

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084014.D
 Acq On : 23 Dec 2015 3:21
 Operator : UM/SJ
 Sample : G4916-06MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP209BRV46.5MS

Quant Time: Dec 23 04:49:12 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	46766	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	181696	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	90488	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	173487	20.00	ng	0.00
75) Chrysene-d12	14.00	240	157353	20.00	ng	0.00
86) Perylene-d12	15.43	264	113557	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	185513	67.64	ng	0.01
7) Phenol-d6	6.48	99	144538	44.82	ng	0.00
23) Nitrobenzene-d5	7.40	82	316447	106.99	ng	0.01
41) 2,4,6-Tribromophenol	10.67	330	150789	173.25	ng	0.01
44) 2-Fluorobiphenyl	9.20	172	636910	94.73	ng	0.00
78) Terphenyl-d14	12.93	244	637042	96.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	20199	15.47	ng	# 92
3) Pyridine	3.18	79	44286	14.90	ng	95
4) n-Nitrosodimethylamine	3.10	42	24688	22.35	ng	99
6) Aniline	6.49	93	117376	26.30	ng	89
8) 2-Chlorophenol	6.62	128	126231	39.96	ng	88
9) Benzaldehyde	6.37	77	60171	27.94	ng	99
10) Phenol	6.49	94	61207	16.41	ng	# 33
11) bis(2-Chloroethyl)ether	6.57	93	140376	49.24	ng	96
12) 1,3-Dichlorobenzene	6.77	146	150747	42.96	ng	99
13) 1,4-Dichlorobenzene	6.84	146	150918	44.04	ng	97
14) 1,2-Dichlorobenzene	7.00	146	153747	46.93	ng	99
15) Benzyl Alcohol	6.98	79	92333	36.36	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.12	45	131580	47.81	ng	90
17) 2-Methylphenol	7.10	107	84039	33.40	ng	# 90
18) Hexachloroethane	7.34	117	55362	44.06	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	104860	53.66	ng	97
20) 3+4-Methylphenols	7.25	107	99895	32.17	ng	# 61
22) Acetophenone	7.24	105	213685	50.12	ng	# 92
24) Nitrobenzene	7.41	77	150582	49.40	ng	98
25) Isophorone	7.65	82	280222	50.00	ng	99
26) 2-Nitrophenol	7.73	139	81034	49.40	ng	90
27) 2,4-Dimethylphenol	7.78	122	121407	42.46	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	185908	53.55	ng	99
29) 2,4-Dichlorophenol	7.98	162	126669	49.59	ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	123803	46.46	ng	97
31) Naphthalene	8.13	128	423862	45.66	ng	99
32) Benzoic acid	7.89	122	18121	17.51	ng	96
33) 4-Chloroaniline	8.19	127	119507	31.48	ng	# 93
34) Hexachlorobutadiene	8.26	225	73651	46.24	ng	99
35) Caprolactam	8.57	113	6182	8.05	ng	87
36) 4-Chloro-3-methylphenol	8.68	107	134654	49.28	ng	97
37) 2-Methylnaphthalene	8.83	142	321938	53.56	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	139415	51.25	ng	98
40) Hexachlorocyclopentadiene	8.99	237	73554	84.73	ng	98

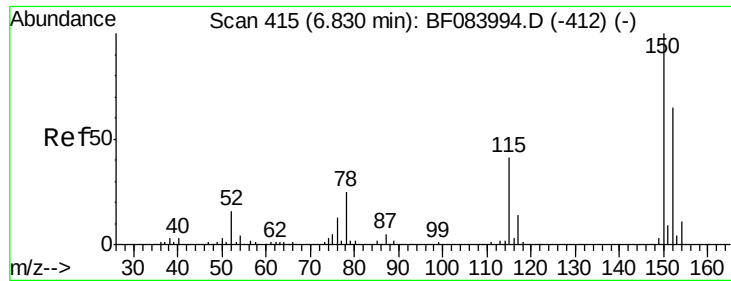
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084014.D
 Acq On : 23 Dec 2015 3:21
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	87789	53.59	nq	100
43) 2,4,5-Trichlorophenol	9.16	196	89007	52.21	nq	# 93
45) 1,1'-Biphenyl	9.30	154	396703	49.59	nq	96
46) 2-Chloronaphthalene	9.32	162	302941	52.61	nq	95
47) 2-Nitroaniline	9.41	65	74673	47.57	nq	91
48) Acenaphthylene	9.73	152	454408	49.83	nq	100
49) Dimethylphthalate	9.61	163	383736	54.19	nq	# 91
50) 2,6-Dinitrotoluene	9.66	165	84550	56.58	nq	98
51) Acenaphthene	9.90	154	272026	50.17	nq	99
52) 3-Nitroaniline	9.82	138	44817	28.24	nq	94
53) 2,4-Dinitrophenol	9.95	184	62323	95.72	nq	# 90
54) Dibenzofuran	10.08	168	401585	49.48	nq	# 89
55) 4-Nitrophenol	10.01	139	34643	37.14	nq	85
56) 2,4-Dinitrotoluene	10.06	165	99830	53.14	nq	# 88
57) Fluorene	10.42	166	317099	49.31	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	73241	54.48	nq	97
59) Diethylphthalate	10.29	149	374914	53.88	nq	95
60) 4-Chlorophenyl-phenylether	10.41	204	146681	49.78	nq	# 83
61) 4-Nitroaniline	10.44	138	64427	39.68	nq	97
62) Azobenzene	10.57	77	340455	55.41	nq	89
64) 4,6-Dinitro-2-methylphenol	10.48	198	49369	48.68	nq	# 59
65) n-Nitrosodiphenylamine	10.53	169	304658	47.55	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	96179	48.35	nq	# 75
67) Hexachlorobenzene	10.97	284	106089	48.86	nq	# 70
68) Atrazine	11.06	200	90409	46.67	nq	96
69) Pentachlorophenol	11.17	266	84583	104.07	nq	98
70) Phenanthrene	11.38	178	466593	47.59	nq	98
71) Anthracene	11.44	178	527921	53.02	nq	99
72) Carbazole	11.58	167	437182	46.95	nq	99
73) Di-n-butylphthalate	11.92	149	576726	49.88	nq	# 97
74) Fluoranthene	12.57	202	510850	52.54	nq	98
76) Benzidine	12.68	184	164616	29.33	nq	99
77) Pyrene	12.80	202	527488	49.41	nq	99
79) Butylbenzylphthalate	13.41	149	287619	58.58	nq	88
80) Benzo(a)anthracene	13.99	228	450488	49.65	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	73170	21.44	nq	# 97
82) Chrysene	14.02	228	376335	44.68	nq	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	372151	54.65	nq	# 98
84) Di-n-octyl phthalate	14.58	149	585316	55.90	nq	99
85) Indeno(1,2,3-cd)pyrene	16.84	276	329588	47.30	nq	99
87) Benzo(b)fluoranthene	15.01	252	754558	105.40	nq	# 97
88) Benzo(k)fluoranthene	15.01	252	754558	110.83	nq	99
89) Benzo(a)pyrene	15.37	252	344926	52.02	nq	99
90) Dibenzo(a,h)anthracene	16.84	278	279332	50.84	nq	97
91) Benzo(g,h,i)perylene	17.25	276	270396	48.65	nq	99

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

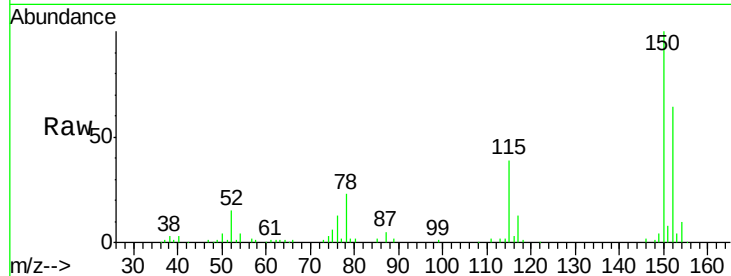


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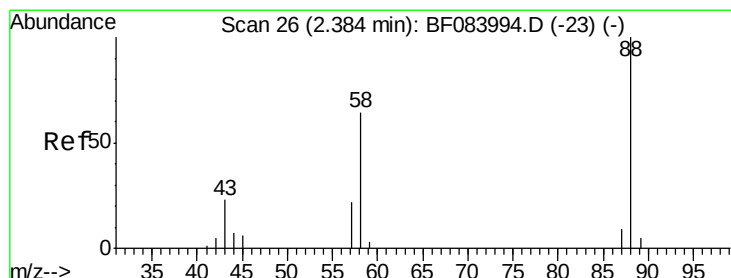
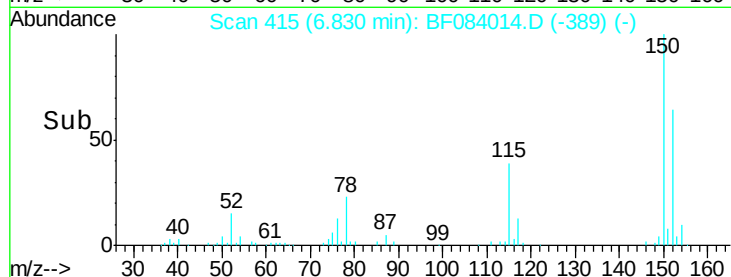
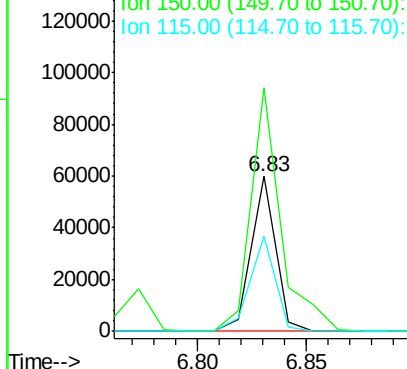
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MS

Tot Ion:152 Resp: 46766
Ion Ratio Lower Upper
152 100
150 157.0 123.0 184.4
115 61.3 51.4 77.2



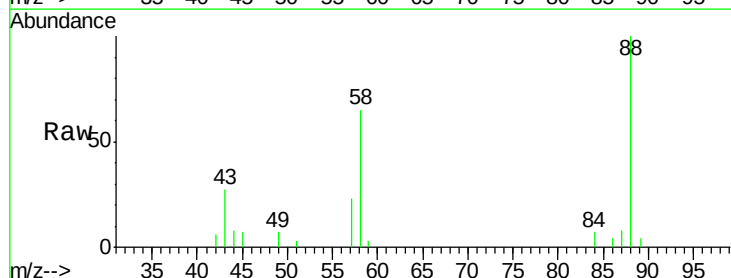
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



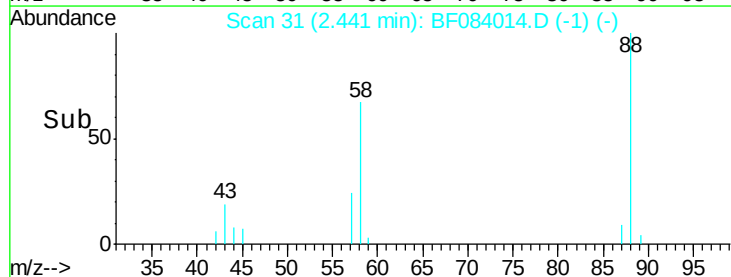
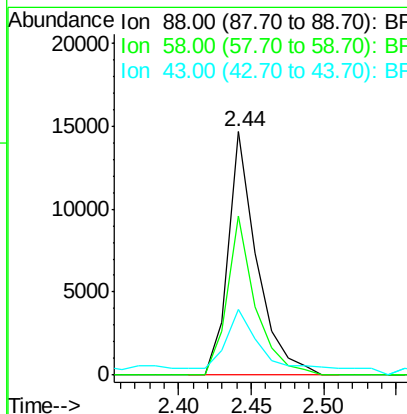
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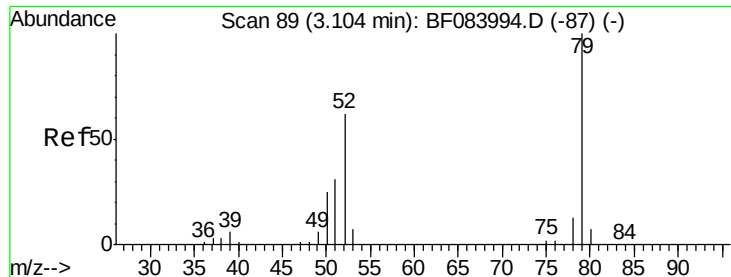
1,4-Dioxane
Concen: 15.47 ng
RT: 2.44 min Scan# 31
Delta R.T. 0.06 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

Tgt Ion: 88 Resp: 20199
Ion Ratio Lower Upper
88 100
58 64.0 51.2 76.8
43 39.5 19.5 29.3



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





#3

Pvridine

Concen: 14.90 ng

RT: 3.18 min Scan# 96

Delta R.T. 0.08 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5MS

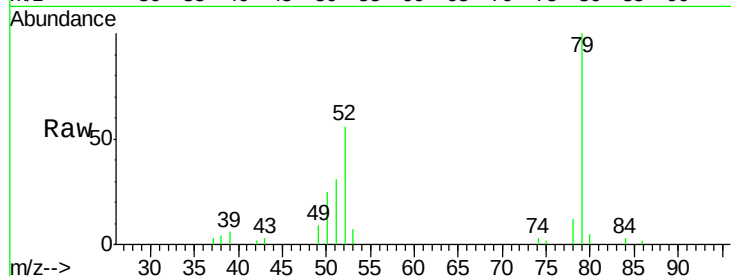
Tot Ion: 79 Resp: 44286

Ion Ratio Lower Upper

79 100

52 56.0 49.0 73.4

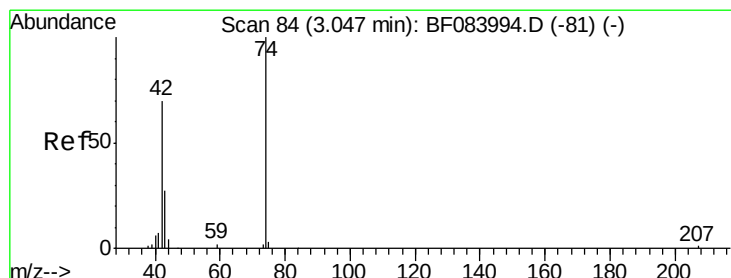
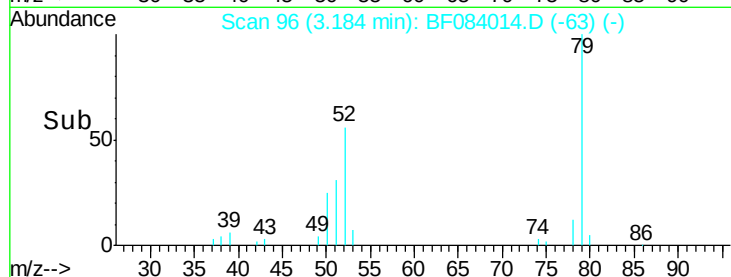
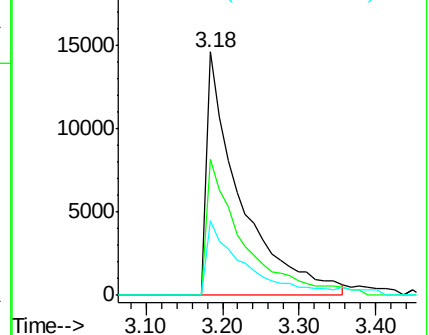
51 30.7 25.2 37.8



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: 22.35 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.06 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

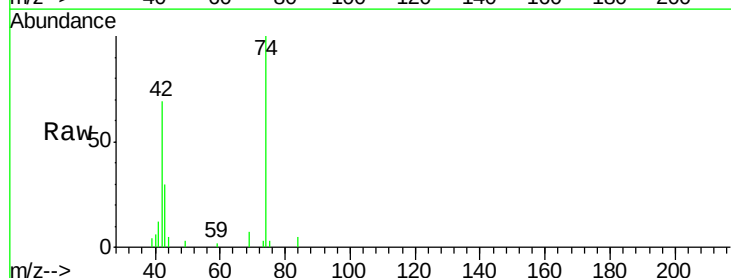
Tgt Ion: 42 Resp: 24688

Ion Ratio Lower Upper

42 100

74 145.6 115.7 173.5

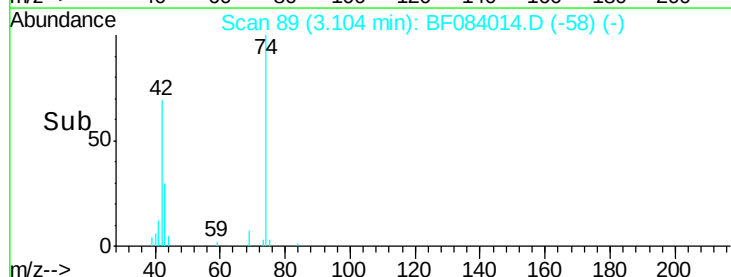
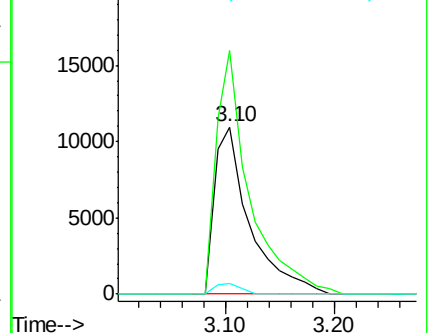
44 6.7 5.1 7.7

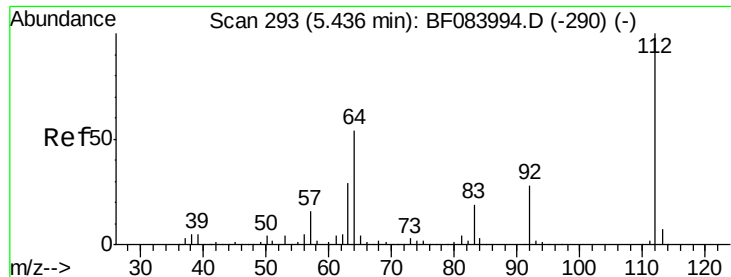


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 67.64 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

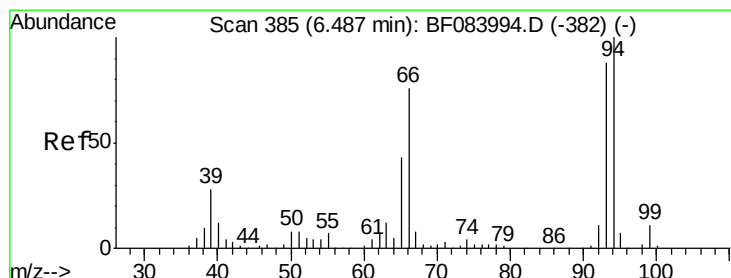
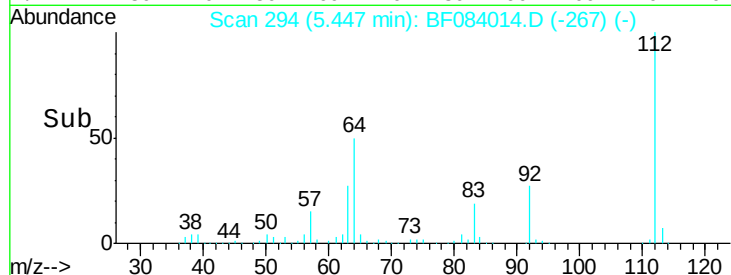
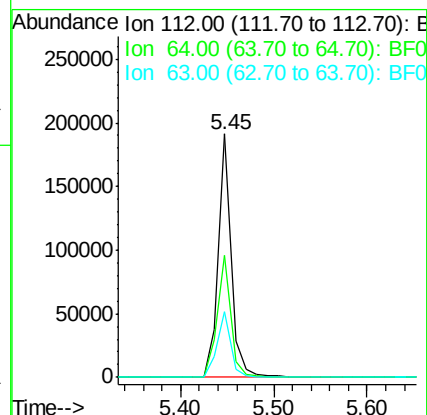
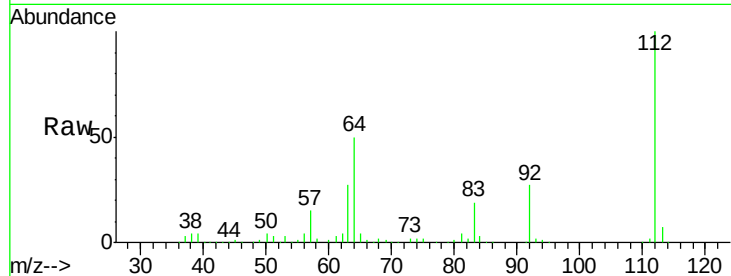
Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5MS

Tot Ion:	112	Resp:	185513
Ion	Ratio	Lower	Upper
112	100		
64	50.0	36.6	55.0
63	26.8	19.4	29.0



#6

Aniline

Concen: 26.30 ng

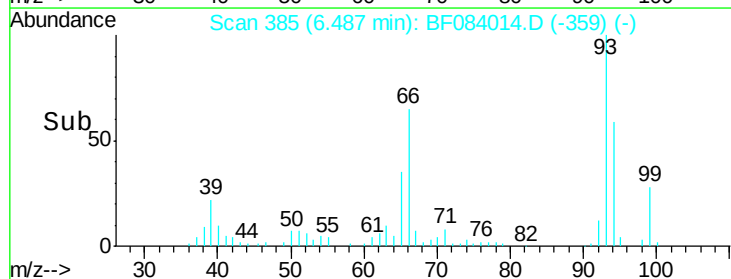
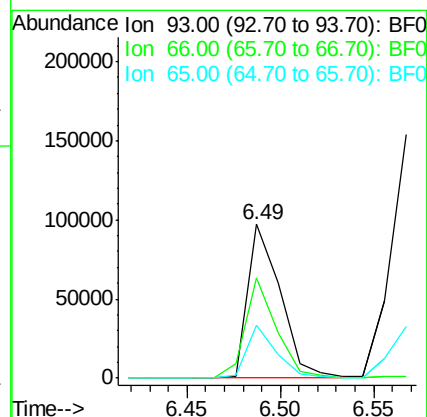
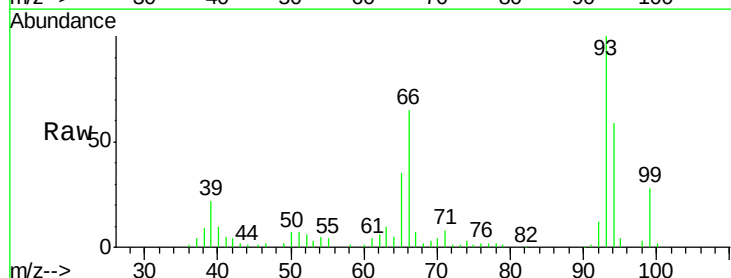
RT: 6.49 min Scan# 385

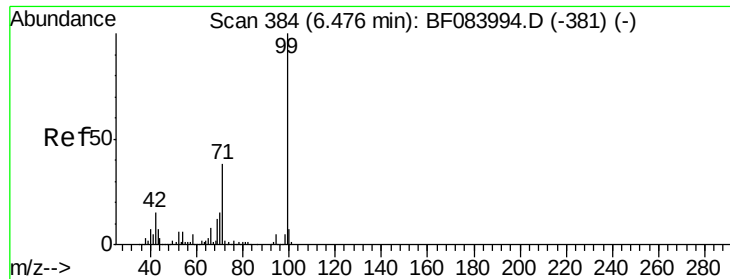
Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Tgt Ion:	93	Resp:	117376
Ion	Ratio	Lower	Upper
93	100		
66	64.8	44.9	67.3
65	34.7	23.7	35.5





#7

Phenol-d6

Concen: 44.82 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5MS

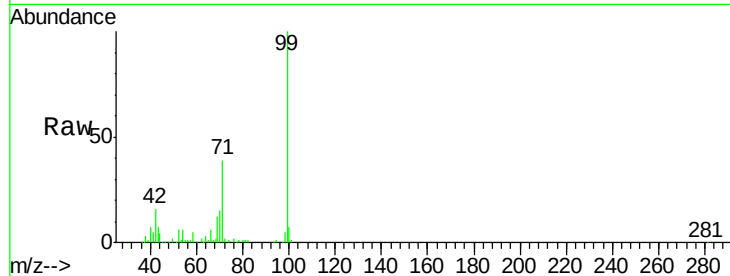
Tot Ion: 99 Resp: 144538

Ion Ratio Lower Upper

99 100

42 15.8 12.8 19.2

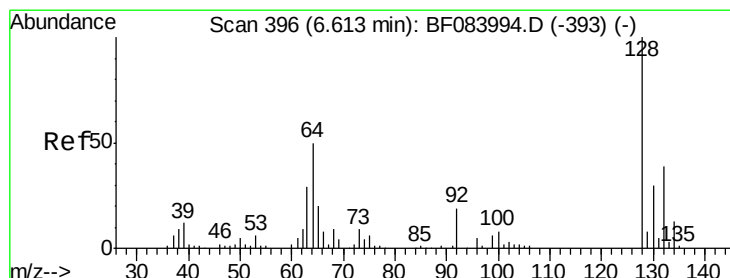
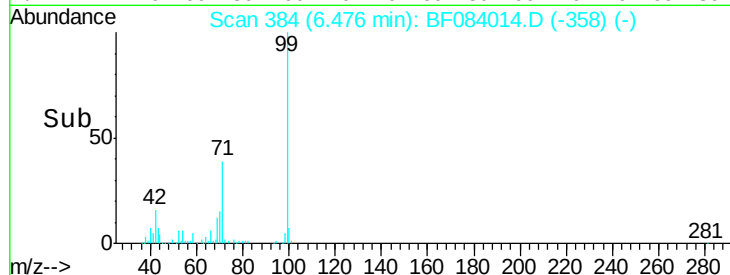
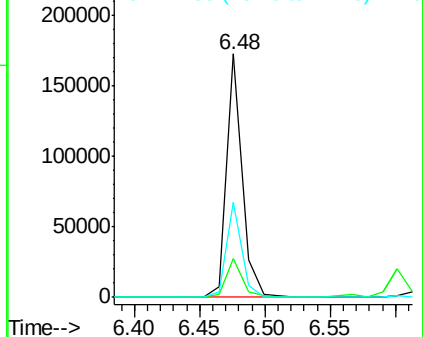
71 39.3 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.96 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

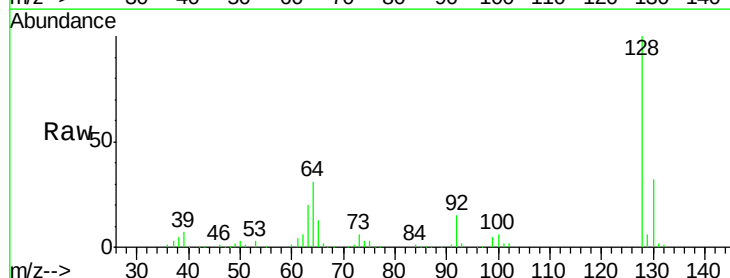
Tgt Ion: 128 Resp: 126231

Ion Ratio Lower Upper

128 100

130 32.1 11.6 51.6

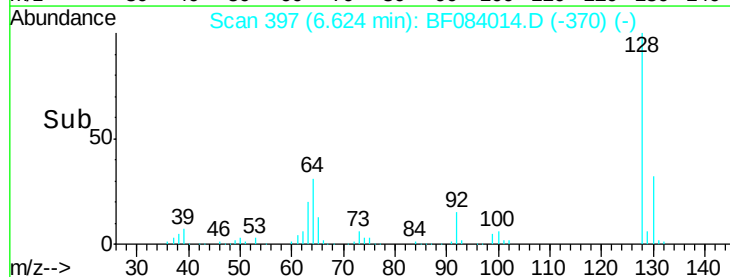
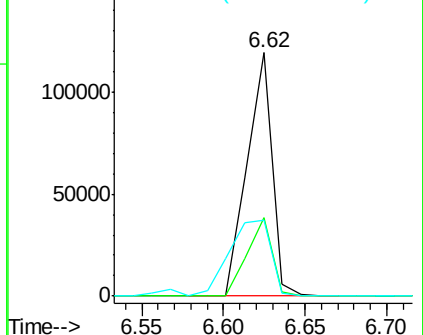
64 31.0 23.8 63.8

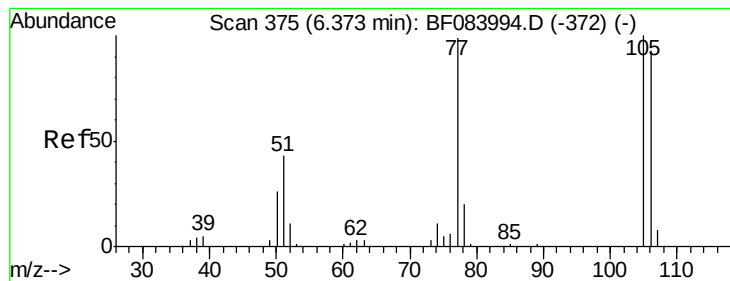


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 27.94 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5MS

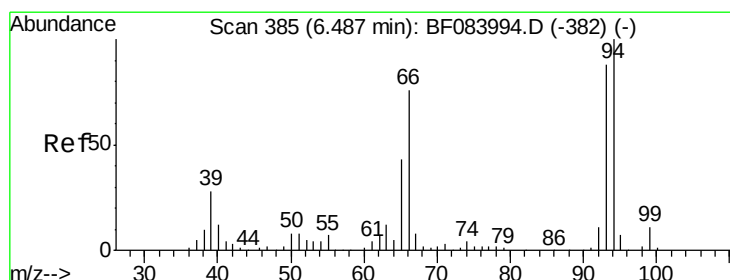
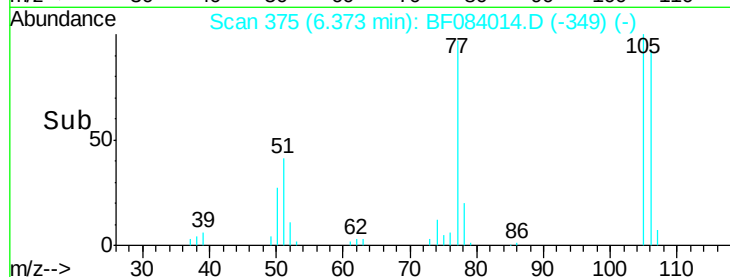
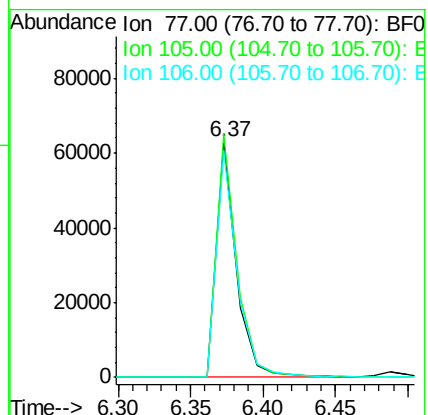
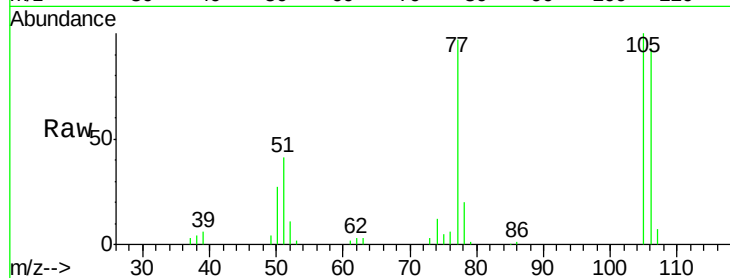
Tot Ion: 77 Resp: 60171

Ion Ratio Lower Upper

77 100

105 103.6 83.0 123.0

106 96.4 74.6 114.6



#10

Phenol

Concen: 16.41 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

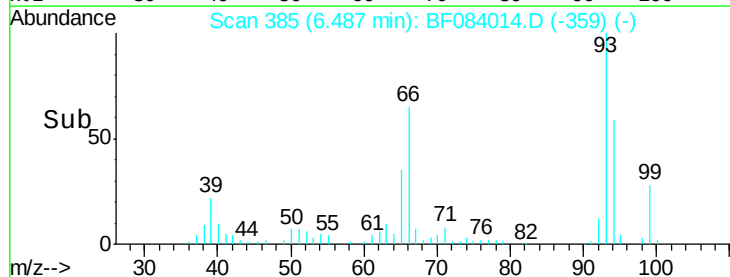
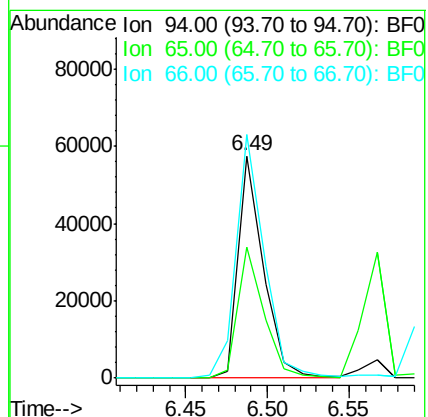
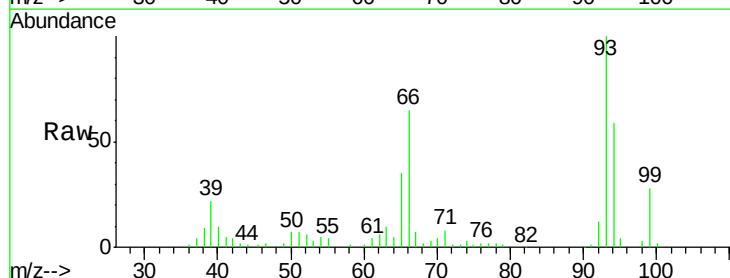
Tgt Ion: 94 Resp: 61207

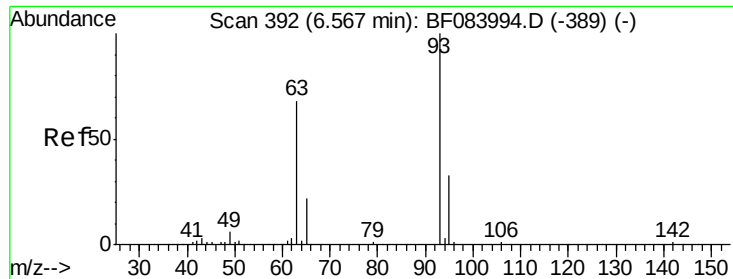
Ion Ratio Lower Upper

94 100

65 58.7 12.9 52.9#

66 109.6 32.7 72.7#

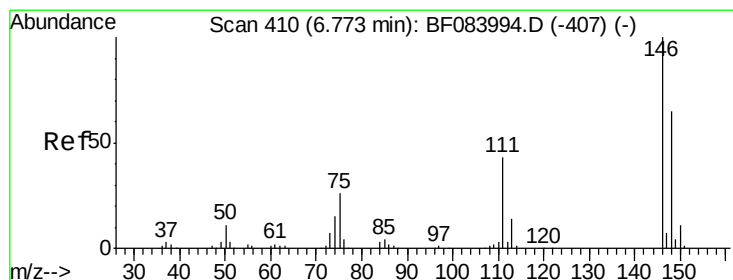
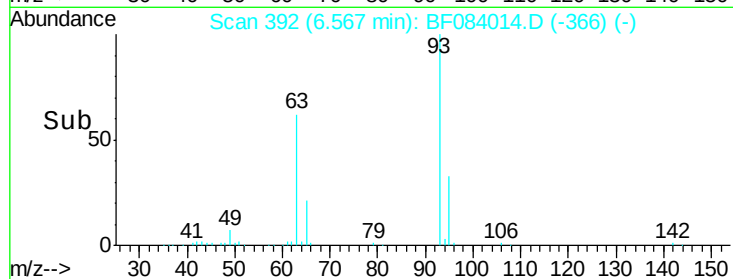
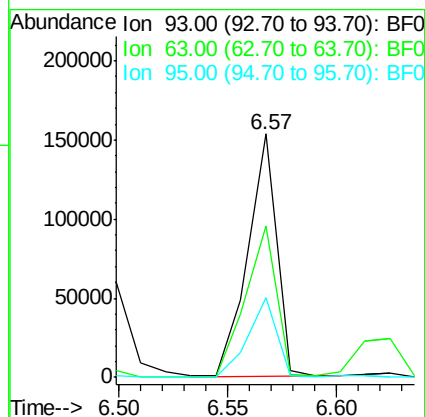
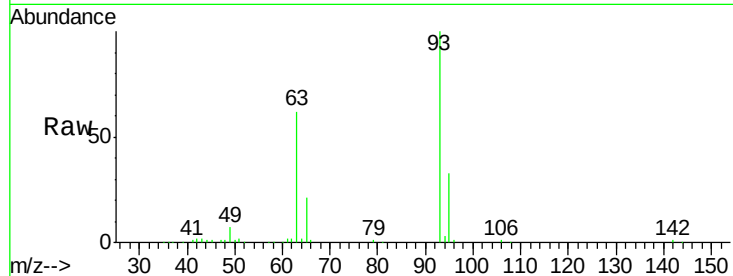




#11
bis(2-Chloroethyl)ether
Concen: 49.24 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

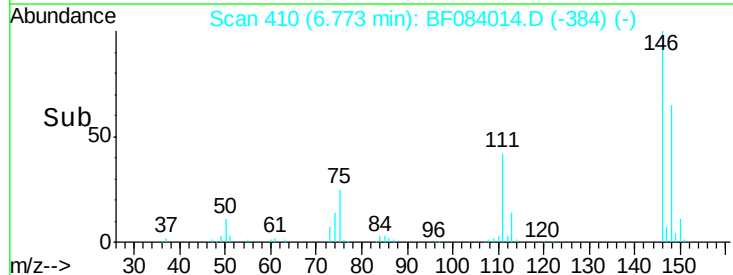
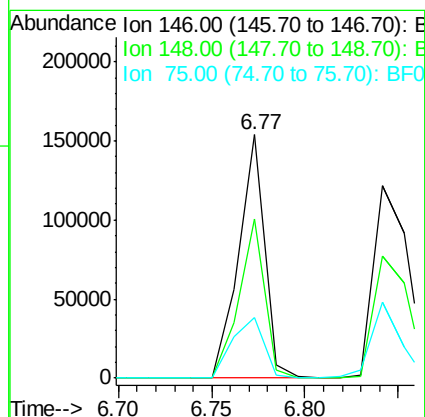
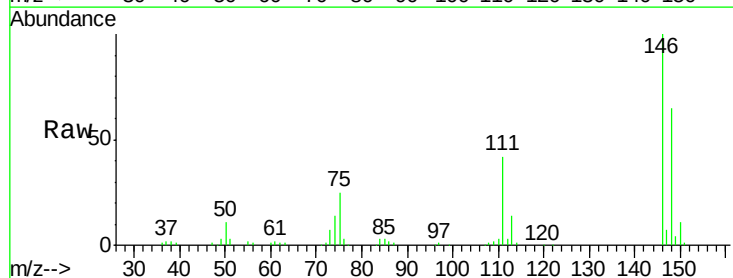
Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MS

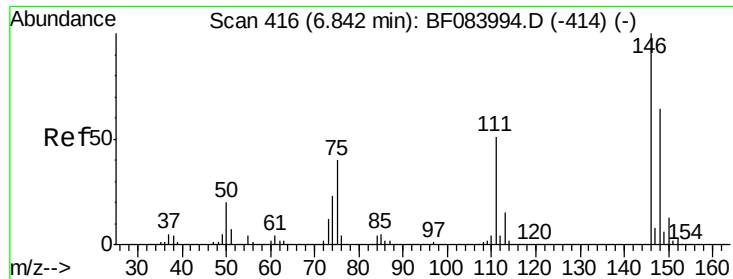
Tot Ion: 93 Resp: 140376
Ion Ratio Lower Upper
93 100
63 62.1 45.9 85.9
95 32.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 42.96 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

Tgt Ion: 146 Resp: 150747
Ion Ratio Lower Upper
146 100
148 65.3 51.9 77.9
75 24.8 20.5 30.7

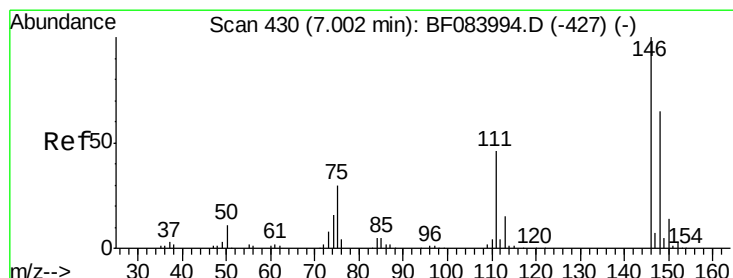
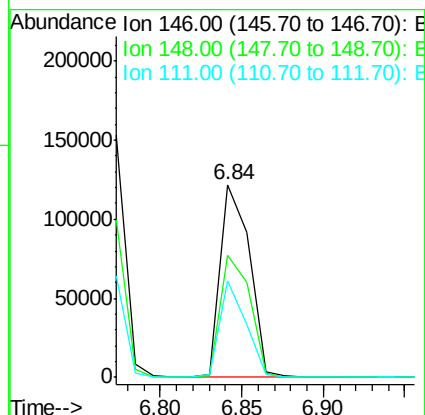
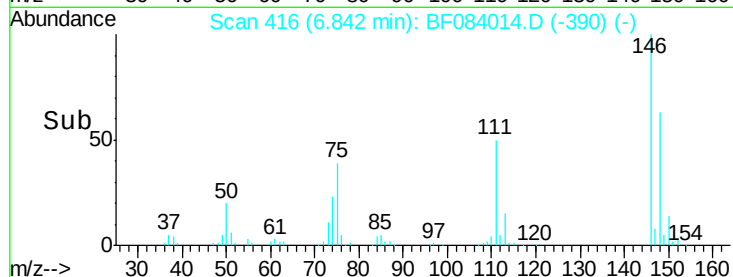
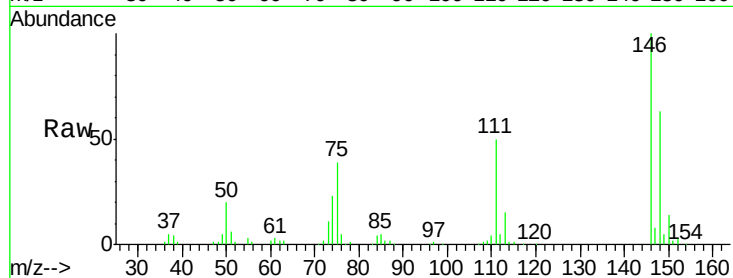




#13
 1,4-Dichlorobenzene
 Concen: 44.04 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BF084014.D
 Acq: 23 Dec 2015 3:21

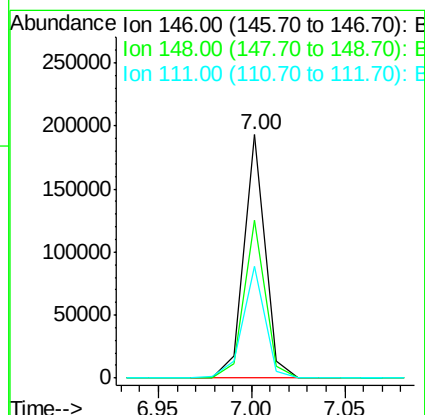
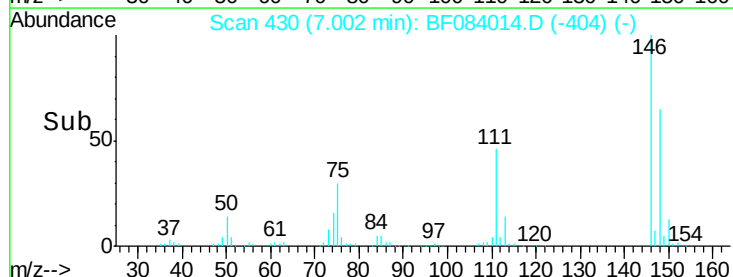
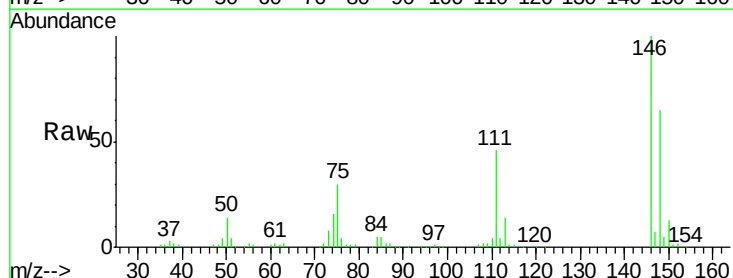
Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP209BRV46.5MS

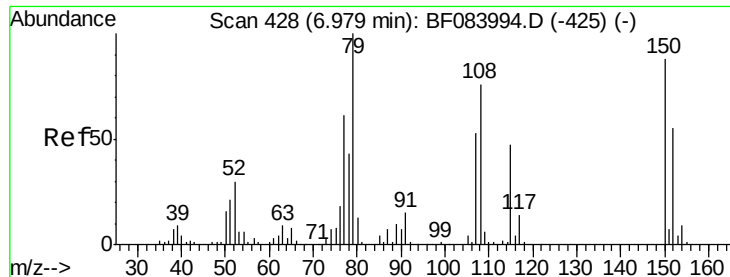
Tot Ion:146 Resp: 150918
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.9 77.9
 111 49.9 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 46.93 ng
 RT: 7.00 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: BF084014.D
 Acq: 23 Dec 2015 3:21

Tgt Ion:146 Resp: 153747
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.6 77.4
 111 46.1 38.0 57.0

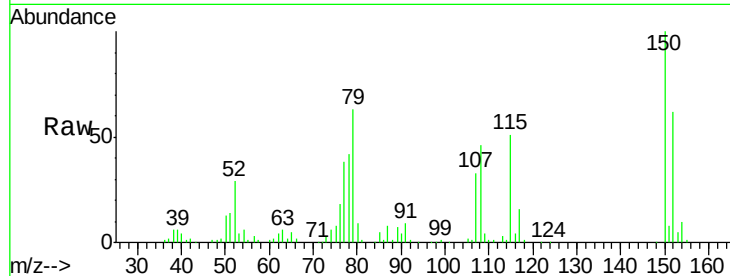




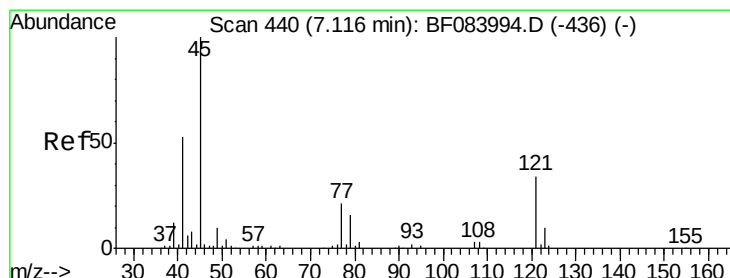
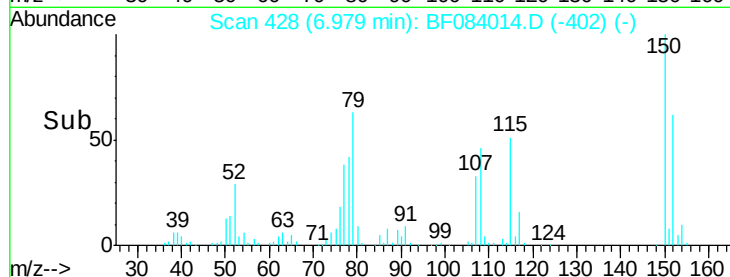
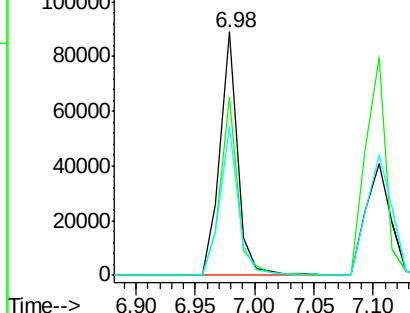
#15
Benzyl Alcohol
Concen: 36.36 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MS

Tot Ion: 79 Resp: 92333
Ion Ratio Lower Upper
79 100
108 73.2 69.0 103.4
77 61.1 50.0 75.0

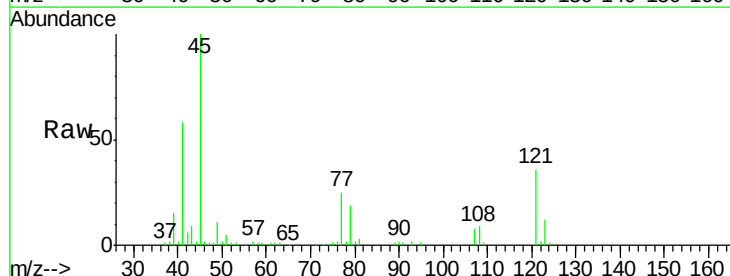


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

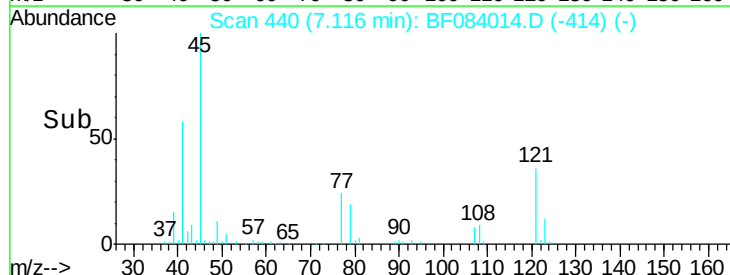
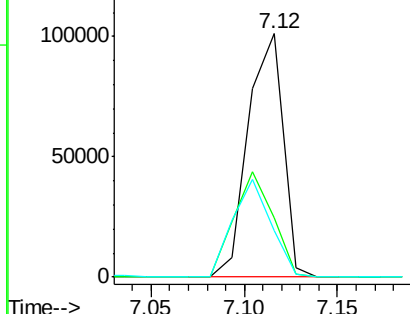


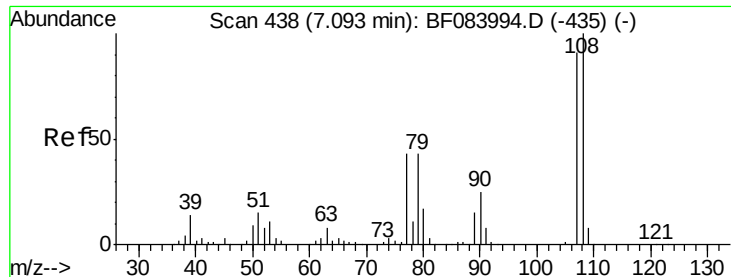
#16
2,2'-oxybis(1-chloropropane)
Concen: 47.81 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

Tgt Ion: 45 Resp: 131580
Ion Ratio Lower Upper
45 100
77 24.6 0.0 39.6
79 19.2 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

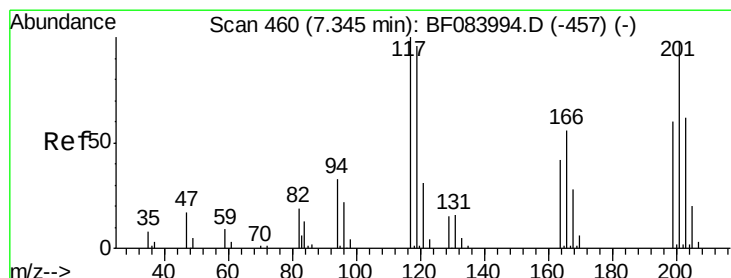
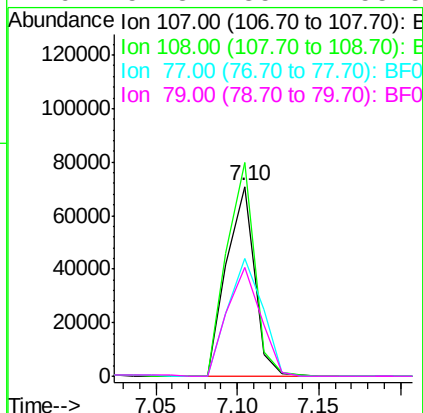
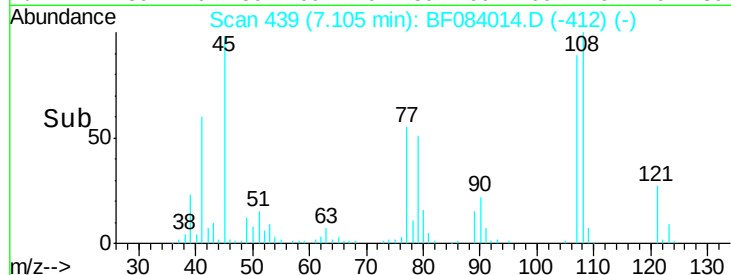
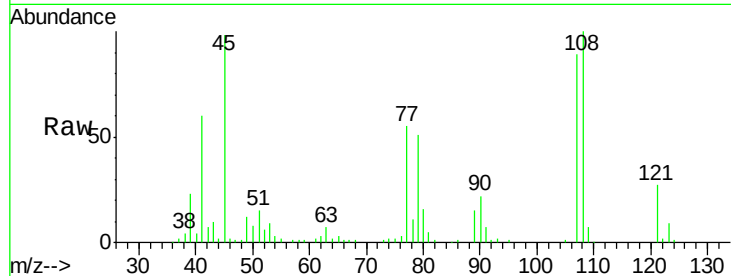




#17
2-Methylphenol
Concen: 33.40 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.01 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

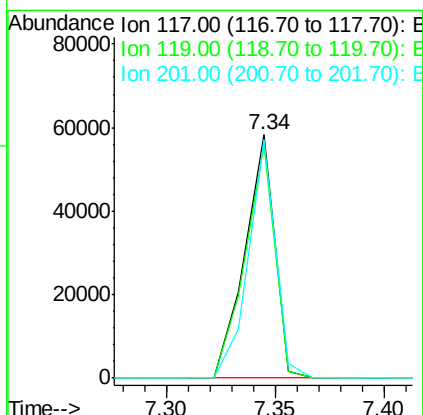
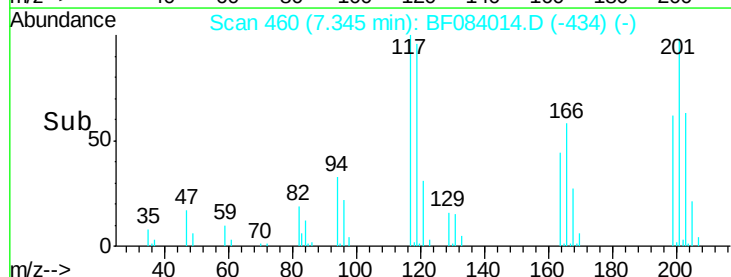
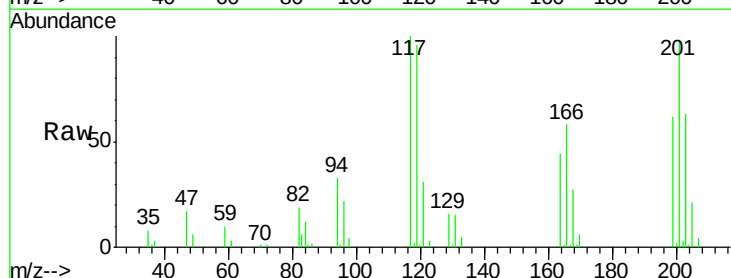
Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MS

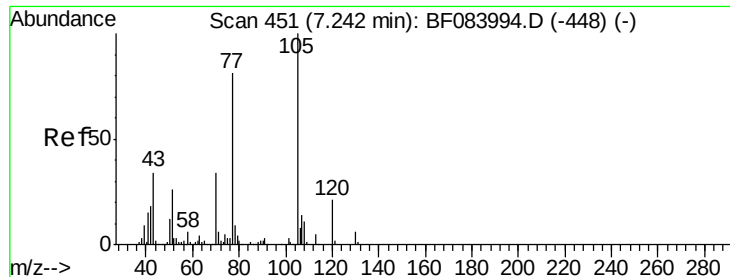
Tot Ion:107 Resp: 84039
Ion Ratio Lower Upper
107 100
108 112.4 89.8 134.6
77 62.0 35.7 53.5#
79 57.3 35.7 53.5#



#18
Hexachloroethane
Concen: 44.06 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

Tgt Ion:117 Resp: 55362
Ion Ratio Lower Upper
117 100
119 95.8 77.4 116.0
201 98.1 68.6 103.0

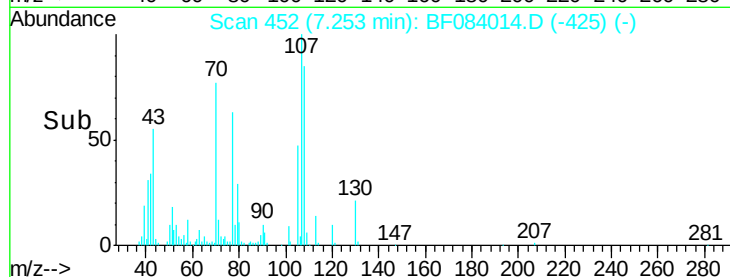
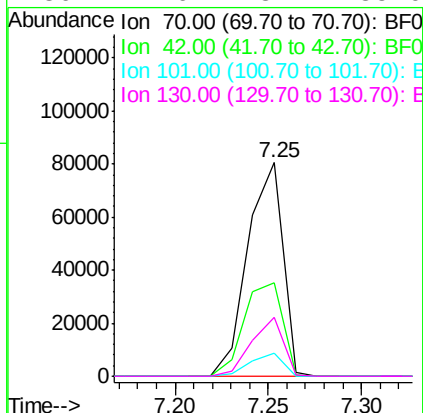
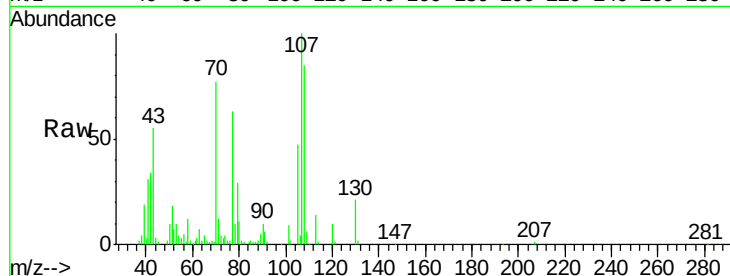




#19
n-Nitroso-di-n-propylamine
Concen: 53.66 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.01 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

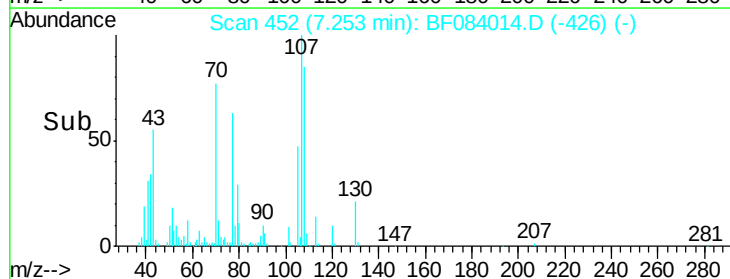
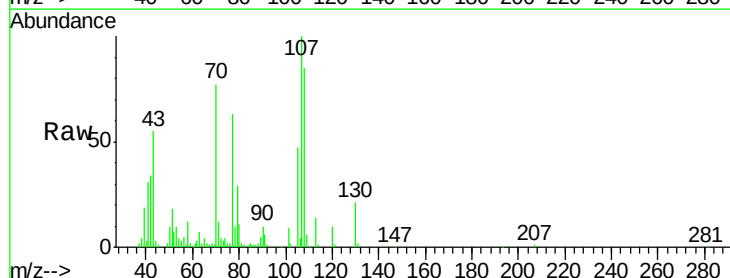
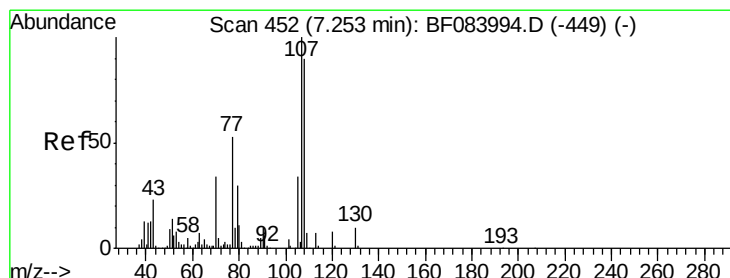
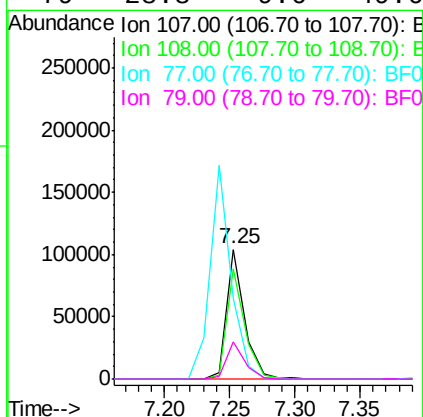
Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MS

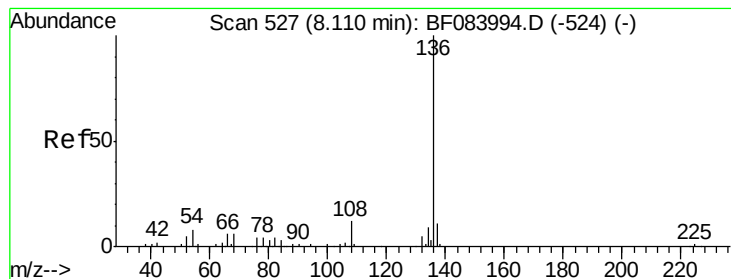
Tot Ion: 70 Resp: 104860
Ion Ratio Lower Upper
70 100
42 43.9 33.3 49.9
101 11.1 9.3 13.9
130 27.6 23.4 35.0



#20
3+4-Methylphenols
Concen: 32.17 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

Tgt Ion: 107 Resp: 99895
Ion Ratio Lower Upper
107 100
108 85.4 64.1 104.1
77 62.6 128.9 168.9#
79 28.8 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5MS

Tot Ion:136 Resp: 181696

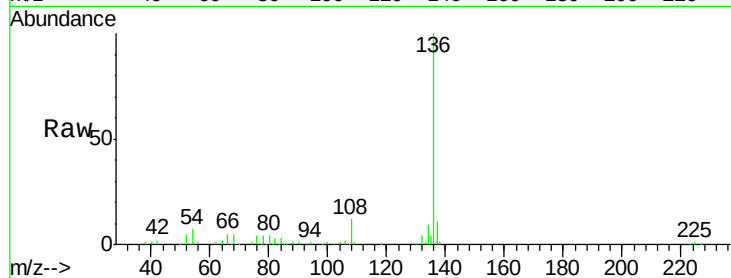
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.8 5.8 8.8

68 5.0 4.2 6.2

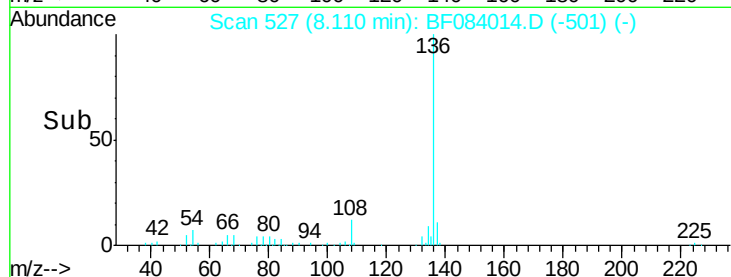


Abundance Ion 136.00 (135.70 to 136.70): E

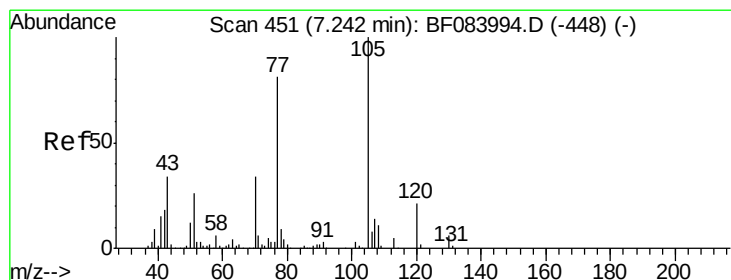
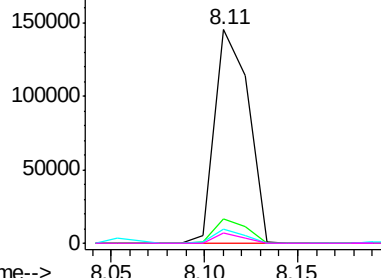
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 50.12 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Tgt Ion:105 Resp: 213685

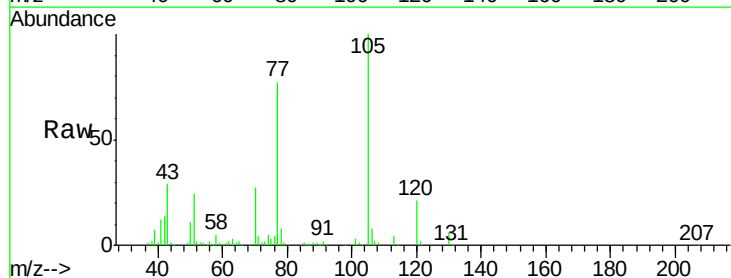
Ion Ratio Lower Upper

105 100

71 4.5 3.7 5.5

51 23.7 25.1 37.7#

120 21.2 16.6 25.0

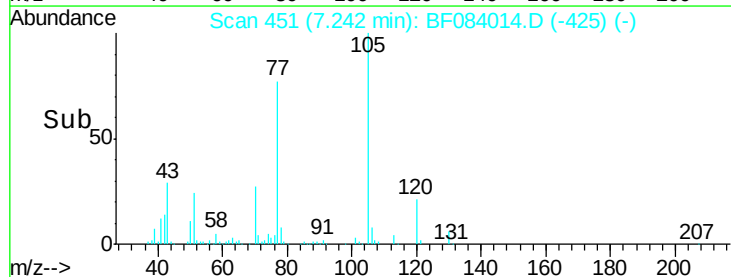


Abundance Ion 105.00 (104.70 to 105.70): E

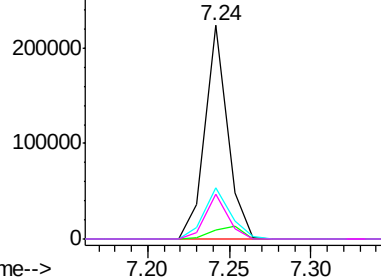
Ion 71.00 (70.70 to 71.70): BF0

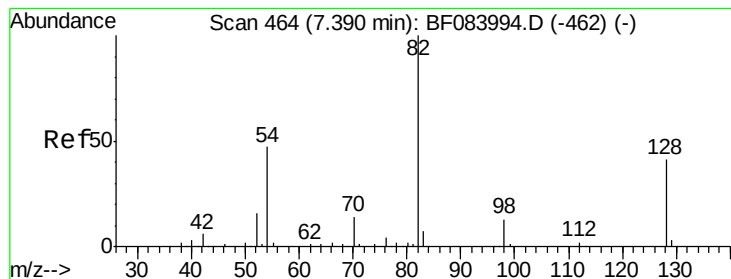
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 106.99 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.01 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5MS

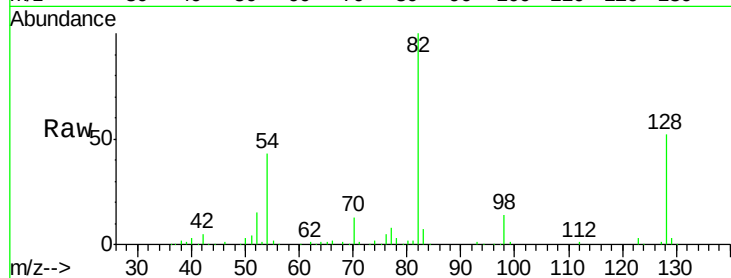
Tot Ion: 82 Resp: 316447

Ion Ratio Lower Upper

82 100

128 52.2 34.6 51.8#

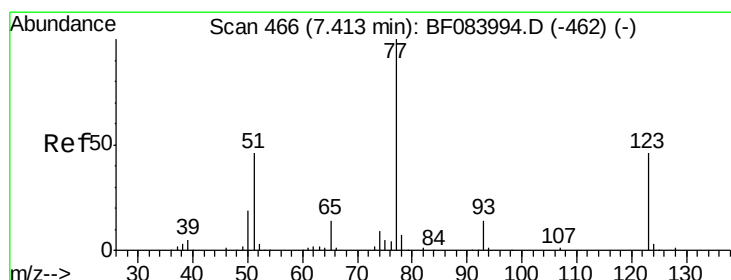
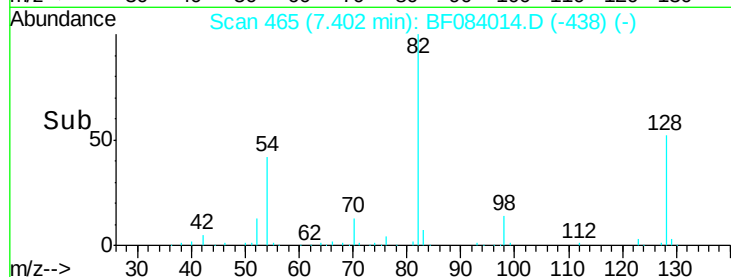
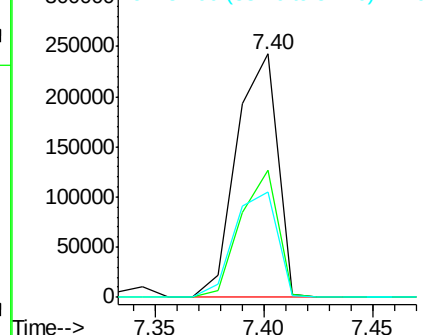
54 43.1 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 49.40 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

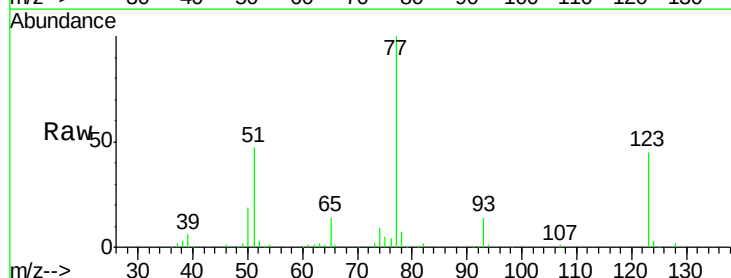
Tgt Ion: 77 Resp: 150582

Ion Ratio Lower Upper

77 100

123 45.1 37.4 56.2

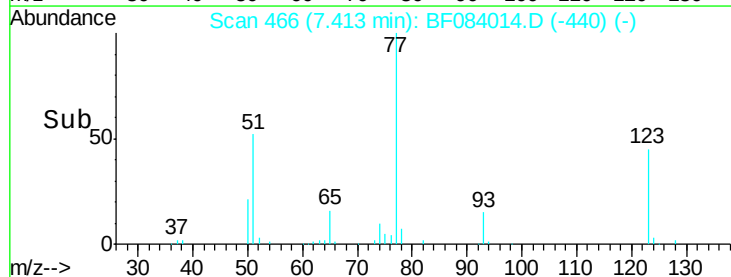
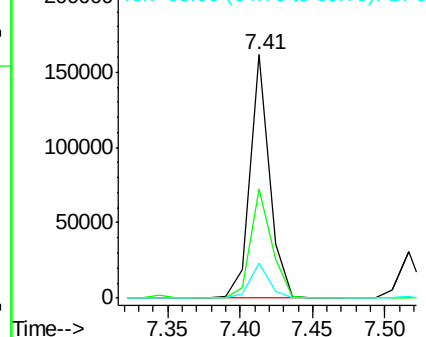
65 14.2 10.9 16.3

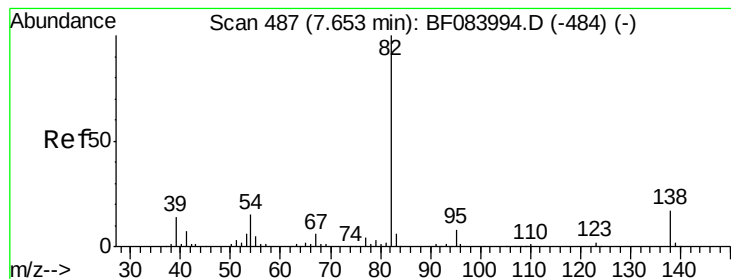


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 50.00 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5MS

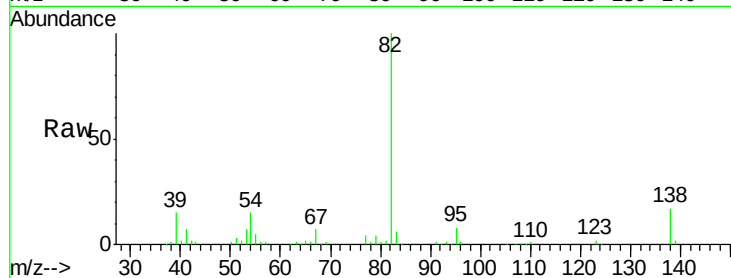
Tot Ion: 82 Resp: 280222

Ion Ratio Lower Upper

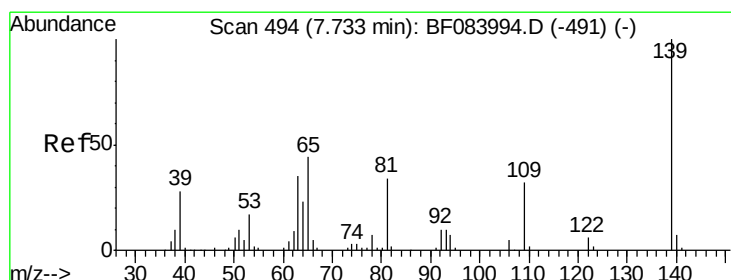
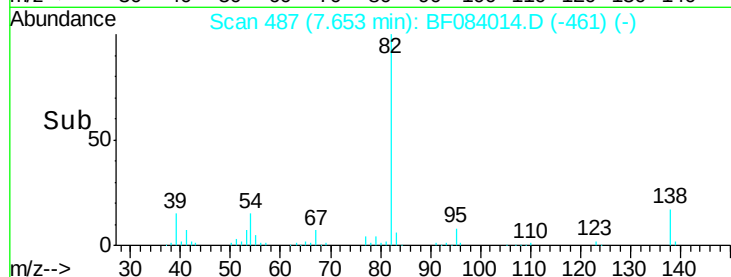
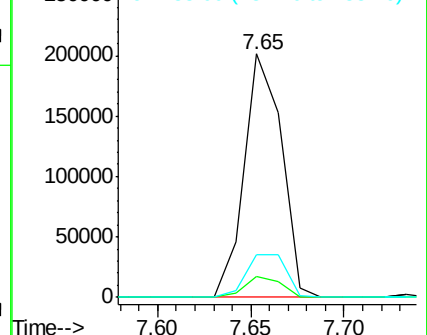
82 100

95 8.5 6.6 10.0

138 17.4 13.6 20.4



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



#26

2-Nitrophenol

Concen: 49.40 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

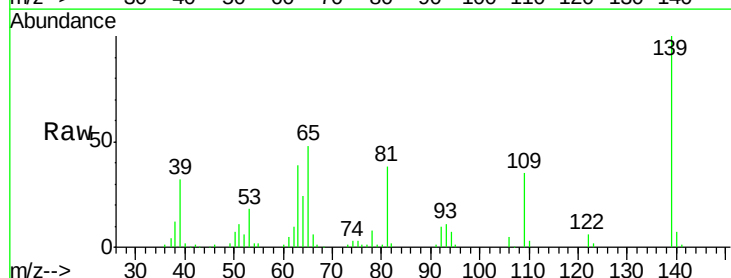
Tgt Ion: 139 Resp: 81034

Ion Ratio Lower Upper

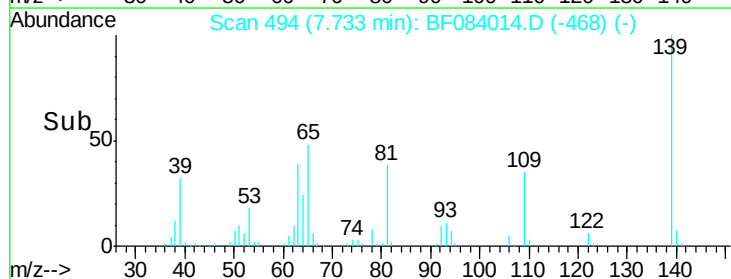
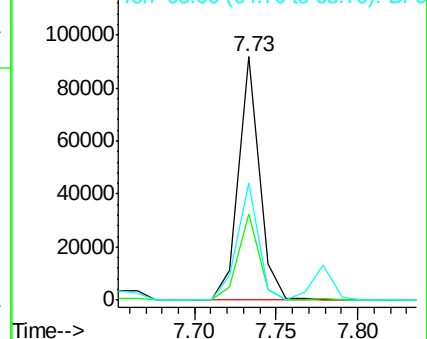
139 100

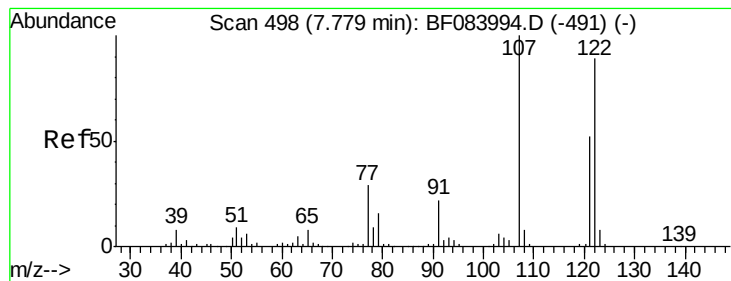
109 35.4 25.4 38.2

65 48.0 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: 42.46 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5MS

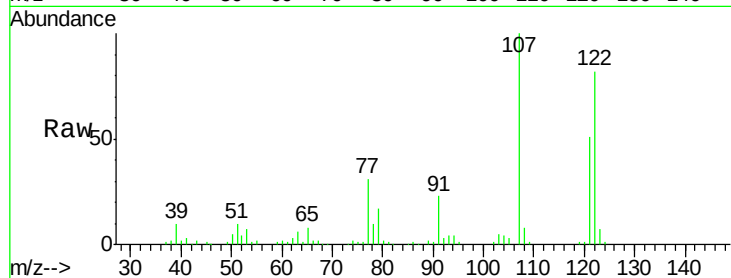
Tot Ion:122 Resp: 121407

Ion Ratio Lower Upper

122 100

107 121.7 99.1 148.7

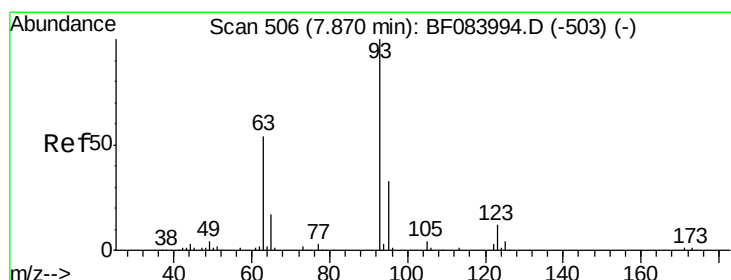
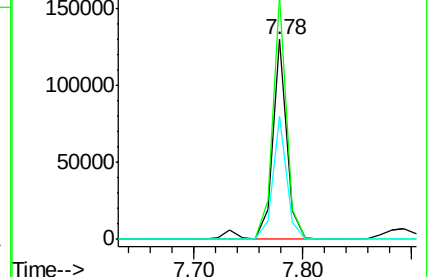
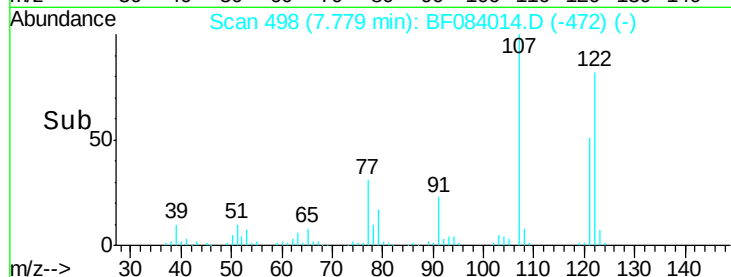
121 61.6 47.9 71.9



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: 53.55 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

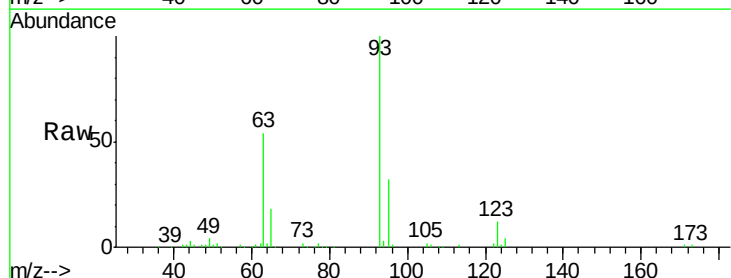
Tgt Ion: 93 Resp: 185908

Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.6

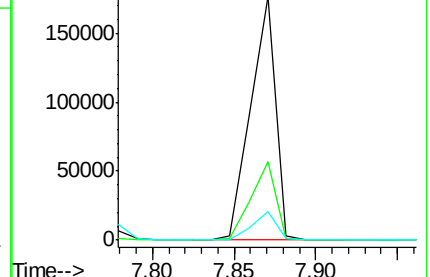
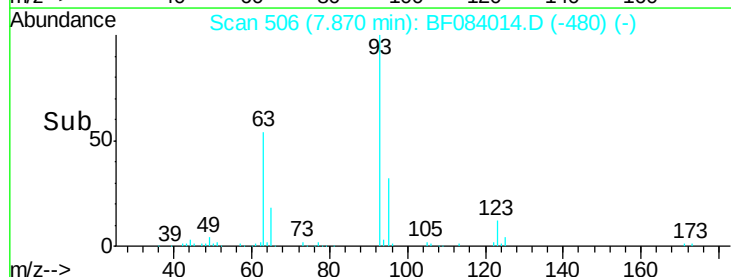
123 12.0 8.6 12.8

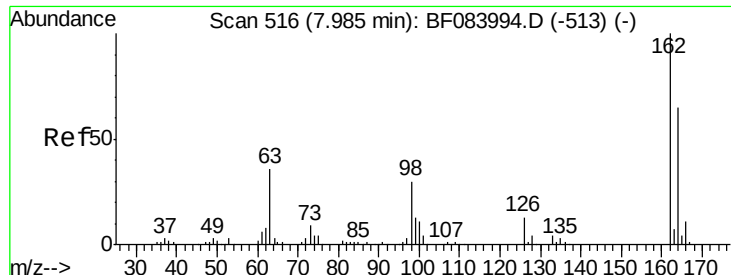


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

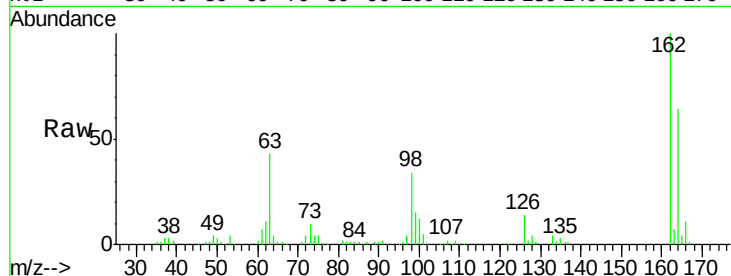




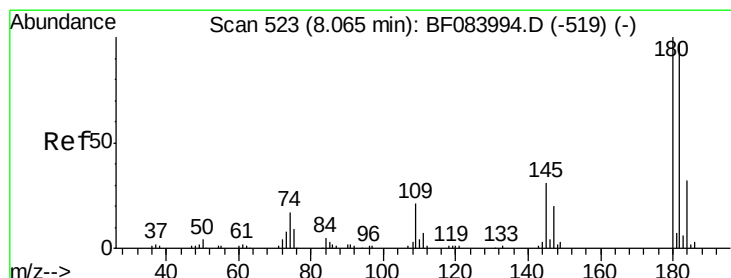
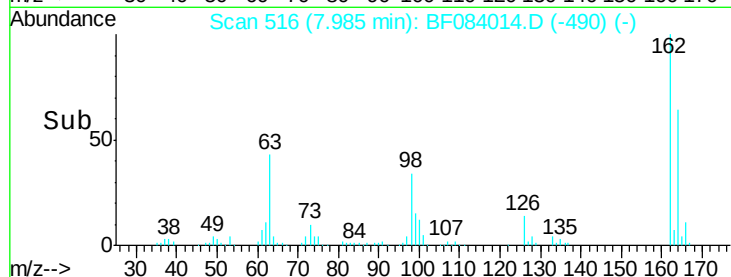
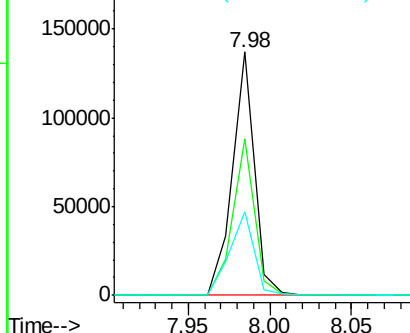
#29
 2,4-Dichlorophenol
 Concen: 49.59 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF084014.D
 Acq: 23 Dec 2015 3:21

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP209BRV46.5MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.1	84.1
98	34.1	20.2	60.2

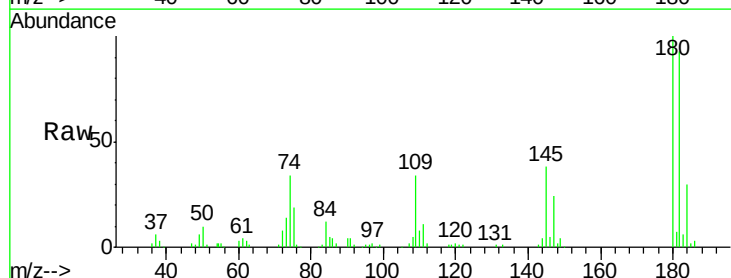


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

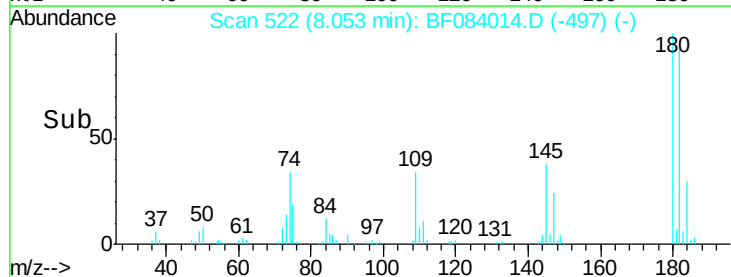
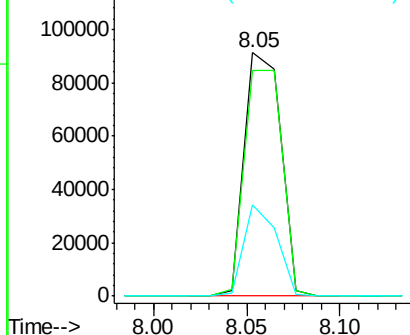


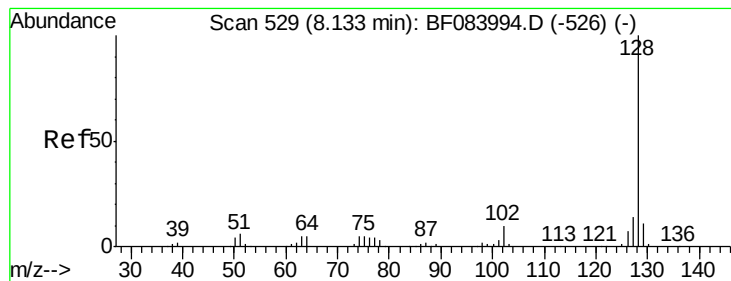
#30
 1,2,4-Trichlorobenzene
 Concen: 46.46 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF084014.D
 Acq: 23 Dec 2015 3:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	76.4	114.6
145	37.6	31.6	47.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.66 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5MS

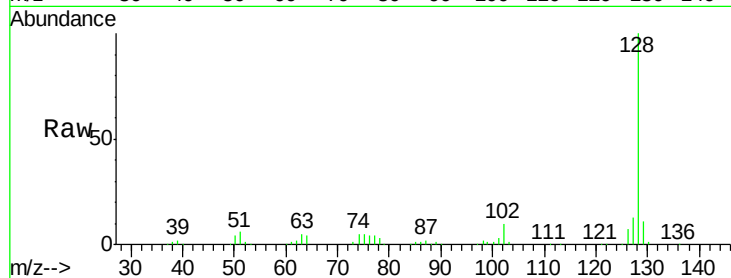
Tot Ion:128 Resp: 423862

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

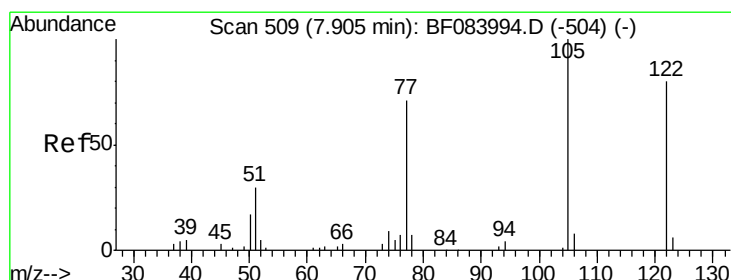
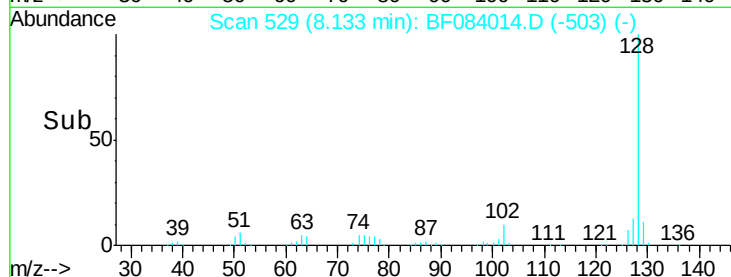
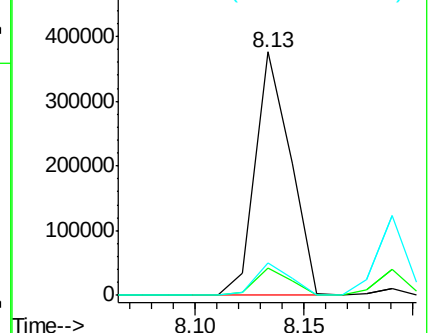
127 13.3 11.1 16.7



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: 17.51 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

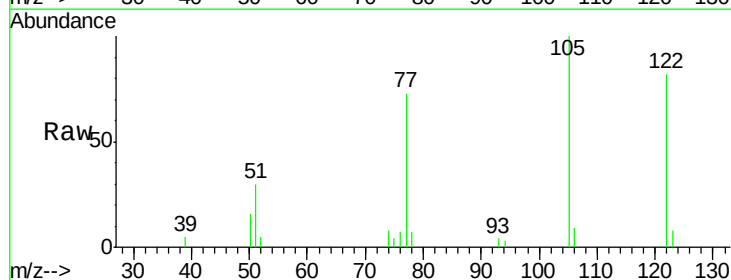
Tgt Ion:122 Resp: 18121

Ion Ratio Lower Upper

122 100

105 122.5 100.3 140.3

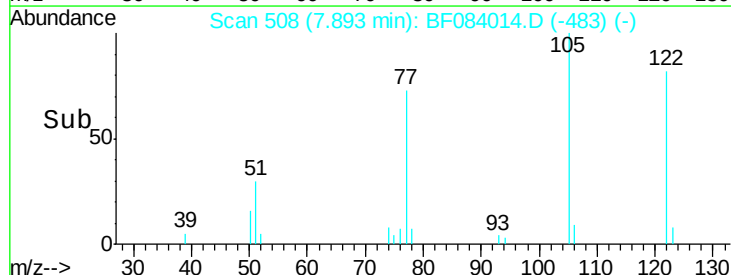
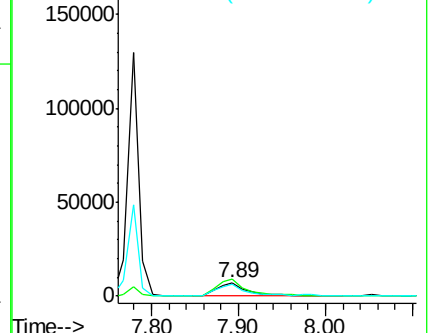
77 89.1 63.5 103.5

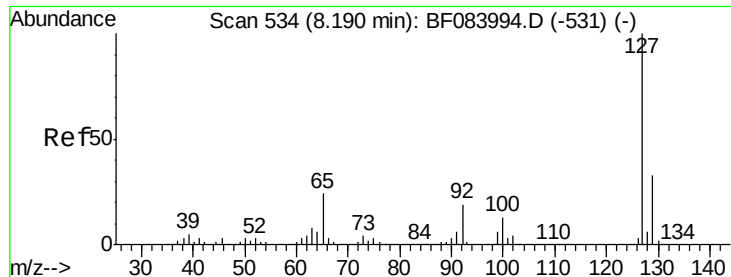


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

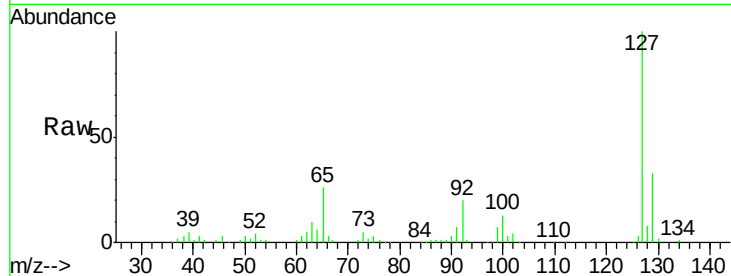




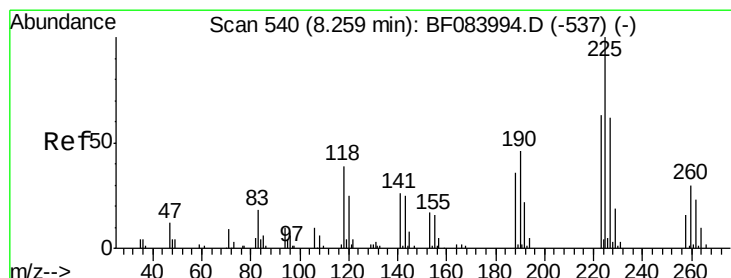
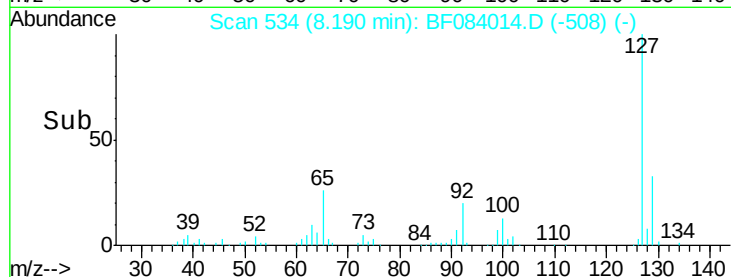
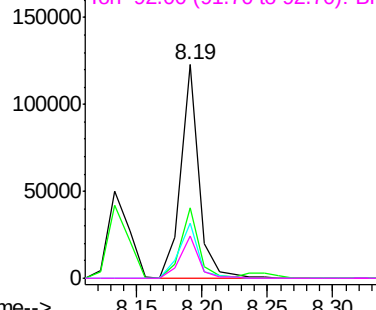
#33
4-Chloroaniline
Concen: 31.48 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MS

Tot Ion:	127	Resp:	119507
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.5	39.7
65	25.9	27.2	40.8
92	19.6	17.7	26.5

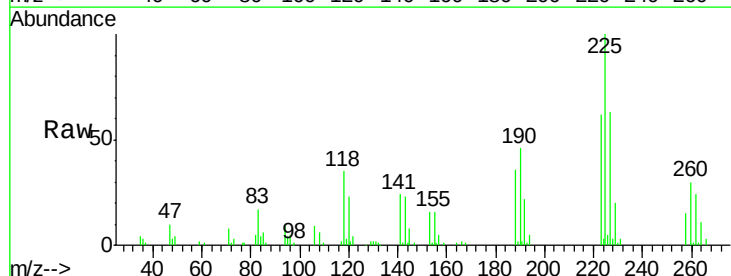


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

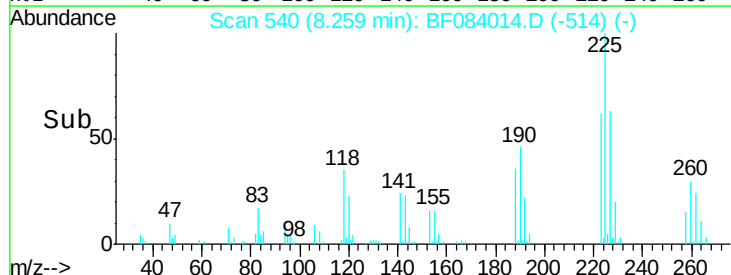
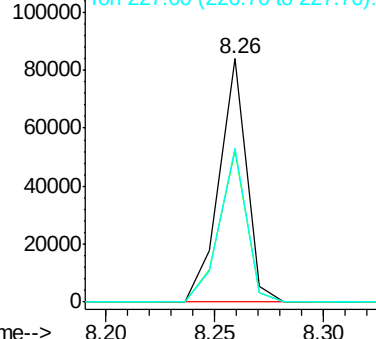


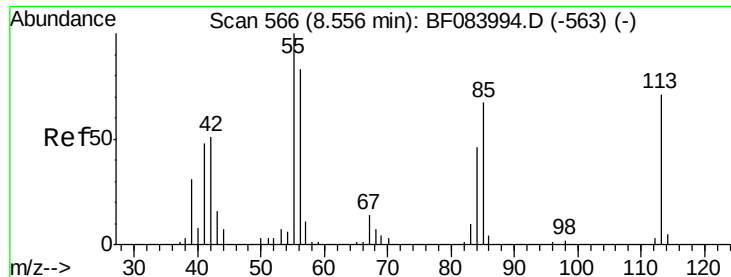
#34
Hexachlorobutadiene
Concen: 46.24 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

Tgt Ion:	225	Resp:	73651
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.4	74.0
227	63.0	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: 8.05 ng

RT: 8.57 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5MS

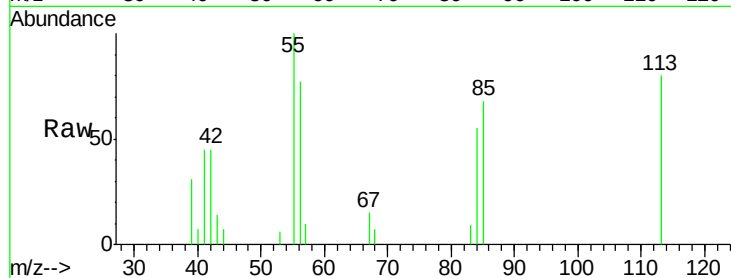
Tot Ion:113 Resp: 6182

Ion Ratio Lower Upper

113 100

55 124.9 116.9 156.9

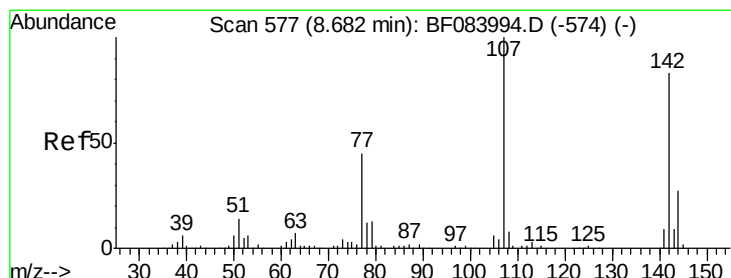
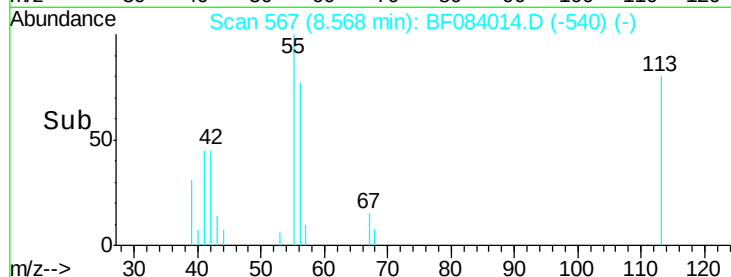
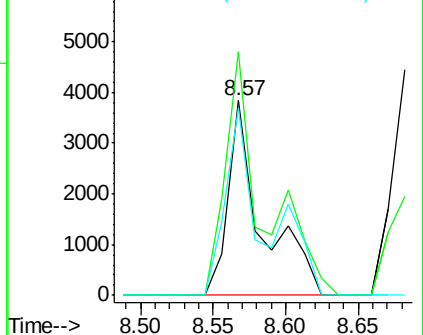
56 96.1 93.8 133.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 49.28 ng

RT: 8.68 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

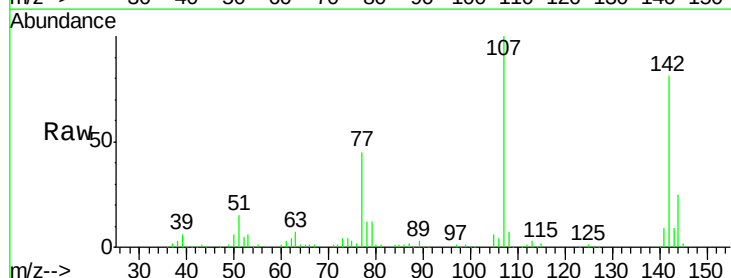
Tgt Ion:107 Resp: 134654

Ion Ratio Lower Upper

107 100

144 25.3 19.7 29.5

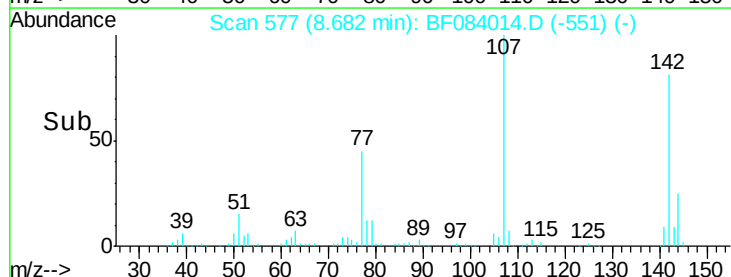
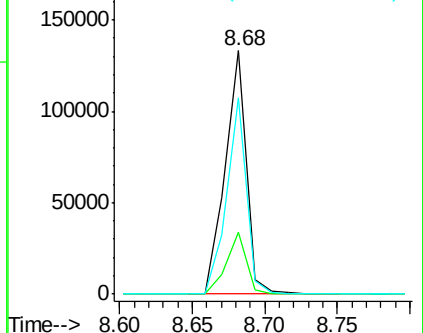
142 80.7 61.8 92.6

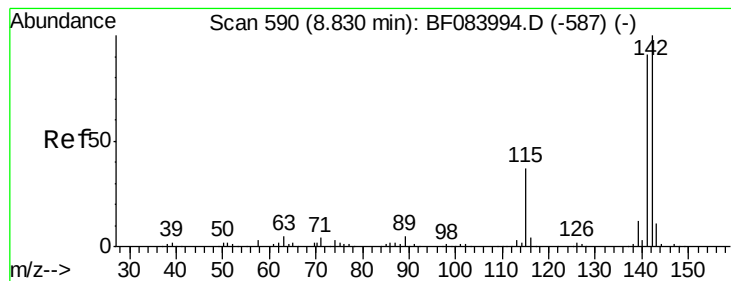


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 53.56 ng

RT: 8.83 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5MS

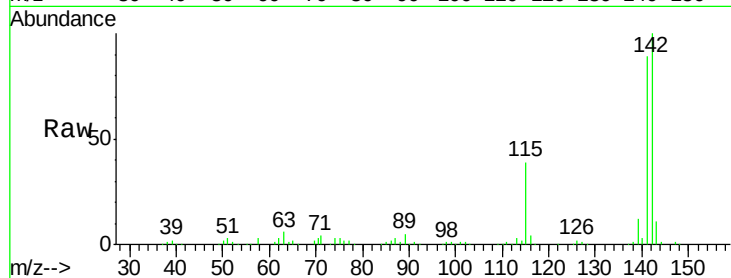
Tot Ion:142 Resp: 321938

Ion Ratio Lower Upper

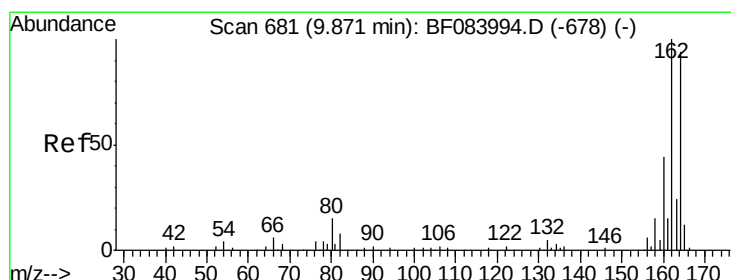
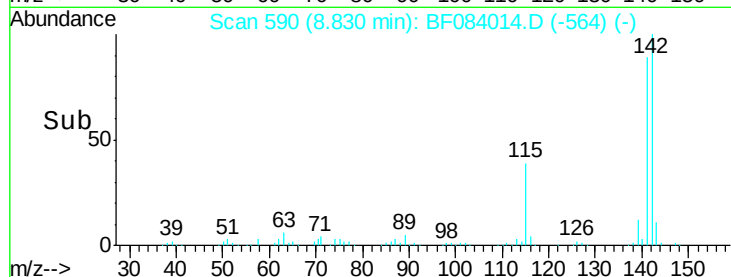
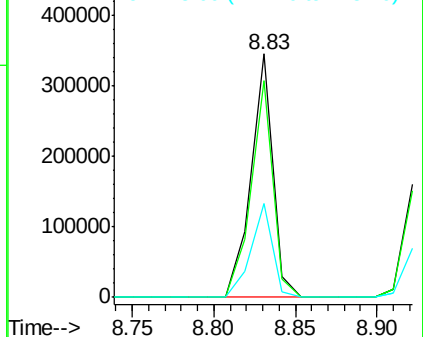
142 100

141 89.3 72.4 108.6

115 38.8 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: BF084014.D

Acq: 23 Dec 2015 3:21

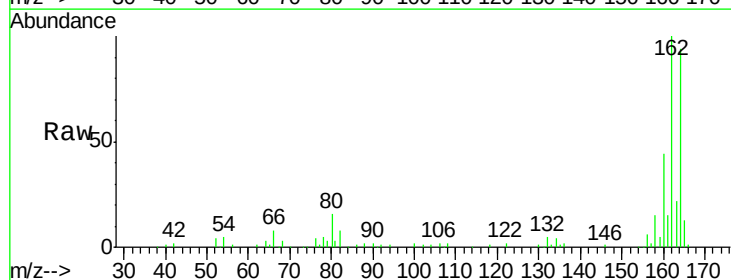
Tgt Ion:164 Resp: 90488

Ion Ratio Lower Upper

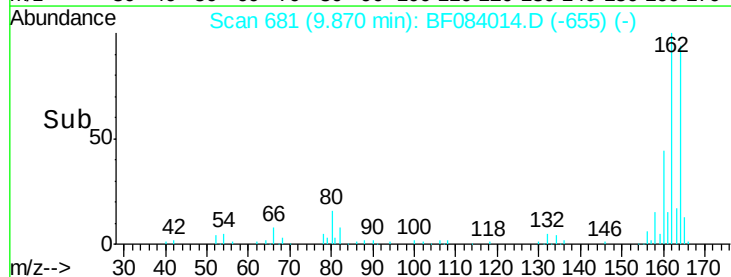
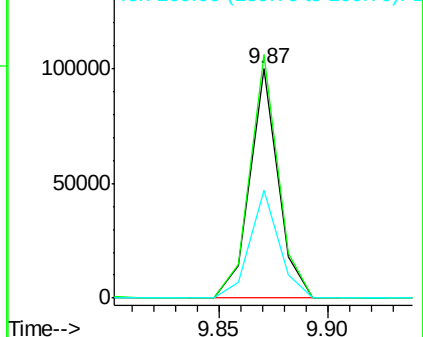
164 100

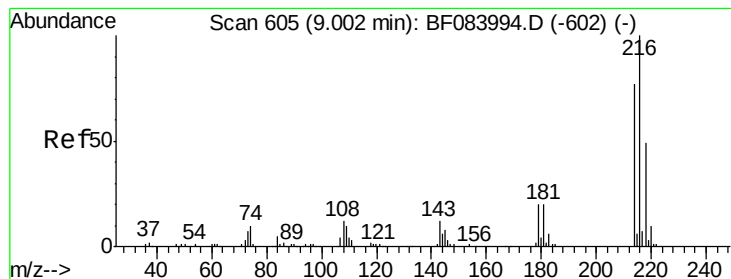
162 106.1 85.1 127.7

160 47.1 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: 51.25 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5MS

Tot Ion:216 Resp: 139415

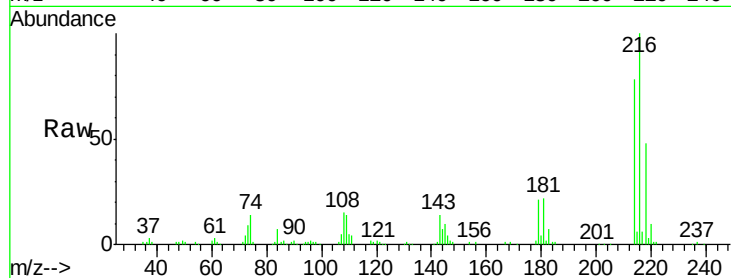
Ion Ratio Lower Upper

216 100

214 78.3 64.2 96.2

179 22.6 18.7 28.1

108 20.2 16.8 25.2

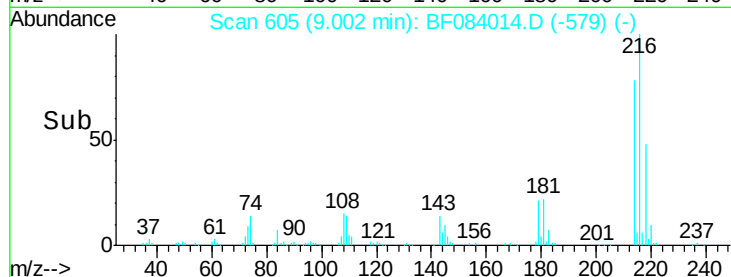


Abundance Ion 216.00 (215.70 to 216.70): E

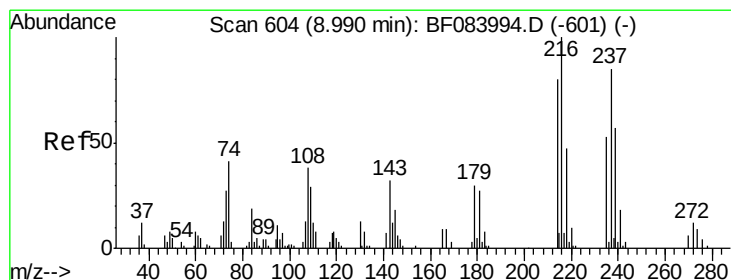
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 84.73 ng

RT: 8.99 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

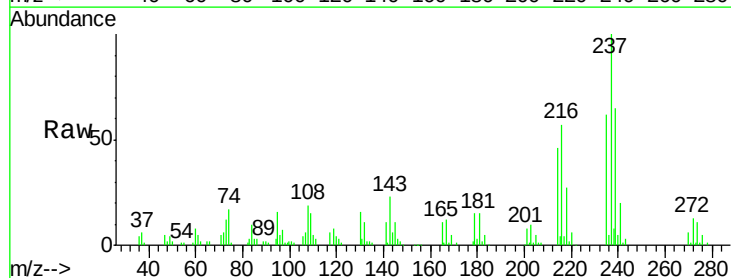
Tgt Ion:237 Resp: 73554

Ion Ratio Lower Upper

237 100

235 62.1 43.1 83.1

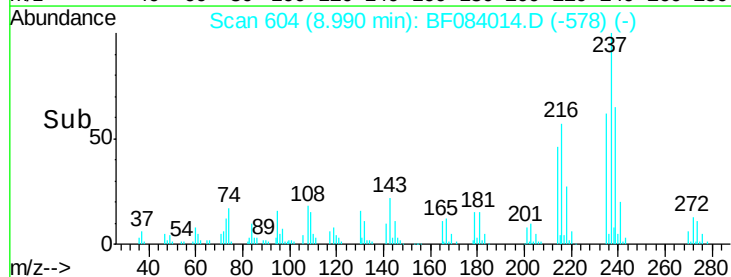
272 13.3 0.0 35.1



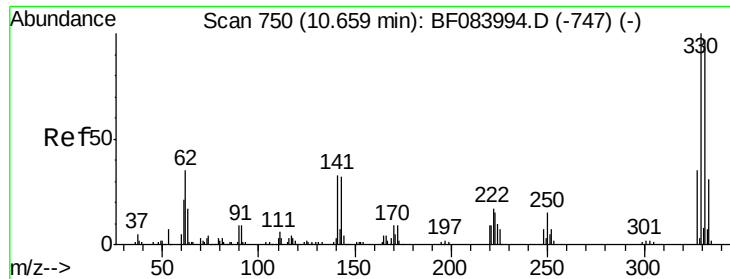
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



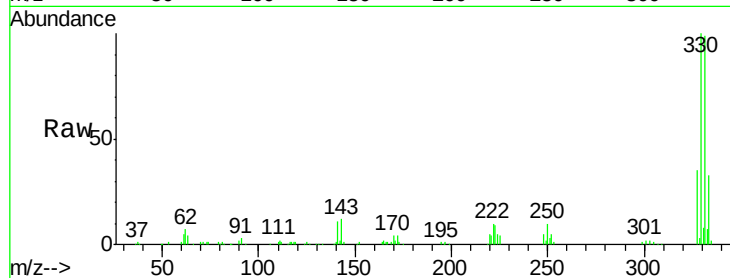
Time-->



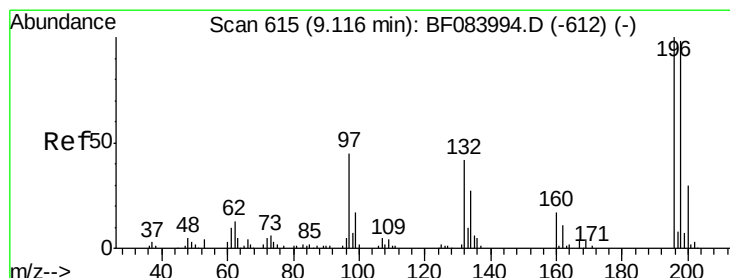
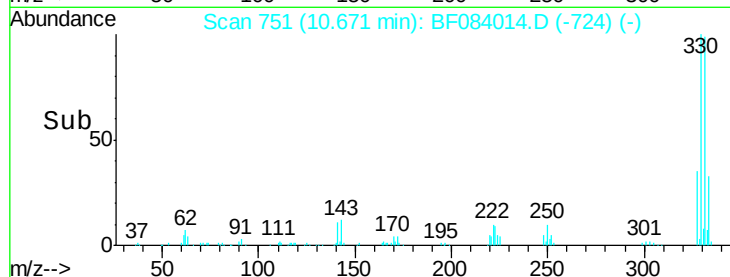
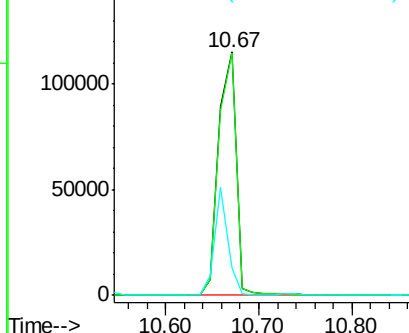
#41
 2,4,6-Tribromophenol
 Concen: 173.25 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.01 min
 Lab File: BF084014.D
 Acq: 23 Dec 2015 3:21

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP209BRV46.5MS

Tot Ion	330	332	141
Resp:	150789		
Ion Ratio	100	98.7	34.3
Lower		76.6	27.8
Upper		114.8	41.6

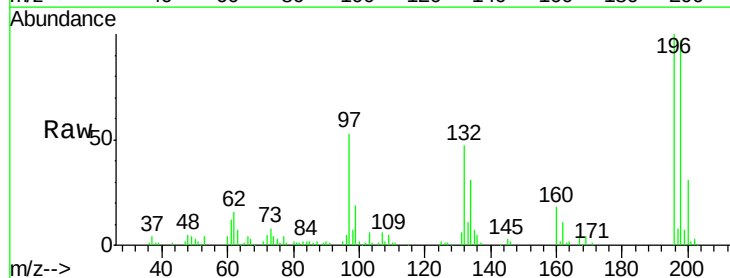


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

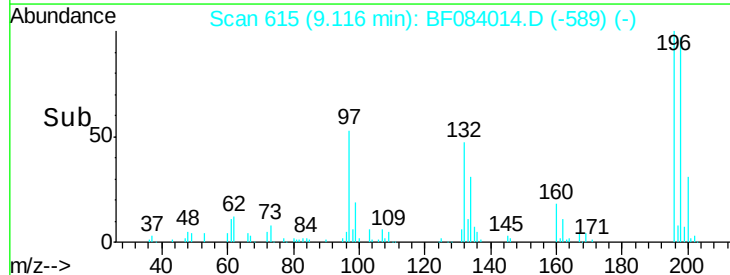
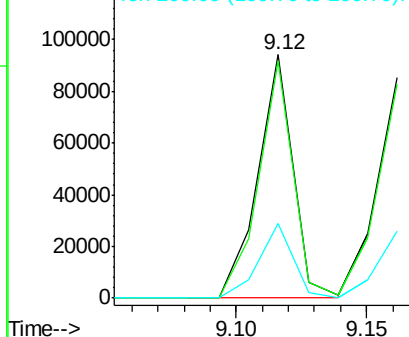


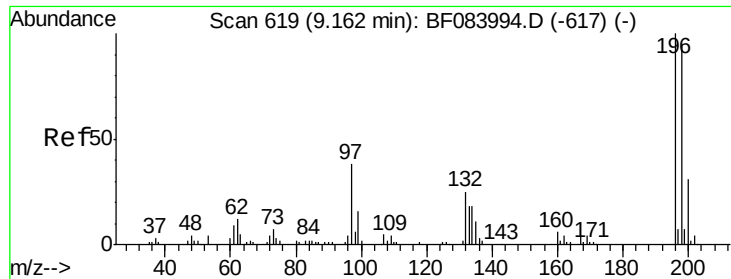
#42
 2,4,6-Trichlorophenol
 Concen: 53.59 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF084014.D
 Acq: 23 Dec 2015 3:21

Tgt Ion	196	198	200
Resp:	87789		
Ion Ratio	100	97.4	30.6
Lower		77.7	24.6
Upper		116.5	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

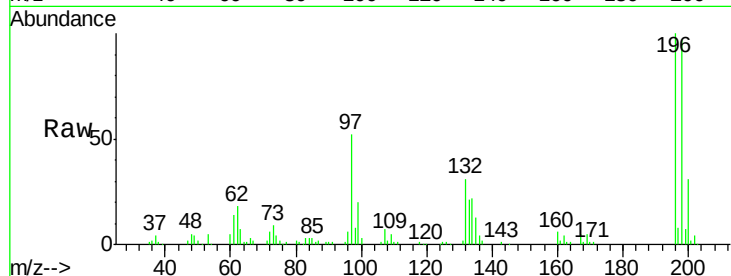




#43
 2,4,5-Trichlorophenol
 Concen: 52.21 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084014.D
 Acq: 23 Dec 2015 3:21

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP209BRV46.5MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	79.0	118.6
97	52.4	33.0	49.6
132	30.9	21.1	31.7



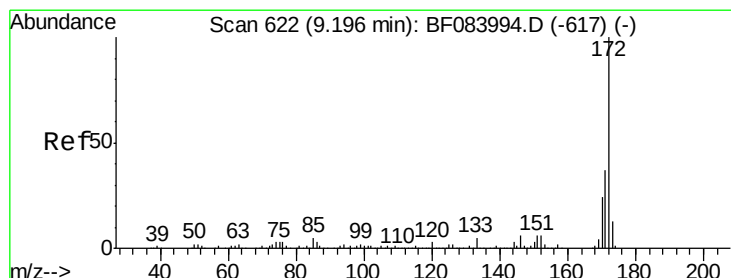
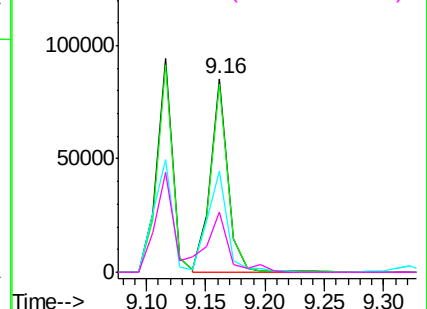
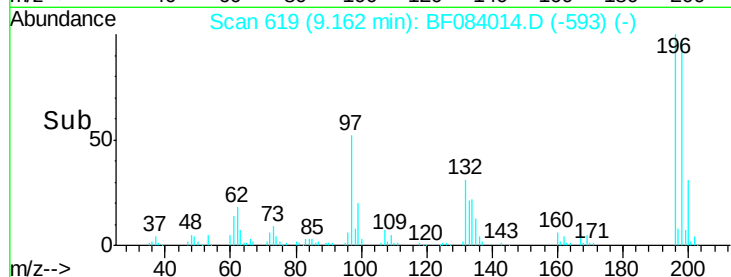
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

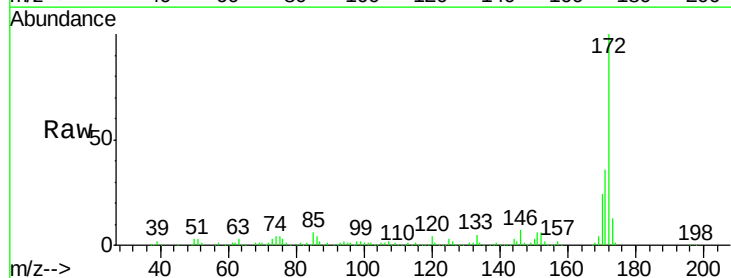
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.73 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084014.D
 Acq: 23 Dec 2015 3:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	23.9	18.6	27.8

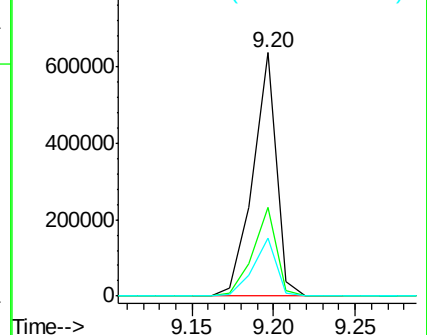
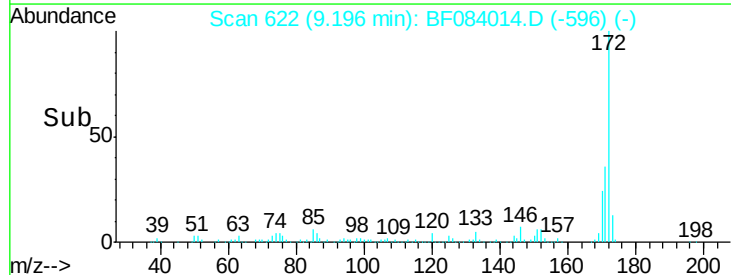


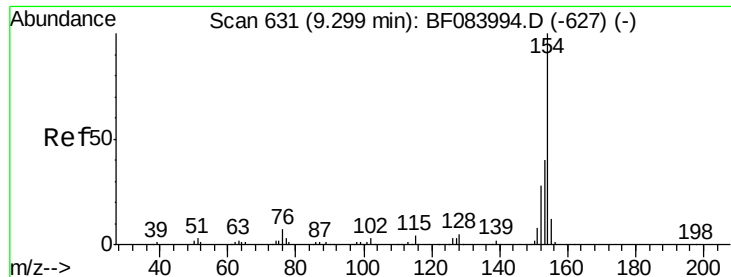
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 49.59 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5MS

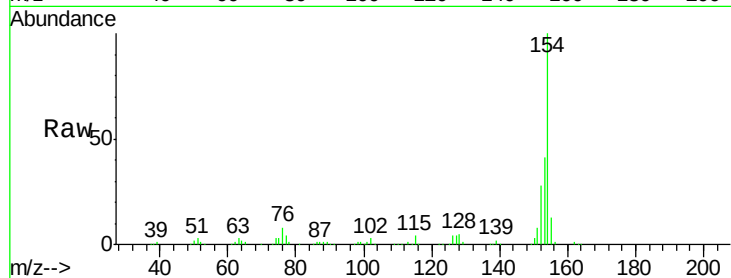
Tot Ion:154 Resp: 396703

Ion Ratio Lower Upper

154 100

153 40.6 21.6 61.6

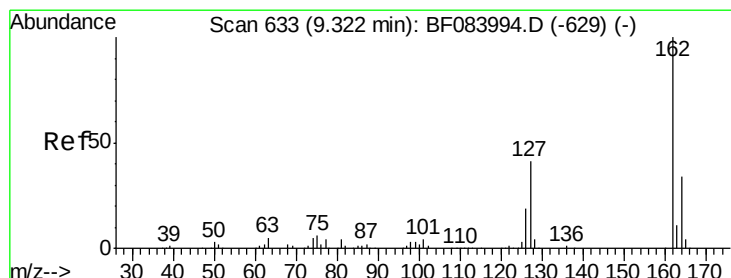
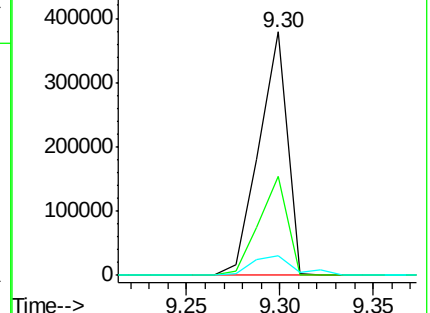
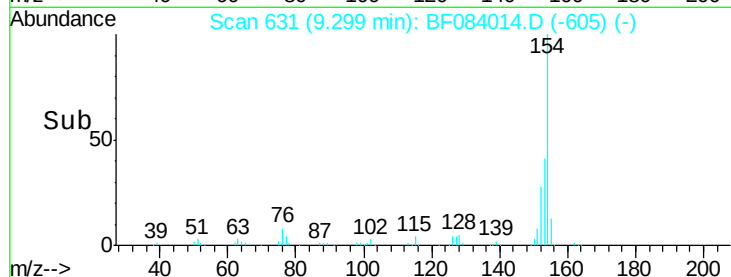
76 7.9 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 52.61 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

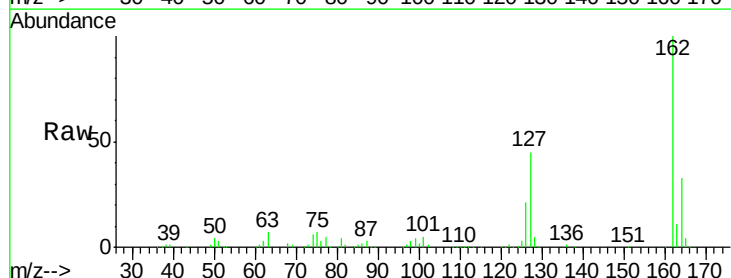
Tgt Ion:162 Resp: 302941

Ion Ratio Lower Upper

162 100

127 45.3 40.2 60.4

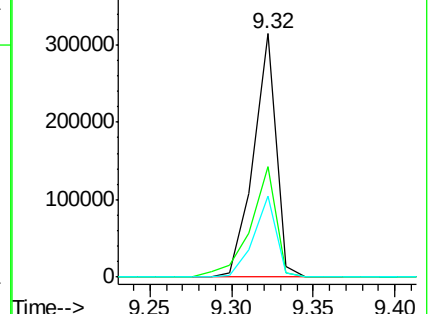
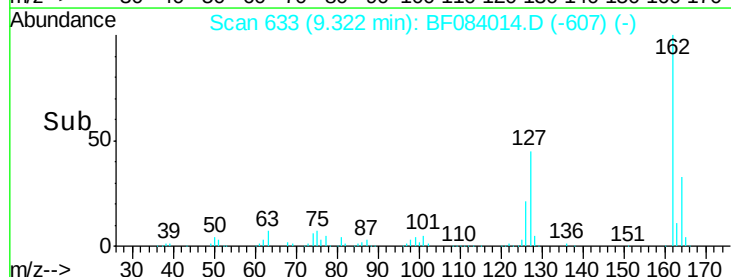
164 33.2 25.7 38.5

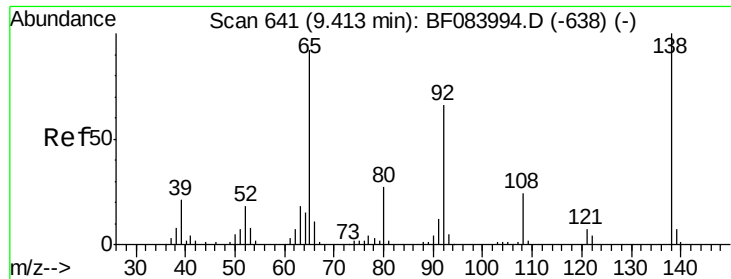


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

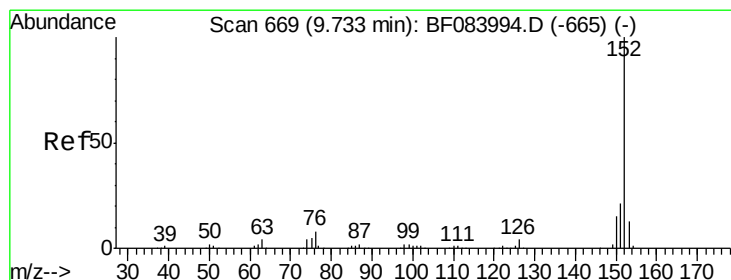
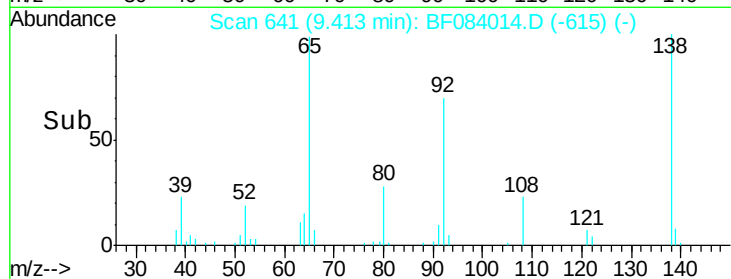
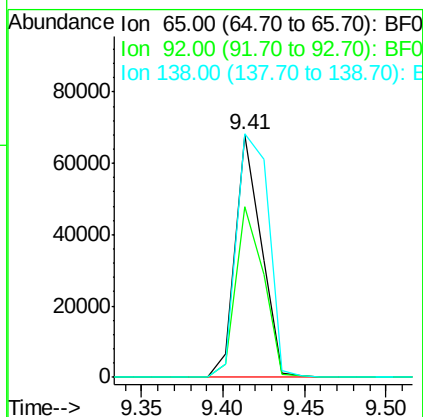
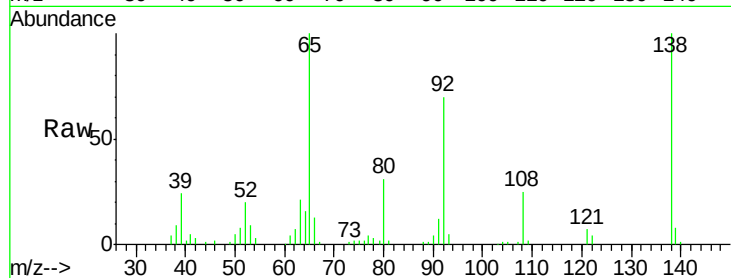




#47
2-Nitroaniline
Concen: 47.57 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

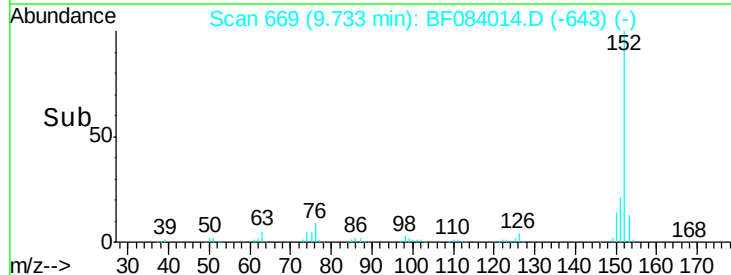
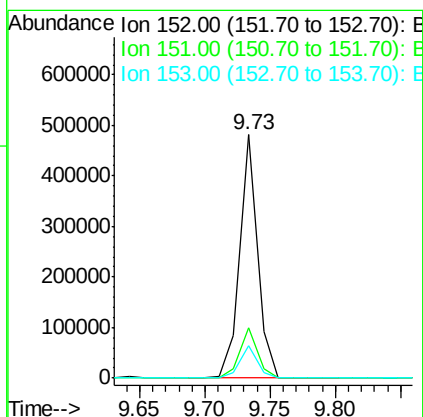
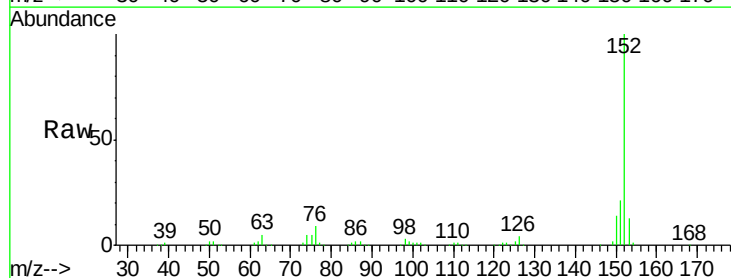
Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MS

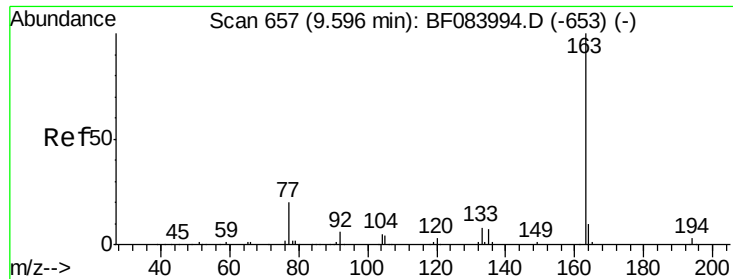
Tot Ion: 65 Resp: 74673
Ion Ratio Lower Upper
65 100
92 70.3 53.4 80.2
138 100.3 71.1 106.7



#48
Acenaphthylene
Concen: 49.83 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

Tgt Ion: 152 Resp: 454408
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.3 10.4 15.6

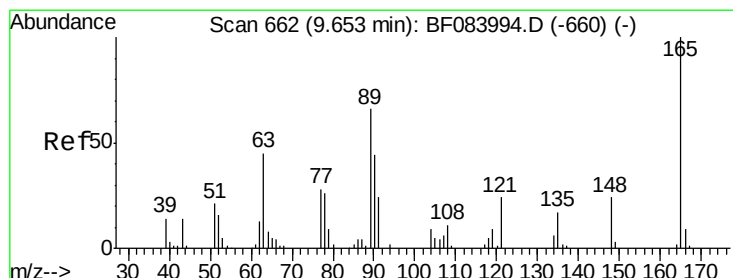
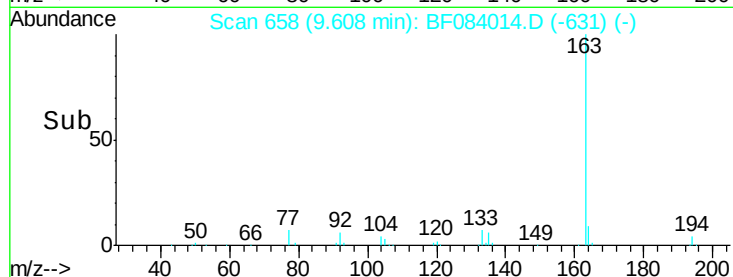
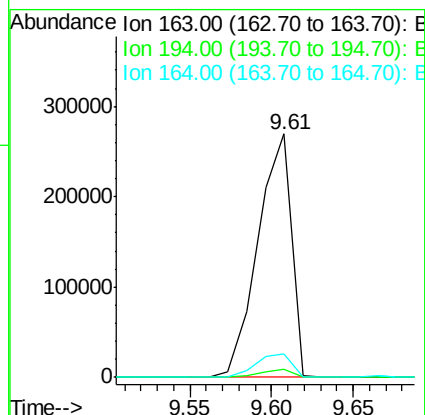
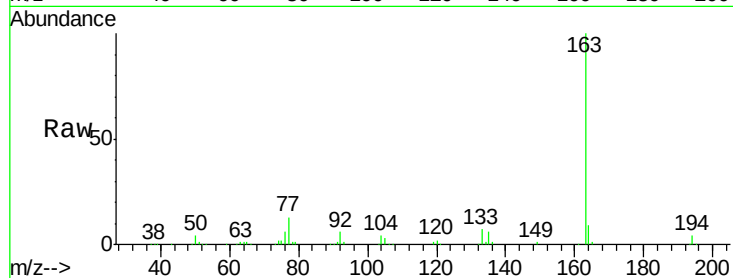




#49
Dimethylphthalate
Concen: 54.19 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.01 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

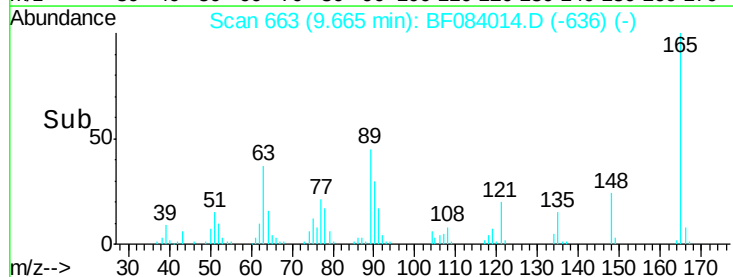
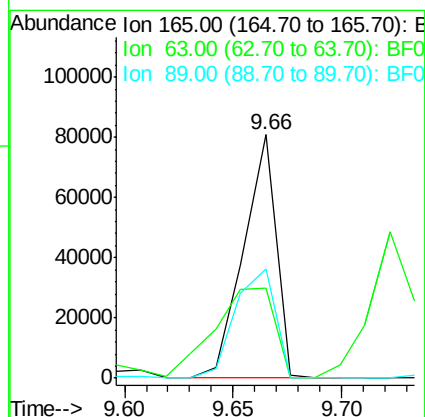
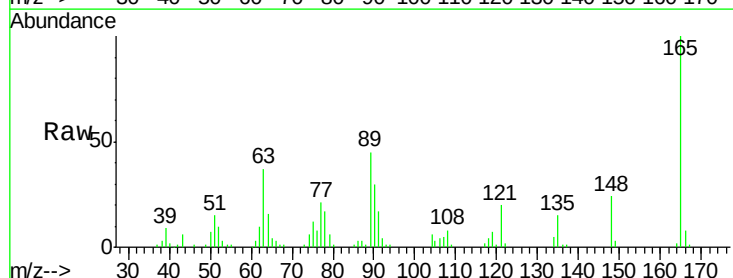
Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MS

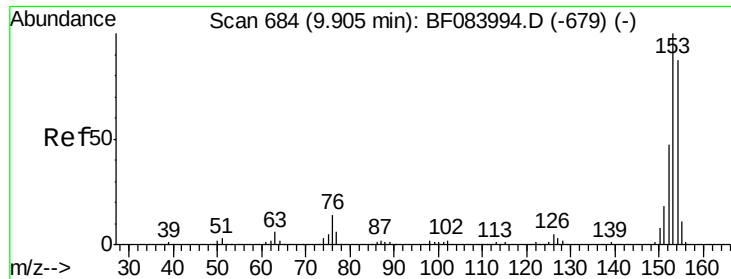
Tot Ion:163 Resp: 383736
Ion Ratio Lower Upper
163 100
194 3.5 8.0 12.0#
164 9.5 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 56.58 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.01 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

Tgt Ion:165 Resp: 84550
Ion Ratio Lower Upper
165 100
63 37.0 28.8 43.2
89 44.8 35.1 52.7

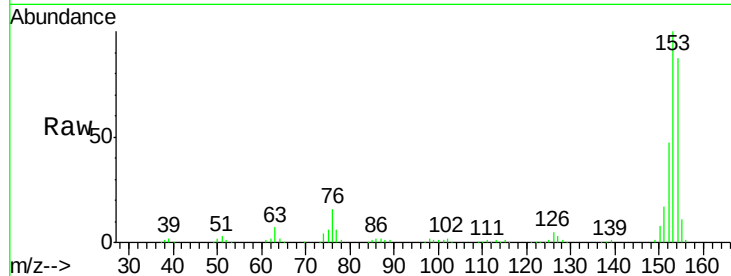




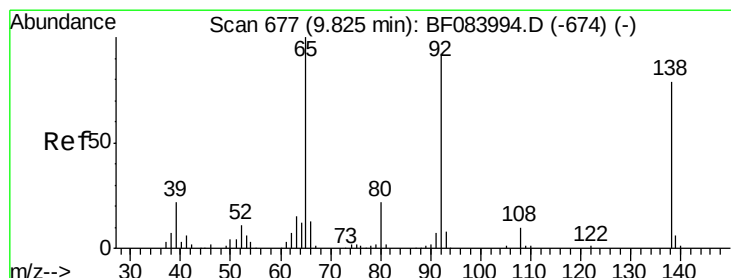
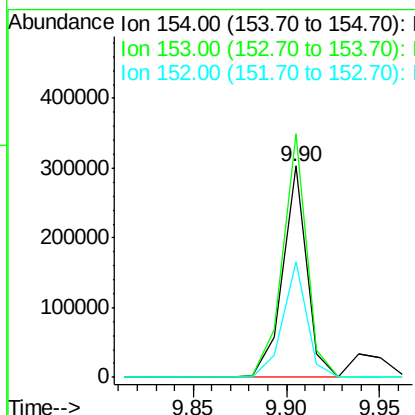
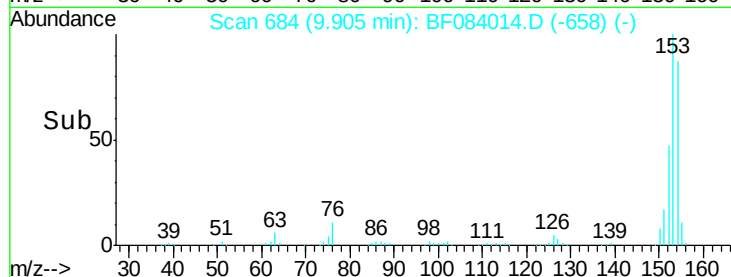
#51
Acenaphthene
Concen: 50.17 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MS

Tot Ion:154 Resp: 272026
Ion Ratio Lower Upper
154 100
153 115.2 91.5 137.3
152 54.7 43.0 64.6

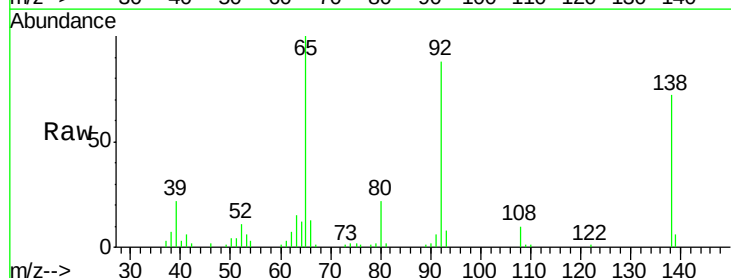


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

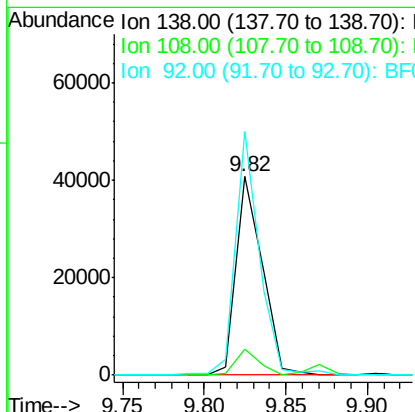
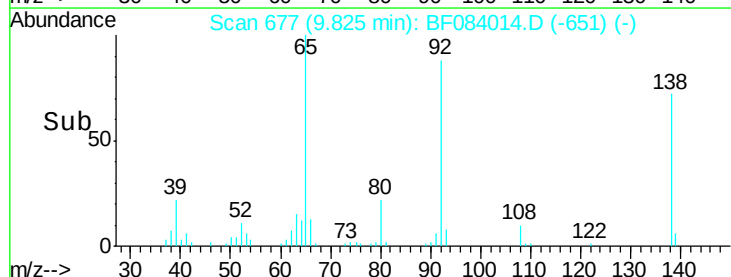


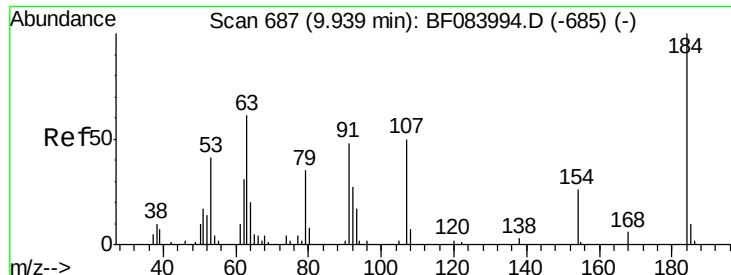
#52
3-Nitroaniline
Concen: 28.24 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

Tgt Ion:138 Resp: 44817
Ion Ratio Lower Upper
138 100
108 13.4 10.5 15.7
92 122.8 103.9 155.9



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

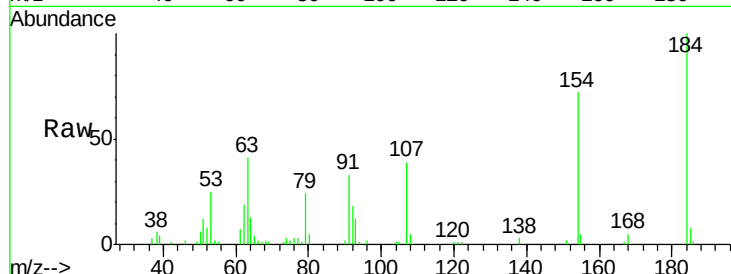




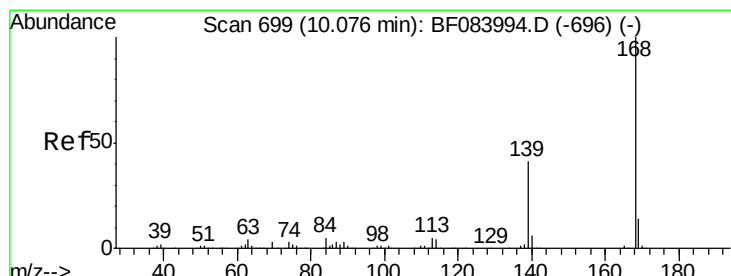
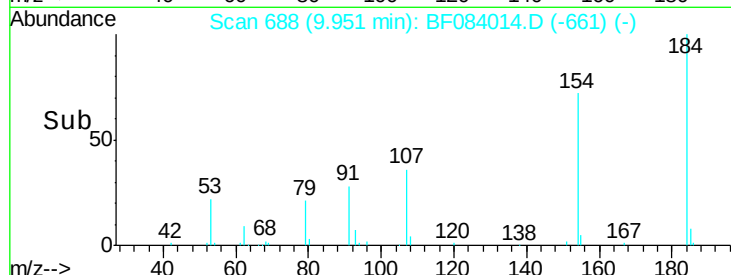
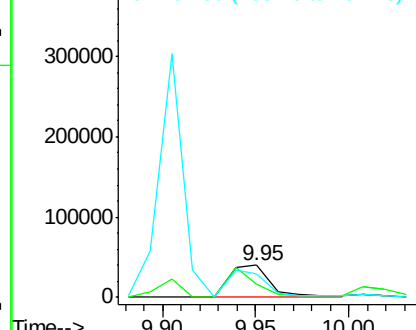
#53
2,4-Dinitrophenol
Concen: 95.72 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MS

Tot Ion:184 Resp: 62323
Ion Ratio Lower Upper
184 100
63 40.6 43.1 64.7#
154 71.8 60.5 90.7

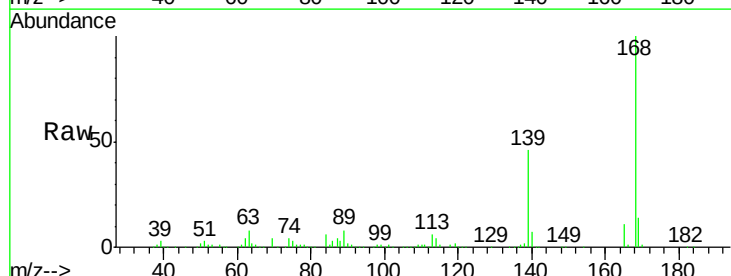


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

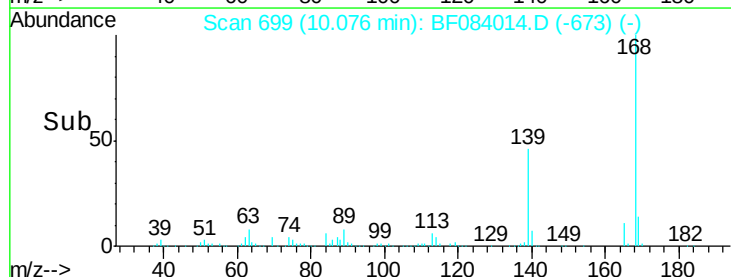
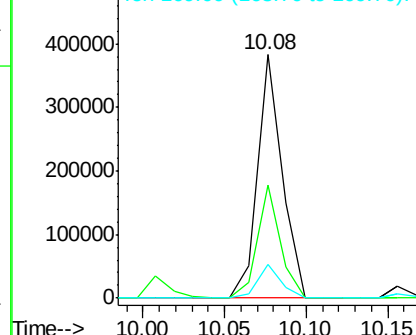


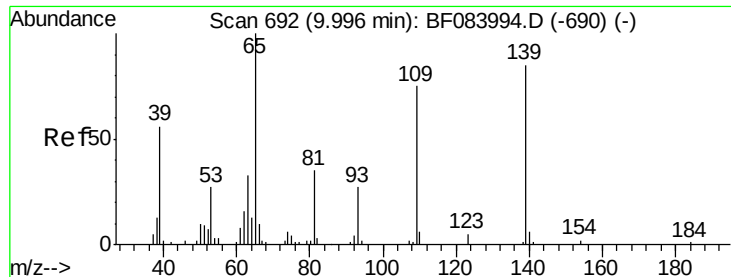
#54
Dibenzofuran
Concen: 49.48 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

Tgt Ion:168 Resp: 401585
Ion Ratio Lower Upper
168 100
139 46.2 30.5 45.7#
169 13.8 10.4 15.6



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

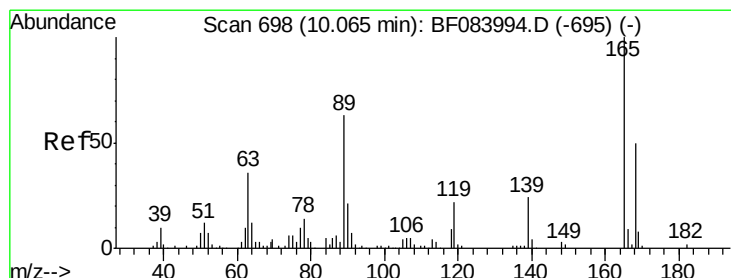
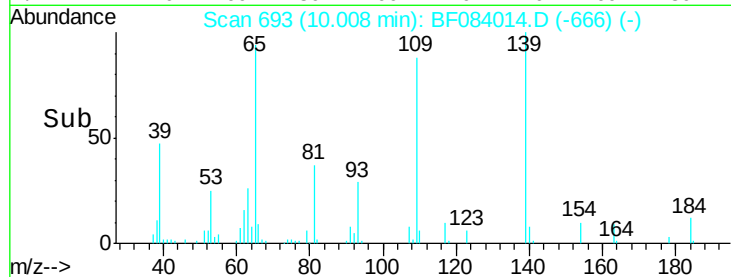
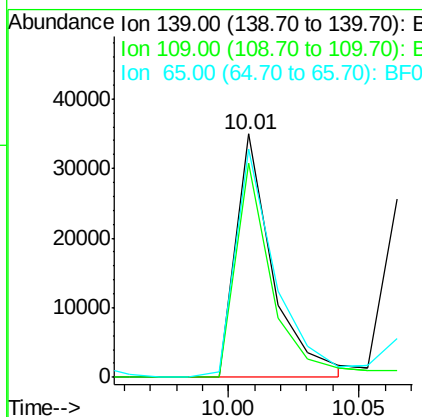
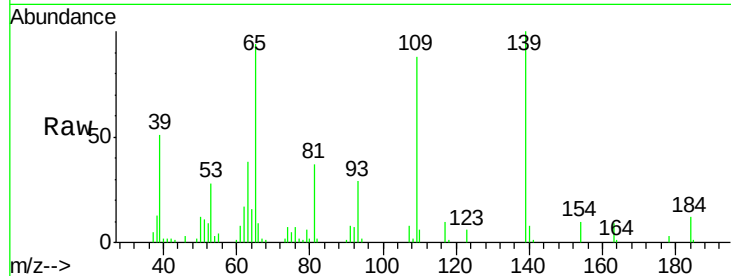




#55
4-Nitrophenol
Concen: 37.14 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

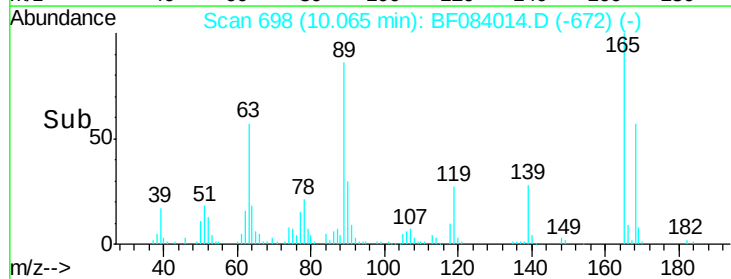
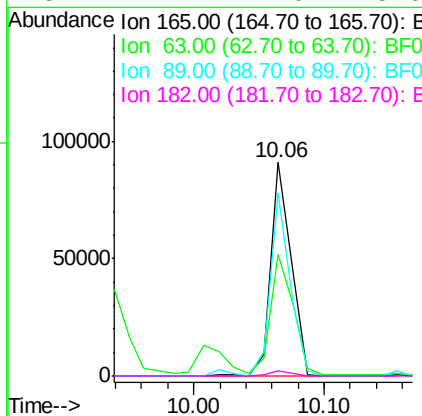
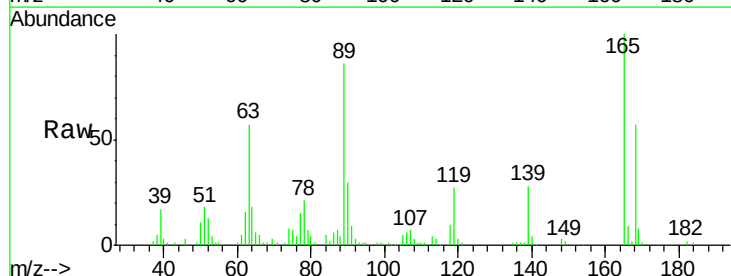
Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MS

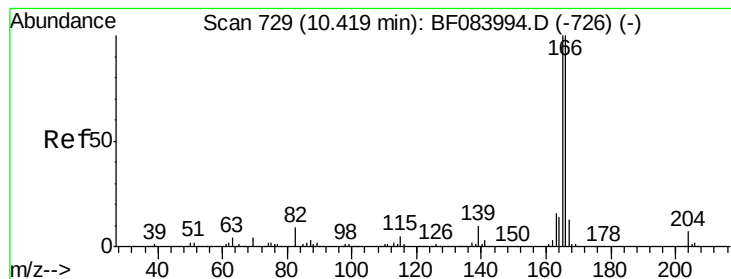
Tot Ion:139 Resp: 34643
Ion Ratio Lower Upper
139 100
109 88.1 58.5 98.5
65 94.0 57.6 97.6



#56
2,4-Dinitrotoluene
Concen: 53.14 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

Tgt Ion:165 Resp: 99830
Ion Ratio Lower Upper
165 100
63 56.7 36.7 55.1#
89 85.5 61.9 92.9
182 2.2 2.0 3.0





#57

Fluorene

Concen: 49.31 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5MS

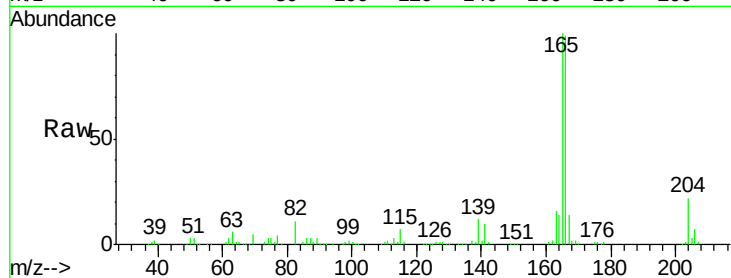
Tot Ion:166 Resp: 317099

Ion Ratio Lower Upper

166 100

165 101.3 79.1 118.7

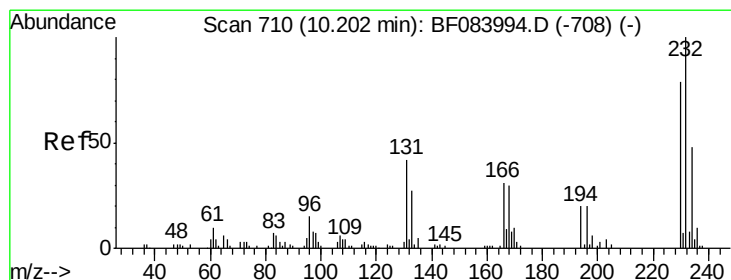
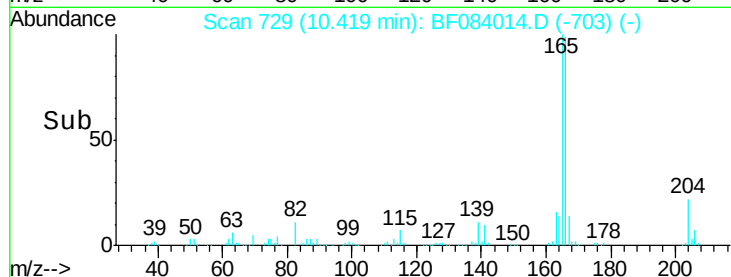
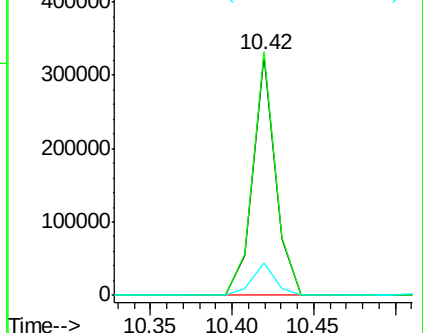
167 13.7 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 54.48 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Tgt Ion:232 Resp: 73241

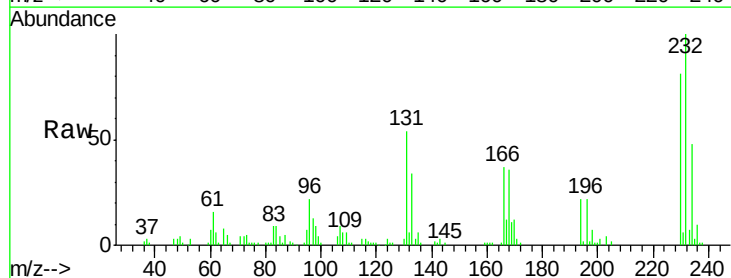
Ion Ratio Lower Upper

232 100

131 57.0 47.0 70.6

130 2.7 2.0 3.0

166 36.4 30.5 45.7

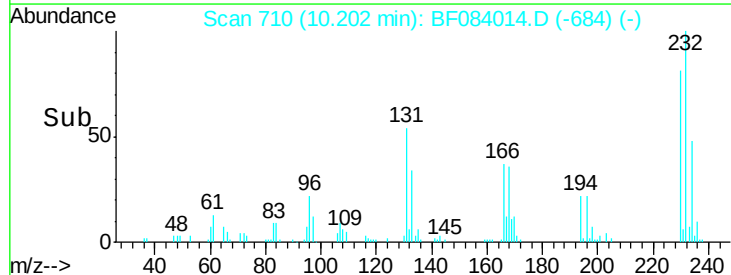
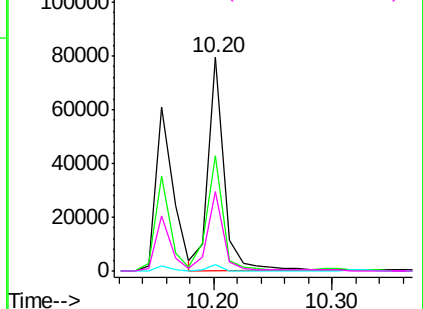


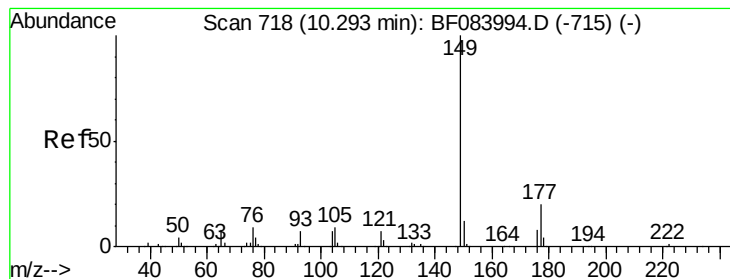
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 53.88 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5MS

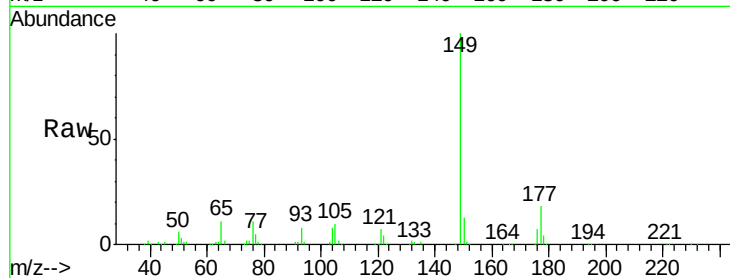
Tot Ion:149 Resp: 374914

Ion Ratio Lower Upper

149 100

177 18.5 17.3 25.9

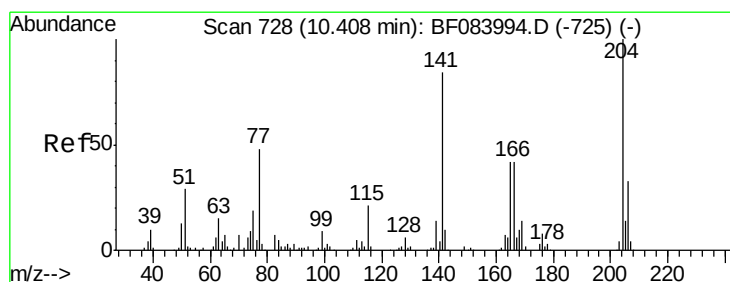
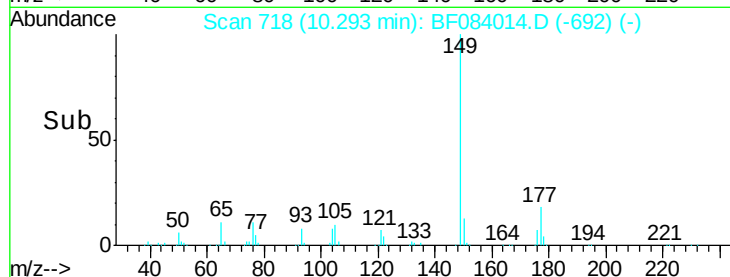
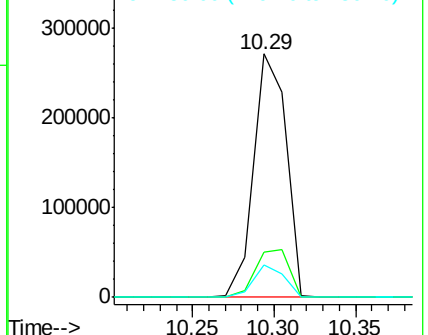
150 13.2 9.8 14.8



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: 49.78 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

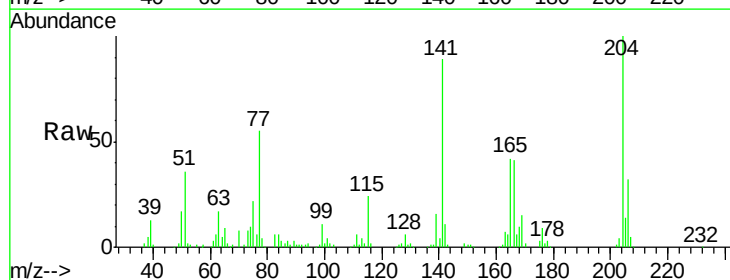
Tgt Ion:204 Resp: 146681

Ion Ratio Lower Upper

204 100

206 31.9 25.7 38.5

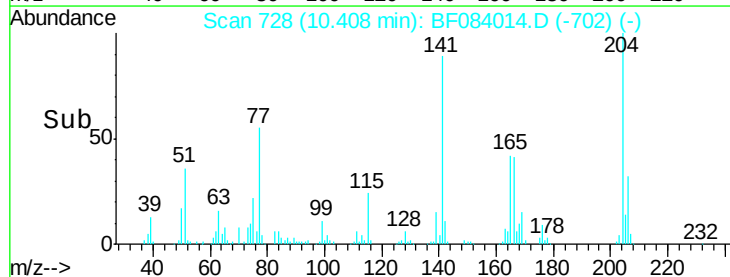
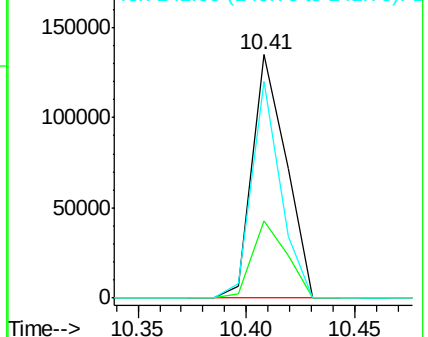
141 89.1 55.1 82.7#

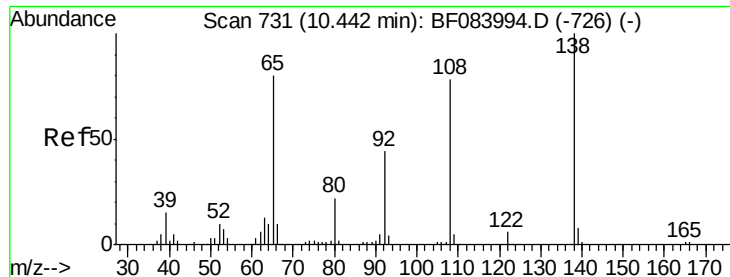


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.68 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5MS

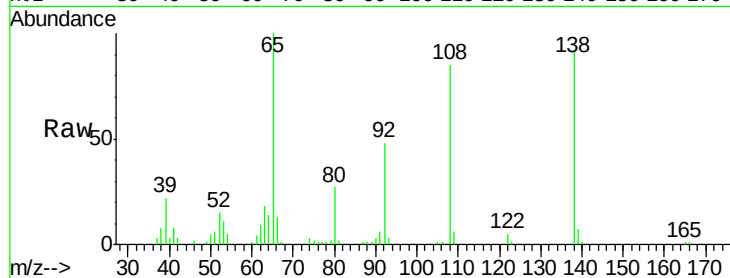
Tot Ion:138 Resp: 64427

Ion Ratio Lower Upper

138 100

92 51.8 32.6 72.6

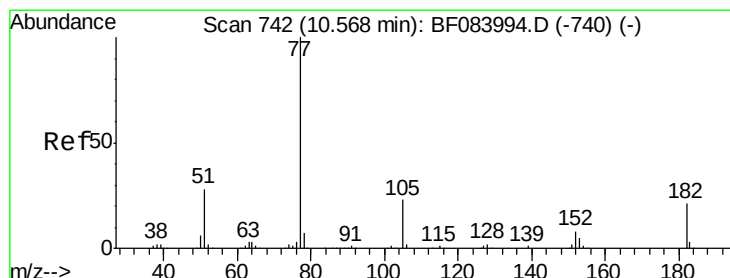
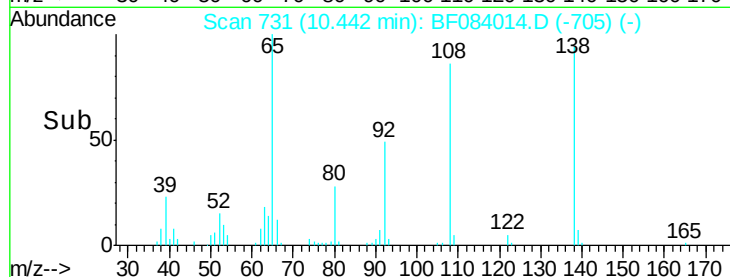
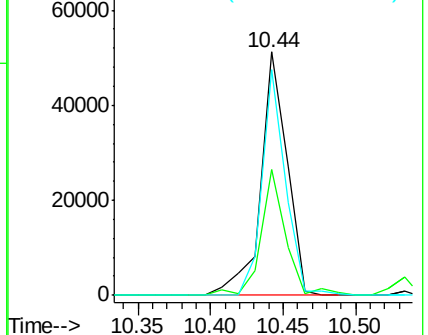
108 92.8 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 55.41 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Tgt Ion: 77 Resp: 340455

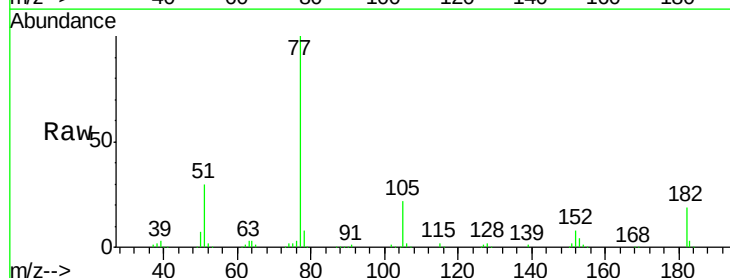
Ion Ratio Lower Upper

77 100

182 18.6 8.3 48.3

105 22.1 4.6 44.6

51 30.1 6.2 46.2

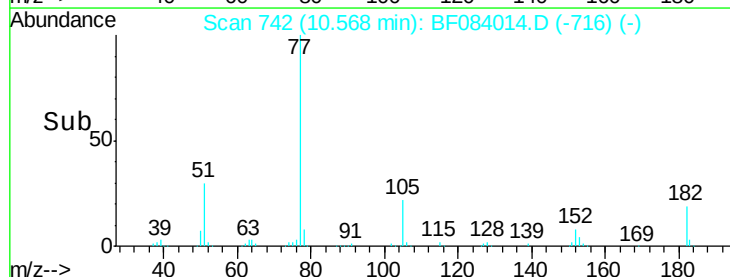
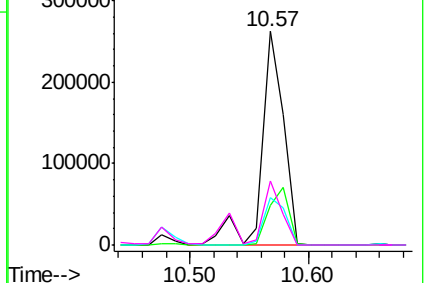


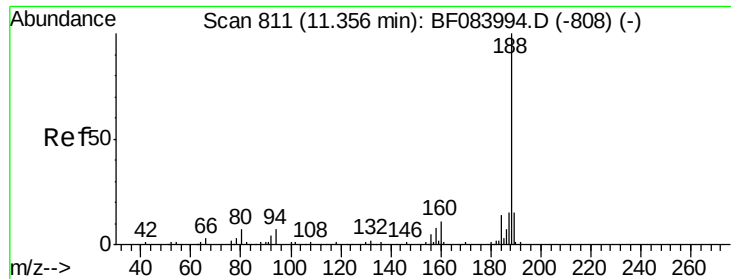
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

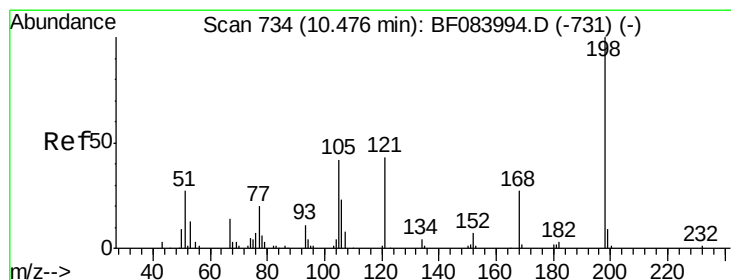
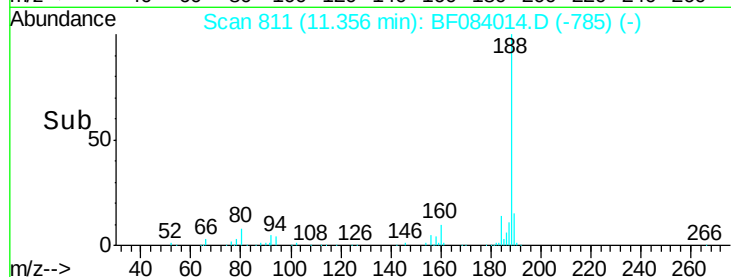
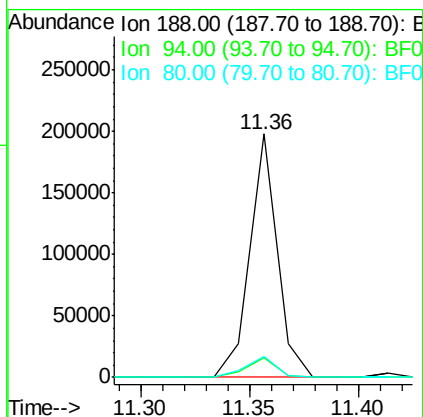
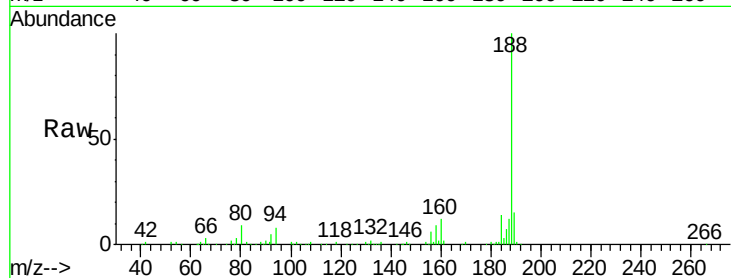




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

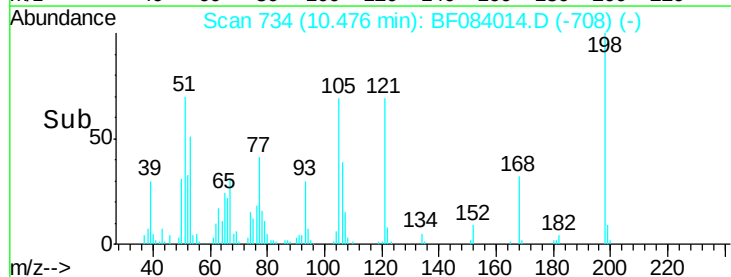
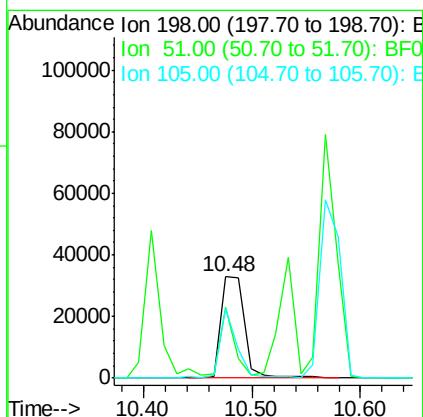
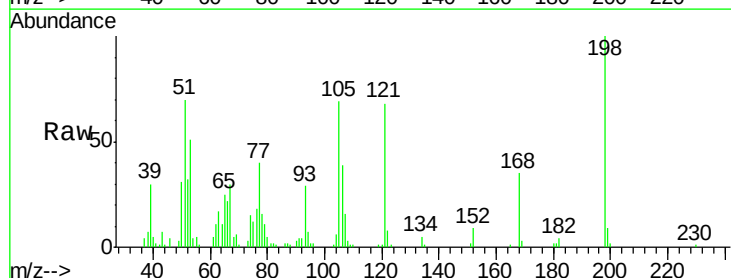
Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MS

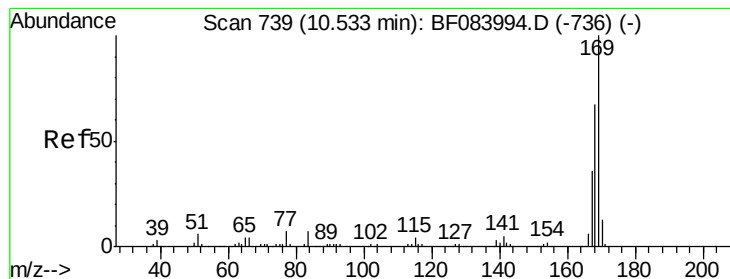
Tot Ion:188 Resp: 173487
Ion Ratio Lower Upper
188 100
94 8.1 9.0 13.4#
80 8.7 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 48.68 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

Tgt Ion:198 Resp: 49369
Ion Ratio Lower Upper
198 100
51 69.6 18.9 58.9#
105 68.6 26.4 66.4#





#65

n-Nitrosodiphenylamine

Concen: 47.55 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5MS

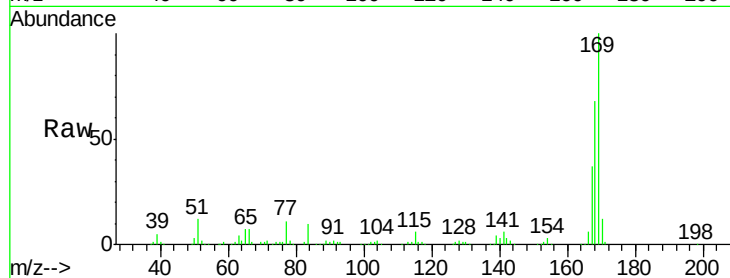
Tot Ion:169 Resp: 304658

Ion Ratio Lower Upper

169 100

168 67.9 55.1 82.7

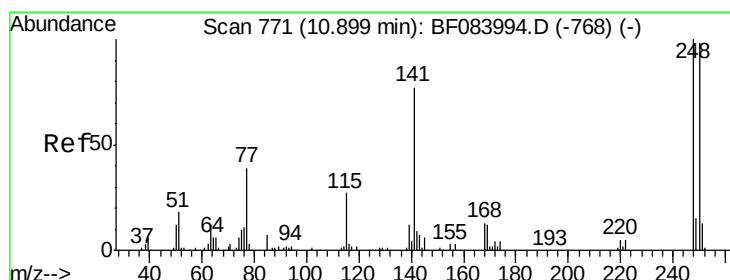
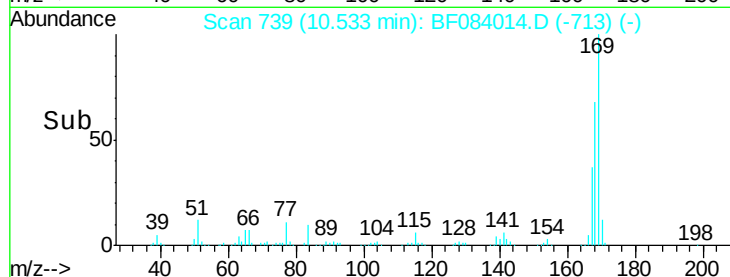
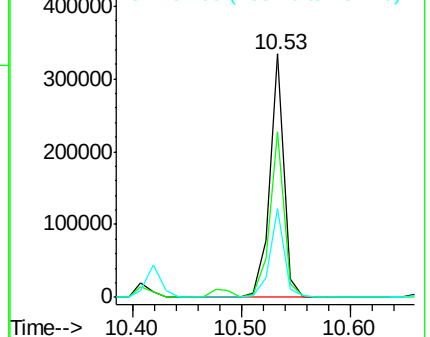
167 36.6 30.0 45.0



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: 48.35 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

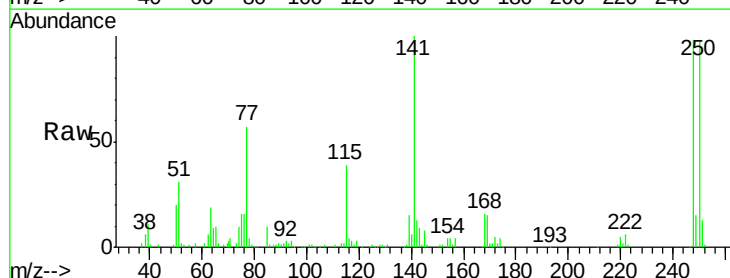
Tgt Ion:248 Resp: 96179

Ion Ratio Lower Upper

248 100

250 100.0 78.4 117.6

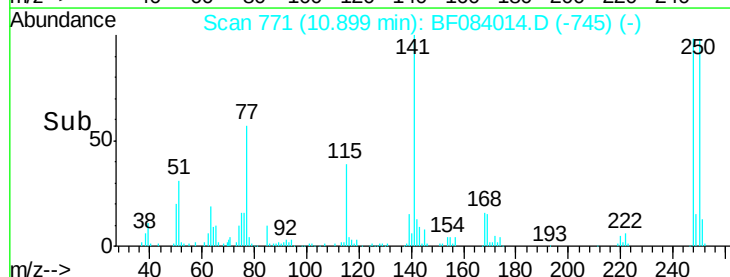
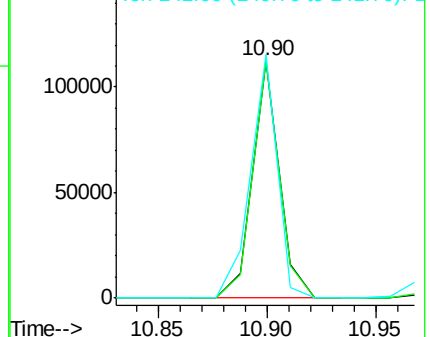
141 102.4 44.0 66.0#

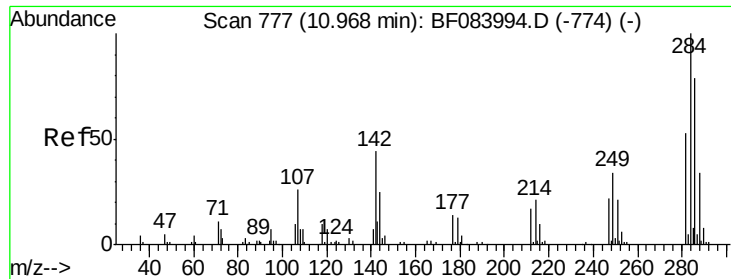


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 48.86 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5MS

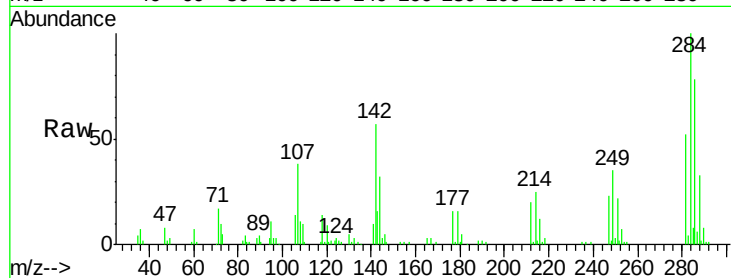
Tot Ion:284 Resp: 106089

Ion Ratio Lower Upper

284 100

142 56.7 22.2 33.4#

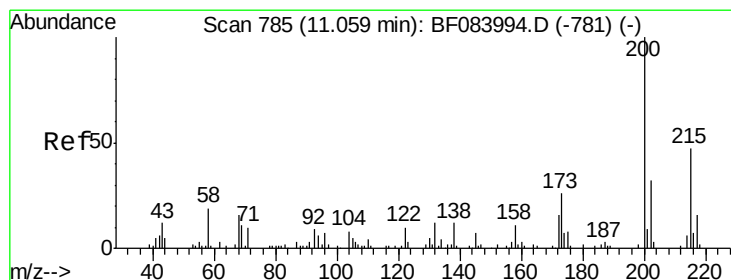
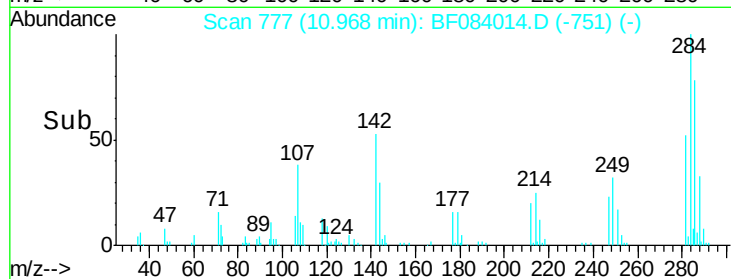
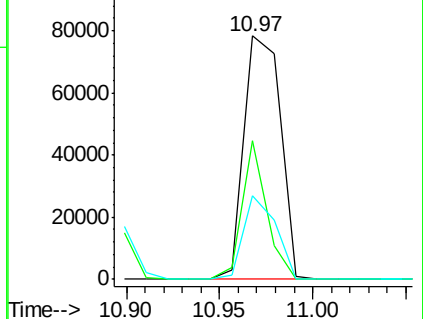
249 34.5 24.6 37.0



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: 46.67 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

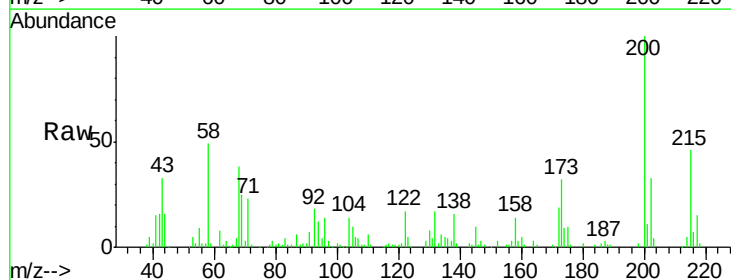
Tgt Ion:200 Resp: 90409

Ion Ratio Lower Upper

200 100

173 31.7 9.5 49.5

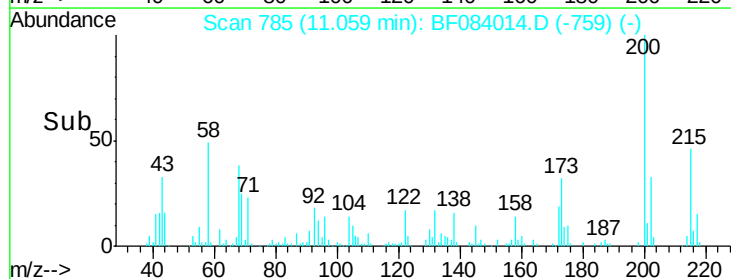
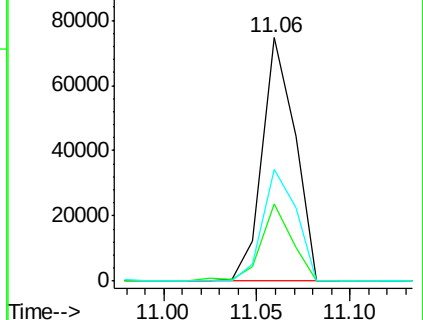
215 45.9 23.8 63.8

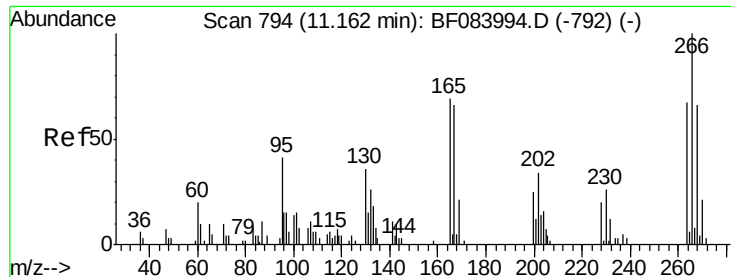


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

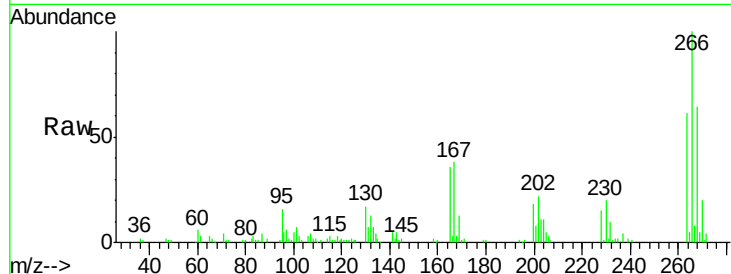




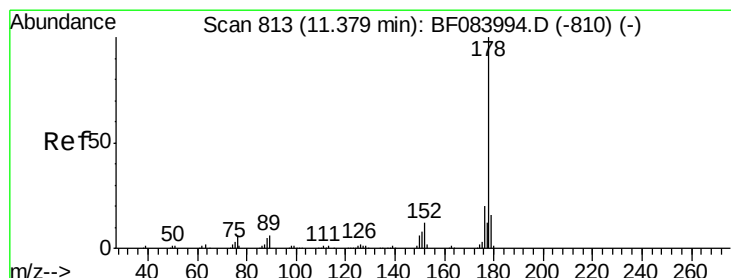
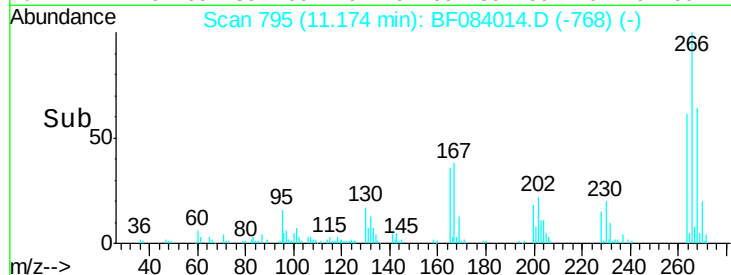
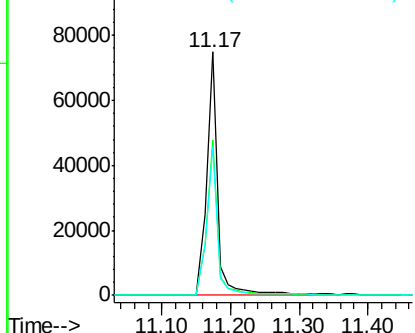
#69
 Pentachlorophenol
 Concen: 104.07 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF084014.D
 Acq: 23 Dec 2015 3:21

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP209BRV46.5MS

Tot Ion:266 Resp: 84583
 Ion Ratio Lower Upper
 266 100
 268 64.0 52.4 78.6
 264 61.0 50.2 75.2

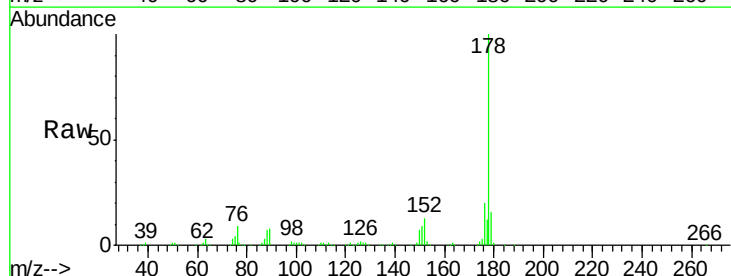


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

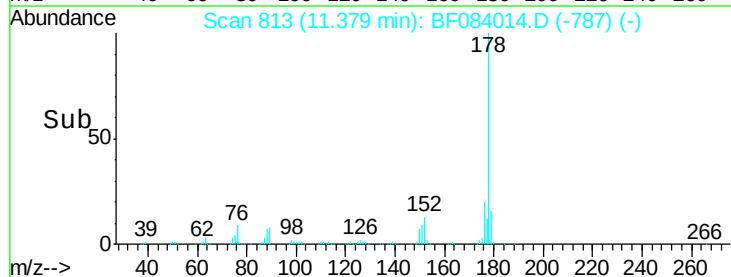
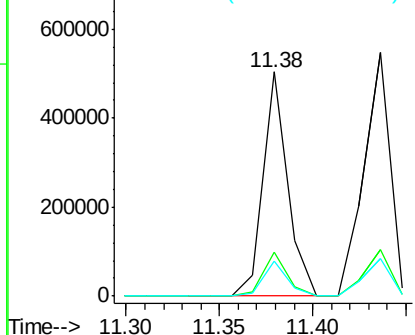


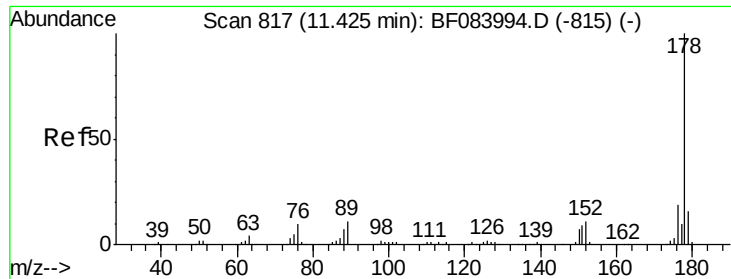
#70
 Phenanthrene
 Concen: 47.59 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF084014.D
 Acq: 23 Dec 2015 3:21

Tgt Ion:178 Resp: 466593
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.3 22.9
 179 15.7 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

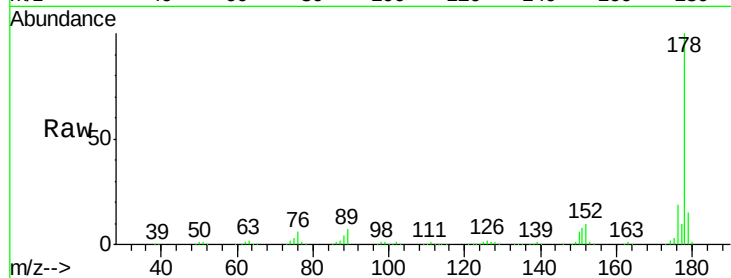




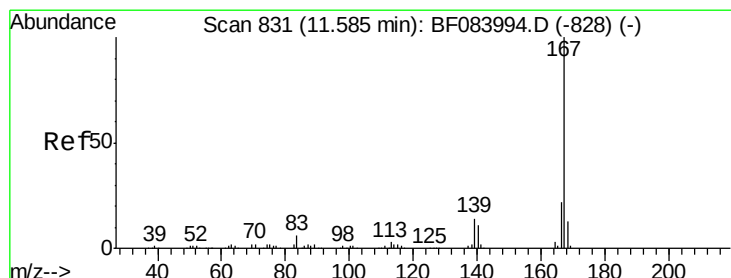
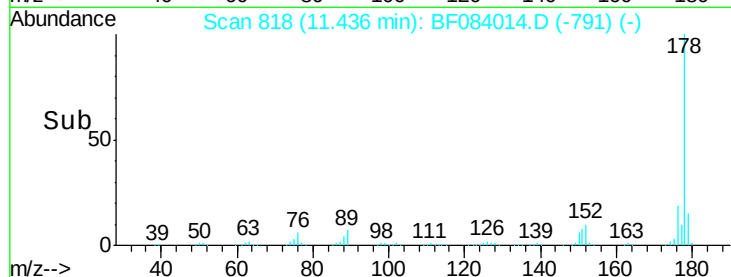
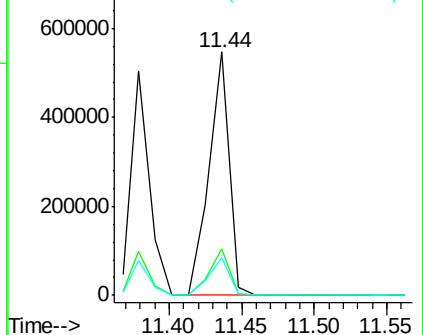
#71
 Anthracene
 Concen: 53.02 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.01 min
 Lab File: BF084014.D
 Acq: 23 Dec 2015 3:21

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP209BRV46.5MS

Tot Ion:178 Resp: 527921
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.0
 179 15.2 12.5 18.7

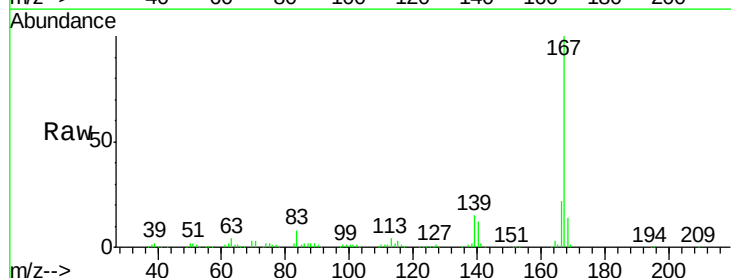


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

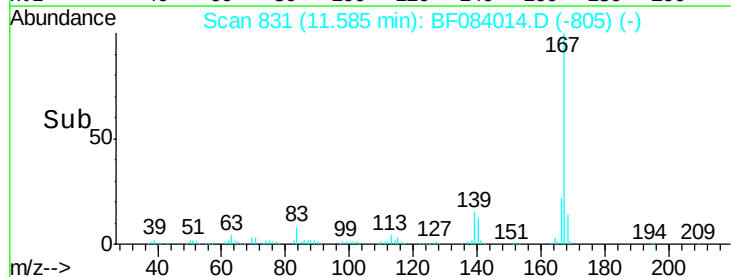
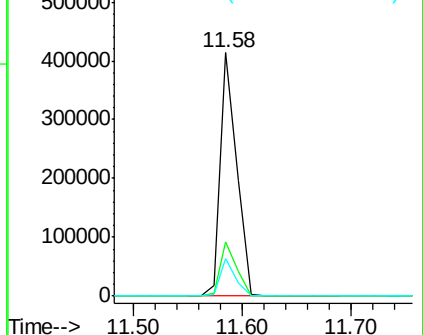


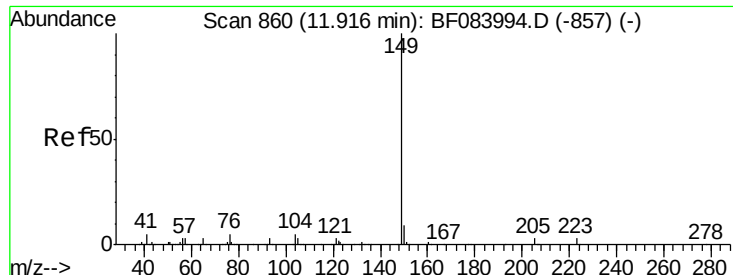
#72
 Carbazole
 Concen: 46.95 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF084014.D
 Acq: 23 Dec 2015 3:21

Tgt Ion:167 Resp: 437182
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 15.4 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: 49.88 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5MS

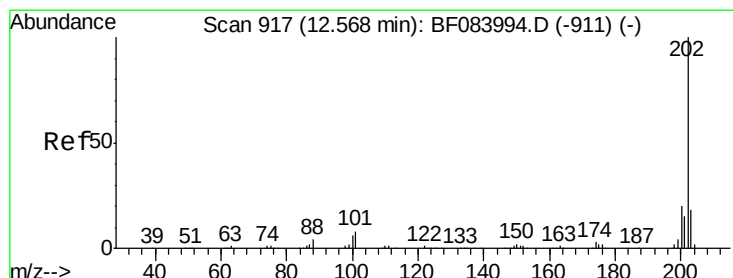
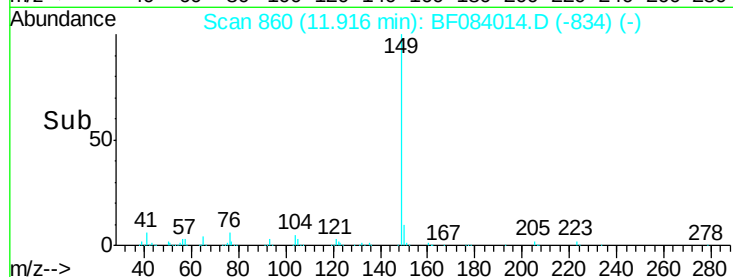
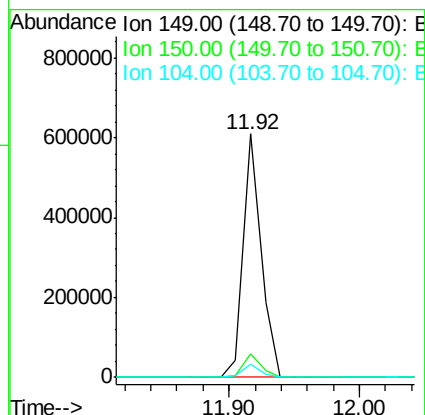
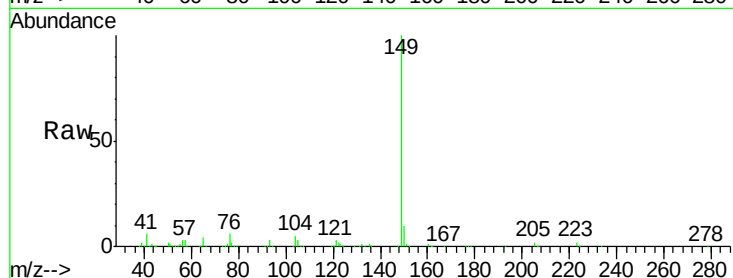
Tot Ion:149 Resp: 576726

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

104 5.5 3.2 4.8#



#74

Fluoranthene

Concen: 52.54 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

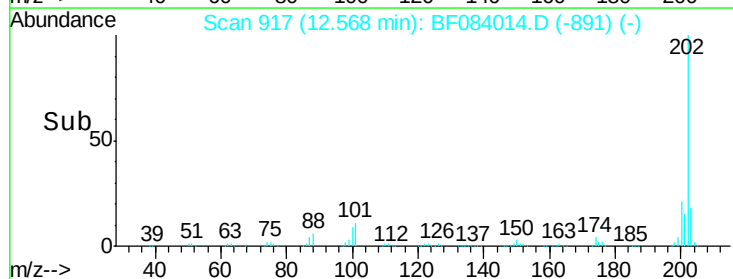
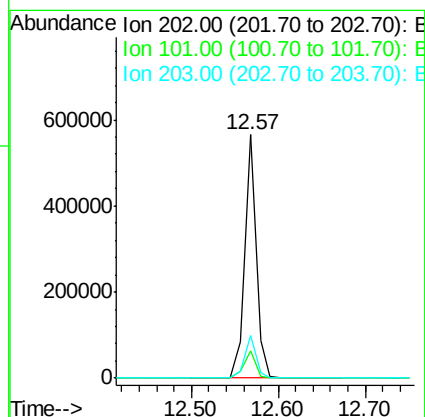
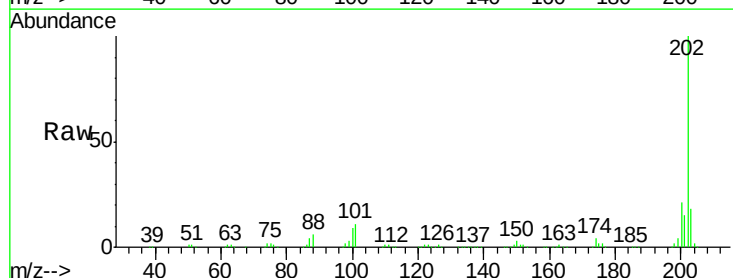
Tgt Ion:202 Resp: 510850

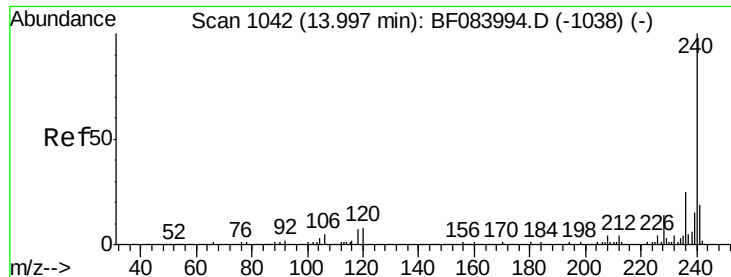
Ion Ratio Lower Upper

202 100

101 11.4 0.0 32.8

203 17.6 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5MS

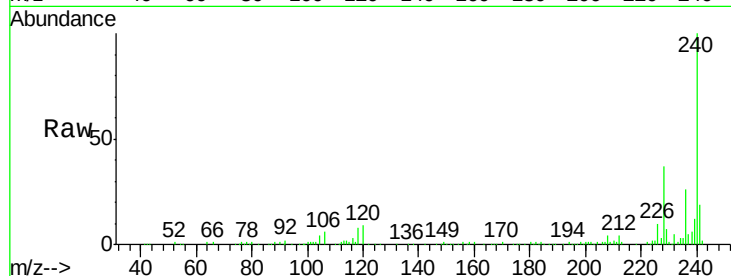
Tot Ion:240 Resp: 157353

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

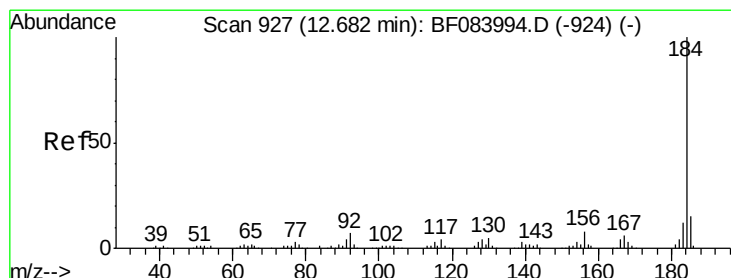
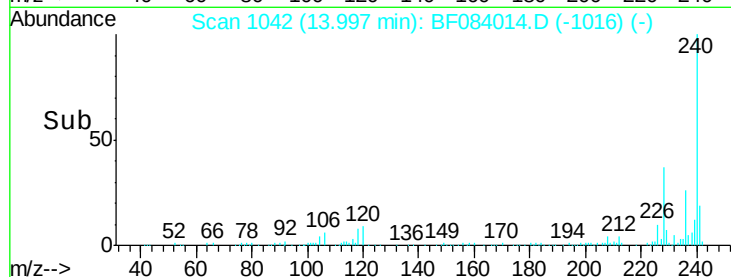
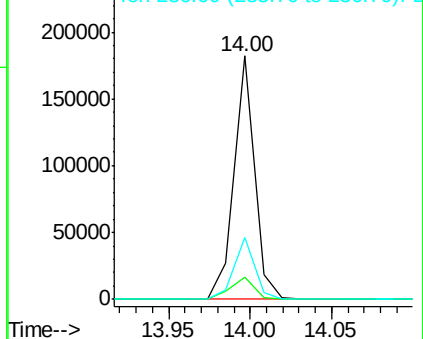
236 25.6 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.33 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

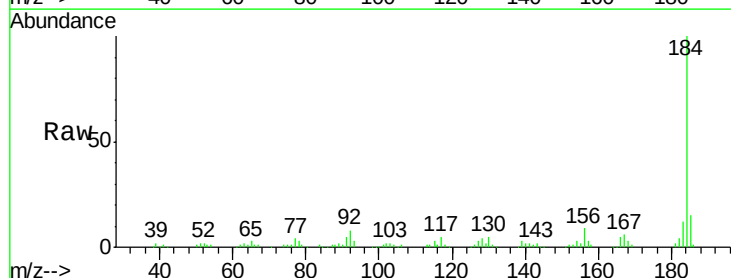
Tgt Ion:184 Resp: 164616

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.2

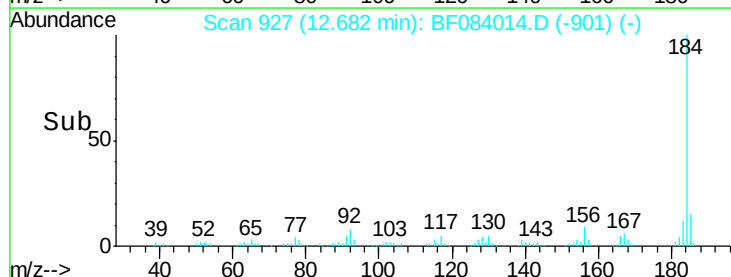
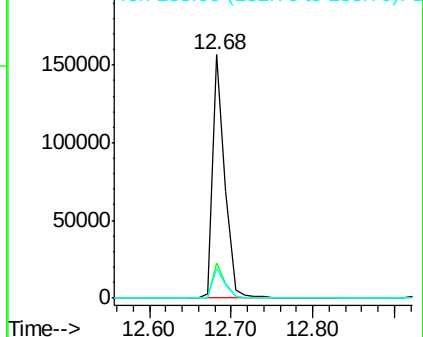
183 12.3 9.8 14.8

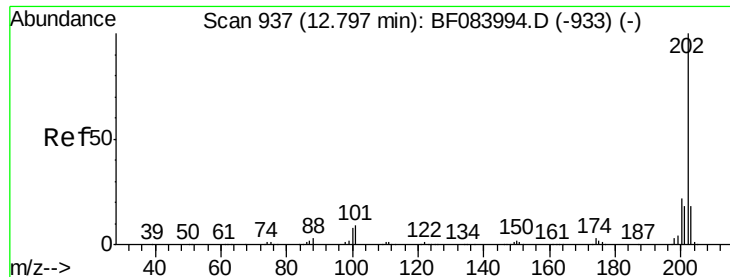


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

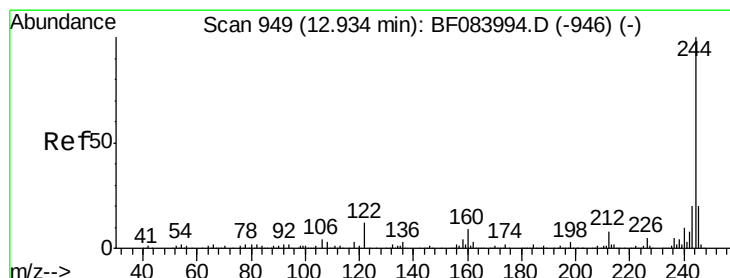
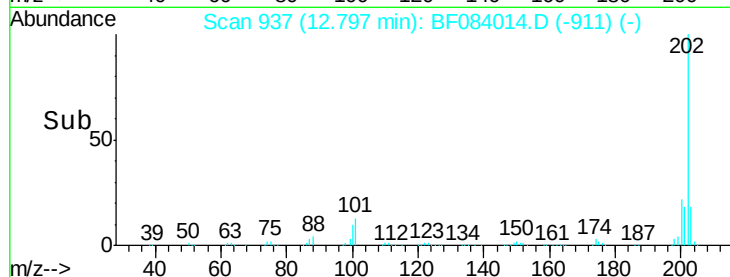
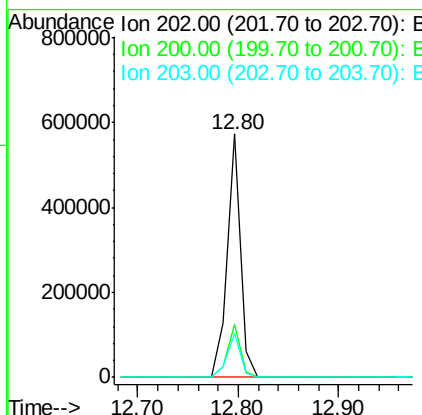
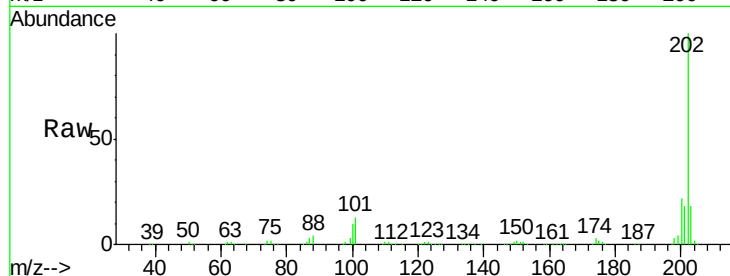




#77
Pvrene
Concen: 49.41 ng
RT: 12.80 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

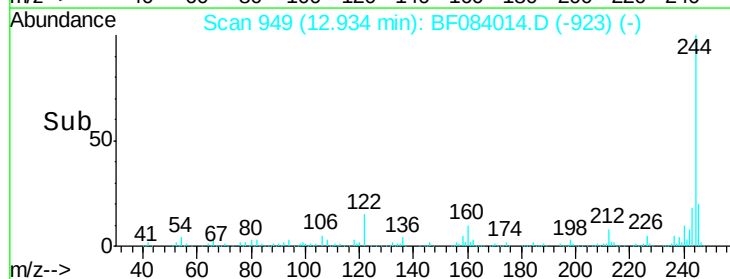
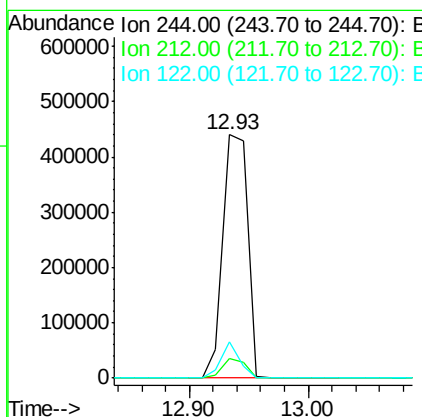
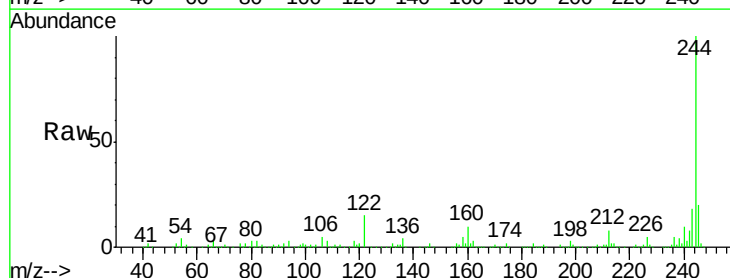
Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MS

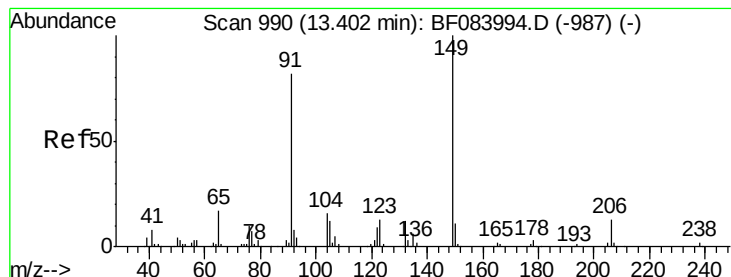
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.2	25.8
203	18.0	14.3	21.5



#78
Terphenyl-d14
Concen: 96.55 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.7	8.5
122	15.0	7.4	11.0





#79

Butylbenzylphthalate

Concen: 58.58 ng

RT: 13.41 min Scan# 991

Delta R.T. 0.01 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5MS

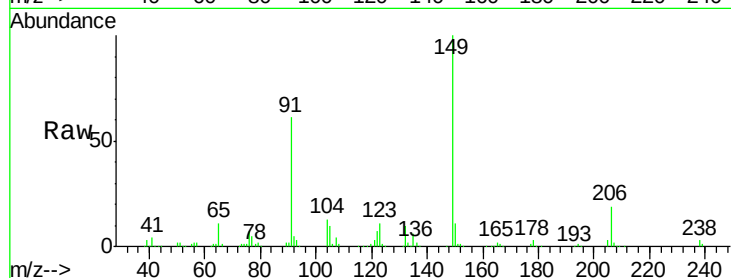
Tot Ion:149 Resp: 287619

Ion Ratio Lower Upper

149 100

91 60.5 57.6 86.4

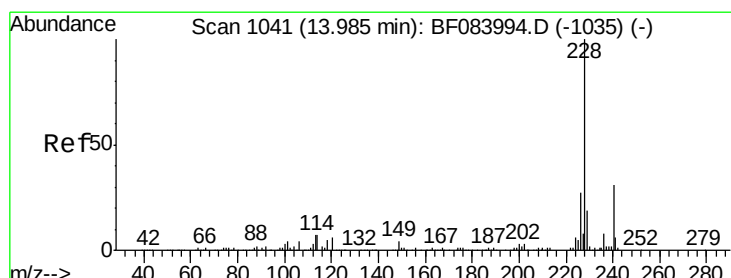
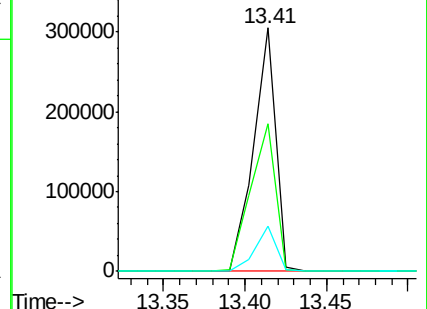
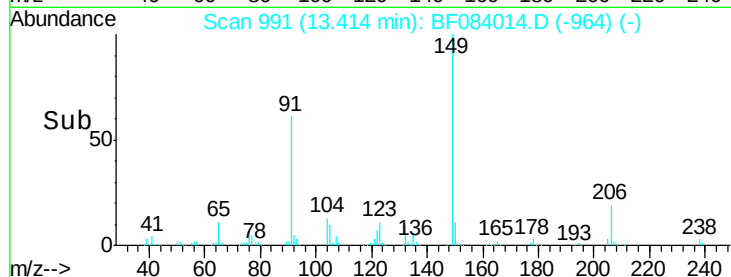
206 18.6 13.2 19.8



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: 49.65 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

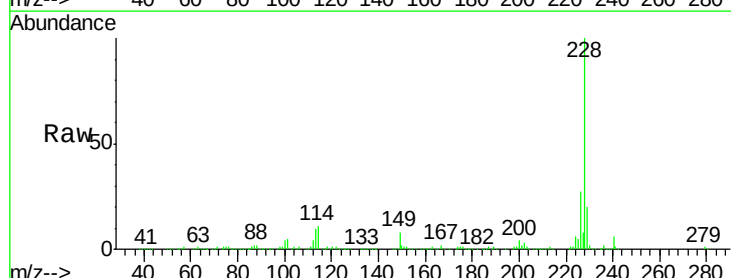
Tgt Ion:228 Resp: 450488

Ion Ratio Lower Upper

228 100

226 26.5 21.8 32.6

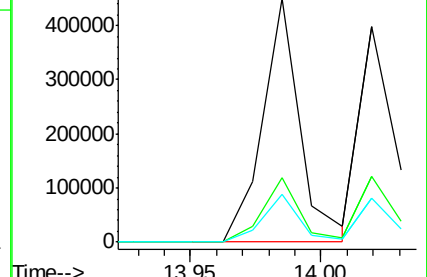
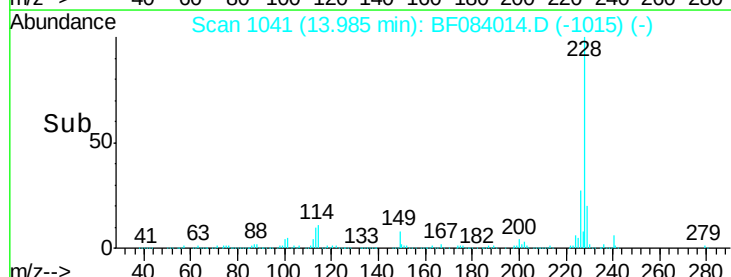
229 19.8 15.8 23.8

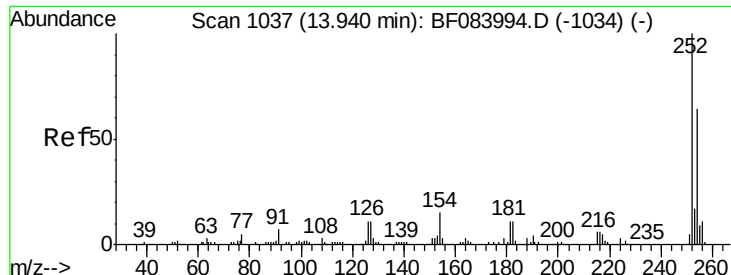


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

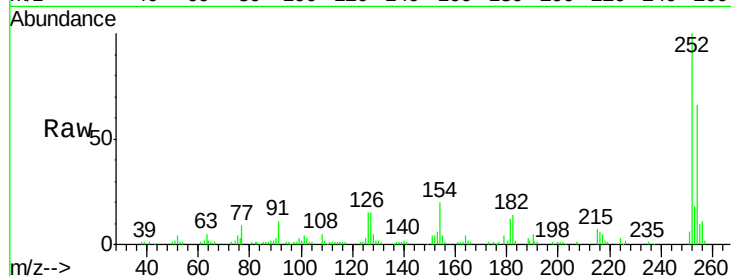




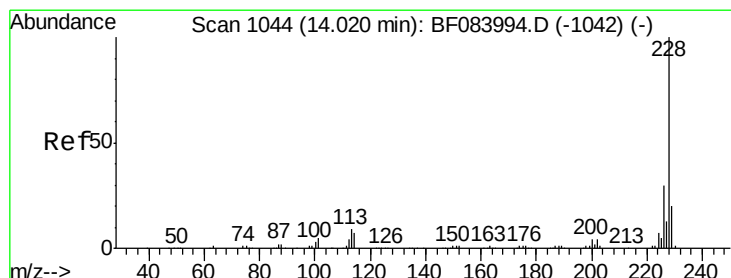
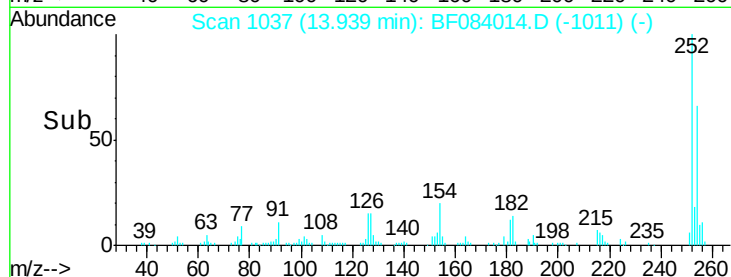
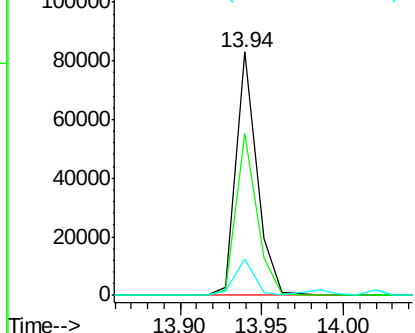
#81
 3,3'-Dichlorobenzidine
 Concen: 21.44 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF084014.D
 Acq: 23 Dec 2015 3:21

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP209BRV46.5MS

Tot Ion:252 Resp: 73170
 Ion Ratio Lower Upper
 252 100
 254 66.3 53.5 80.3
 126 14.7 4.9 7.3#

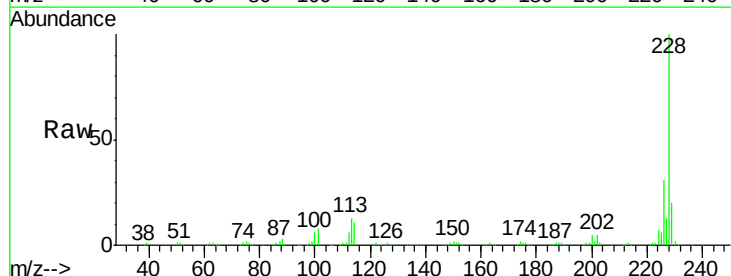


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

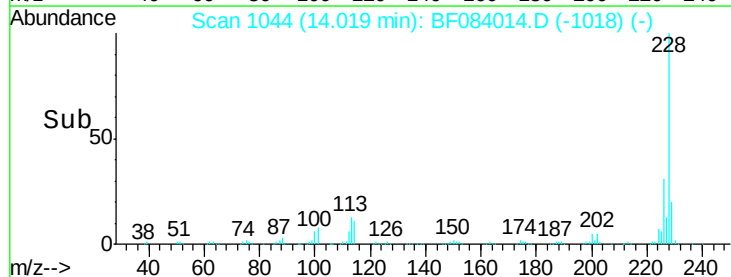
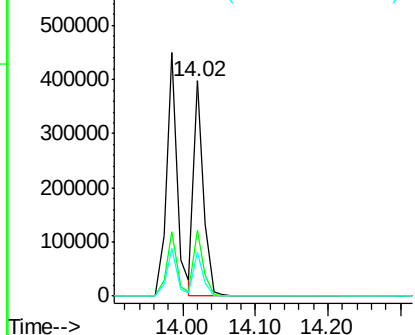


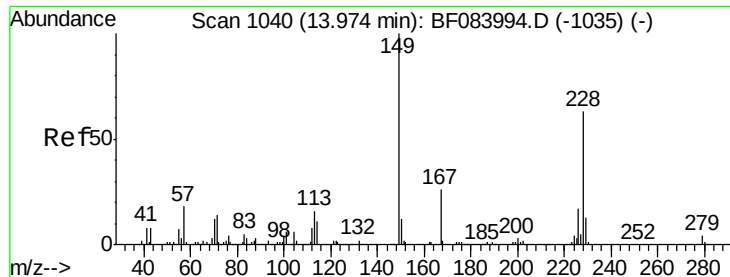
#82
 Chrysene
 Concen: 44.68 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF084014.D
 Acq: 23 Dec 2015 3:21

Tgt Ion:228 Resp: 376335
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.3 36.5
 229 20.1 16.1 24.1



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

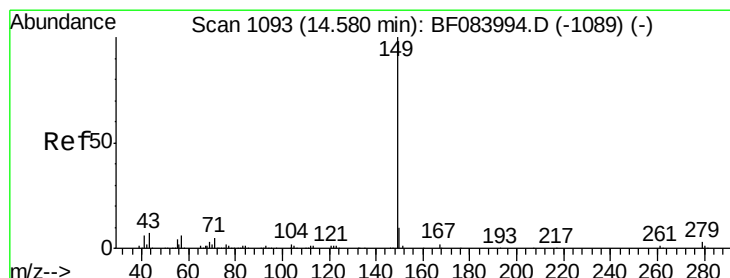
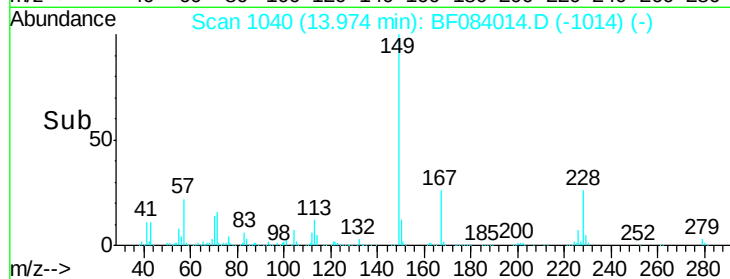
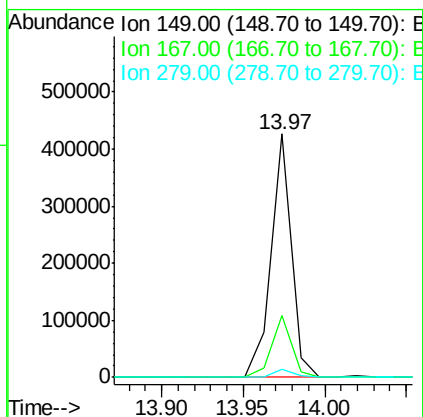
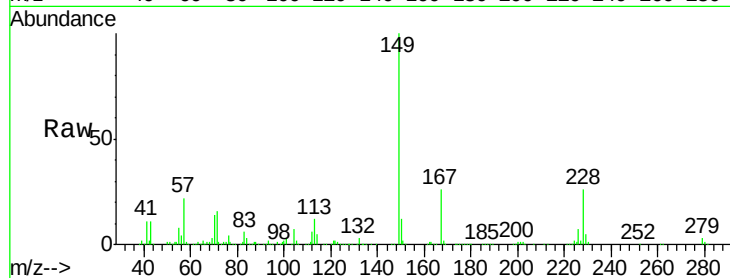




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.65 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF084014.D
 Acq: 23 Dec 2015 3:21

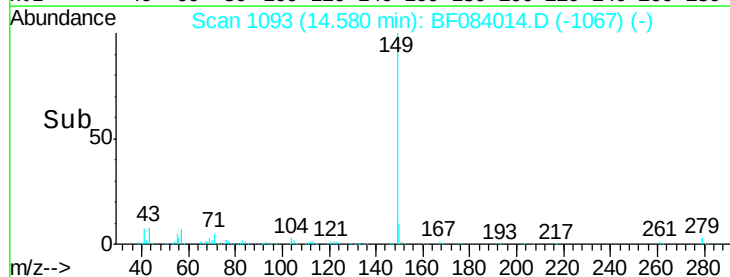
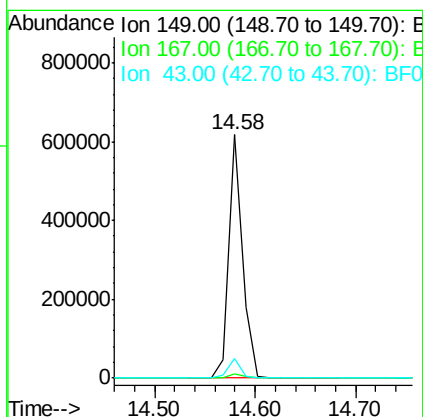
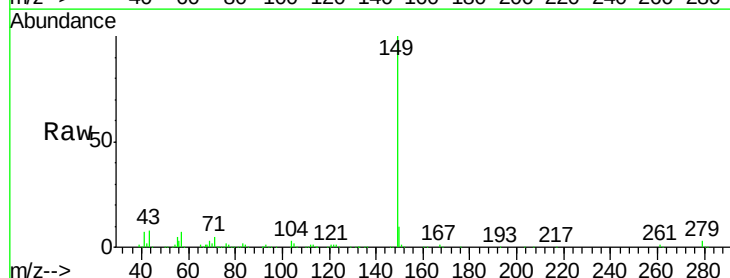
Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP209BRV46.5MS

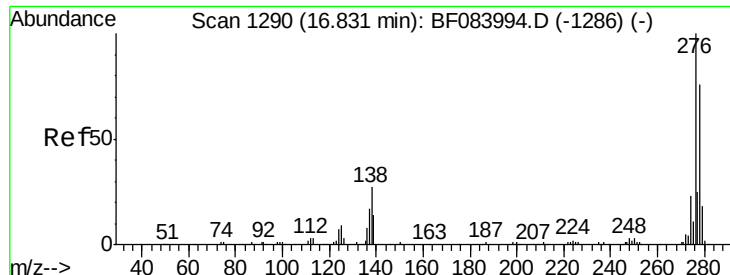
Tot Ion:149 Resp: 372151
 Ion Ratio Lower Upper
 149 100
 167 25.6 19.7 29.5
 279 3.1 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 55.90 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BF084014.D
 Acq: 23 Dec 2015 3:21

Tgt Ion:149 Resp: 585316
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 7.6 5.6 8.4

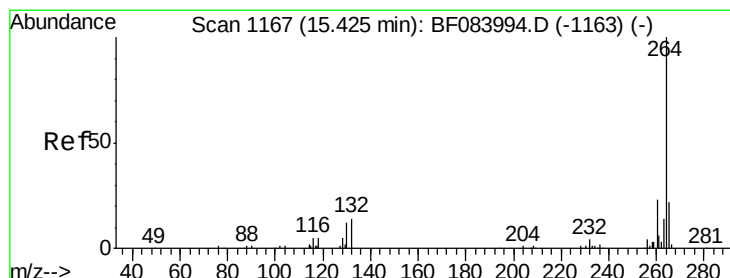
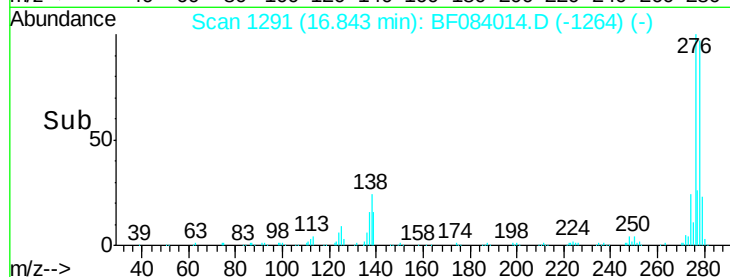
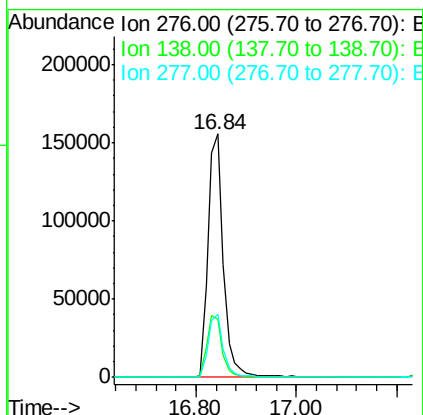
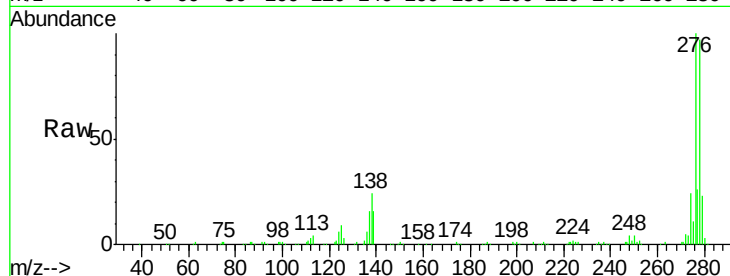




#85
Indeno(1,2,3-cd)pyrene
Concen: 47.30 ng
RT: 16.84 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

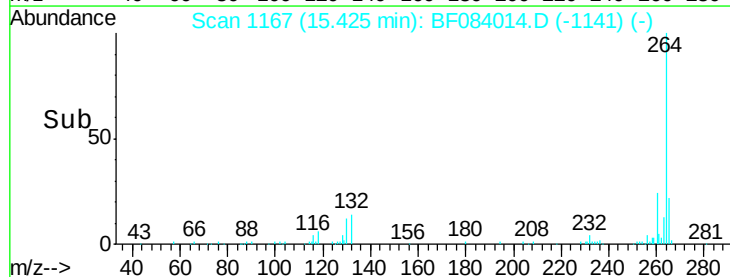
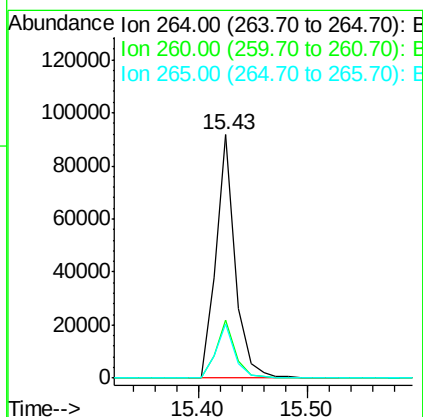
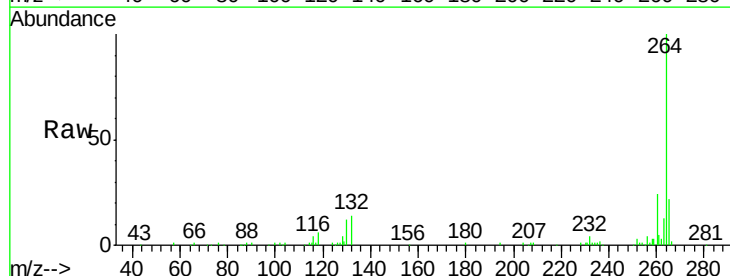
Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MS

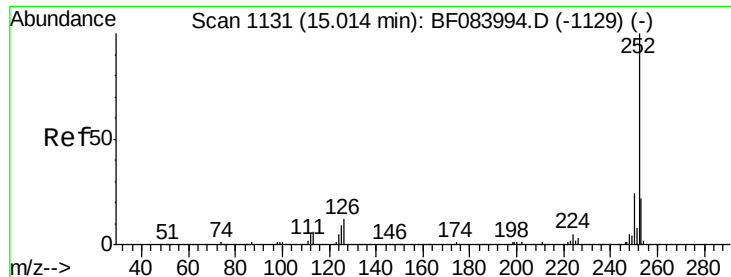
Tot Ion:276 Resp: 329588
Ion Ratio Lower Upper
276 100
138 25.1 20.6 30.8
277 25.2 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

Tgt Ion:264 Resp: 113557
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 22.2 17.8 26.6

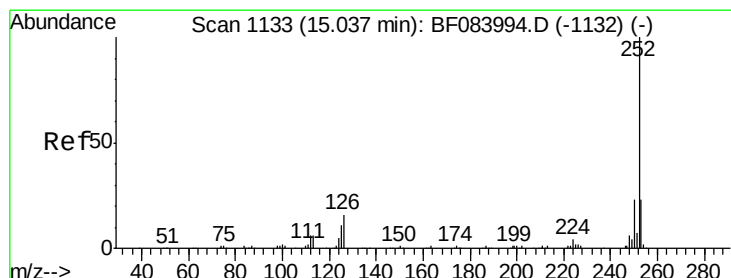
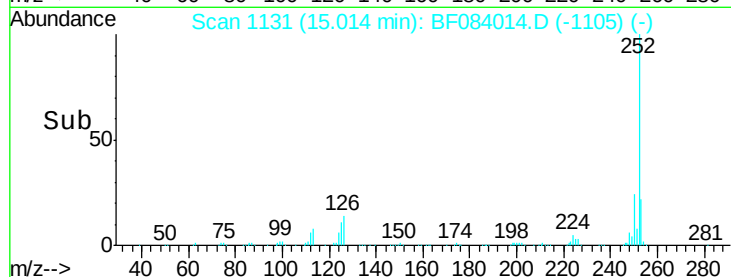
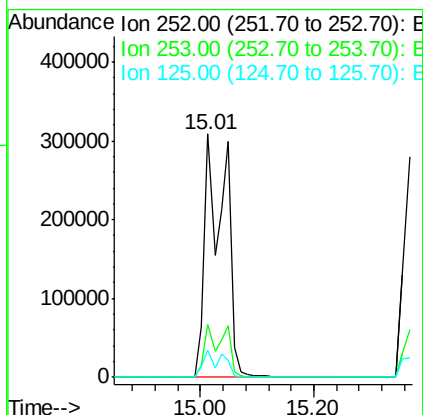
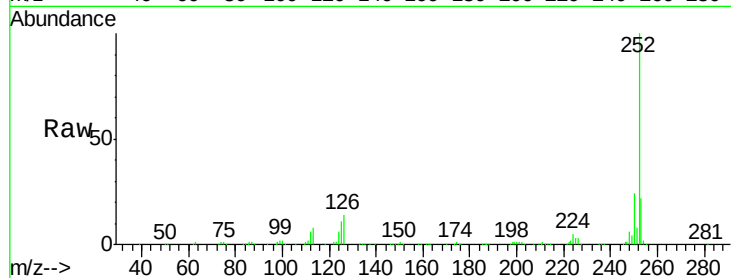




#87
Benzo(b)fluoranthene
Concen: 105.40 ng
RT: 15.01 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

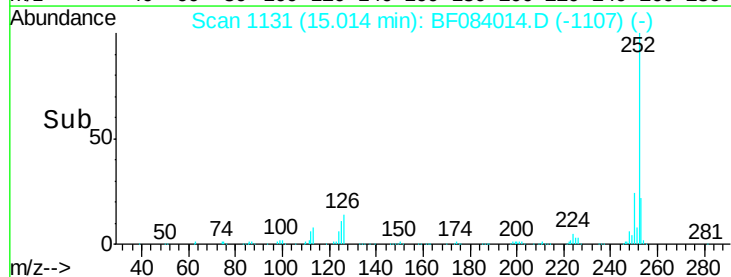
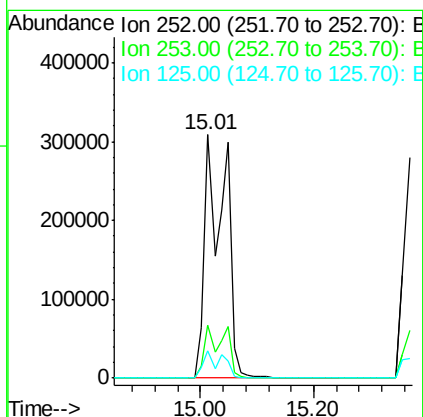
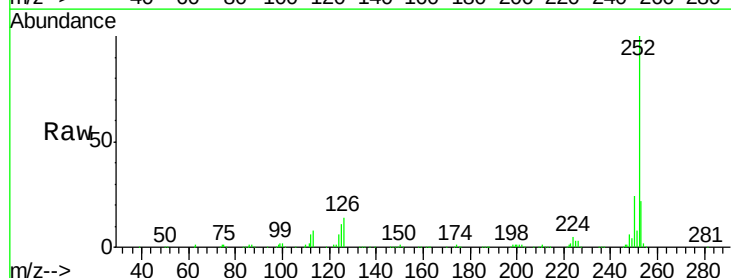
Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MS

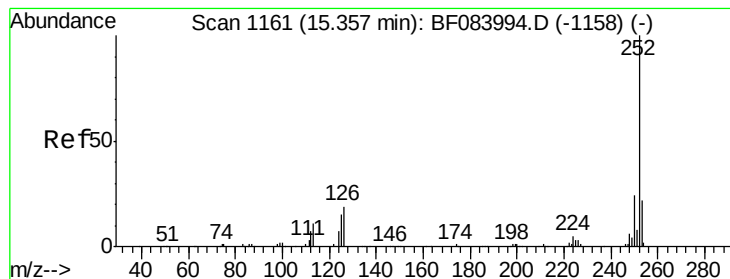
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	11.0	6.5	9.7#



#88
Benzo(k)fluoranthene
Concen: 110.83 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF084014.D
Acq: 23 Dec 2015 3:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	11.0	9.0	13.6





#89

Benzo(a)pyrene

Concen: 52.02 ng

RT: 15.37 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5MS

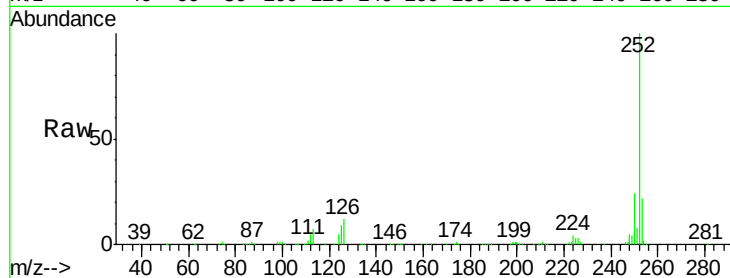
Tot Ion:252 Resp: 344926

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

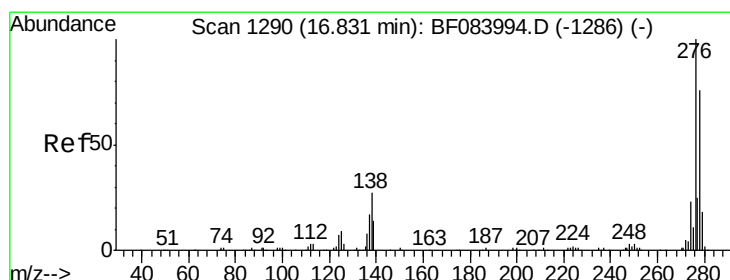
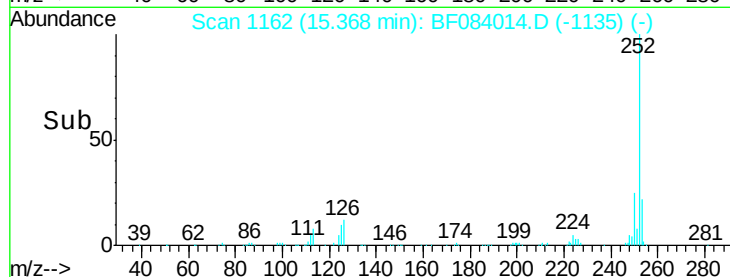
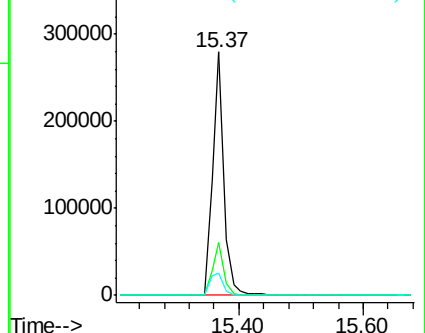
125 9.2 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.84 ng

RT: 16.84 min Scan# 1291

Delta R.T. 0.01 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

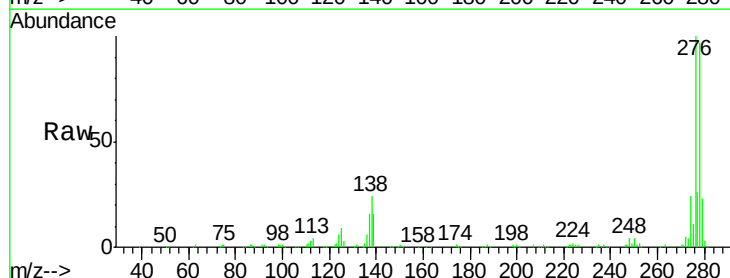
Tgt Ion:278 Resp: 279332

Ion Ratio Lower Upper

278 100

139 16.0 15.0 22.4

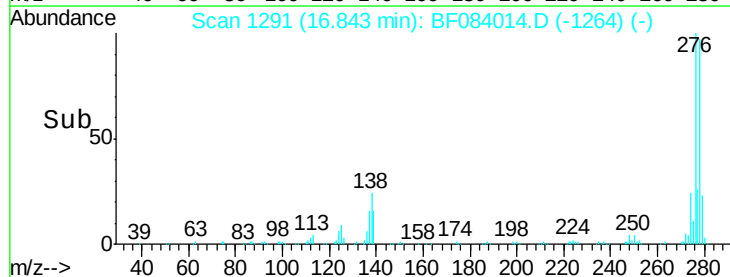
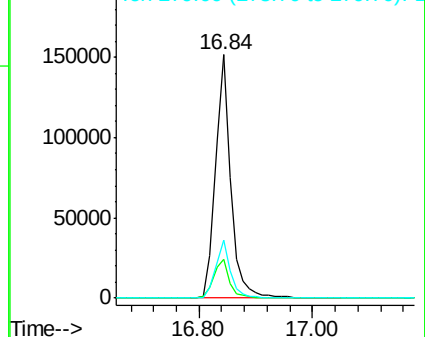
279 23.6 18.9 28.3

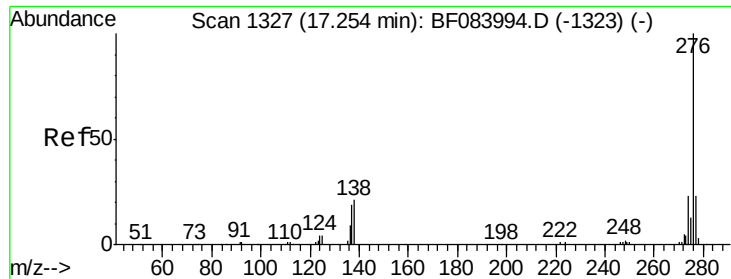


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 48.65 ng

RT: 17.25 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF084014.D

Acq: 23 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5MS

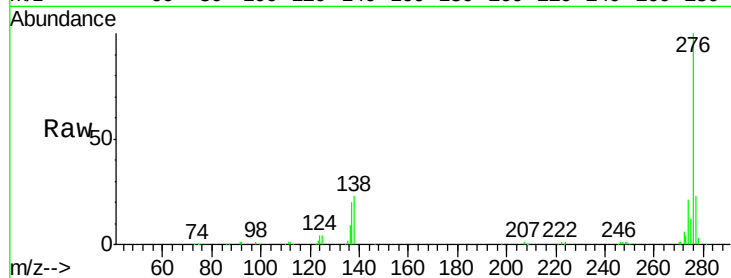
Tot Ion: 276 Resp: 270396

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 22.8 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

