

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084024.D
 Acq On : 23 Dec 2015 7:59
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 23 10:09:01 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	6.83	152	45685	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	178489	20.00	ng	0.01
38) Acenaphthene-d10	9.87	164	91587	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	315850	20.00	ng	0.00
75) Chrysene-d12	14.00	240	164427	20.00	ng	0.00
86) Perylene-d12	15.43	264	123502	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	216613	80.84	ng	0.00
7) Phenol-d6	6.48	99	250540	79.53	ng	0.00
23) Nitrobenzene-d5	7.40	82	253143	87.13	ng	0.01
41) 2,4,6-Tribromophenol	10.66	330	75579	85.79	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	545393	80.14	ng	0.00
78) Terphenyl-d14	12.93	244	879799	127.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	44775	35.10	ng	99
3) Pyridine	3.12	79	95201	32.79	ng	96
4) n-Nitrosodimethylamine	3.06	42	48545	44.98	ng	97
6) Aniline	6.49	93	172240	39.50	ng	# 70
8) 2-Chlorophenol	6.62	128	126203	40.90	ng	85
9) Benzaldehyde	6.37	77	84322	40.08	ng	100
10) Phenol	6.49	94	134769	36.98	ng	# 52
11) bis(2-Chloroethyl)ether	6.57	93	110187	39.56	ng	98
12) 1,3-Dichlorobenzene	6.77	146	143700	41.92	ng	99
13) 1,4-Dichlorobenzene	6.84	146	140586	42.00	ng	96
14) 1,2-Dichlorobenzene	7.00	146	139281	43.52	ng	99
15) Benzyl Alcohol	6.98	79	110194	44.42	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.12	45	110396	41.06	ng	93
17) 2-Methylphenol	7.09	107	98620	40.12	ng	95
18) Hexachloroethane	7.34	117	52626	42.87	ng	92
19) n-Nitroso-di-n-propylamine	7.25	70	84502	44.26	ng	96
20) 3+4-Methylphenols	7.25	107	128669	42.42	ng	# 60
22) Acetophenone	7.24	105	173339	41.39	ng	94
24) Nitrobenzene	7.41	77	119895	40.04	ng	98
25) Isophorone	7.65	82	225560	40.97	ng	99
26) 2-Nitrophenol	7.73	139	67924	42.15	ng	# 87
27) 2,4-Dimethylphenol	7.78	122	113920	40.56	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	147928	43.38	ng	98
29) 2,4-Dichlorophenol	7.98	162	107021	42.65	ng	95
30) 1,2,4-Trichlorobenzene	8.06	180	107615	41.11	ng	# 95
31) Naphthalene	8.13	128	357186	39.17	ng	99
32) Benzoic acid	7.92	122	56188	43.88	ng	97
33) 4-Chloroaniline	8.19	127	164441	44.10	ng	# 93
34) Hexachlorobutadiene	8.26	225	66200	42.31	ng	98
35) Caprolactam	8.57	113	32767	43.45	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	123212	45.90	ng	93
37) 2-Methylnaphthalene	8.83	142	266770	45.18	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	120471	43.76	ng	97
40) Hexachlorocyclopentadiene	8.99	237	23034	33.92	ng	94

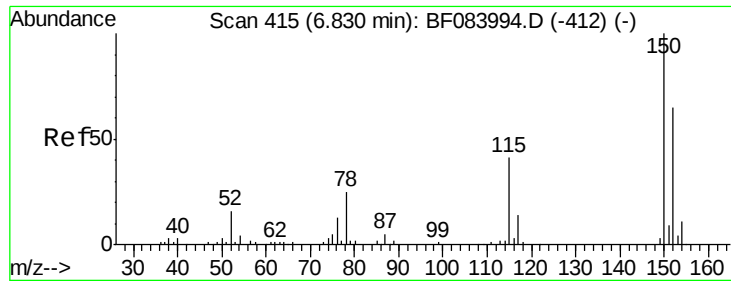
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084024.D
 Acq On : 23 Dec 2015 7:59
 Operator : UM/SJ
 Sample : SSTDC0040
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	75285	45.41	nq	97
43) 2,4,5-Trichlorophenol	9.16	196	74083	42.93	nq	94
45) 1,1'-Biphenyl	9.30	154	330804	40.86	nq	95
46) 2-Chloronaphthalene	9.32	162	251105	43.08	nq	94
47) 2-Nitroaniline	9.41	65	64424	40.54	nq	93
48) Acenaphthylene	9.73	152	393170	42.60	nq	100
49) Dimethylphthalate	9.60	163	280717	39.17	nq	# 90
50) 2,6-Dinitrotoluene	9.66	165	65205	43.11	nq	91
51) Acenaphthene	9.90	154	243320	44.34	nq	99
52) 3-Nitroaniline	9.82	138	68272	42.50	nq	97
53) 2,4-Dinitrophenol	9.94	184	24033	41.42	nq	# 67
54) Dibenzofuran	10.08	168	332969	40.53	nq	91
55) 4-Nitrophenol	10.01	139	44429	47.06	nq	94
56) 2,4-Dinitrotoluene	10.06	165	86499	45.49	nq	99
57) Fluorene	10.42	166	281221	43.21	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	66084	48.57	nq	92
59) Diethylphthalate	10.29	149	289532	41.11	nq	96
60) 4-Chlorophenyl-phenylether	10.41	204	114360	38.34	nq	# 81
61) 4-Nitroaniline	10.44	138	65962	40.13	nq	97
62) Azobenzene	10.57	77	270205	43.45	nq	89
64) 4,6-Dinitro-2-methylphenol	10.48	198	44690	24.20	nq	88
65) n-Nitrosodiphenylamine	10.53	169	264064	22.64	nq	98
66) 4-Bromophenyl-phenylether	10.90	248	139667	38.56	nq	# 83
67) Hexachlorobenzene	10.97	284	143983	36.42	nq	# 79
68) Atrazine	11.06	200	123508	35.02	nq	99
69) Pentachlorophenol	11.17	266	55983	42.26	nq	97
70) Phenanthrene	11.38	178	660748	37.01	nq	98
71) Anthracene	11.44	178	715194	39.45	nq	99
72) Carbazole	11.58	167	716144	42.25	nq	100
73) Di-n-butylphthalate	11.92	149	788845	37.48	nq	# 98
74) Fluoranthene	12.57	202	736800	41.62	nq	98
76) Benzidine	12.68	184	300577	51.26	nq	99
77) Pyrene	12.80	202	727521	65.22	nq	100
79) Butylbenzylphthalate	13.41	149	226698	44.18	nq	# 81
80) Benzo(a)anthracene	13.99	228	387591	40.88	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	135277	37.94	nq	# 94
82) Chrysene	14.02	228	321715	36.55	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	318230	44.72	nq	# 96
84) Di-n-octyl phthalate	14.58	149	507618	46.39	nq	99
85) Indeno(1,2,3-cd)pyrene	16.83	276	270813	37.19	nq	100
87) Benzo(b)fluoranthene	15.01	252	632973	81.30	nq	# 98
88) Benzo(k)fluoranthene	15.01	252	632973	85.48	nq	98
89) Benzo(a)pyrene	15.37	252	294287	40.81	nq	99
90) Dibenzo(a,h)anthracene	16.84	278	227524	38.08	nq	# 96
91) Benzo(g,h,i)perylene	17.25	276	218646	36.17	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

Instrument :

BNA_F

ClientSampleId :

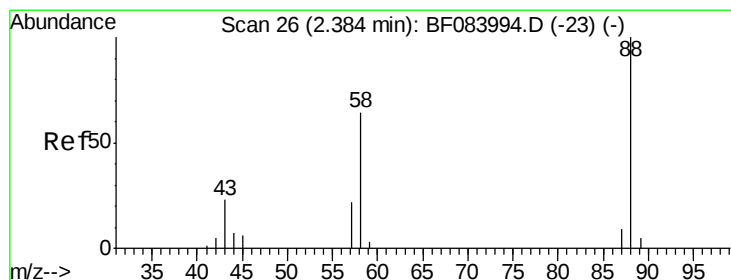
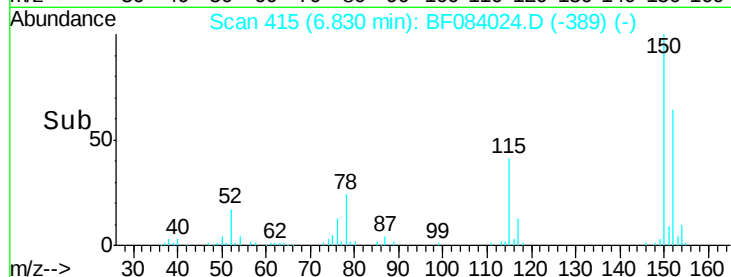
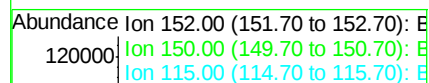
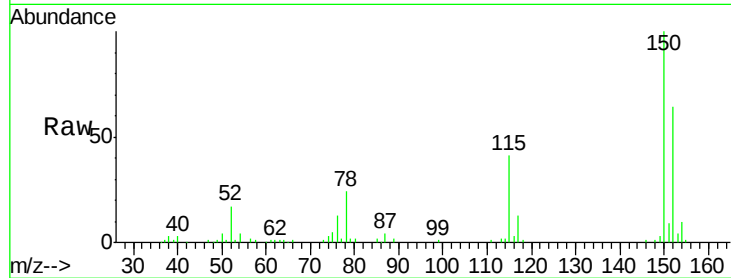
Tot Ion:152 Resp: 45685

Ion Ratio Lower Upper

152 100

150 155.5 123.0 184.4

115 63.3 51.4 77.2



#2

1,4-Dioxane

Concen: 35.10 ng

RT: 2.40 min Scan# 27

Delta R.T. 0.01 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

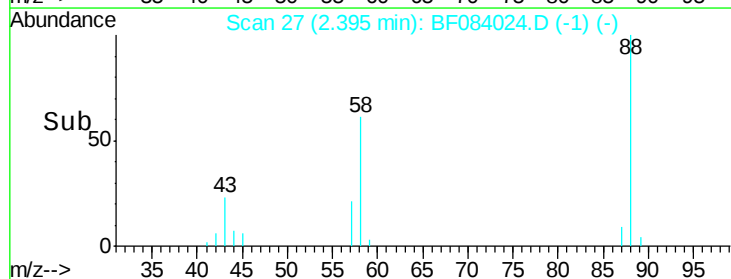
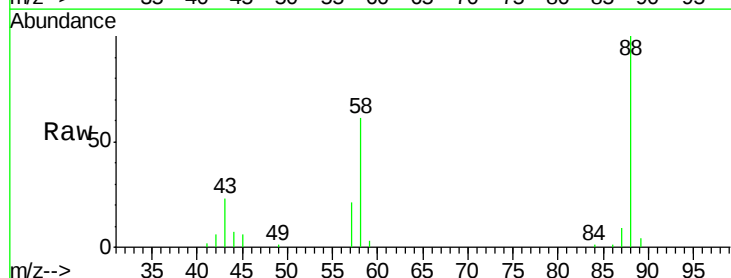
Tgt Ion: 88 Resp: 44775

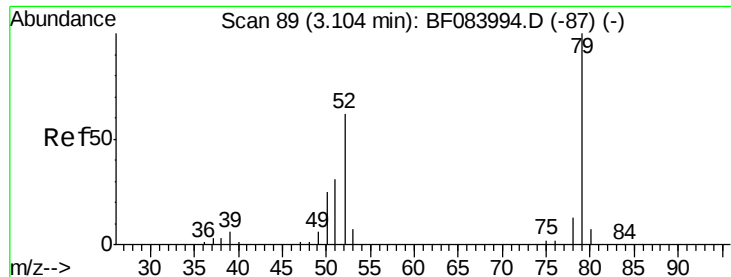
Ion Ratio Lower Upper

88 100

58 62.4 51.2 76.8

43 24.4 19.5 29.3





#3

Pvridine

Concen: 32.79 ng

RT: 3.12 min Scan# 90

Delta R.T. 0.01 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

Instrument :

BNA_F

ClientSampleId :

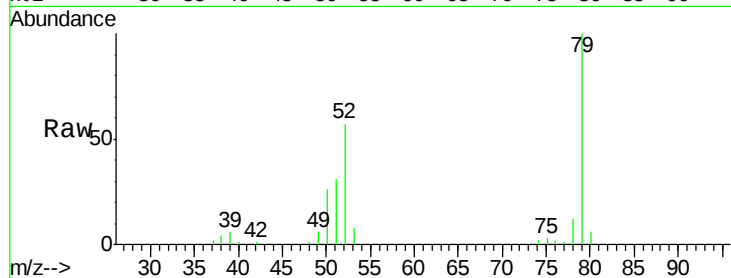
Tot Ion: 79 Resp: 95201

Ion Ratio Lower Upper

79 100

52 56.6 49.0 73.4

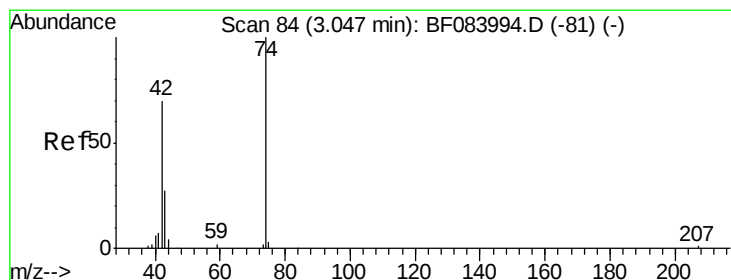
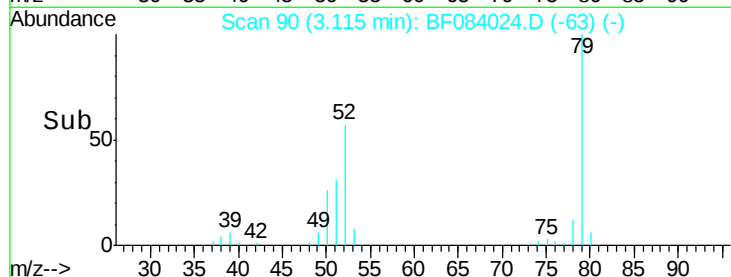
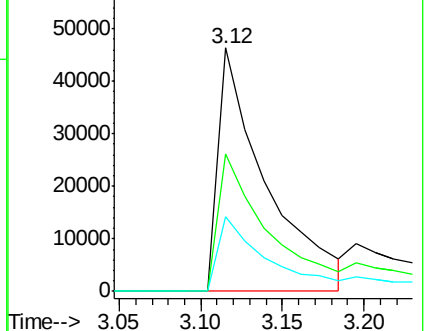
51 30.7 25.2 37.8



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: 44.98 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.01 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

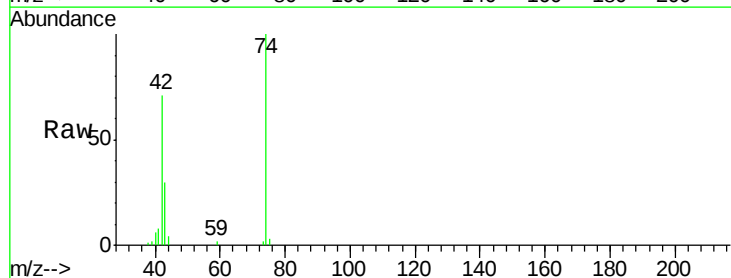
Tgt Ion: 42 Resp: 48545

Ion Ratio Lower Upper

42 100

74 141.1 115.7 173.5

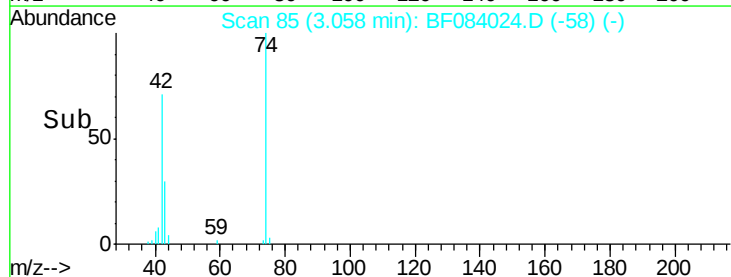
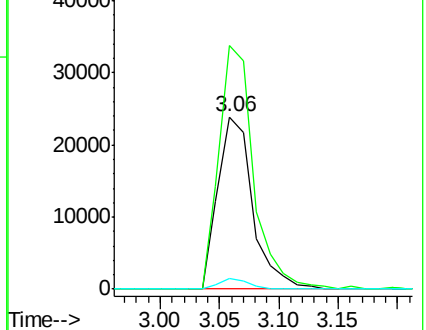
44 6.0 5.1 7.7

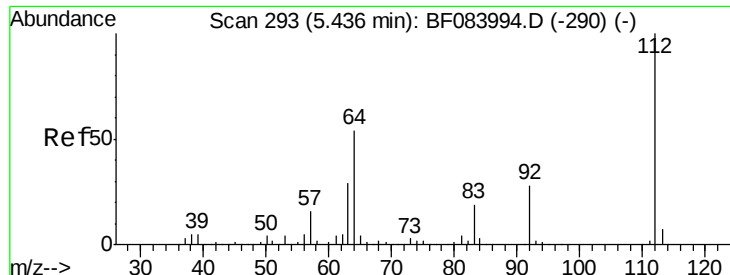


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 80.84 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

Instrument :

BNA_F

ClientSampleId :

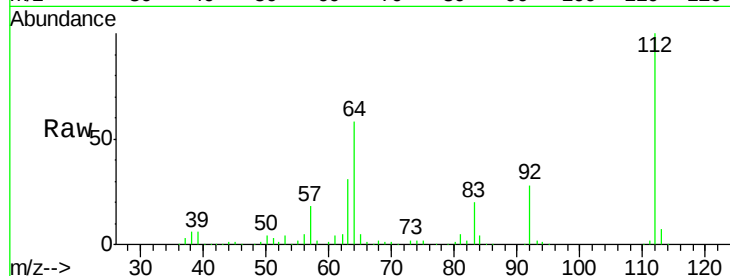
Tot Ion:112 Resp: 216613

Ion Ratio Lower Upper

112 100

64 57.5 36.6 55.0#

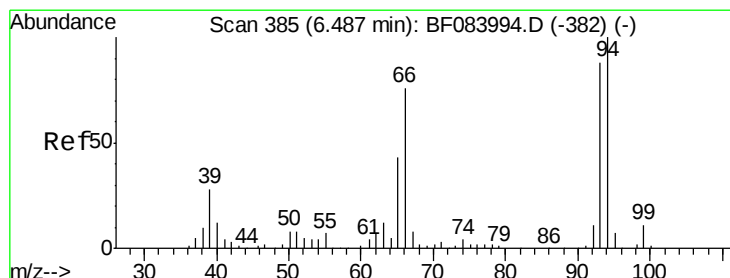
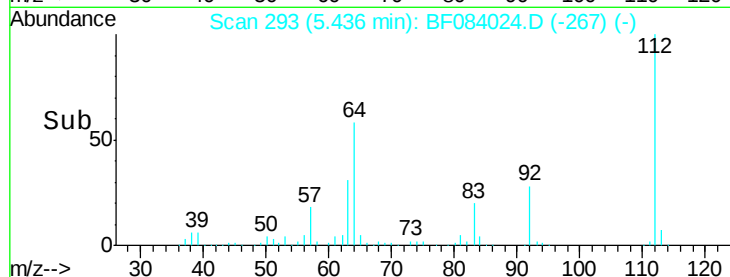
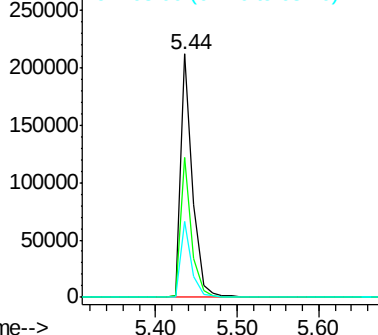
63 31.3 19.4 29.0#



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: 39.50 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

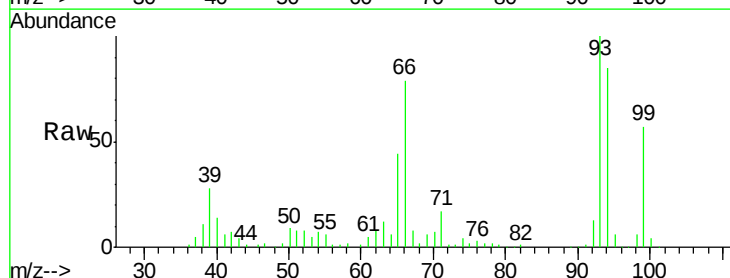
Tgt Ion: 93 Resp: 172240

Ion Ratio Lower Upper

93 100

66 79.4 44.9 67.3#

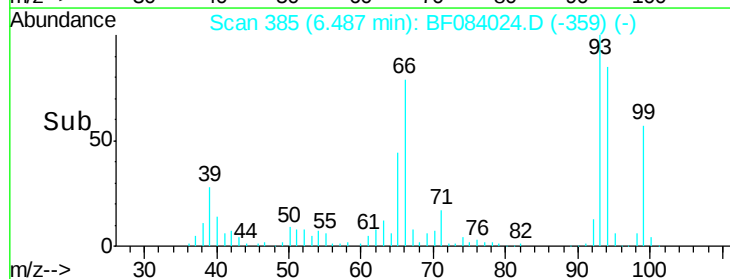
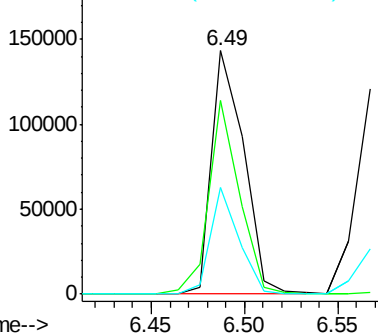
65 43.7 23.7 35.5#

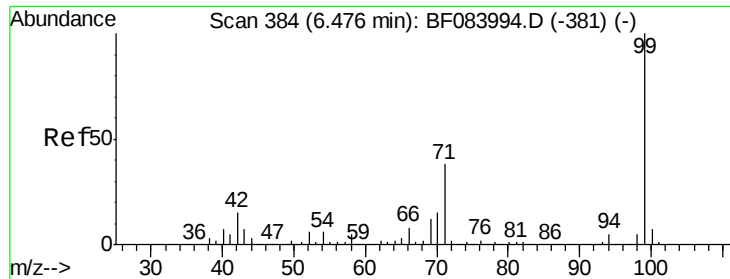


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.53 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

Instrument :

BNA_F

ClientSampleId :

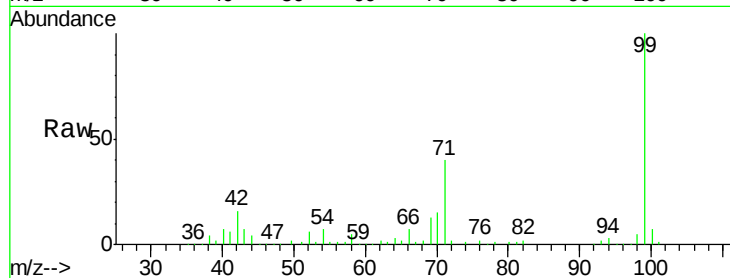
Tot Ion: 99 Resp: 250540

Ion Ratio Lower Upper

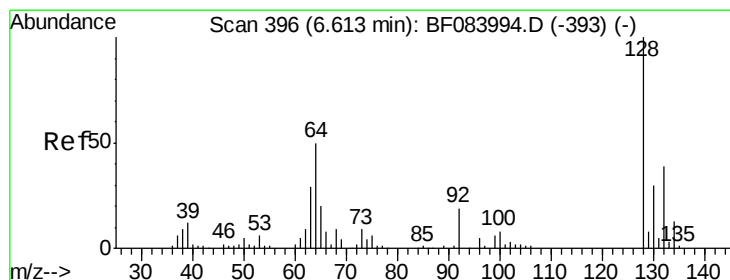
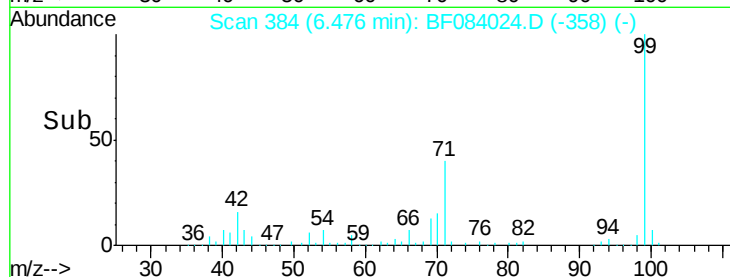
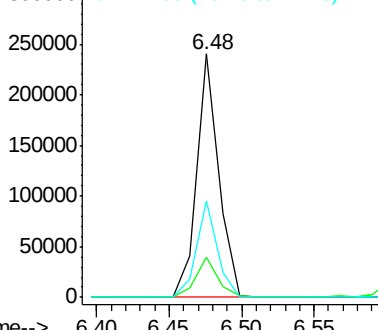
99 100

42 16.5 12.8 19.2

71 39.5 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: 40.90 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

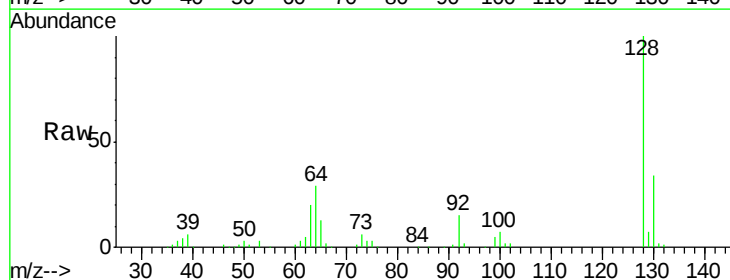
Tgt Ion: 128 Resp: 126203

Ion Ratio Lower Upper

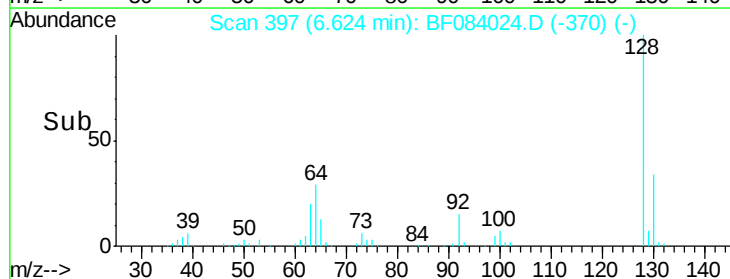
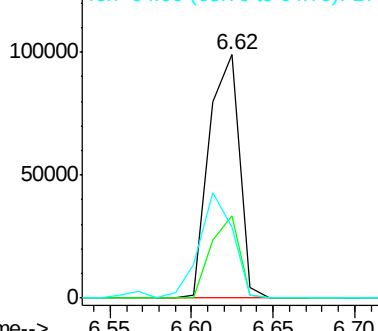
128 100

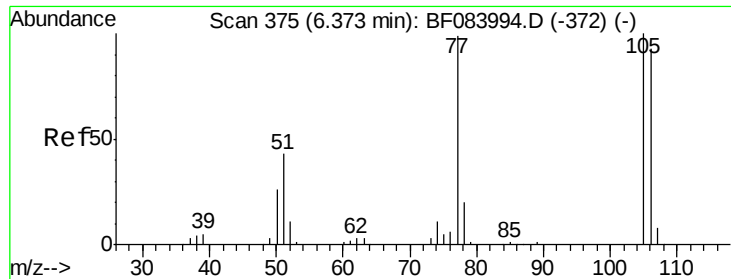
130 33.6 11.6 51.6

64 29.0 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

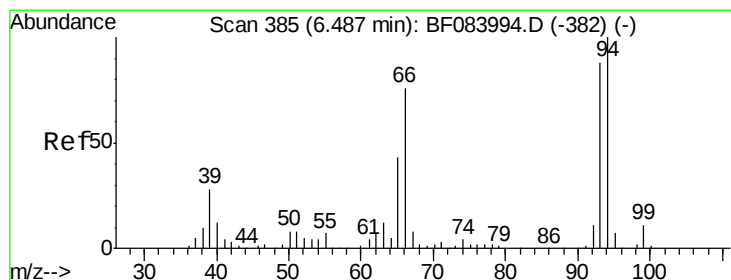
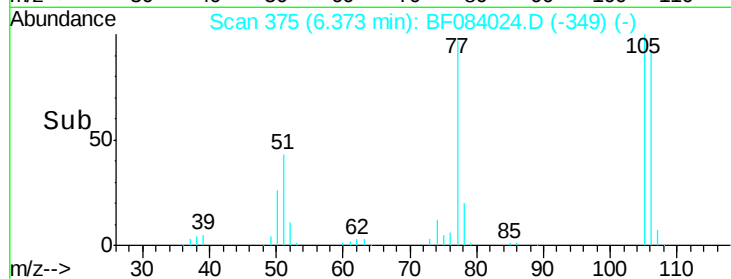
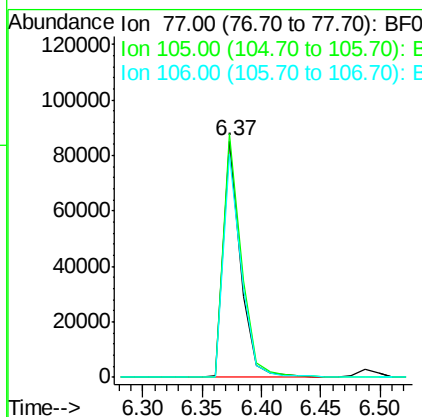
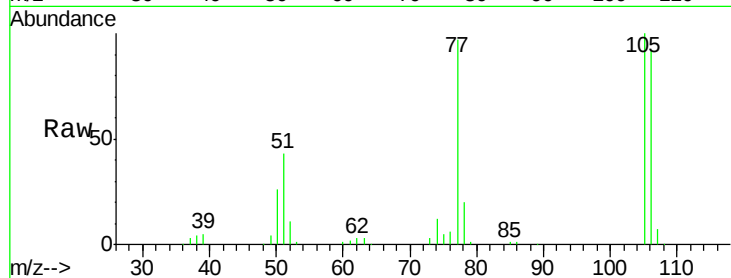




#9
Benzaldehyde
Concen: 40.08 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF084024.D
Acq: 23 Dec 2015 7:59

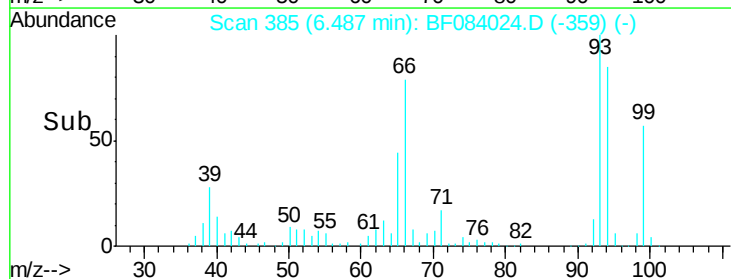
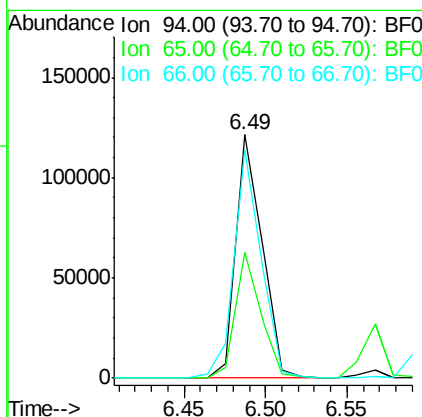
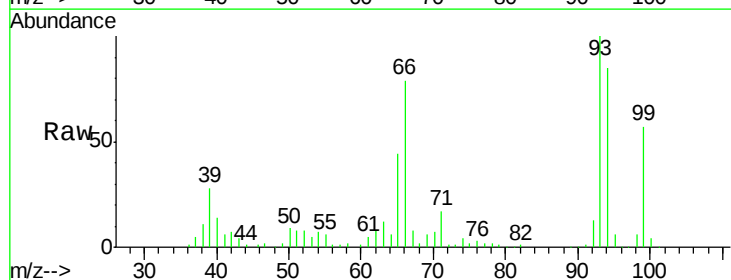
Instrument :
BNA_F
ClientSampled :

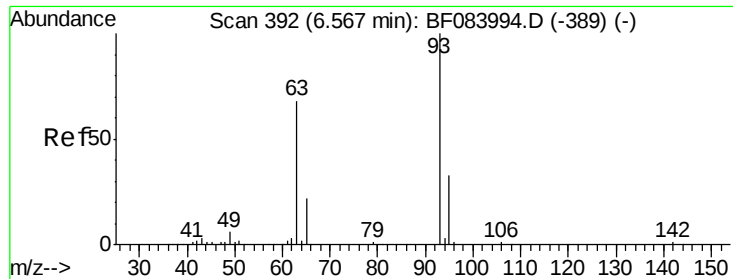
Tot Ion: 77 Resp: 84322
Ion Ratio Lower Upper
77 100
105 103.2 83.0 123.0
106 94.7 74.6 114.6



#10
Phenol
Concen: 36.98 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF084024.D
Acq: 23 Dec 2015 7:59

Tgt Ion: 94 Resp: 134769
Ion Ratio Lower Upper
94 100
65 51.6 12.9 52.9
66 93.7 32.7 72.7#

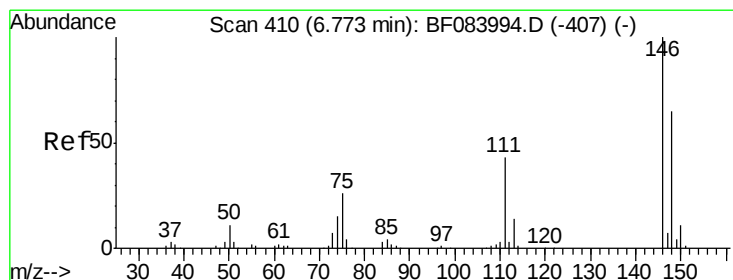
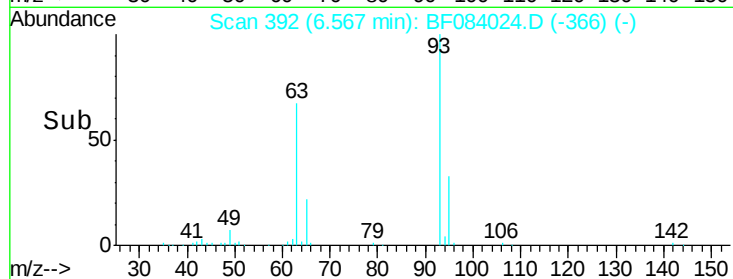
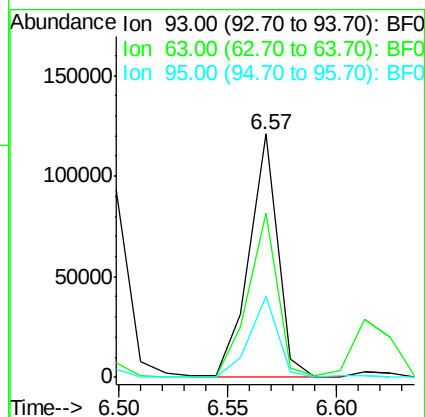
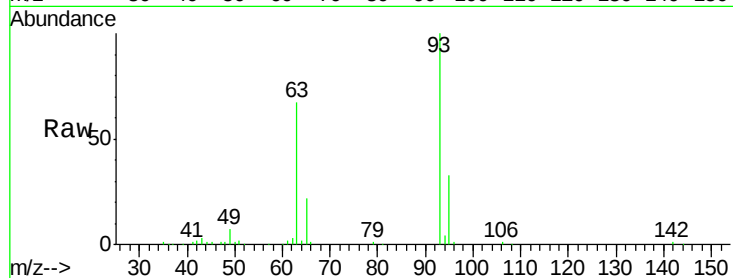




#11
 bis(2-Chloroethyl)ether
 Concen: 39.56 ng
 RT: 6.57 min Scan# 392
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

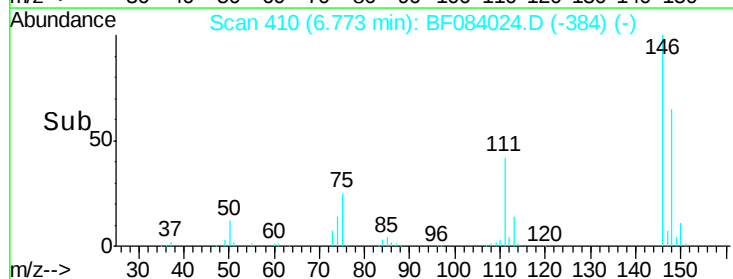
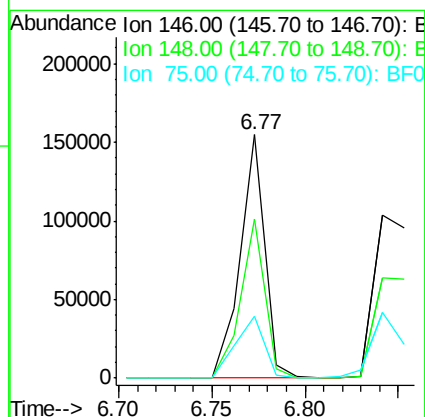
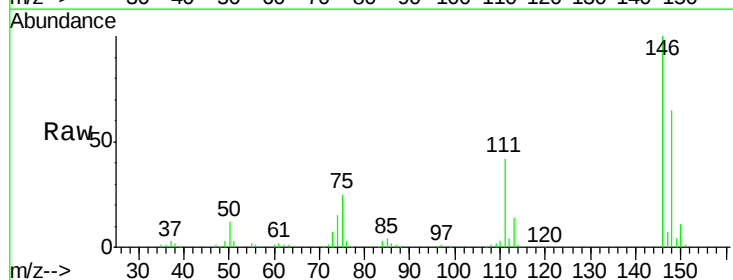
Instrument :
 BNA_F
 ClientSampleId :

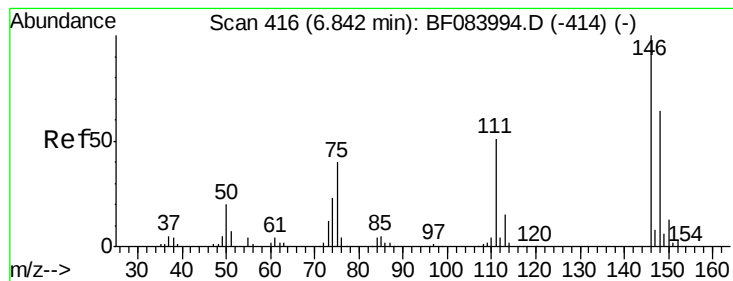
Tot Ion: 93 Resp: 110187
 Ion Ratio Lower Upper
 93 100
 63 67.2 45.9 85.9
 95 33.2 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 41.92 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

Tgt Ion: 146 Resp: 143700
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.9 77.9
 75 25.4 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 42.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

Instrument :

BNA_F

ClientSampleId :

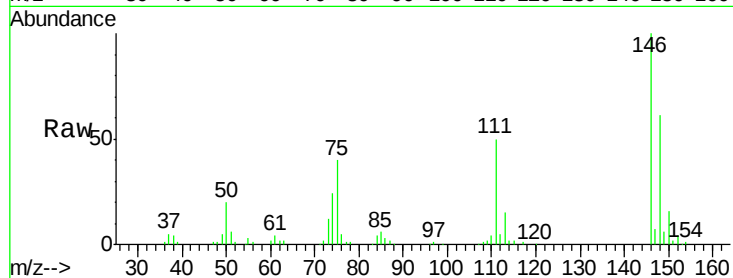
Tot Ion:146 Resp: 140586

Ion Ratio Lower Upper

146 100

148 61.5 51.9 77.9

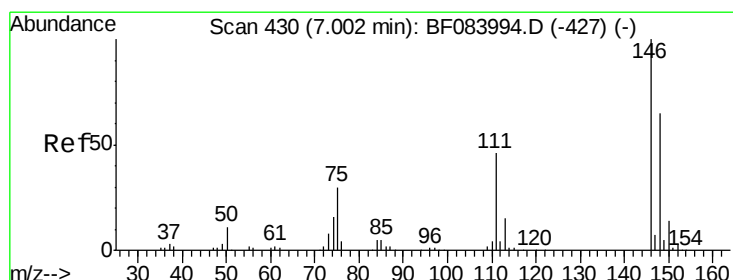
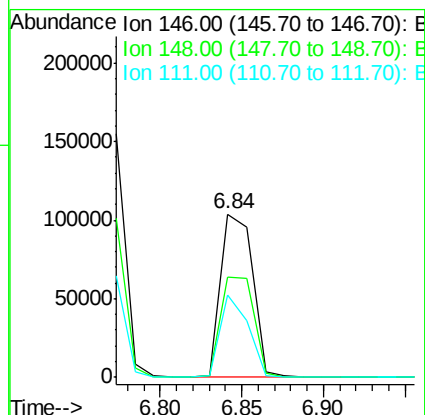
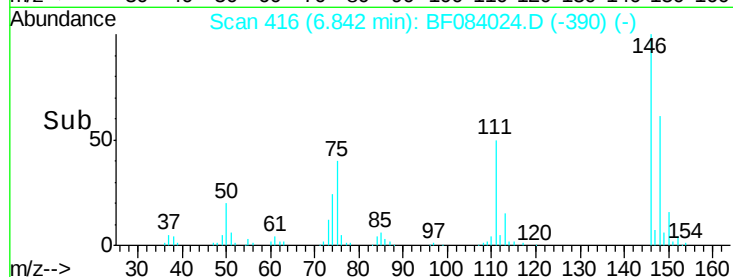
111 50.2 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.52 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

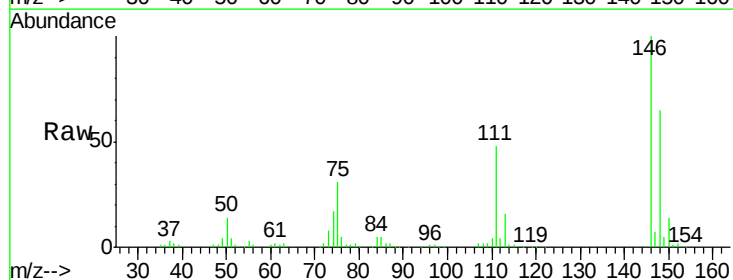
Tgt Ion:146 Resp: 139281

Ion Ratio Lower Upper

146 100

148 65.2 51.6 77.4

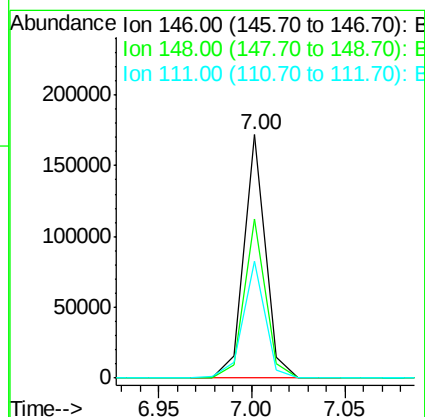
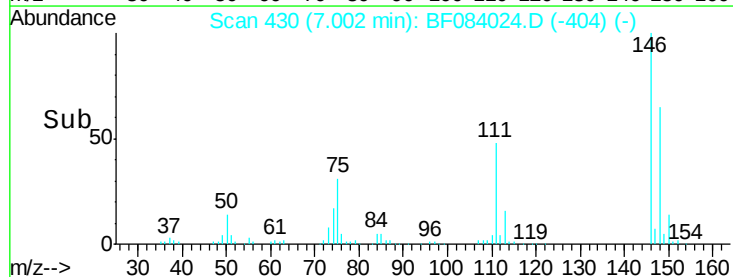
111 48.0 38.0 57.0

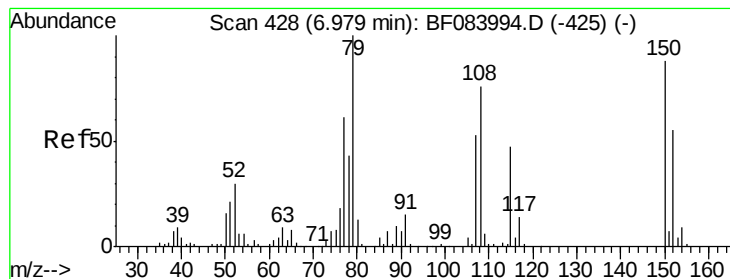


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.42 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

Instrument :

BNA_F

ClientSampleId :

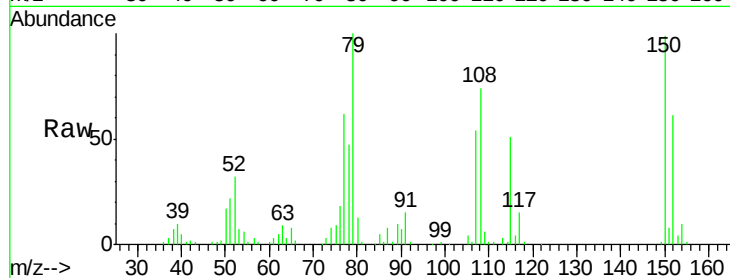
Tot Ion: 79 Resp: 110194

Ion Ratio Lower Upper

79 100

108 73.9 69.0 103.4

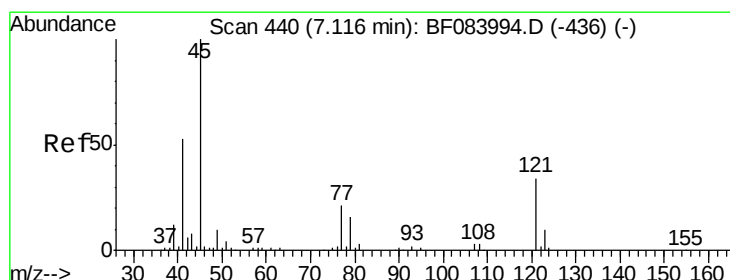
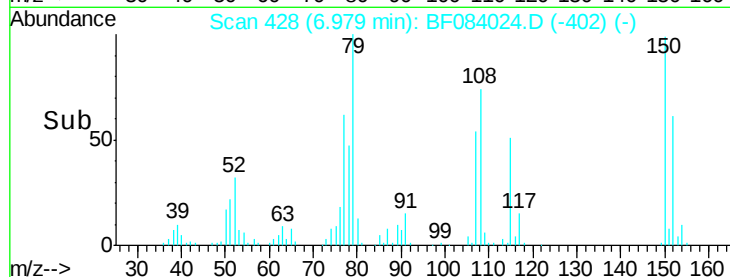
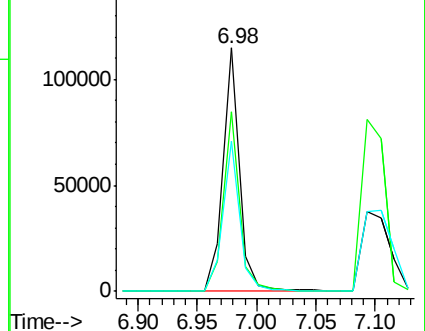
77 61.9 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.06 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

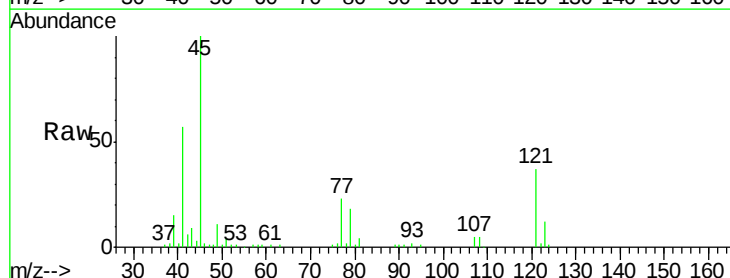
Tgt Ion: 45 Resp: 110396

Ion Ratio Lower Upper

45 100

77 22.8 0.0 39.6

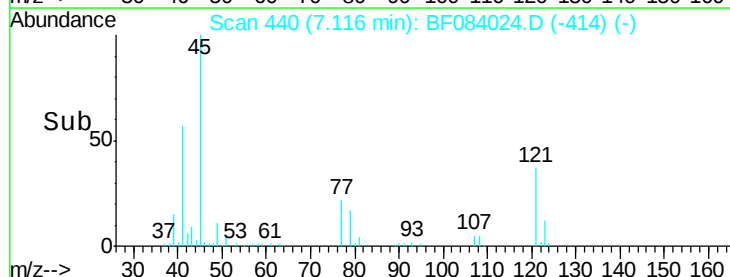
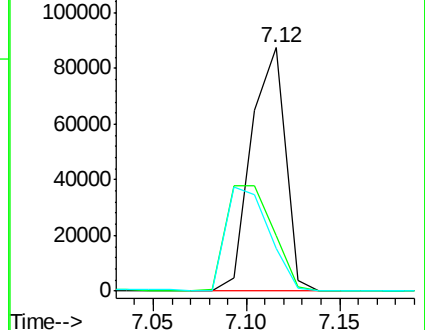
79 17.7 0.0 35.0

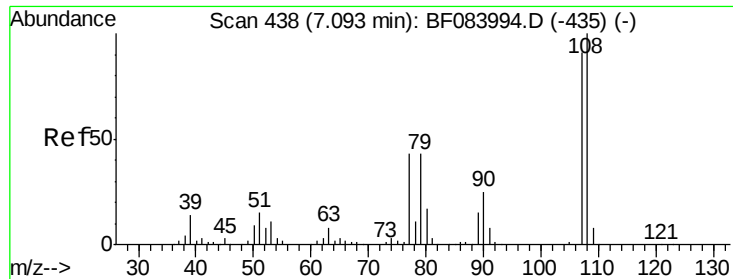


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

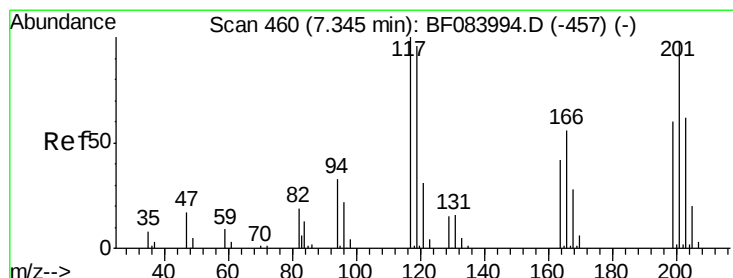
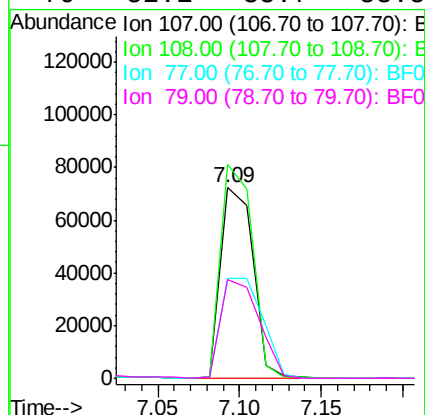
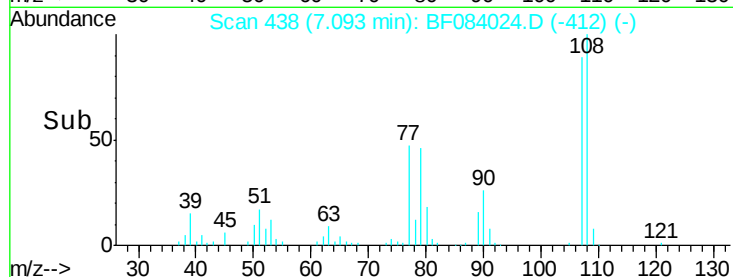
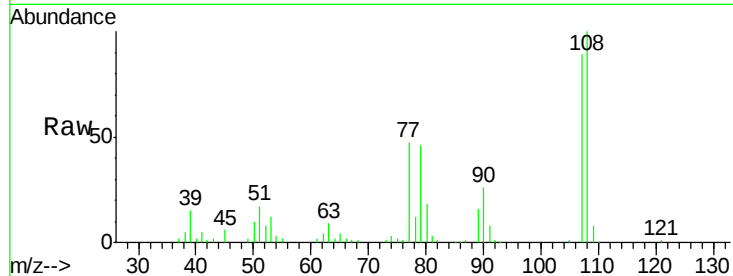




#17
2-Methylphenol
Concen: 40.12 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF084024.D
Acq: 23 Dec 2015 7:59

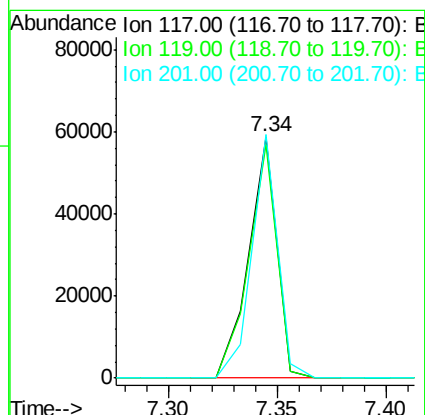
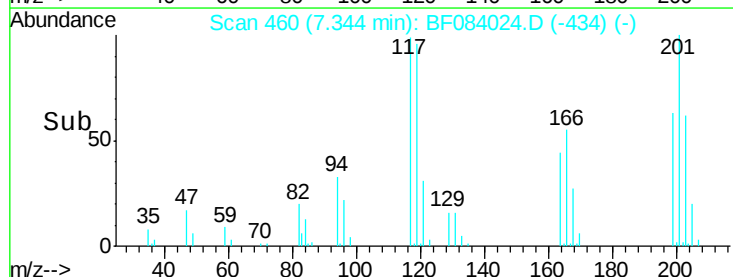
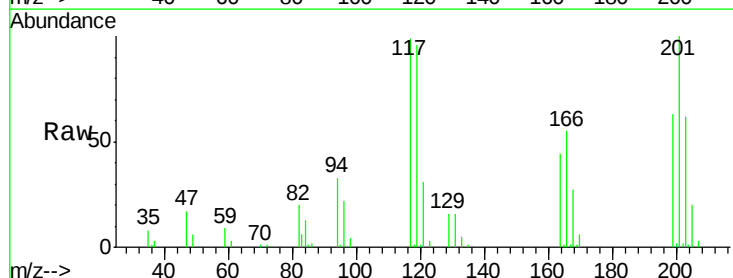
Instrument :
BNA_F
ClientSampleId :

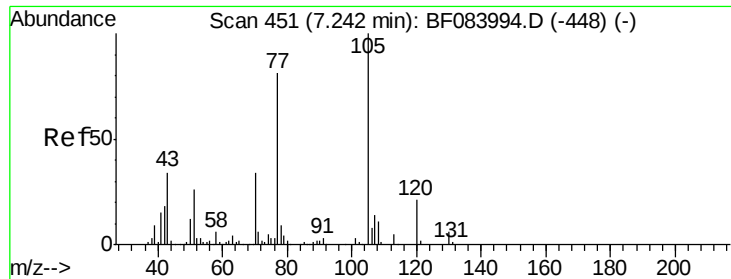
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.8	134.6
77	52.3	35.7	53.5
79	52.1	35.7	53.5



#18
Hexachloroethane
Concen: 42.87 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF084024.D
Acq: 23 Dec 2015 7:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.4	116.0
201	100.9	68.6	103.0

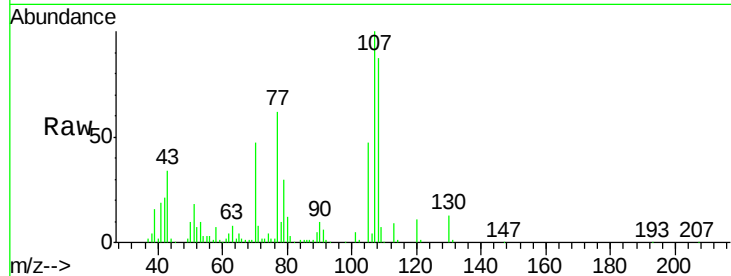




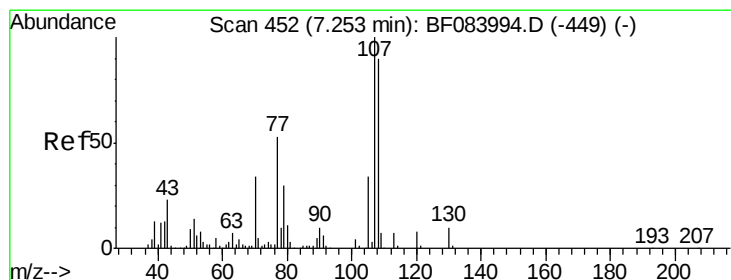
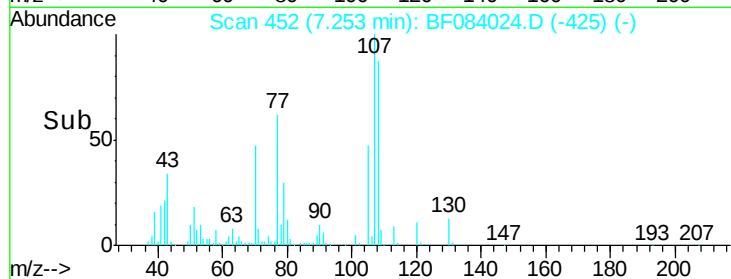
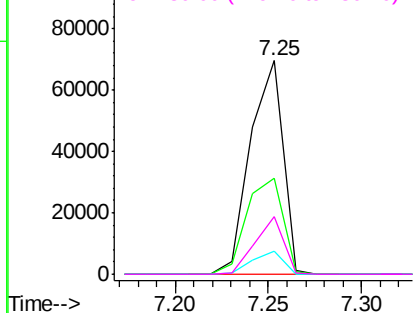
#19
n-Nitroso-di-n-propylamine
Concen: 44.26 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.01 min
Lab File: BF084024.D
Acq: 23 Dec 2015 7:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 84502
Ion Ratio Lower Upper
70 100
42 44.7 33.3 49.9
101 10.9 9.3 13.9
130 26.8 23.4 35.0



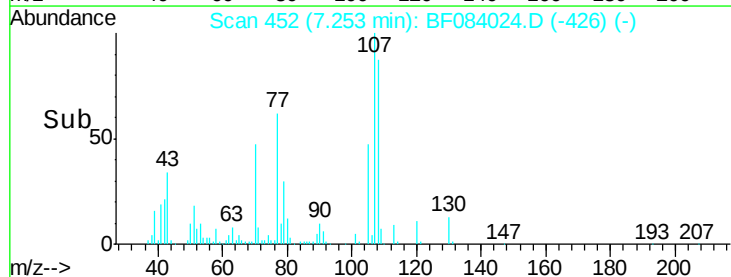
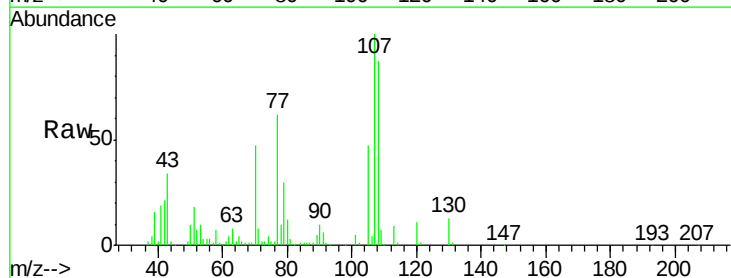
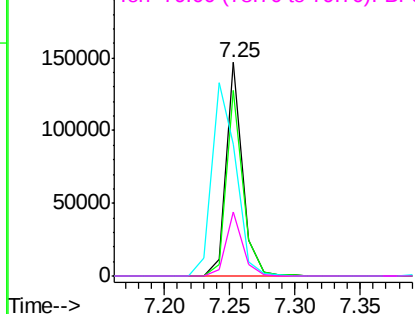
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

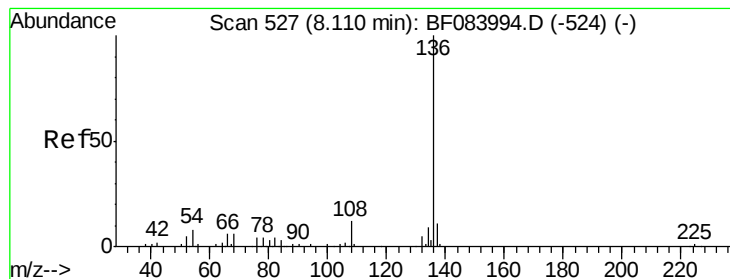


#20
3+4-Methylphenols
Concen: 42.42 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF084024.D
Acq: 23 Dec 2015 7:59

Tgt Ion:107 Resp: 128669
Ion Ratio Lower Upper
107 100
108 86.8 64.1 104.1
77 62.0 128.9 168.9#
79 30.0 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: 8.12 min Scan# 528

Delta R.T. 0.01 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 178489

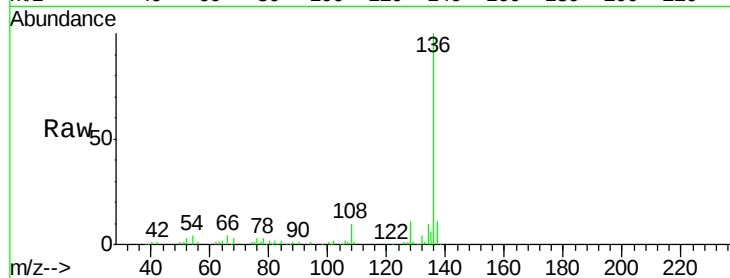
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 4.1 5.8 8.8#

68 3.4 4.2 6.2#

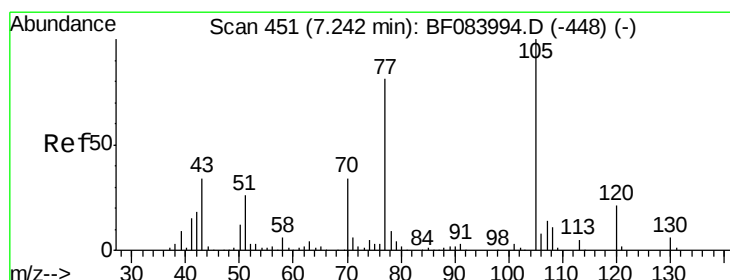
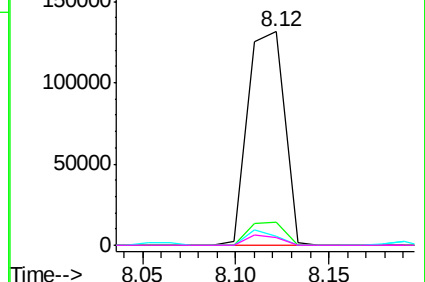
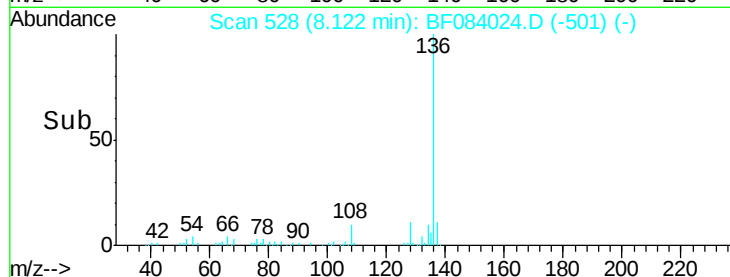


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.39 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

Tgt Ion:105 Resp: 173339

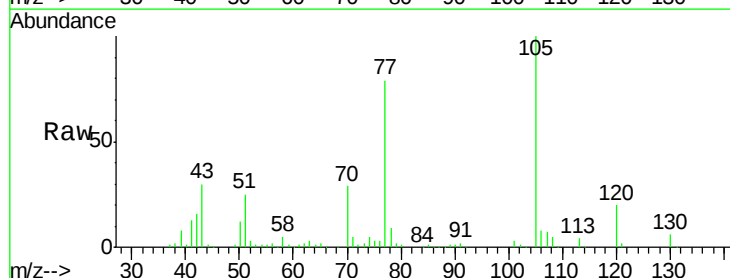
Ion Ratio Lower Upper

105 100

71 4.7 3.7 5.5

51 25.4 25.1 37.7

120 20.4 16.6 25.0

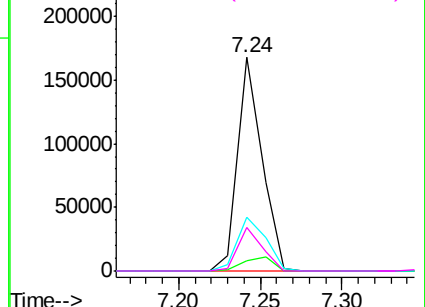
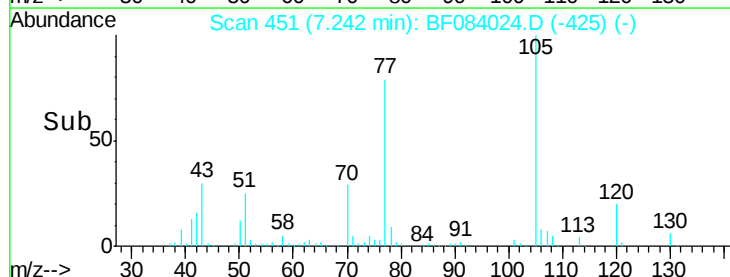


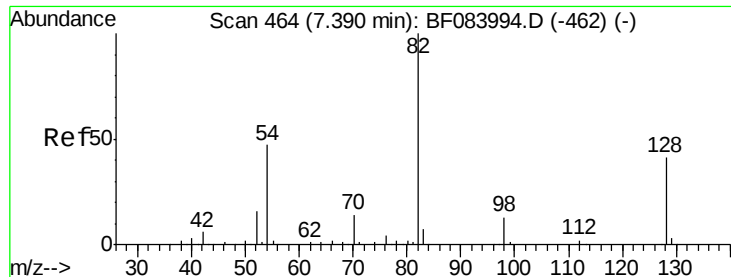
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

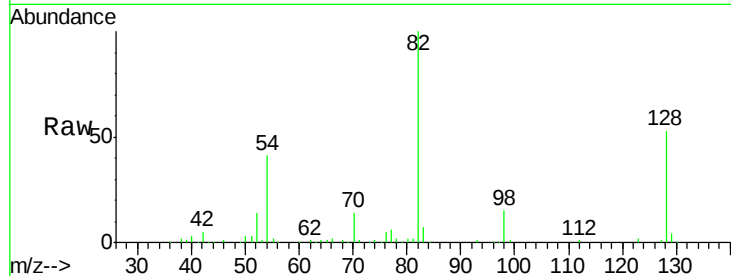




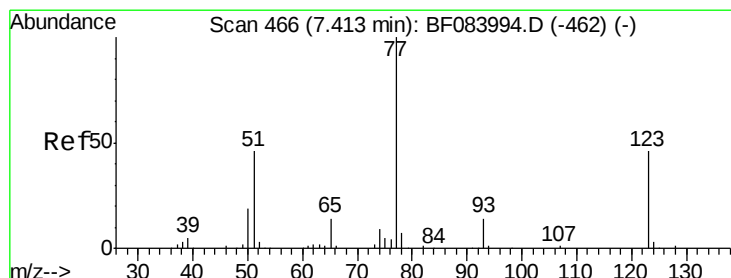
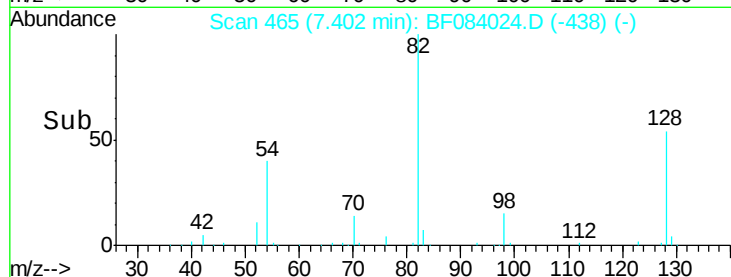
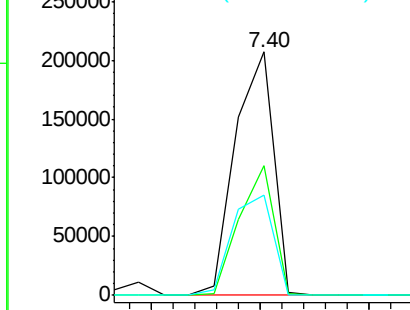
#23
 Nitrobenzene-d5
 Concen: 87.13 ng
 RT: 7.40 min Scan# 465
 Delta R.T. 0.01 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 253143
 Ion Ratio Lower Upper
 82 100
 128 53.4 34.6 51.8#
 54 41.3 38.4 57.6

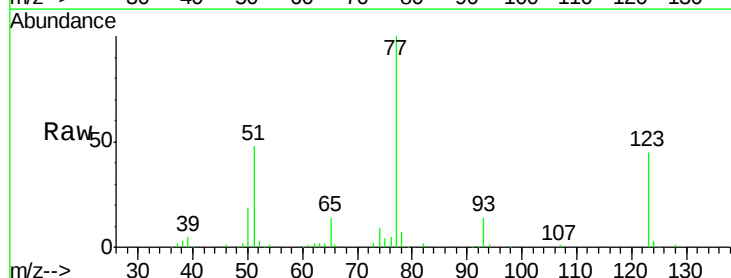


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

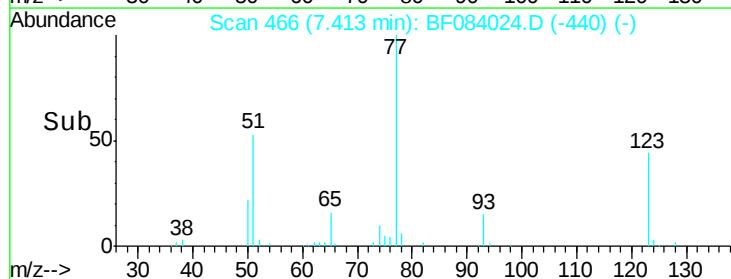
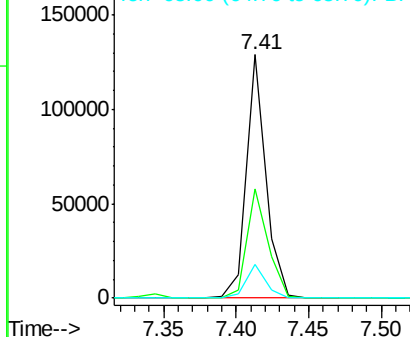


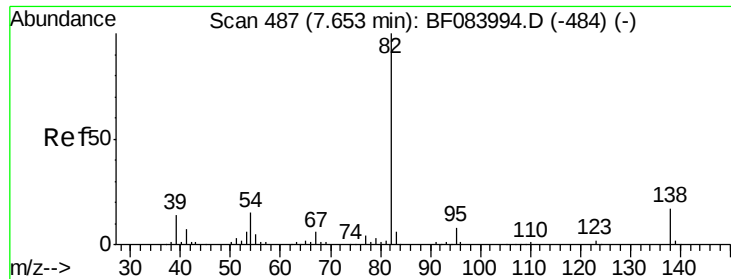
#24
 Nitrobenzene
 Concen: 40.04 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

Tgt Ion: 77 Resp: 119895
 Ion Ratio Lower Upper
 77 100
 123 44.9 37.4 56.2
 65 13.9 10.9 16.3



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





#25

Isophorone

Concen: 40.97 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

Instrument :

BNA_F

ClientSampleId :

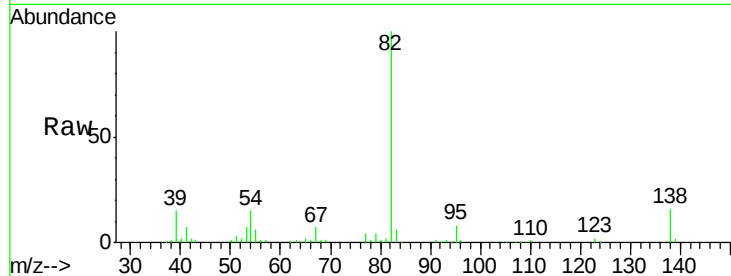
Tot Ion: 82 Resp: 225560

Ion Ratio Lower Upper

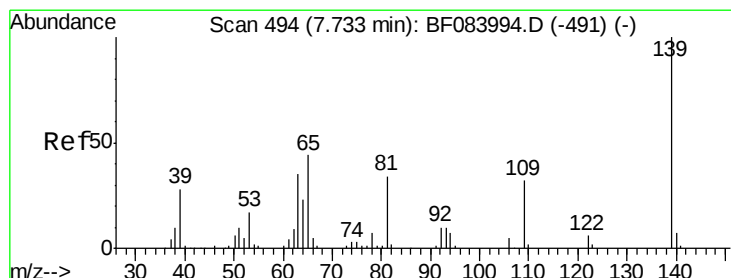
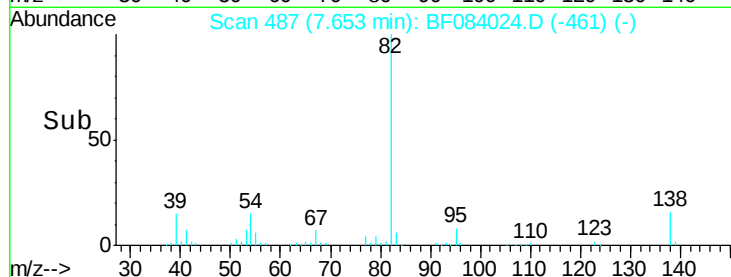
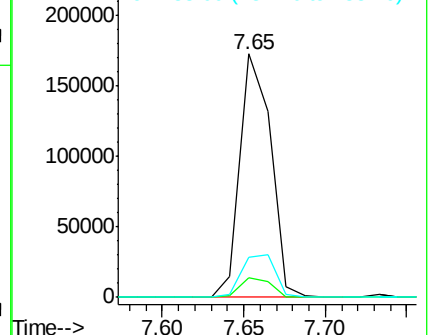
82 100

95 8.0 6.6 10.0

138 16.5 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: 42.15 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

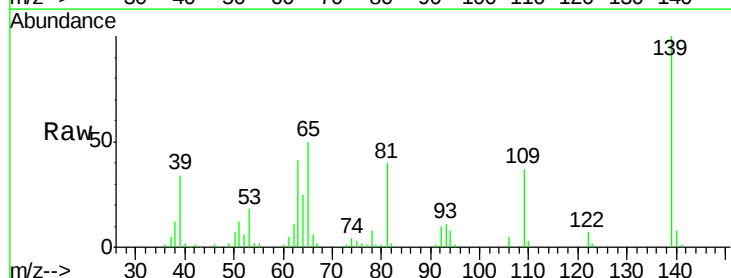
Tgt Ion: 139 Resp: 67924

Ion Ratio Lower Upper

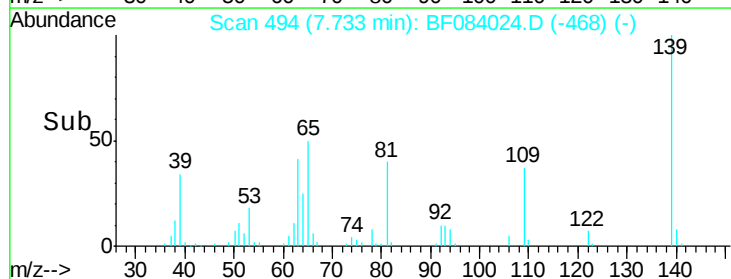
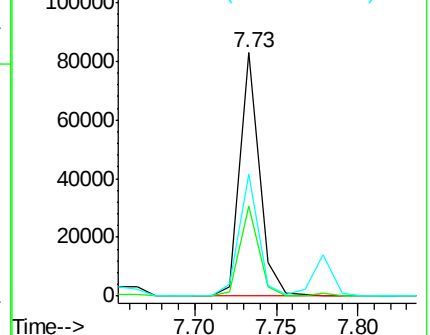
139 100

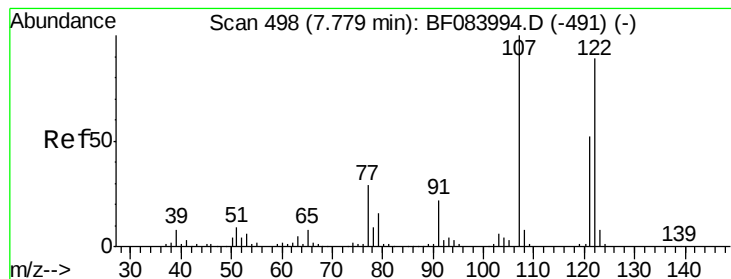
109 36.8 25.4 38.2

65 50.1 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: 40.56 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

Instrument :

BNA_F

ClientSampleId :

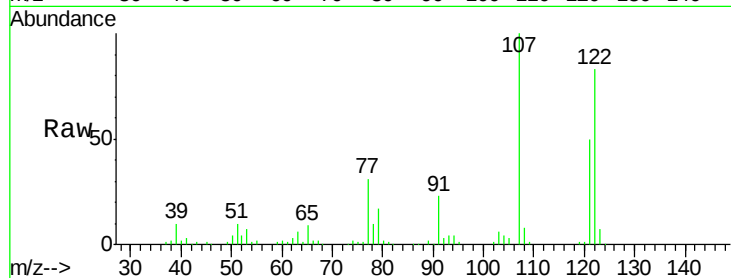
Tot Ion:122 Resp: 113920

Ion Ratio Lower Upper

122 100

107 120.9 99.1 148.7

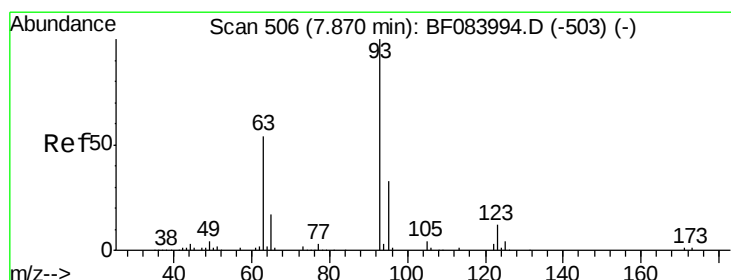
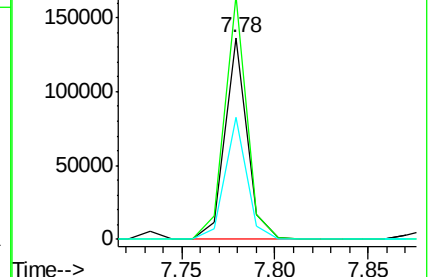
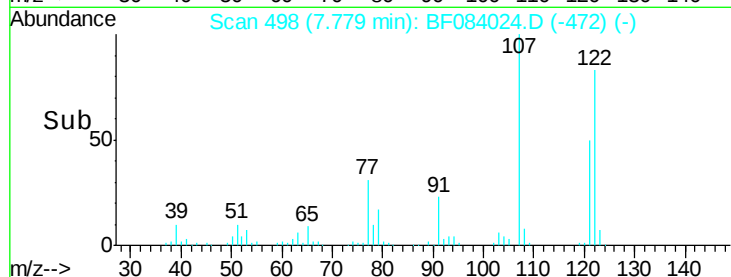
121 60.9 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.38 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

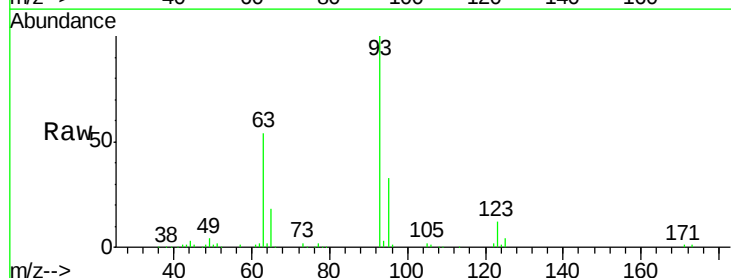
Tgt Ion: 93 Resp: 147928

Ion Ratio Lower Upper

93 100

95 33.0 25.8 38.6

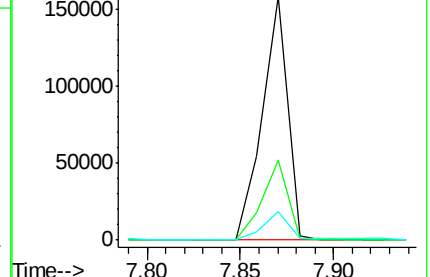
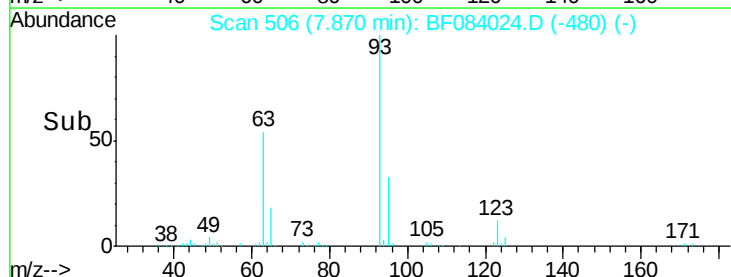
123 11.9 8.6 12.8

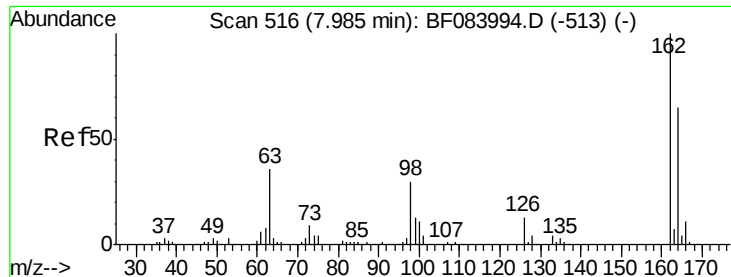


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

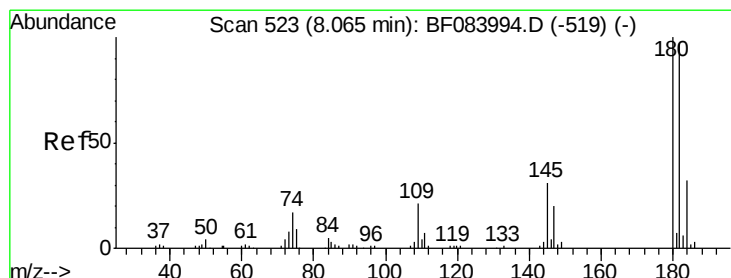
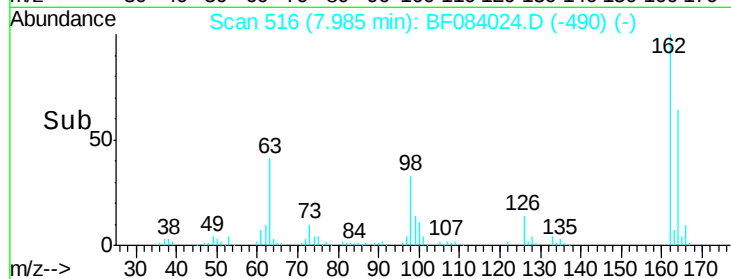
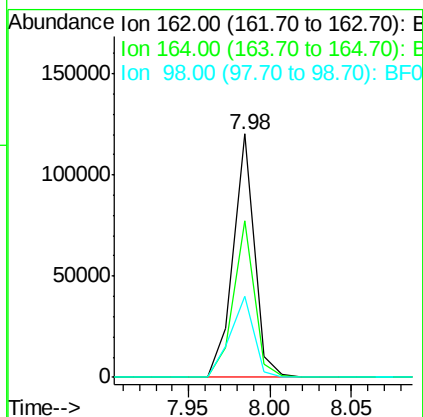
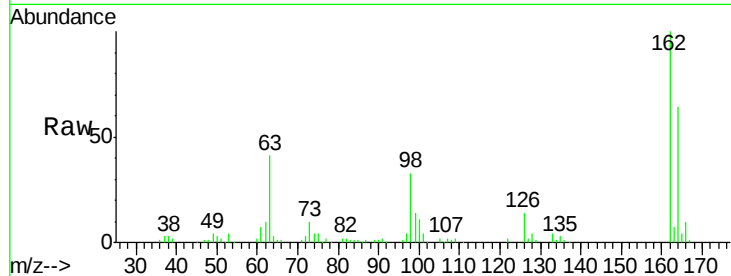




#29
 2,4-Dichlorophenol
 Concen: 42.65 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

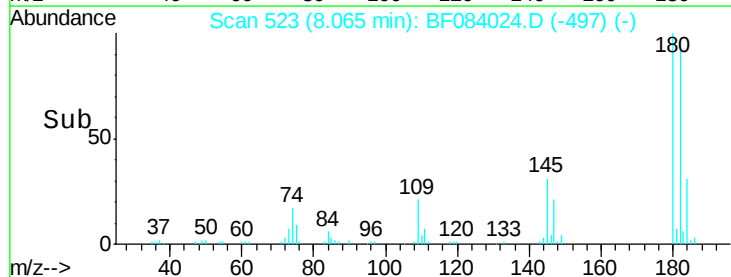
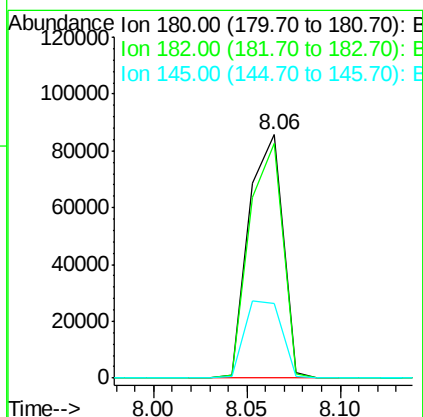
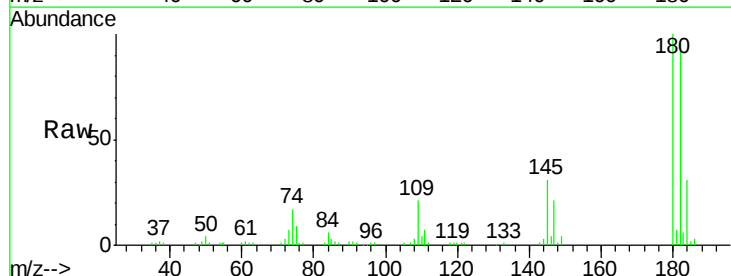
Instrument :
 BNA_F
 ClientSampleId :

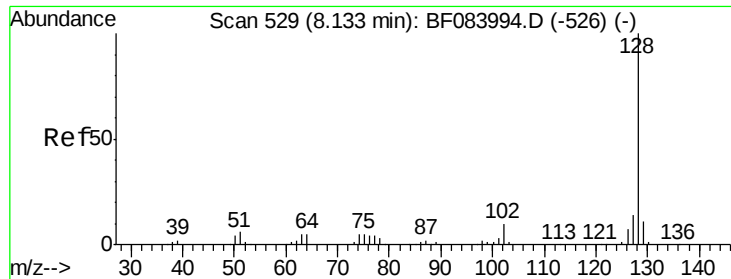
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.1	84.1
98	33.1	20.2	60.2



#30
 1,2,4-Trichlorobenzene
 Concen: 41.11 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.4	114.6
145	30.9	31.6	47.4

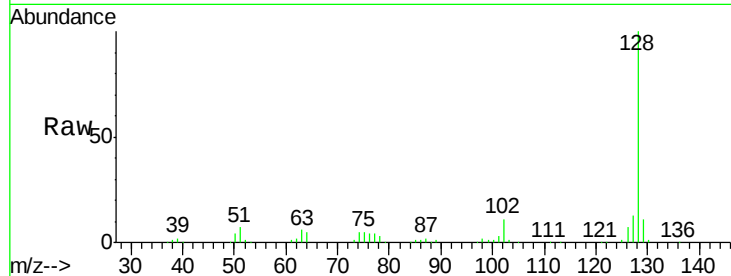




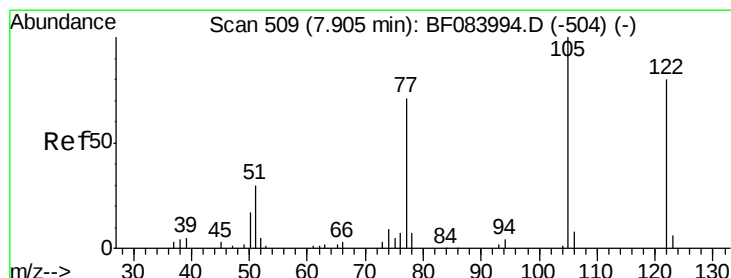
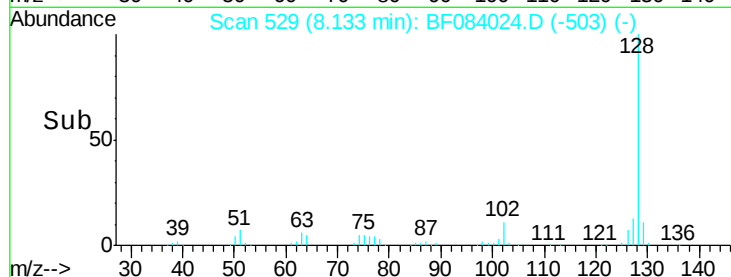
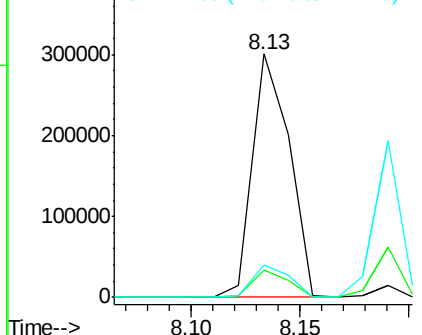
#31
Naphthalene
Concen: 39.17 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF084024.D
Acq: 23 Dec 2015 7:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 357186
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.4 11.1 16.7

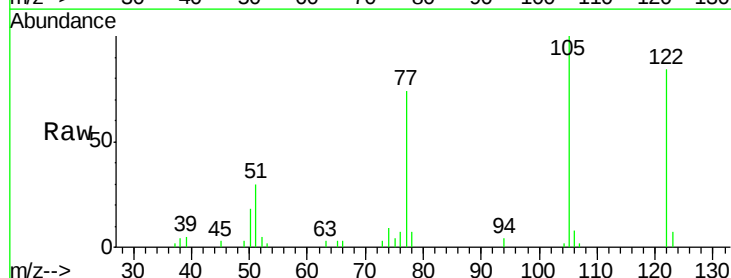


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

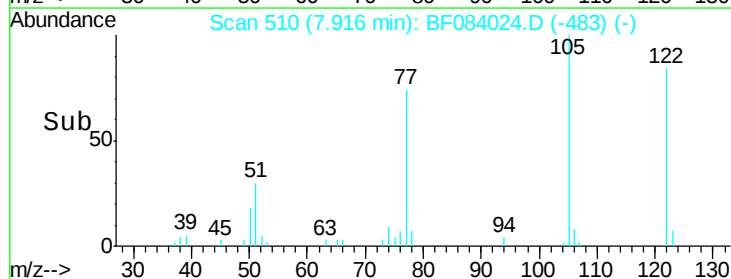
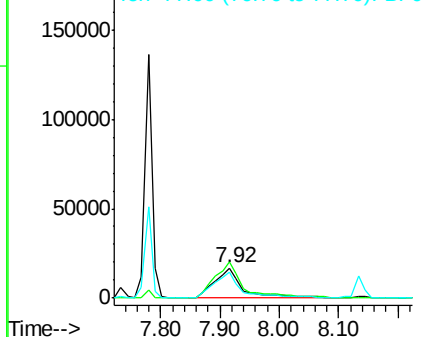


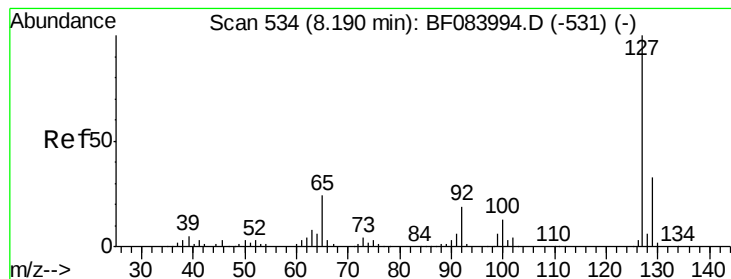
#32
Benzoic acid
Concen: 43.88 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF084024.D
Acq: 23 Dec 2015 7:59

Tgt Ion:122 Resp: 56188
Ion Ratio Lower Upper
122 100
105 118.7 100.3 140.3
77 88.1 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: 44.10 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 164441

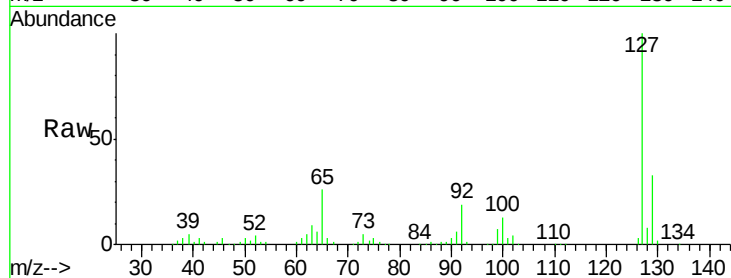
Ion Ratio Lower Upper

127 100

129 32.6 26.5 39.7

65 26.2 27.2 40.8#

92 19.1 17.7 26.5

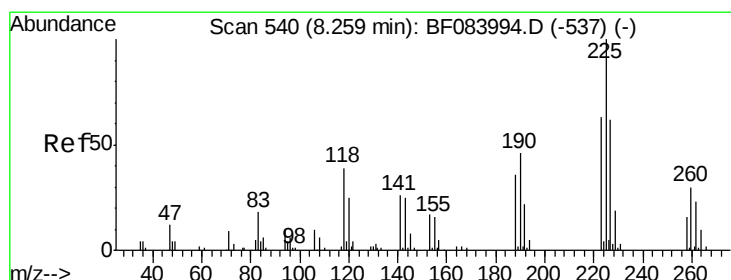
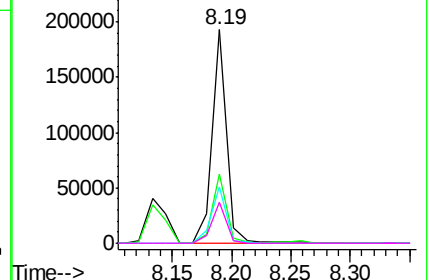
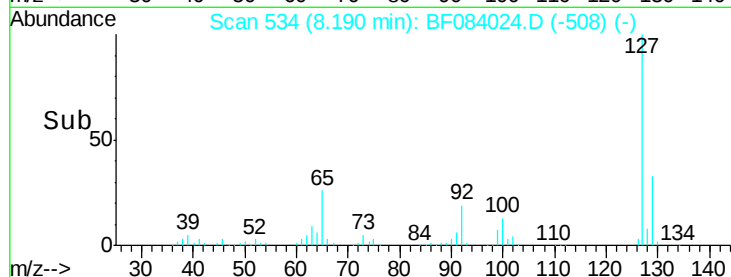


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 42.31 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

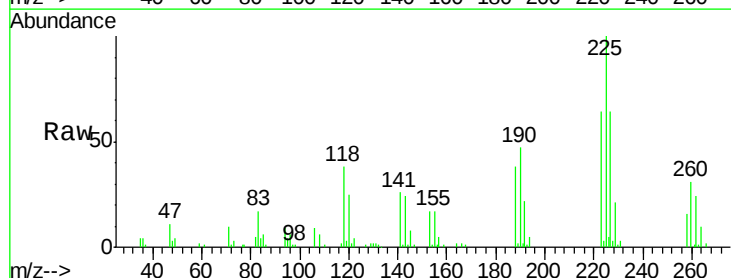
Tgt Ion:225 Resp: 66200

Ion Ratio Lower Upper

225 100

223 64.0 49.4 74.0

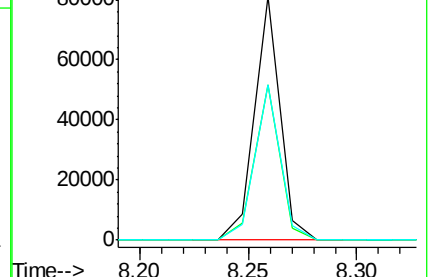
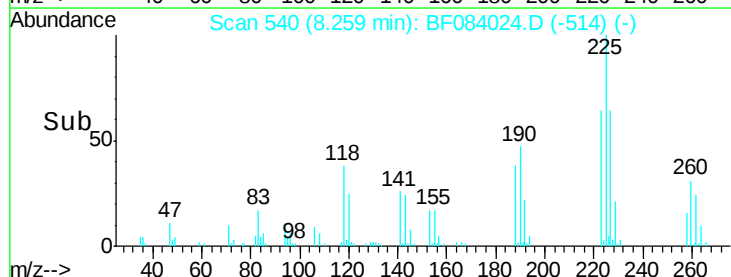
227 63.6 50.8 76.2

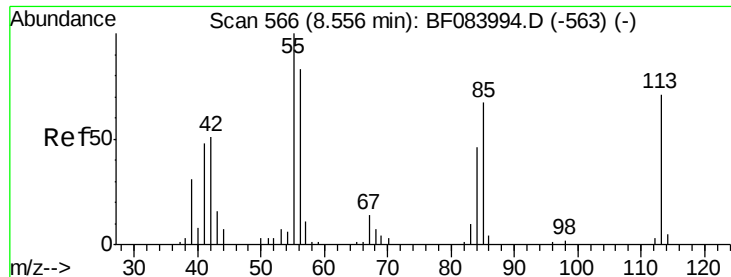


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

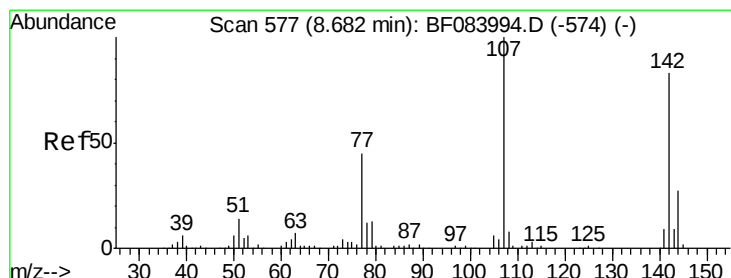
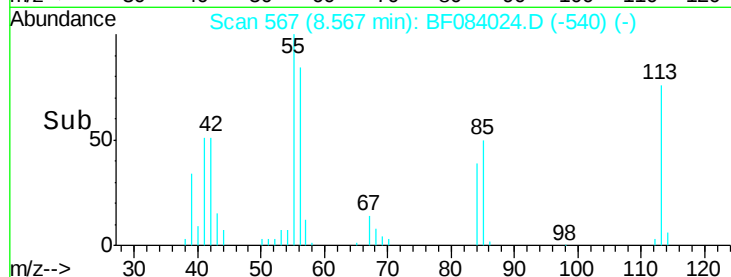
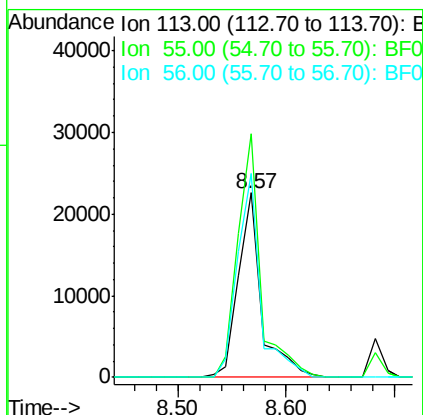
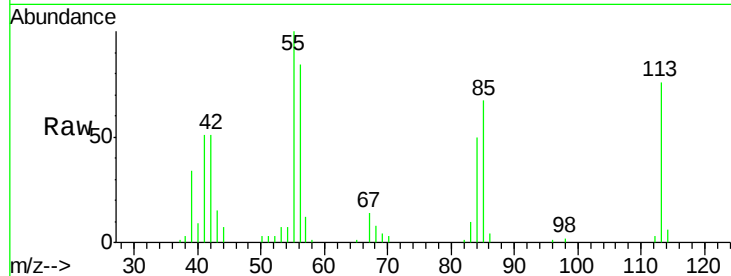




#35
 Caprolactam
 Concen: 43.45 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

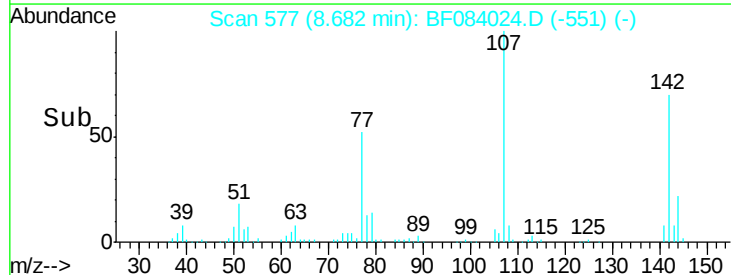
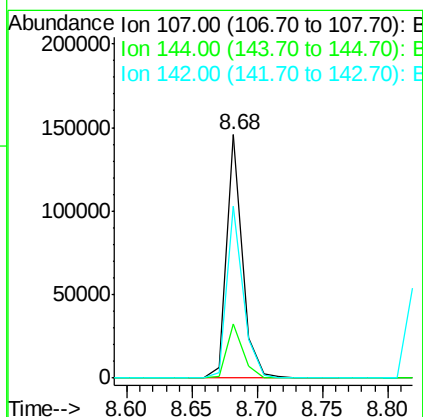
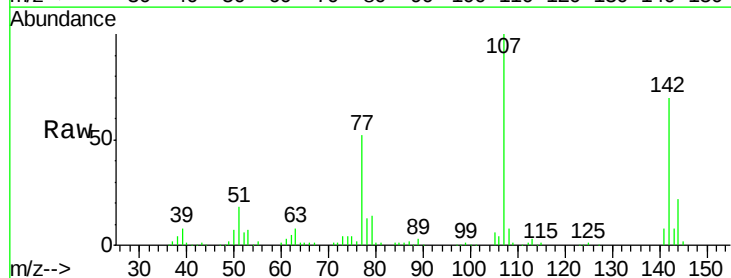
Instrument :
 BNA_F
 ClientSampled :

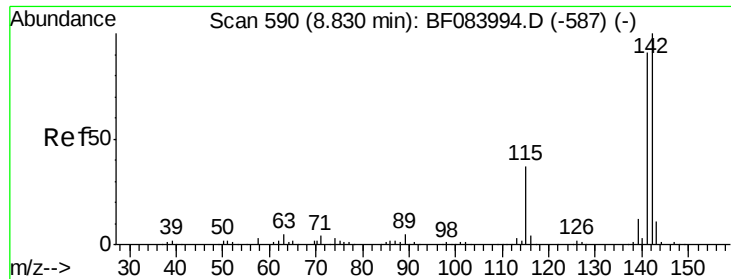
Tot Ion:113 Resp: 32767
 Ion Ratio Lower Upper
 113 100
 55 132.2 116.9 156.9
 56 110.7 93.8 133.8



#36
 4-Chloro-3-methylphenol
 Concen: 45.90 ng
 RT: 8.68 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

Tgt Ion:107 Resp: 123212
 Ion Ratio Lower Upper
 107 100
 144 22.2 19.7 29.5
 142 70.4 61.8 92.6

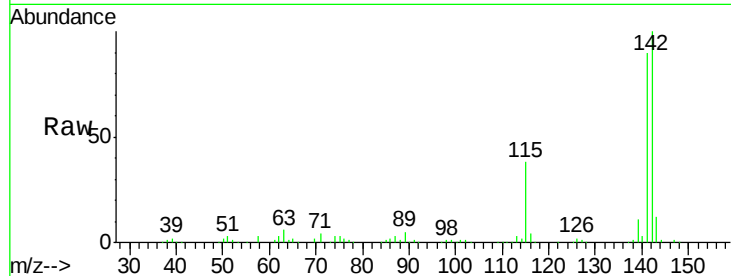




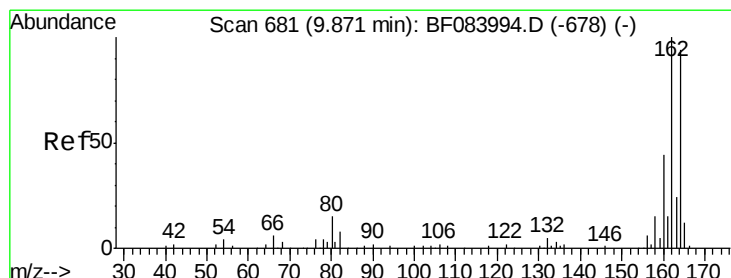
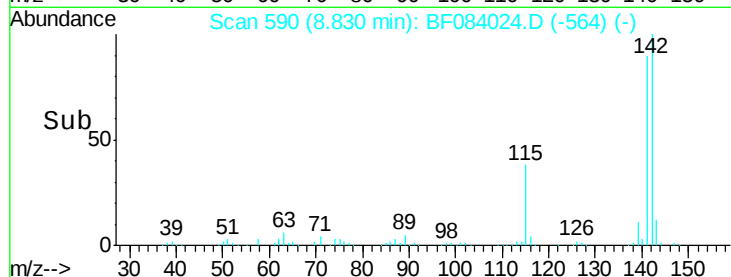
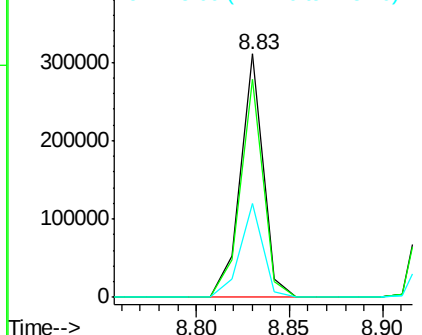
#37
 2-Methylnaphthalene
 Concen: 45.18 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.4	108.6
115	38.5	27.9	41.9

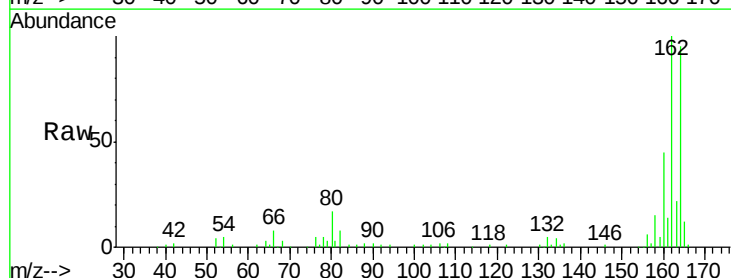


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

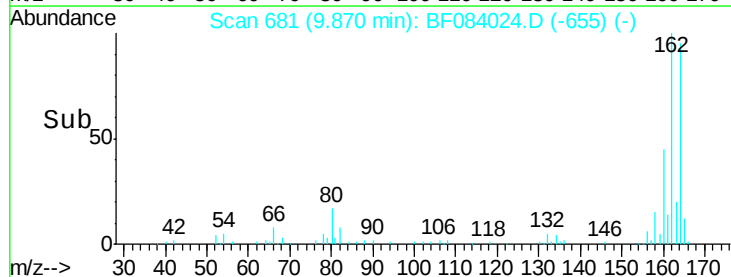
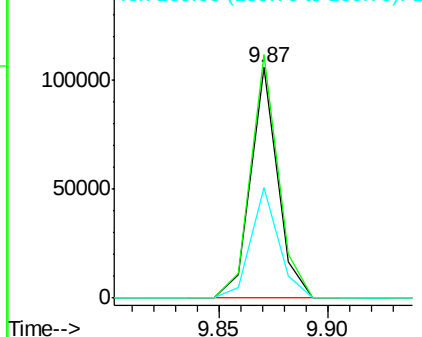


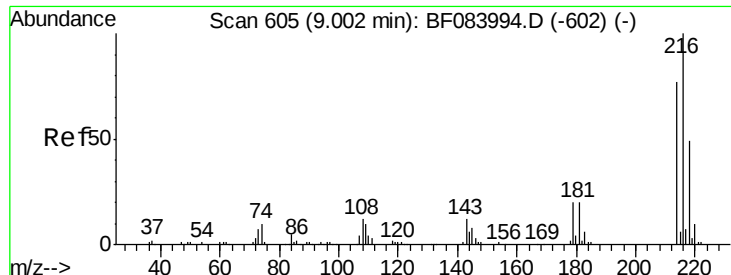
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.1	127.7
160	47.9	37.5	56.3



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

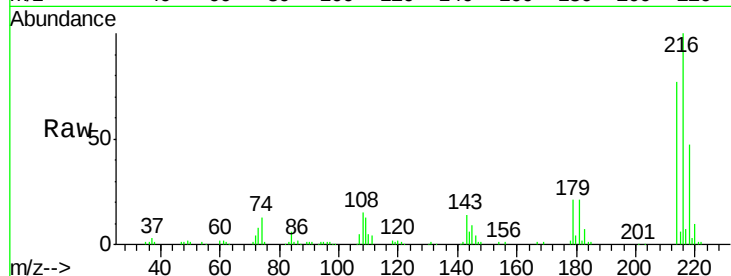




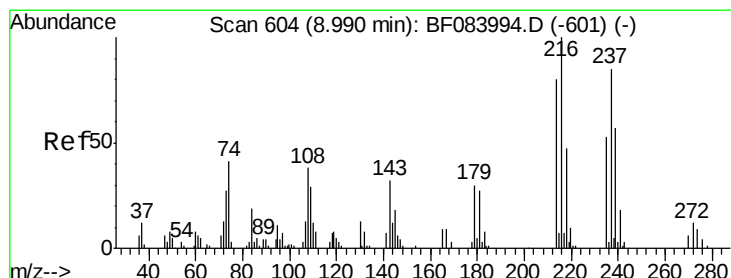
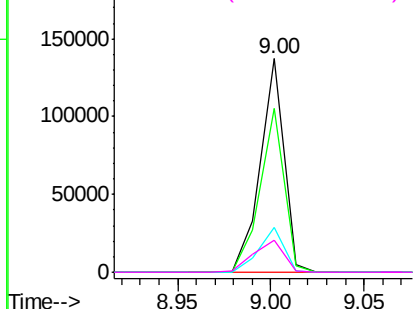
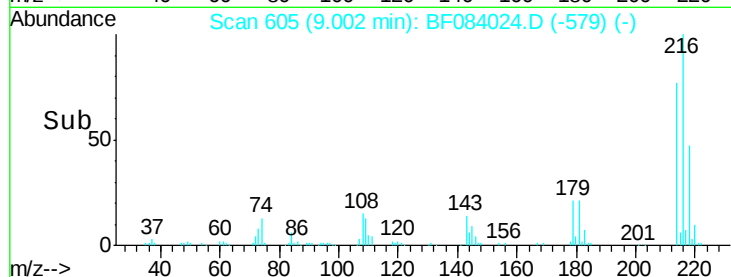
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.76 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	120471
Ion Ratio	Lower	Upper	
216	100		
214	78.0	64.2	96.2
179	22.4	18.7	28.1
108	19.0	16.8	25.2

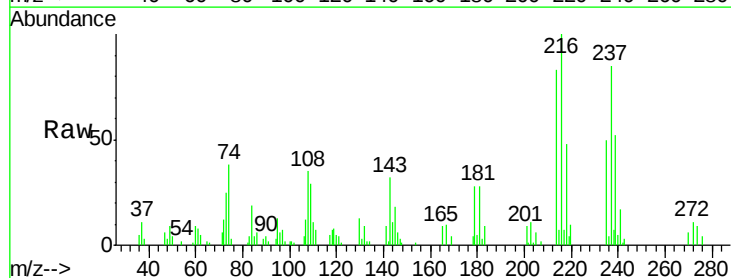


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

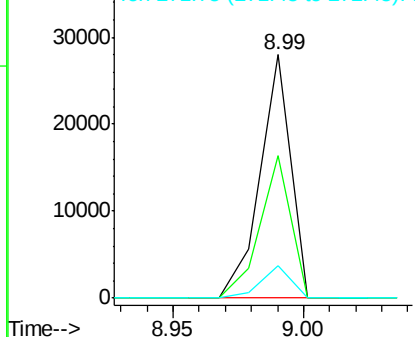
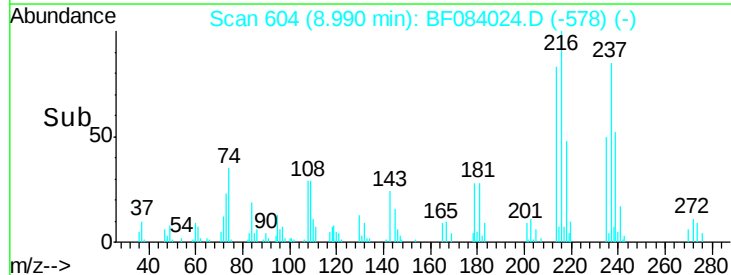


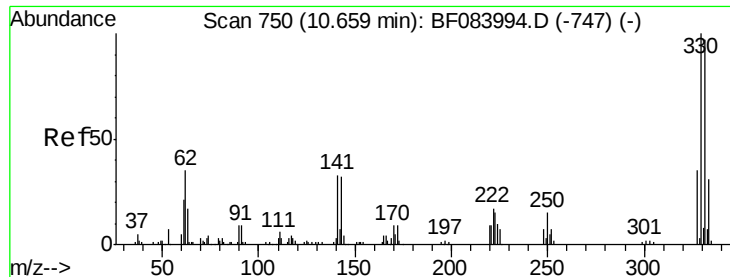
#40
 Hexachlorocyclopentadiene
 Concen: 33.92 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

Tgt Ion:	237	Resp:	23034
Ion Ratio	Lower	Upper	
237	100		
235	58.6	43.1	83.1
272	13.1	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

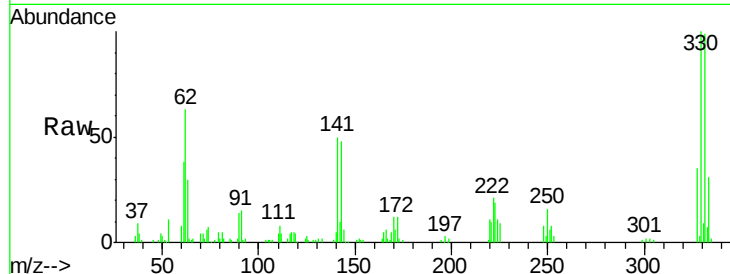




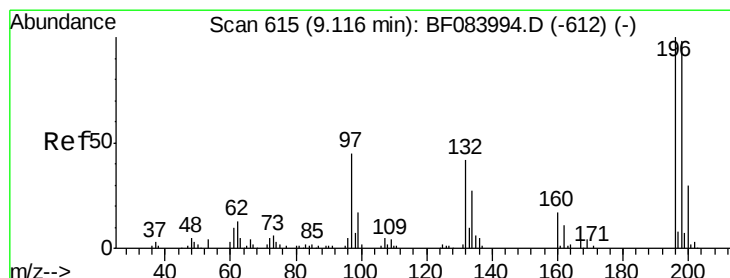
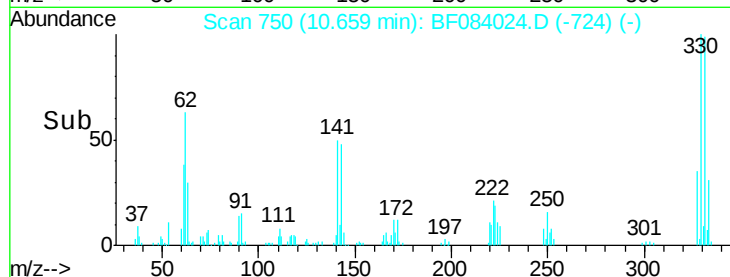
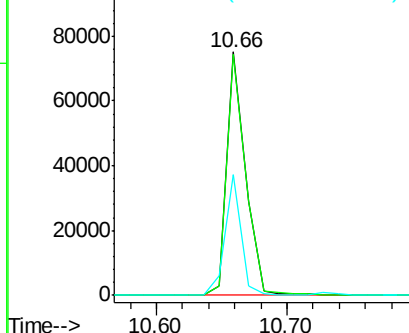
#41
 2,4,6-Tribromophenol
 Concen: 85.79 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 75579
 Ion Ratio Lower Upper
 330 100
 332 99.3 76.6 114.8
 141 42.4 27.8 41.6#

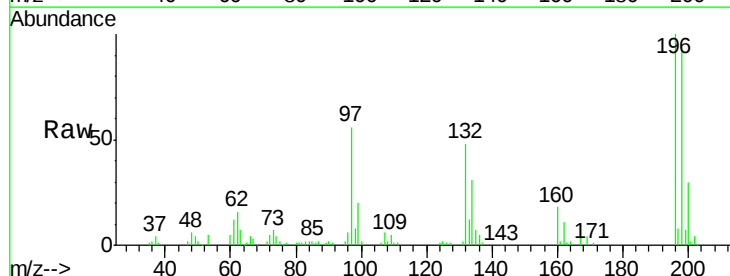


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

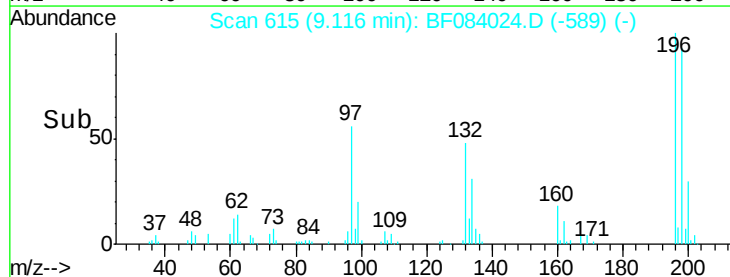
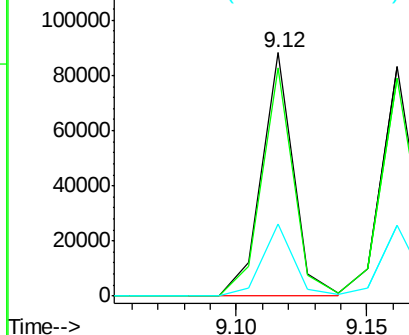


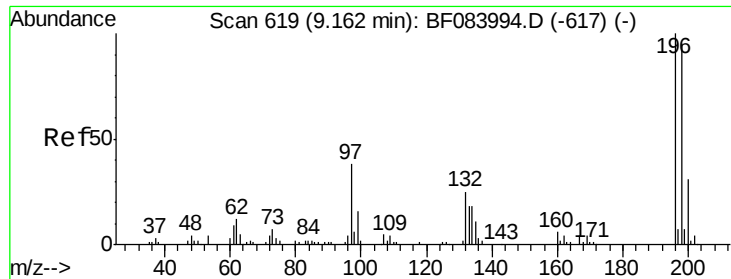
#42
 2,4,6-Trichlorophenol
 Concen: 45.41 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

Tgt Ion:196 Resp: 75285
 Ion Ratio Lower Upper
 196 100
 198 93.5 77.7 116.5
 200 29.8 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

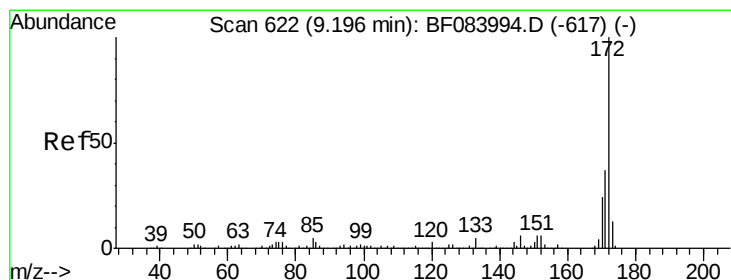
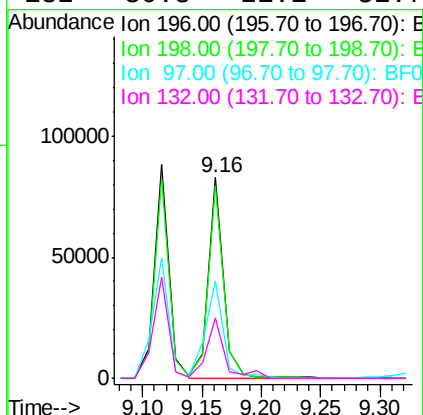
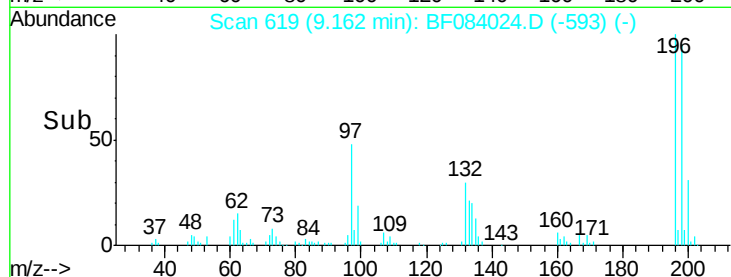
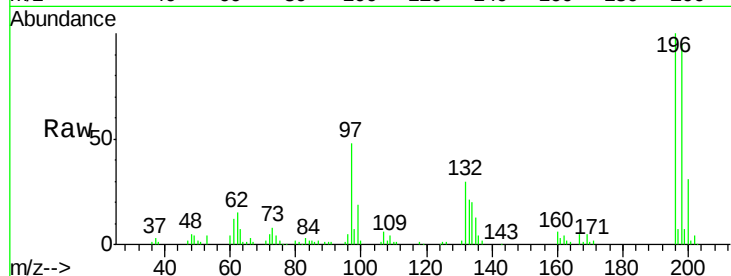




#43
 2,4,5-Trichlorophenol
 Concen: 42.93 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

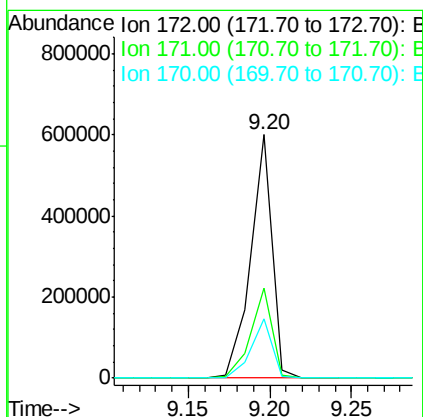
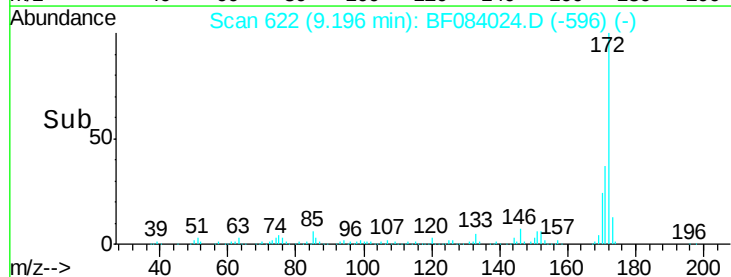
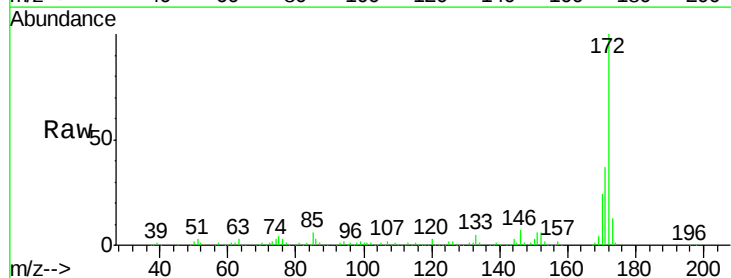
Instrument :
 BNA_F
 ClientSampleId :

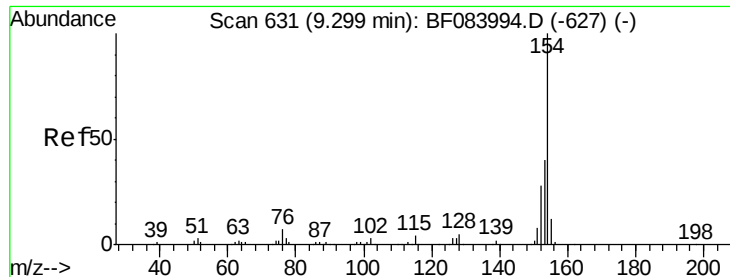
Tot Ion:196	Resp:	74083
Ion Ratio	Lower	Upper
196	100	
198	95.5	79.0 118.6
97	48.2	33.0 49.6
132	30.3	21.1 31.7



#44
 2-Fluorobiphenyl
 Concen: 80.14 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

Tgt Ion:172	Resp:	545393
Ion Ratio	Lower	Upper
172	100	
171	36.8	28.9 43.3
170	24.3	18.6 27.8

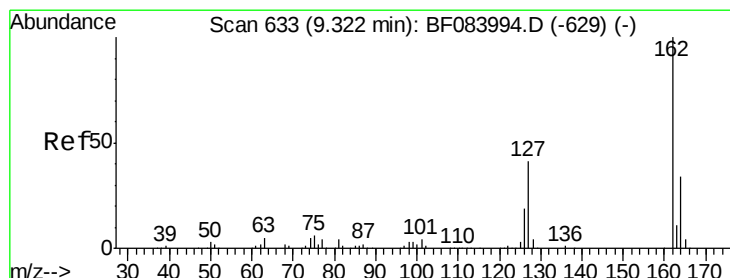
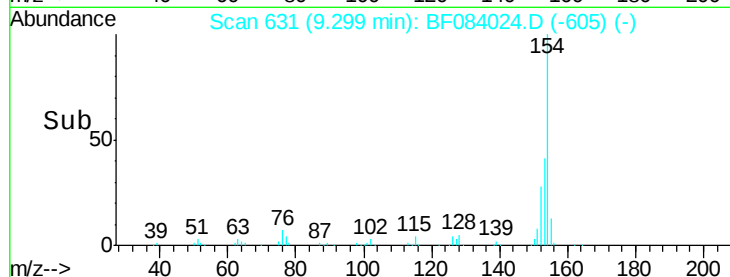
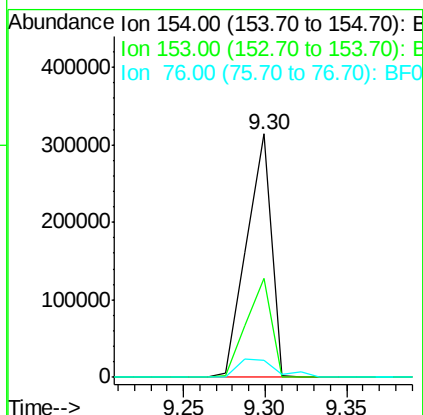
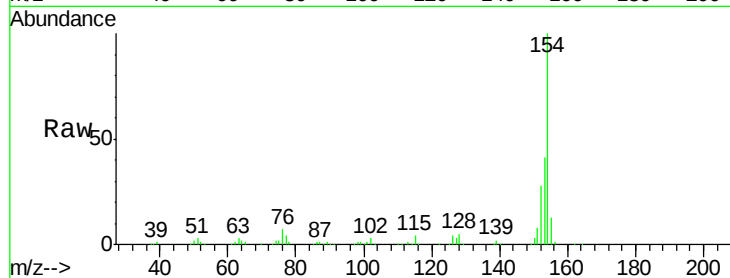




#45
 1,1'-Biphenyl
 Concen: 40.86 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

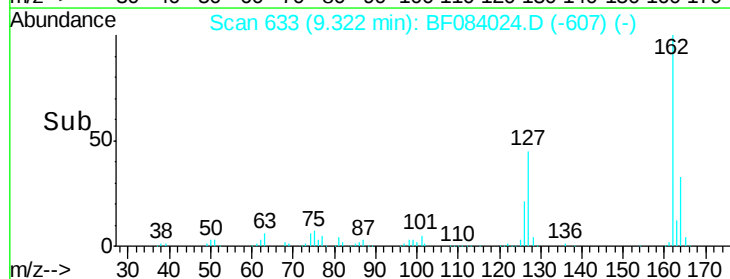
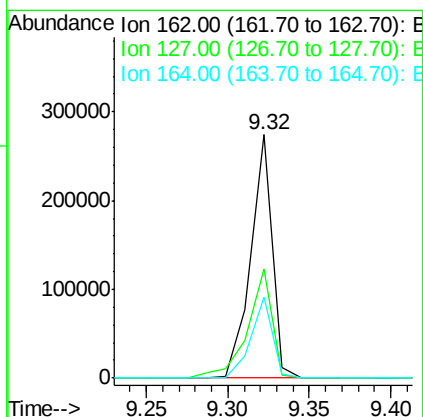
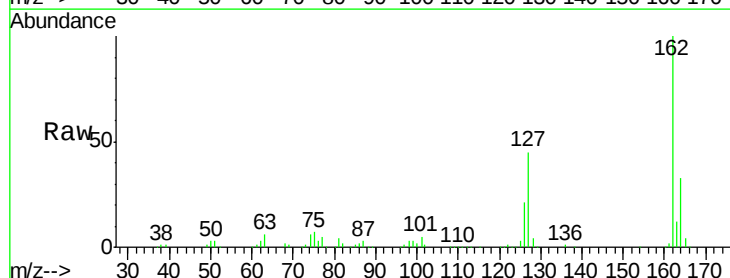
Instrument :
 BNA_F
 ClientSampleId :

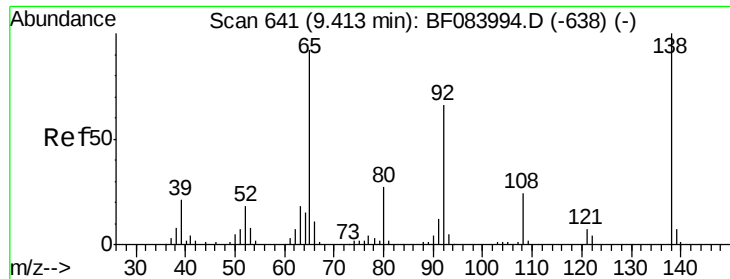
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.6	61.6
76	7.1	0.0	32.7



#46
 2-Chloronaphthalene
 Concen: 43.08 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.7	40.2	60.4
164	33.0	25.7	38.5

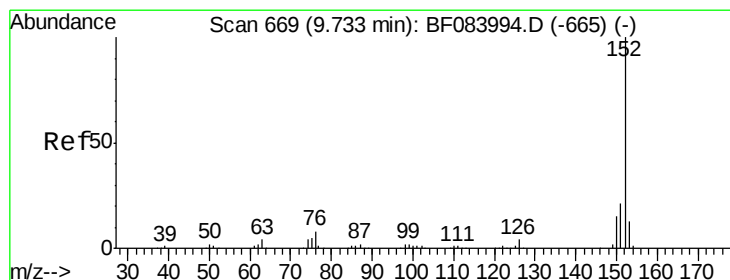
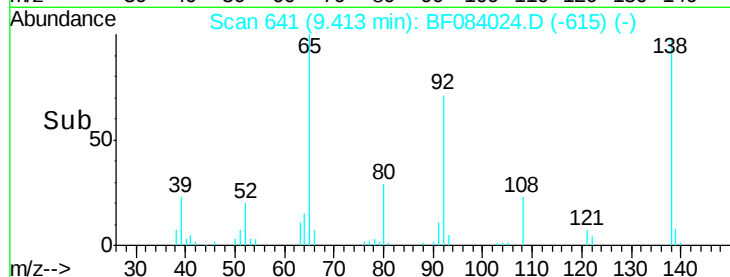
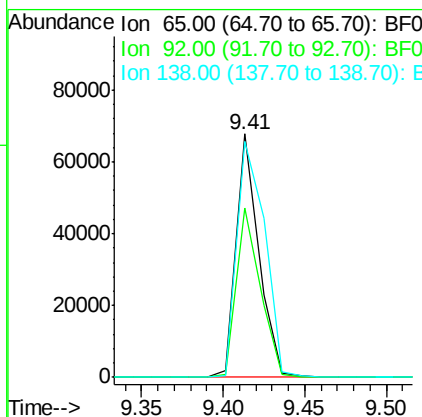
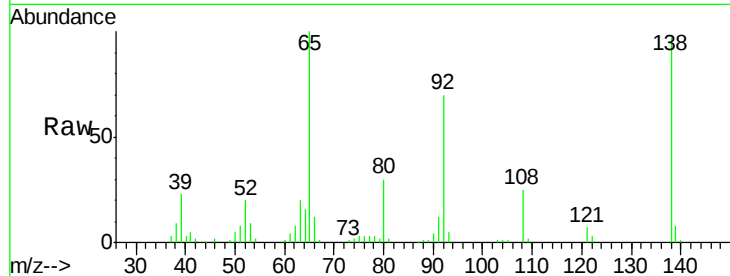




#47
 2-Nitroaniline
 Concen: 40.54 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

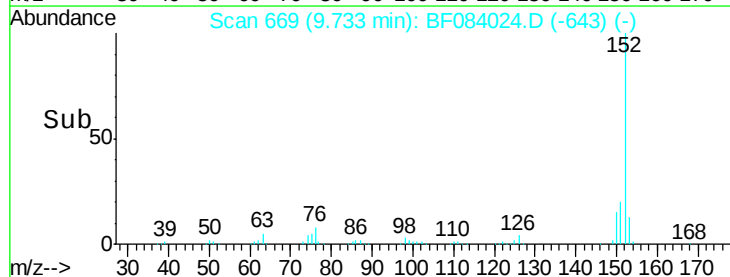
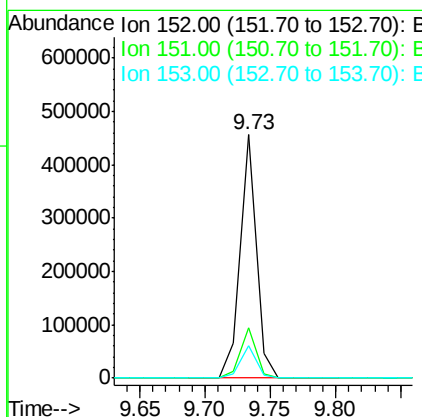
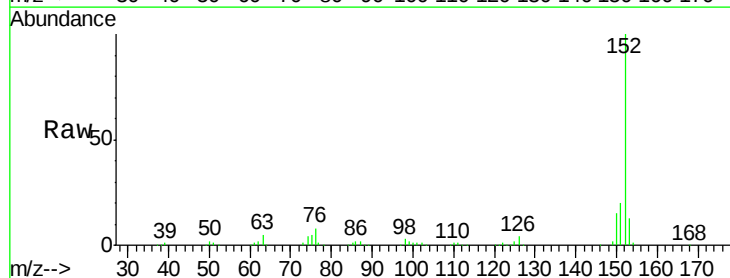
Instrument :
 BNA_F
 ClientSampleId :

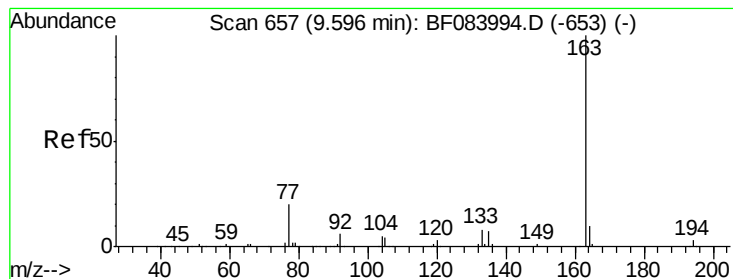
Tot Ion: 65 Resp: 64424
 Ion Ratio Lower Upper
 65 100
 92 69.8 53.4 80.2
 138 96.9 71.1 106.7



#48
 Acenaphthylene
 Concen: 42.60 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

Tgt Ion: 152 Resp: 393170
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.3 24.5
 153 13.3 10.4 15.6





#49

Dimethylphthalate

Concen: 39.17 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF084024.D

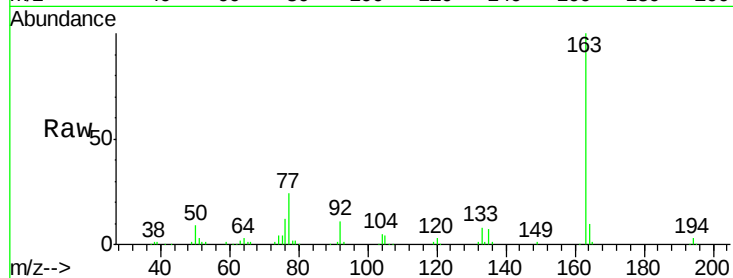
Acq: 23 Dec 2015 7:59

Instrument :

BNA_F

ClientSampleId :

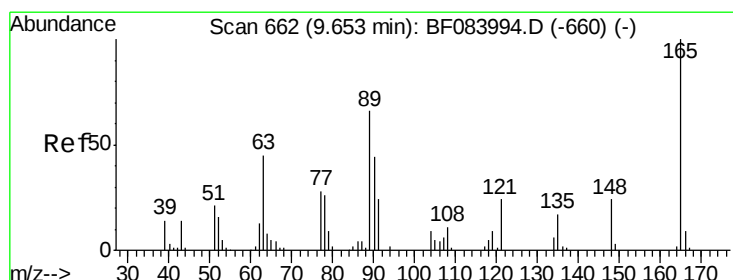
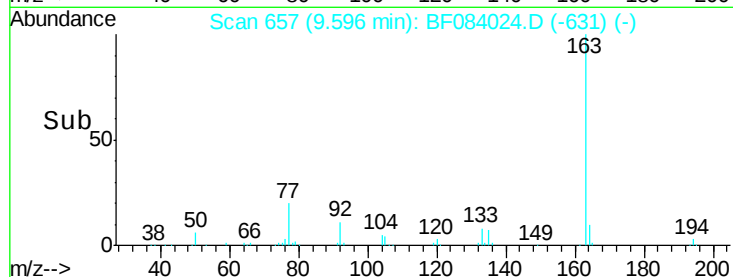
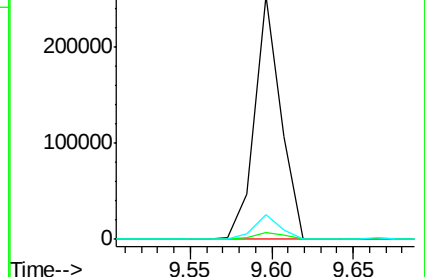
Tot Ion:163	Resp:	280717
Ion Ratio	Lower	Upper
163	100	
194	3.0	8.0 12.0#
164	10.1	8.0 12.0



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: 43.11 ng

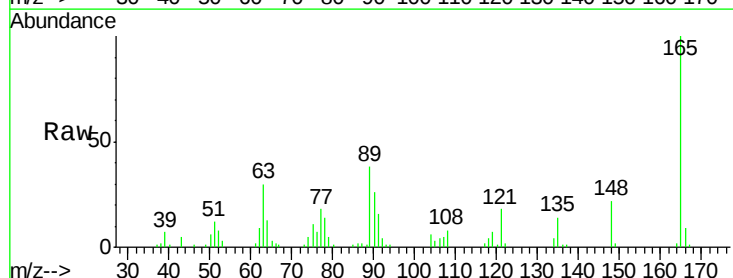
RT: 9.66 min Scan# 663

Delta R.T. 0.01 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

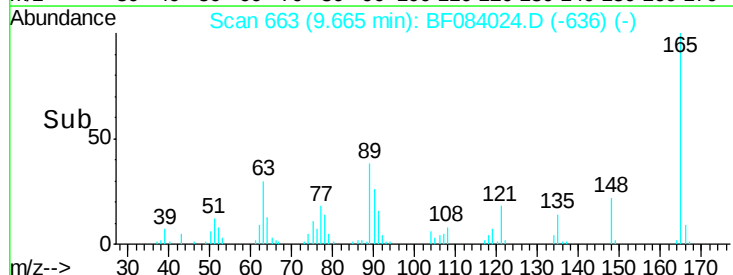
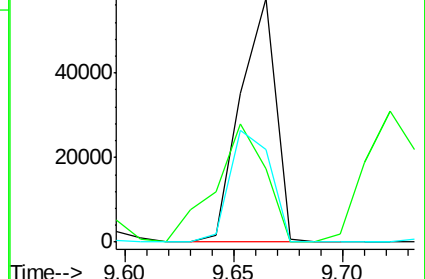
Tgt Ion:165	Resp:	65205
Ion Ratio	Lower	Upper
165	100	
63	30.4	28.8 43.2
89	38.0	35.1 52.7

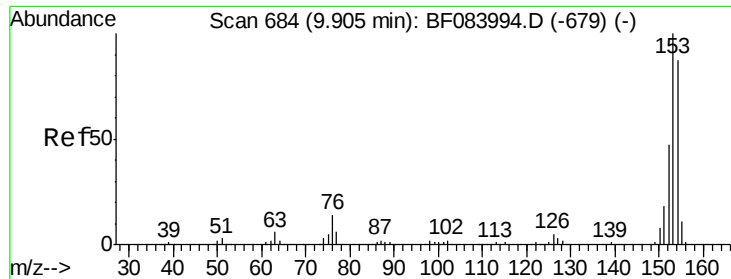


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.34 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

Instrument :

BNA_F

ClientSampleId :

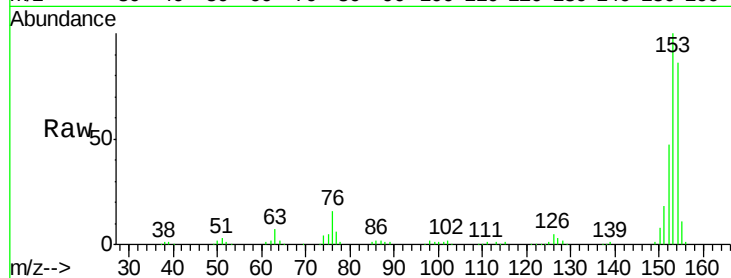
Tot Ion:154 Resp: 243320

Ion Ratio Lower Upper

154 100

153 116.2 91.5 137.3

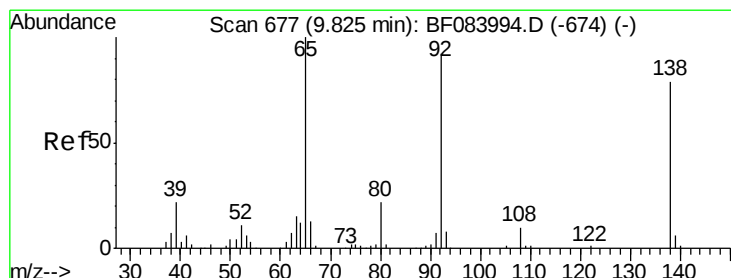
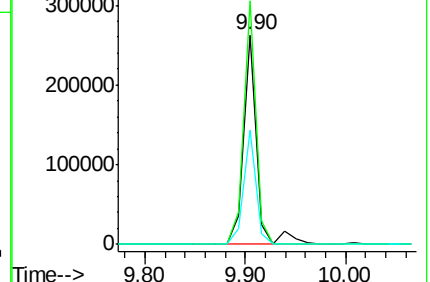
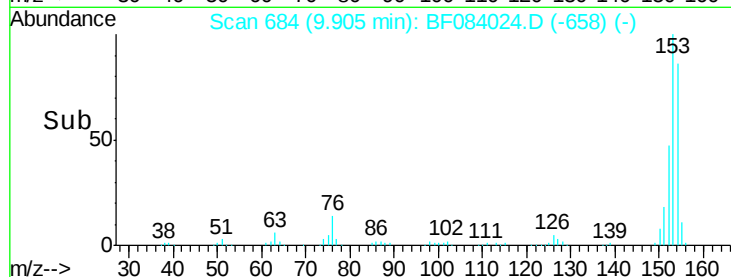
152 54.4 43.0 64.6



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: 42.50 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

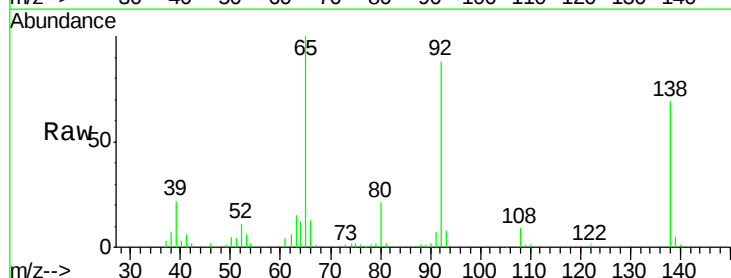
Tgt Ion:138 Resp: 68272

Ion Ratio Lower Upper

138 100

108 12.9 10.5 15.7

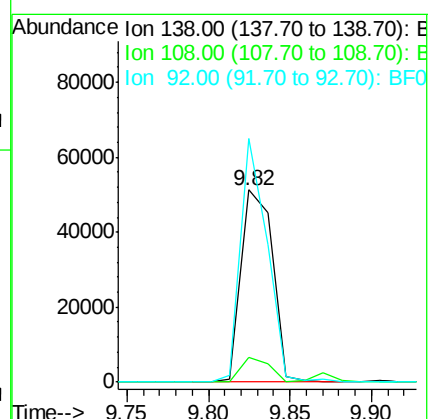
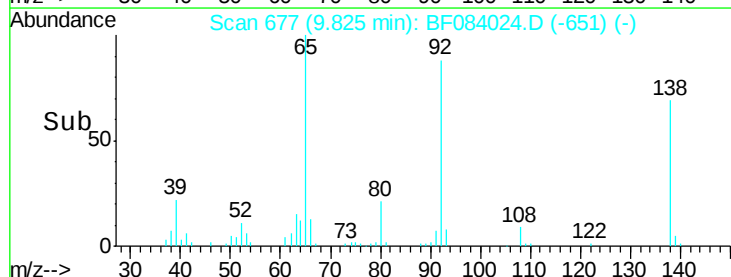
92 126.7 103.9 155.9

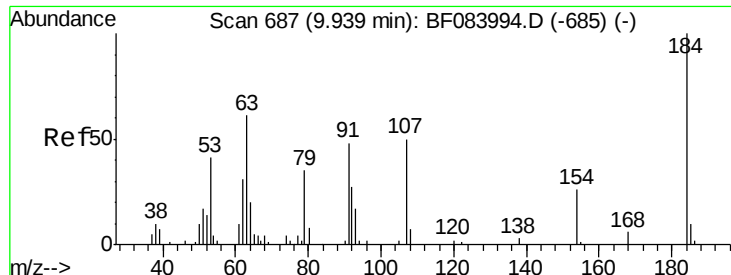


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

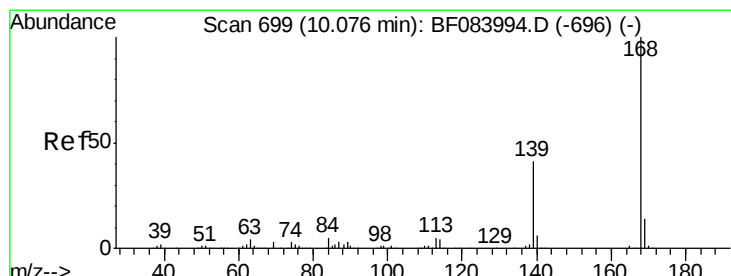
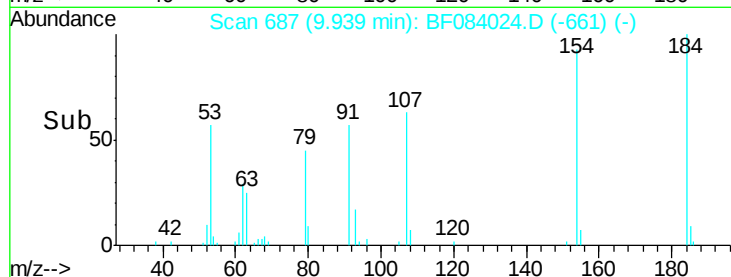
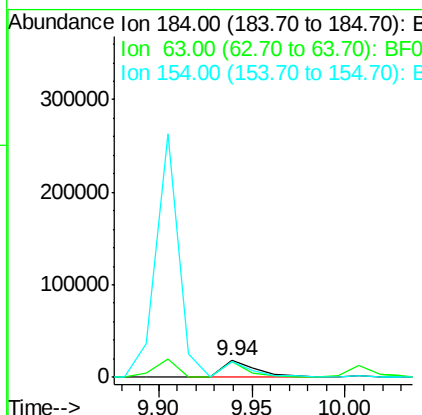
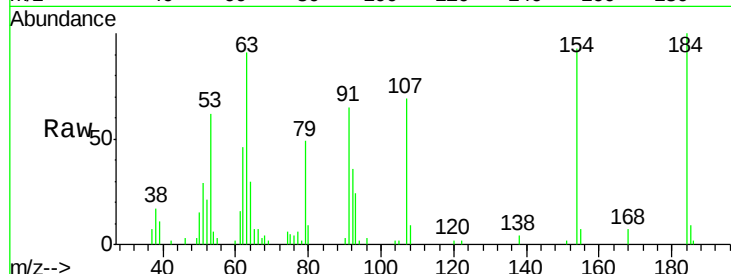




#53
 2,4-Dinitrophenol
 Concen: 41.42 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

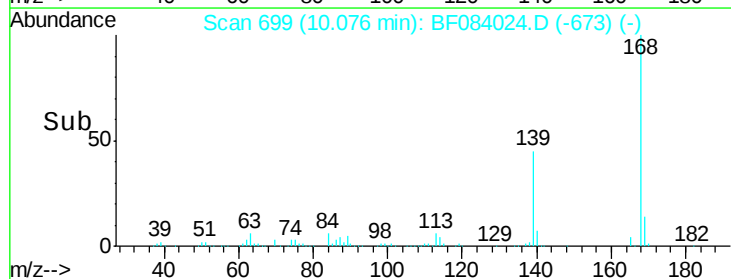
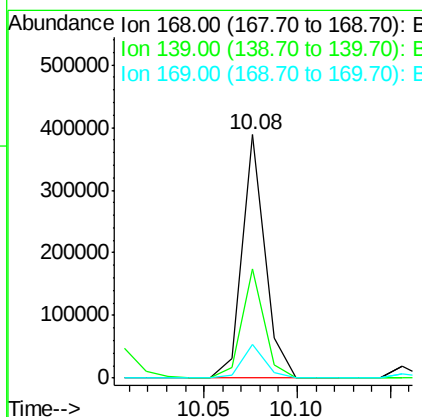
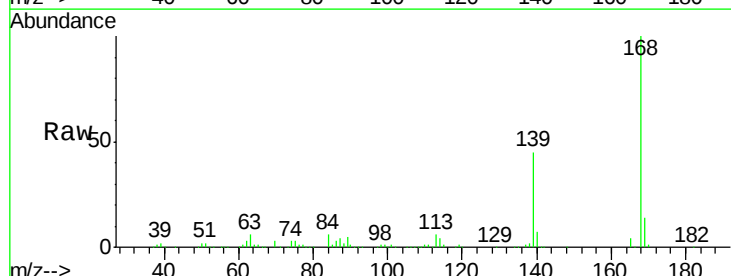
Instrument :
 BNA_F
 ClientSampled :

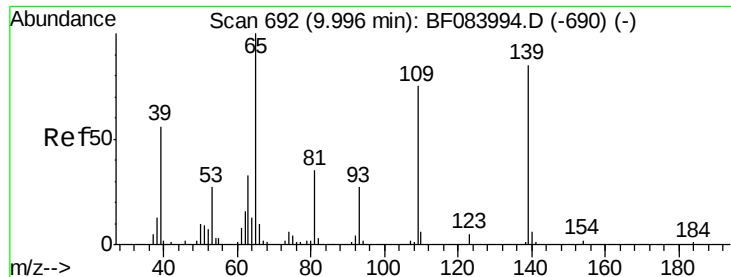
Tot Ion:184 Resp: 24033
 Ion Ratio Lower Upper
 184 100
 63 90.6 43.1 64.7#
 154 92.9 60.5 90.7#



#54
 Dibenzofuran
 Concen: 40.53 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

Tgt Ion:168 Resp: 332969
 Ion Ratio Lower Upper
 168 100
 139 44.7 30.5 45.7
 169 13.8 10.4 15.6

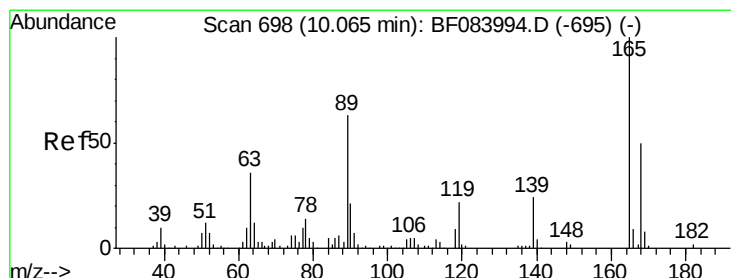
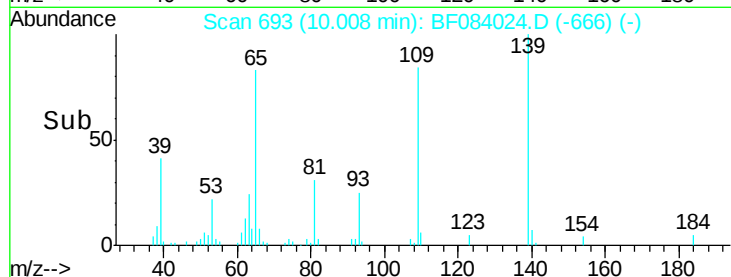
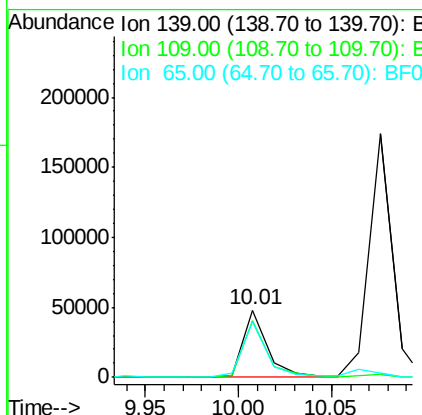
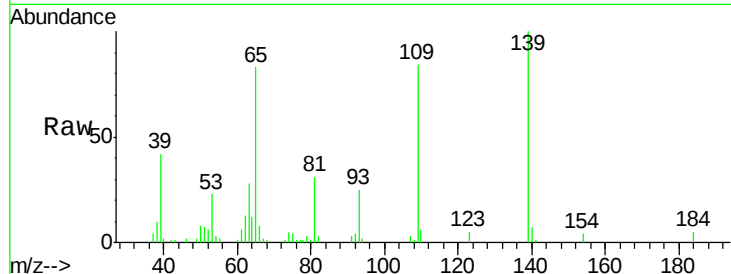




#55
4-Nitrophenol
Concen: 47.06 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF084024.D
Acq: 23 Dec 2015 7:59

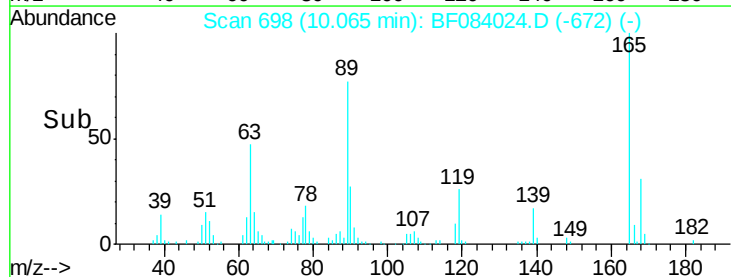
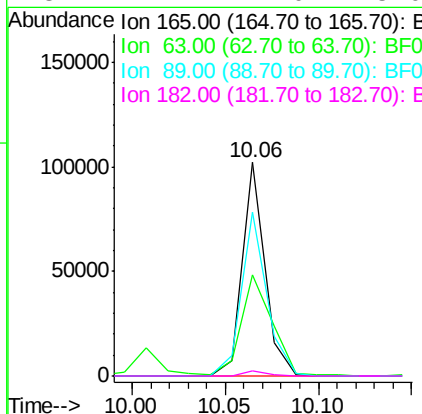
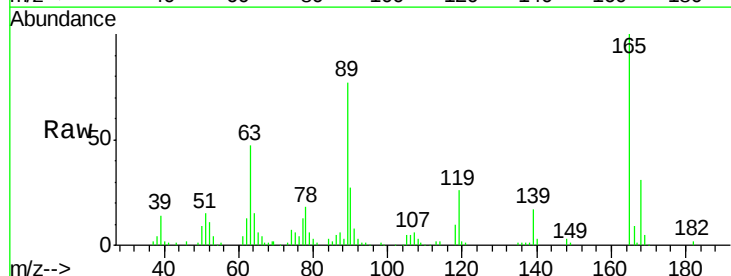
Instrument :
BNA_F
ClientSampleId :

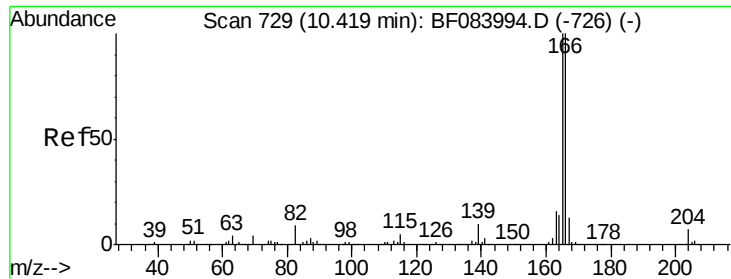
Tot Ion:139 Resp: 44429
Ion Ratio Lower Upper
139 100
109 83.9 58.5 98.5
65 82.9 57.6 97.6



#56
2,4-Dinitrotoluene
Concen: 45.49 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF084024.D
Acq: 23 Dec 2015 7:59

Tgt Ion:165 Resp: 86499
Ion Ratio Lower Upper
165 100
63 47.5 36.7 55.1
89 76.6 61.9 92.9
182 2.2 2.0 3.0

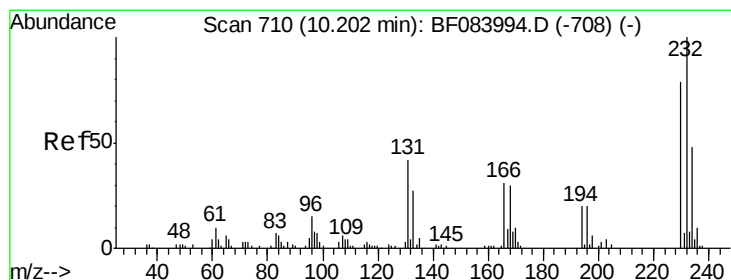
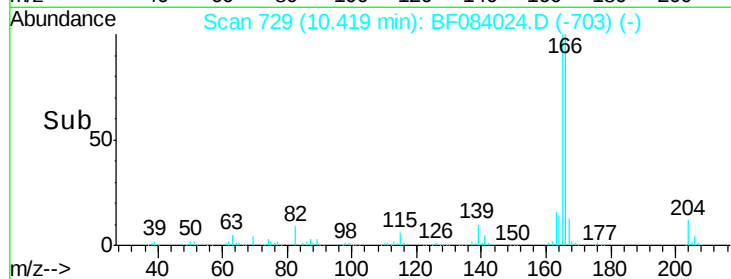
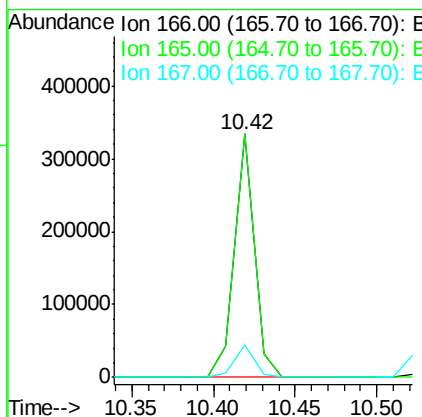
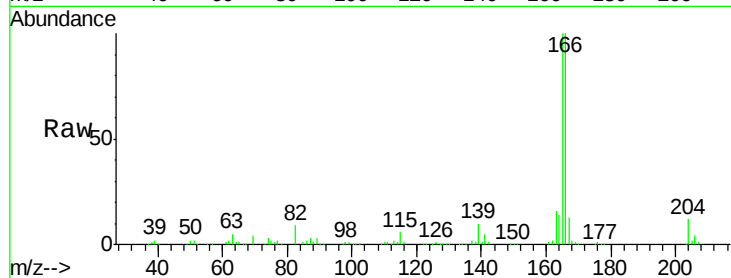




#57
 Fluorene
 Concen: 43.21 ng
 RT: 10.42 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

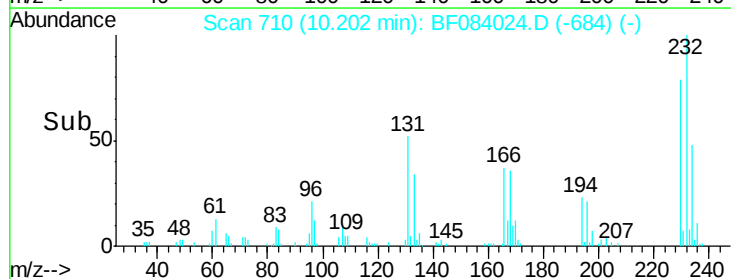
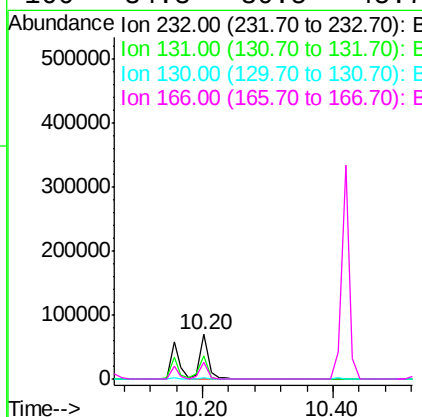
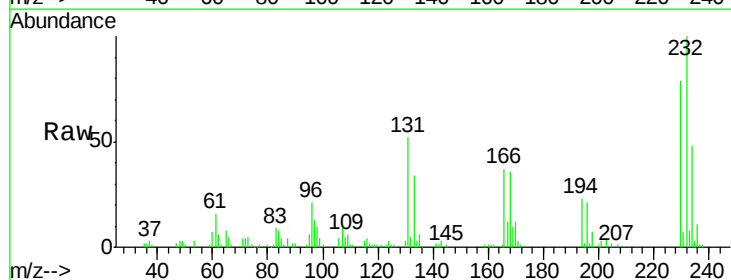
Instrument :
 BNA_F
 ClientSampleId :

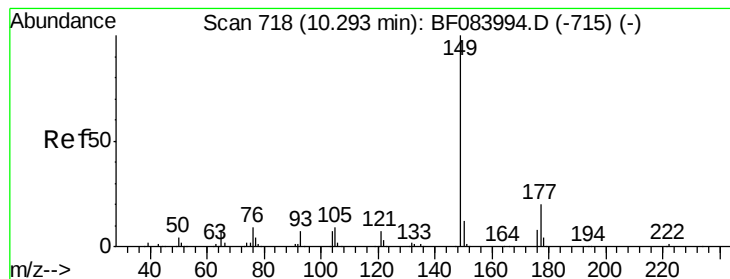
Tot Ion:166 Resp: 281221
 Ion Ratio Lower Upper
 166 100
 165 100.1 79.1 118.7
 167 13.4 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.57 ng
 RT: 10.20 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

Tgt Ion:232 Resp: 66084
 Ion Ratio Lower Upper
 232 100
 131 51.5 47.0 70.6
 130 2.6 2.0 3.0
 166 34.3 30.5 45.7





#59

Diethylphthalate

Concen: 41.11 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

Instrument :

BNA_F

ClientSampleId :

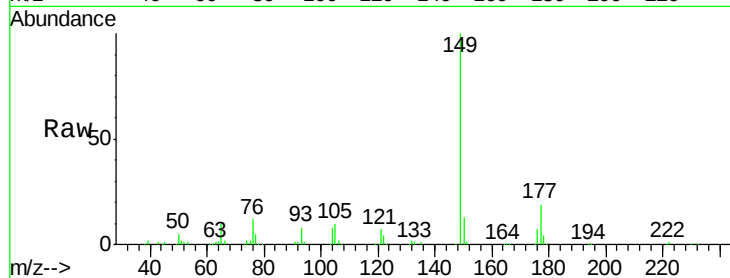
Tot Ion:149 Resp: 289532

Ion Ratio Lower Upper

149 100

177 18.8 17.3 25.9

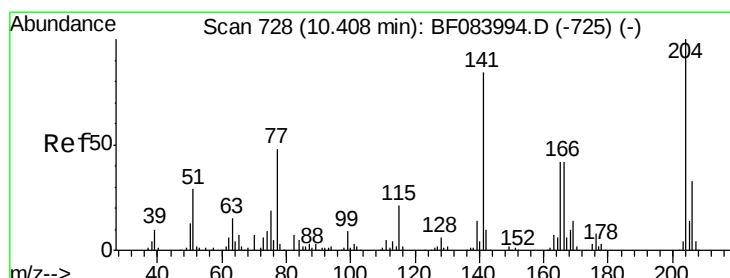
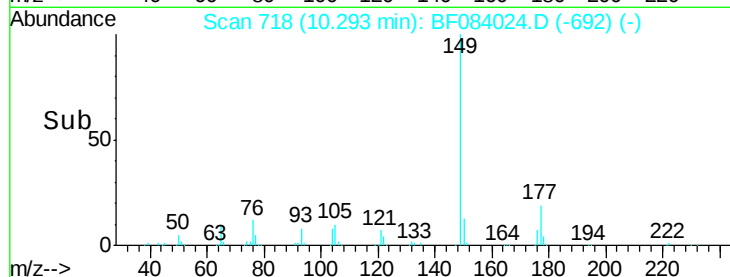
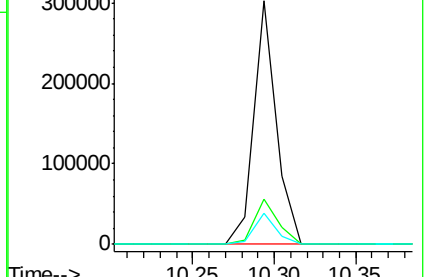
150 12.7 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.34 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

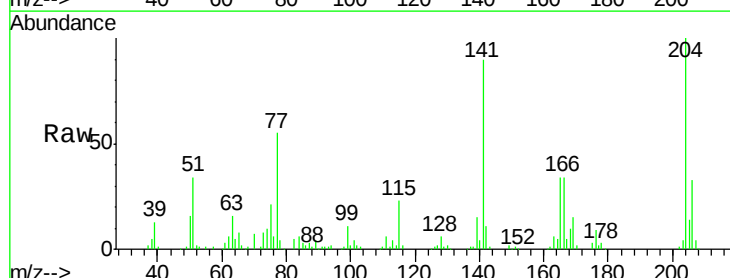
Tgt Ion:204 Resp: 114360

Ion Ratio Lower Upper

204 100

206 33.5 25.7 38.5

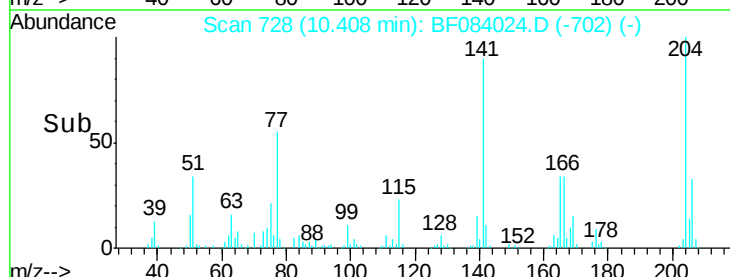
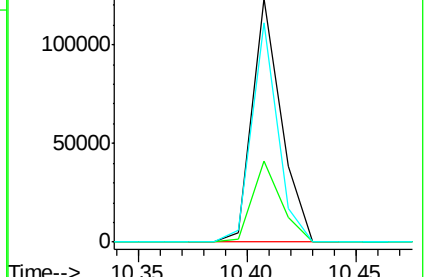
141 90.0 55.1 82.7#

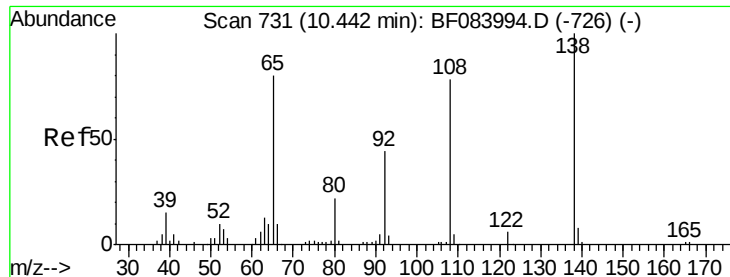


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

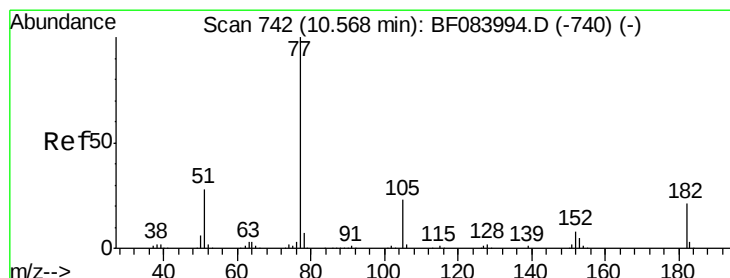
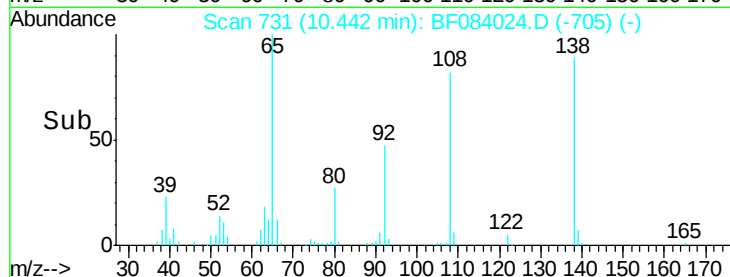
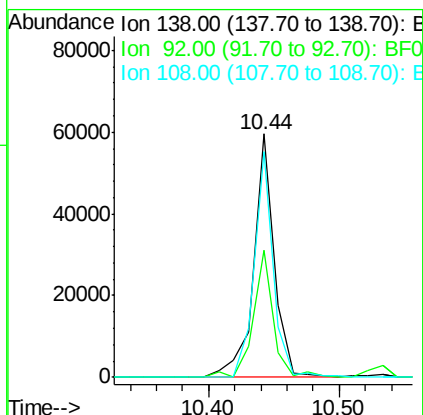
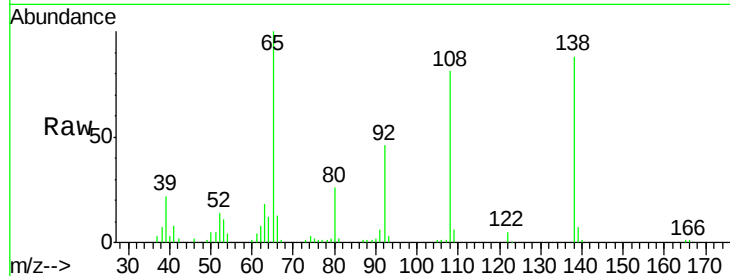




#61
4-Nitroaniline
Concen: 40.13 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF084024.D
Acq: 23 Dec 2015 7:59

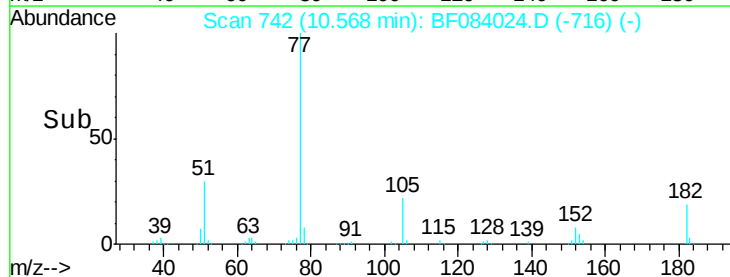
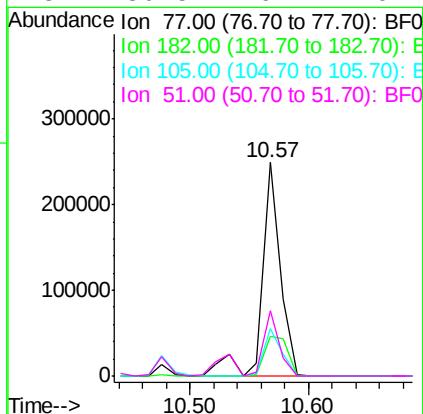
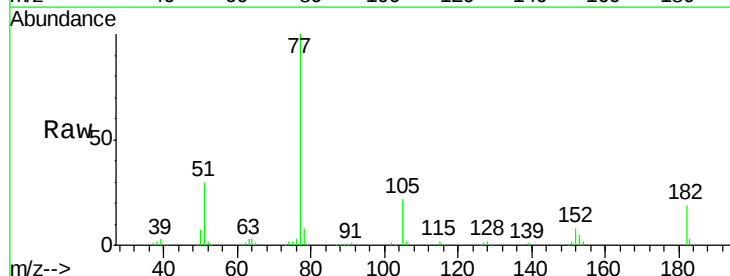
Instrument :
BNA_F
ClientSampleId :

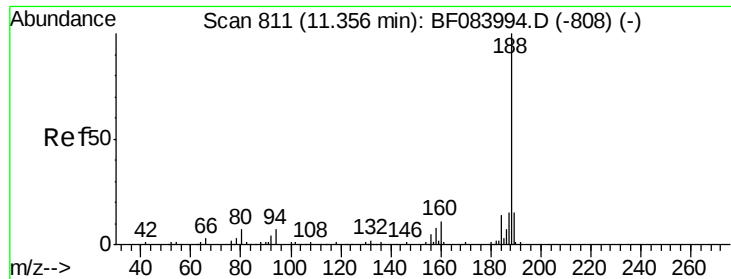
Tot Ion:138 Resp: 65962
Ion Ratio Lower Upper
138 100
92 52.5 32.6 72.6
108 92.7 68.6 108.6



#62
Azobenzene
Concen: 43.45 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF084024.D
Acq: 23 Dec 2015 7:59

Tgt Ion: 77 Resp: 270205
Ion Ratio Lower Upper
77 100
182 18.8 8.3 48.3
105 22.2 4.6 44.6
51 30.5 6.2 46.2

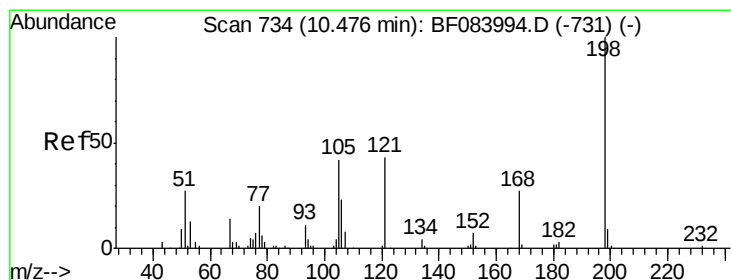
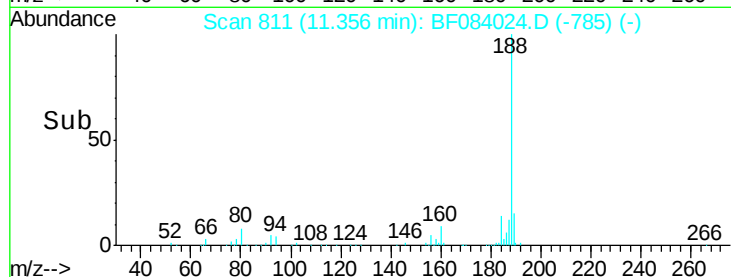
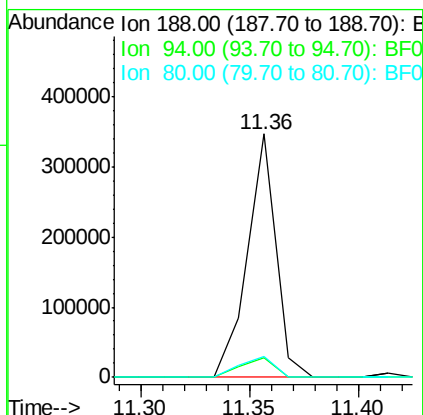
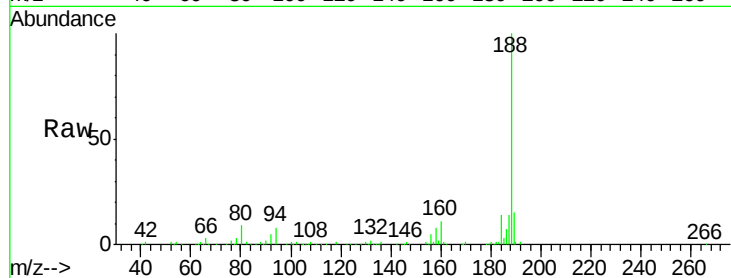




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084024.D
Acq: 23 Dec 2015 7:59

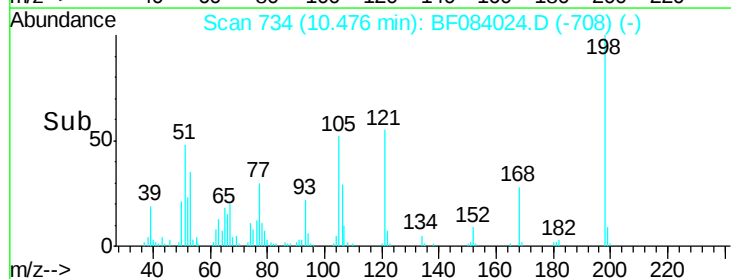
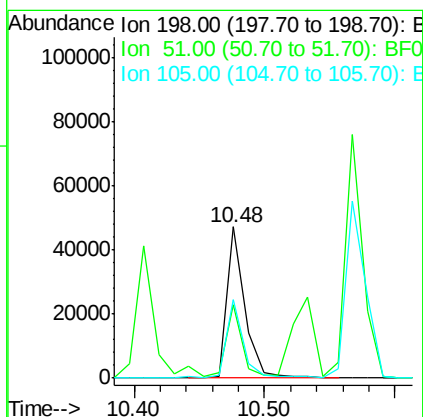
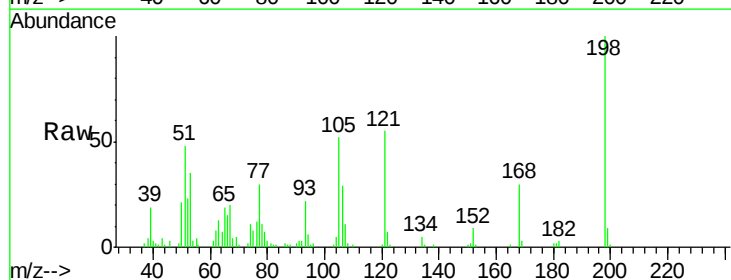
Instrument :
BNA_F
ClientSampleId :

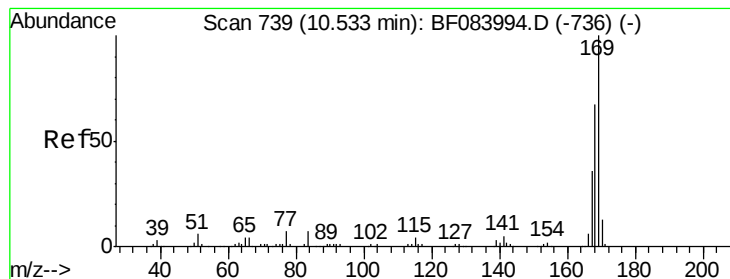
Tot Ion:188 Resp: 315850
Ion Ratio Lower Upper
188 100
94 8.2 9.0 13.4#
80 8.6 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 24.20 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF084024.D
Acq: 23 Dec 2015 7:59

Tgt Ion:198 Resp: 44690
Ion Ratio Lower Upper
198 100
51 48.4 18.9 58.9
105 51.9 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 22.64 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

Instrument :

BNA_F

ClientSampleId :

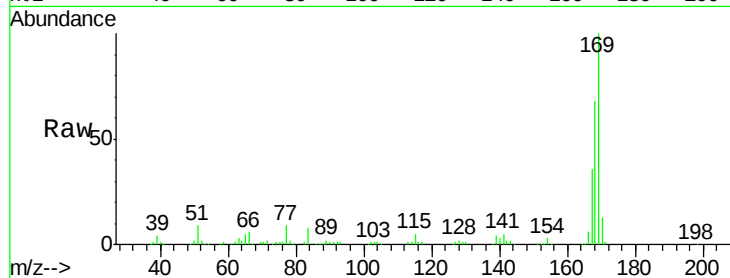
Tot Ion:169 Resp: 264064

Ion Ratio Lower Upper

169 100

168 67.6 55.1 82.7

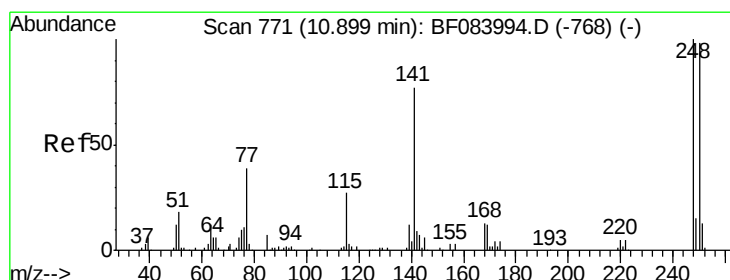
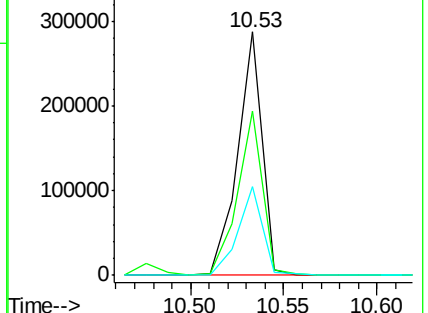
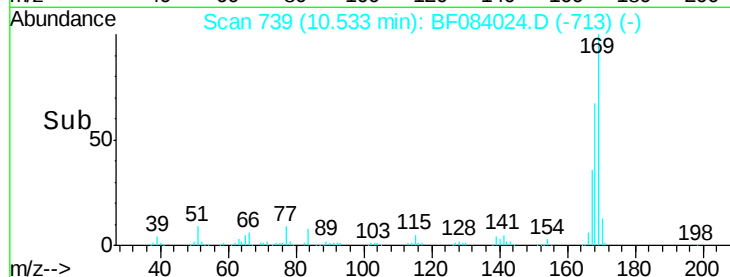
167 36.3 30.0 45.0



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: 38.56 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

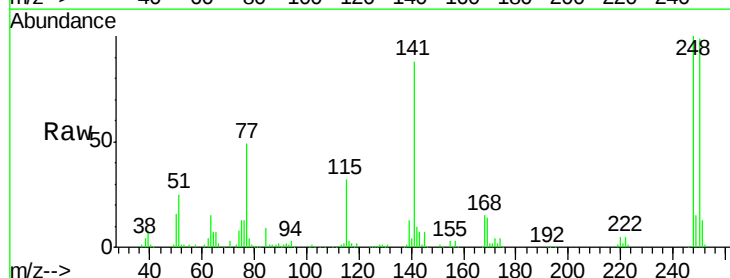
Tgt Ion:248 Resp: 139667

Ion Ratio Lower Upper

248 100

250 99.3 78.4 117.6

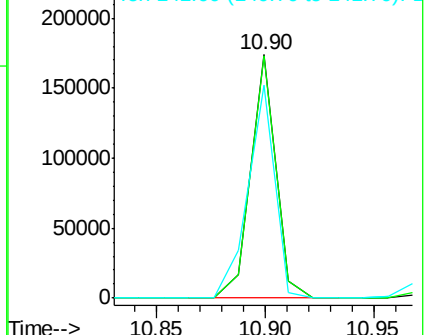
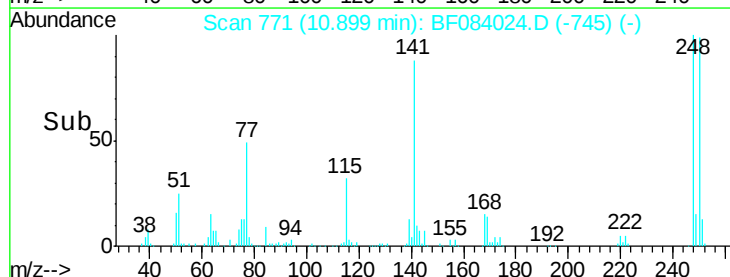
141 87.6 44.0 66.0#

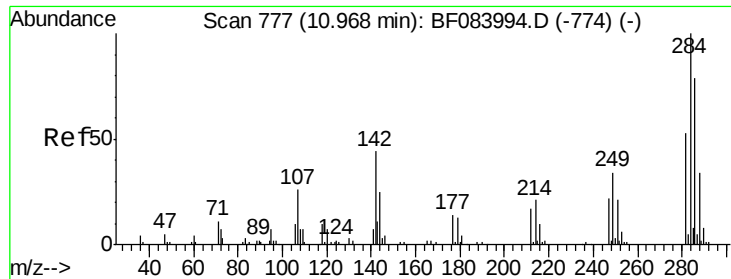


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

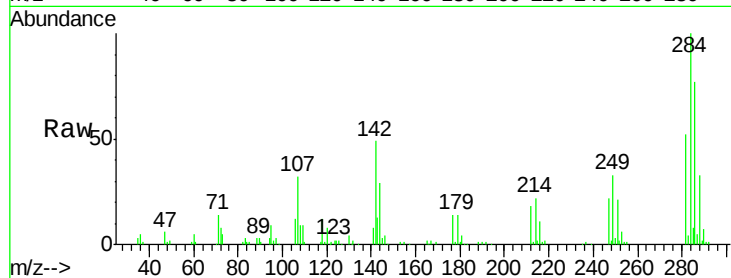




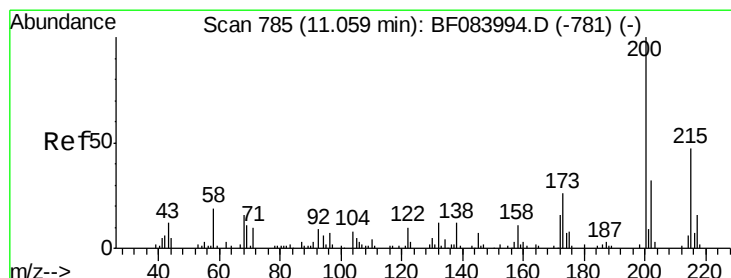
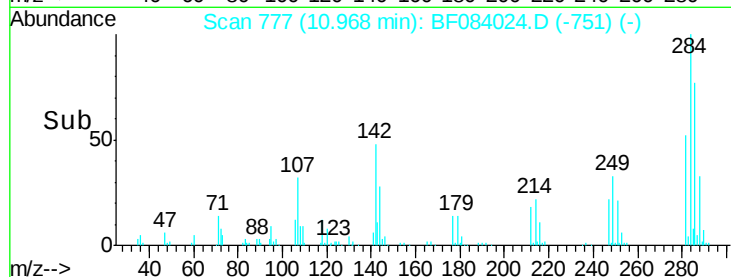
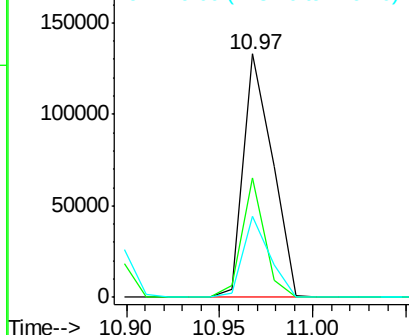
#67
Hexachlorobenzene
Concen: 36.42 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF084024.D
Acq: 23 Dec 2015 7:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	48.8	22.2	33.4
249	33.3	24.6	37.0

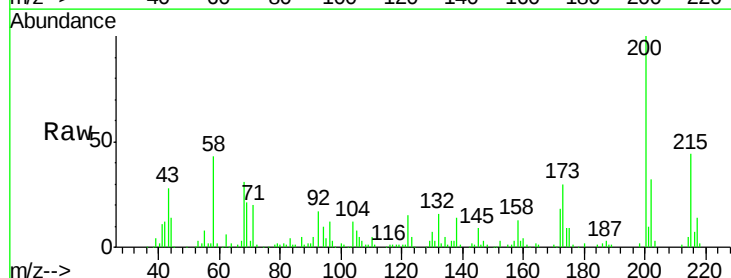


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

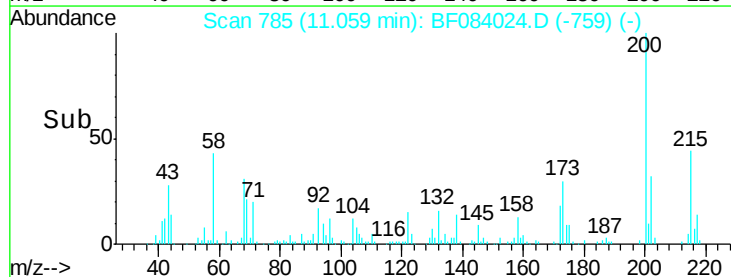
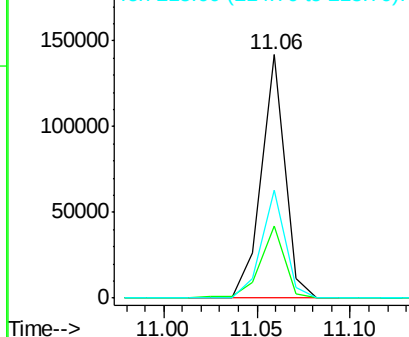


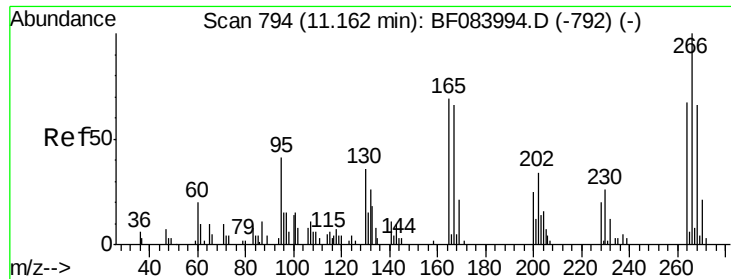
#68
Atrazine
Concen: 35.02 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF084024.D
Acq: 23 Dec 2015 7:59

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.6	9.5	49.5
215	44.4	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

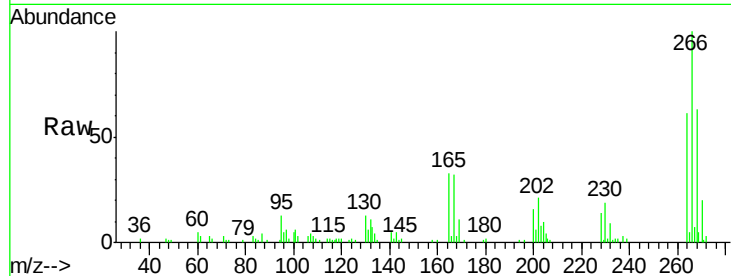




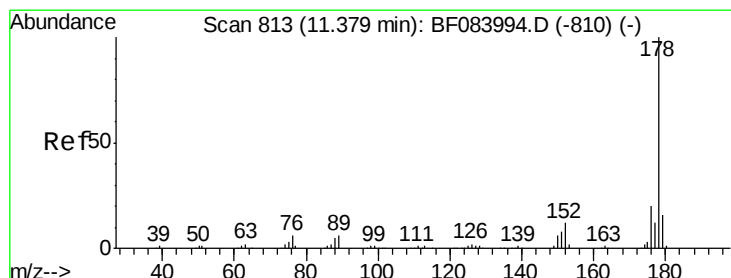
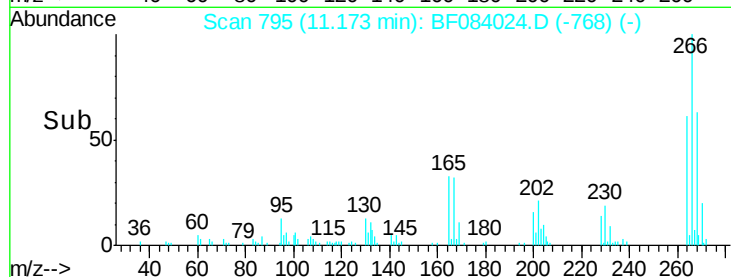
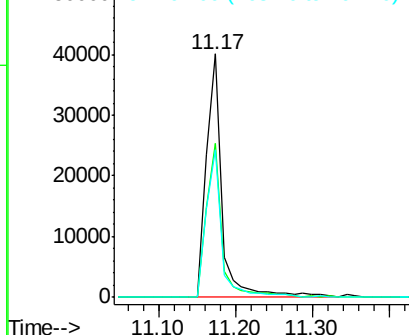
#69
 Pentachlorophenol
 Concen: 42.26 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 55983
 Ion Ratio Lower Upper
 266 100
 268 63.5 52.4 78.6
 264 60.7 50.2 75.2

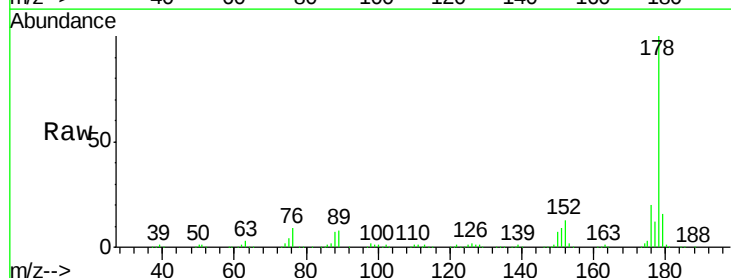


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

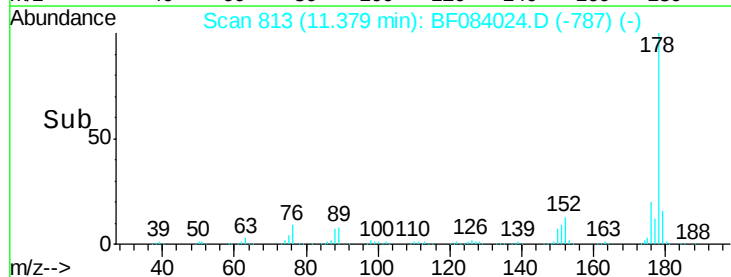
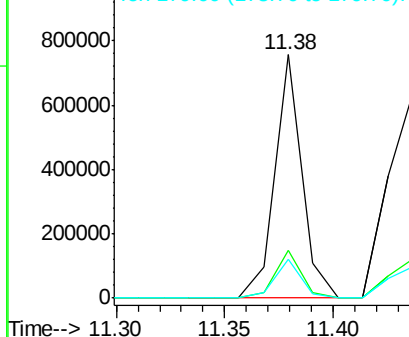


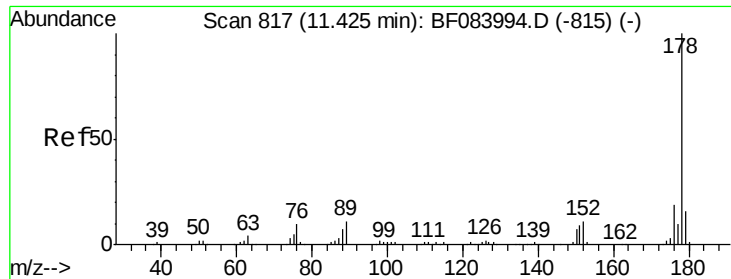
#70
 Phenanthrene
 Concen: 37.01 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

Tgt Ion:178 Resp: 660748
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.3 22.9
 179 15.8 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

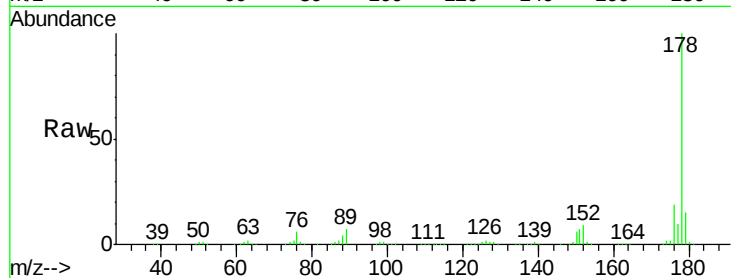




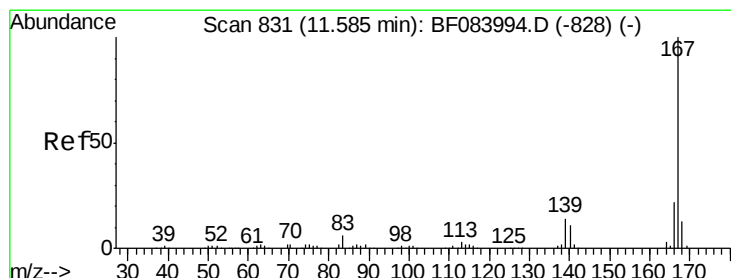
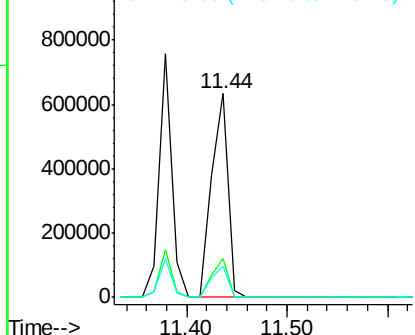
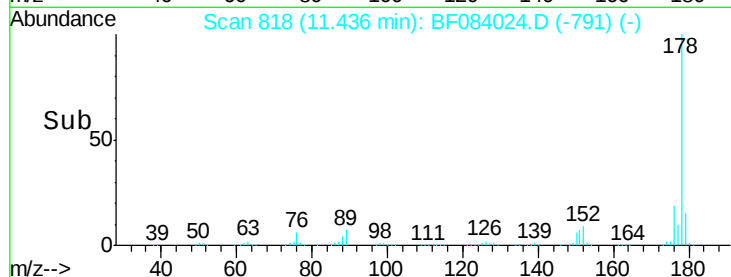
#71
 Anthracene
 Concen: 39.45 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.01 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 715194
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.0
 179 15.2 12.5 18.7

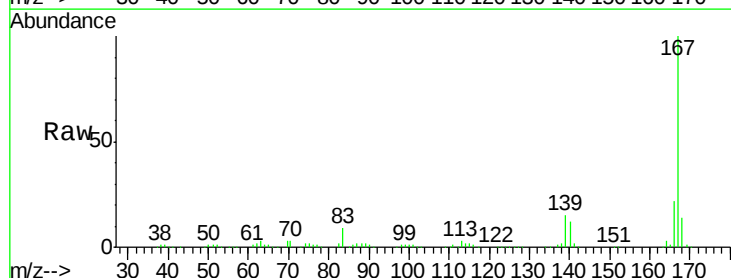


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

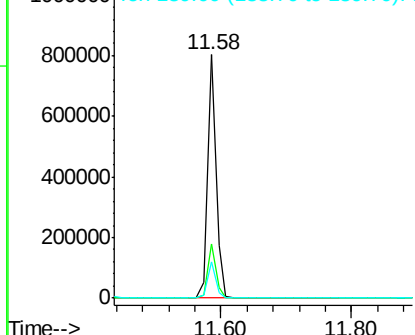
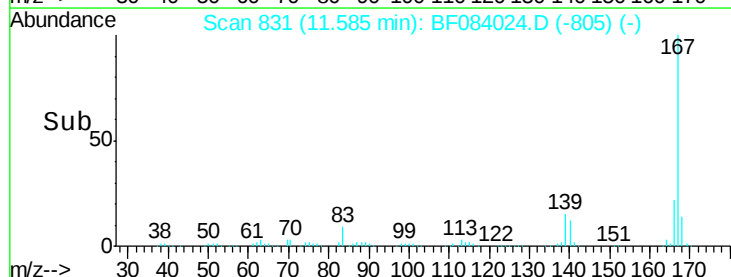


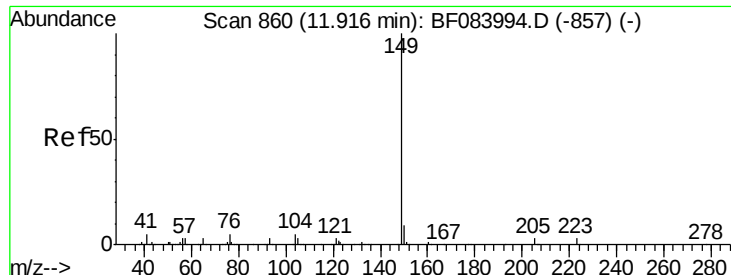
#72
 Carbazole
 Concen: 42.25 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

Tgt Ion:167 Resp: 716144
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 14.7 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.48 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

Instrument :

BNA_F

ClientSampleId :

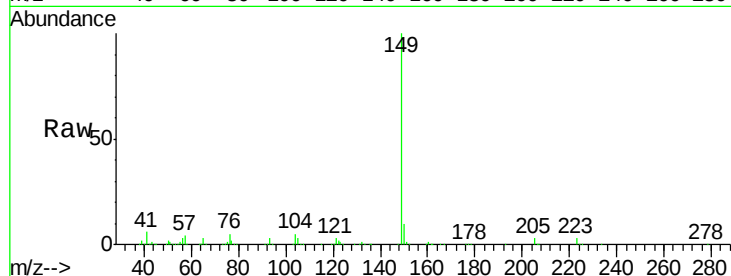
Tot Ion:149 Resp: 788845

Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

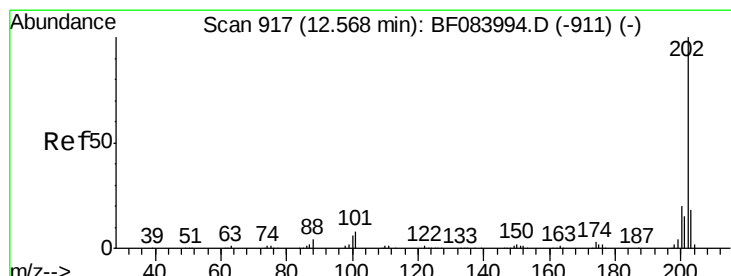
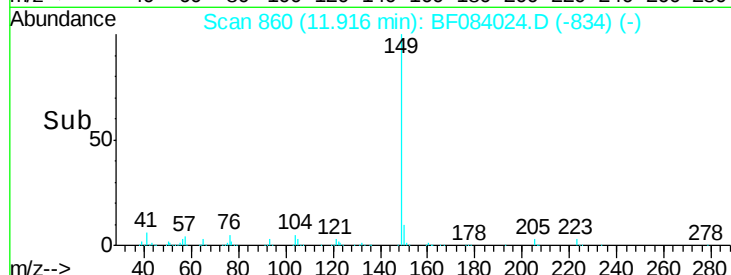
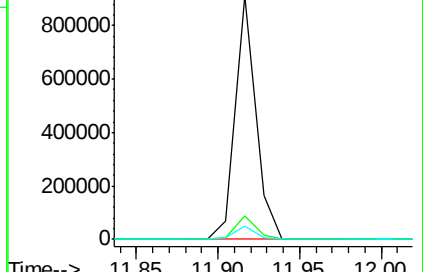
104 5.3 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.62 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

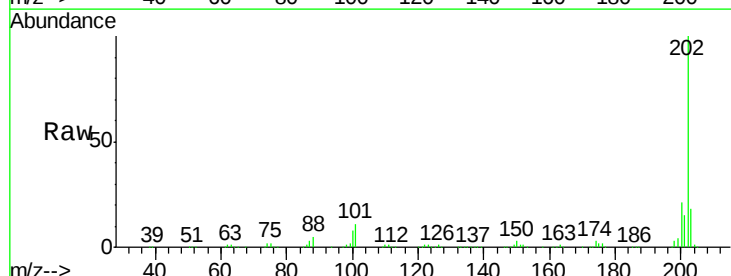
Tgt Ion:202 Resp: 736800

Ion Ratio Lower Upper

202 100

101 10.7 0.0 32.8

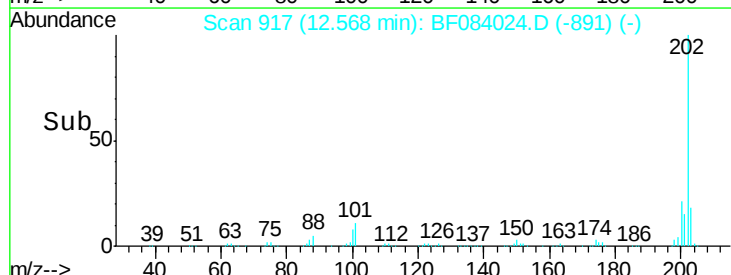
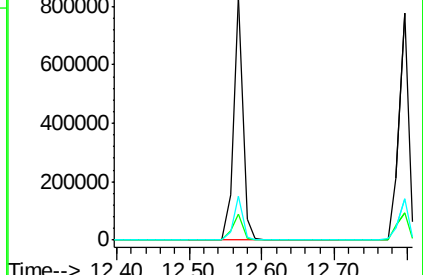
203 17.9 0.0 37.9

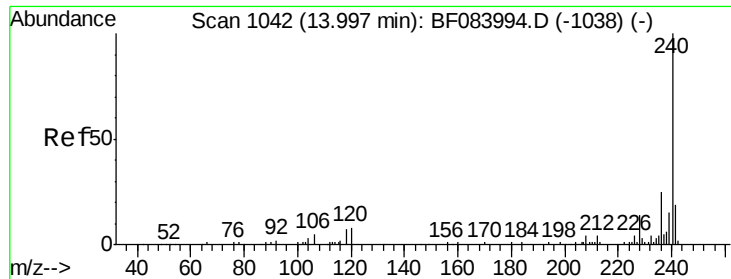


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

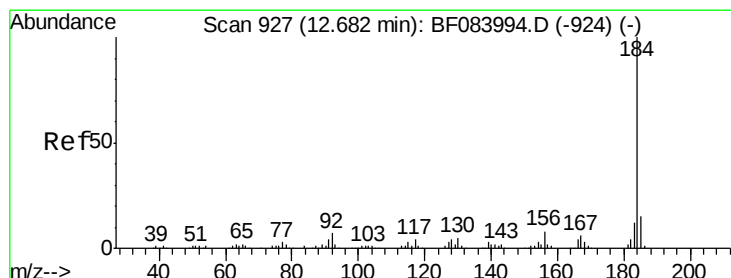
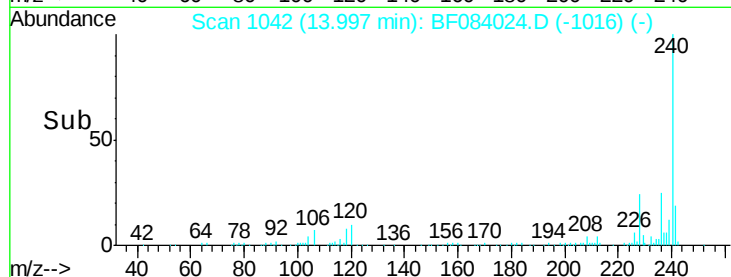
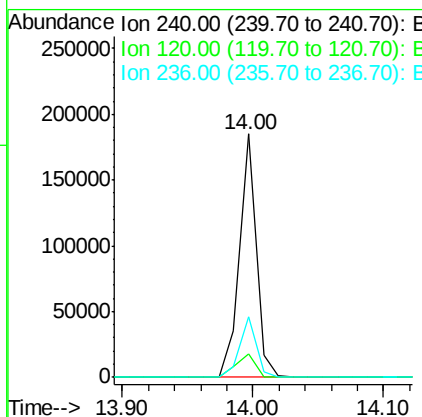
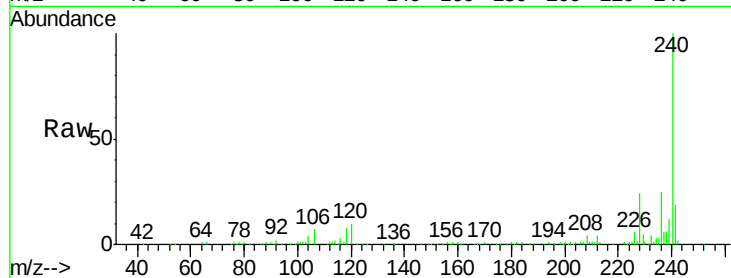




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF084024.D
Acq: 23 Dec 2015 7:59

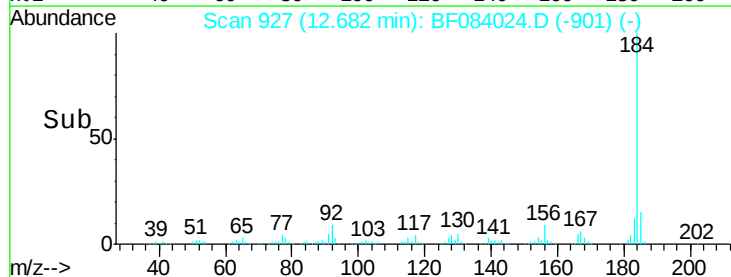
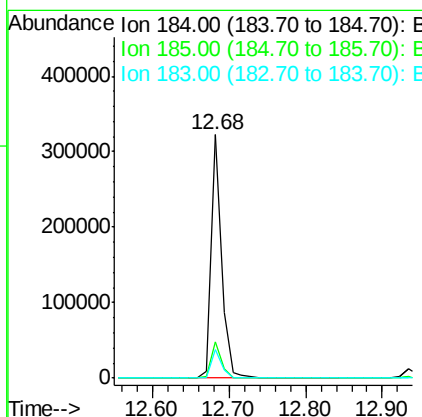
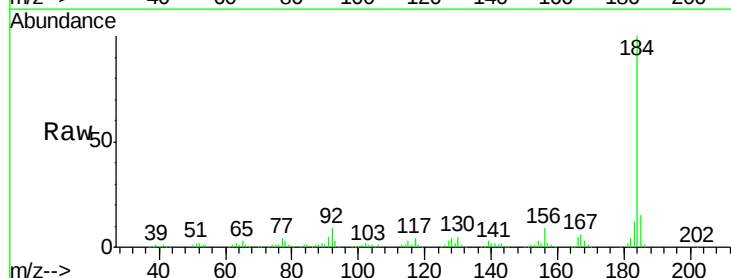
Instrument :
BNA_F
ClientSampleId :

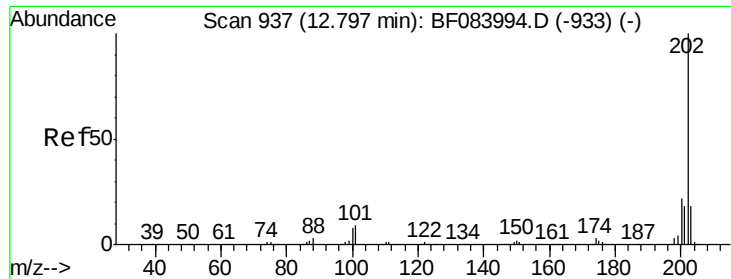
Tot Ion:240 Resp: 164427
Ion Ratio Lower Upper
240 100
120 9.6 9.5 14.3
236 25.1 20.6 31.0



#76
Benzidine
Concen: 51.26 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF084024.D
Acq: 23 Dec 2015 7:59

Tgt Ion:184 Resp: 300577
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.2
183 11.9 9.8 14.8

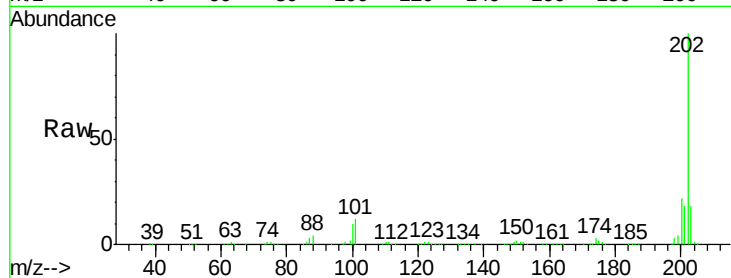




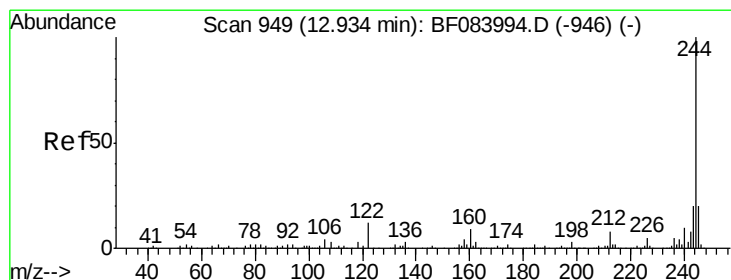
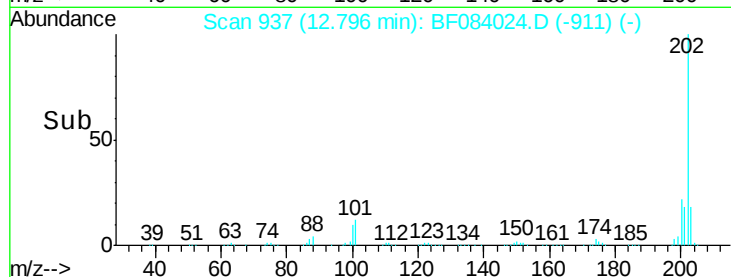
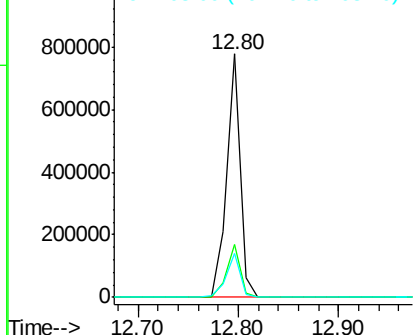
#77
Pvrene
Concen: 65.22 ng
RT: 12.80 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF084024.D
Acq: 23 Dec 2015 7:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.2	25.8
203	18.0	14.3	21.5

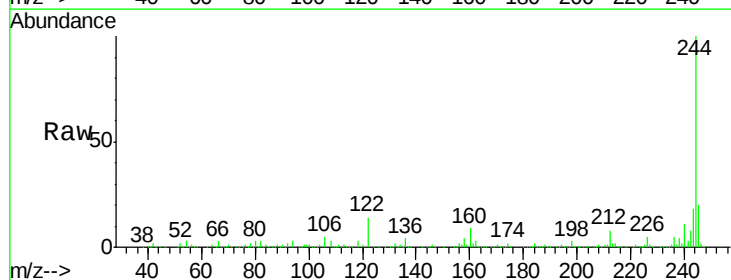


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

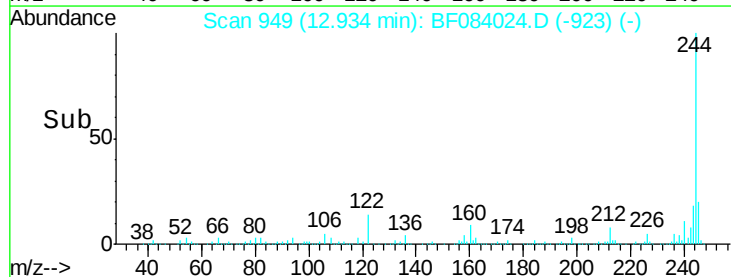
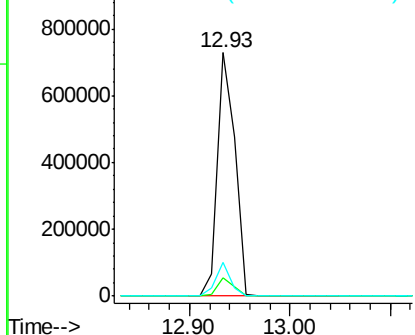


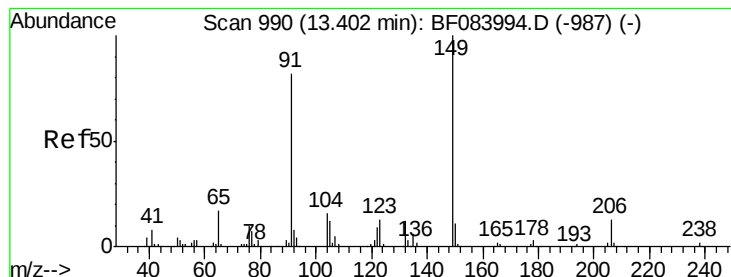
#78
Terphenyl-d14
Concen: 127.60 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF084024.D
Acq: 23 Dec 2015 7:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	14.0	7.4	11.0



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





#79

Butylbenzylphthalate

Concen: 44.18 ng

RT: 13.41 min Scan# 991

Delta R.T. 0.01 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

Instrument :

BNA_F

ClientSampleId :

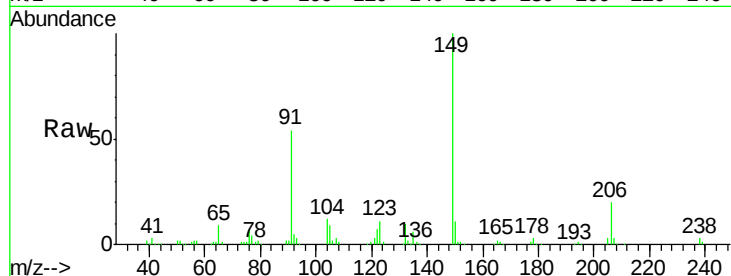
Tot Ion:149 Resp: 226698

Ion Ratio Lower Upper

149 100

91 54.5 57.6 86.4#

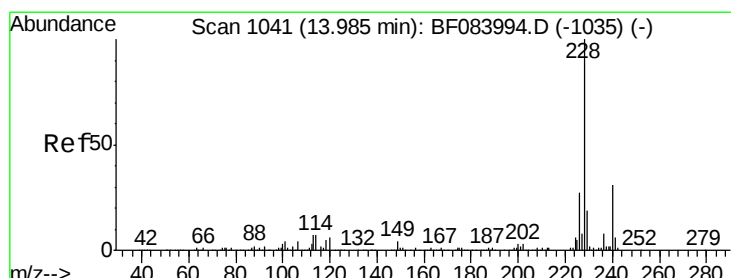
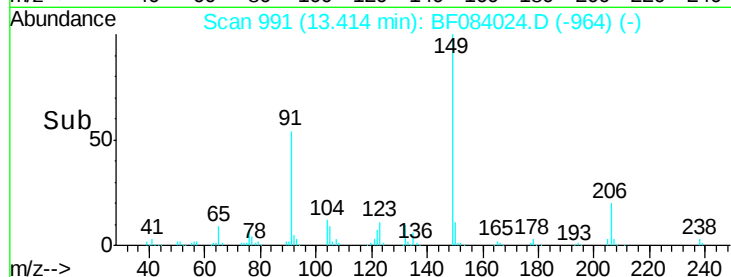
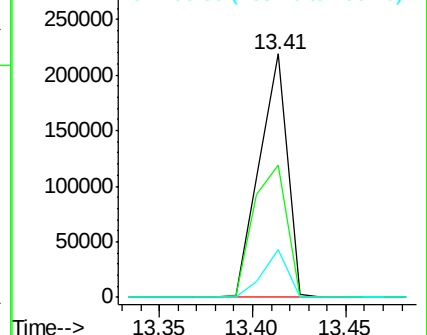
206 19.8 13.2 19.8



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: 40.88 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

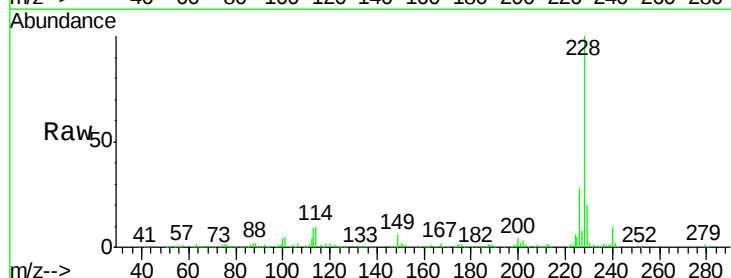
Tgt Ion:228 Resp: 387591

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.6

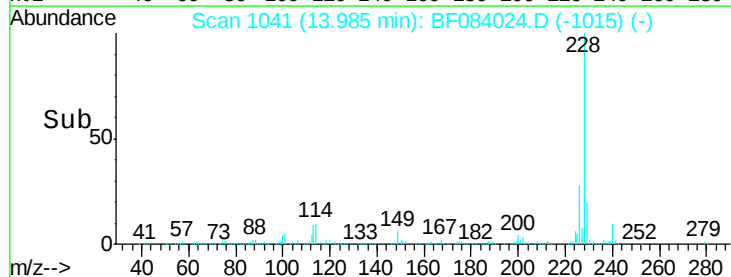
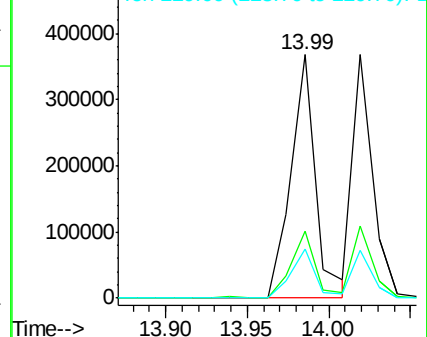
229 19.9 15.8 23.8

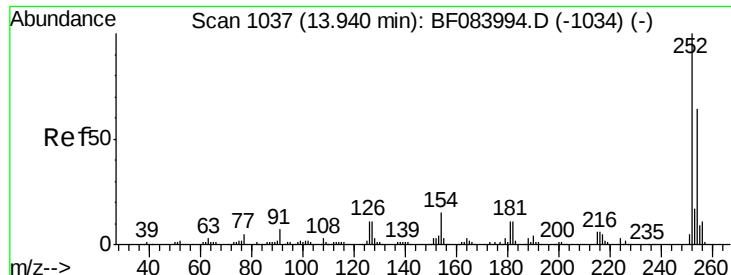


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

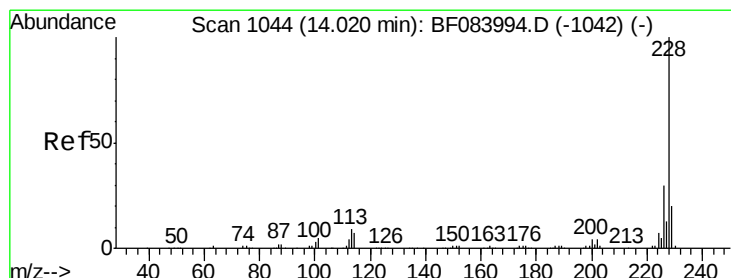
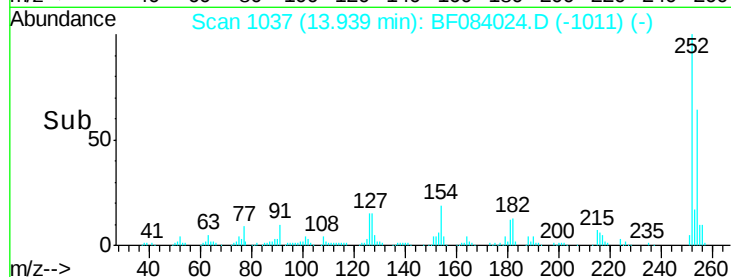
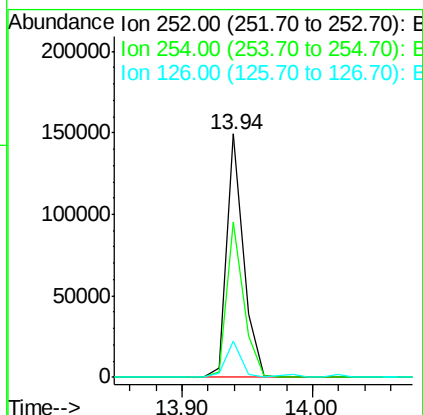
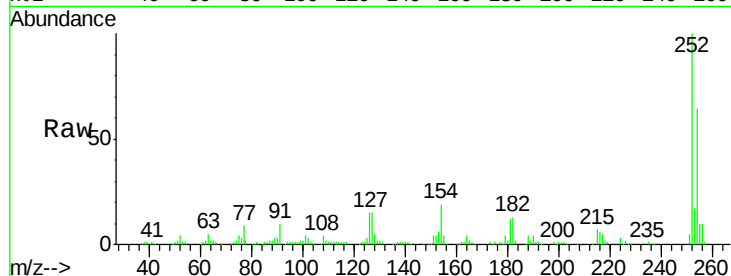




#81
 3,3'-Dichlorobenzidine
 Concen: 37.94 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

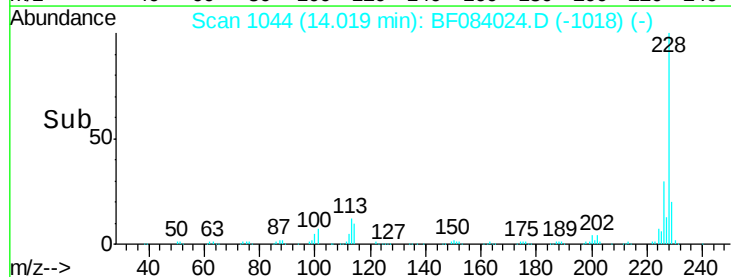
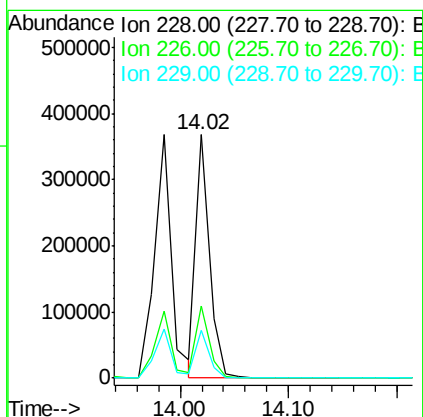
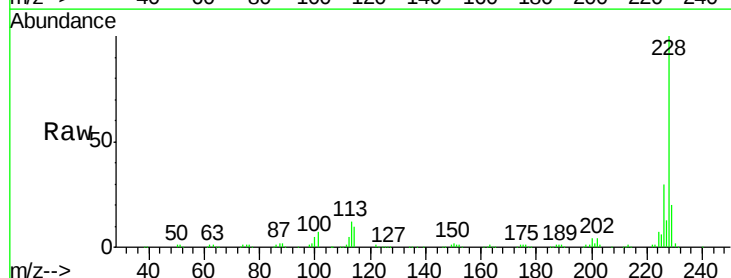
Instrument :
 BNA_F
 ClientSampleId :

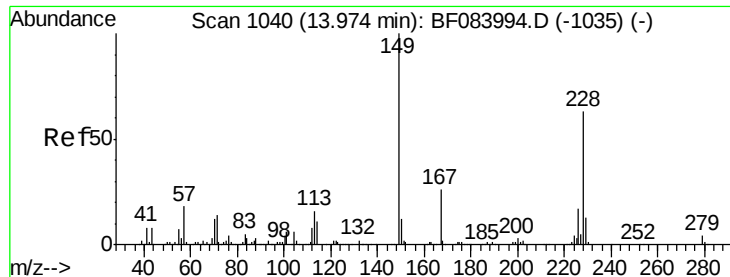
Tot Ion:252 Resp: 135277
 Ion Ratio Lower Upper
 252 100
 254 63.6 53.5 80.3
 126 14.8 4.9 7.3#



#82
 Chrysene
 Concen: 36.55 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

Tgt Ion:228 Resp: 321715
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.3 36.5
 229 19.8 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.72 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

Instrument :

BNA_F

ClientSampleId :

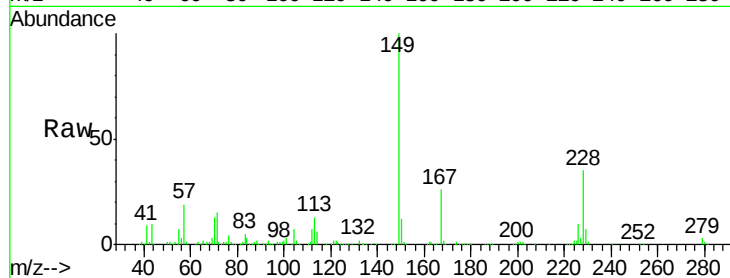
Tot Ion:149 Resp: 318230

Ion Ratio Lower Upper

149 100

167 26.4 19.7 29.5

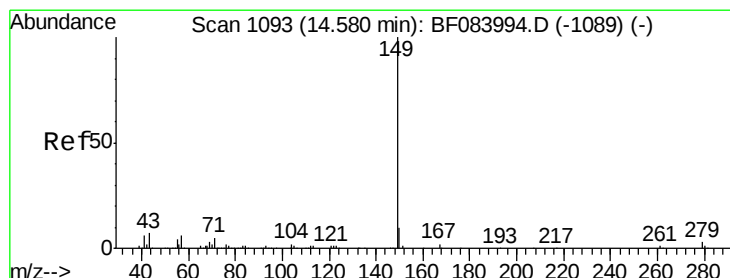
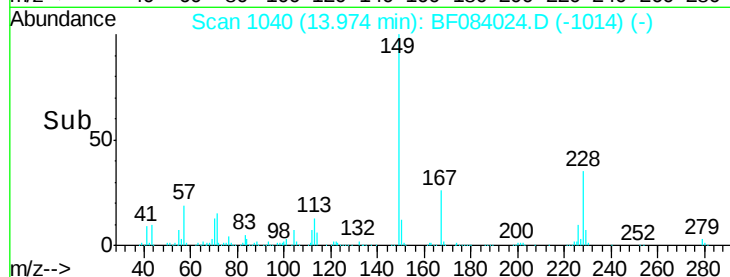
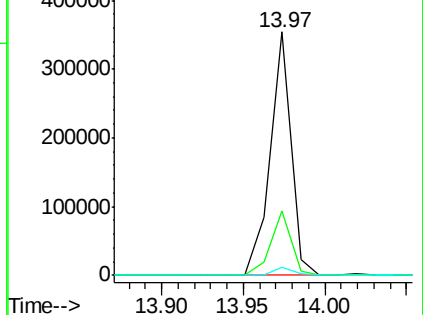
279 3.3 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.39 ng

RT: 14.58 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BF084024.D

Acq: 23 Dec 2015 7:59

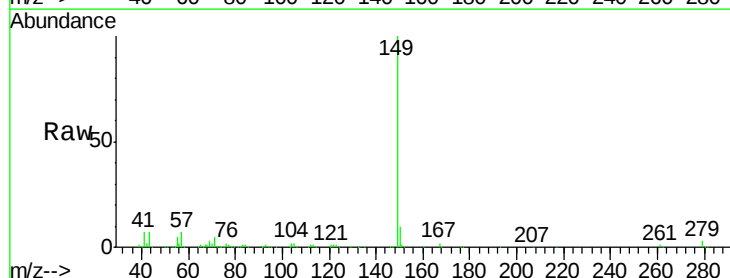
Tgt Ion:149 Resp: 507618

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

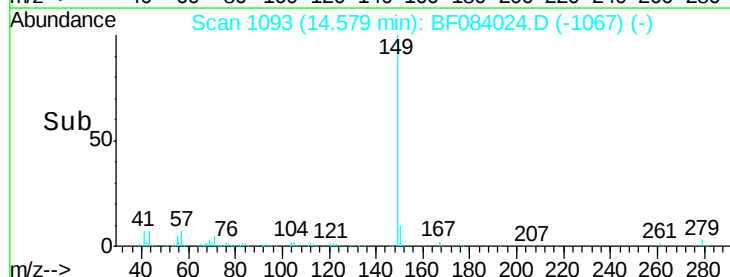
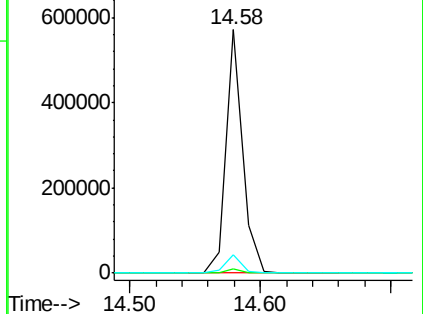
43 7.3 5.6 8.4

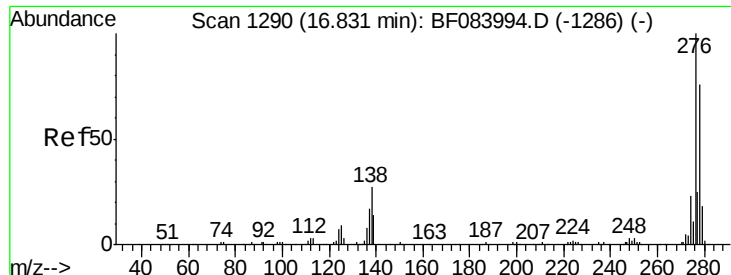


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

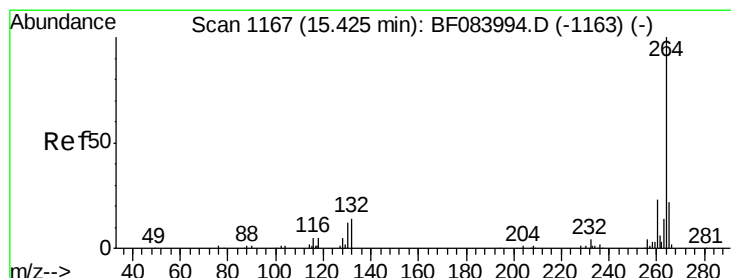
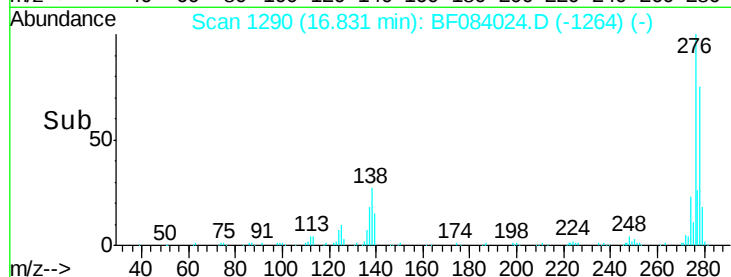
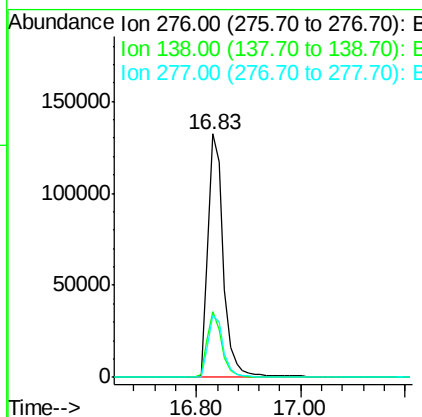
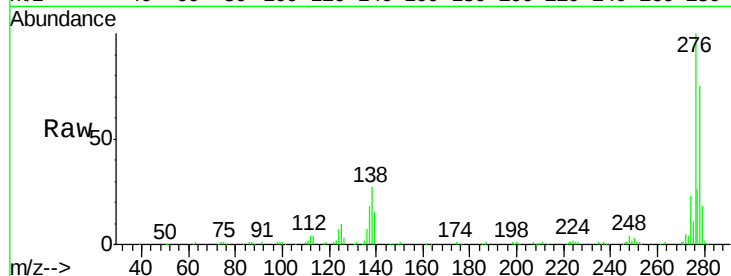




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.19 ng
 RT: 16.83 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

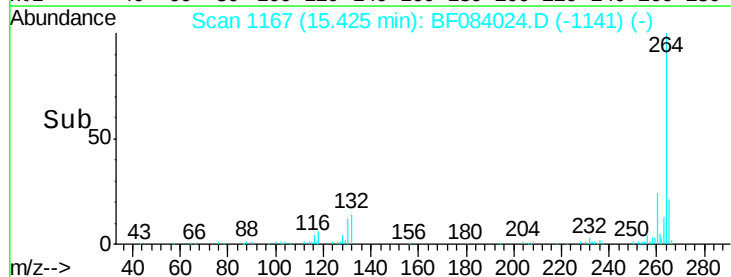
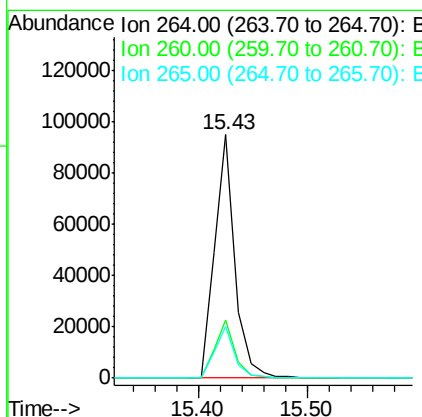
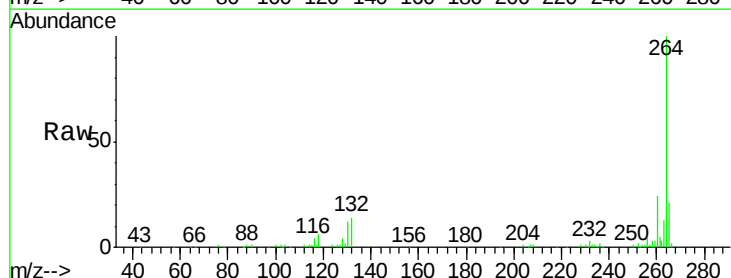
Instrument :
 BNA_F
 ClientSampleId :

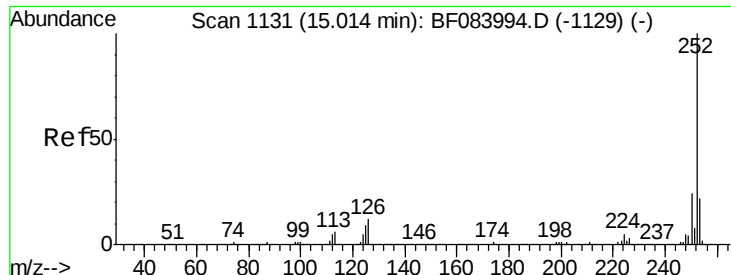
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.6	30.8
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.4	17.8	26.6

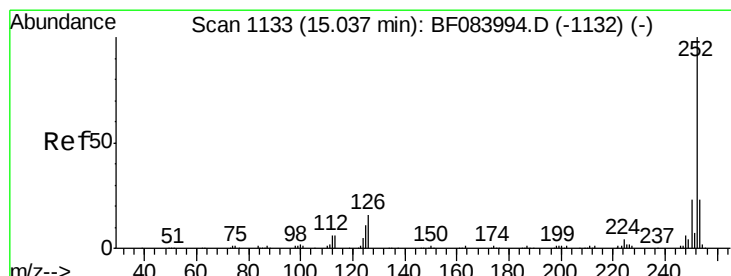
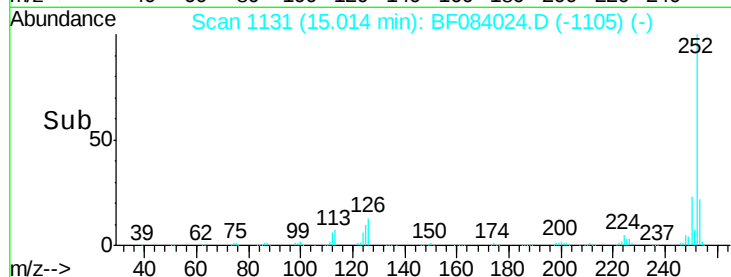
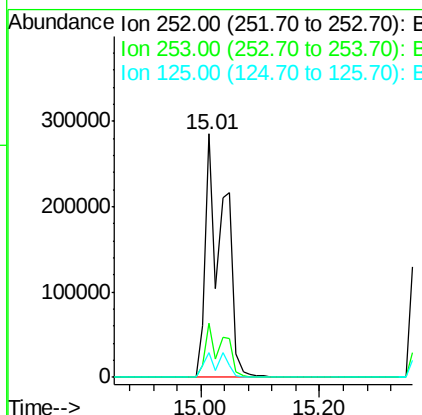
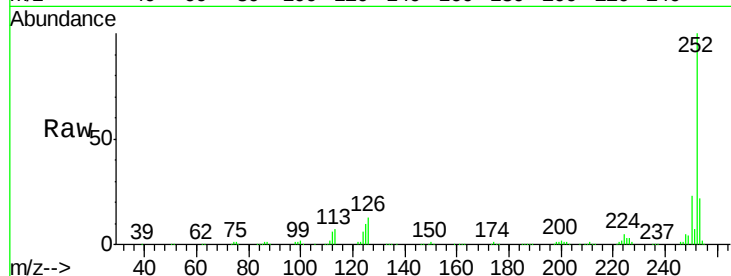




#87
Benzo(b)fluoranthene
Concen: 81.30 ng
RT: 15.01 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF084024.D
Acq: 23 Dec 2015 7:59

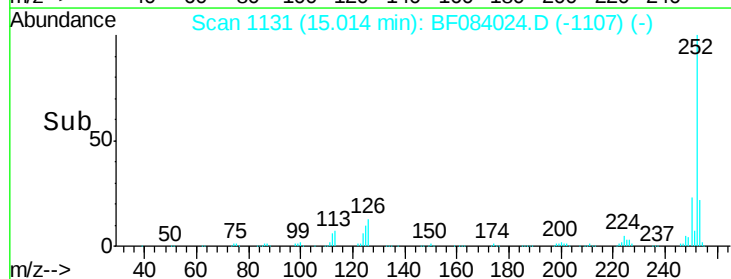
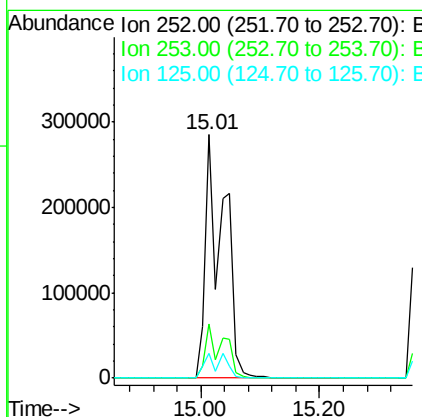
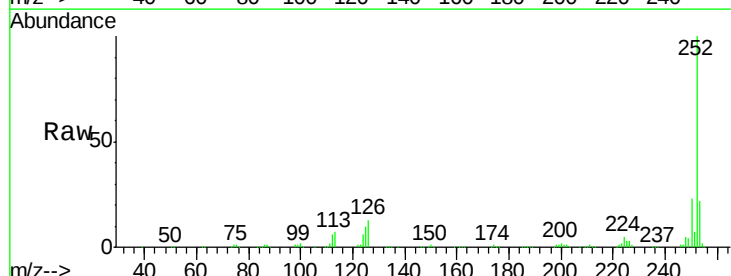
Instrument :
BNA_F
ClientSampleId :

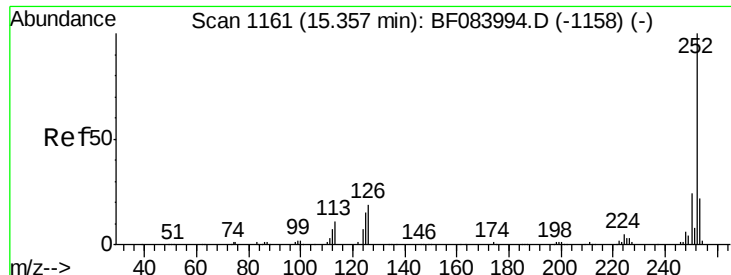
Tot Ion:252 Resp: 632973
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 10.0 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 85.48 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF084024.D
Acq: 23 Dec 2015 7:59

Tgt Ion:252 Resp: 632973
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 10.0 9.0 13.6

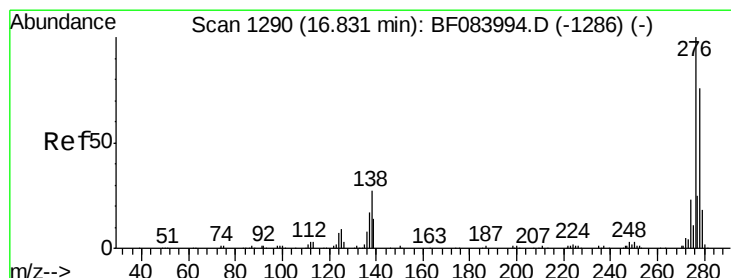
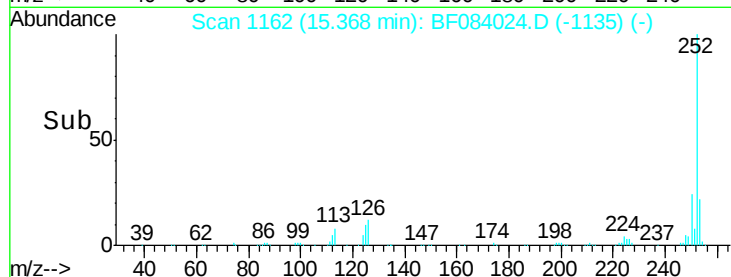
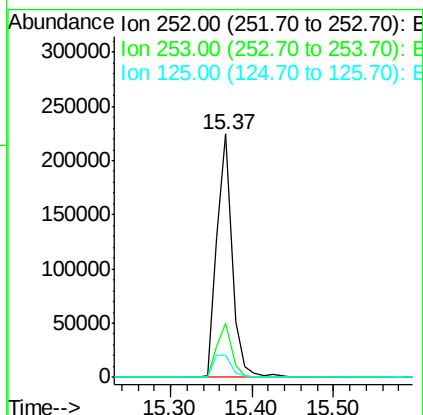
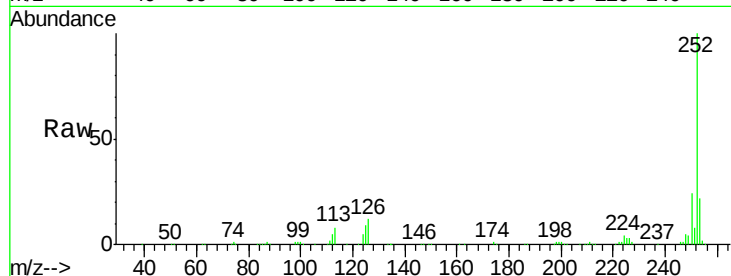




#89
Benzo(a)pyrene
Concen: 40.81 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF084024.D
Acq: 23 Dec 2015 7:59

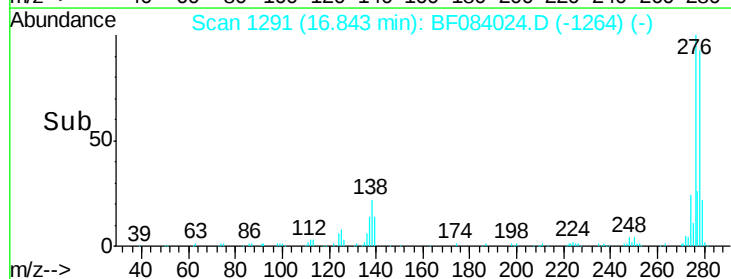
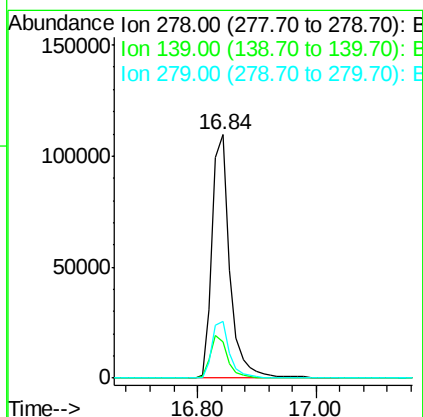
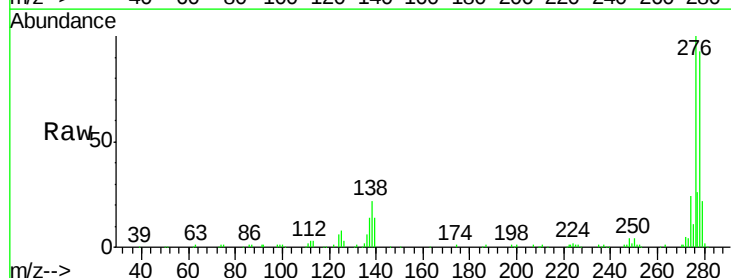
Instrument :
BNA_F
ClientSampleId :

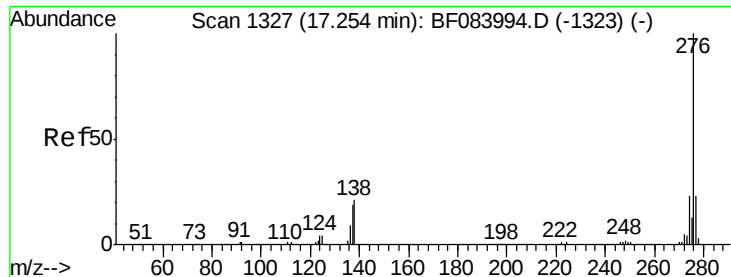
Tot Ion:252 Resp: 294287
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 9.4 7.0 10.4



#90
Dibenzo(a,h)anthracene
Concen: 38.08 ng
RT: 16.84 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BF084024.D
Acq: 23 Dec 2015 7:59

Tgt Ion:278 Resp: 227524
Ion Ratio Lower Upper
278 100
139 14.9 15.0 22.4#
279 23.3 18.9 28.3

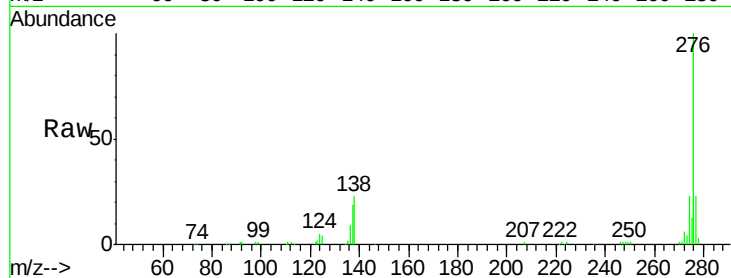




#91
 Benzo(a,h,i)perylene
 Concen: 36.17 ng
 RT: 17.25 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: BF084024.D
 Acq: 23 Dec 2015 7:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.8	28.2
138	23.1	17.8	26.6



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

