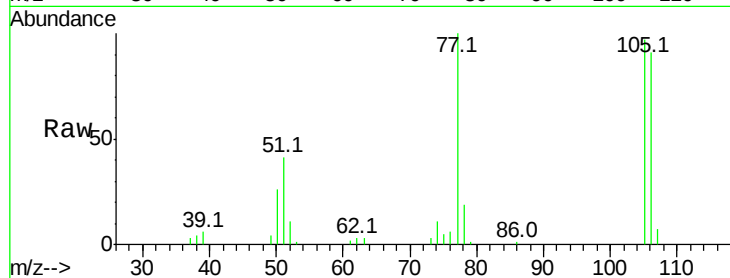
Tot Ion: 77 Resp: 46758

Ion Ratio Lower Upper

77 100

105 97.0 83.0 123.0

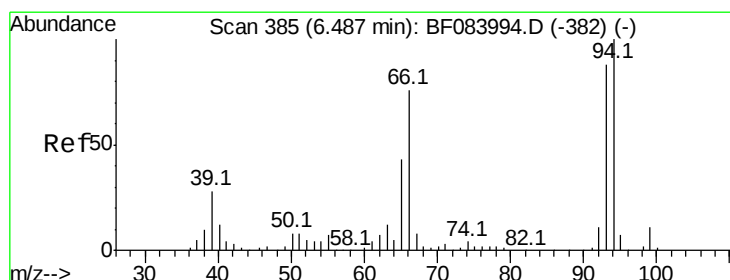
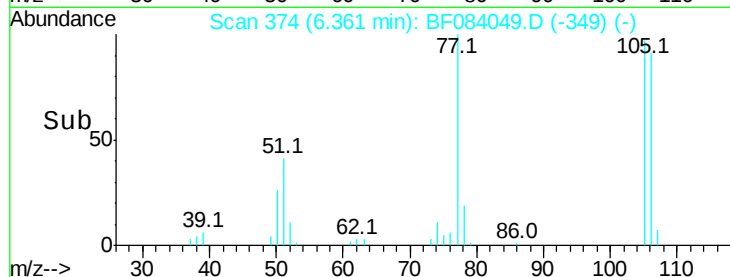
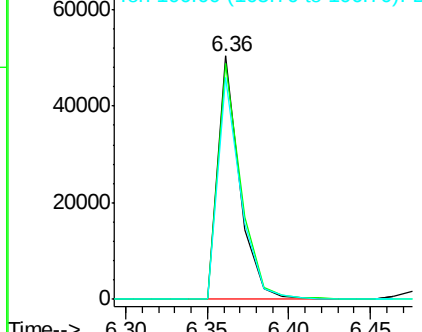
106 91.2 74.6 114.6



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: 45.41 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

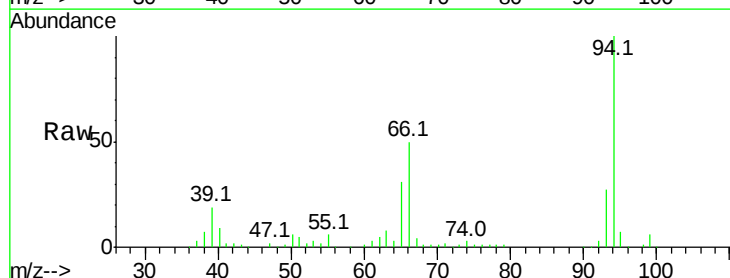
Tgt Ion: 94 Resp: 180384

Ion Ratio Lower Upper

94 100

65 30.9 12.9 52.9

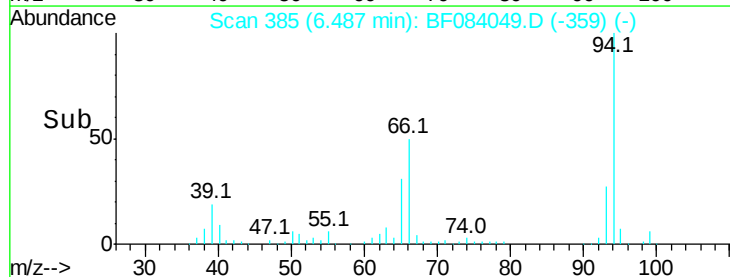
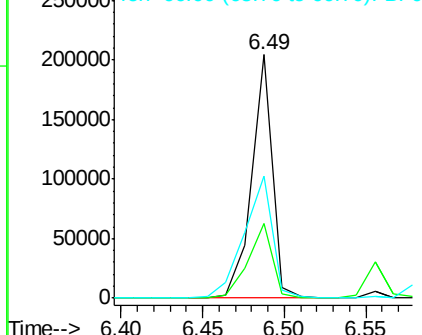
66 50.0 32.7 72.7

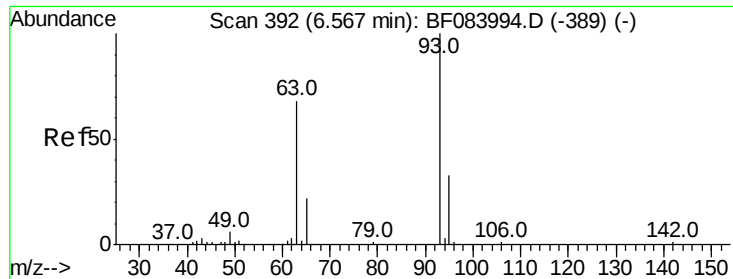


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

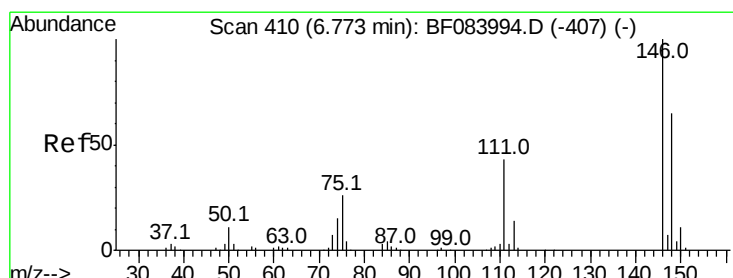
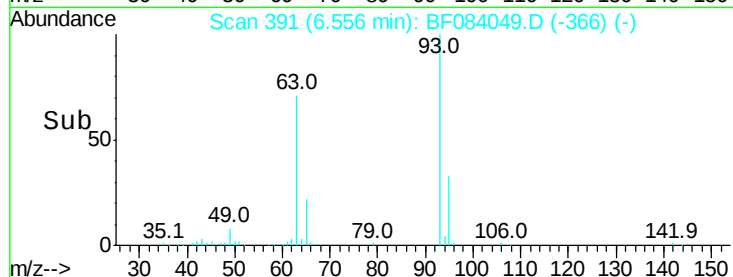
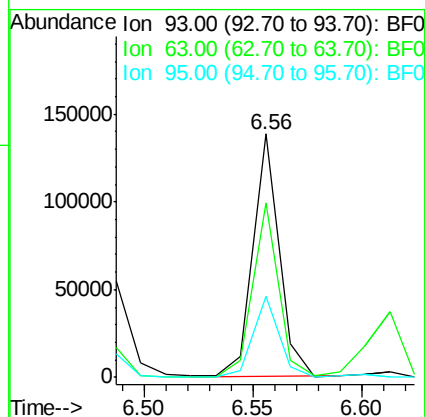
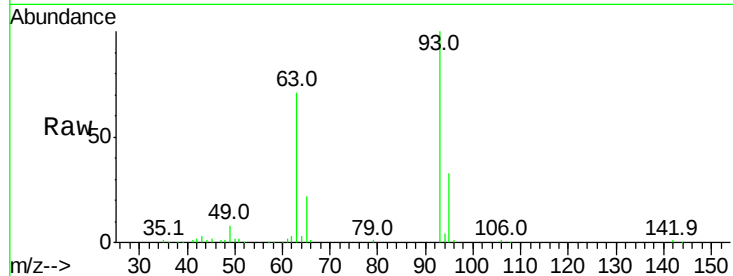




#11
bis(2-Chloroethyl)ether
Concen: 38.21 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

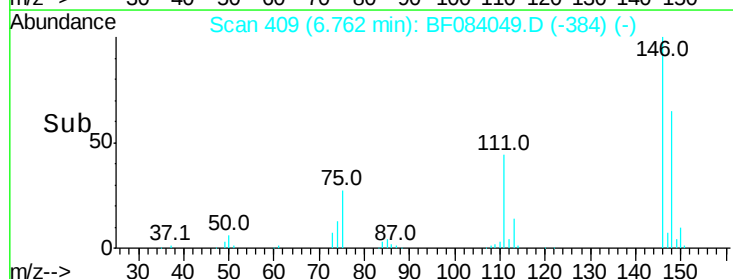
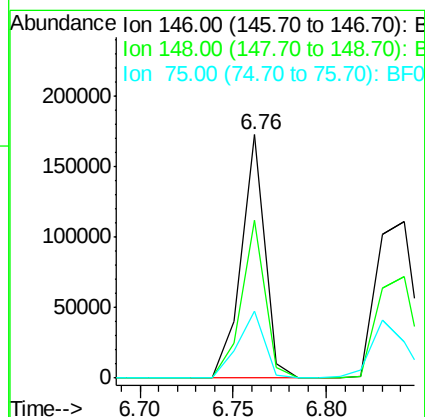
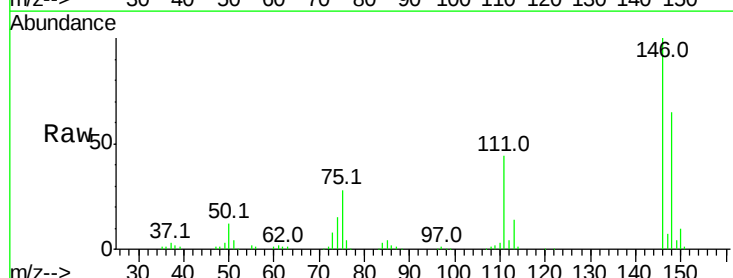
Instrument :
BNA_F
ClientSampleId :
PB87486BS

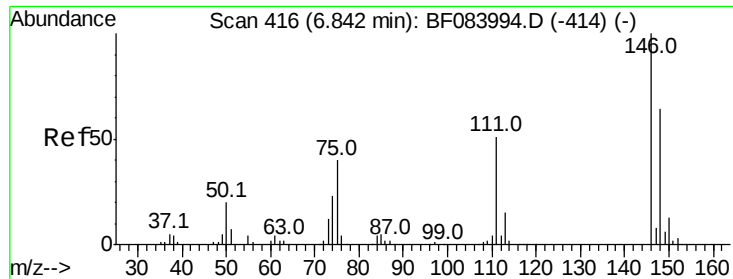
Tot Ion: 93 Resp: 115992
Ion Ratio Lower Upper
93 100
63 71.4 45.9 85.9
95 33.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.15 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

Tgt Ion: 146 Resp: 153735
Ion Ratio Lower Upper
146 100
148 64.7 51.9 77.9
75 27.5 20.5 30.7

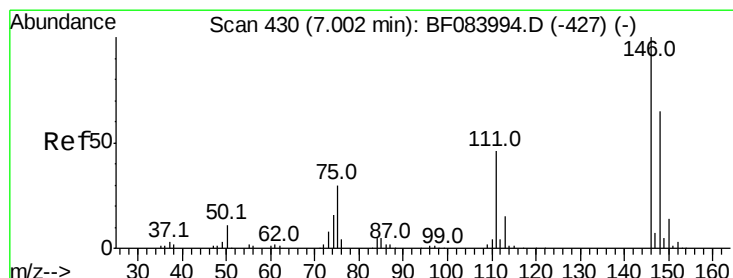
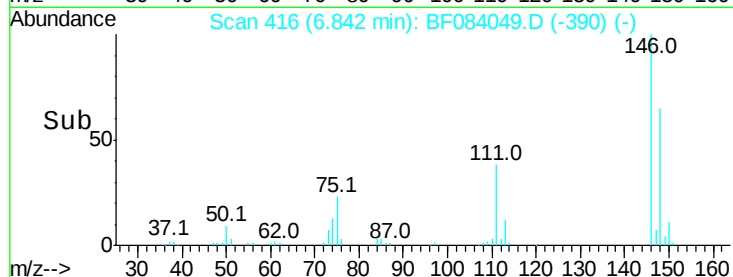
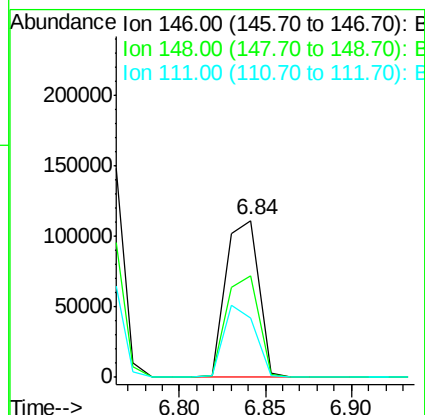
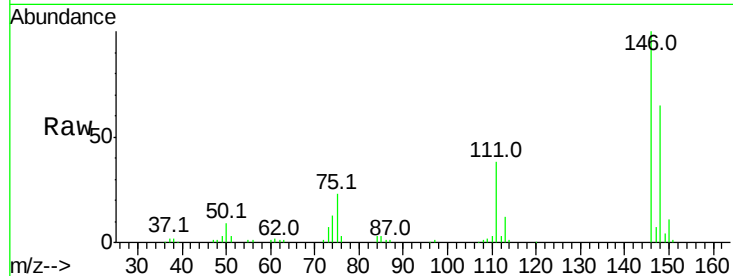




#13
 1,4-Dichlorobenzene
 Concen: 41.02 ng/ml
 RT: 6.84 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BF084049.D
 Acq: 23 Dec 2015 22:36

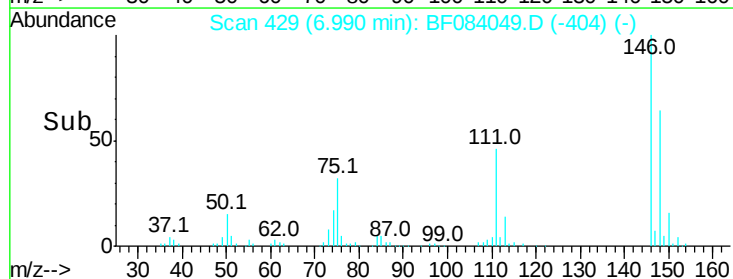
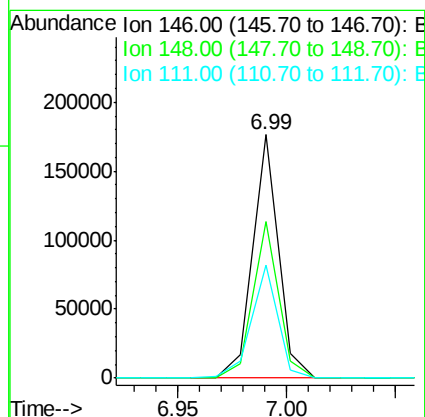
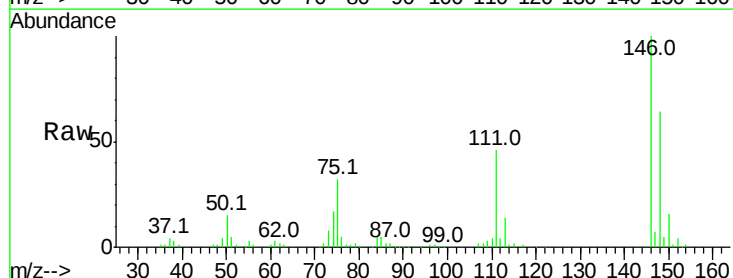
Instrument :
 BNA_F
 ClientSampleID :
 PB87486BS

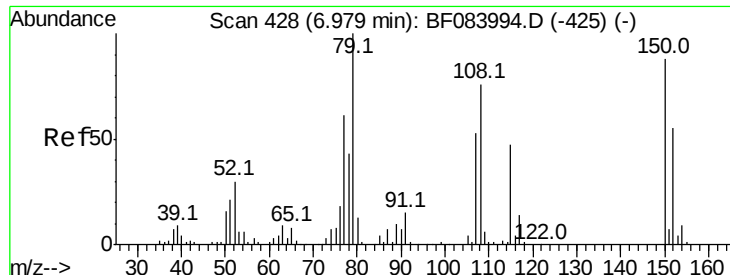
Tot Ion:146 Resp: 149643
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.9 77.9
 111 37.6 41.6 62.4#



#14
 1,2-Dichlorobenzene
 Concen: 41.54 ng/ml
 RT: 6.99 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BF084049.D
 Acq: 23 Dec 2015 22:36

Tgt Ion:146 Resp: 144875
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.6 77.4
 111 46.2 38.0 57.0

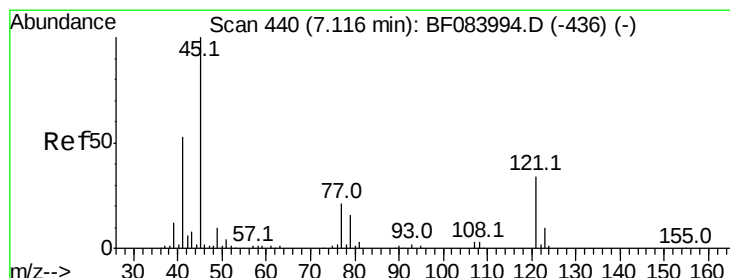
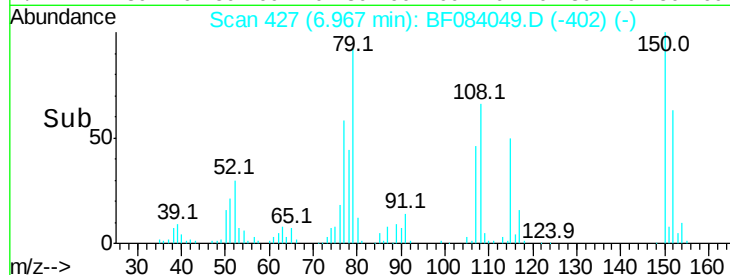
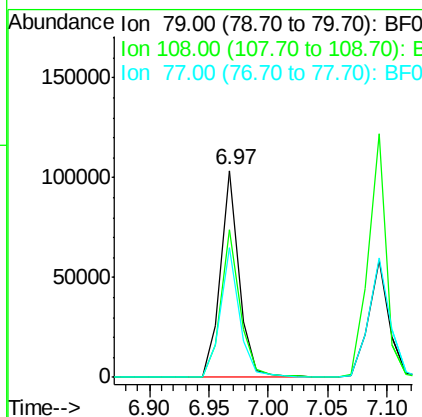
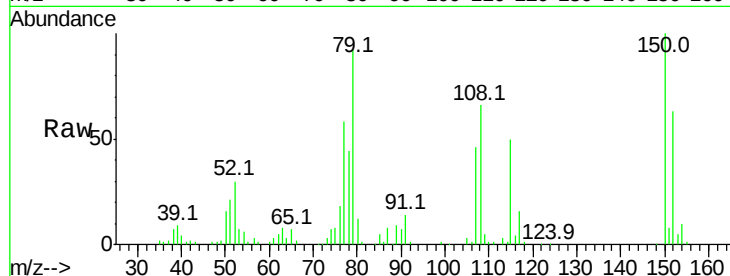




#15
Benzyl Alcohol
Concen: 41.86 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.01 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

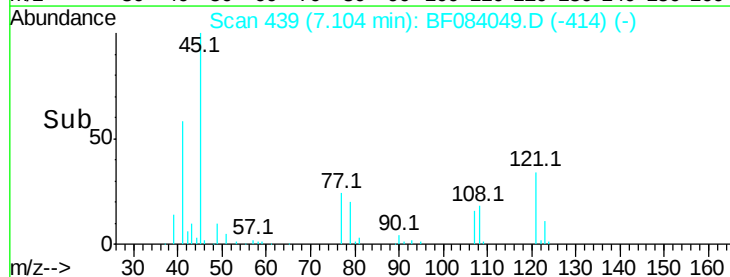
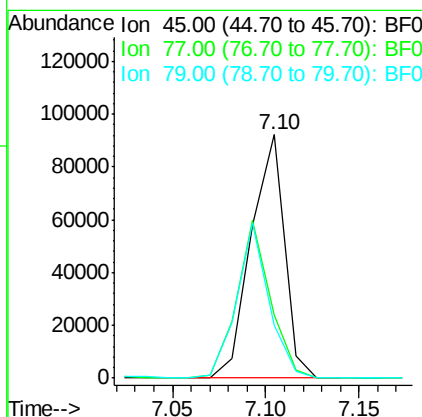
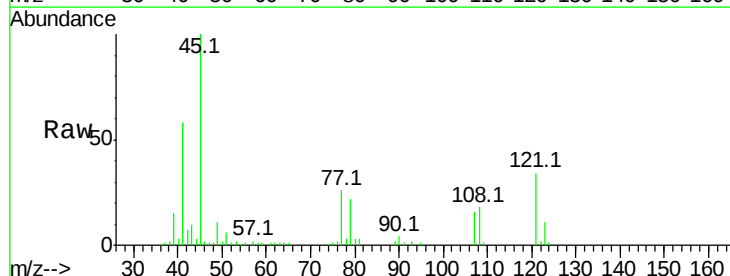
Instrument :
BNA_F
ClientSampleId :
PB87486BS

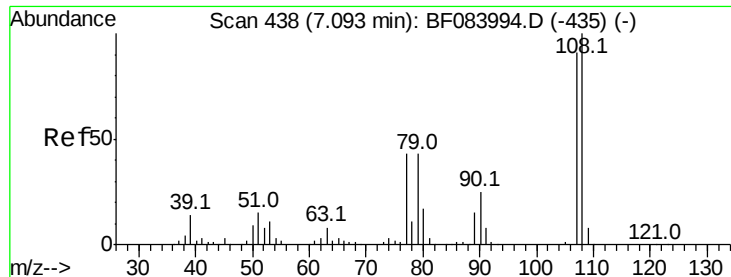
Tot Ion: 79 Resp: 113181
Ion Ratio Lower Upper
79 100
108 71.4 69.0 103.4
77 62.5 50.0 75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.78 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

Tgt Ion: 45 Resp: 113645
Ion Ratio Lower Upper
45 100
77 26.1 0.0 39.6
79 21.7 0.0 35.0





#17

2-Methylphenol

Concen: 43.03 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA_F

ClientSampleId :

PB87486BS

Tot Ion:107 Resp: 115278

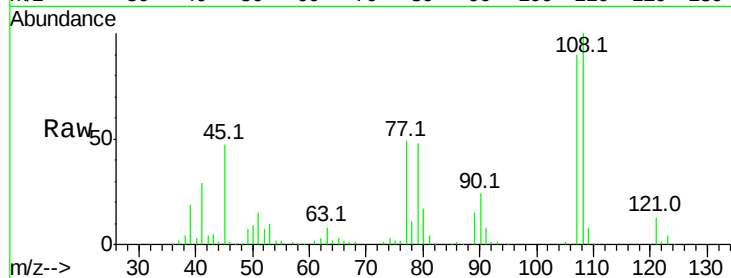
Ion Ratio Lower Upper

107 100

108 111.0 89.8 134.6

77 54.3 35.7 53.5#

79 53.5 35.7 53.5

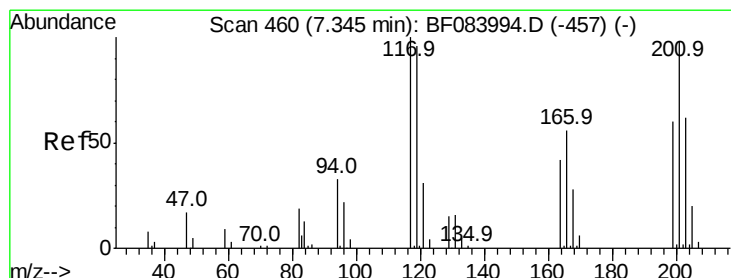
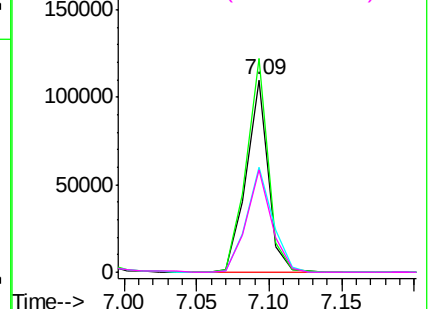
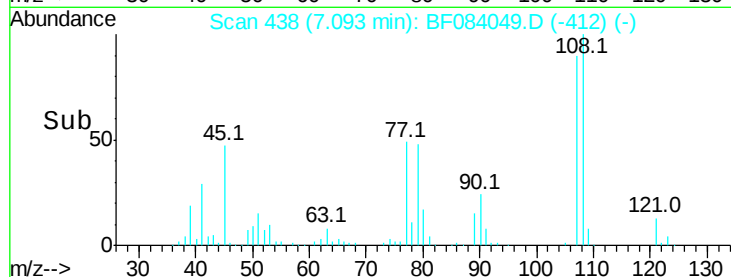


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.22 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

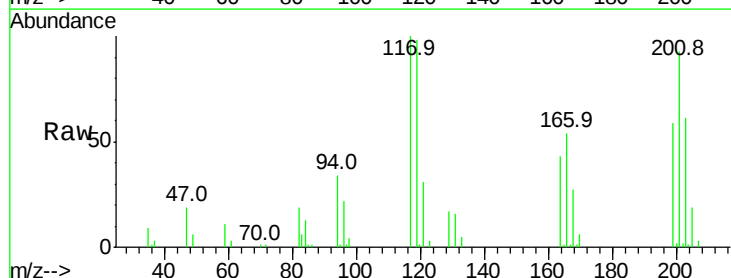
Tgt Ion:117 Resp: 55145

Ion Ratio Lower Upper

117 100

119 98.0 77.4 116.0

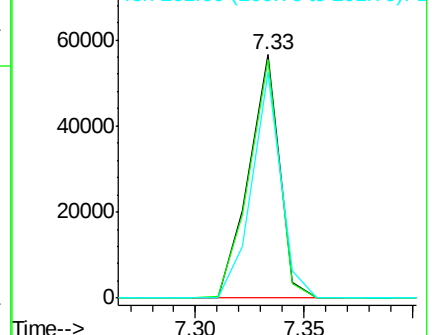
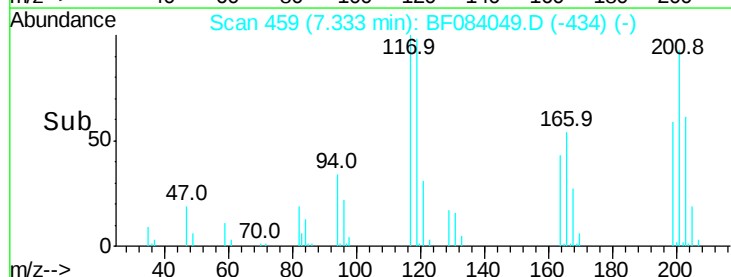
201 92.7 68.6 103.0

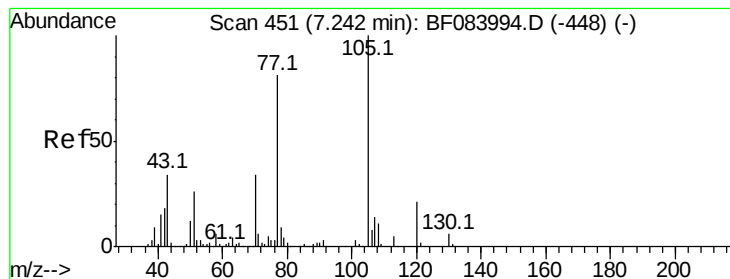


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 45.68 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA_F

ClientSampleId :

PB87486BS

Tot Ion: 70 Resp: 95056

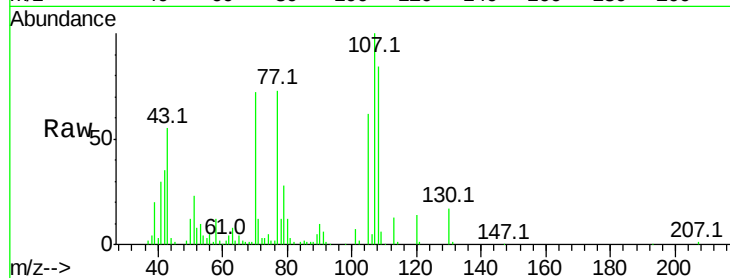
Ion Ratio Lower Upper

70 100

42 48.0 33.3 49.9

101 10.0 9.3 13.9

130 23.5 23.4 35.0

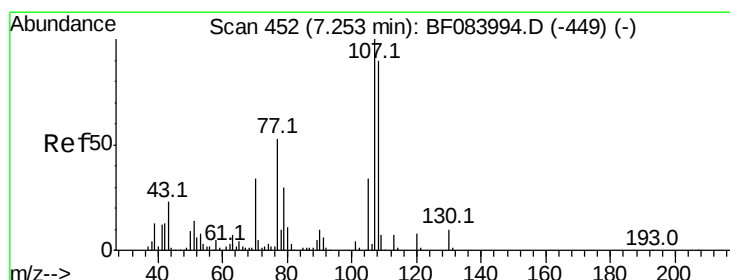
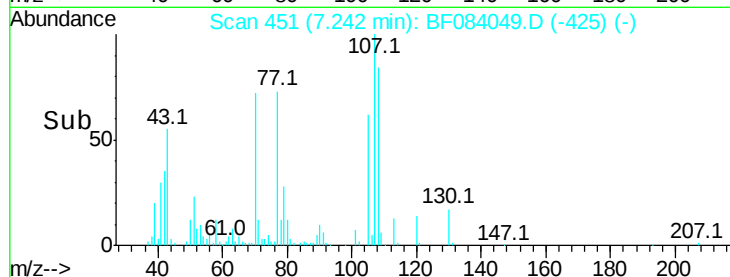
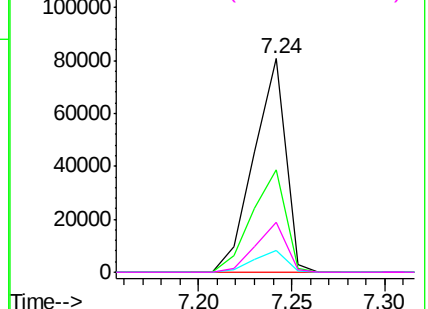


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 43.53 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Tgt Ion:107 Resp: 143898

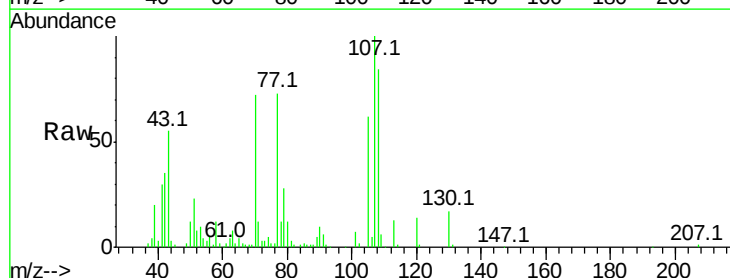
Ion Ratio Lower Upper

107 100

108 83.7 64.1 104.1

77 73.0 128.9 168.9#

79 27.8 9.6 49.6

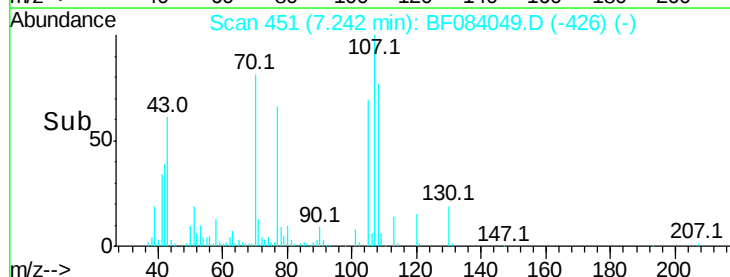
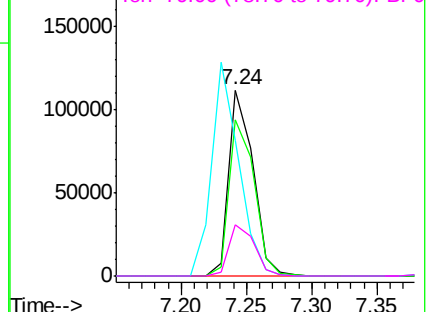


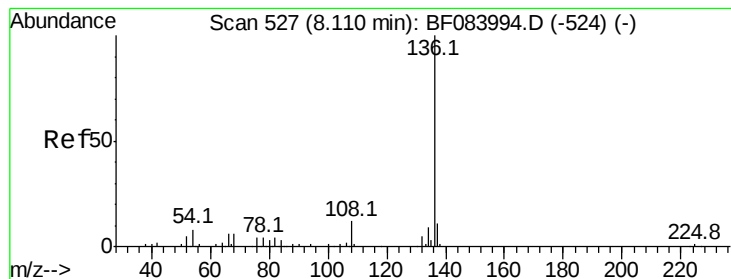
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA_F

ClientSampleId :

PB87486BS

Tot Ion:136 Resp: 195541

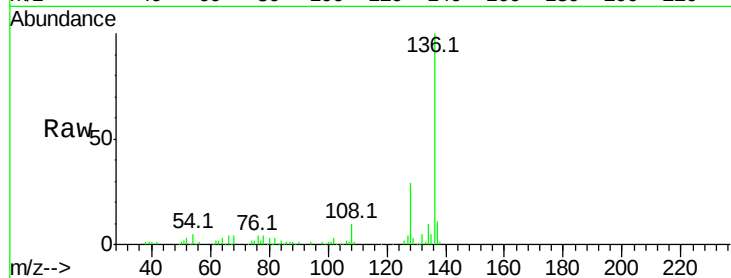
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 4.6 5.8 8.8#

68 3.7 4.2 6.2#

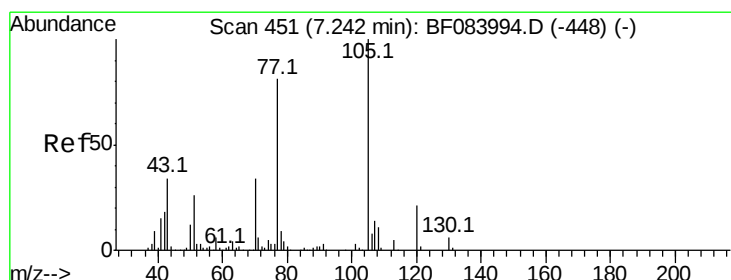
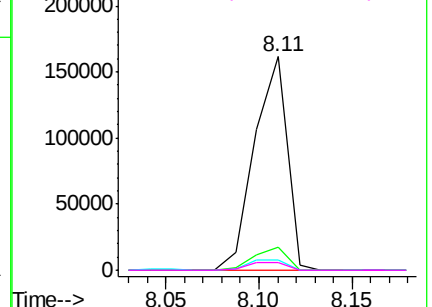
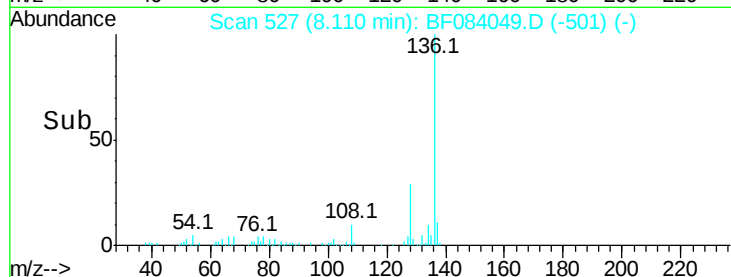


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.97 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Tgt Ion:105 Resp: 187961

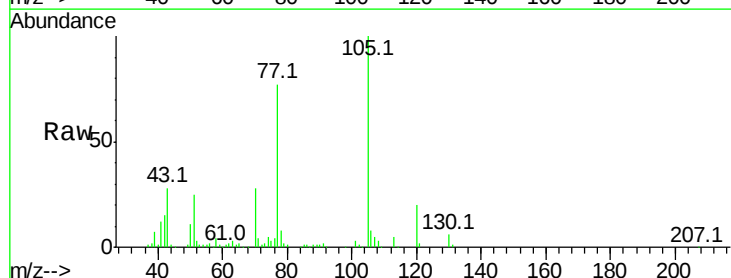
Ion Ratio Lower Upper

105 100

71 4.5 3.7 5.5

51 24.6 25.1 37.7#

120 20.1 16.6 25.0

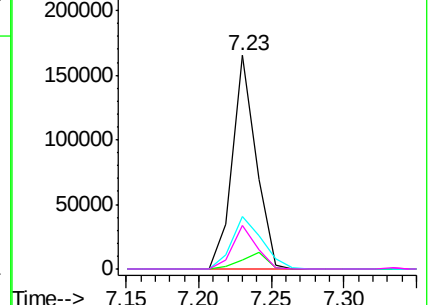
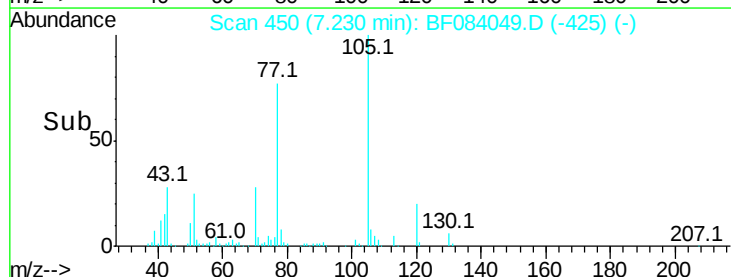


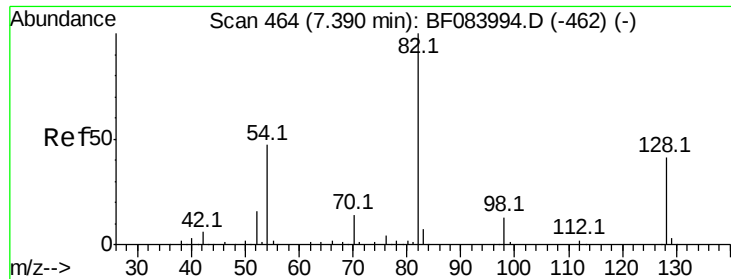
Abundance Ion 105.00 (104.70 to 105.70): E

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: 85.20 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA_F

ClientSampleID :

PB87486BS

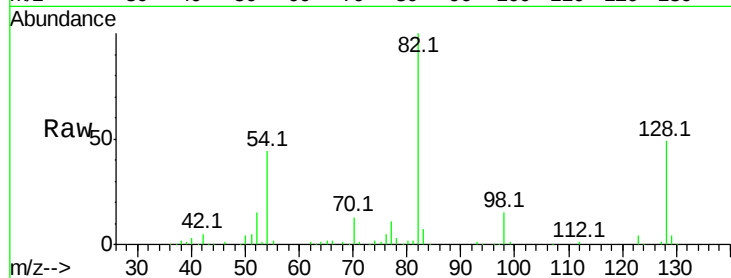
Tot Ion: 82 Resp: 271204

Ion Ratio Lower Upper

82 100

128 49.0 34.6 51.8

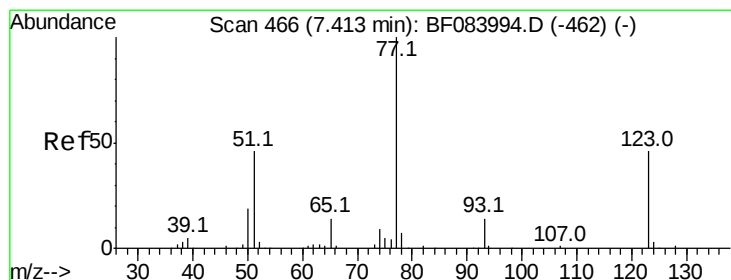
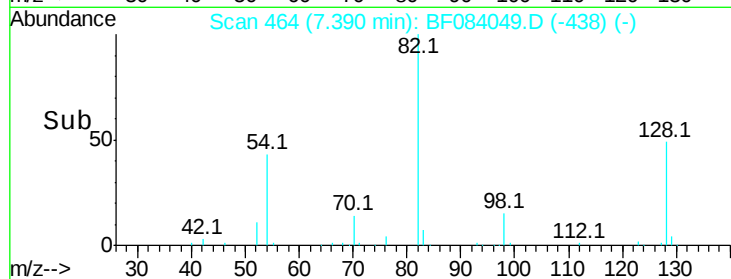
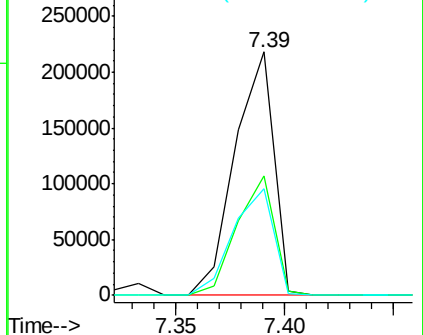
54 43.9 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.91 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

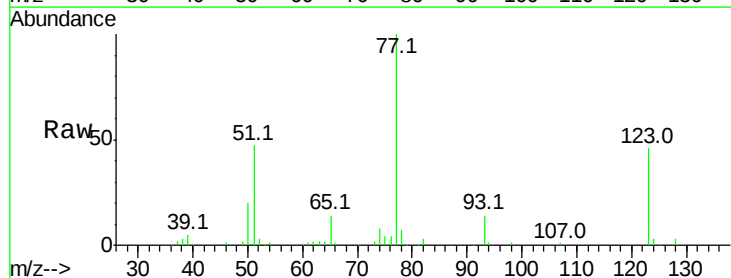
Tgt Ion: 77 Resp: 127638

Ion Ratio Lower Upper

77 100

123 46.3 37.4 56.2

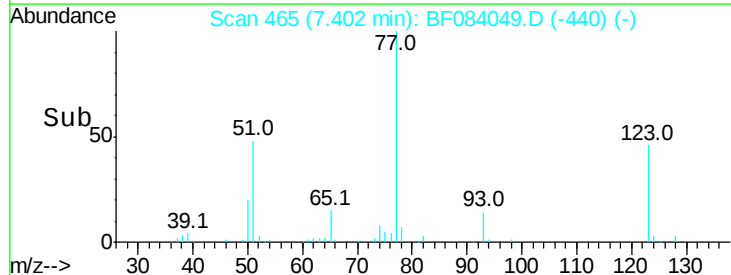
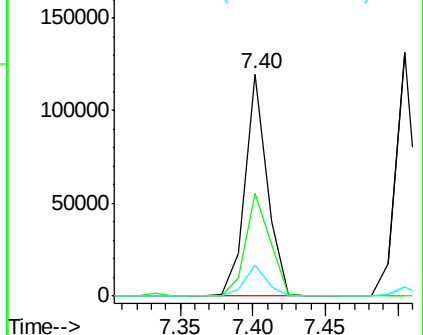
65 14.2 10.9 16.3

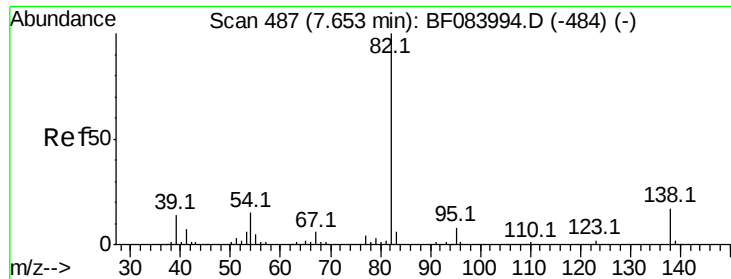


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.11 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA_F

ClientSampleId :

PB87486BS

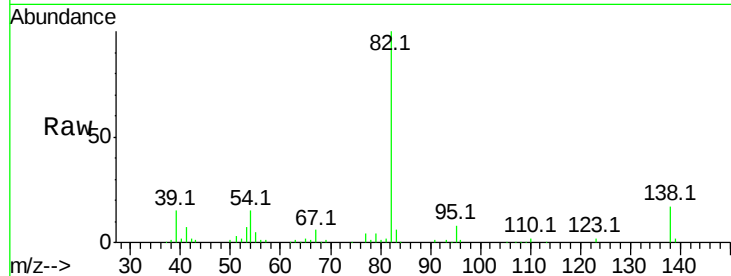
Tot Ion: 82 Resp: 241913

Ion Ratio Lower Upper

82 100

95 7.8 6.6 10.0

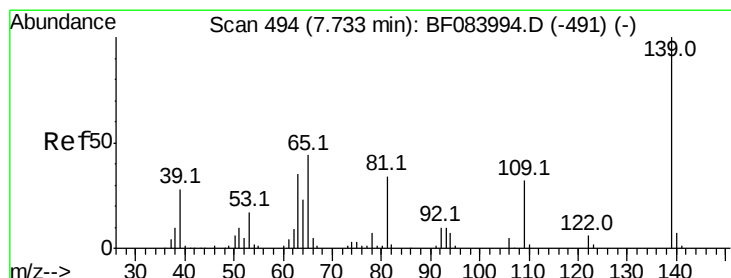
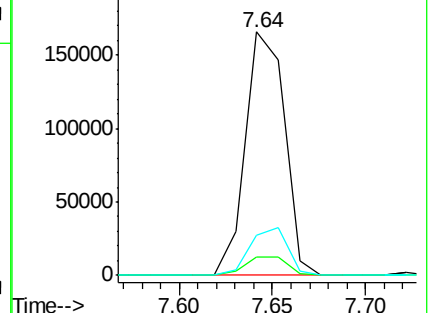
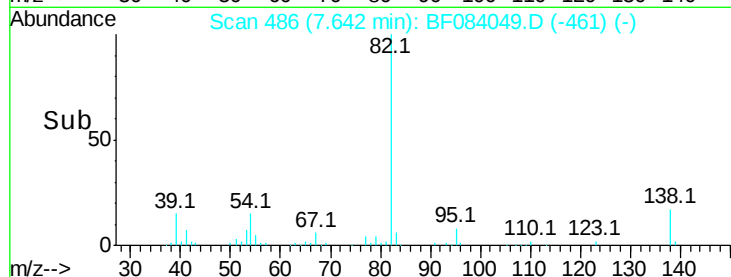
138 16.7 13.6 20.4



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: 36.51 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

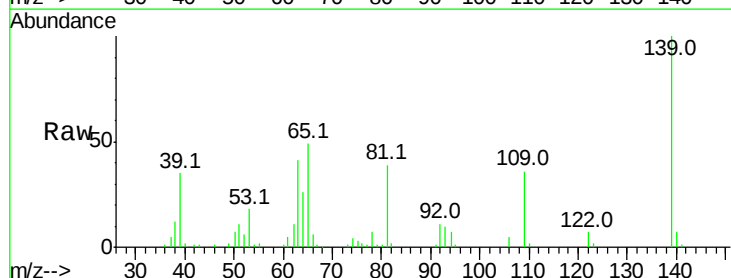
Tgt Ion: 139 Resp: 64467

Ion Ratio Lower Upper

139 100

109 36.3 25.4 38.2

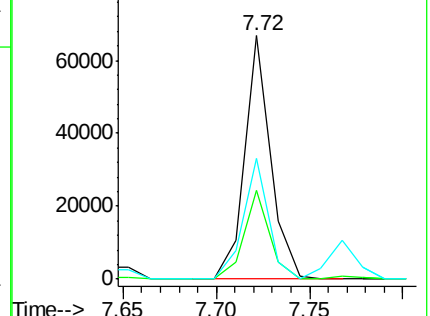
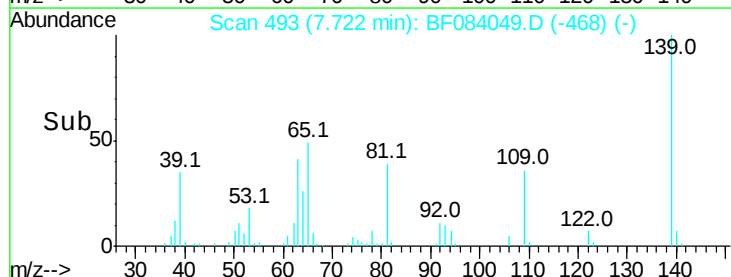
65 49.3 32.3 48.5#

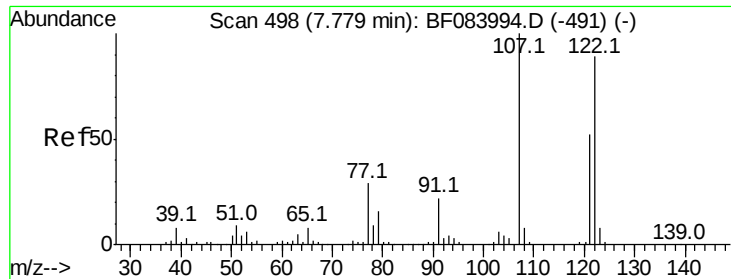


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

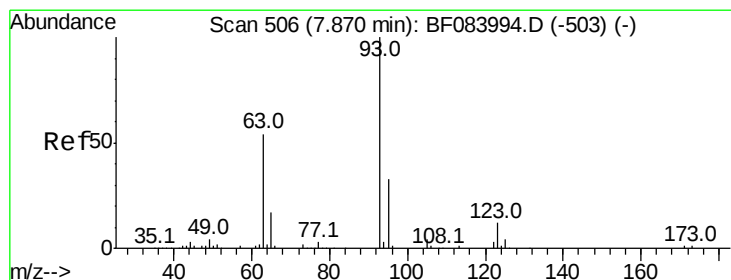
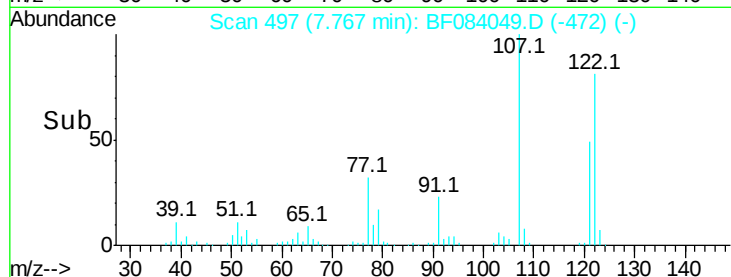
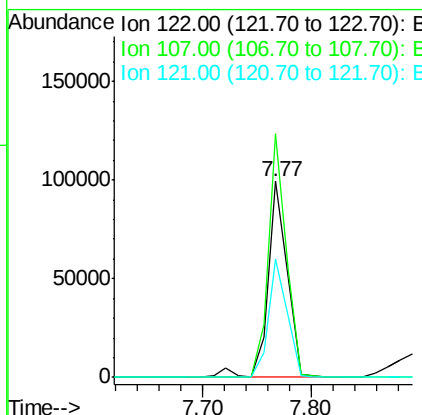
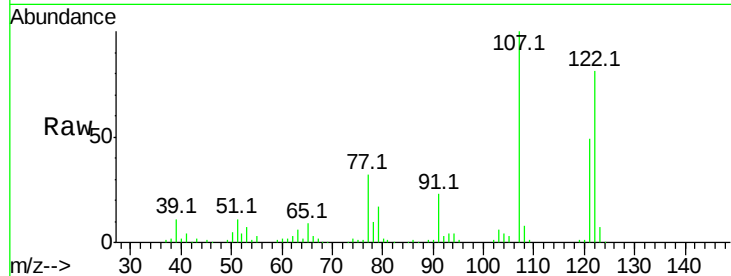




#27
 2,4-Dimethylphenol
 Concen: 39.69 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF084049.D
 Acq: 23 Dec 2015 22:36

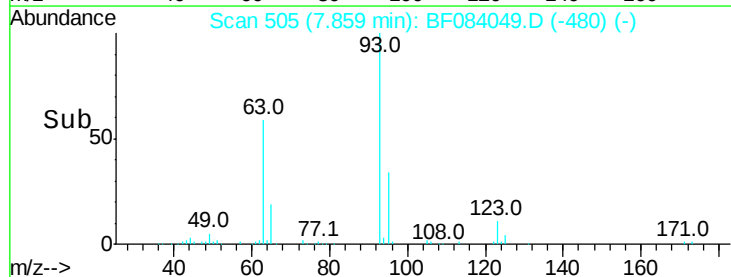
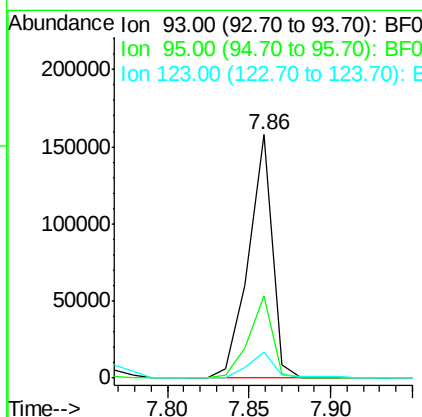
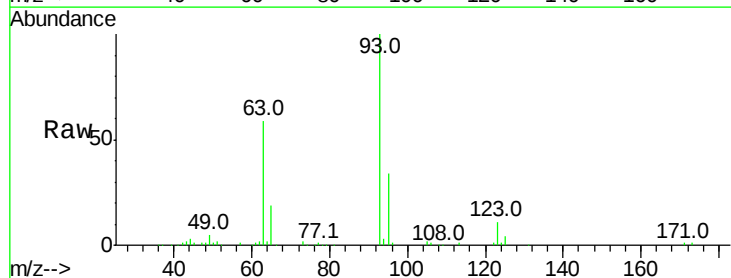
Instrument :
 BNA_F
 ClientSampleId :
 PB87486BS

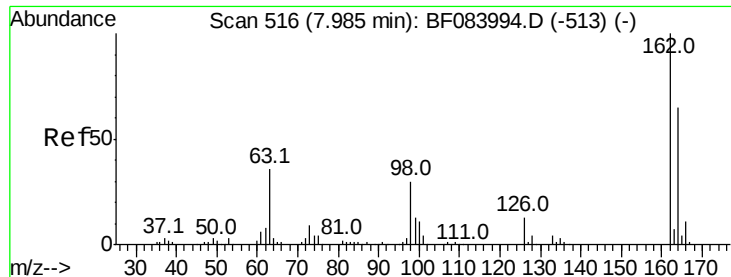
Tot Ion	Ratio	Lower	Upper
122	100		
107	124.1	99.1	148.7
121	60.5	47.9	71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.72 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF084049.D
 Acq: 23 Dec 2015 22:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	25.8	38.6
123	10.9	8.6	12.8

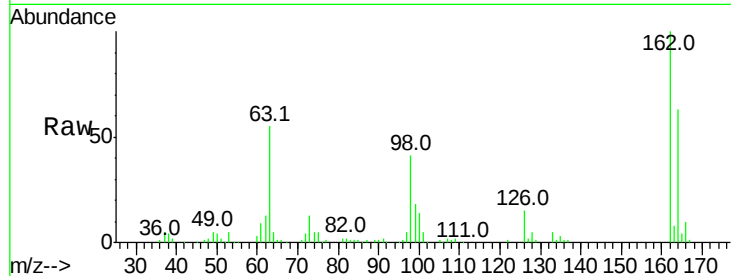




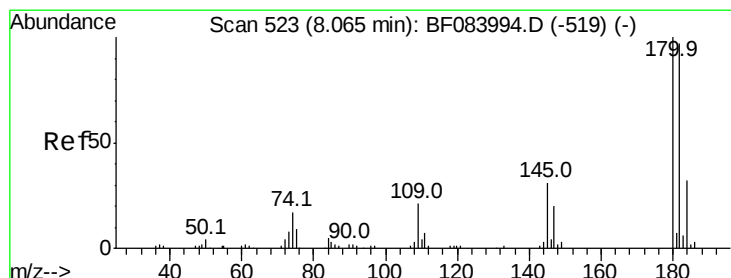
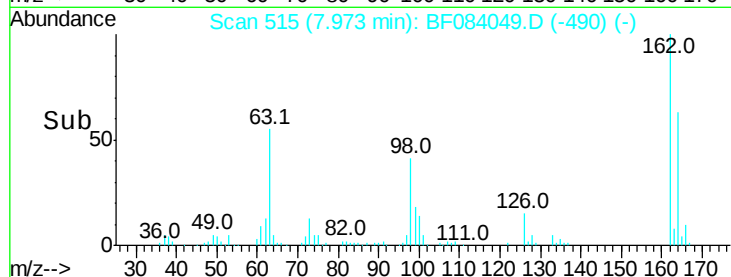
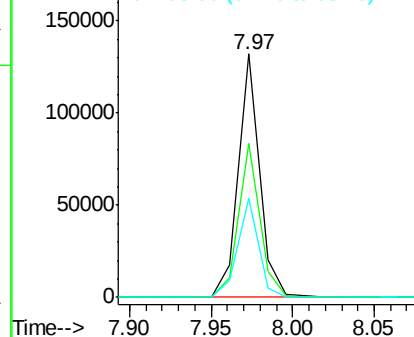
#29
 2,4-Dichlorophenol
 Concen: 43.01 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF084049.D
 Acq: 23 Dec 2015 22:36

Instrument :
 BNA_F
 ClientSampleId :
 PB87486BS

Tot Ion:162 Resp: 118229
 Ion Ratio Lower Upper
 162 100
 164 63.3 44.1 84.1
 98 40.6 20.2 60.2

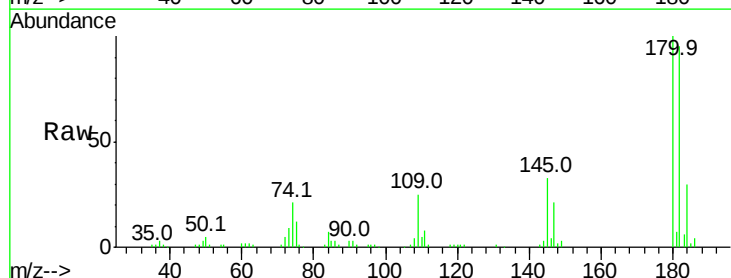


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

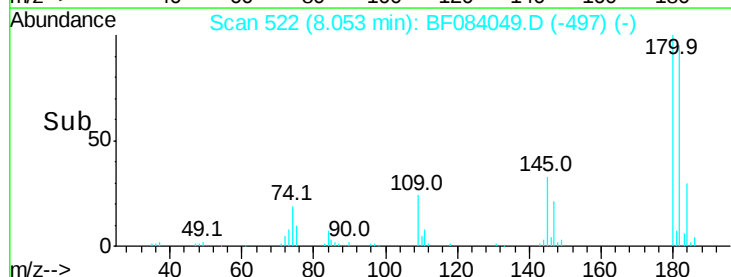
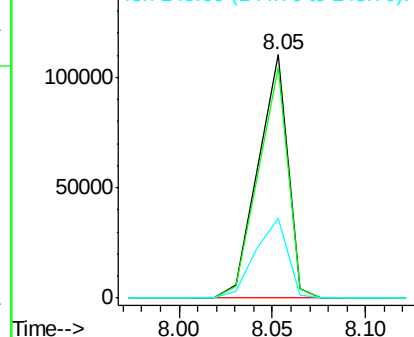


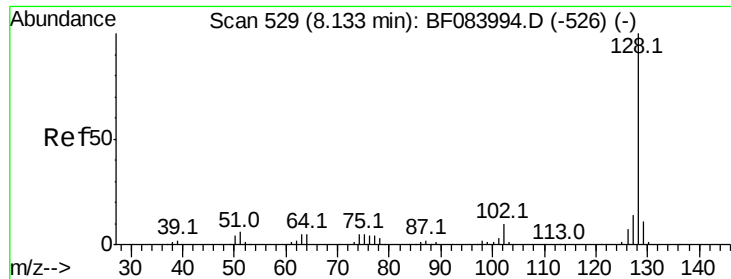
#30
 1,2,4-Trichlorobenzene
 Concen: 42.44 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF084049.D
 Acq: 23 Dec 2015 22:36

Tgt Ion:180 Resp: 121698
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.4 114.6
 145 32.7 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

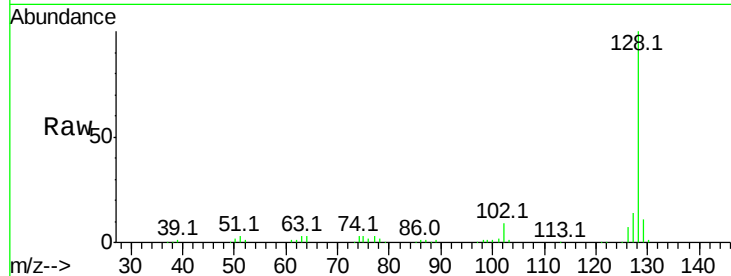




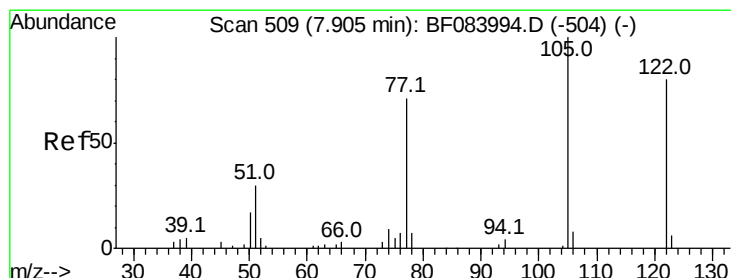
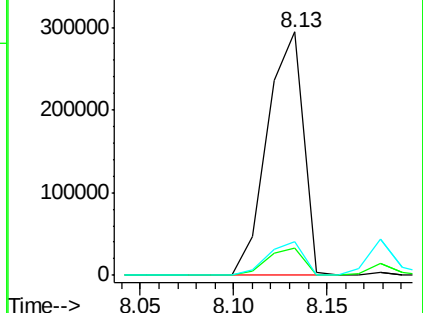
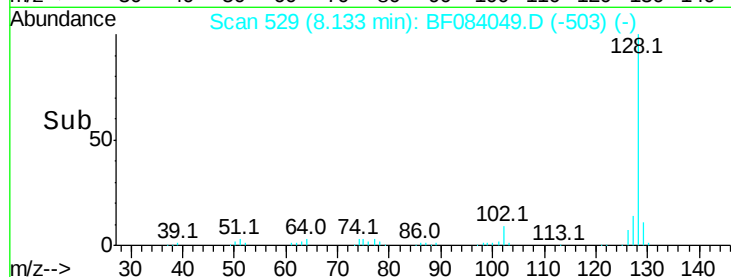
#31
Naphthalene
Concen: 39.95 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

Instrument :
BNA_F
ClientSampleId :
PB87486BS

Tot Ion:128 Resp: 399039
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.7 11.1 16.7

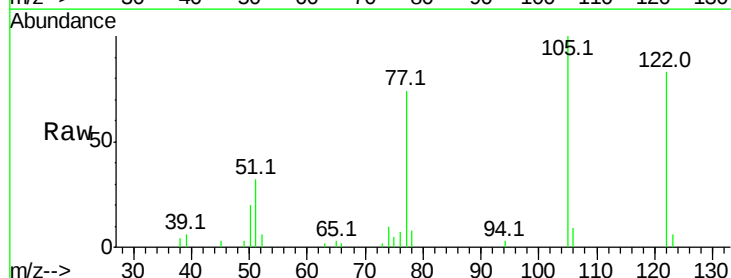


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

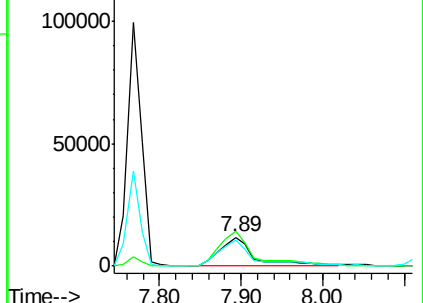
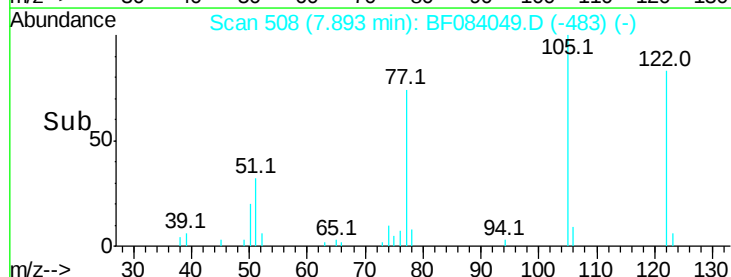


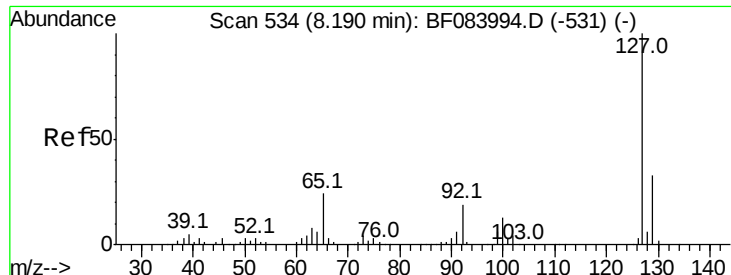
#32
Benzoic acid
Concen: 27.73 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

Tgt Ion:122 Resp: 35803
Ion Ratio Lower Upper
122 100
105 121.1 100.3 140.3
77 89.9 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

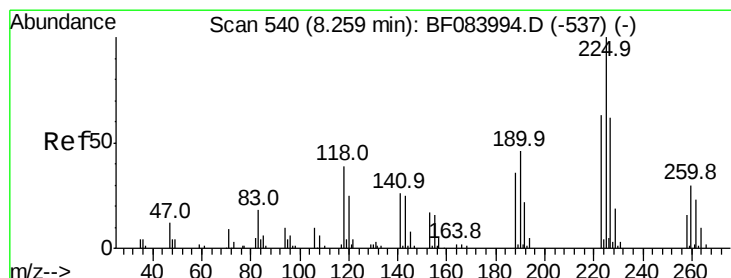
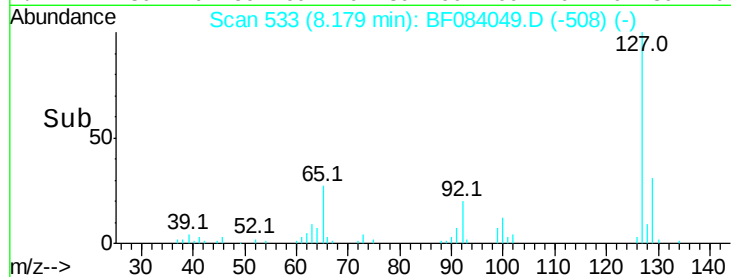
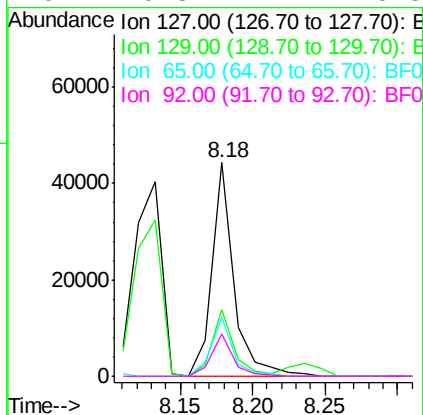
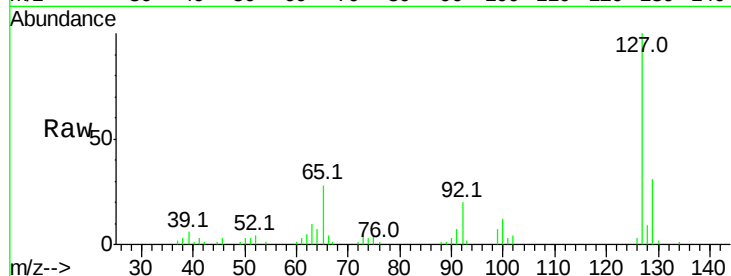




#33
4-Chloroaniline
Concen: 11.38 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

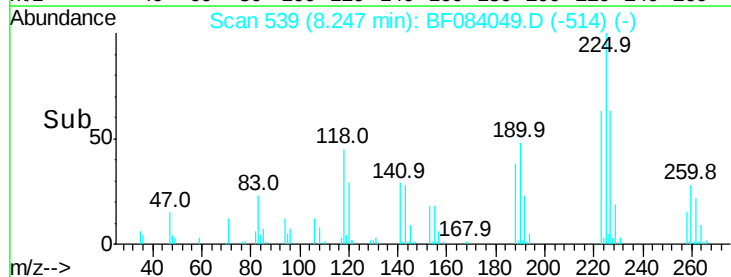
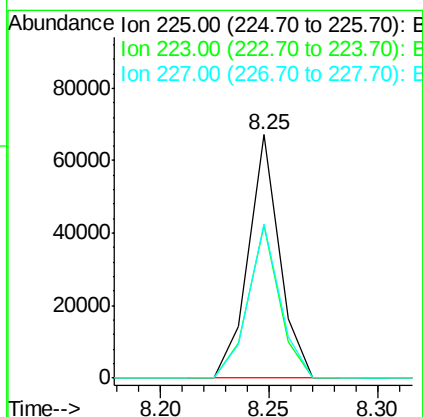
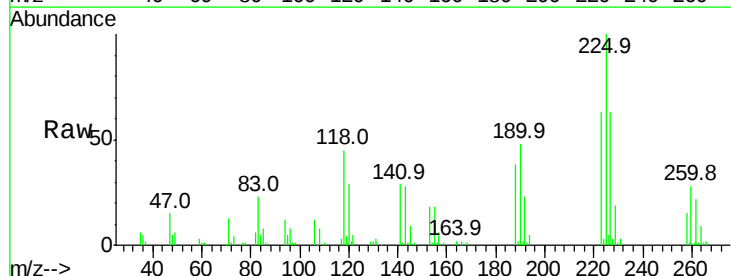
Instrument :
BNA_F
ClientSampleId :
PB87486BS

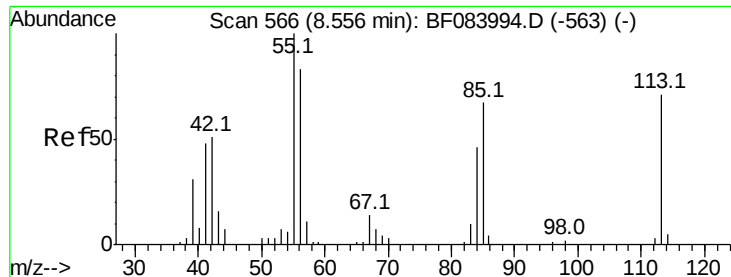
Tot Ion:	127	Resp:	46490
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.5	39.7
65	27.6	27.2	40.8
92	19.8	17.7	26.5



#34
Hexachlorobutadiene
Concen: 39.13 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

Tgt Ion:	225	Resp:	67066
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.0
227	63.2	50.8	76.2





#35

Caprolactam

Concen: 38.67 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA_F

ClientSampleId :

PB87486BS

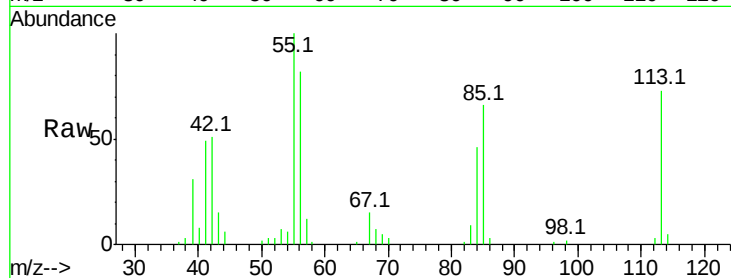
Tot Ion:113 Resp: 31949

Ion Ratio Lower Upper

113 100

55 136.4 116.9 156.9

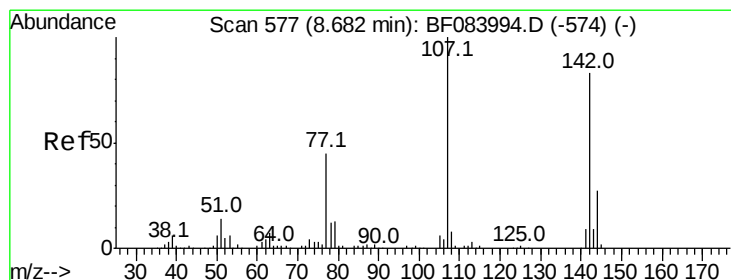
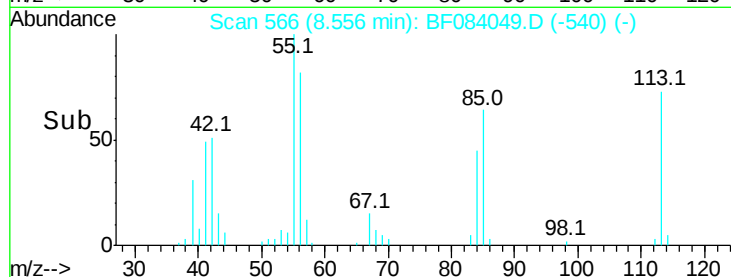
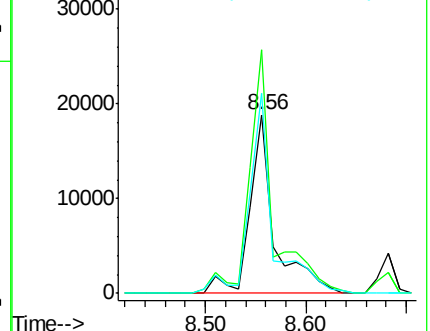
56 112.0 93.8 133.8



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: 46.55 ng

RT: 8.68 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

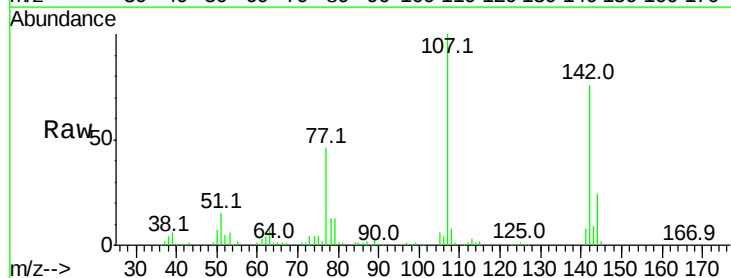
Tgt Ion:107 Resp: 136897

Ion Ratio Lower Upper

107 100

144 24.2 19.7 29.5

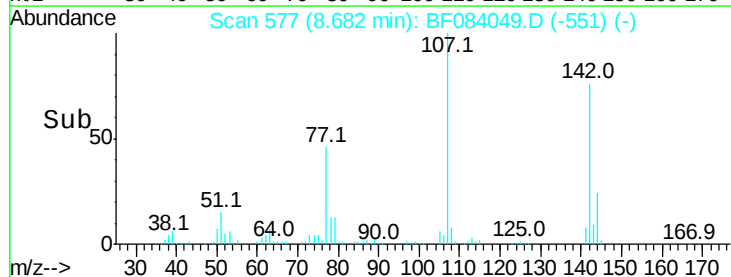
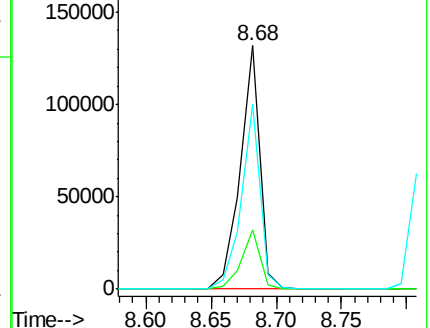
142 75.8 61.8 92.6

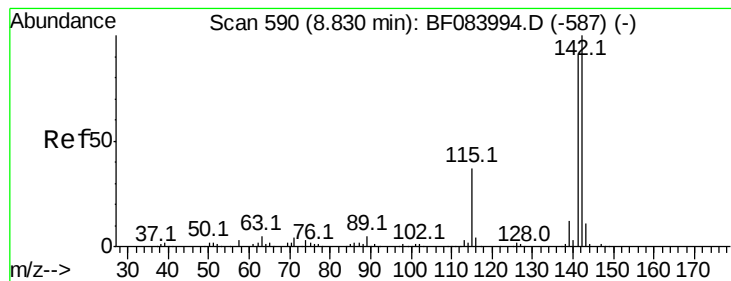


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.74 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA_F

ClientSampleId :

PB87486BS

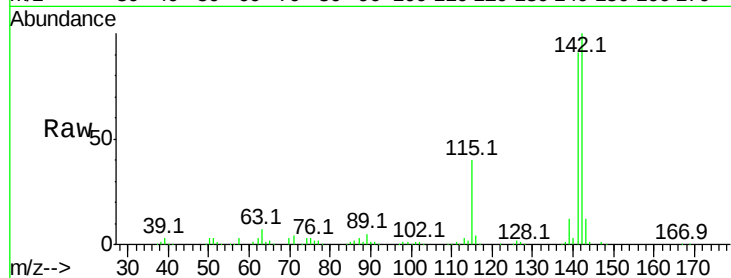
Tot Ion:142 Resp: 269991

Ion Ratio Lower Upper

142 100

141 91.0 72.4 108.6

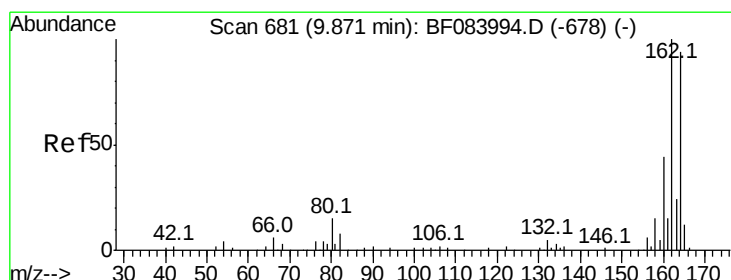
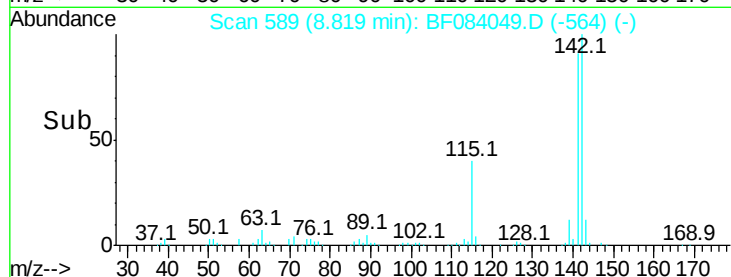
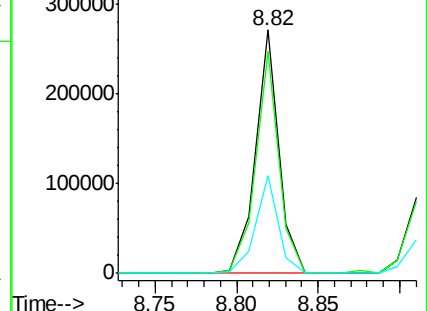
115 40.1 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

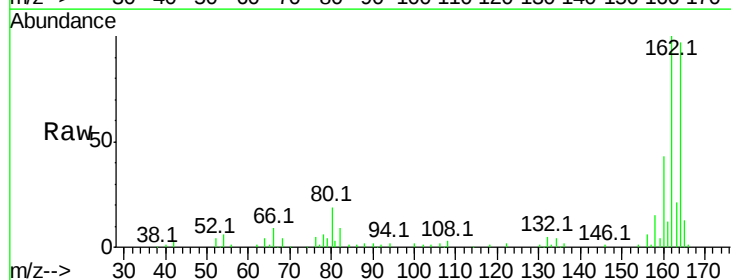
Tgt Ion:164 Resp: 90524

Ion Ratio Lower Upper

164 100

162 103.5 85.1 127.7

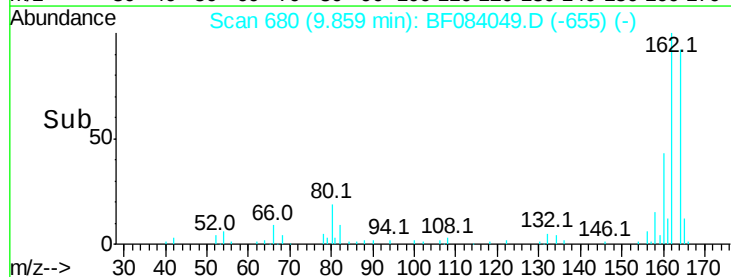
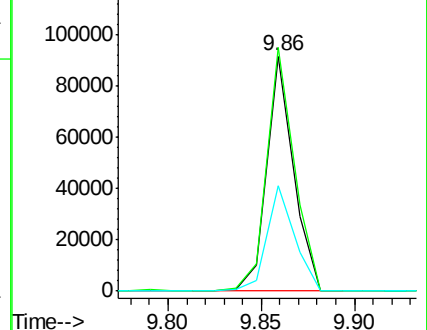
160 44.9 37.5 56.3

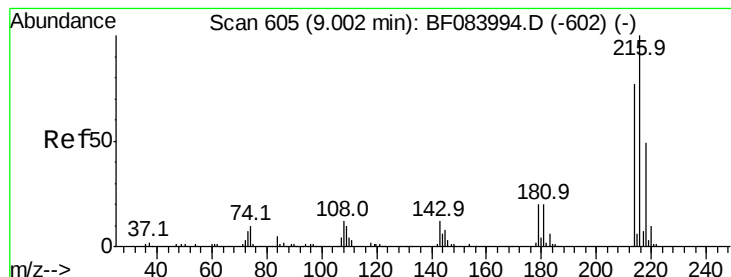


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.88 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA_F

ClientSampleId :

PB87486BS

Tot Ion:216 Resp: 116683

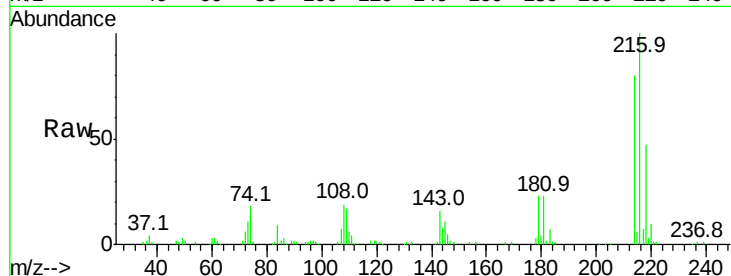
Ion Ratio Lower Upper

216 100

214 80.2 64.2 96.2

179 23.5 18.7 28.1

108 21.3 16.8 25.2

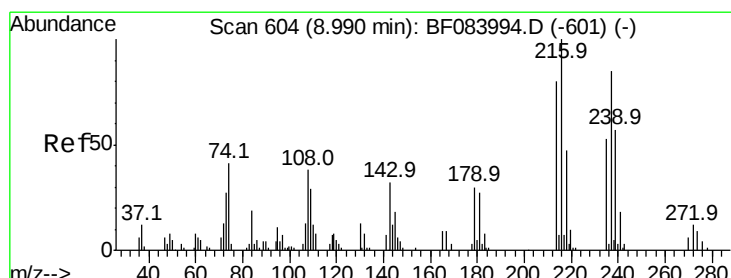
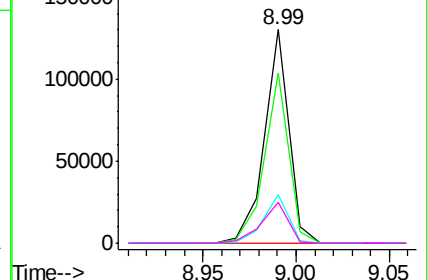
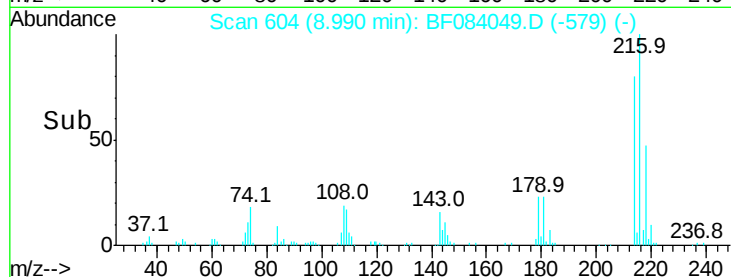


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.64 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

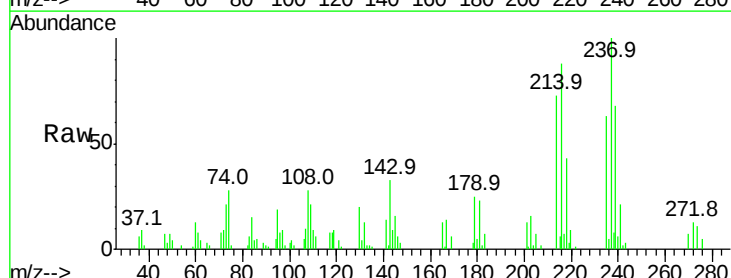
Tgt Ion:237 Resp: 27493

Ion Ratio Lower Upper

237 100

235 63.3 43.1 83.1

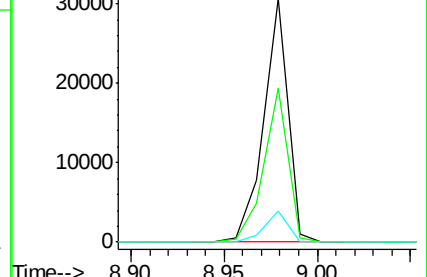
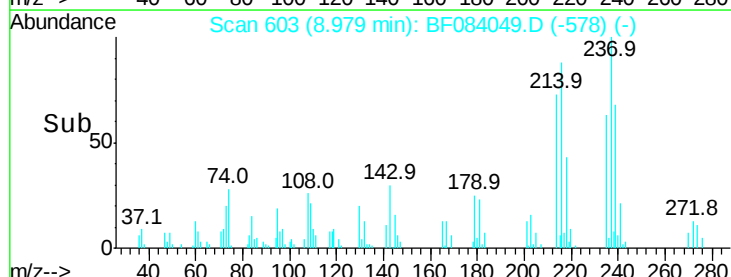
272 12.8 0.0 35.1

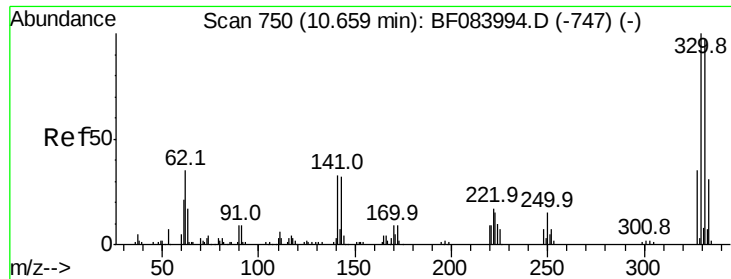


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

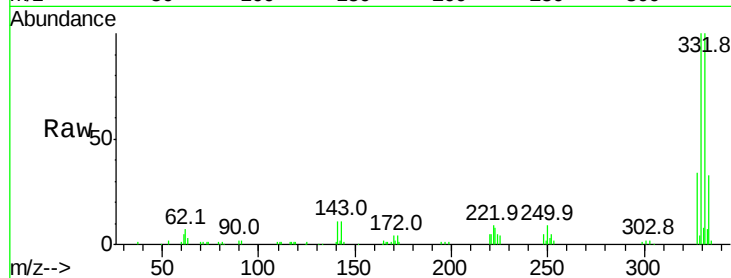




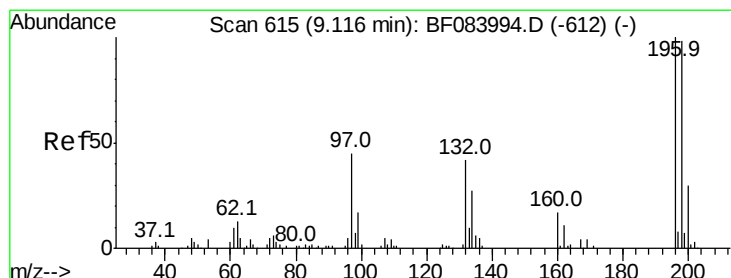
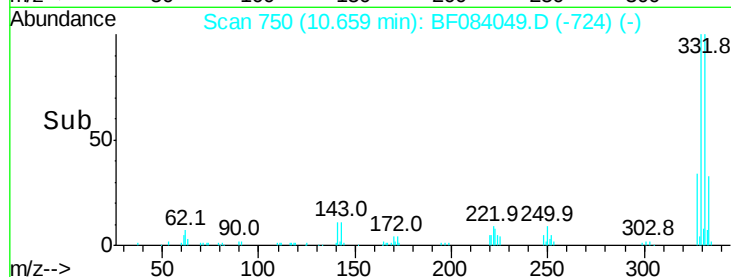
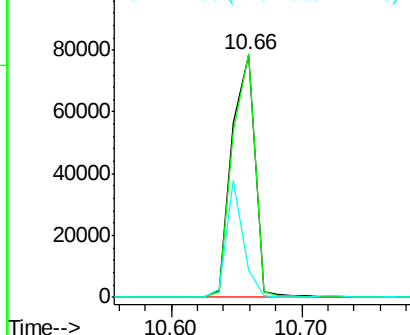
#41
 2,4,6-Tribromophenol
 Concen: 110.83 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084049.D
 Acq: 23 Dec 2015 22:36

Instrument :
 BNA_F
 ClientSampleId :
 PB87486BS

Tot Ion:330 Resp: 96502
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 35.4 27.8 41.6

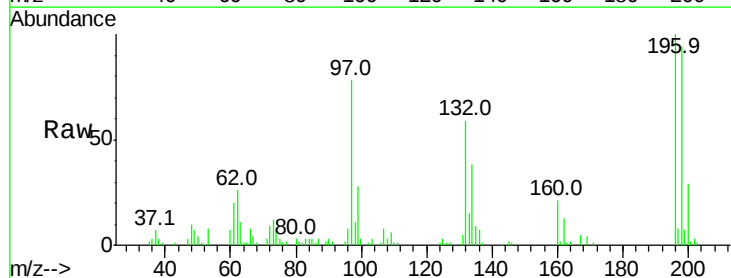


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

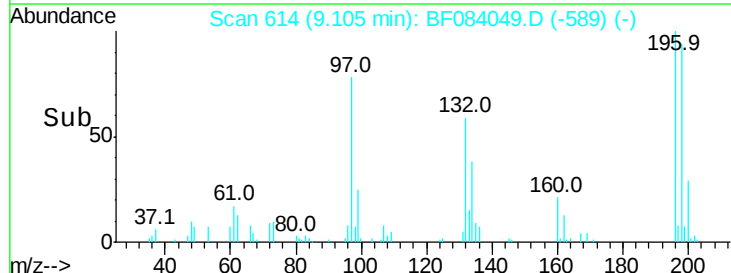
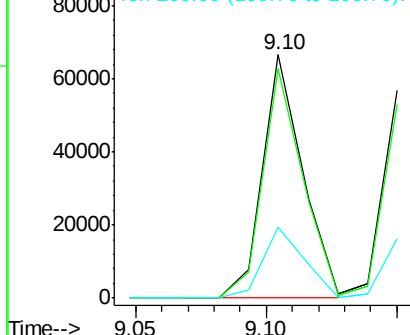


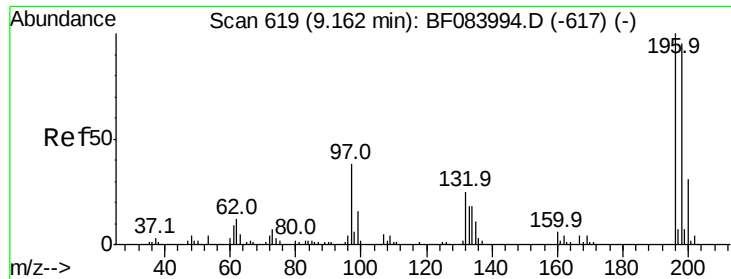
#42
 2,4,6-Trichlorophenol
 Concen: 42.98 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF084049.D
 Acq: 23 Dec 2015 22:36

Tgt Ion:196 Resp: 70430
 Ion Ratio Lower Upper
 196 100
 198 94.5 77.7 116.5
 200 28.9 24.6 37.0



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

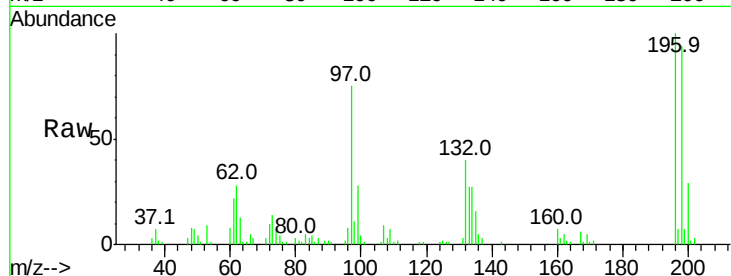




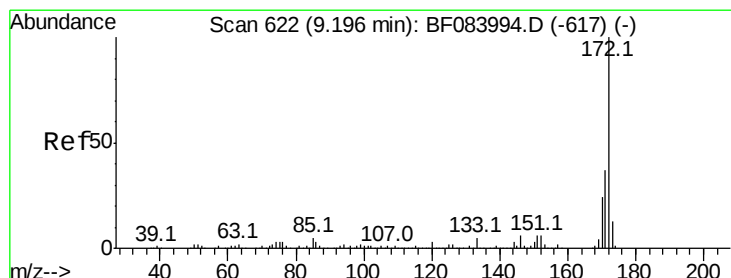
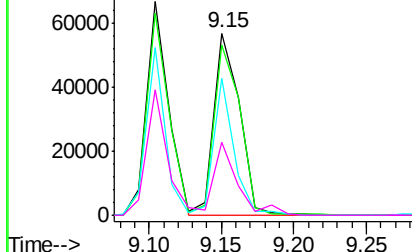
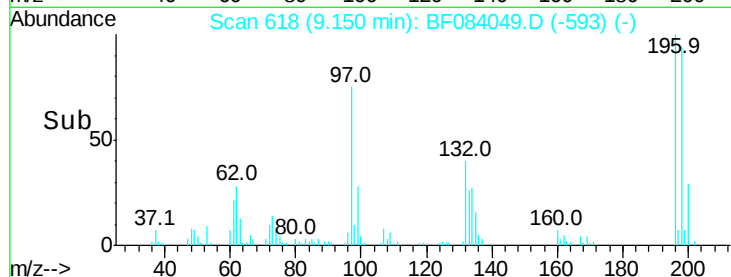
#43
 2,4,5-Trichlorophenol
 Concen: 40.90 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF084049.D
 Acq: 23 Dec 2015 22:36

Instrument :
 BNA_F
 ClientSampleId :
 PB87486BS

Tot Ion:196 Resp: 69752
 Ion Ratio Lower Upper
 196 100
 198 93.5 79.0 118.6
 97 75.3 33.0 49.6#
 132 40.4 21.1 31.7#

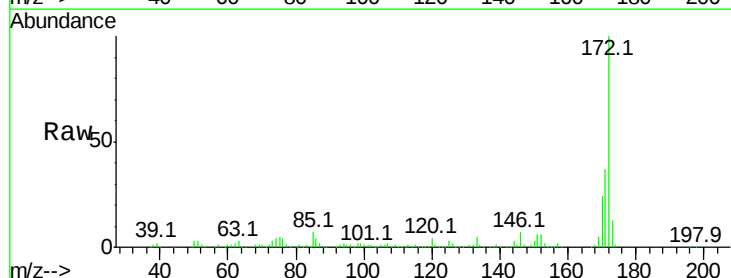


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

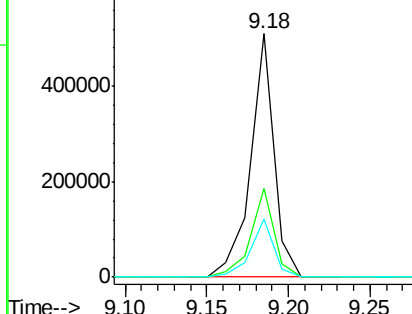
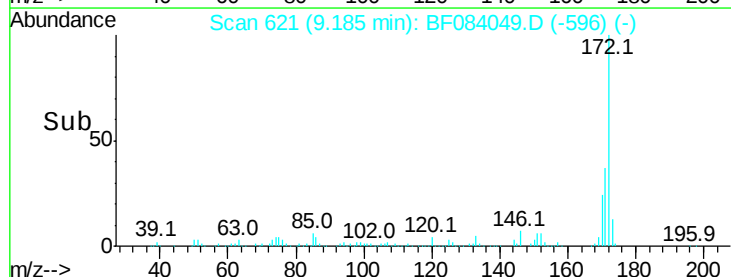


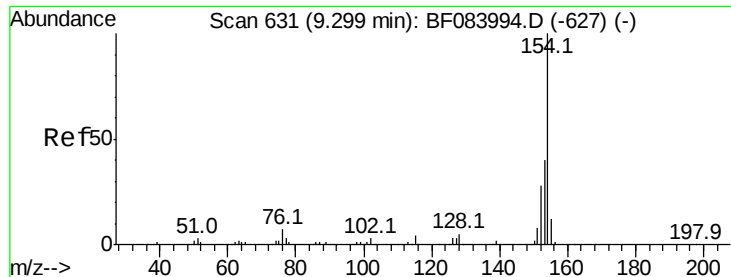
#44
 2-Fluorobiphenyl
 Concen: 75.55 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084049.D
 Acq: 23 Dec 2015 22:36

Tgt Ion:172 Resp: 508154
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 24.0 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: 43.97 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA_F

ClientSampleId :

PB87486BS

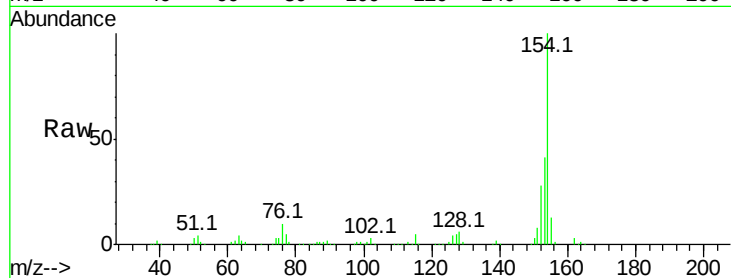
Tot Ion:154 Resp: 351845

Ion Ratio Lower Upper

154 100

153 40.7 21.6 61.6

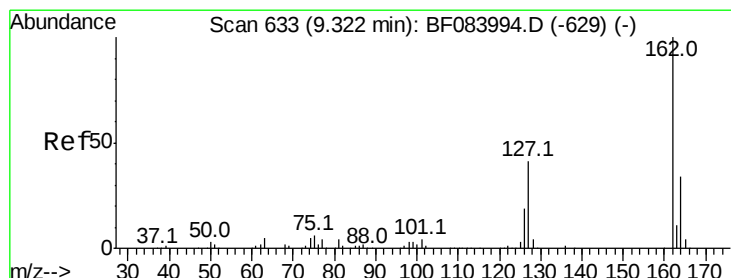
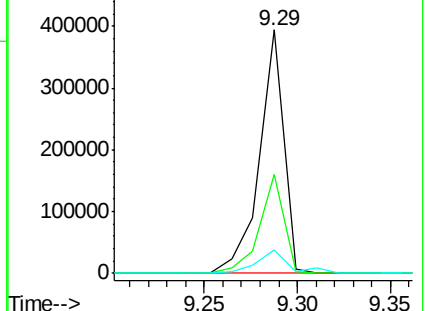
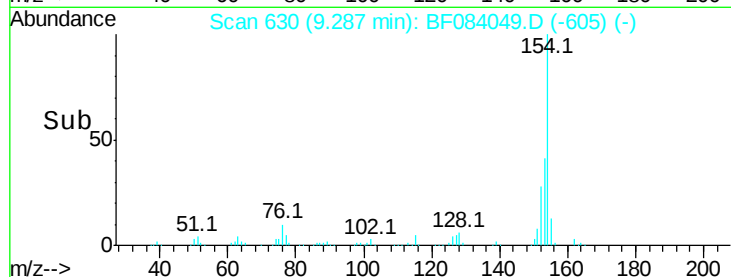
76 9.7 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.97 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

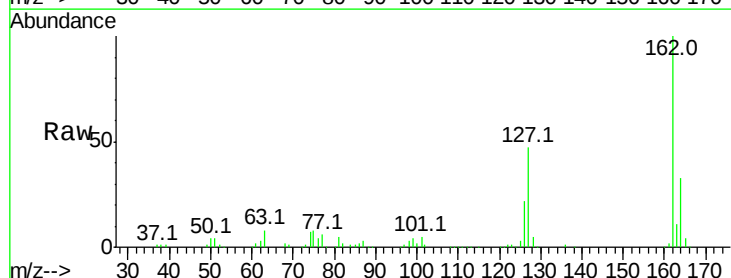
Tgt Ion:162 Resp: 247564

Ion Ratio Lower Upper

162 100

127 47.4 40.2 60.4

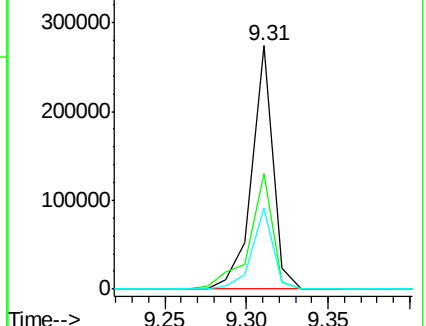
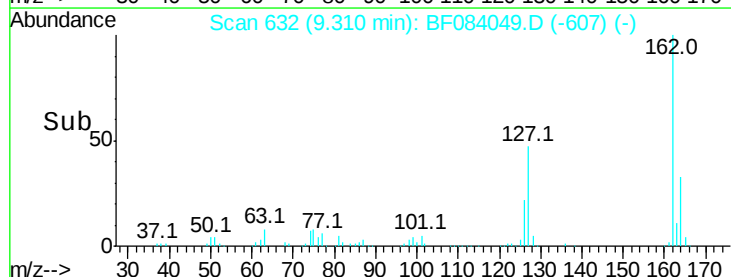
164 33.1 25.7 38.5

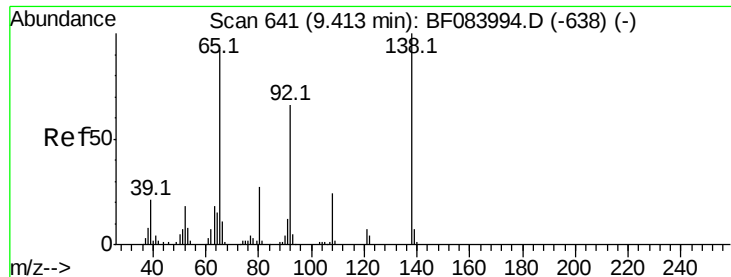


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

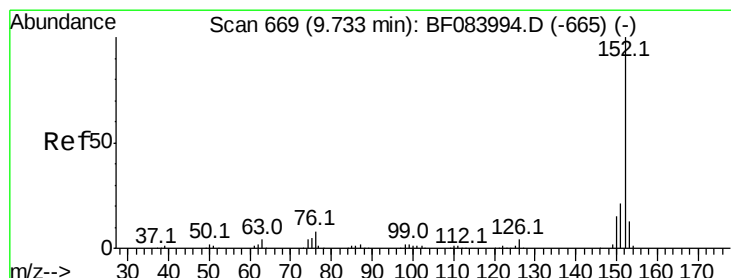
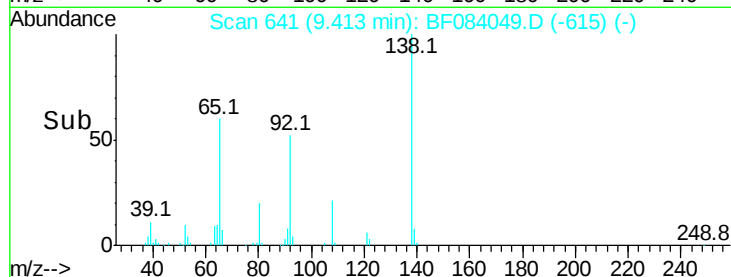
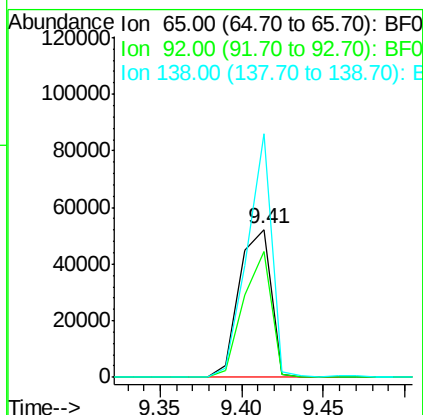
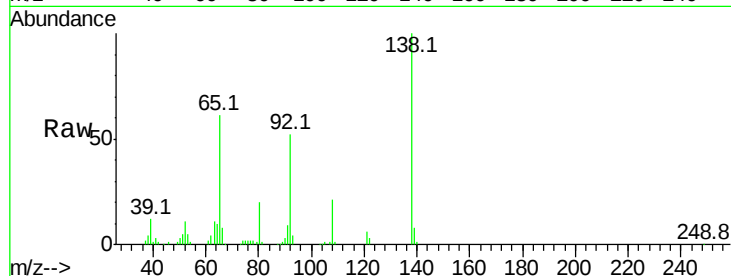




#47
2-Nitroaniline
Concen: 44.97 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

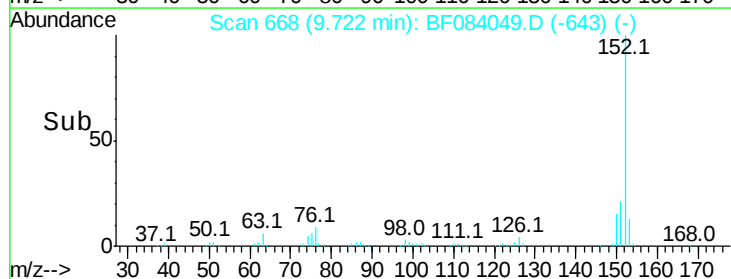
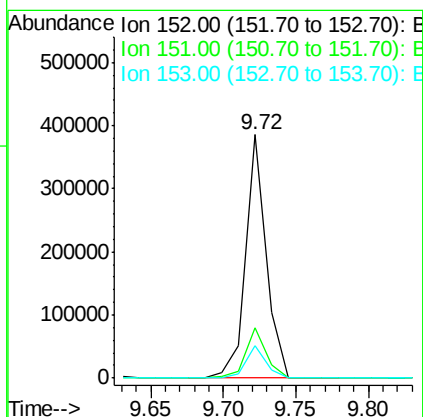
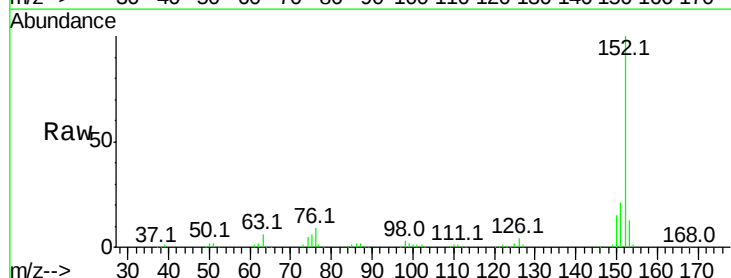
Instrument :
BNA_F
ClientSampleId :
PB87486BS

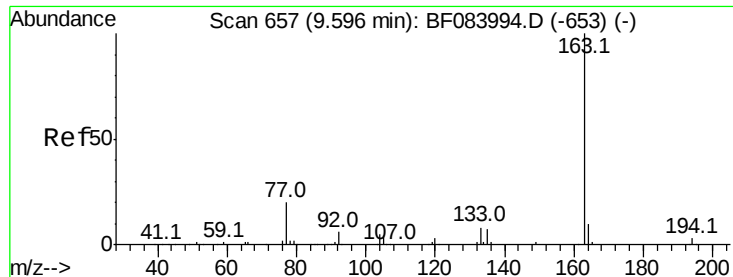
Tot Ion: 65 Resp: 70626
Ion Ratio Lower Upper
65 100
92 85.4 53.4 80.2#
138 164.5 71.1 106.7#



#48
Acenaphthylene
Concen: 41.47 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

Tgt Ion: 152 Resp: 378346
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.1 10.4 15.6

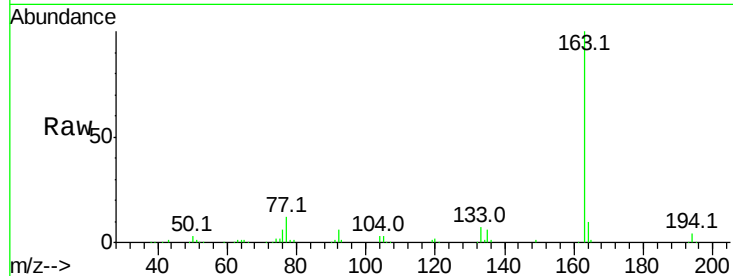




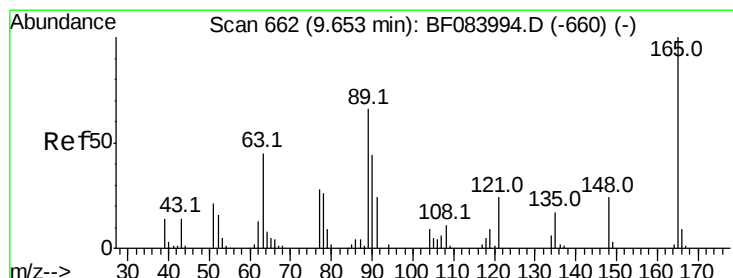
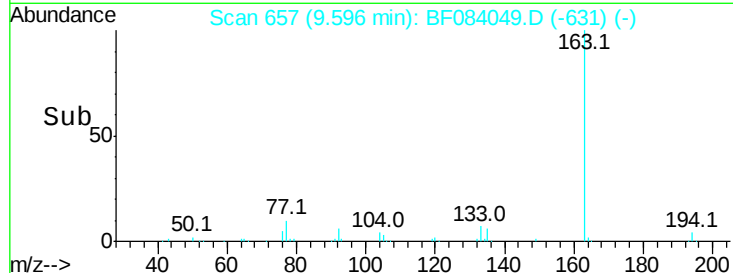
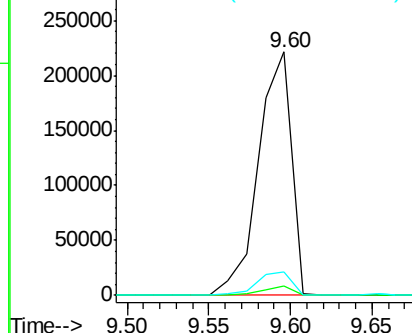
#49
Dimethylphthalate
Concen: 43.88 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

Instrument :
BNA_F
ClientSampleId :
PB87486BS

Tot Ion:163 Resp: 310824
Ion Ratio Lower Upper
163 100
194 3.9 8.0 12.0#
164 9.5 8.0 12.0

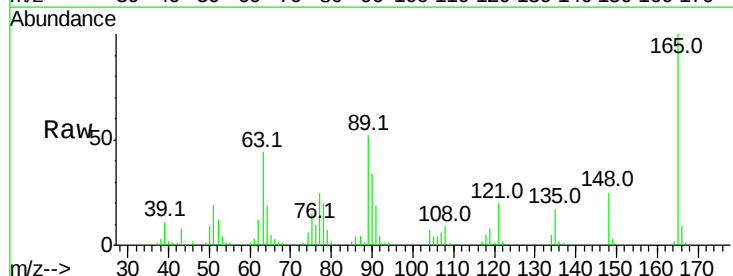


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

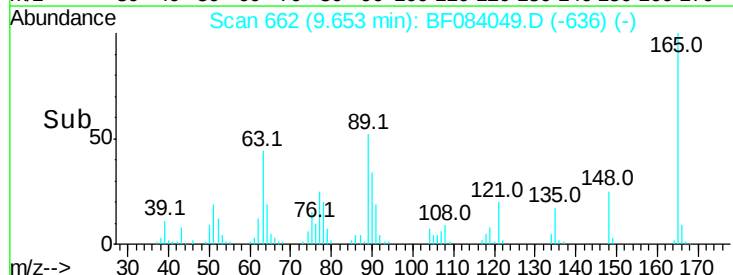
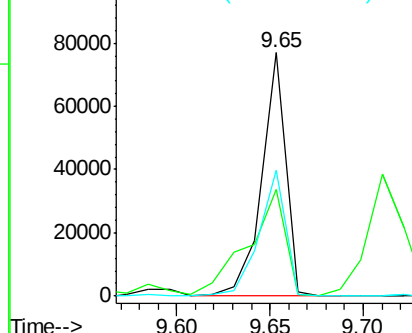


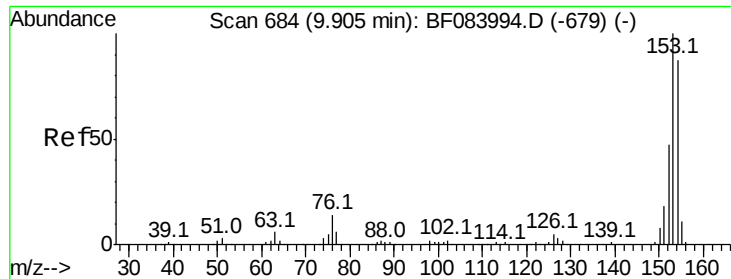
#50
2,6-Dinitrotoluene
Concen: 45.54 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

Tgt Ion:165 Resp: 68080
Ion Ratio Lower Upper
165 100
63 43.6 28.8 43.2#
89 51.7 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

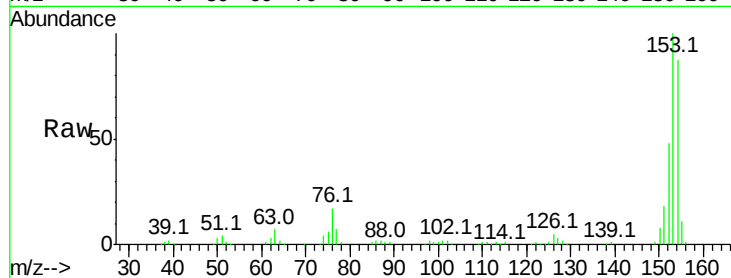




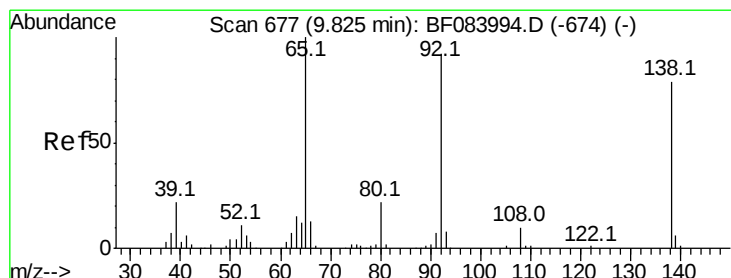
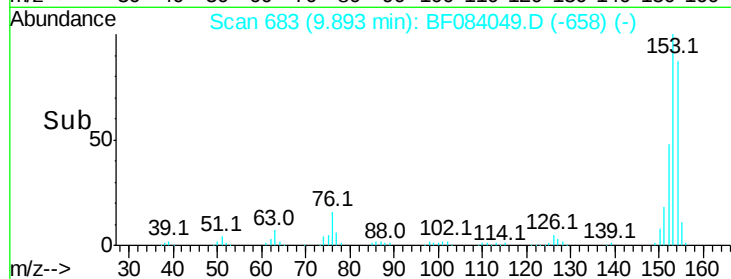
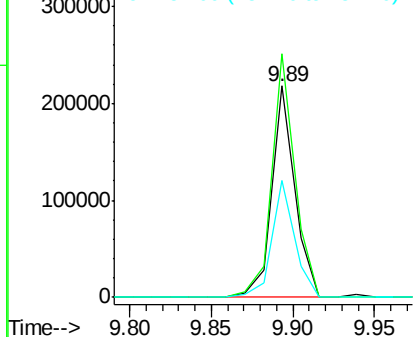
#51
Acenaphthene
Concen: 39.45 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

Instrument :
BNA_F
ClientSampleId :
PB87486BS

Tot Ion:154 Resp: 213983
Ion Ratio Lower Upper
154 100
153 115.3 91.5 137.3
152 55.3 43.0 64.6

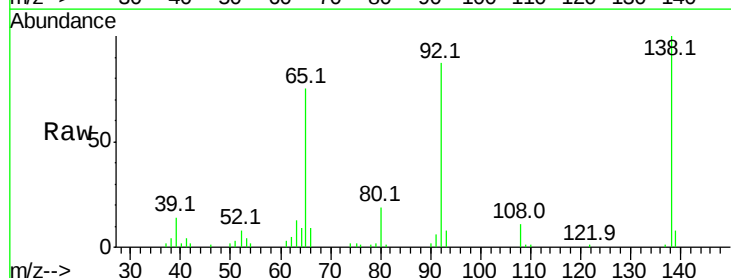


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

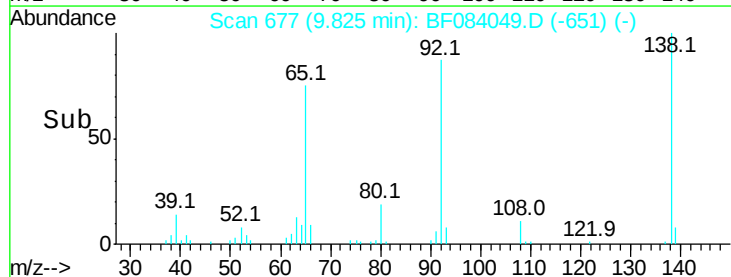
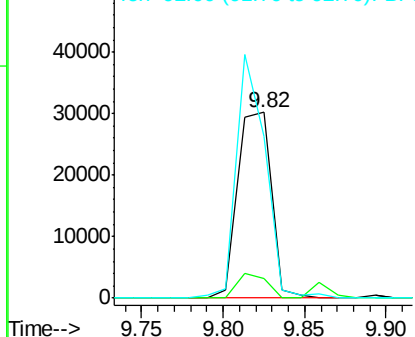


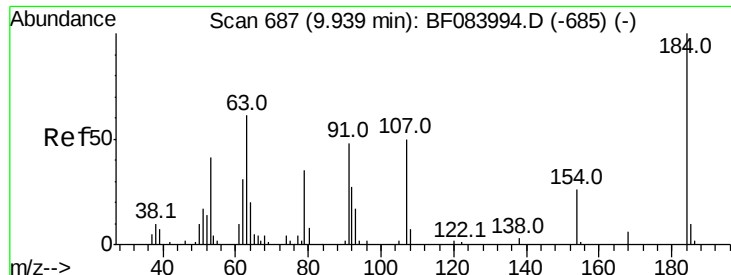
#52
3-Nitroaniline
Concen: 27.04 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

Tgt Ion:138 Resp: 42942
Ion Ratio Lower Upper
138 100
108 10.8 10.5 15.7
92 87.0 103.9 155.9#



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

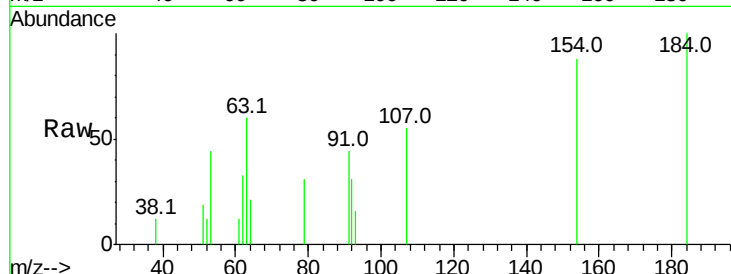




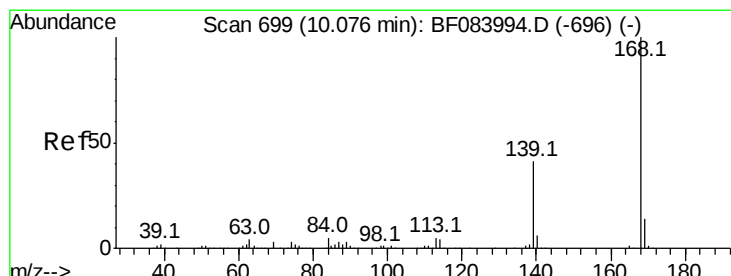
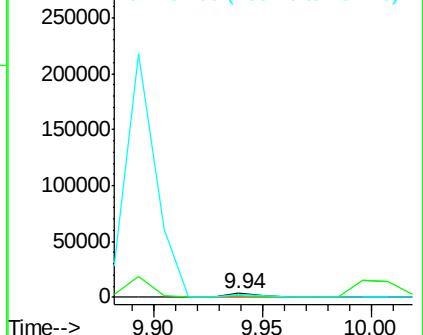
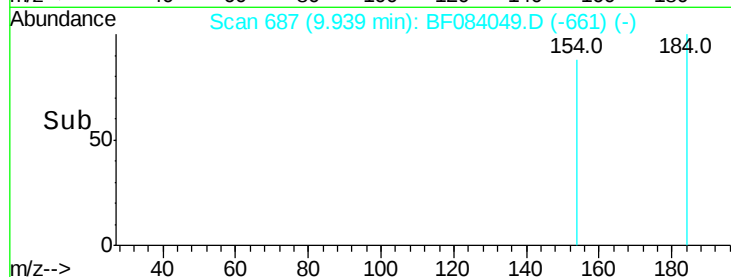
#53
 2,4-Dinitrophenol
 Concen: 13.57 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF084049.D
 Acq: 23 Dec 2015 22:36

Instrument :
 BNA_F
 ClientSampleId :
 PB87486BS

Tot Ion:184 Resp: 3954
 Ion Ratio Lower Upper
 184 100
 63 60.0 43.1 64.7
 154 87.6 60.5 90.7

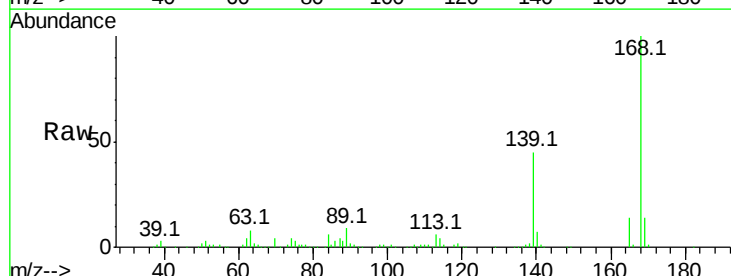


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

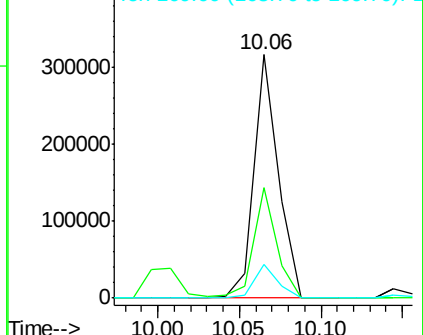
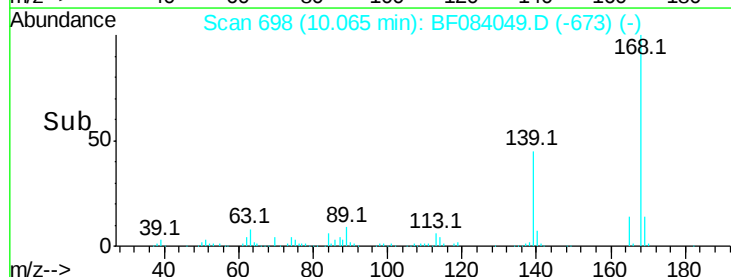


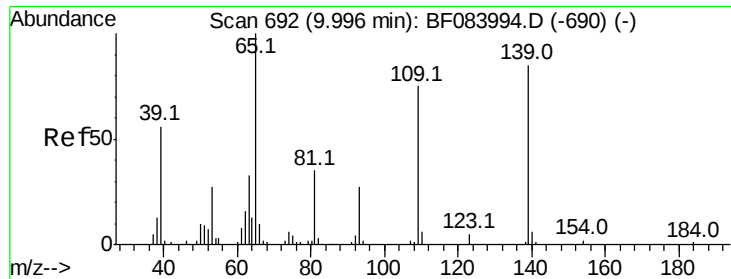
#54
 Dibenzofuran
 Concen: 40.51 ng
 RT: 10.06 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF084049.D
 Acq: 23 Dec 2015 22:36

Tgt Ion:168 Resp: 328878
 Ion Ratio Lower Upper
 168 100
 139 45.4 30.5 45.7
 169 13.7 10.4 15.6



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





#55

4-Nitrophenol

Concen: 61.34 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA_F

ClientSampleId :

PB87486BS

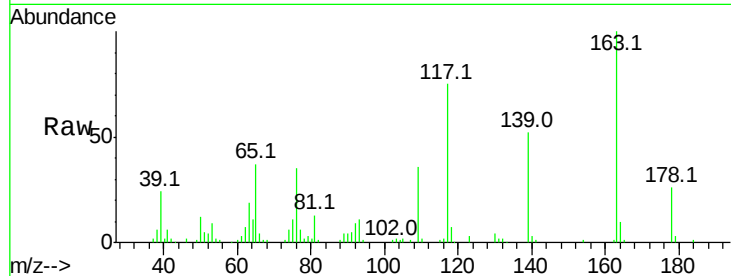
Tot Ion:139 Resp: 57238

Ion Ratio Lower Upper

139 100

109 69.2 58.5 98.5

65 70.5 57.6 97.6

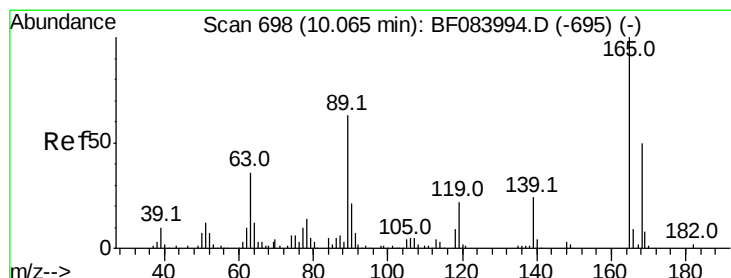
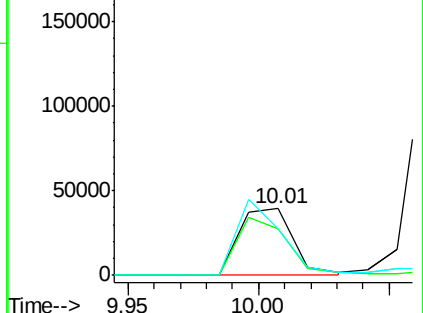
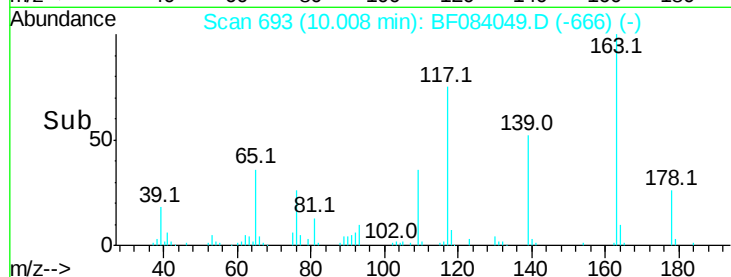


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.09 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Tgt Ion:165 Resp: 75343

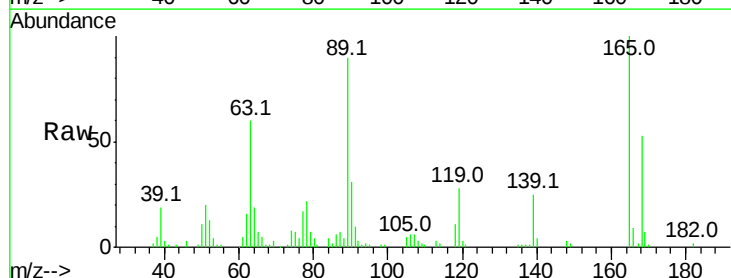
Ion Ratio Lower Upper

165 100

63 59.9 36.7 55.1#

89 89.6 61.9 92.9

182 2.2 2.0 3.0



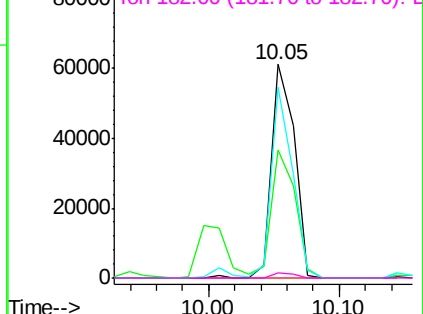
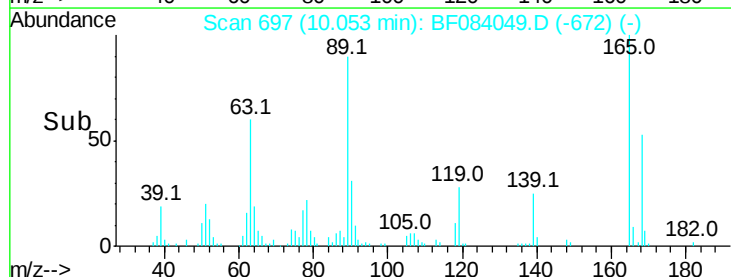
Abundance

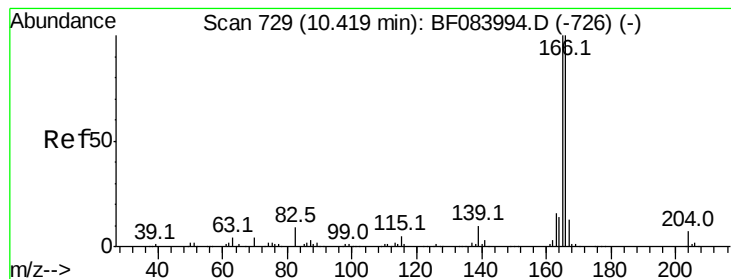
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.26 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA_F

ClientSampleId :

PB87486BS

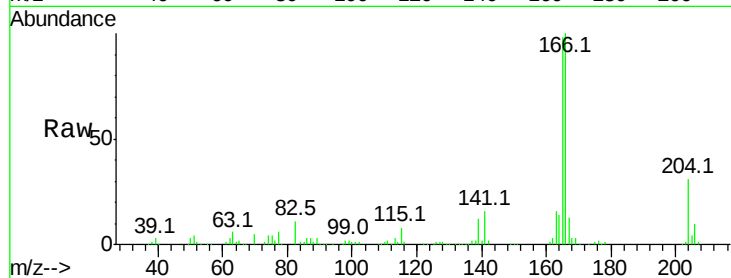
Tot Ion:166 Resp: 252552

Ion Ratio Lower Upper

166 100

165 98.1 79.1 118.7

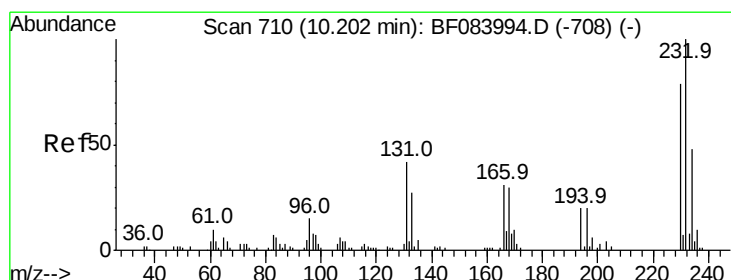
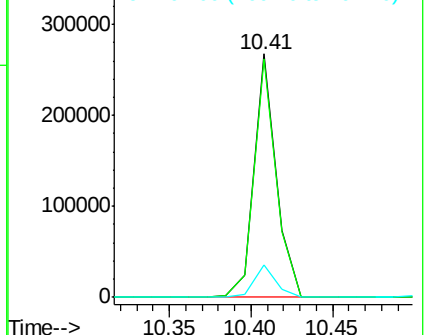
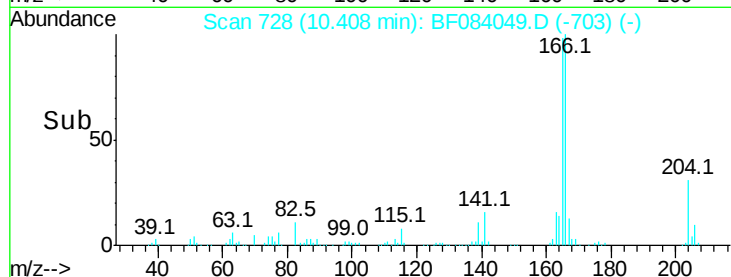
167 13.3 10.4 15.6



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: 37.10 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Tgt Ion:232 Resp: 49900

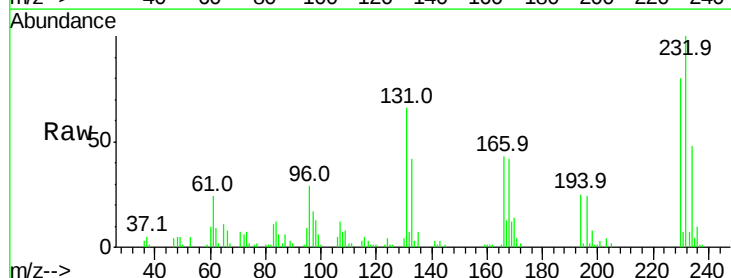
Ion Ratio Lower Upper

232 100

131 57.3 47.0 70.6

130 2.6 2.0 3.0

166 36.7 30.5 45.7

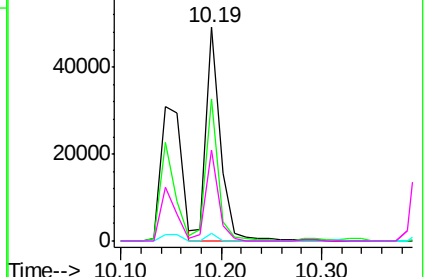
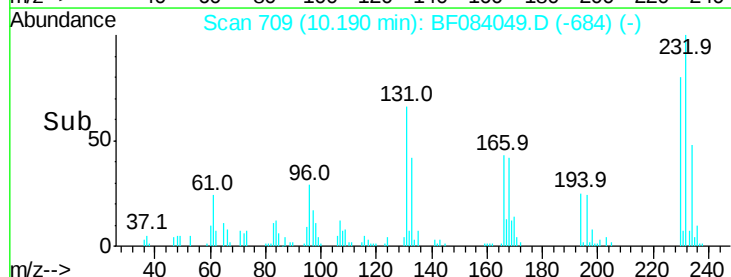


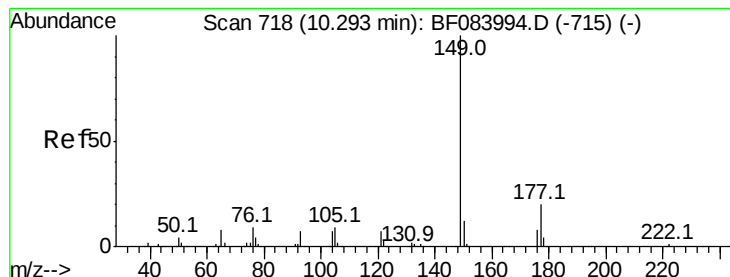
Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.60 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA_F

ClientSampleId :

PB87486BS

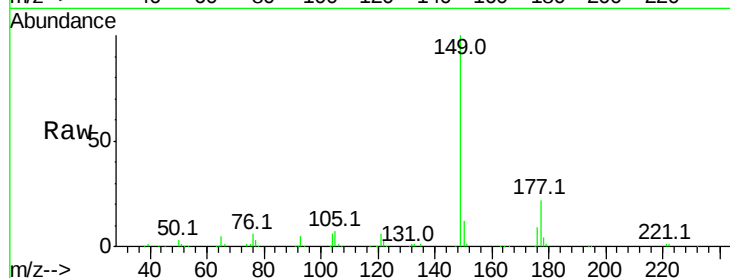
Tot Ion:149 Resp: 310520

Ion Ratio Lower Upper

149 100

177 22.2 17.3 25.9

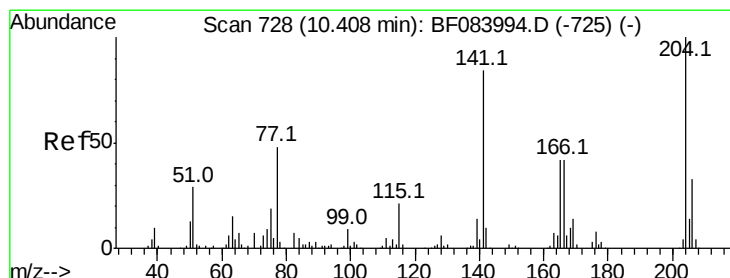
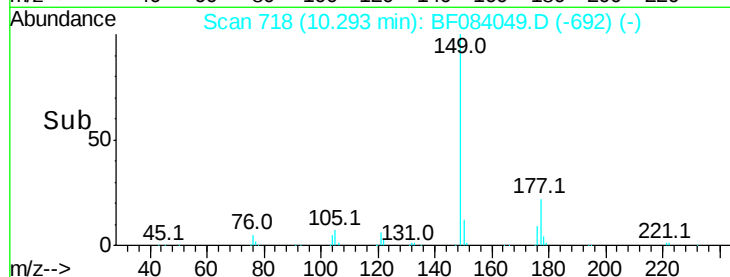
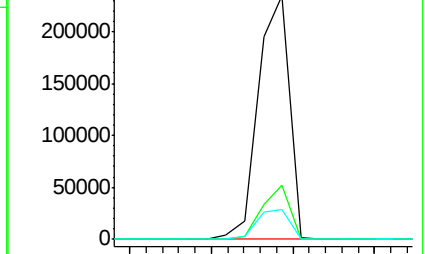
150 12.3 9.8 14.8



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: 40.30 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

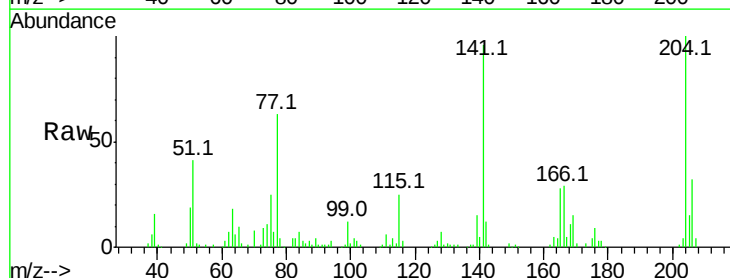
Tgt Ion:204 Resp: 118792

Ion Ratio Lower Upper

204 100

206 32.1 25.7 38.5

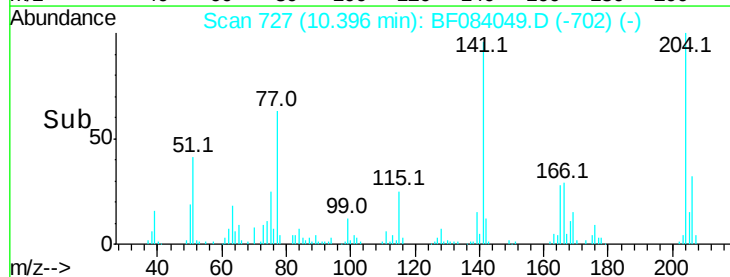
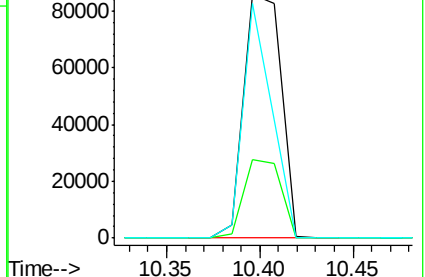
141 96.2 55.1 82.7#

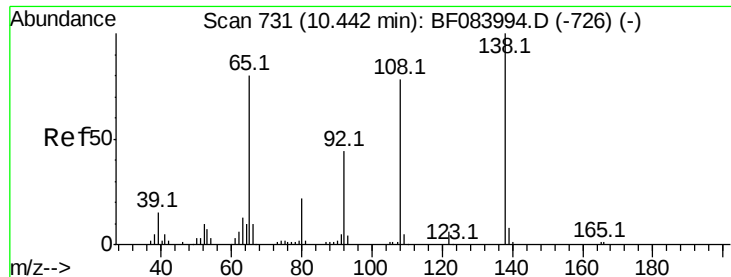


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

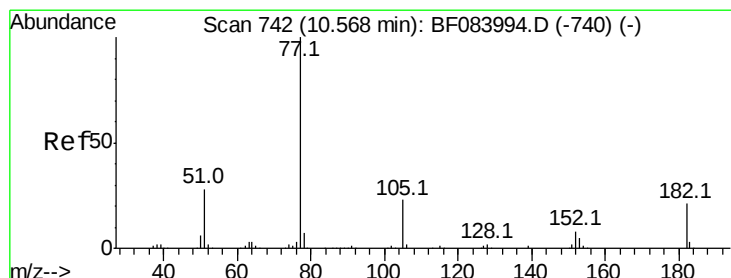
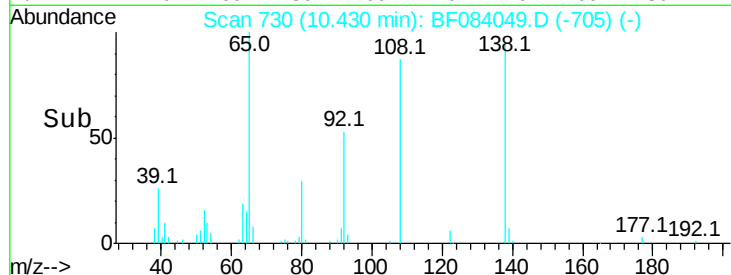
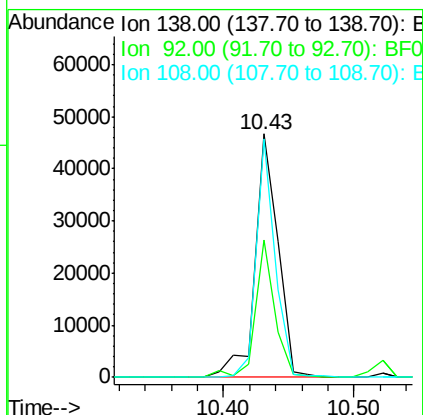
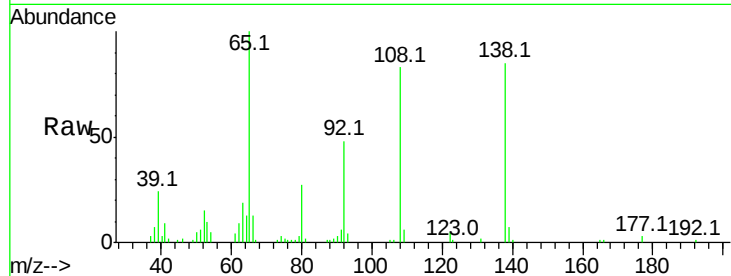




#61
4-Nitroaniline
Concen: 35.34 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

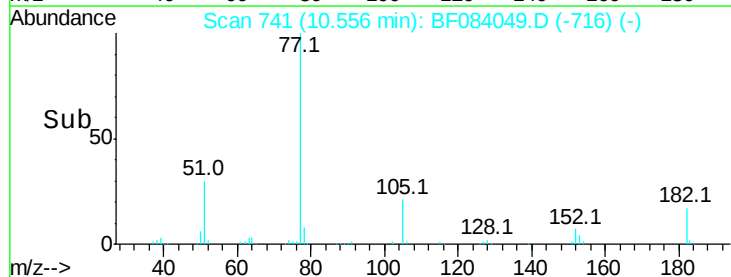
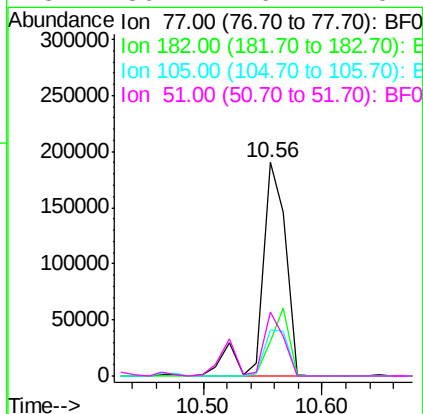
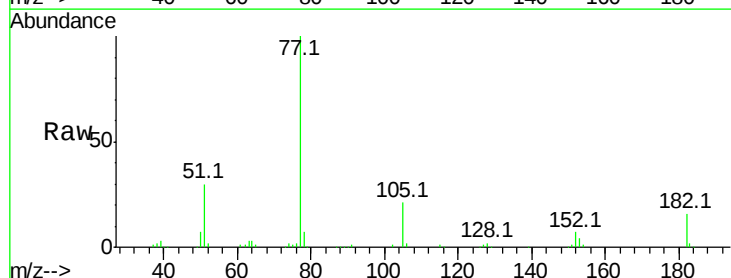
Instrument :
BNA_F
ClientSampleId :
PB87486BS

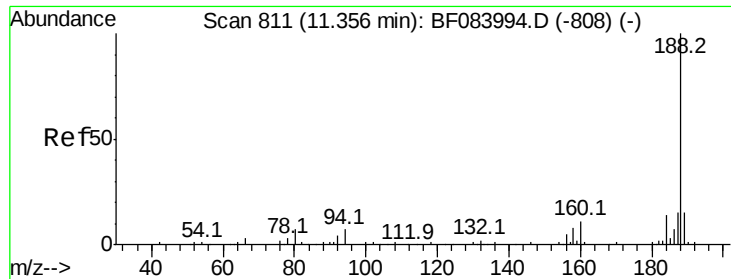
Tot Ion:138 Resp: 57404
Ion Ratio Lower Upper
138 100
92 56.4 32.6 72.6
108 97.9 68.6 108.6



#62
Azobenzene
Concen: 43.51 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

Tgt Ion: 77 Resp: 267416
Ion Ratio Lower Upper
77 100
182 16.5 8.3 48.3
105 21.4 4.6 44.6
51 30.1 6.2 46.2

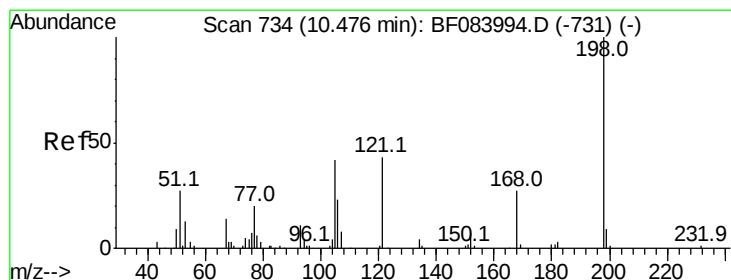
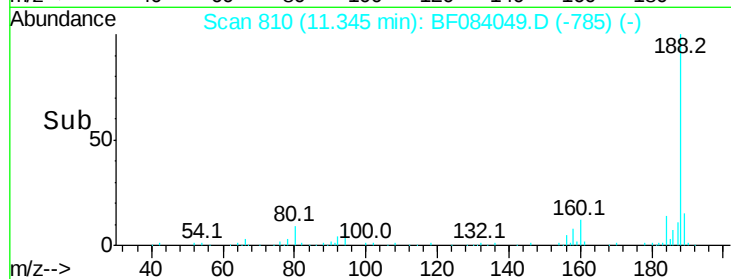
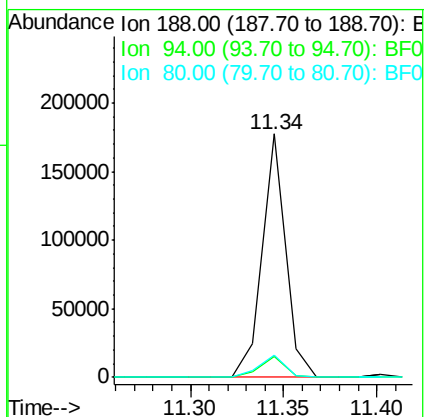
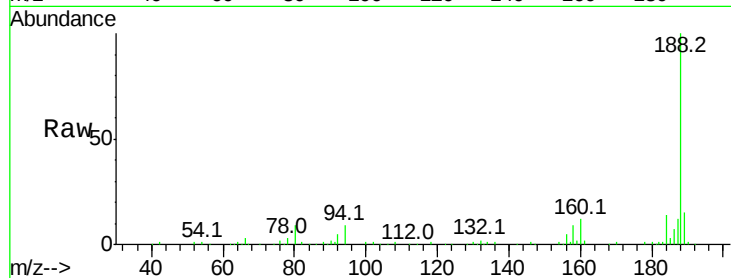




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF084049.D
 Acq: 23 Dec 2015 22:36

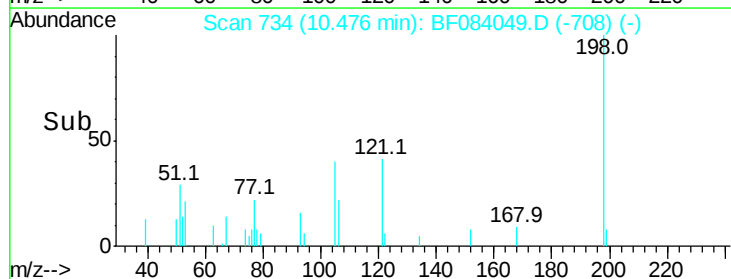
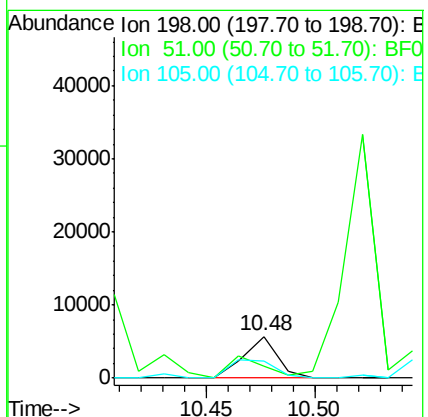
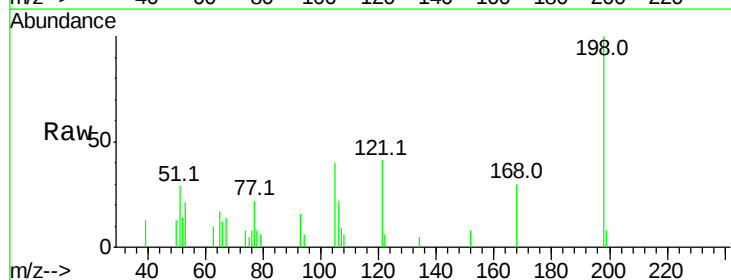
Instrument :
 BNA_F
 ClientSampleId :
 PB87486BS

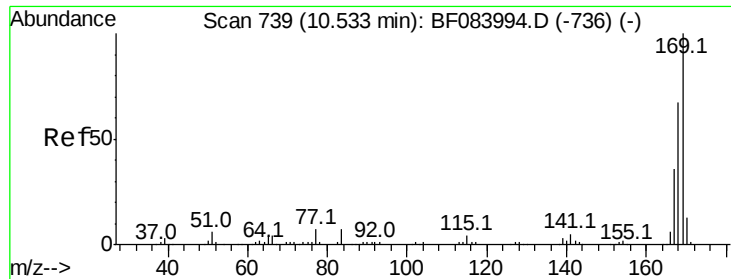
Tot Ion:188 Resp: 153386
 Ion Ratio Lower Upper
 188 100
 94 8.7 9.0 13.4#
 80 8.9 9.6 14.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.82 ng
 RT: 10.48 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF084049.D
 Acq: 23 Dec 2015 22:36

Tgt Ion:198 Resp: 6114
 Ion Ratio Lower Upper
 198 100
 51 28.5 18.9 58.9
 105 40.1 26.4 66.4

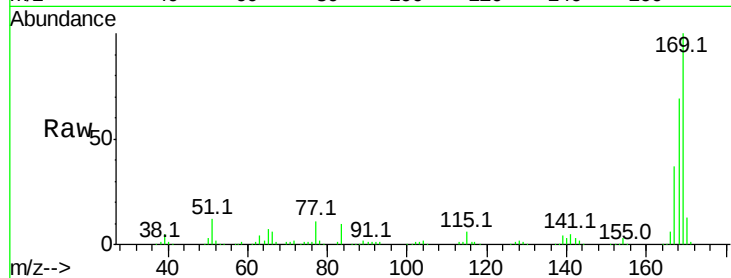




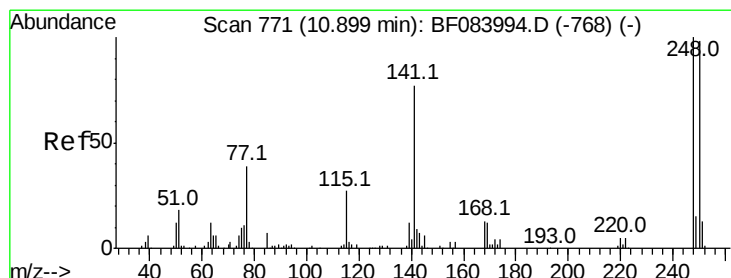
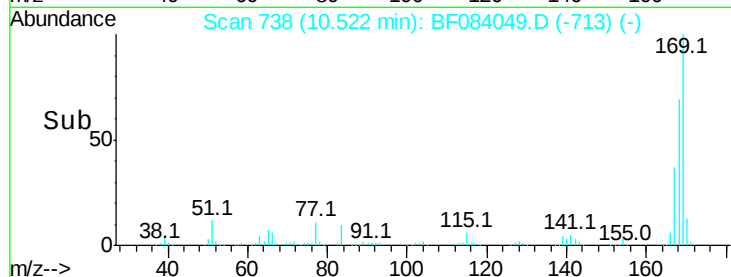
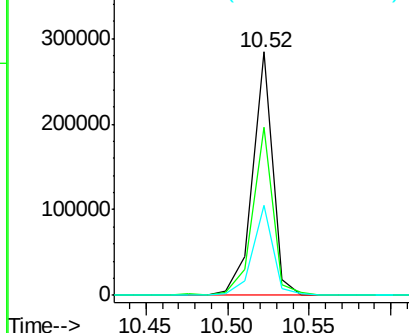
#65
 n-Nitrosodiphenylamine
 Concen: 42.66 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF084049.D
 Acq: 23 Dec 2015 22:36

Instrument :
 BNA_F
 ClientSampleId :
 PB87486BS

Tot Ion:169 Resp: 241683
 Ion Ratio Lower Upper
 169 100
 168 69.2 55.1 82.7
 167 37.2 30.0 45.0

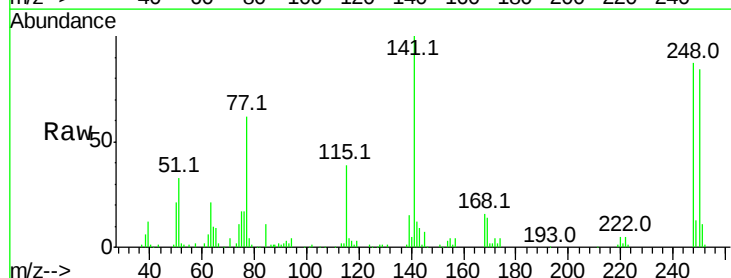


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

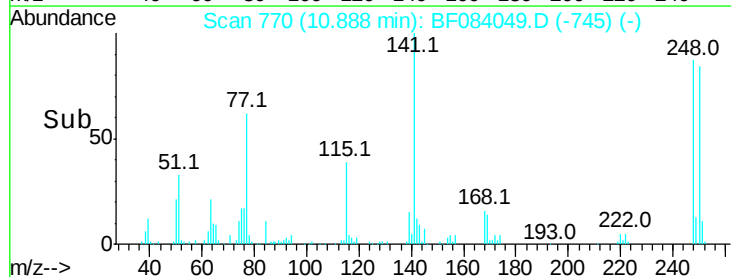
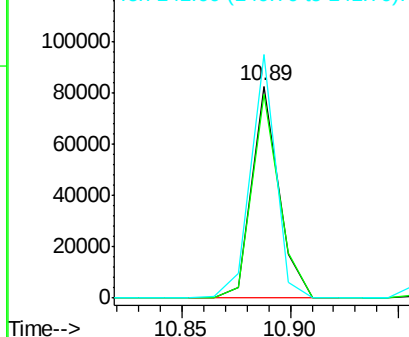


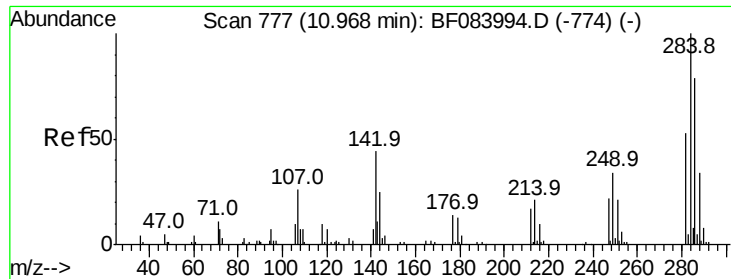
#66
 4-Bromophenyl-phenylether
 Concen: 40.63 ng
 RT: 10.89 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF084049.D
 Acq: 23 Dec 2015 22:36

Tgt Ion:248 Resp: 71464
 Ion Ratio Lower Upper
 248 100
 250 95.9 78.4 117.6
 141 114.9 44.0 66.0#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

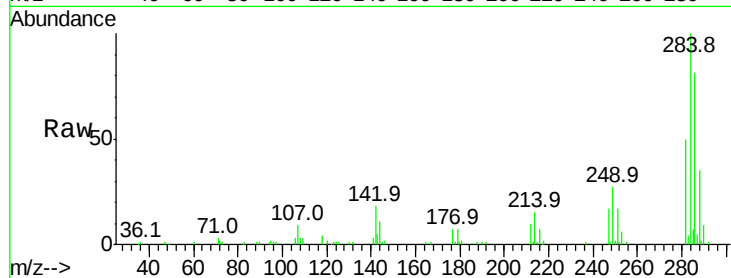




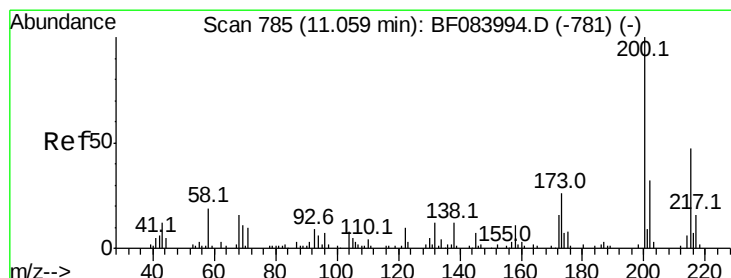
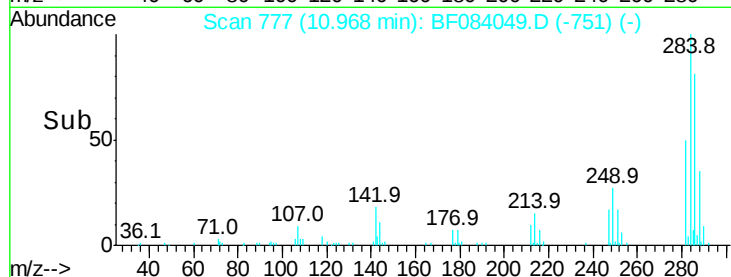
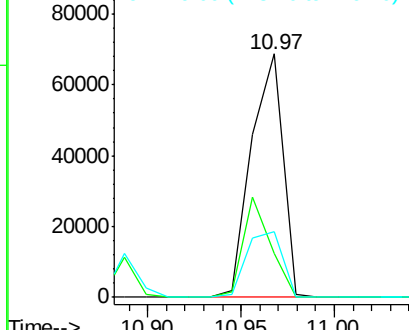
#67
Hexachlorobenzene
Concen: 41.91 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

Instrument :
BNA_F
ClientSampleId :
PB87486BS

Tot Ion:284 Resp: 80461
Ion Ratio Lower Upper
284 100
142 18.2 22.2 33.4#
249 27.2 24.6 37.0

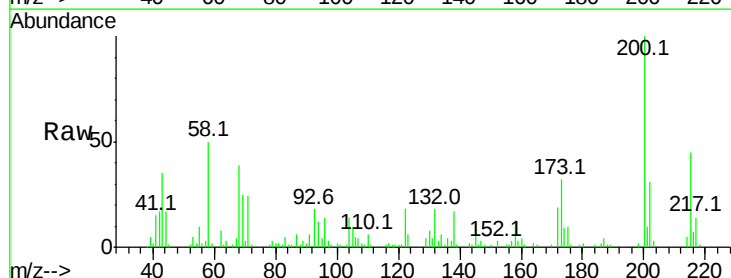


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

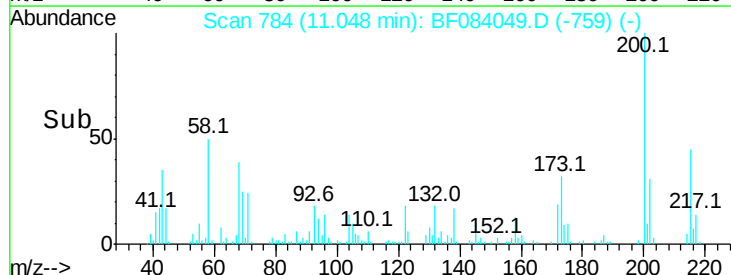
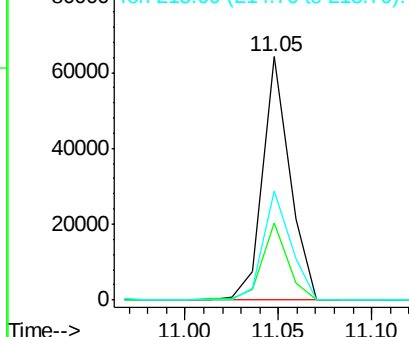


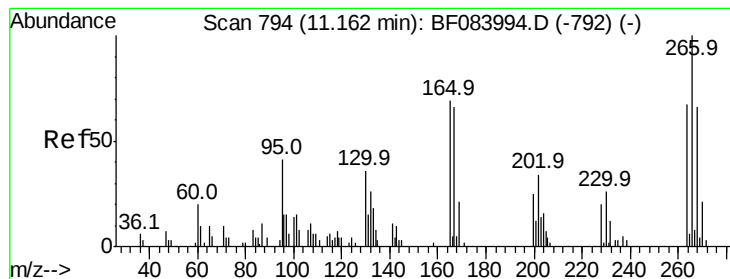
#68
Atrazine
Concen: 37.59 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

Tgt Ion:200 Resp: 64376
Ion Ratio Lower Upper
200 100
173 31.7 9.5 49.5
215 44.7 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: 61.19 ng

RT: 11.16 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA_F

ClientSampleId :

PB87486BS

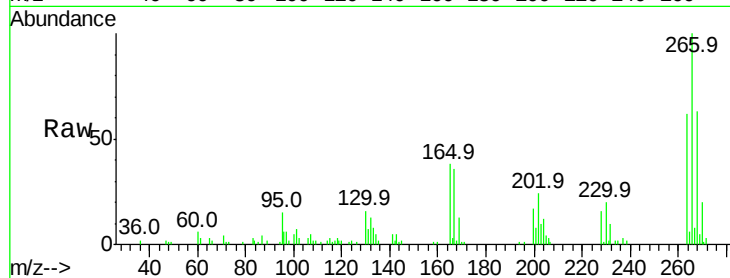
Tot Ion:266 Resp: 41766

Ion Ratio Lower Upper

266 100

268 63.3 52.4 78.6

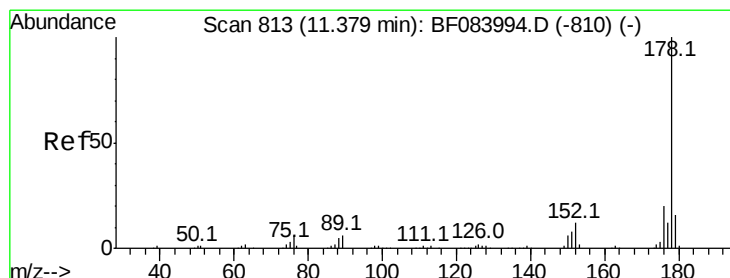
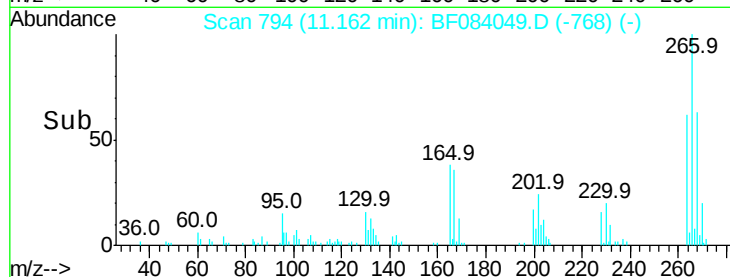
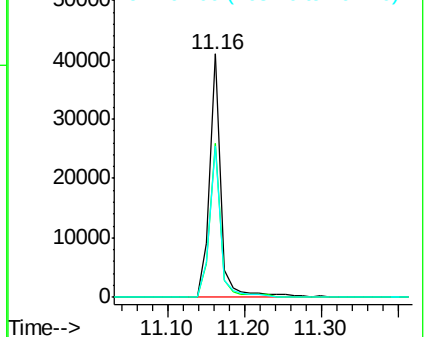
264 62.1 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.57 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

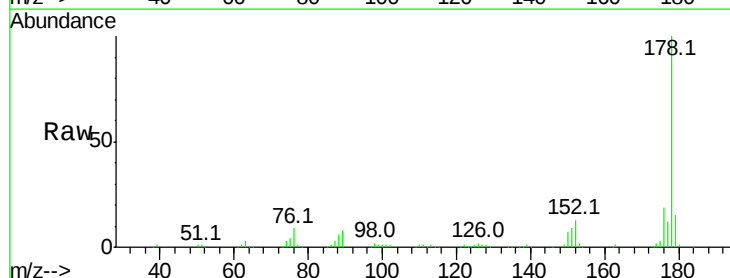
Tgt Ion:178 Resp: 351686

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

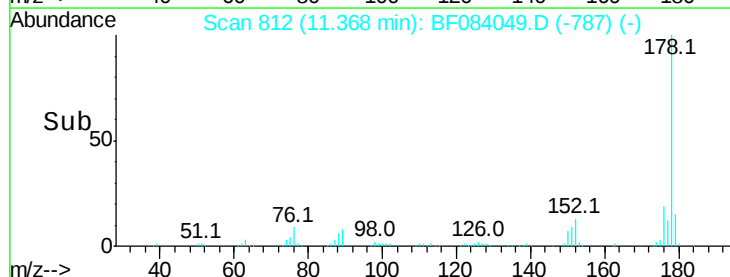
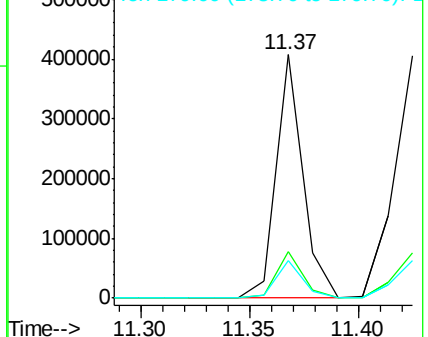
179 15.5 12.0 18.0

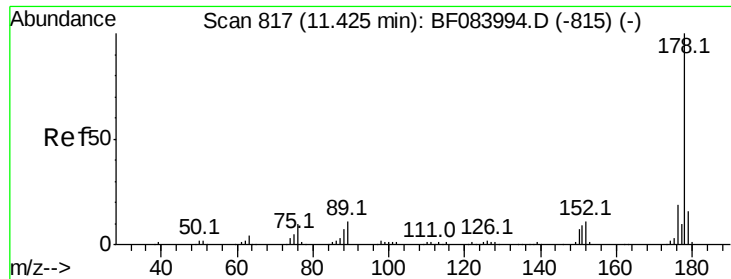


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

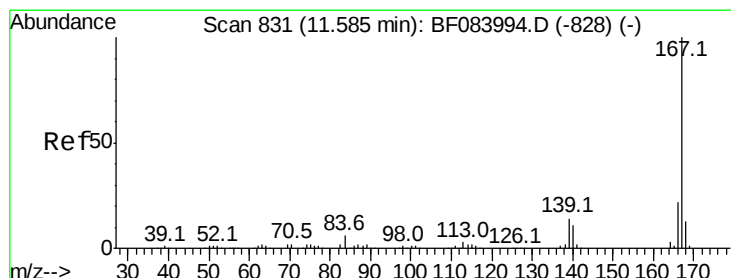
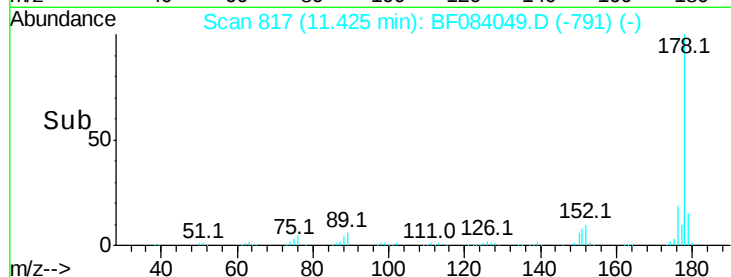
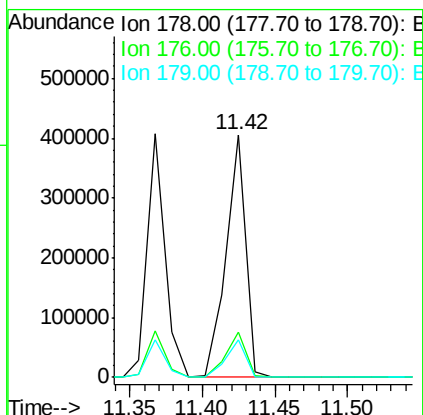
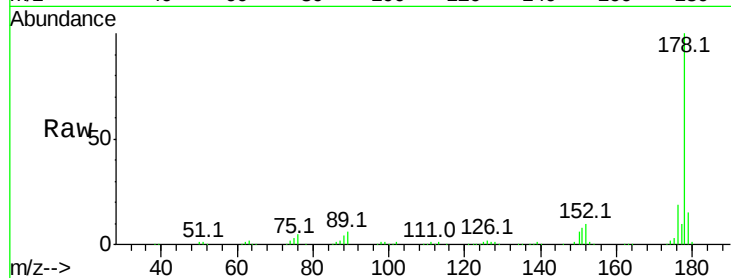




#71
 Anthracene
 Concen: 43.44 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF084049.D
 Acq: 23 Dec 2015 22:36

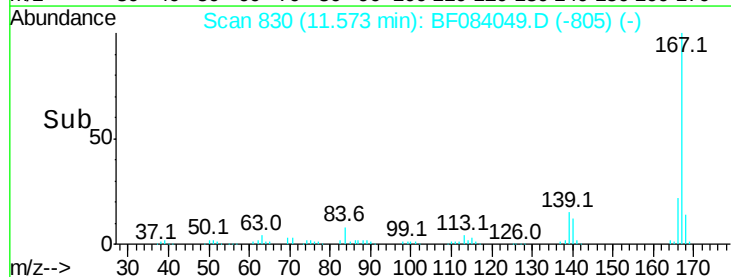
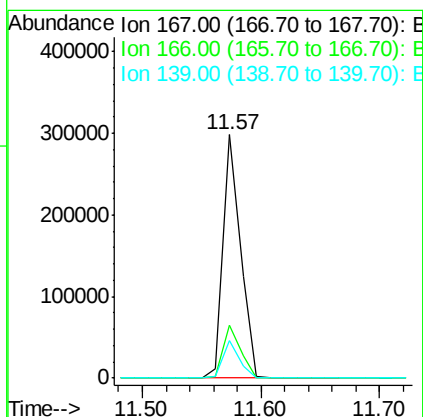
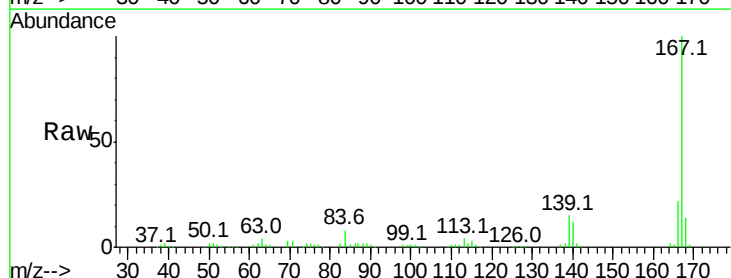
Instrument :
 BNA_F
 ClientSampleId :
 PB87486BS

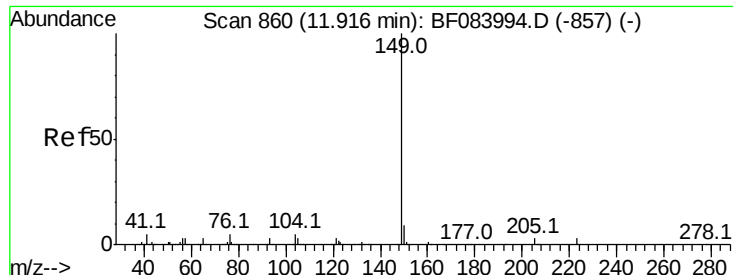
Tot Ion:178 Resp: 382438
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.0
 179 15.4 12.5 18.7



#72
 Carbazole
 Concen: 36.57 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF084049.D
 Acq: 23 Dec 2015 22:36

Tgt Ion:167 Resp: 301067
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 15.3 11.8 17.8





#73

Di-n-butylphthalate

Concen: 41.62 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA_F

ClientSampleId :

PB87486BS

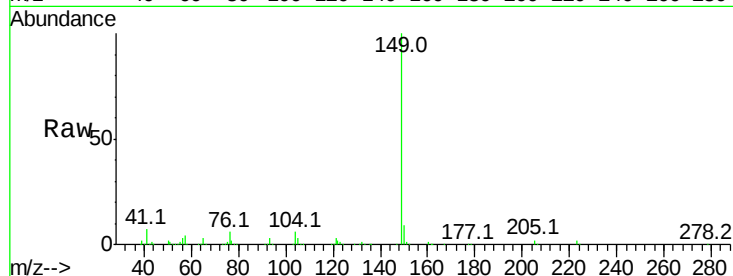
Tot Ion:149 Resp: 425466

Ion Ratio Lower Upper

149 100

150 9.4 7.1 10.7

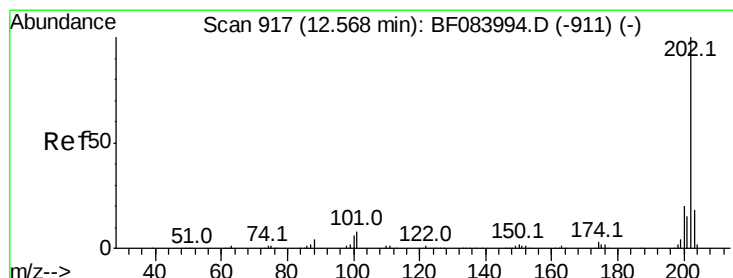
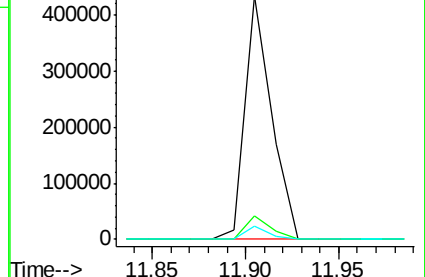
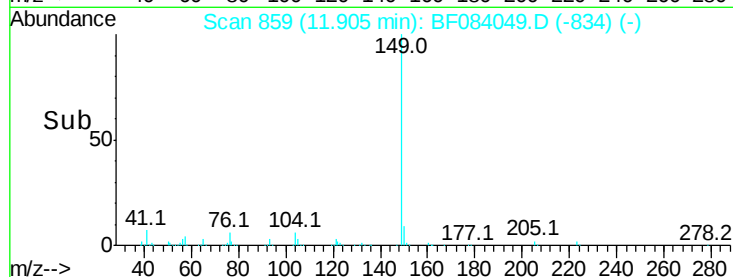
104 5.6 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.34 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

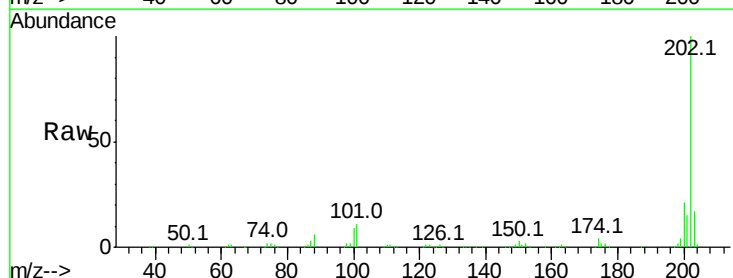
Tgt Ion:202 Resp: 321043

Ion Ratio Lower Upper

202 100

101 10.6 0.0 32.8

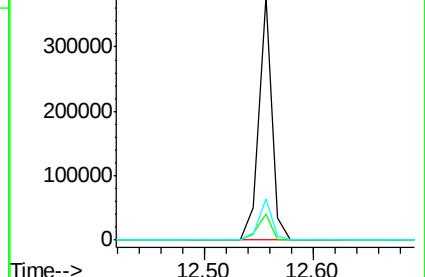
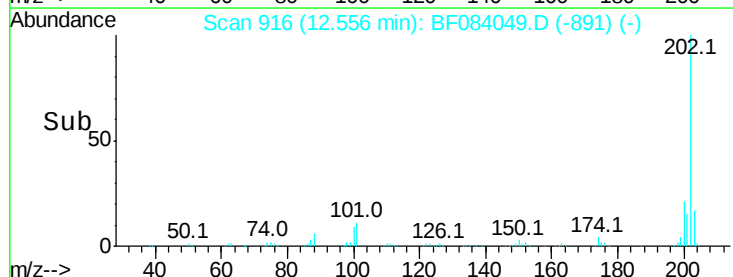
203 17.2 0.0 37.9

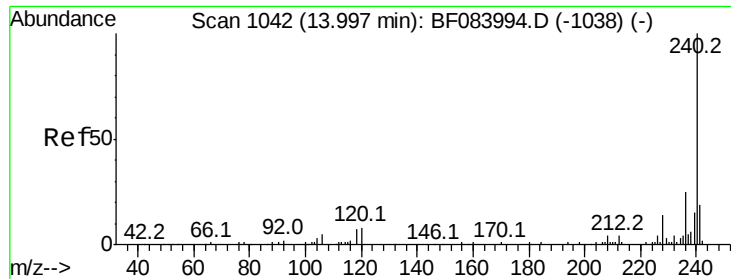


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA_F

ClientSampleId :

PB87486BS

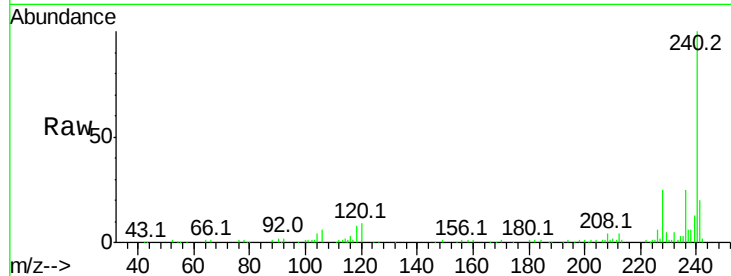
Tot Ion:240 Resp: 97267

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

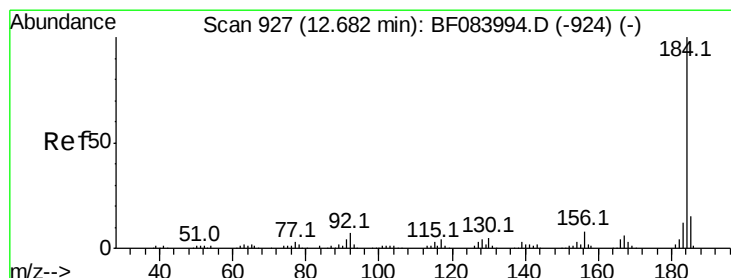
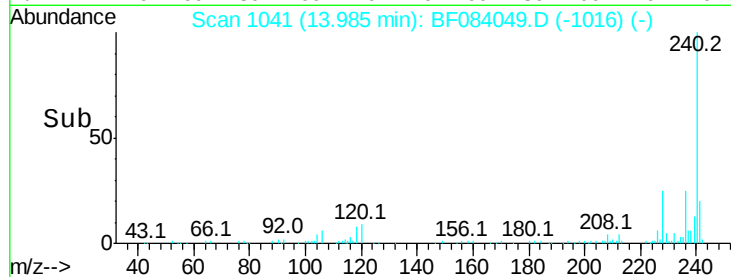
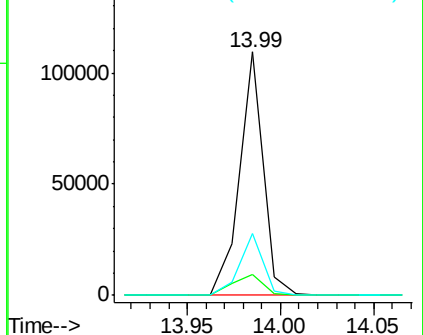
236 25.2 20.6 31.0



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: 19.80 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

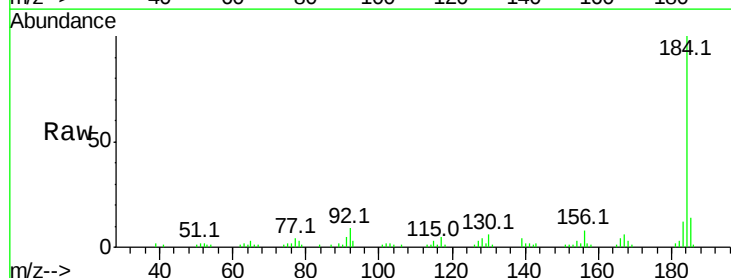
Tgt Ion:184 Resp: 68692

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.2

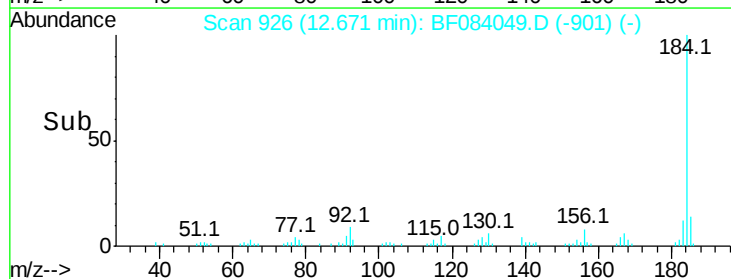
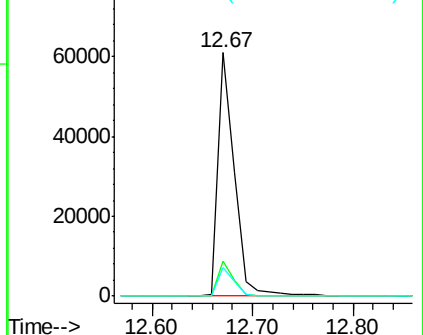
183 11.8 9.8 14.8

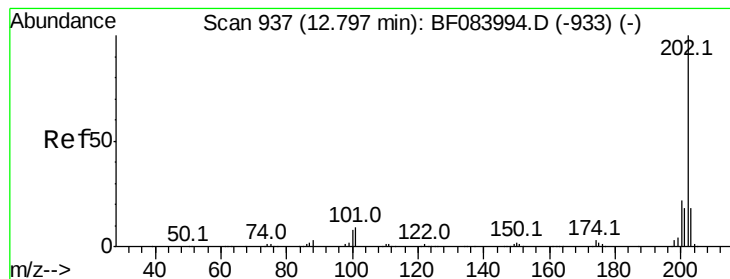


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 48.44 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA_F

ClientSampleId :

PB87486BS

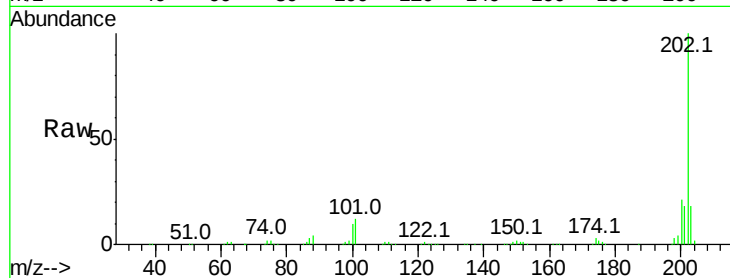
Tot Ion:202 Resp: 319675

Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

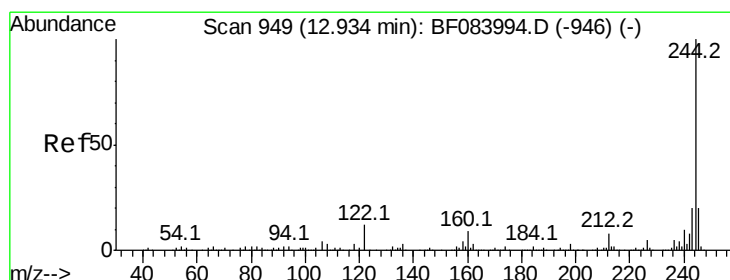
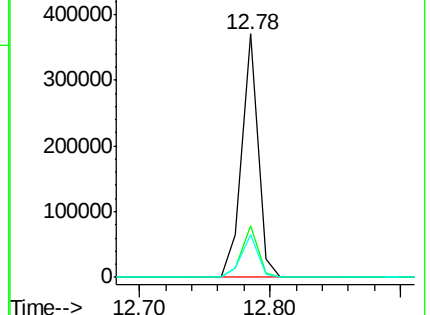
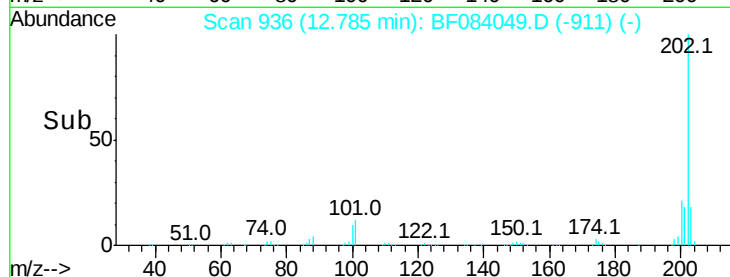
203 17.6 14.3 21.5



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: 94.44 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

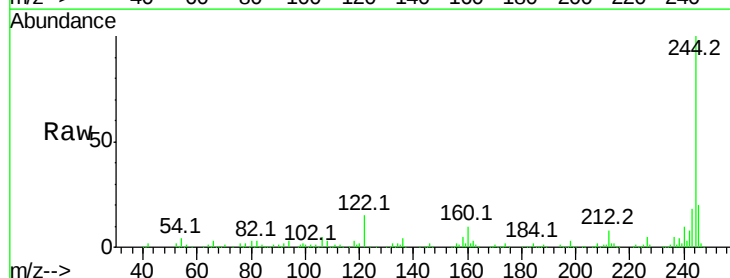
Tgt Ion:244 Resp: 385197

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

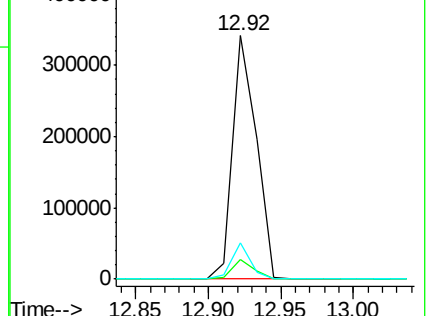
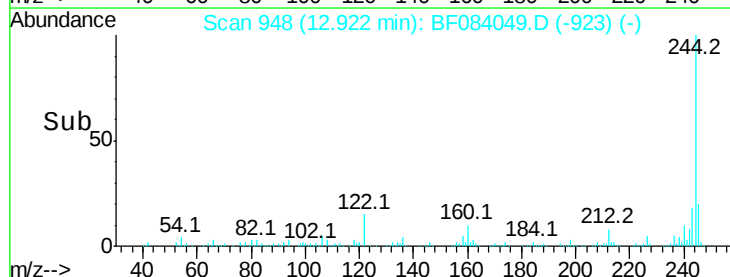
122 14.8 7.4 11.0#

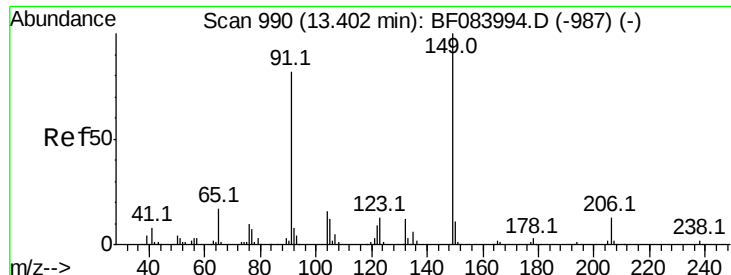


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

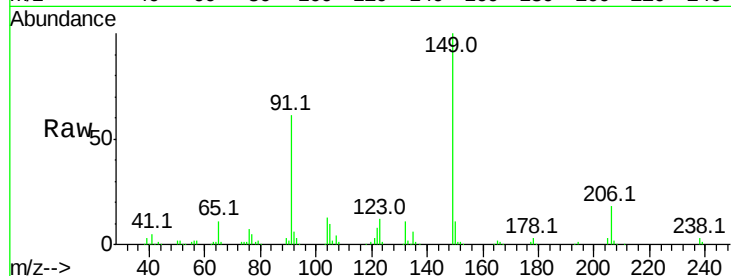




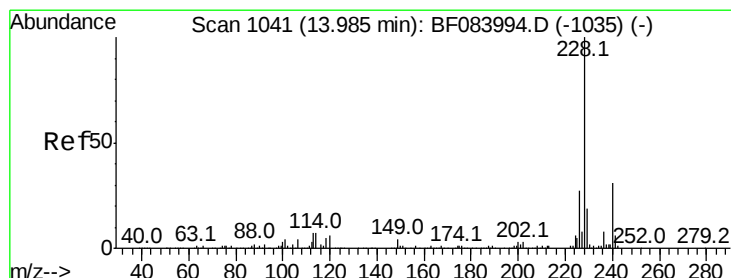
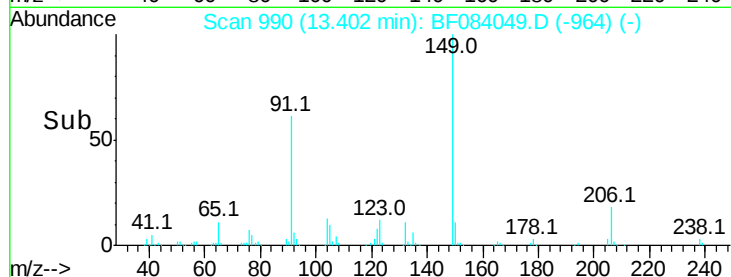
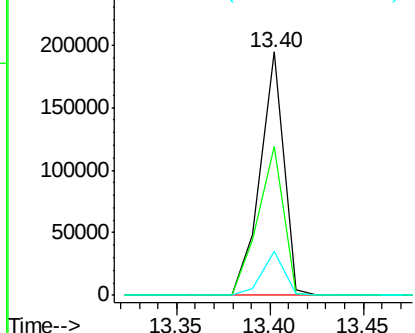
#79
Butylbenzylphthalate
Concen: 55.98 ng
RT: 13.40 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

Instrument :
BNA_F
ClientSampleId :
PB87486BS

Tot Ion:149 Resp: 169923
Ion Ratio Lower Upper
149 100
91 61.0 57.6 86.4
206 18.0 13.2 19.8

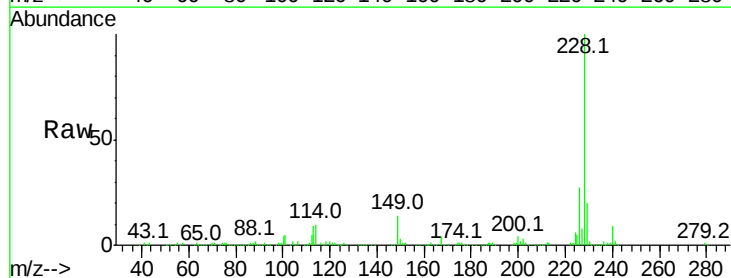


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

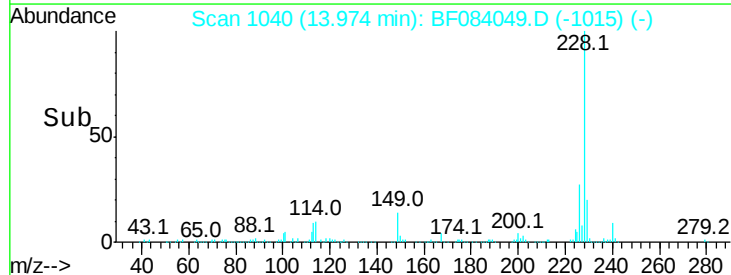
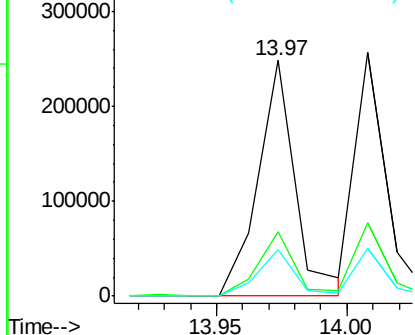


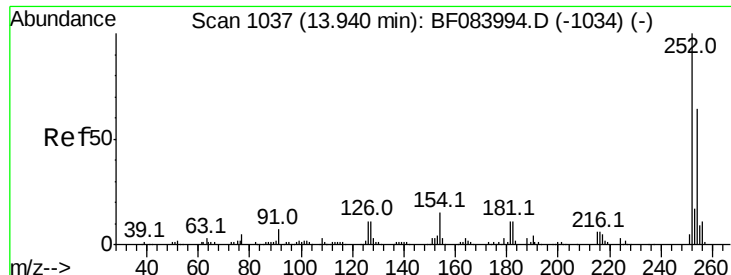
#80
Benzo(a)anthracene
Concen: 44.06 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

Tgt Ion:228 Resp: 247124
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.6
229 19.5 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

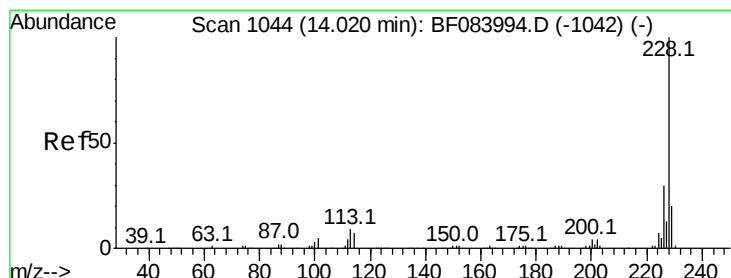
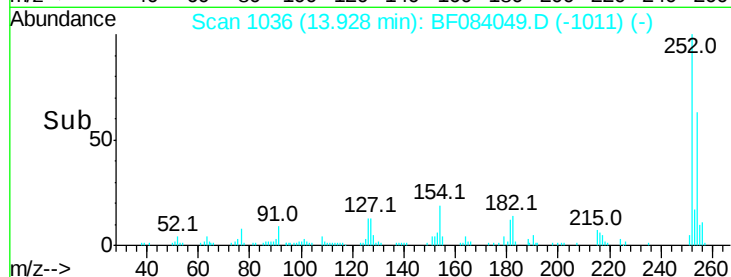
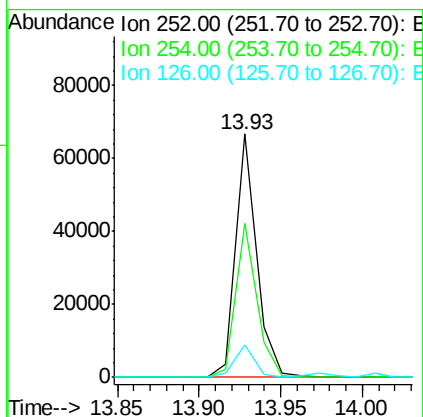
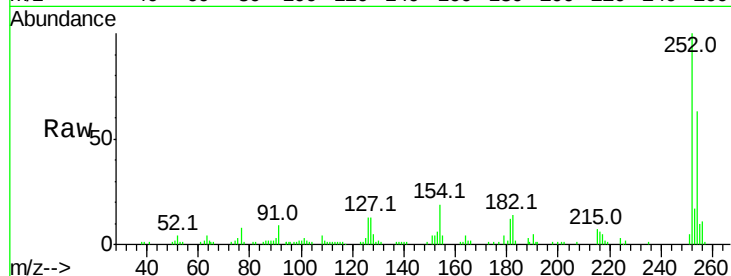




#81
 3,3'-Dichlorobenzidine
 Concen: 27.83 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF084049.D
 Acq: 23 Dec 2015 22:36

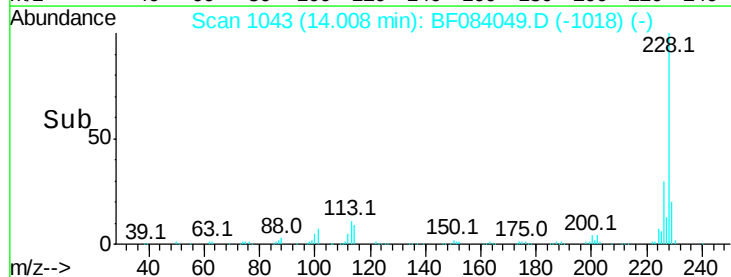
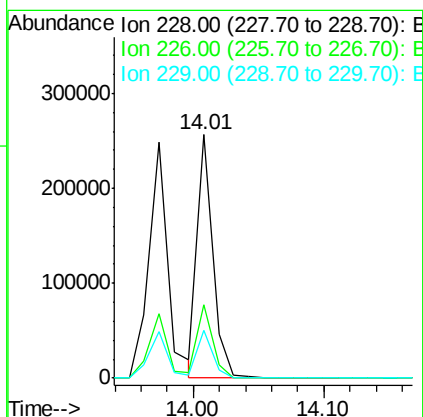
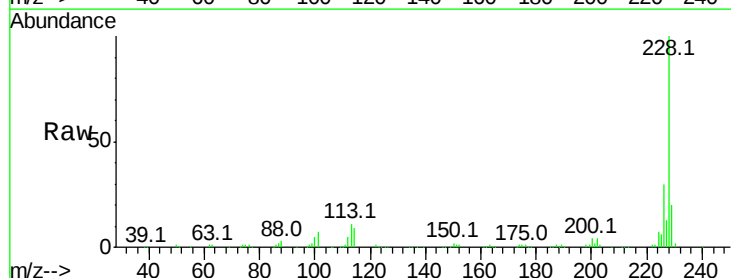
Instrument :
 BNA_F
 ClientSampleId :
 PB87486BS

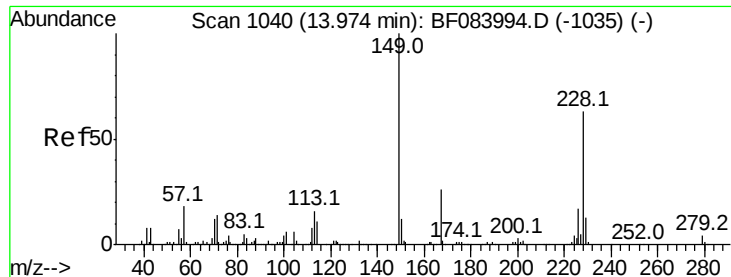
Tot Ion:252 Resp: 58710
 Ion Ratio Lower Upper
 252 100
 254 63.3 53.5 80.3
 126 13.4 4.9 7.3#



#82
 Chrysene
 Concen: 40.66 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF084049.D
 Acq: 23 Dec 2015 22:36

Tgt Ion:228 Resp: 211705
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.3 36.5
 229 19.6 16.1 24.1

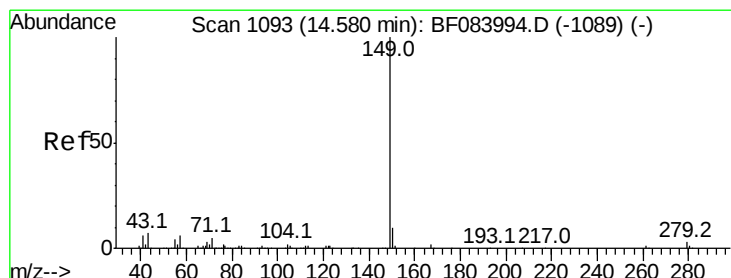
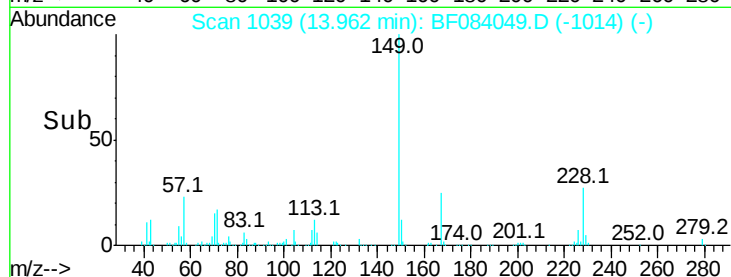
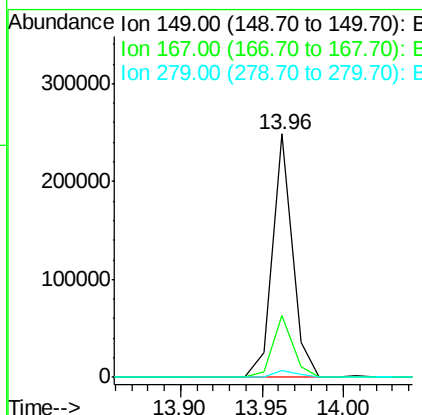
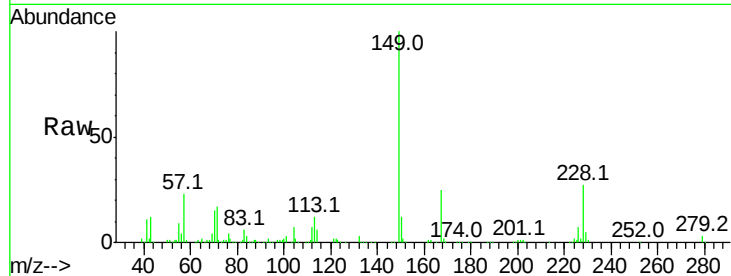




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.59 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF084049.D
 Acq: 23 Dec 2015 22:36

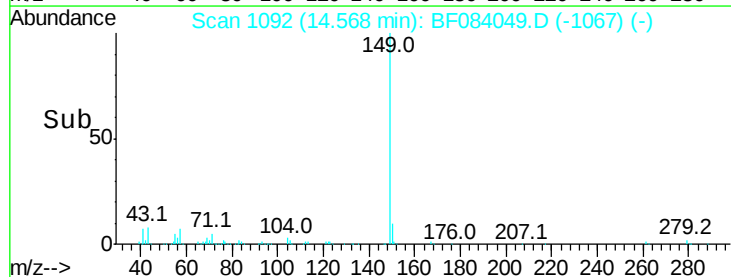
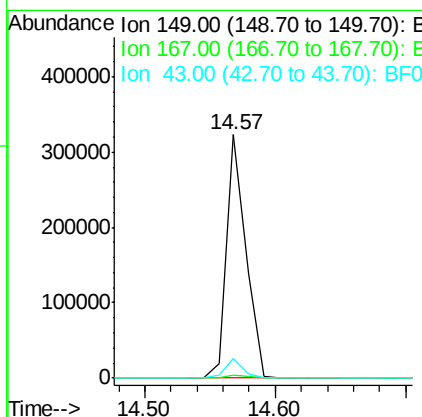
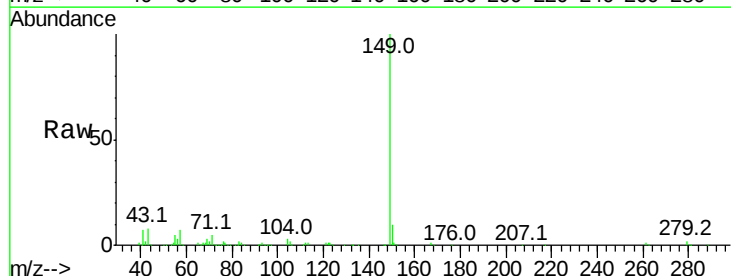
Instrument :
 BNA_F
 ClientSampleId :
 PB87486BS

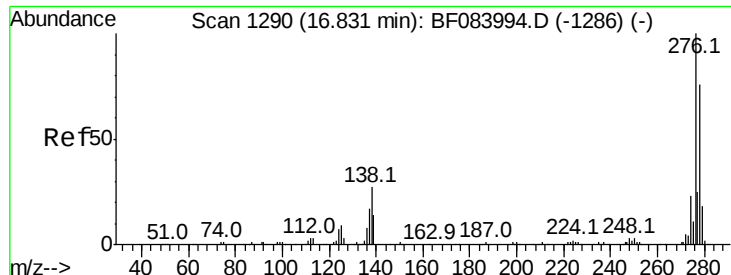
Tot Ion:149 Resp: 212937
 Ion Ratio Lower Upper
 149 100
 167 25.5 19.7 29.5
 279 2.7 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 51.45 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: BF084049.D
 Acq: 23 Dec 2015 22:36

Tgt Ion:149 Resp: 333005
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.2 5.6 8.4

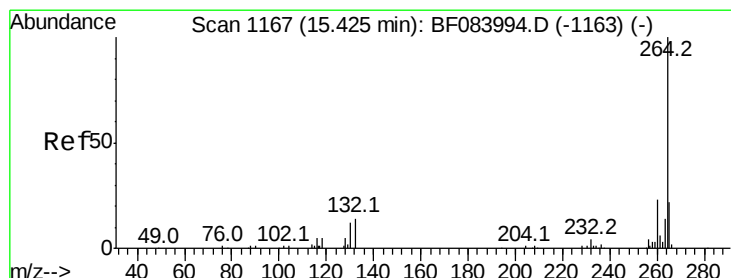
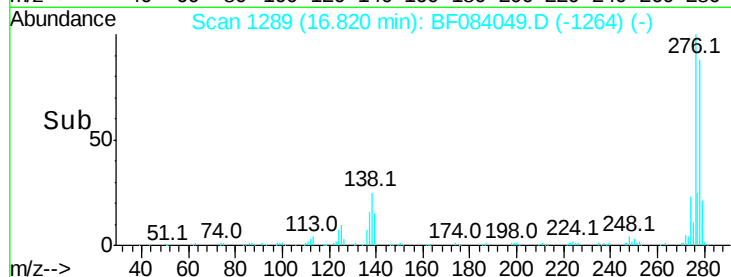
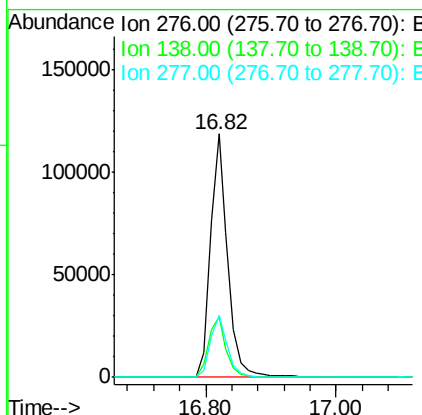
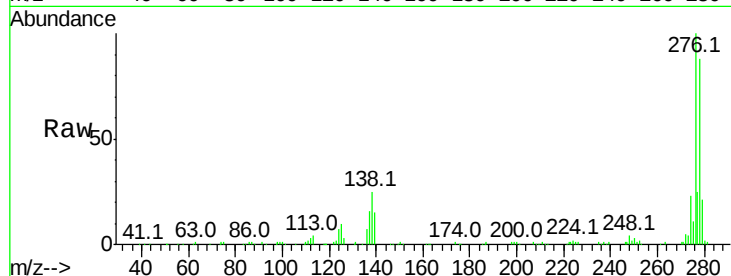




#85
Indeno(1,2,3-cd)pyrene
Concen: 50.89 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

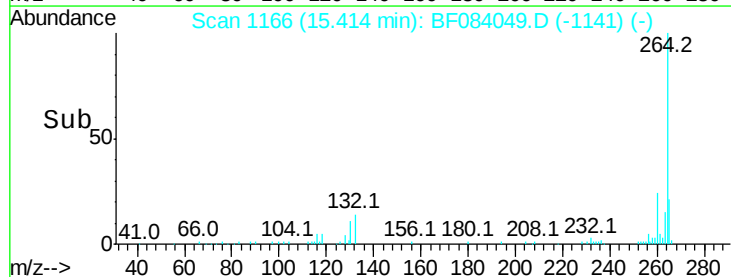
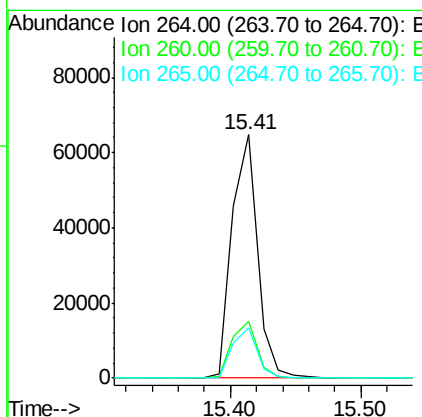
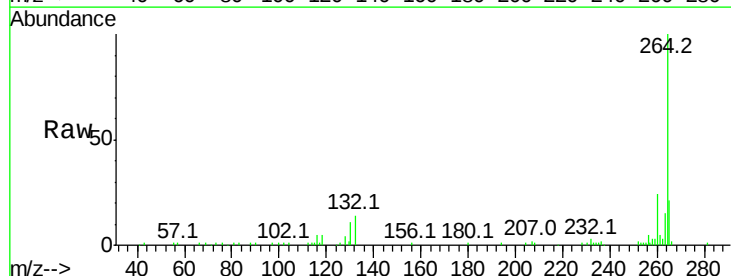
Instrument :
BNA_F
ClientSampleId :
PB87486BS

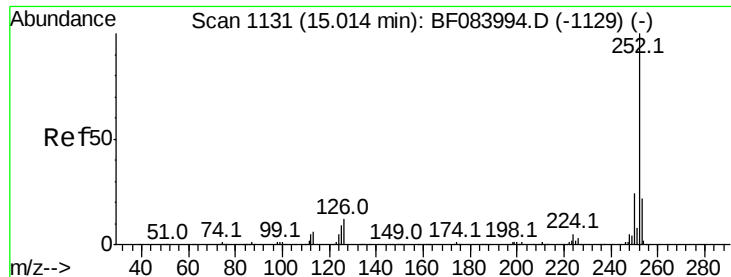
Tot Ion:276 Resp: 219203
Ion Ratio Lower Upper
276 100
138 25.5 20.6 30.8
277 25.4 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

Tgt Ion:264 Resp: 87731
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 20.6 17.8 26.6

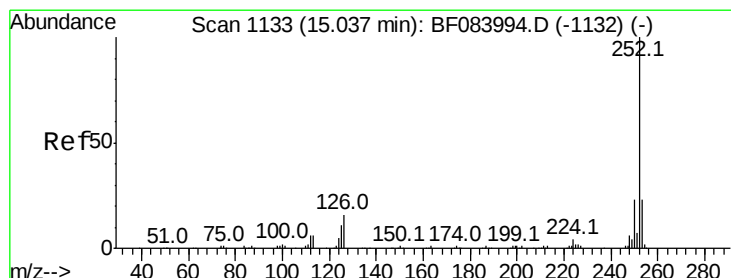
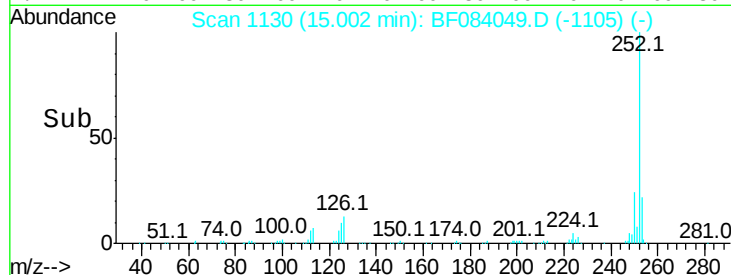
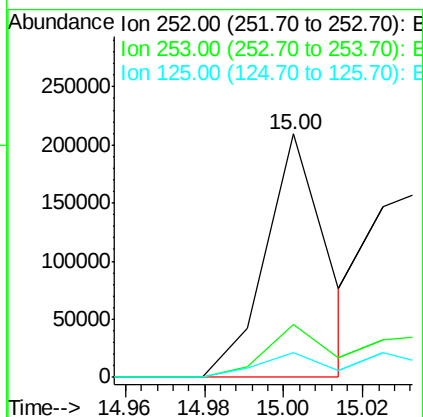
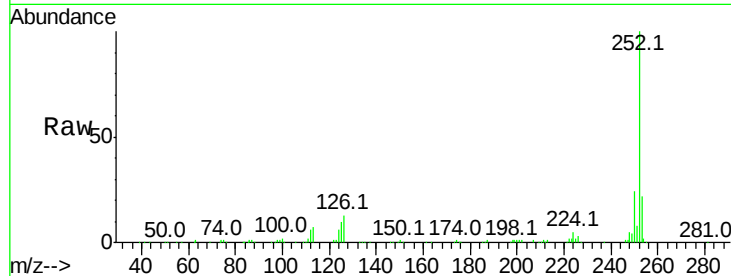




#87
Benzo(b)fluoranthene
Concen: 40.71 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

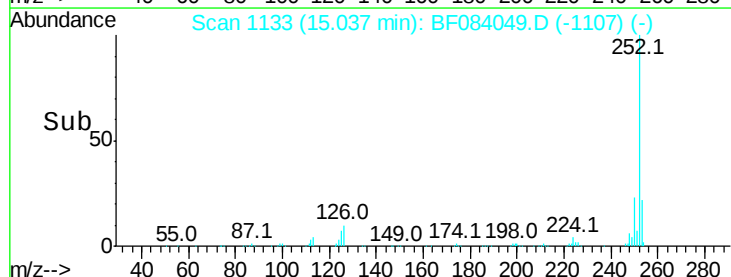
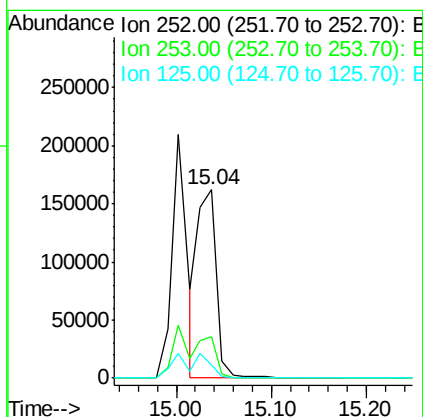
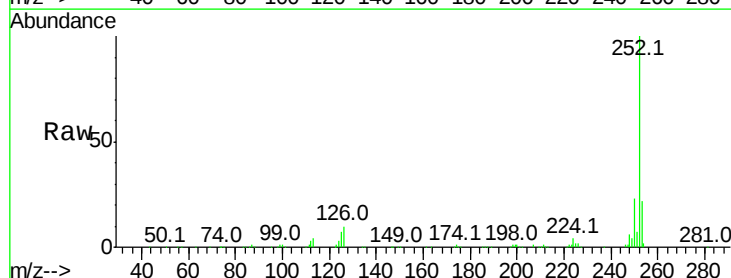
Instrument :
BNA_F
ClientSampleId :
PB87486BS

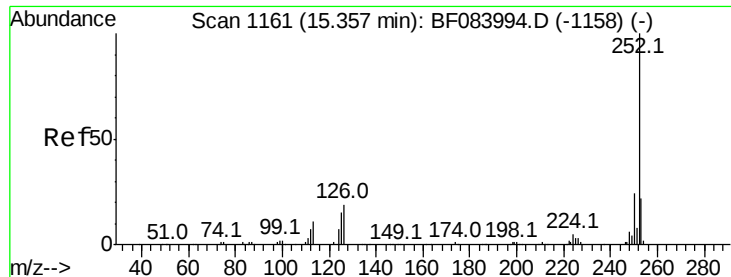
Tot Ion:252 Resp: 225140
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 10.4 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 43.37 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

Tgt Ion:252 Resp: 228123
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 6.7 9.0 13.6#

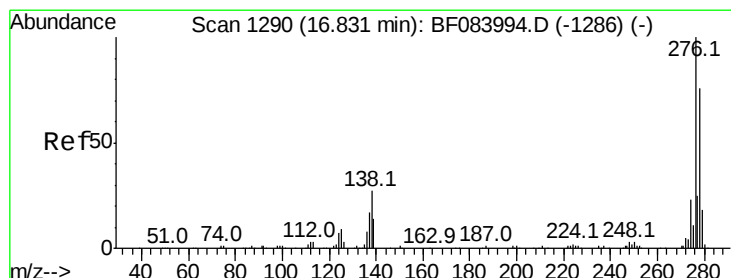
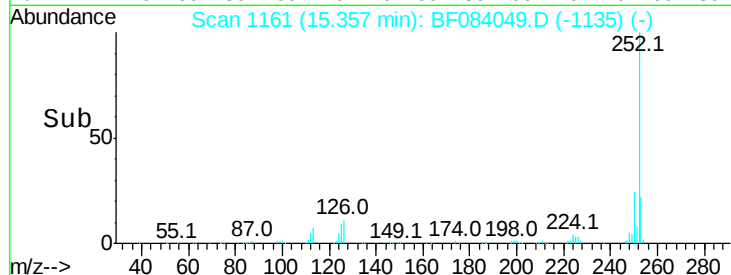
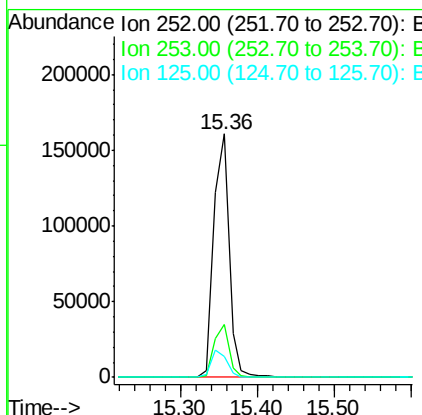
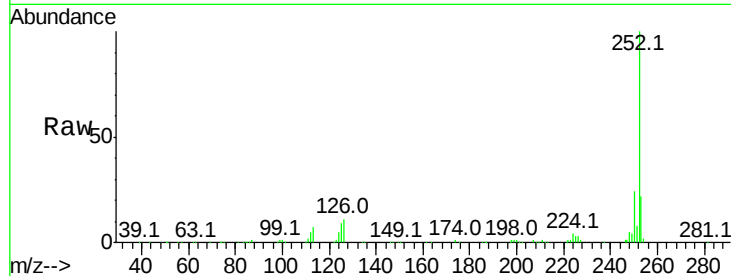




#89
Benzo(a)pyrene
Concen: 43.68 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

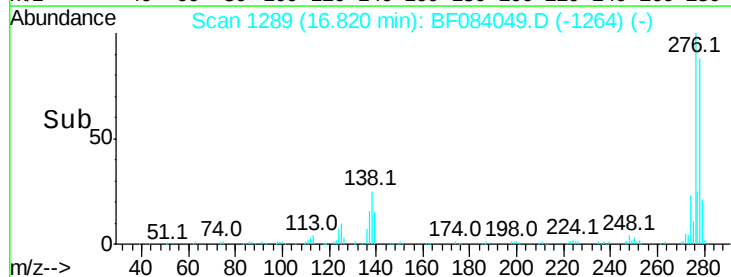
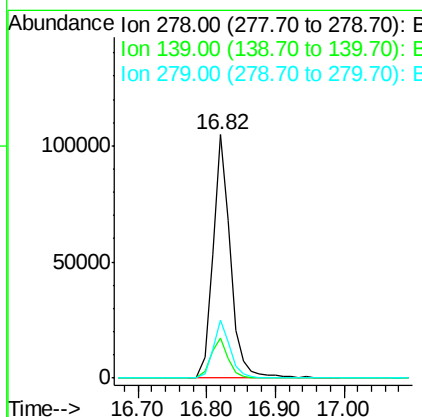
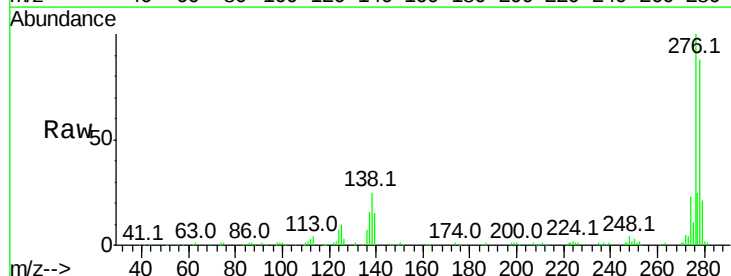
Instrument :
BNA_F
ClientSampleId :
PB87486BS

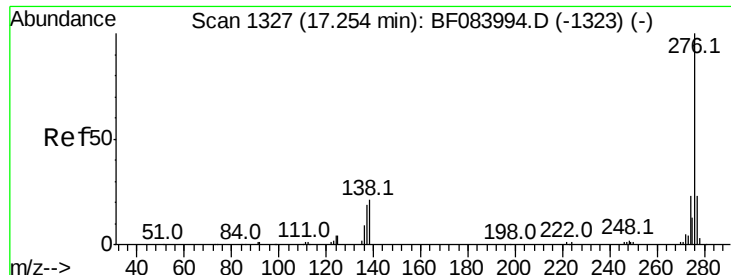
Tot Ion:252 Resp: 223765
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 8.8 7.0 10.4



#90
Dibenzo(a,h)anthracene
Concen: 44.10 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF084049.D
Acq: 23 Dec 2015 22:36

Tgt Ion:278 Resp: 187189
Ion Ratio Lower Upper
278 100
139 16.6 15.0 22.4
279 23.9 18.9 28.3





#91
 Benzo(a,h,i)perylene
 Concen: 39.99 ng
 RT: 17.24 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF084049.D
 Acq: 23 Dec 2015 22:36

Instrument :
 BNA_F
 ClientSampleId :
 PB87486BS

Tot Ion:	276	Resp:	171703
Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	19.1	17.8	26.6

