

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083509.D
 Acq On : 5 Dec 2015 12:29
 Operator : UM/IZ
 Sample : G4595-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MS

Quant Time: Dec 07 00:18:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	143772	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	553172	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	271416	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	496322	20.00	ng	0.00
75) Chrysene-d12	17.05	240	383945	20.00	ng	0.00
86) Perylene-d12	18.68	264	320775	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.04	112	530549	55.98	ng	0.01
7) Phenol-d6	5.32	99	425359	32.58	ng	0.00
23) Nitrobenzene-d5	6.60	82	1056462	89.27	ng	0.00
41) 2,4,6-Tribromophenol	11.76	330	339508	135.60	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	1739249	86.92	ng	0.00
78) Terphenyl-d14	15.49	244	1645382	95.36	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.89	88	74039	14.90	ng	# 90
3) Pyridine	2.36	79	142337	12.00	ng	99
4) n-Nitrosodimethylamine	2.30	42	87714	14.68	ng	96
6) Aniline	5.32	93	323981	19.06	ng	94
8) 2-Chlorophenol	5.48	128	349934	33.20	ng	99
9) Benzaldehyde	5.16	77	163553	21.85	ng	91
10) Phenol	5.34	94	191654	12.55	ng	91
11) bis(2-Chloroethyl)ether	5.42	93	455974	40.29	ng	97
12) 1,3-Dichlorobenzene	5.69	146	418592	35.81	ng	99
13) 1,4-Dichlorobenzene	5.79	146	428946	35.94	ng	97
14) 1,2-Dichlorobenzene	6.01	146	406772	37.06	ng	99
15) Benzyl Alcohol	6.01	79	261858	28.91	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.20	45	844880	40.27	ng	90
17) 2-Methylphenol	6.20	107	238680	27.44	ng	# 90
18) Hexachloroethane	6.49	117	149674	35.93	ng	# 84
19) n-Nitroso-di-n-propylamine	6.41	70	400721	46.00	ng	98
20) 3+4-Methylphenols	6.44	107	290755	25.73	ng	94
22) Acetophenone	6.37	105	671179	42.12	ng	# 94
24) Nitrobenzene	6.62	77	562797	43.18	ng	99
25) Isophorone	7.00	82	1010458	44.46	ng	99
26) 2-Nitrophenol	7.10	139	217553	42.30	ng	97
27) 2,4-Dimethylphenol	7.23	122	354555	39.02	ng	99
28) bis(2-Chloroethoxy)methane	7.36	93	595596	47.03	ng	99
29) 2,4-Dichlorophenol	7.50	162	357925	43.62	ng	98
30) 1,2,4-Trichlorobenzene	7.60	180	362737	39.98	ng	98
31) Naphthalene	7.71	128	1257804	42.72	ng	99
32) Benzoic acid	7.46	122	61077	14.31	ng	93
33) 4-Chloroaniline	7.84	127	253617	22.02	ng	94
34) Hexachlorobutadiene	7.92	225	197830	36.90	ng	99
35) Caprolactam	8.43	113	17131	6.56	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	368676	39.92	ng	98
37) 2-Methylnaphthalene	8.81	142	830839	45.63	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	377326	42.28	ng	# 100
40) Hexachlorocyclopentadiene	9.07	237	226520	66.72	ng	97

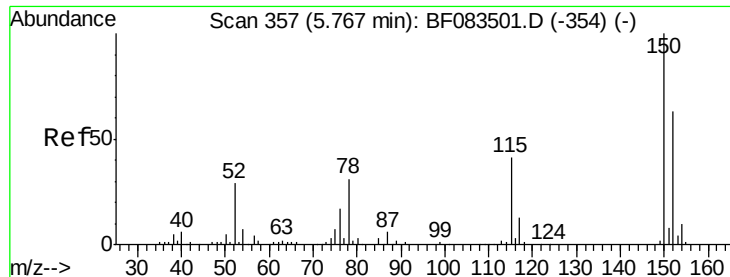
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	250167	44.65	nq	98
43) 2,4,5-Trichlorophenol	9.37	196	267395	46.33	nq	# 93
45) 1,1'-Biphenyl	9.57	154	1027921	42.62	nq	99
46) 2-Chloronaphthalene	9.58	162	806592	44.38	nq	98
47) 2-Nitroaniline	9.79	65	316844	48.94	nq	# 81
48) Acenaphthylene	10.24	152	1298561	43.63	nq	99
49) Dimethylphthalate	10.12	163	1005620	47.07	nq	99
50) 2,6-Dinitrotoluene	10.20	165	221925	49.34	nq	# 81
51) Acenaphthene	10.52	154	801207	46.79	nq	100
52) 3-Nitroaniline	10.46	138	120555	24.86	nq	# 87
53) 2,4-Dinitrophenol	10.65	184	201778	86.42	nq	97
54) Dibenzofuran	10.81	168	1179351	49.71	nq	99
55) 4-Nitrophenol	10.81	139	428602	156.91	nq	# 6
56) 2,4-Dinitrotoluene	10.85	165	289845	49.34	nq	# 81
57) Fluorene	11.36	166	934744	45.29	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.04	232	214763	49.75	nq	# 100
59) Diethylphthalate	11.25	149	958484	46.63	nq	99
60) 4-Chlorophenyl-phenylether	11.38	204	442160	44.70	nq	98
61) 4-Nitroaniline	11.46	138	191122	43.50	nq	89
62) Azobenzene	11.64	77	1212866	55.30	nq	99
64) 4,6-Dinitro-2-methylphenol	11.52	198	146041	43.92	nq	# 80
65) n-Nitrosodiphenylamine	11.60	169	794783	48.37	nq	99
66) 4-Bromophenyl-phenylether	12.17	248	254830	46.98	nq	96
67) Hexachlorobenzene	12.25	284	278706	48.07	nq	# 83
68) Atrazine	12.51	200	242353	48.77	nq	98
69) Pentachlorophenol	12.59	266	265805	99.70	nq	98
70) Phenanthrene	12.90	178	1373965	47.56	nq	99
71) Anthracene	12.98	178	1405378	47.70	nq	99
72) Carbazole	13.28	167	1239663	49.00	nq	98
73) Di-n-butylphthalate	13.92	149	1556569	51.08	nq	99
74) Fluoranthene	14.82	202	1376018	48.06	nq	97
76) Benzidine	15.11	184	42733	3.08	nq	96
77) Pyrene	15.17	202	1411259	49.14	nq	98
79) Butylbenzylphthalate	16.32	149	606134	53.67	nq	93
80) Benzo(a)anthracene	17.04	228	1084813	48.29	nq	99
81) 3,3'-Dichlorobenzidine	17.03	252	184715	25.71	nq	98
82) Chrysene	17.08	228	1022033	45.67	nq	99
83) Bis(2-ethylhexyl)phthalate	17.16	149	839088	56.62	nq	# 98
84) Di-n-octyl phthalate	17.93	149	1229758	58.18	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.93	276	1001877	52.23	nq	# 100
87) Benzo(b)fluoranthene	18.33	252	1741290	96.66	nq	98
88) Benzo(k)fluoranthene	18.33	252	1741290	94.36	nq	# 94
89) Benzo(a)pyrene	18.63	252	843848	48.16	nq	# 95
90) Dibenzo(a,h)anthracene	19.94	278	842287	49.96	nq	98
91) Benzo(g,h,i)perylene	20.28	276	858772	50.55	nq	98

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

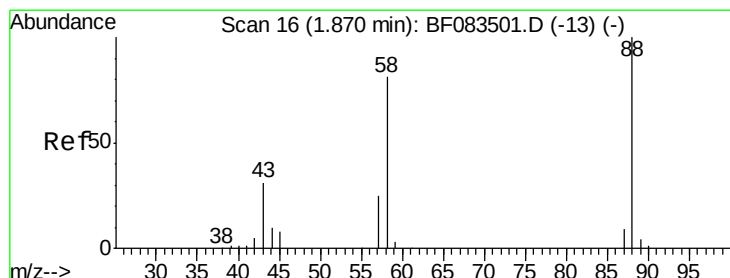
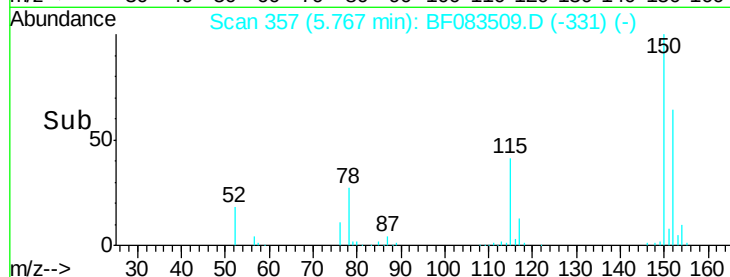
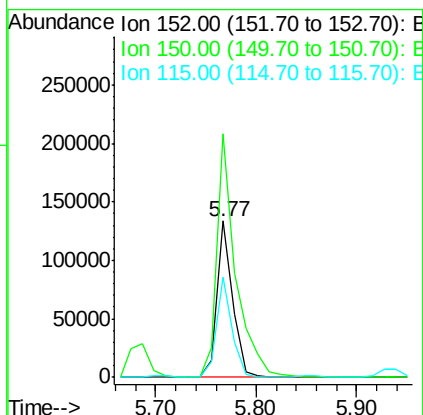
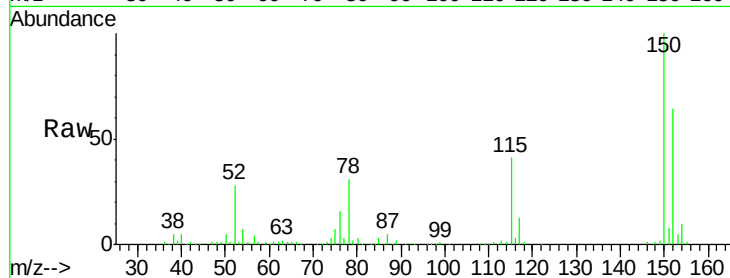


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 357
Delta R.T. 0.00 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

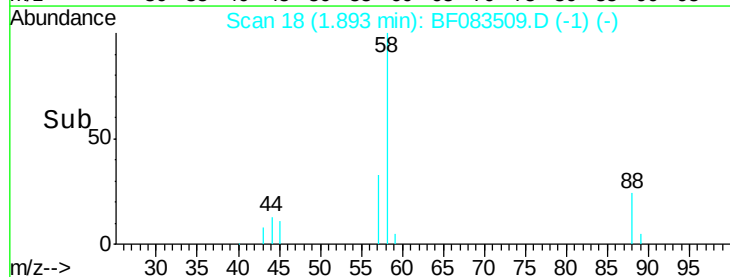
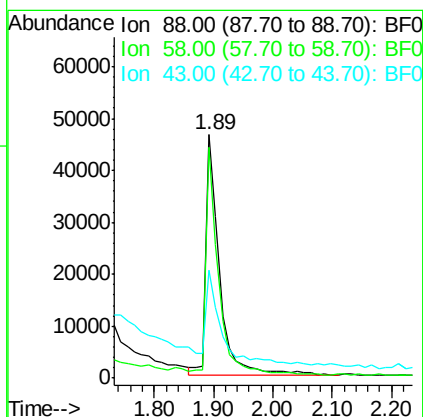
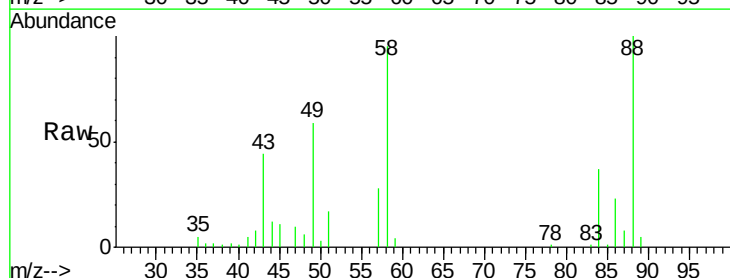
Tot Ion:152 Resp: 143772
Ion Ratio Lower Upper
152 100
150 156.0 126.5 189.7
115 64.6 52.3 78.5

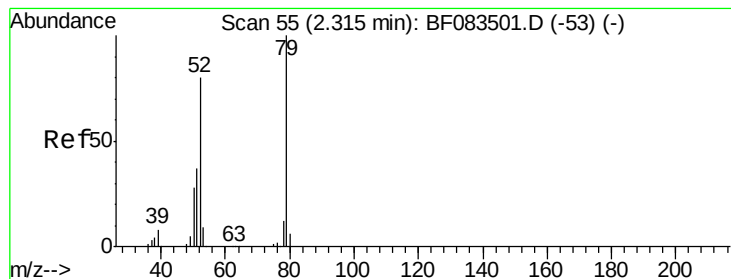


#2

1,4-Dioxane
Concen: 14.90 ng
RT: 1.89 min Scan# 18
Delta R.T. 0.02 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion: 88 Resp: 74039
Ion Ratio Lower Upper
88 100
58 88.5 68.0 102.0
43 49.5 27.9 41.9#





#3

Pvridine

Concen: 12.00 ng

RT: 2.36 min Scan# 59

Delta R.T. 0.05 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

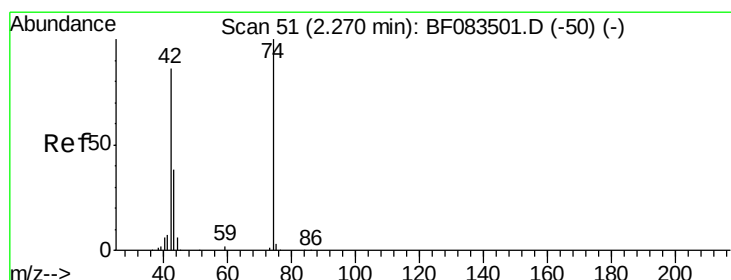
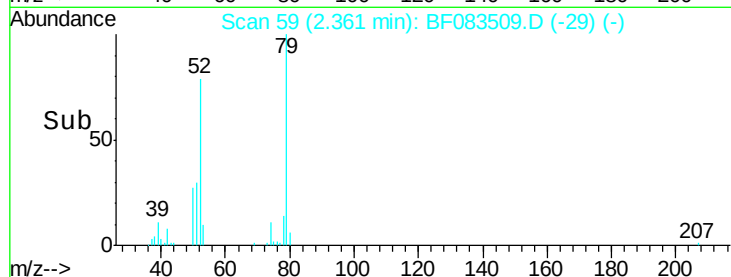
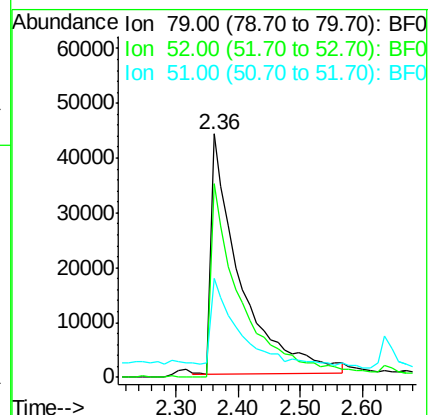
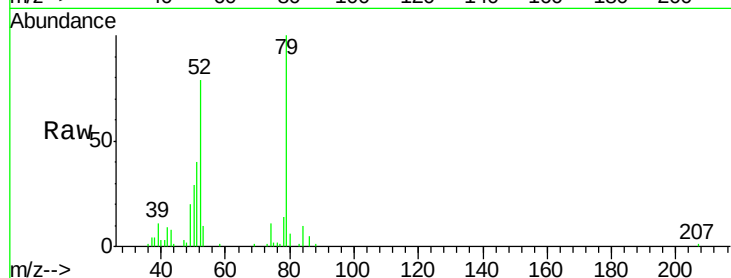
Tot Ion: 79 Resp: 142337

Ion Ratio Lower Upper

79 100

52 79.4 63.7 95.5

51 40.4 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 14.68 ng

RT: 2.30 min Scan# 54

Delta R.T. 0.03 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

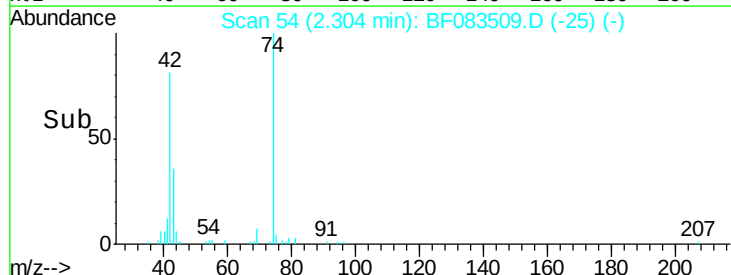
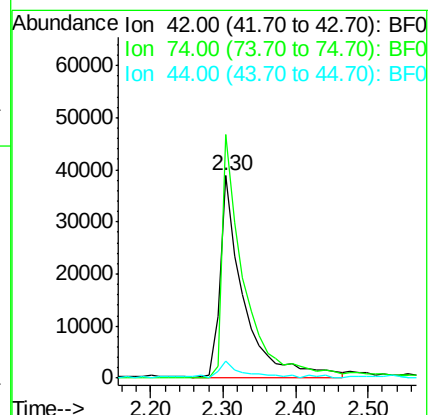
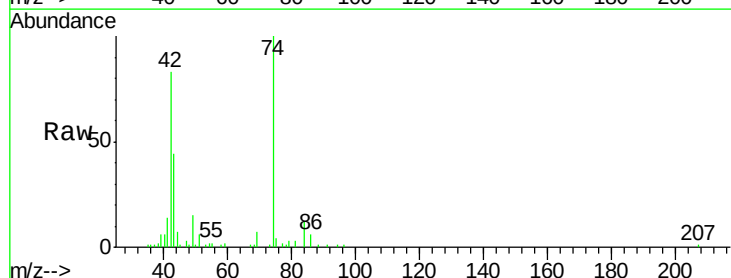
Tgt Ion: 42 Resp: 87714

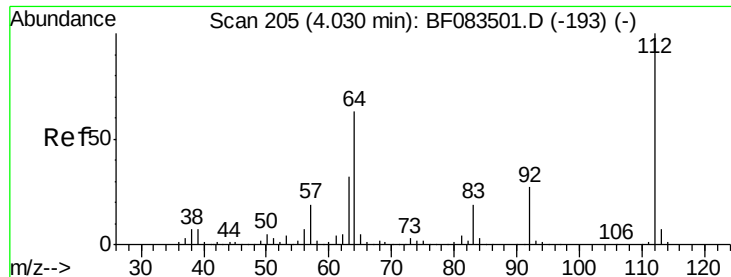
Ion Ratio Lower Upper

42 100

74 120.5 92.9 139.3

44 8.3 5.7 8.5





#5

2-Fluorophenol

Concen: 55.98 ng

RT: 4.04 min Scan# 206

Delta R.T. 0.01 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

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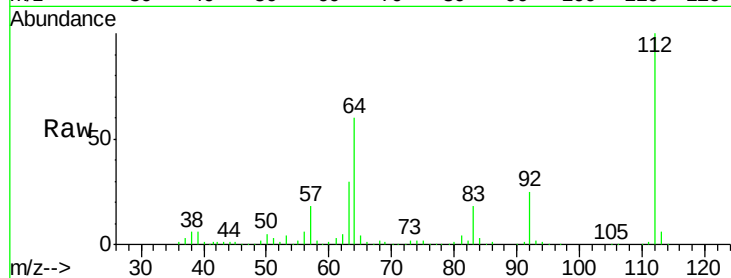
Tot Ion:112 Resp: 530549

Ion Ratio Lower Upper

112 100

64 60.2 50.5 75.7

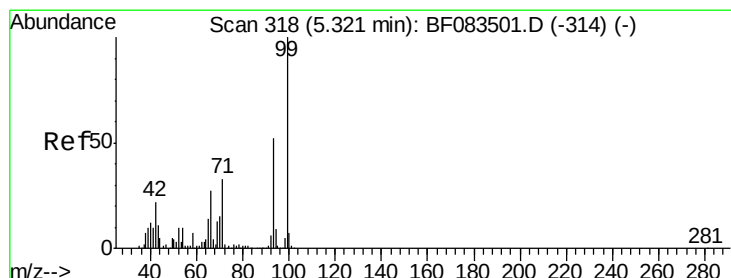
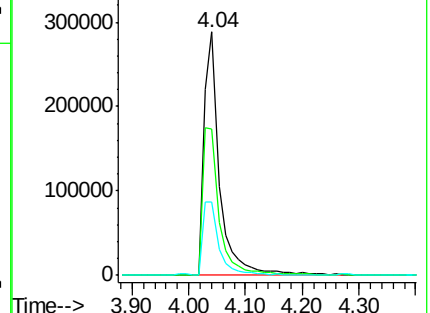
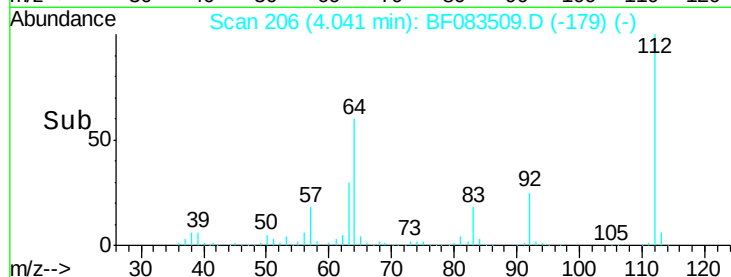
63 30.4 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.06 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

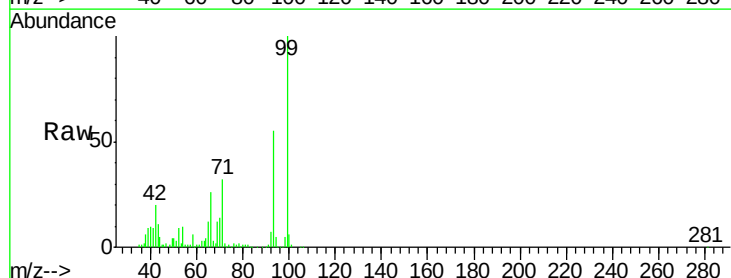
Tgt Ion: 93 Resp: 323981

Ion Ratio Lower Upper

93 100

66 47.7 41.3 61.9

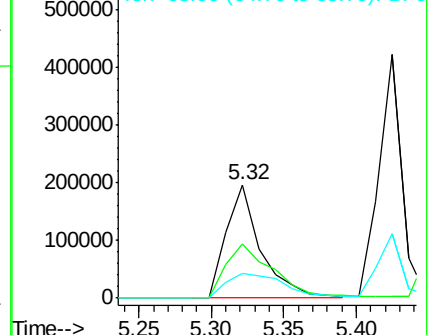
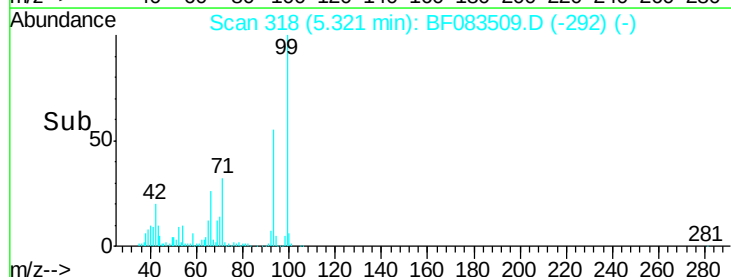
65 21.8 20.8 31.2

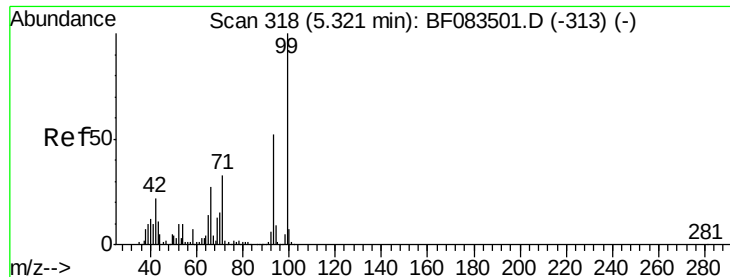


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 32.58 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

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ClientSampleId :

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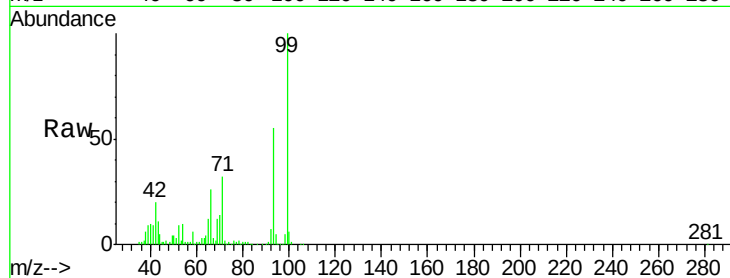
Tot Ion: 99 Resp: 425359

Ion Ratio Lower Upper

99 100

42 19.7 17.3 25.9

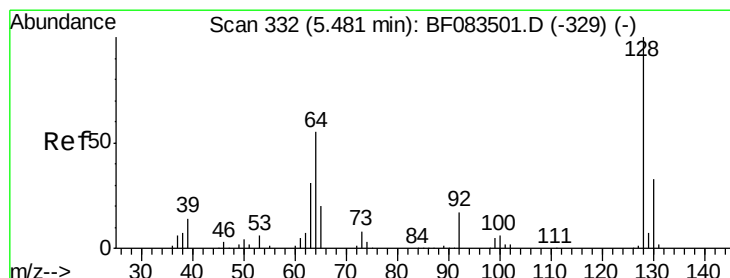
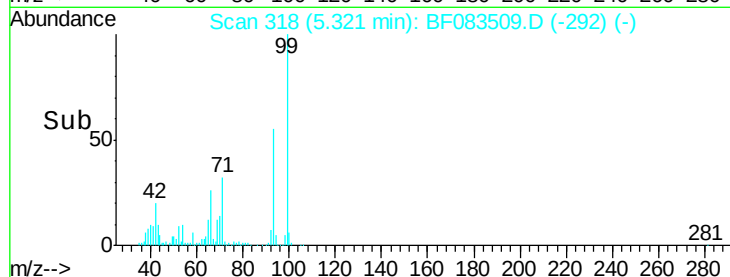
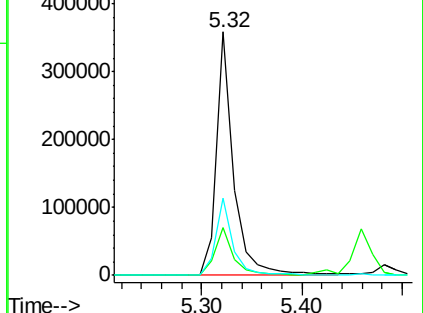
71 31.5 26.6 40.0



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: 33.20 ng

RT: 5.48 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

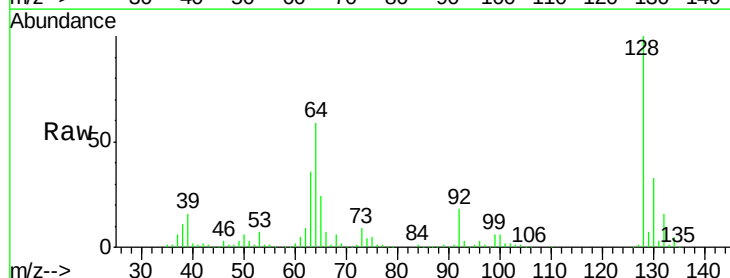
Tgt Ion: 128 Resp: 349934

Ion Ratio Lower Upper

128 100

130 33.3 12.6 52.6

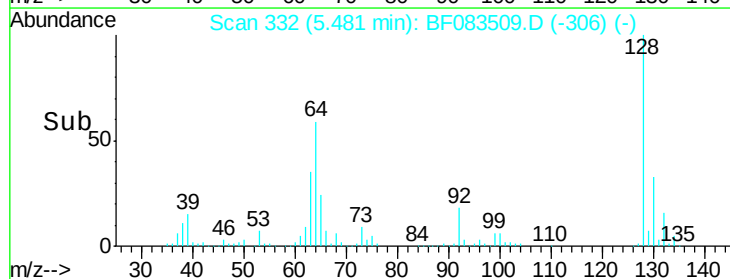
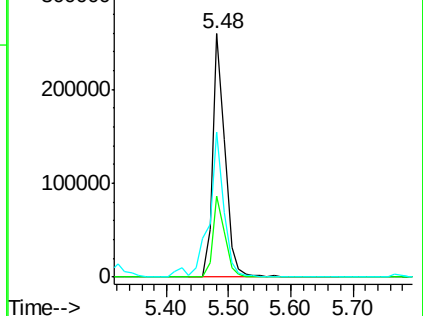
64 59.4 38.6 78.6

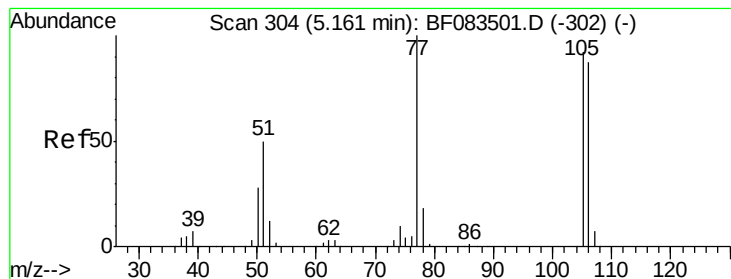


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 21.85 ng

RT: 5.16 min Scan# 304

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

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ClientSampleId :

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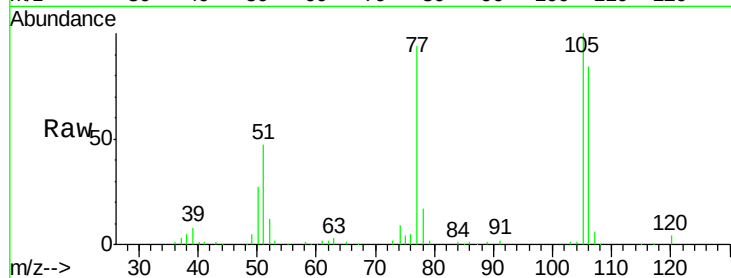
Tot Ion: 77 Resp: 163553

Ion Ratio Lower Upper

77 100

105 106.3 71.8 111.8

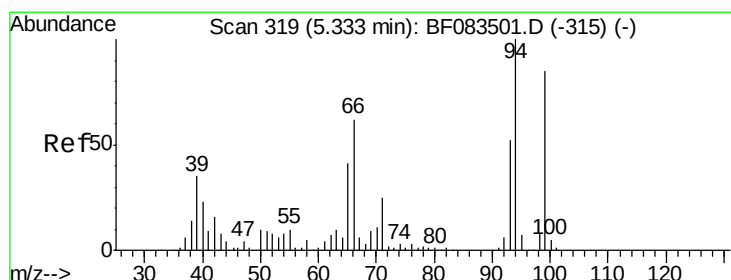
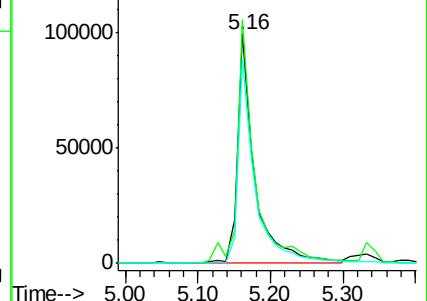
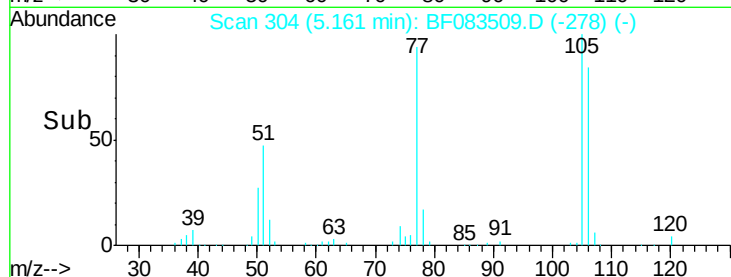
106 89.0 66.8 106.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 12.55 ng

RT: 5.34 min Scan# 320

Delta R.T. 0.01 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

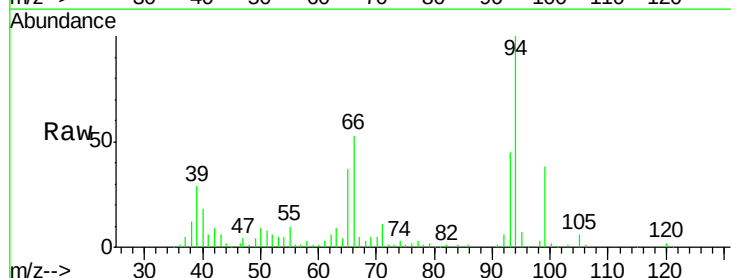
Tgt Ion: 94 Resp: 191654

Ion Ratio Lower Upper

94 100

65 37.3 20.9 60.9

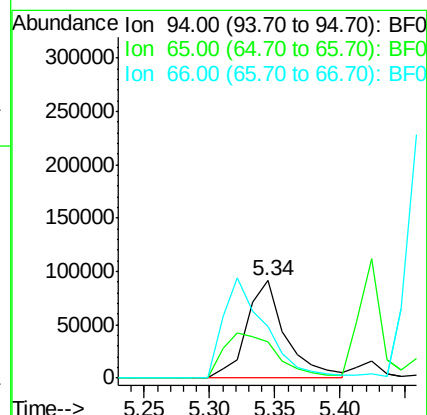
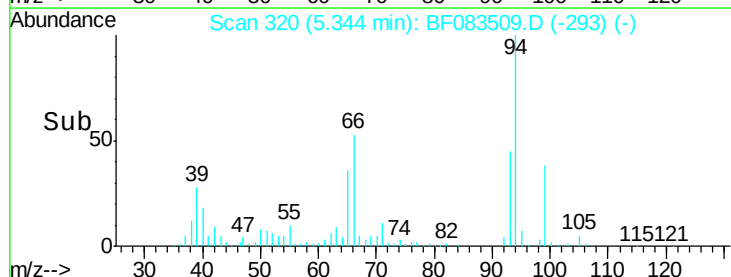
66 53.1 41.6 81.6

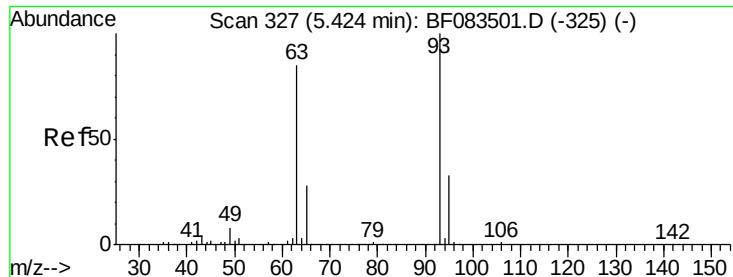


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.29 ng

RT: 5.42 min Scan# 327

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

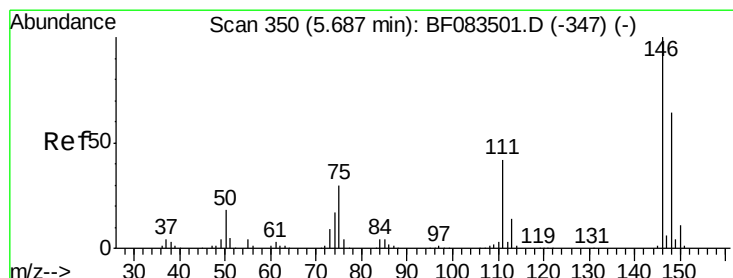
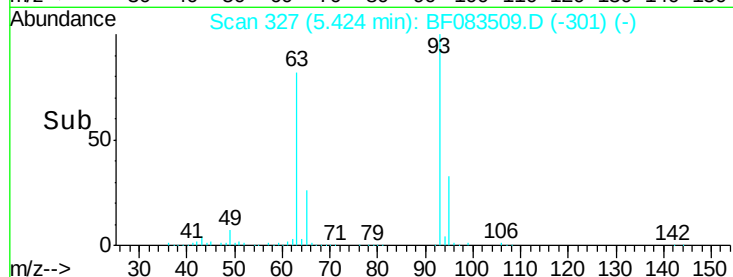
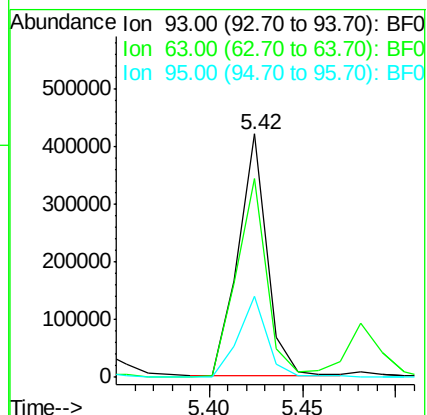
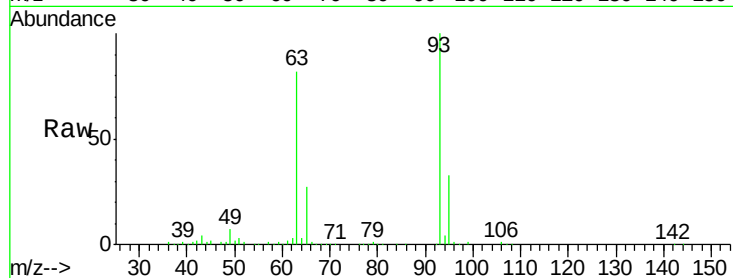
Tot Ion: 93 Resp: 455974

Ion Ratio Lower Upper

93 100

63 81.9 64.7 104.7

95 33.3 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 35.81 ng

RT: 5.69 min Scan# 350

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

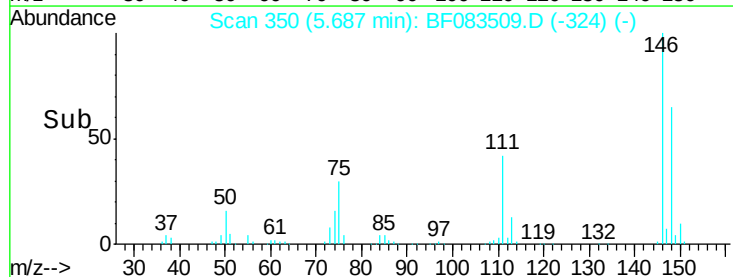
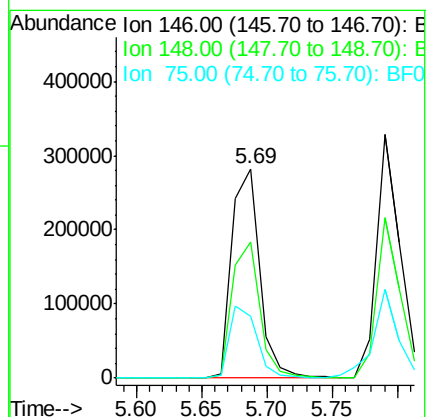
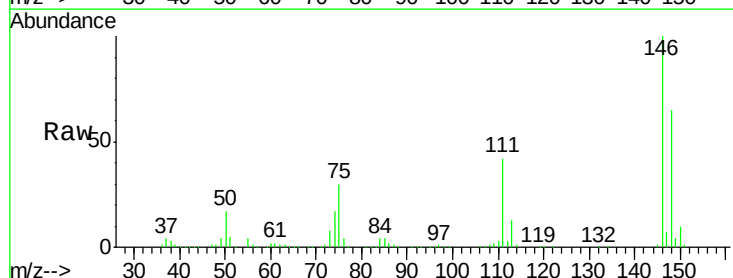
Tgt Ion: 146 Resp: 418592

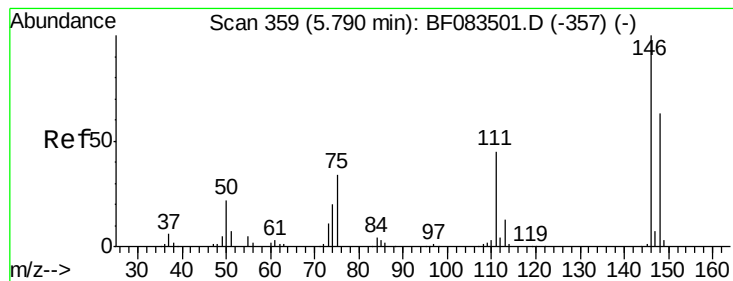
Ion Ratio Lower Upper

146 100

148 64.9 51.3 76.9

75 29.9 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 35.94 ng

RT: 5.79 min Scan# 359

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

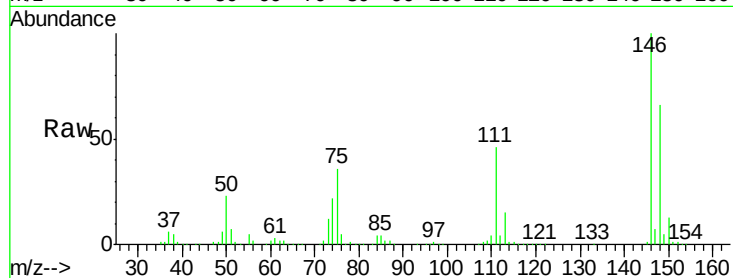
Tot Ion:146 Resp: 428946

Ion Ratio Lower Upper

146 100

148 66.1 50.6 76.0

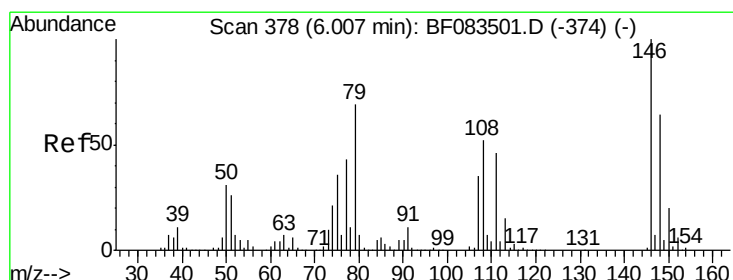
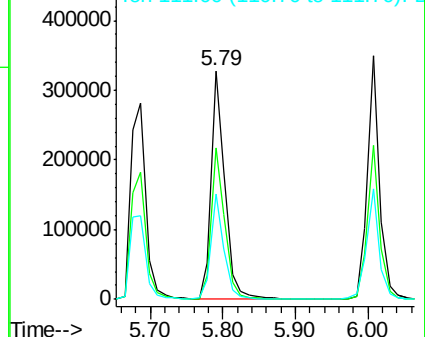
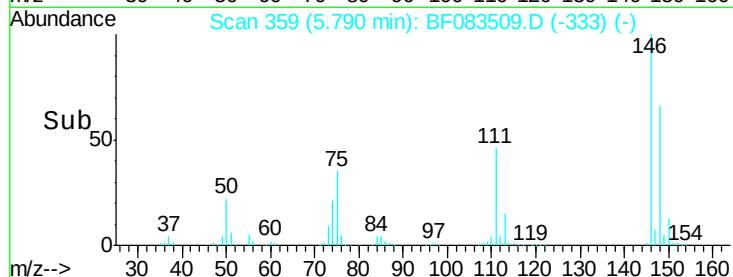
111 46.2 36.1 54.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.06 ng

RT: 6.01 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

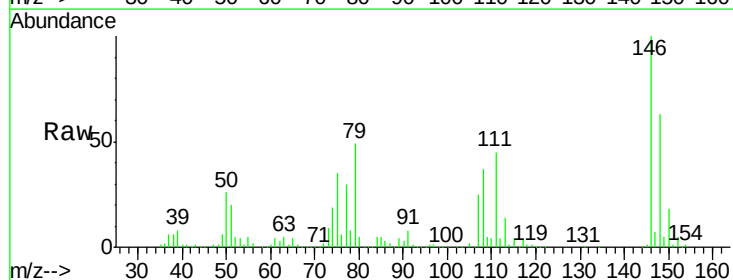
Tgt Ion:146 Resp: 406772

Ion Ratio Lower Upper

146 100

148 63.5 51.4 77.0

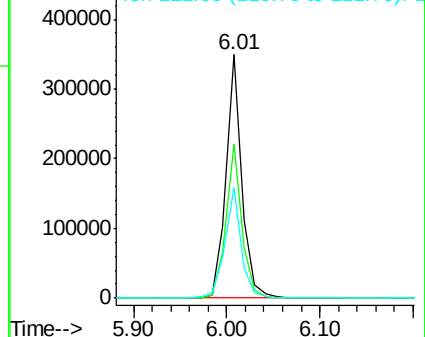
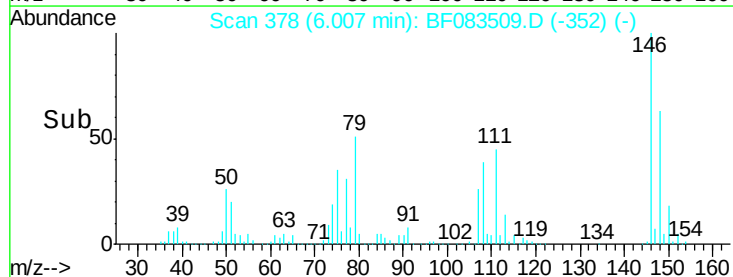
111 45.3 36.7 55.1

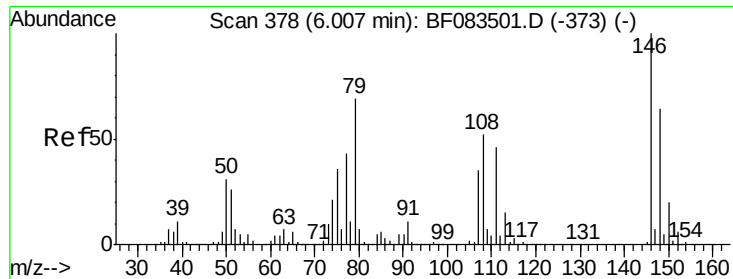


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

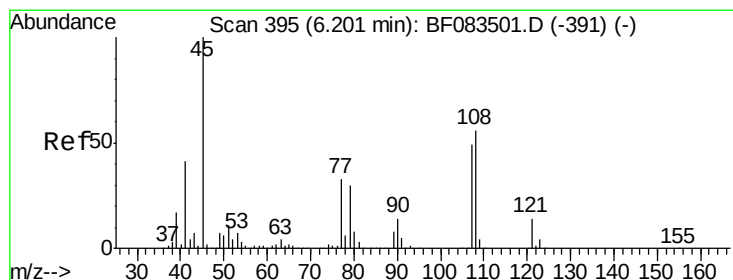
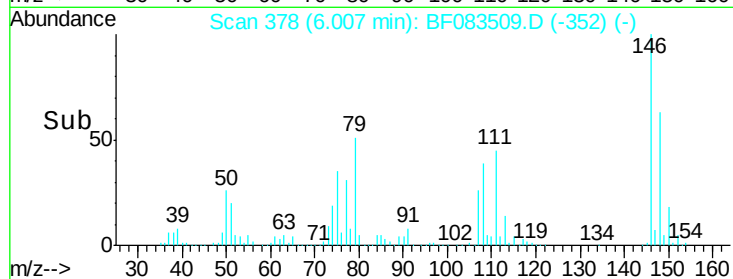
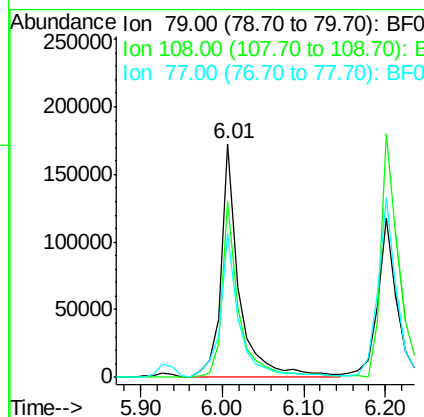
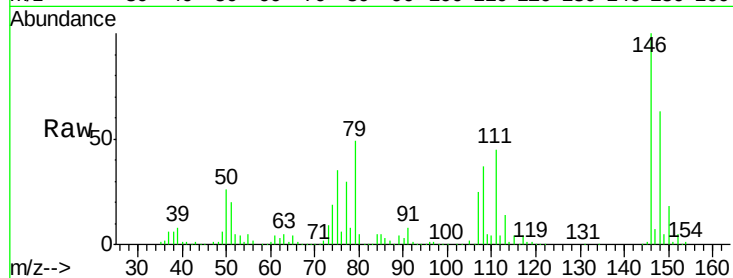




#15
Benzyl Alcohol
Concen: 28.91 ng
RT: 6.01 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

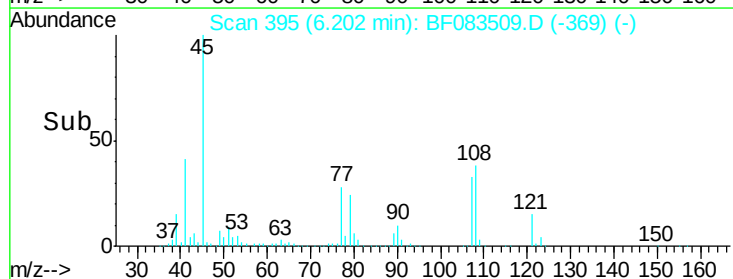
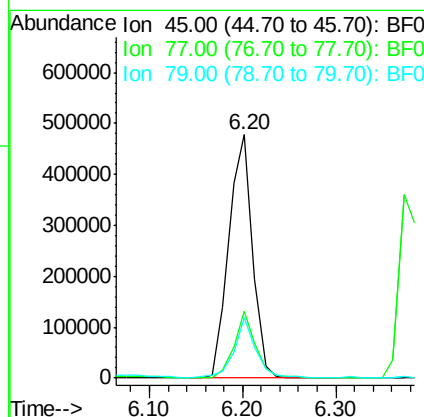
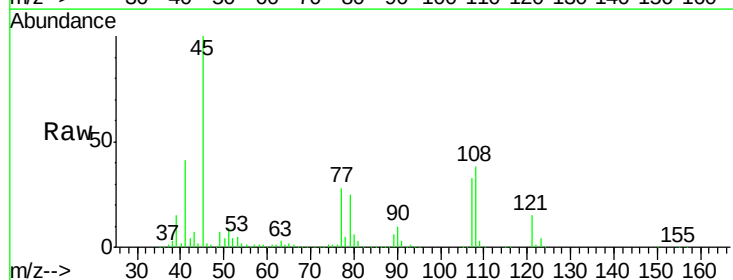
Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

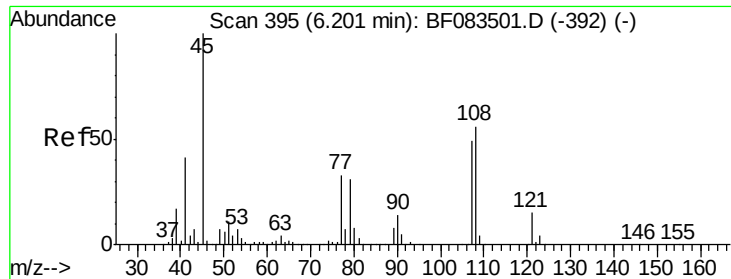
Tot Ion: 79 Resp: 261858
Ion Ratio Lower Upper
79 100
108 75.5 59.6 89.4
77 61.5 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.27 ng
RT: 6.20 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion: 45 Resp: 844880
Ion Ratio Lower Upper
45 100
77 27.8 12.8 52.8
79 24.7 10.7 50.7





#17

2-Methylphenol

Concen: 27.44 ng

RT: 6.20 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

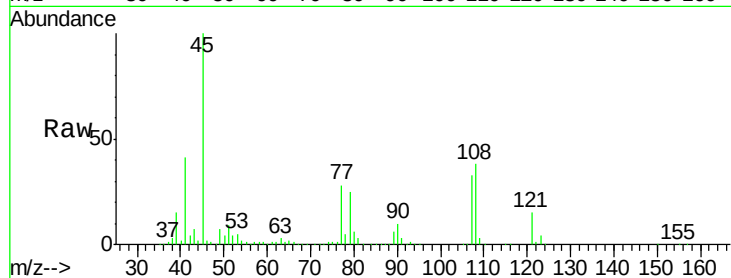
Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

Tot Ion:	107	Resp:	238680
Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.6	137.4
77	83.3	53.7	80.5#
79	74.1	50.2	75.4



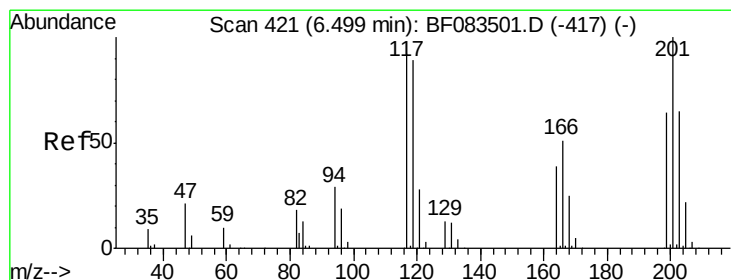
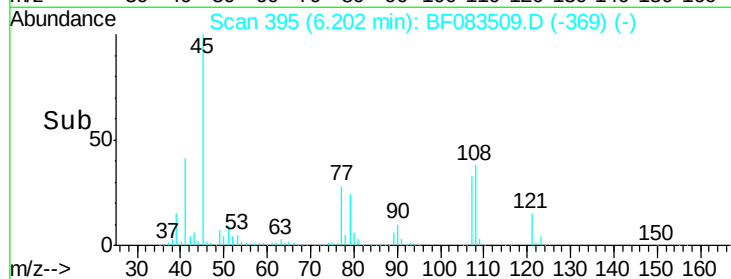
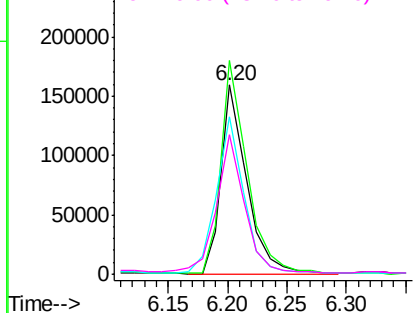
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.93 ng

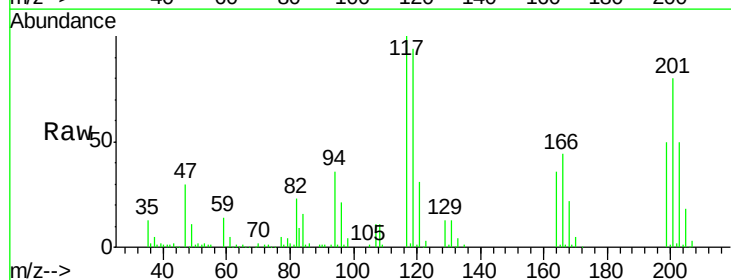
RT: 6.49 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Tgt Ion:	117	Resp:	149674
Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.2	115.8
201	79.7	86.8	130.2#

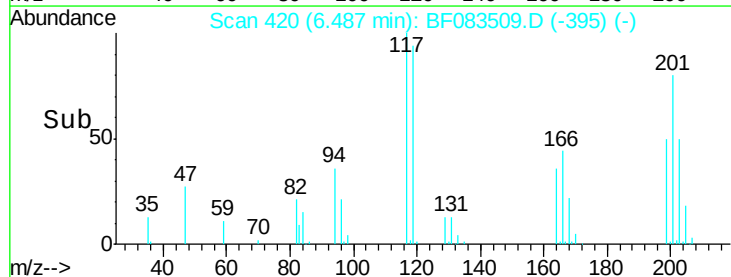
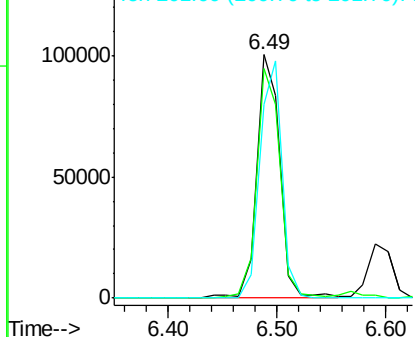


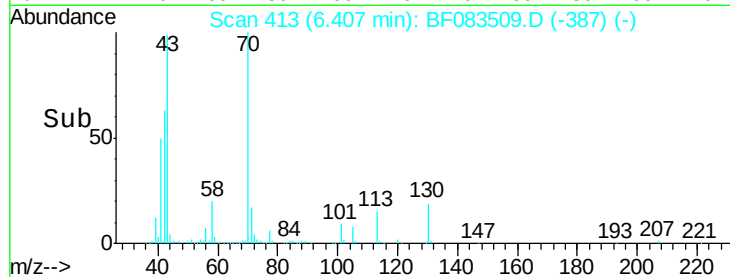
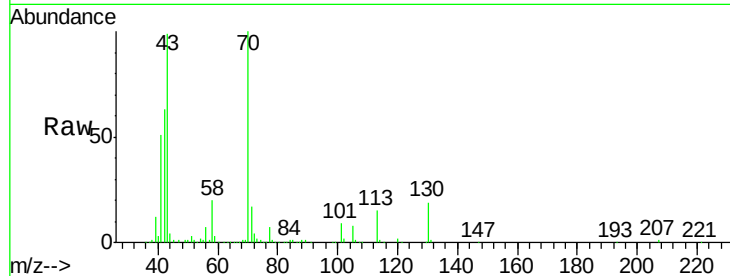
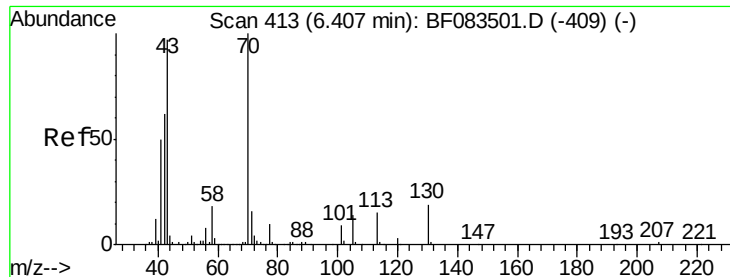
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

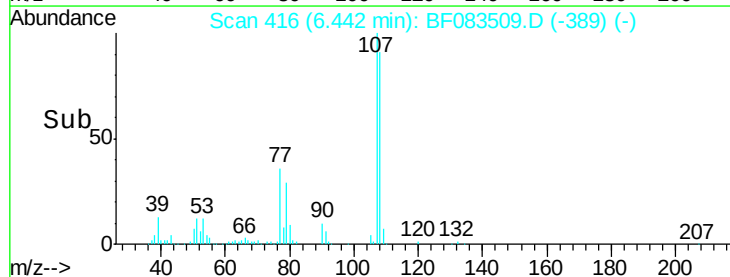
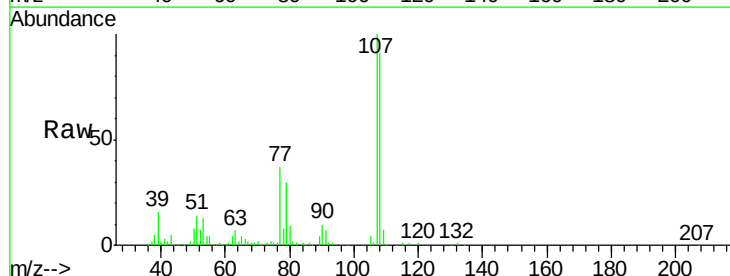
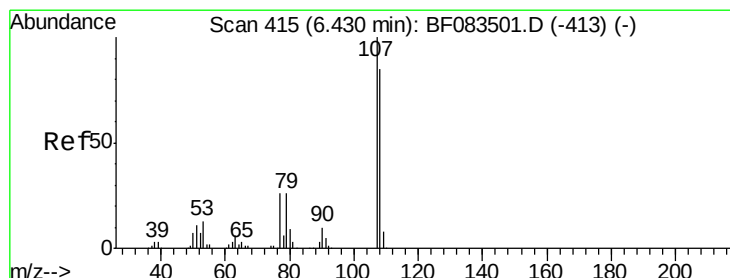
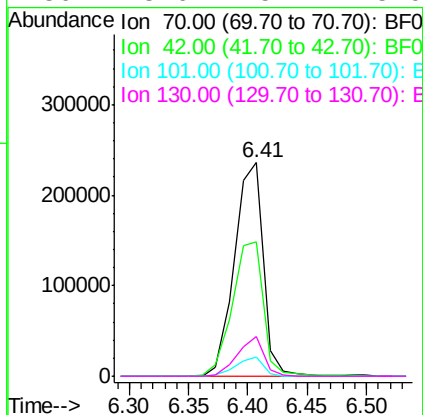




#19
n-Nitroso-di-n-propylamine
Concen: 46.00 ng
RT: 6.41 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

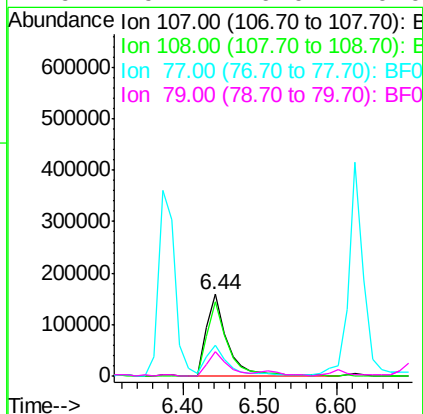
Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

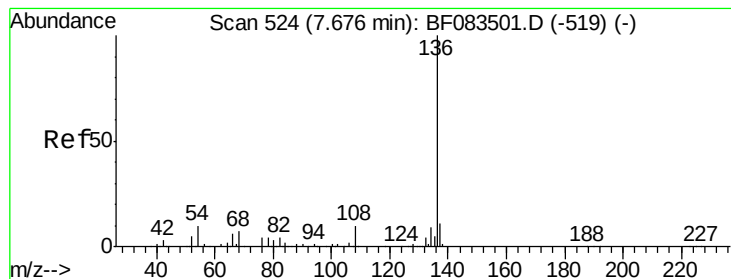
Tot Ion:	70	Resp:	400721
Ion	Ratio	Lower	Upper
70	100		
42	63.0	49.2	73.8
101	9.1	7.1	10.7
130	18.6	15.4	23.0



#20
3+4-Methylphenols
Concen: 25.73 ng
RT: 6.44 min Scan# 416
Delta R.T. 0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion:	107	Resp:	290755
Ion	Ratio	Lower	Upper
107	100		
108	91.1	65.2	105.2
77	37.2	15.2	55.2
79	29.7	6.0	46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

Tot Ion:136 Resp: 553172

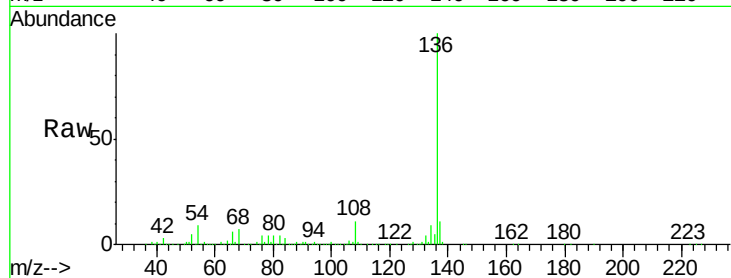
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 9.4 7.8 11.6

68 6.7 5.7 8.5

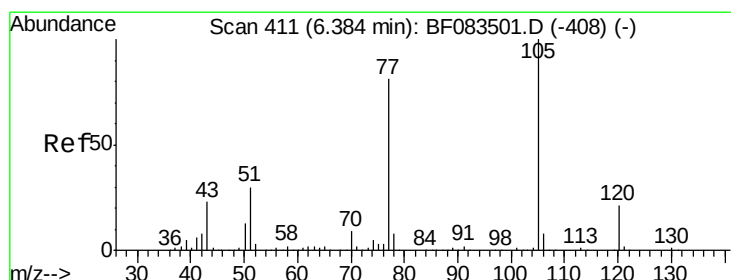
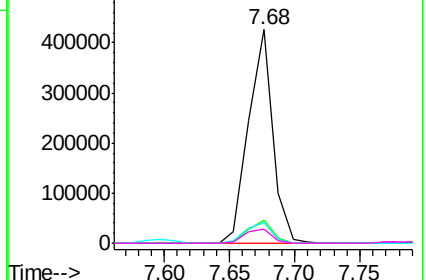
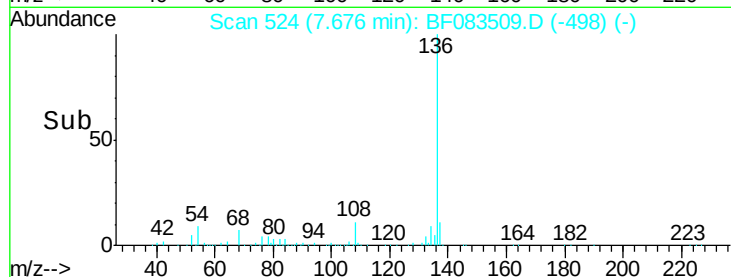


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.12 ng

RT: 6.37 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Tgt Ion:105 Resp: 671179

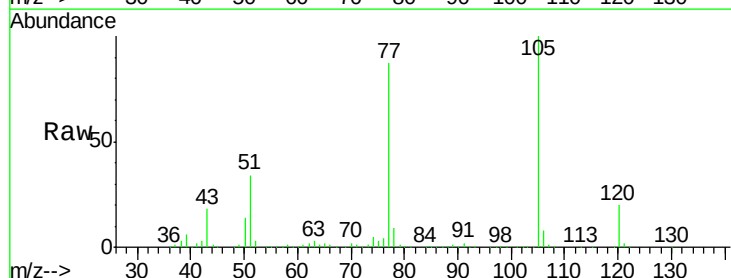
Ion Ratio Lower Upper

105 100

71 0.5 1.3 1.9#

51 34.2 23.8 35.8

120 19.7 16.7 25.1

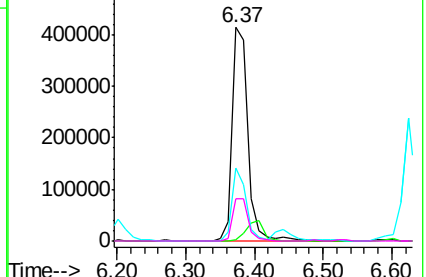
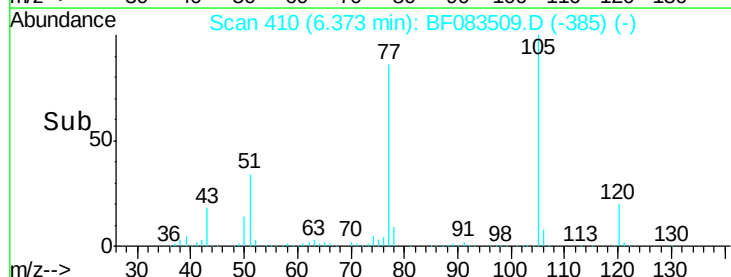


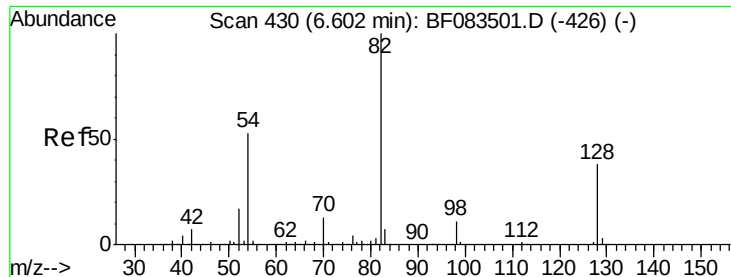
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

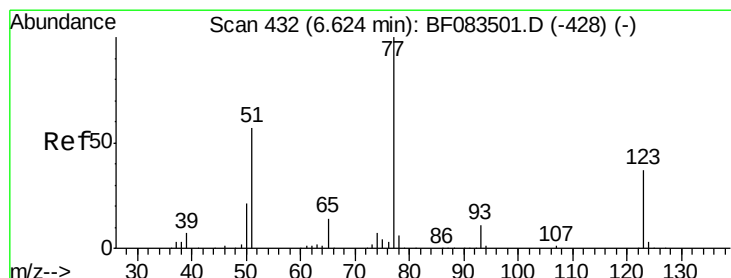
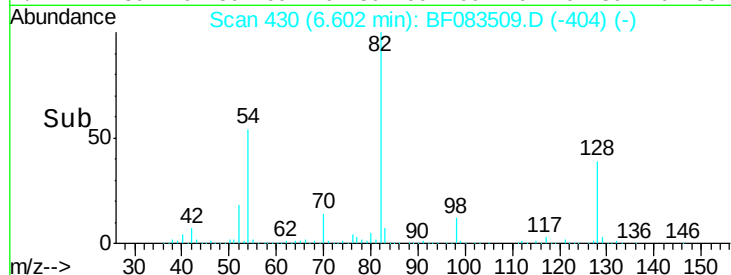
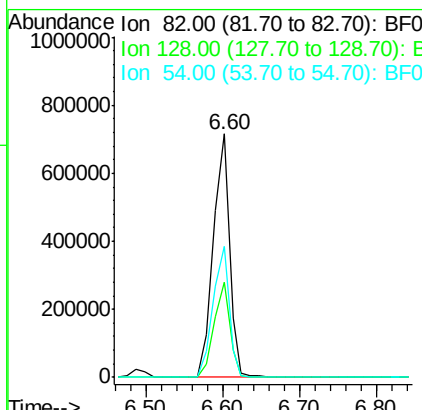
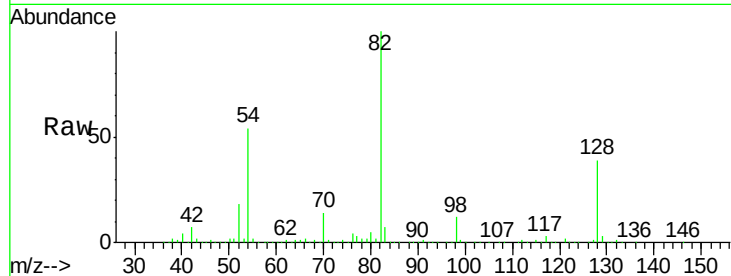




#23
Nitrobenzene-d5
Concen: 89.27 ng
RT: 6.60 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

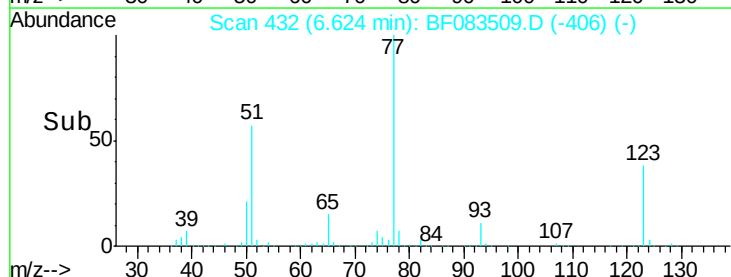
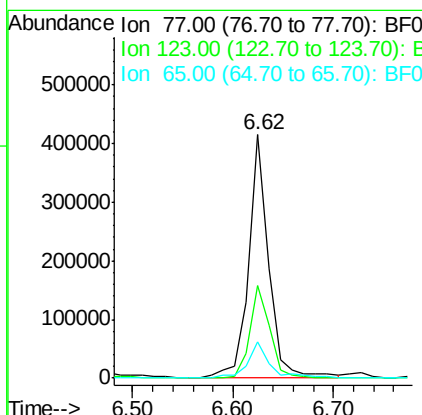
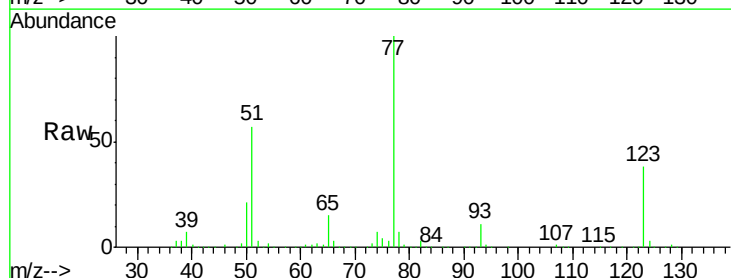
Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

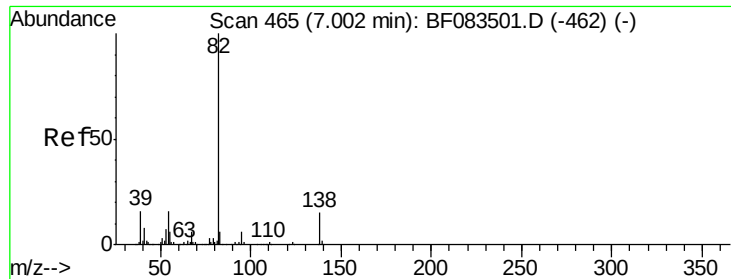
Tot Ion: 82 Resp: 1056462
Ion Ratio Lower Upper
82 100
128 39.2 30.7 46.1
54 53.7 42.5 63.7



#24
Nitrobenzene
Concen: 43.18 ng
RT: 6.62 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion: 77 Resp: 562797
Ion Ratio Lower Upper
77 100
123 37.8 29.8 44.6
65 14.8 11.1 16.7





#25

Isophorone

Concen: 44.46 ng

RT: 7.00 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

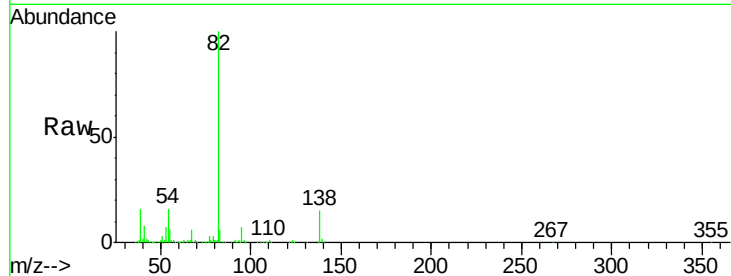
Tot Ion: 82 Resp: 1010458

Ion Ratio Lower Upper

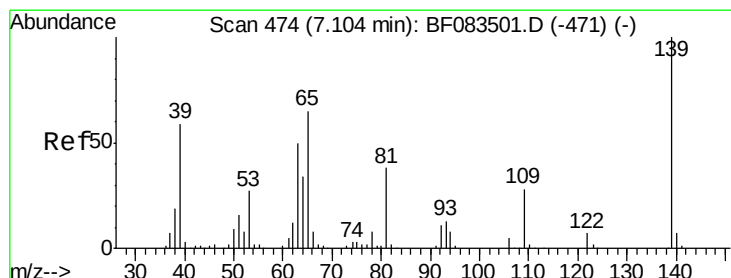
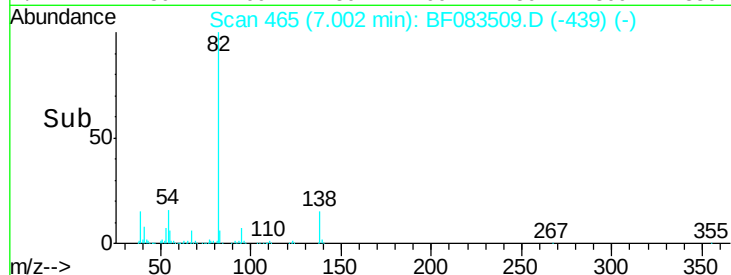
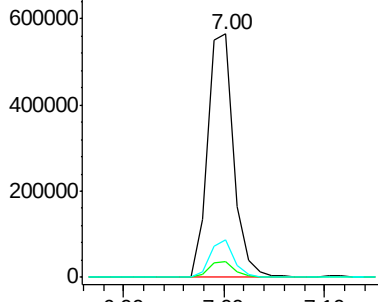
82 100

95 6.6 5.0 7.4

138 15.2 12.1 18.1



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



#26

2-Nitrophenol

Concen: 42.30 ng

RT: 7.10 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

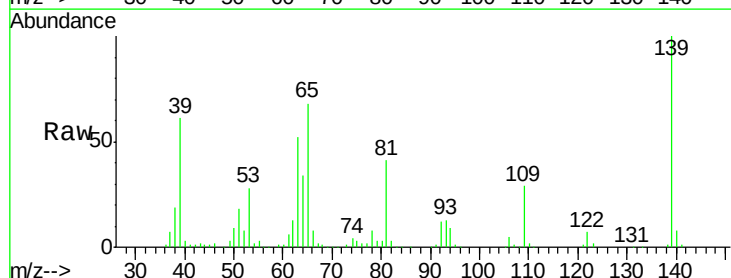
Tgt Ion: 139 Resp: 217553

Ion Ratio Lower Upper

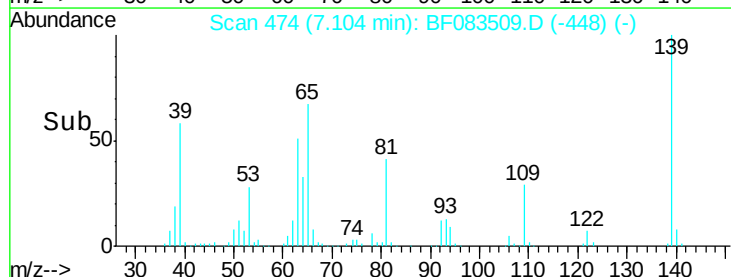
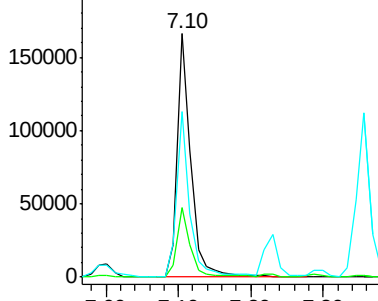
139 100

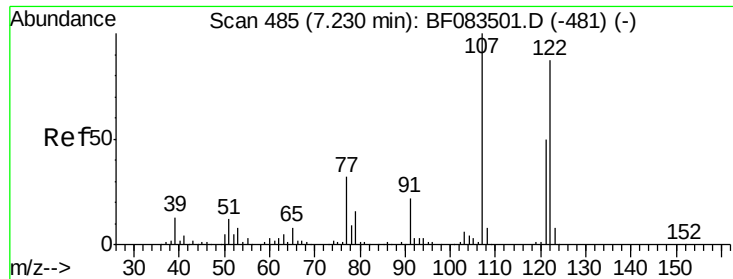
109 28.7 22.7 34.1

65 67.9 51.8 77.8



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

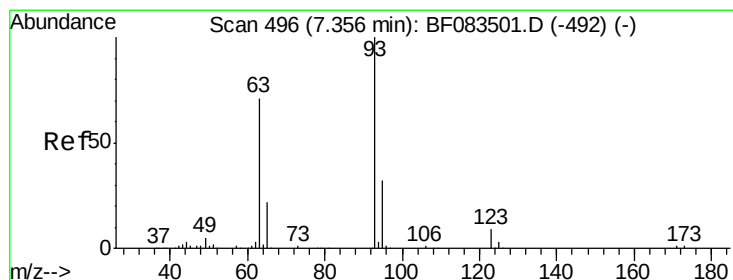
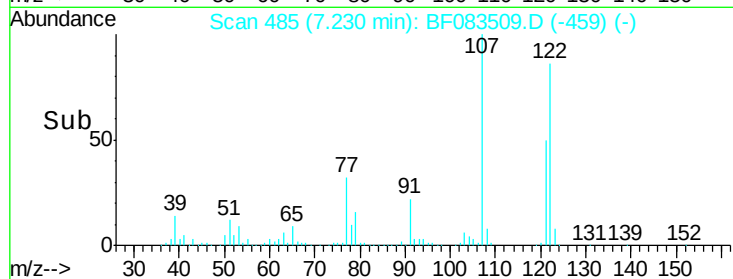
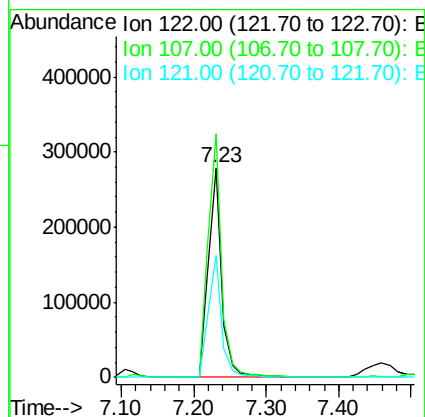
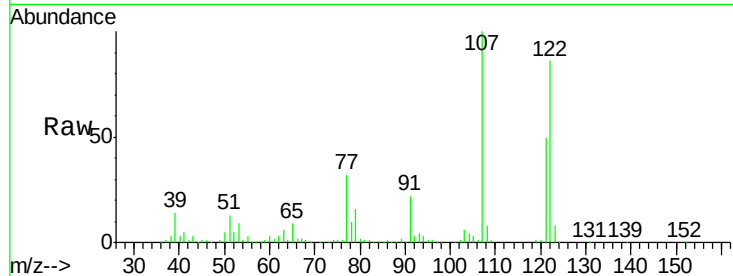




#27
 2,4-Dimethylphenol
 Concen: 39.02 ng
 RT: 7.23 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

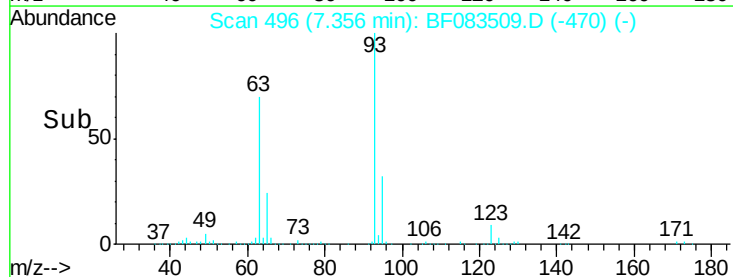
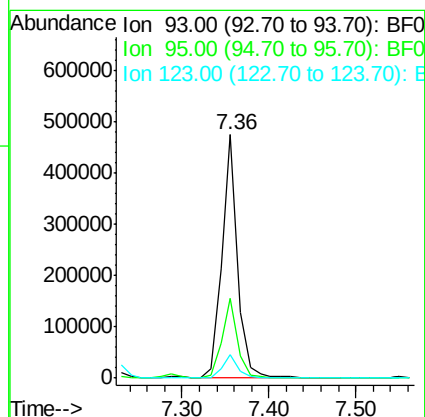
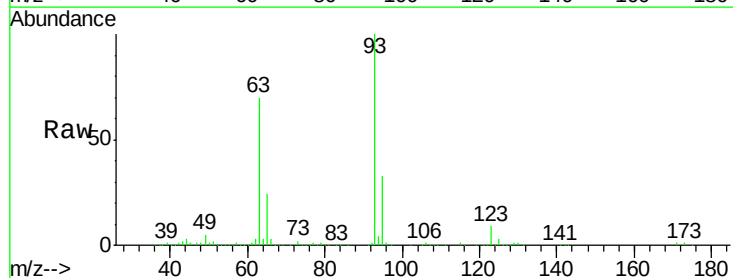
Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MS

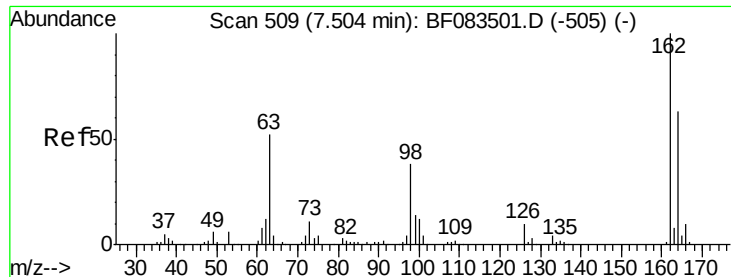
Tot Ion:122 Resp: 354555
 Ion Ratio Lower Upper
 122 100
 107 116.2 92.4 138.6
 121 58.3 45.8 68.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.03 ng
 RT: 7.36 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Tgt Ion: 93 Resp: 595596
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.6 38.4
 123 9.4 7.3 10.9

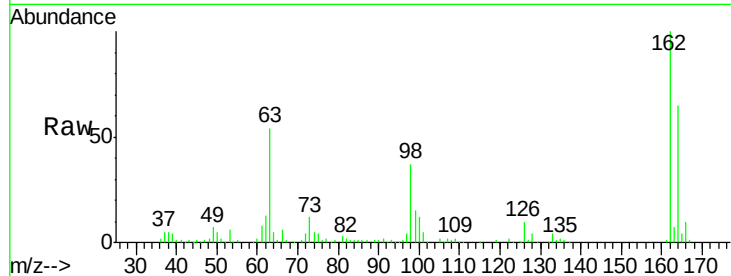




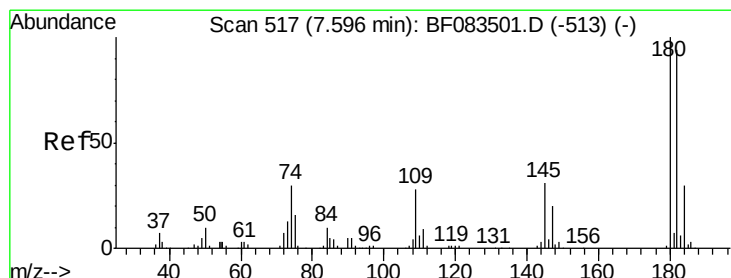
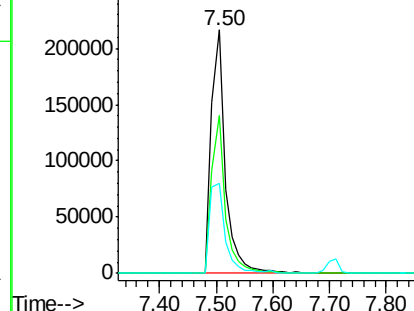
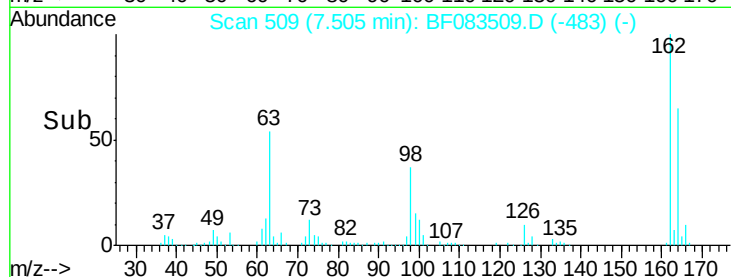
#29
 2,4-Dichlorophenol
 Concen: 43.62 ng
 RT: 7.50 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MS

Tot Ion:162 Resp: 357925
 Ion Ratio Lower Upper
 162 100
 164 65.1 43.4 83.4
 98 36.8 17.5 57.5

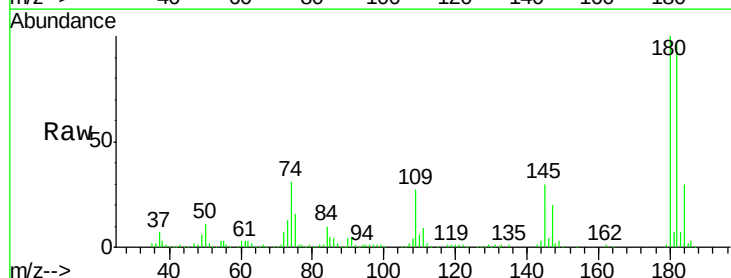


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

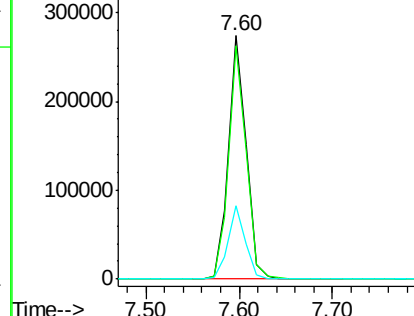
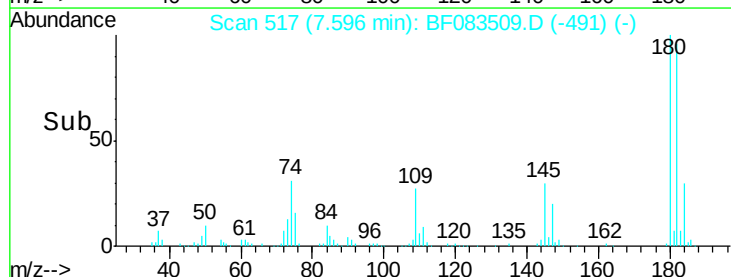


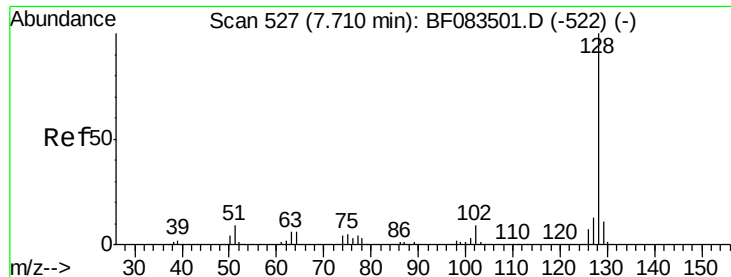
#30
 1,2,4-Trichlorobenzene
 Concen: 39.98 ng
 RT: 7.60 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Tgt Ion:180 Resp: 362737
 Ion Ratio Lower Upper
 180 100
 182 95.7 74.9 112.3
 145 30.4 24.7 37.1



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





#31

Naphthalene

Concen: 42.72 ng

RT: 7.71 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

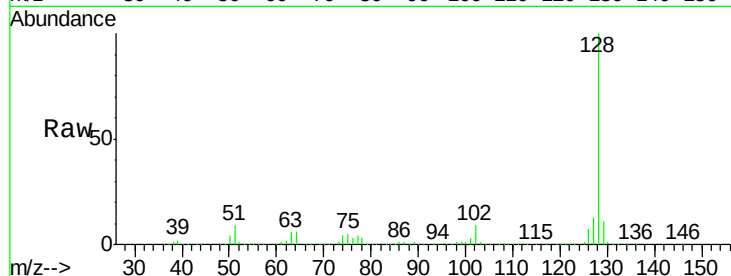
Tot Ion:128 Resp: 1257804

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

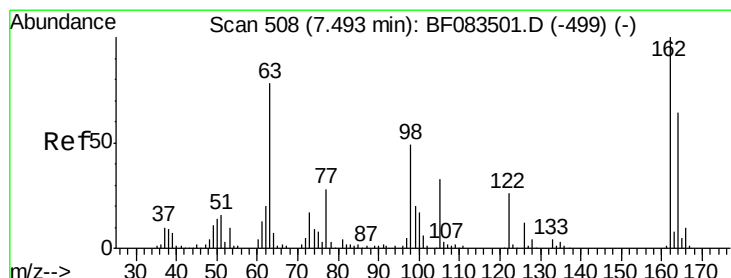
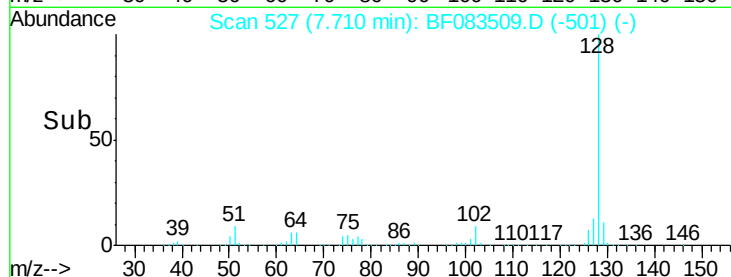
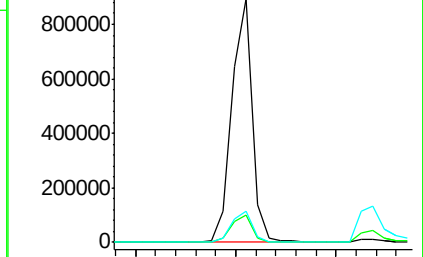
127 13.0 10.6 16.0



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: 14.31 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.03 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

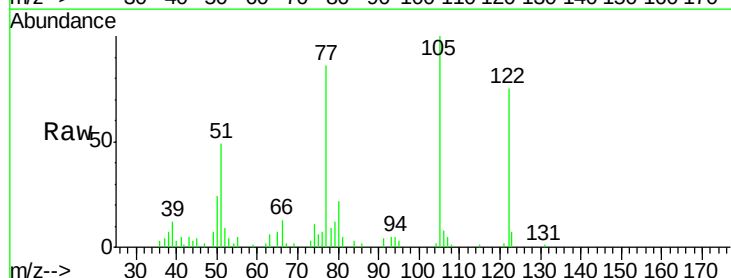
Tgt Ion:122 Resp: 61077

Ion Ratio Lower Upper

122 100

105 133.3 105.6 145.6

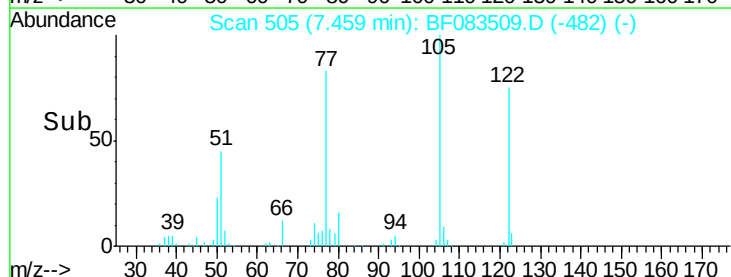
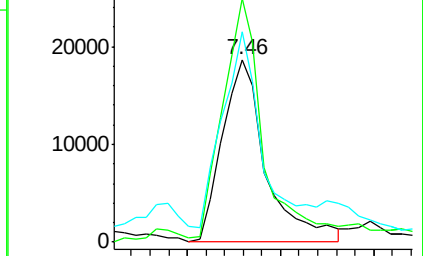
77 115.0 86.8 126.8

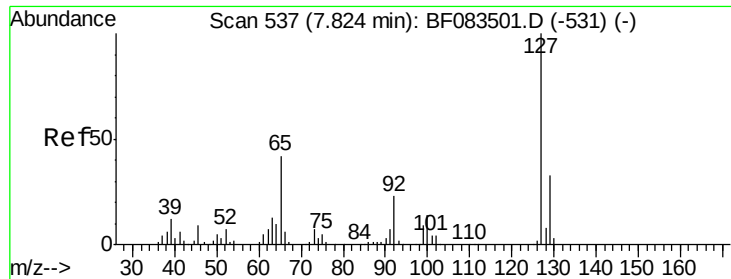


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

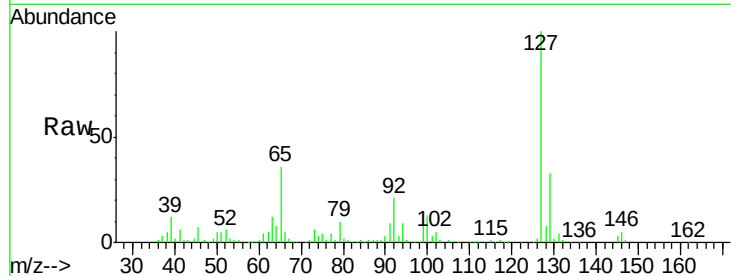




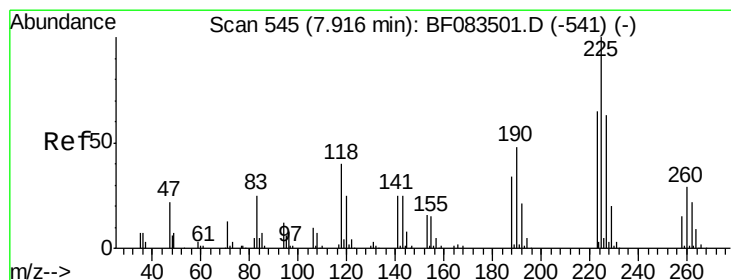
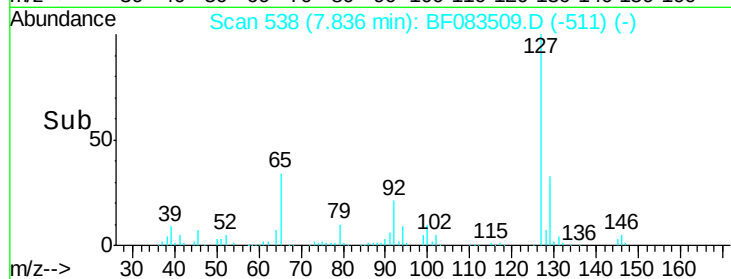
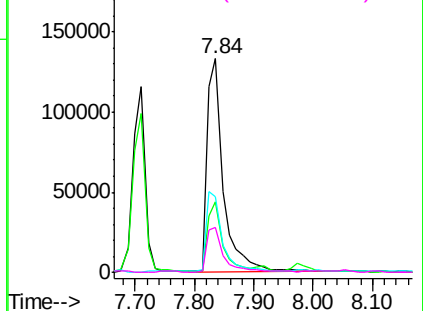
#33
4-Chloroaniline
Concen: 22.02 ng
RT: 7.84 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

Tot Ion:	127	Resp:	253617
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.1	39.1
65	35.6	33.5	50.3
92	21.1	18.6	28.0

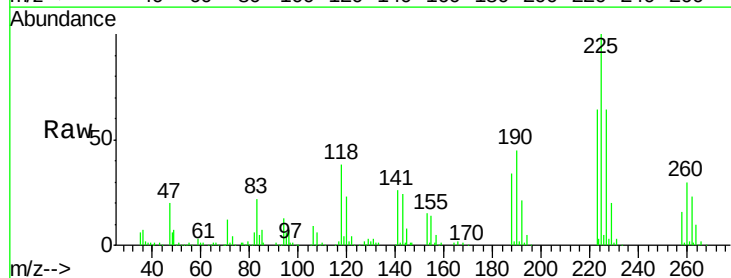


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

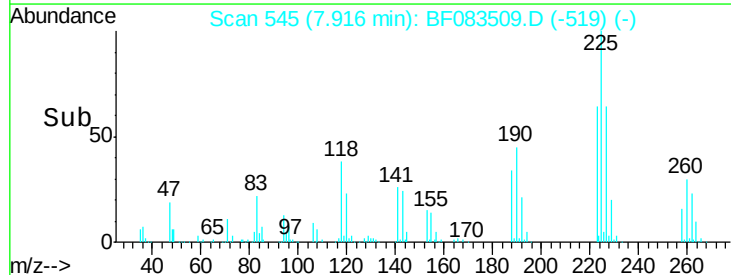
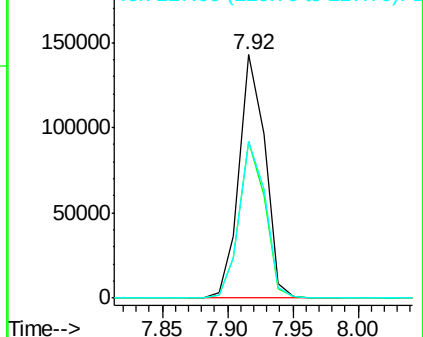


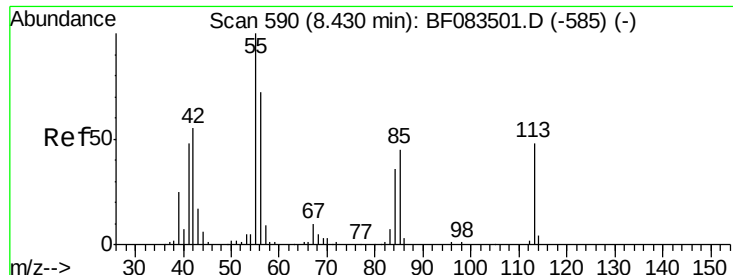
#34
Hexachlorobutadiene
Concen: 36.90 ng
RT: 7.92 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion:	225	Resp:	197830
Ion	Ratio	Lower	Upper
225	100		
223	64.4	52.3	78.5
227	64.1	50.4	75.6



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: 6.56 ng

RT: 8.43 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

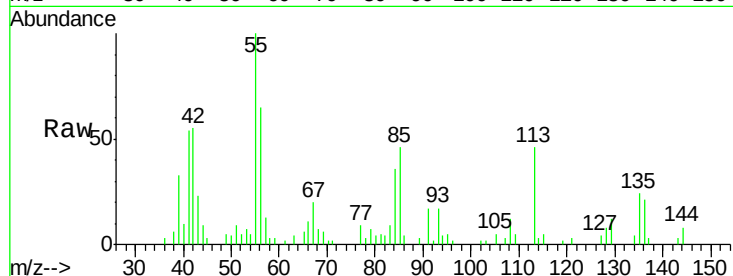
Tot Ion:113 Resp: 17131

Ion Ratio Lower Upper

113 100

55 219.6 189.7 229.7

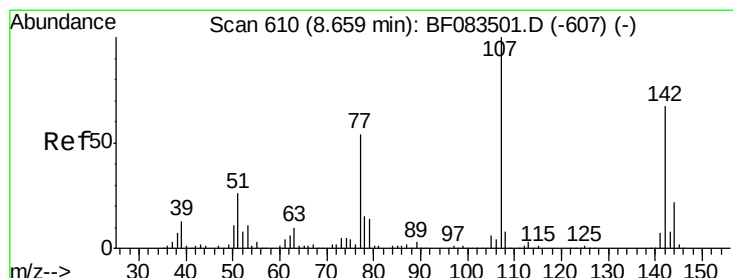
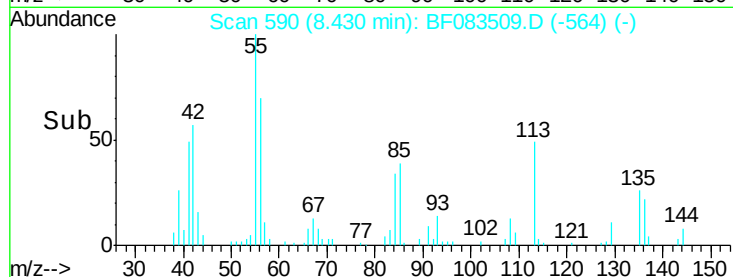
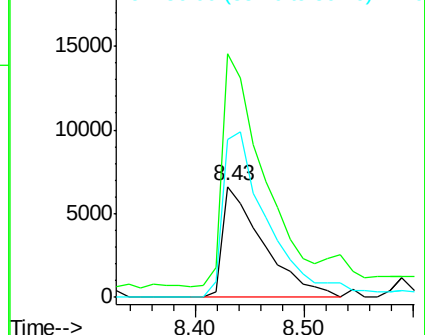
56 142.4 130.7 170.7



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: 39.92 ng

RT: 8.66 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

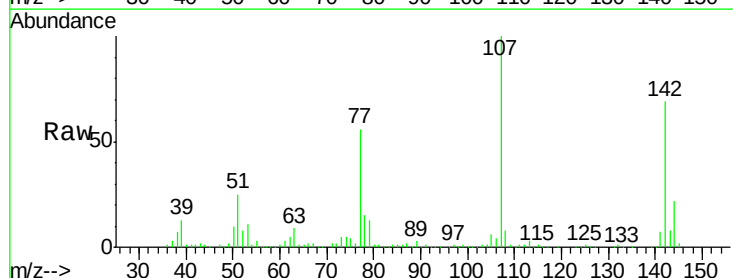
Tgt Ion:107 Resp: 368676

Ion Ratio Lower Upper

107 100

144 21.8 17.5 26.3

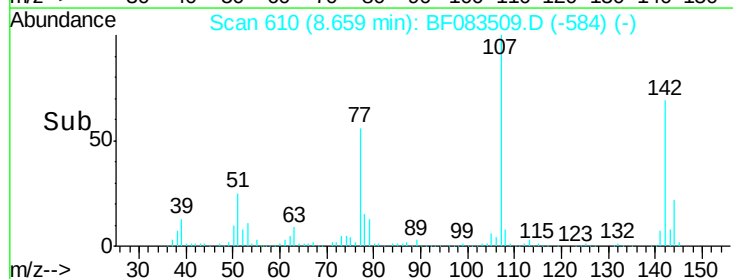
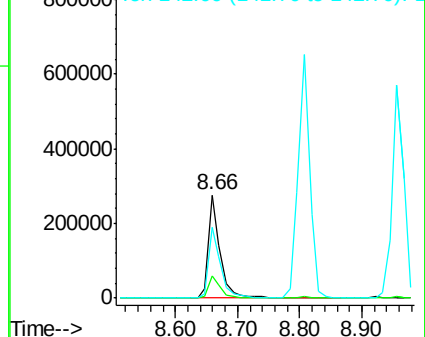
142 69.0 53.6 80.4

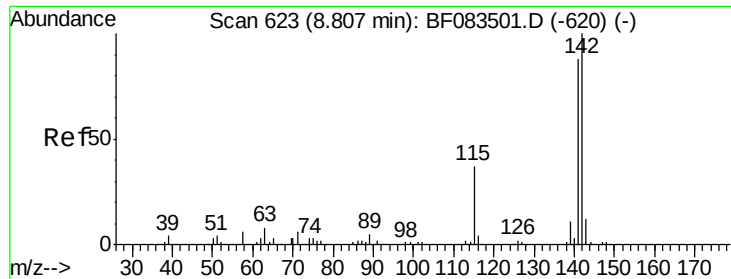


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

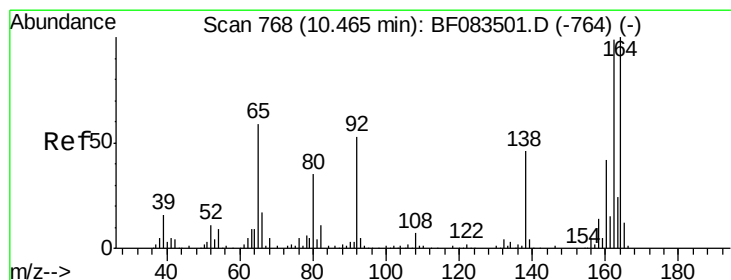
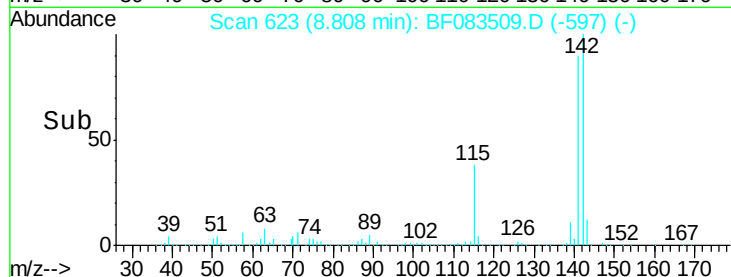
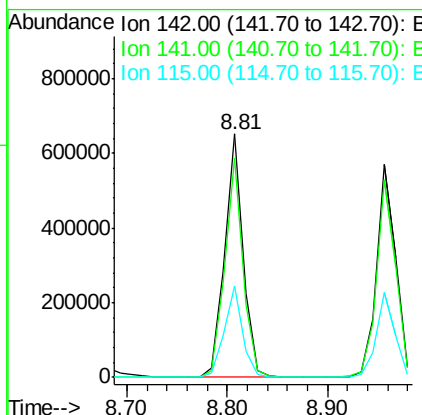
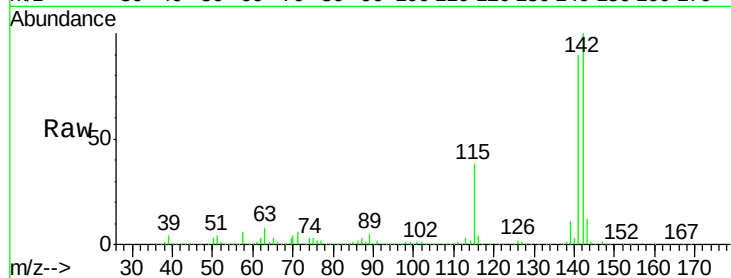




#37
2-Methylnaphthalene
Concen: 45.63 ng
RT: 8.81 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

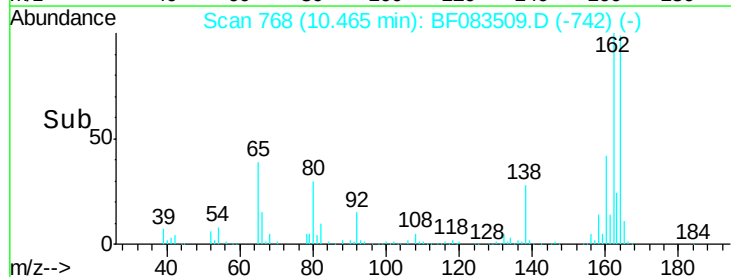
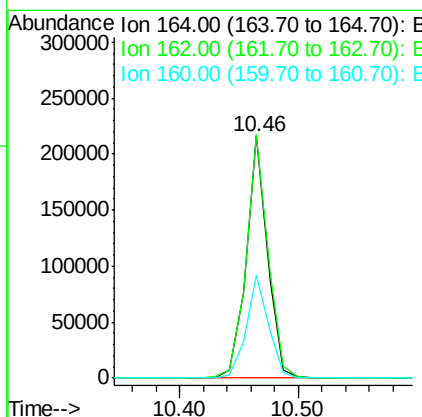
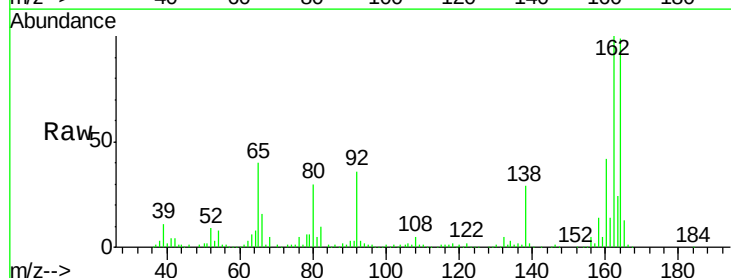
Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

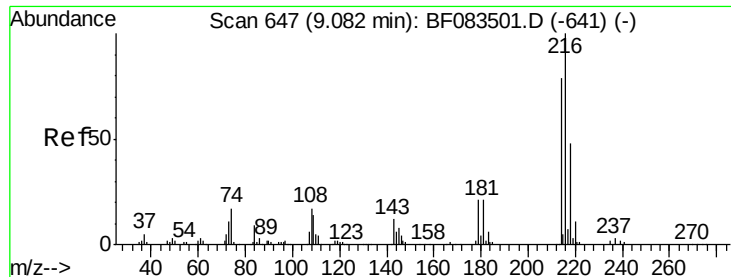
Tot Ion:142 Resp: 830839
Ion Ratio Lower Upper
142 100
141 90.1 70.3 105.5
115 37.7 29.2 43.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.46 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion:164 Resp: 271416
Ion Ratio Lower Upper
164 100
162 100.6 78.8 118.2
160 42.6 33.4 50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.28 ng

RT: 9.08 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

Tot Ion:216 Resp: 377326

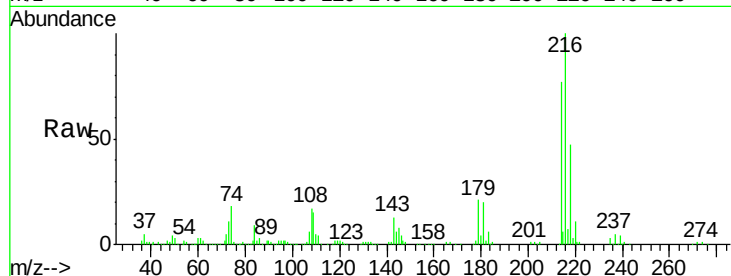
Ion Ratio Lower Upper

216 100

214 77.7 0.0 0.0#

179 21.1 0.0 0.0#

108 21.9 0.0 0.0#

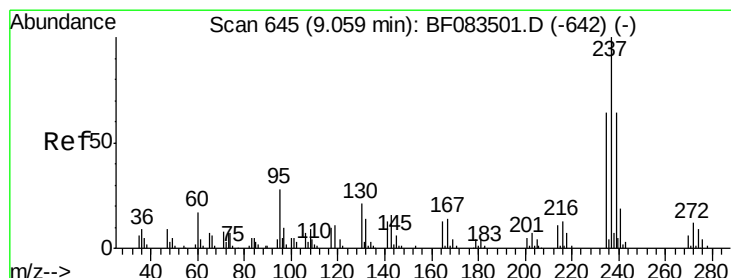
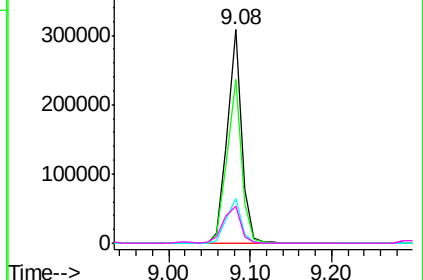
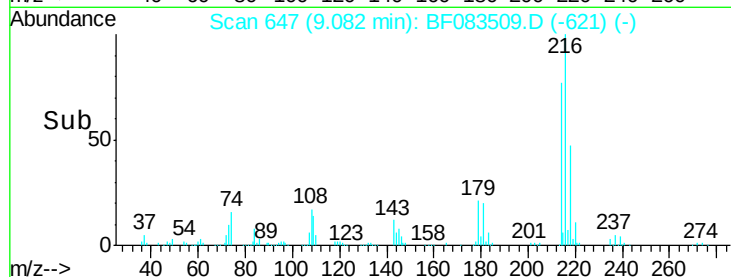


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 66.72 ng

RT: 9.07 min Scan# 646

Delta R.T. 0.01 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

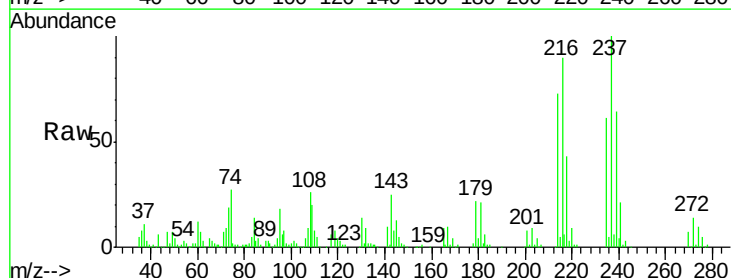
Tgt Ion:237 Resp: 226520

Ion Ratio Lower Upper

237 100

235 61.4 43.9 83.9

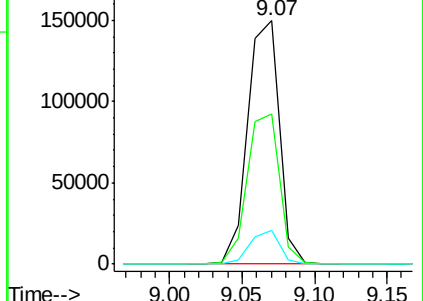
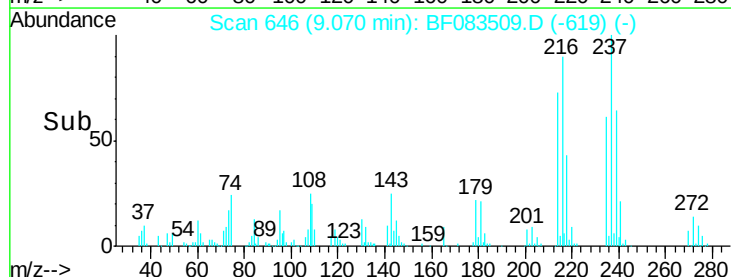
272 13.8 0.0 31.8

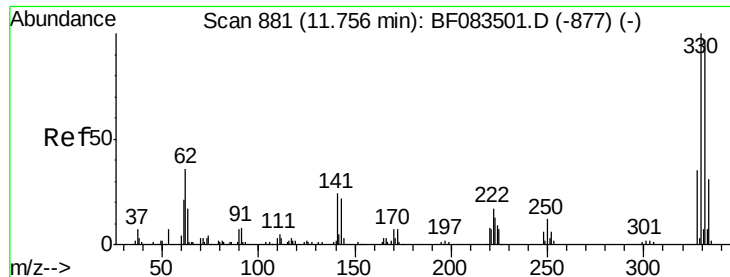


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

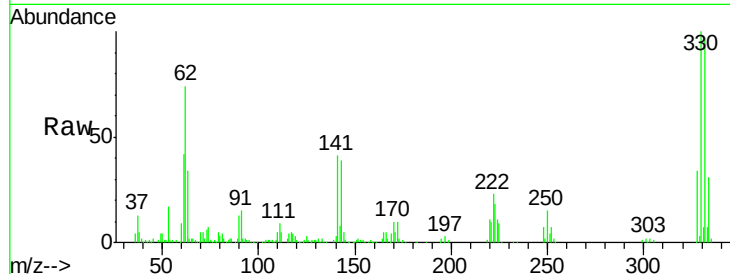




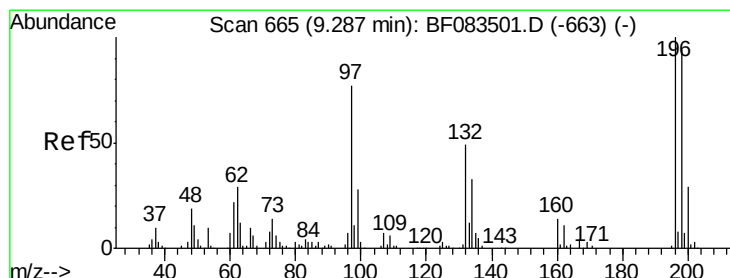
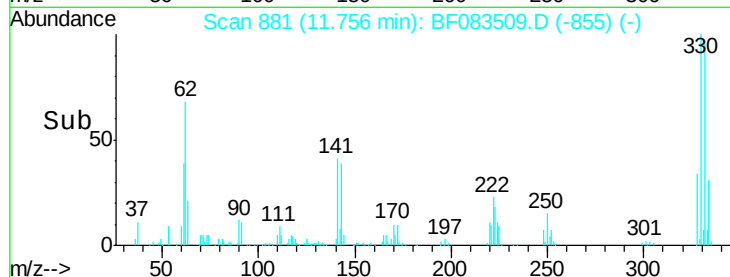
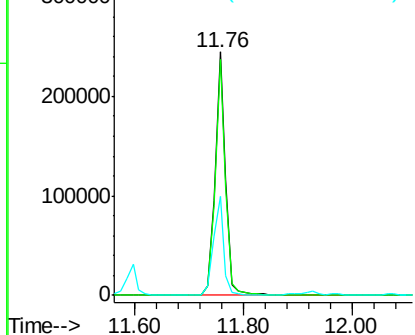
#41
 2,4,6-Tribromophenol
 Concen: 135.60 ng
 RT: 11.76 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MS

Tot Ion:330 Resp: 339508
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 39.9 0.0 0.0#

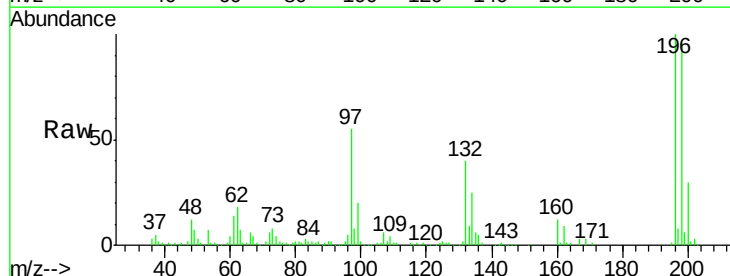


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

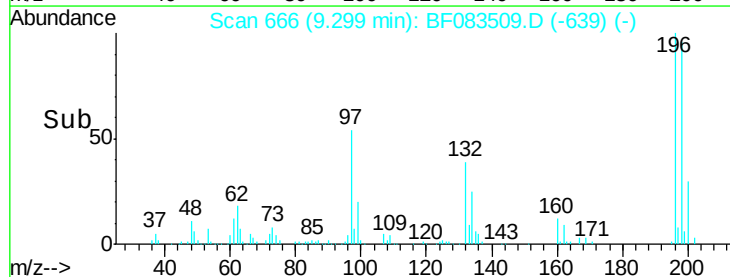
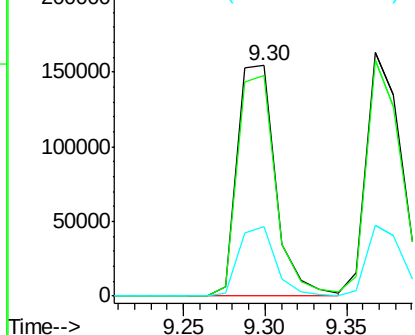


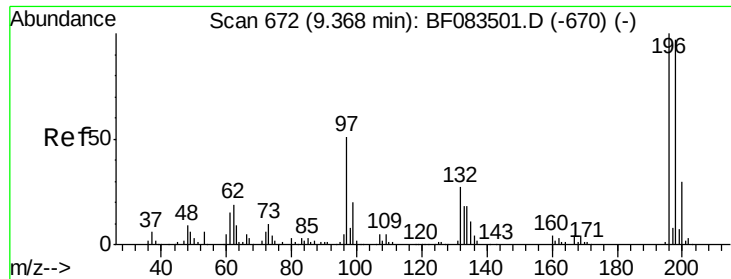
#42
 2,4,6-Trichlorophenol
 Concen: 44.65 ng
 RT: 9.30 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Tgt Ion:196 Resp: 250167
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.2 112.8
 200 30.3 23.0 34.6



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

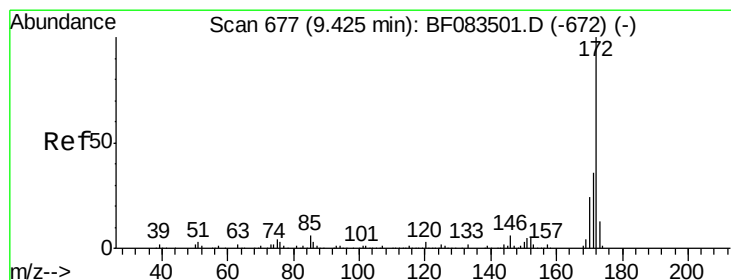
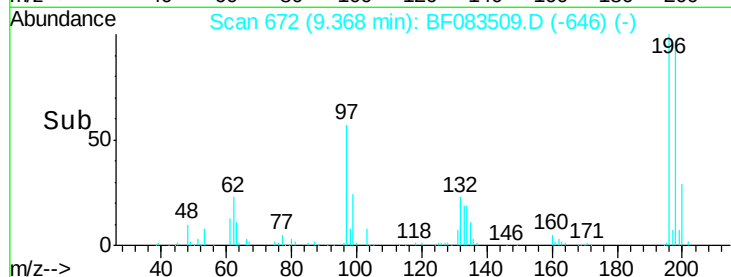
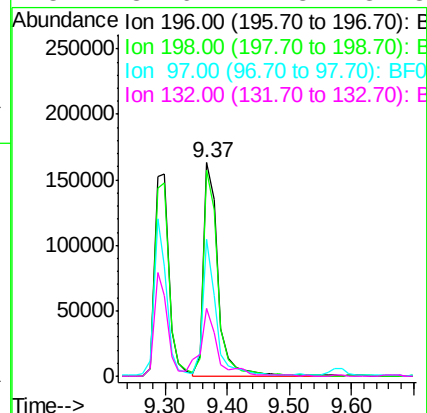
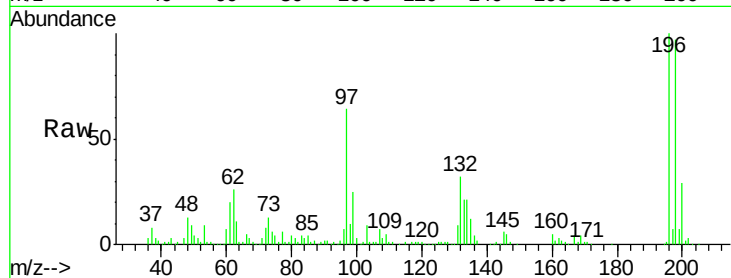




#43
 2,4,5-Trichlorophenol
 Concen: 46.33 ng
 RT: 9.37 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

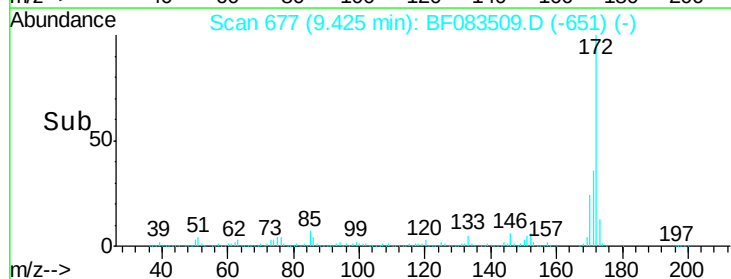
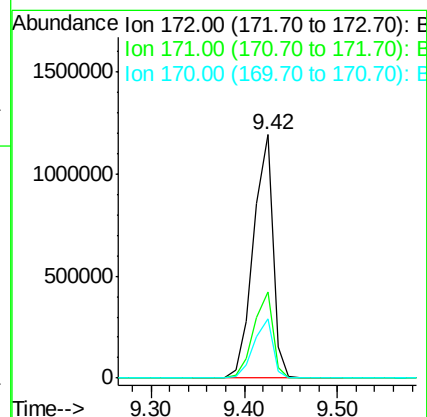
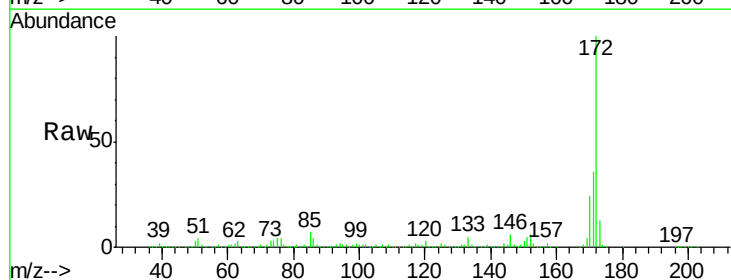
Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MS

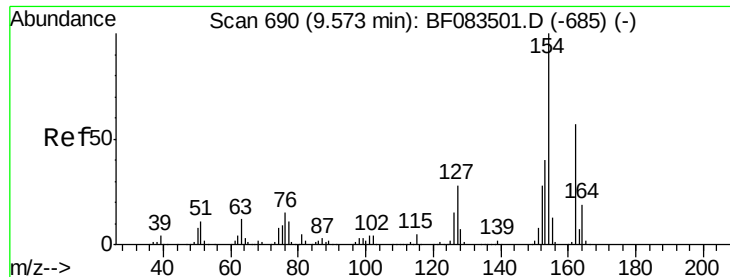
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	77.7	116.5
97	64.3	41.2	61.8
132	31.6	21.8	32.8



#44
 2-Fluorobiphenyl
 Concen: 86.92 ng
 RT: 9.42 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	24.3	19.4	29.0

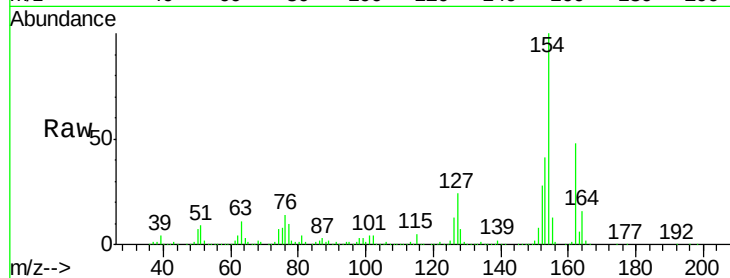




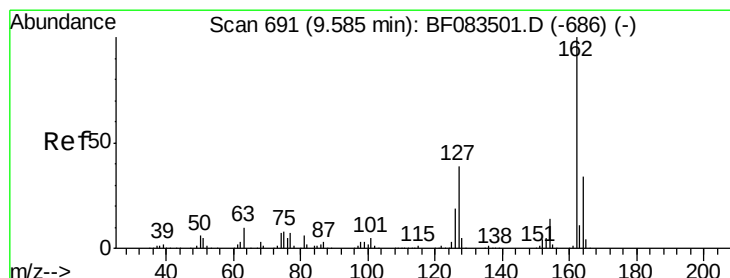
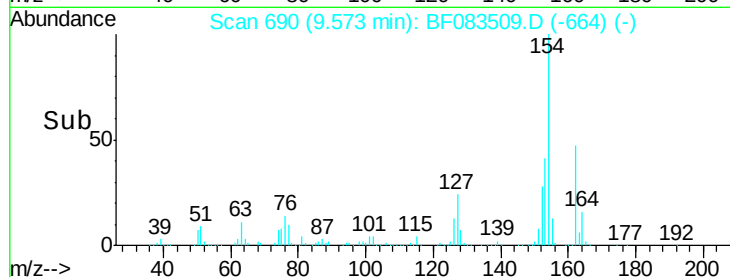
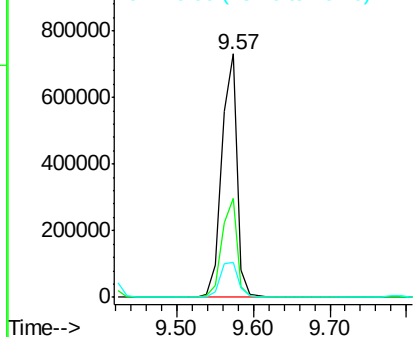
#45
 1,1'-Biphenyl
 Concen: 42.62 ng
 RT: 9.57 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MS

Tot Ion:154 Resp: 1027921
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.2 60.2
 76 14.4 0.0 34.8

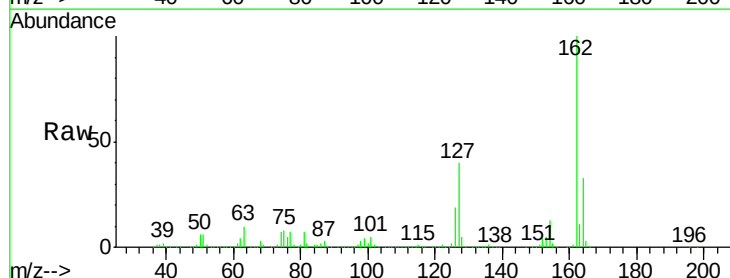


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

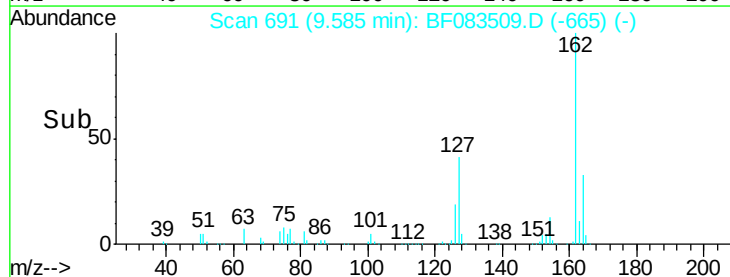
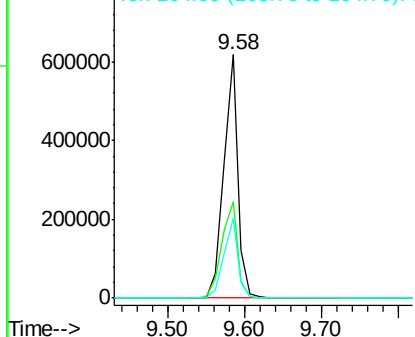


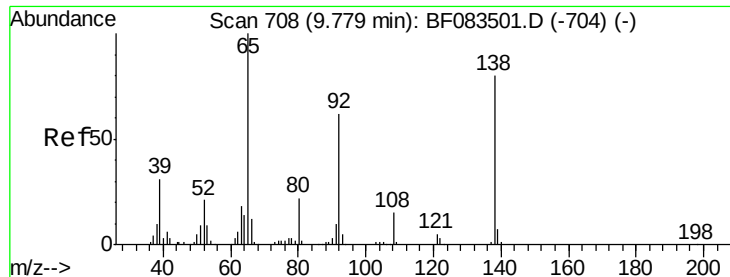
#46
 2-Chloronaphthalene
 Concen: 44.38 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Tgt Ion:162 Resp: 806592
 Ion Ratio Lower Upper
 162 100
 127 39.7 31.0 46.4
 164 32.5 27.4 41.0



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: 48.94 ng

RT: 9.79 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

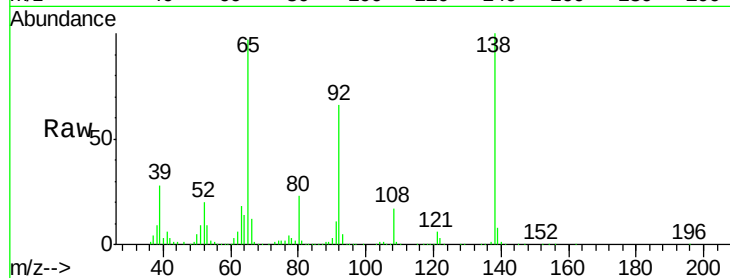
Tot Ion: 65 Resp: 316844

Ion Ratio Lower Upper

65 100

92 68.7 49.6 74.4

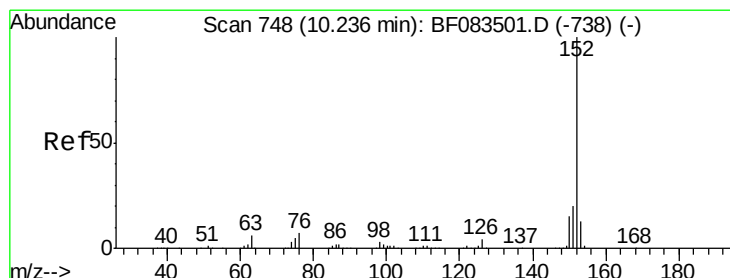
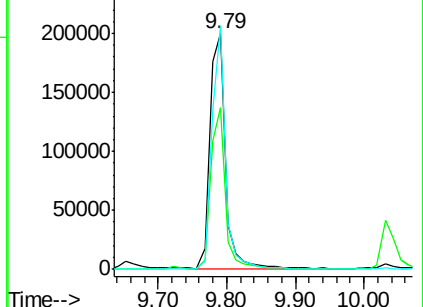
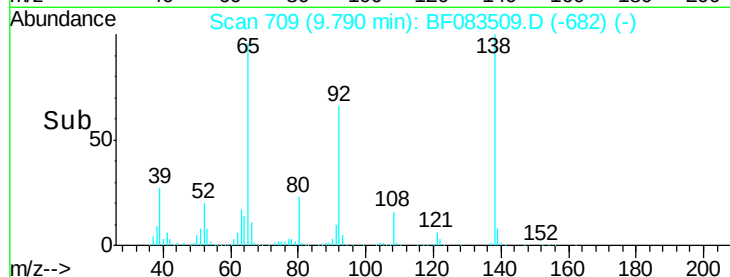
138 103.4 64.1 96.1#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 43.63 ng

RT: 10.24 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

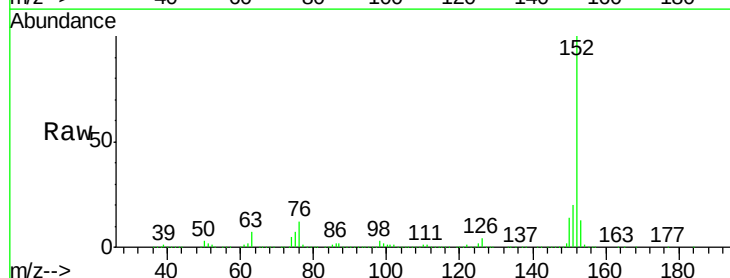
Tgt Ion:152 Resp: 1298561

Ion Ratio Lower Upper

152 100

151 19.9 16.3 24.5

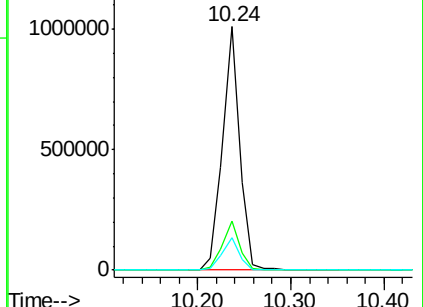
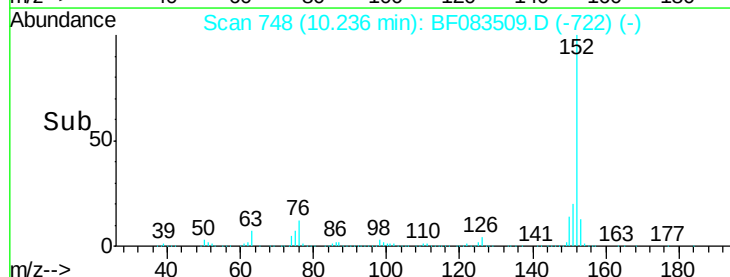
153 13.4 10.8 16.2

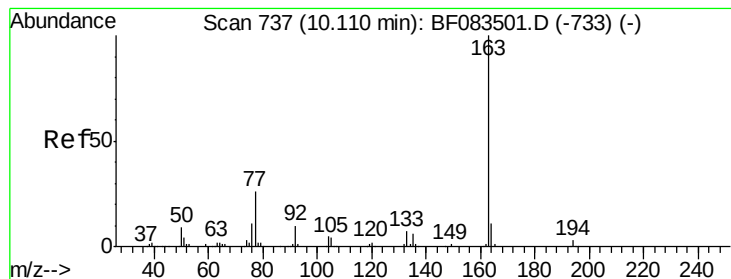


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 47.07 ng

RT: 10.12 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

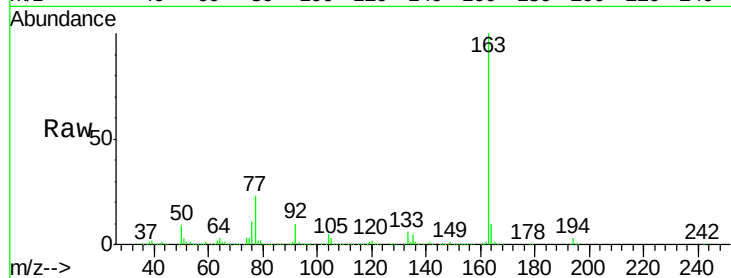
Tot Ion:163 Resp: 1005620

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

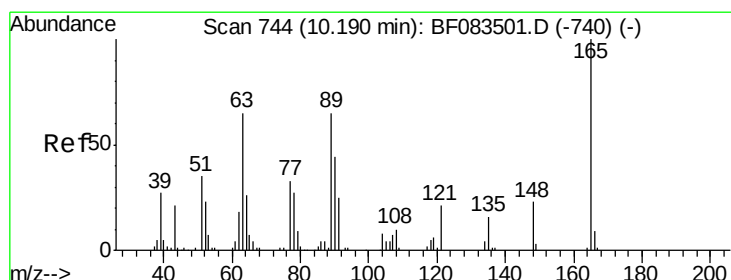
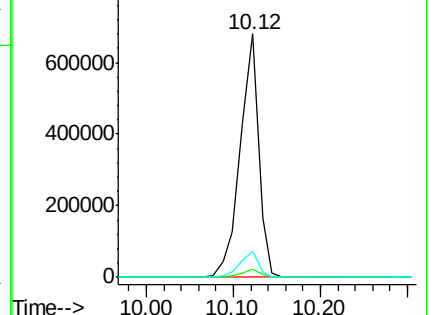
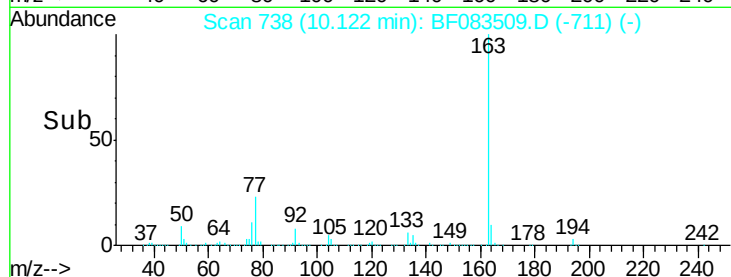
164 10.4 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.34 ng

RT: 10.20 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

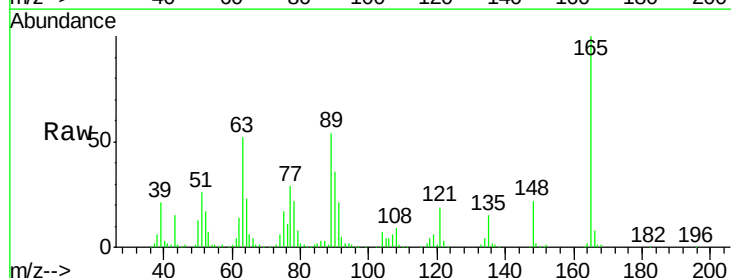
Tgt Ion:165 Resp: 221925

Ion Ratio Lower Upper

165 100

63 51.7 56.9 85.3#

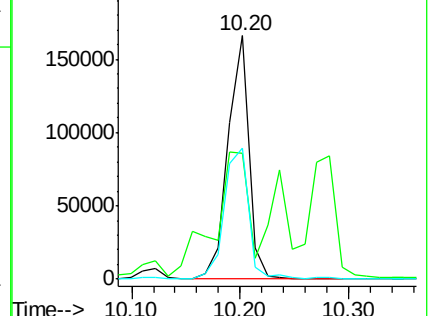
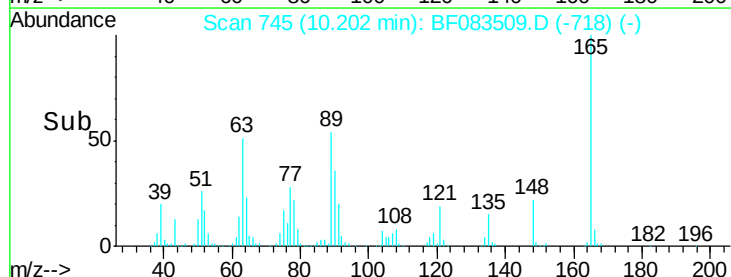
89 53.8 52.1 78.1

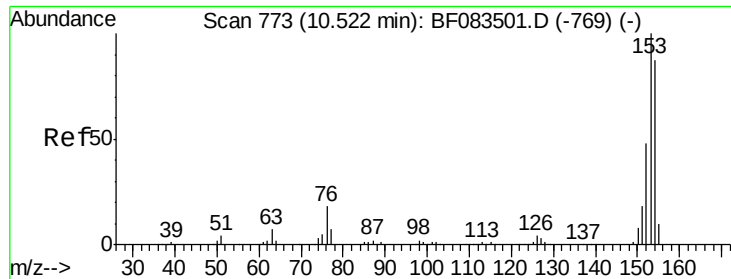


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.79 ng

RT: 10.52 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

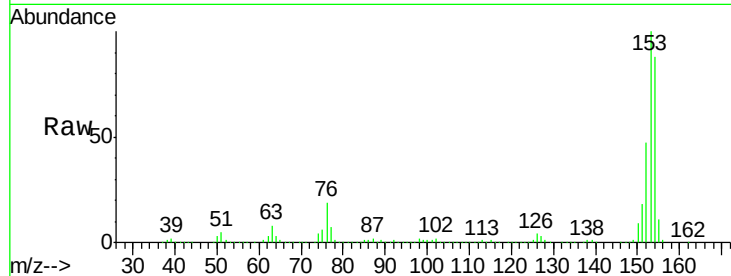
Tot Ion:154 Resp: 801207

Ion Ratio Lower Upper

154 100

153 114.2 91.4 137.0

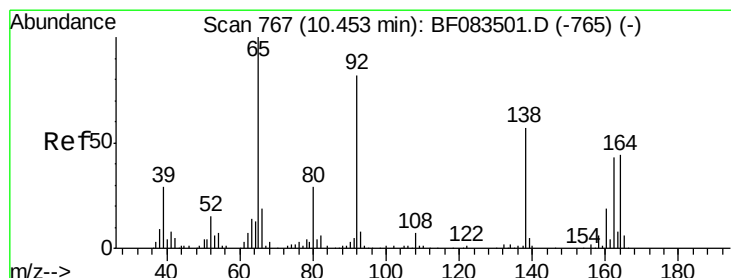
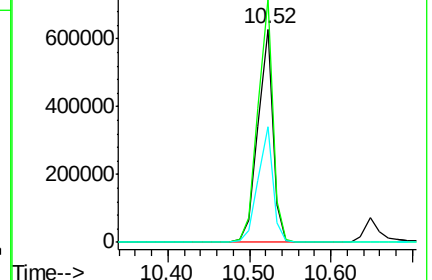
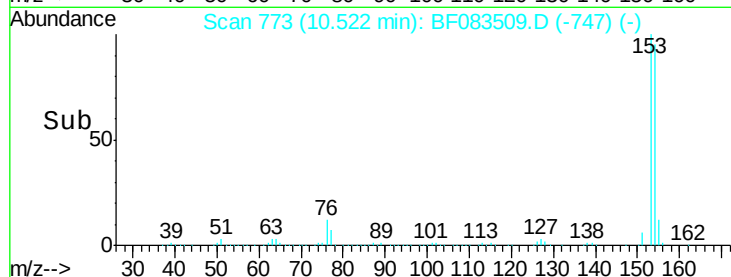
152 54.0 43.4 65.2



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: 24.86 ng

RT: 10.46 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

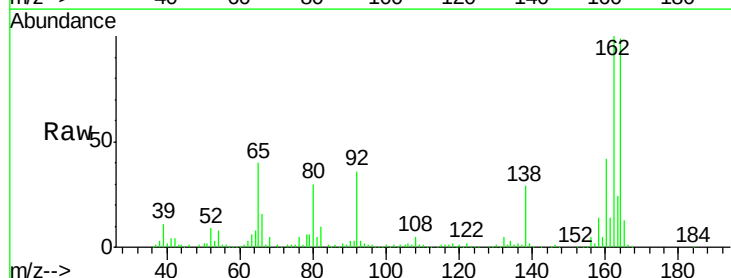
Tgt Ion:138 Resp: 120555

Ion Ratio Lower Upper

138 100

108 17.7 9.9 14.9#

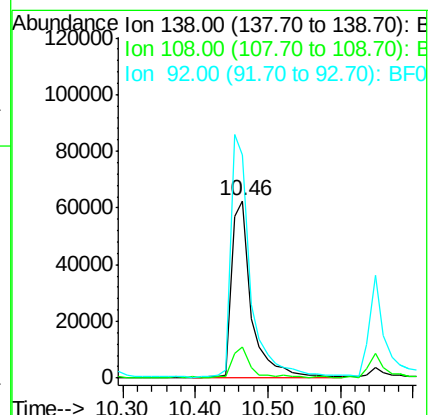
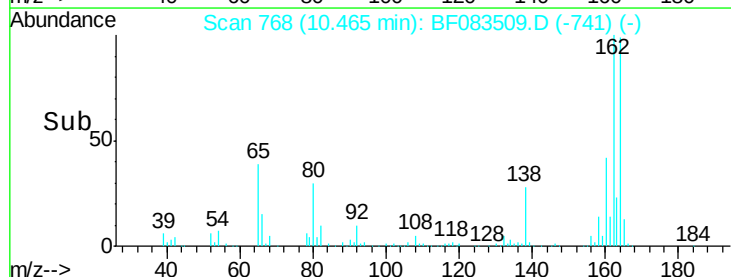
92 125.9 113.8 170.8

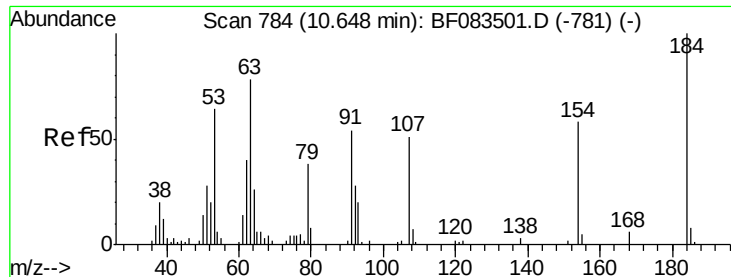


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

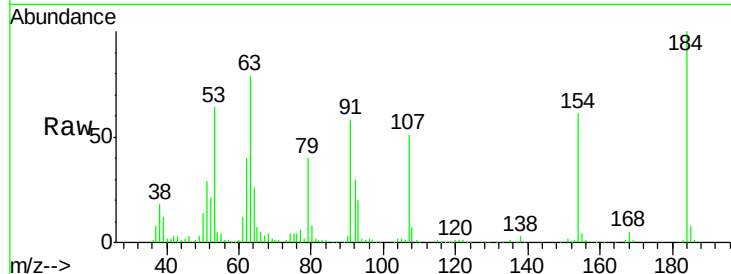




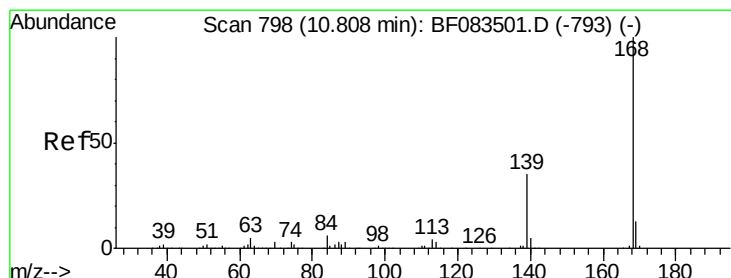
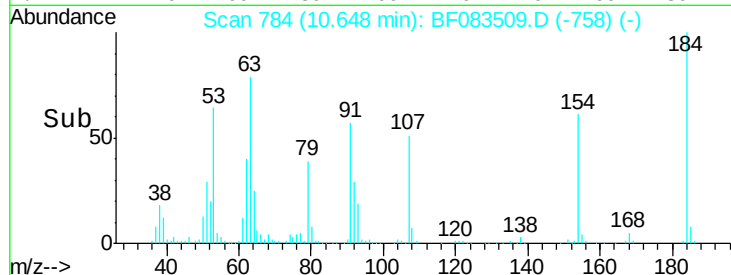
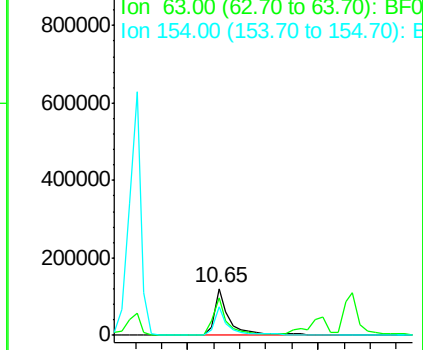
#53
 2,4-Dinitrophenol
 Concen: 86.42 ng
 RT: 10.65 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MS

Tot Ion:184 Resp: 201778
 Ion Ratio Lower Upper
 184 100
 63 79.3 62.4 93.6
 154 61.3 46.6 69.8

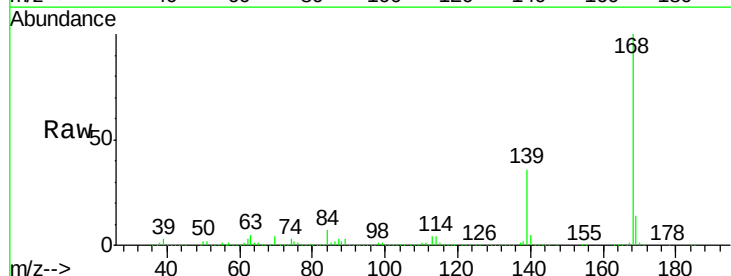


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

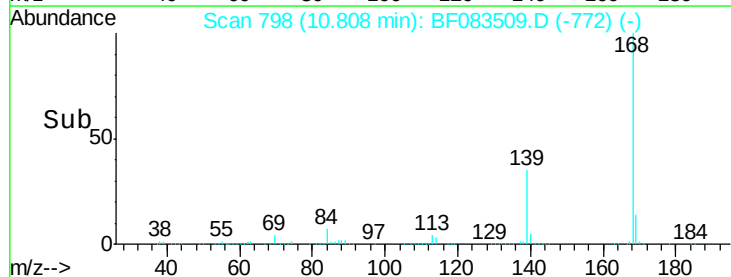
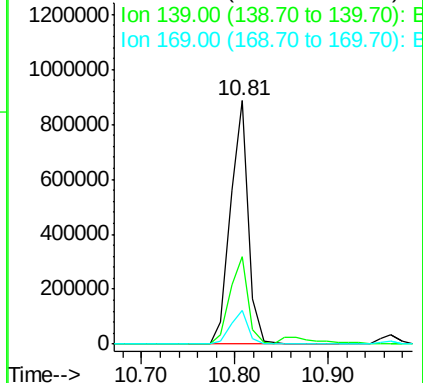


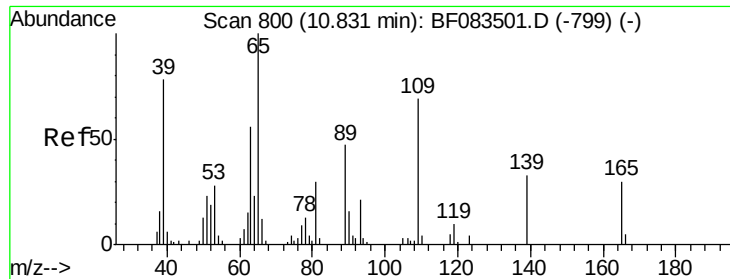
#54
 Dibenzofuran
 Concen: 49.71 ng
 RT: 10.81 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Tgt Ion:168 Resp: 1179351
 Ion Ratio Lower Upper
 168 100
 139 35.7 28.0 42.0
 169 13.8 10.8 16.2



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

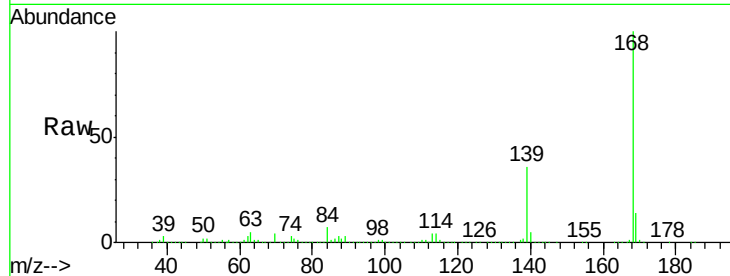




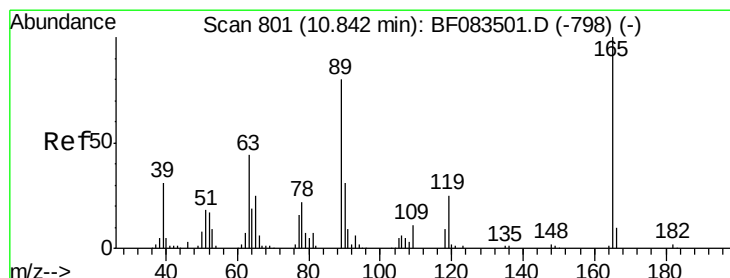
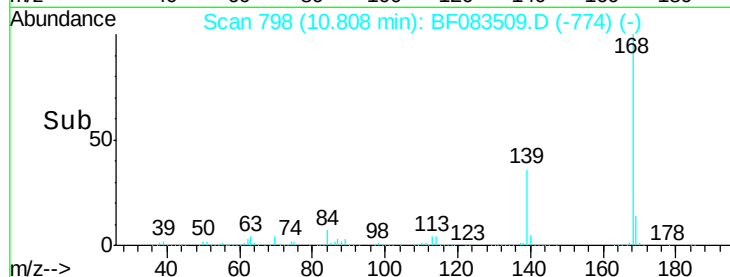
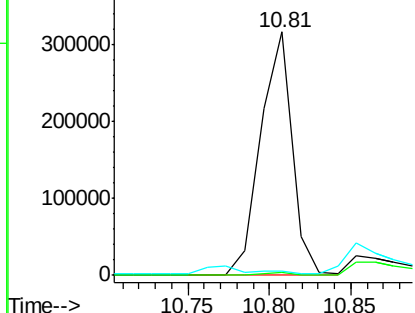
#55
4-Nitrophenol
Concen: 156.91 ng
RT: 10.81 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.0	42.0	82.0#
65	1.9	89.2	129.2#



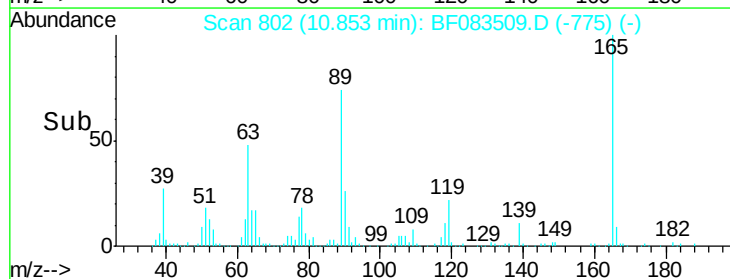
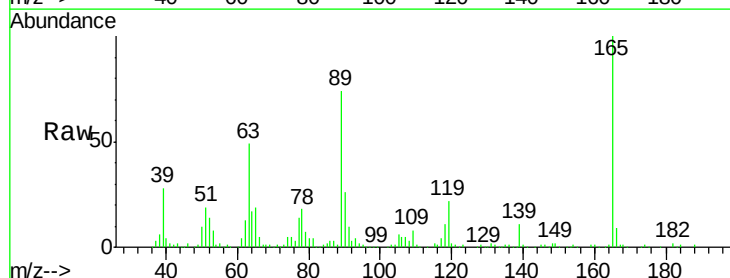
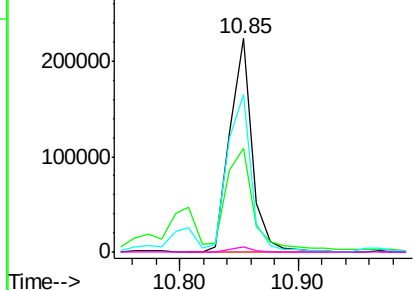
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

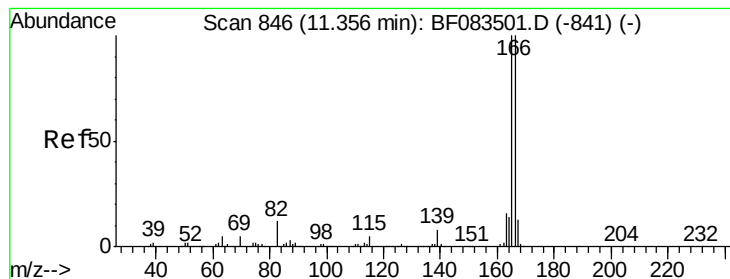


#56
2,4-Dinitrotoluene
Concen: 49.34 ng
RT: 10.85 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.8	51.4	77.2#
89	73.7	72.6	108.8
182	2.1	1.4	2.0#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.29 ng

RT: 11.36 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

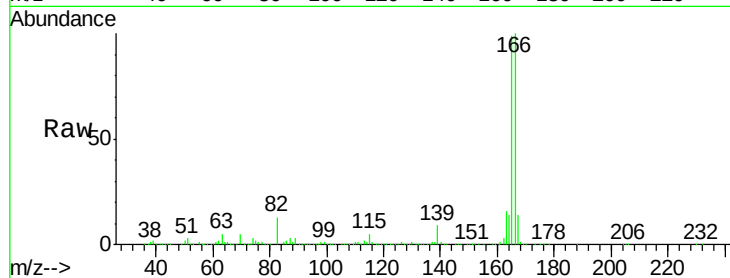
Tot Ion:166 Resp: 934744

Ion Ratio Lower Upper

166 100

165 99.4 80.0 120.0

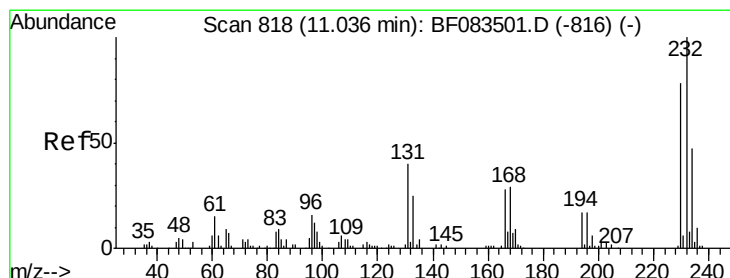
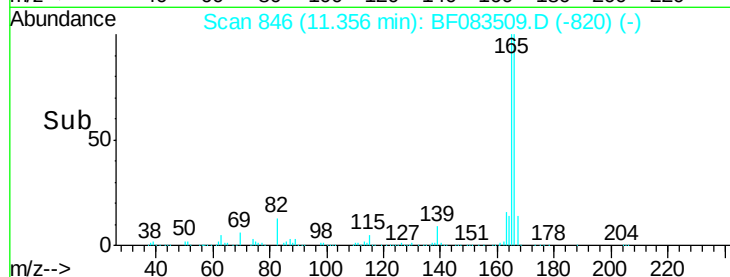
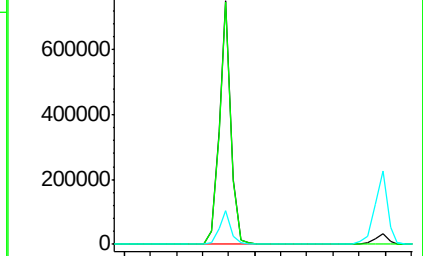
167 13.6 10.6 16.0



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: 49.75 ng

RT: 11.04 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Tgt Ion:232 Resp: 214763

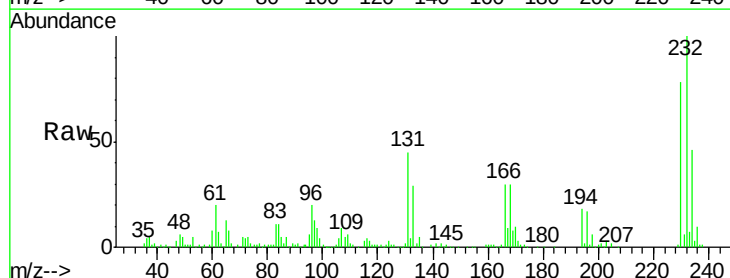
Ion Ratio Lower Upper

232 100

131 47.9 0.0 0.0#

130 2.0 0.0 0.0#

166 31.8 0.0 0.0#

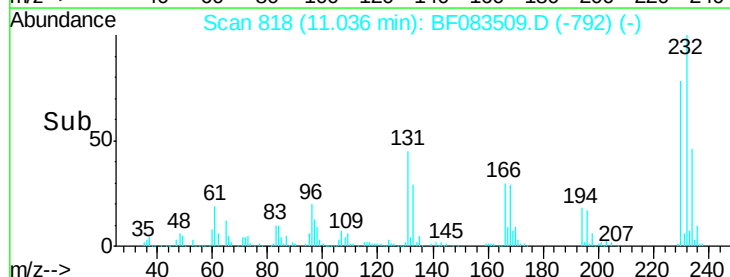
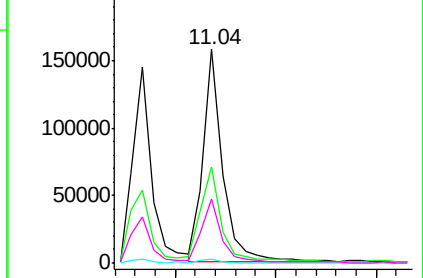


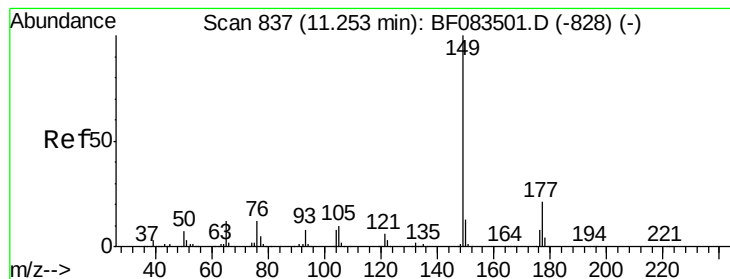
Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.63 ng

RT: 11.25 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

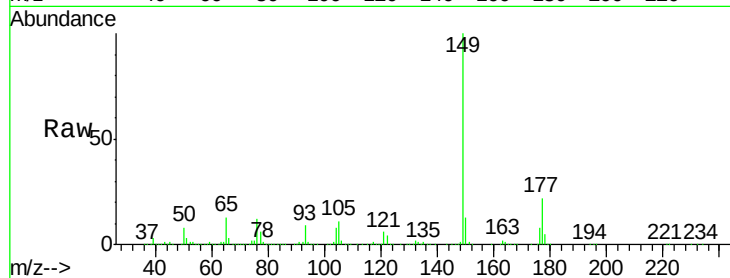
Tot Ion:149 Resp: 958484

Ion Ratio Lower Upper

149 100

177 21.7 16.9 25.3

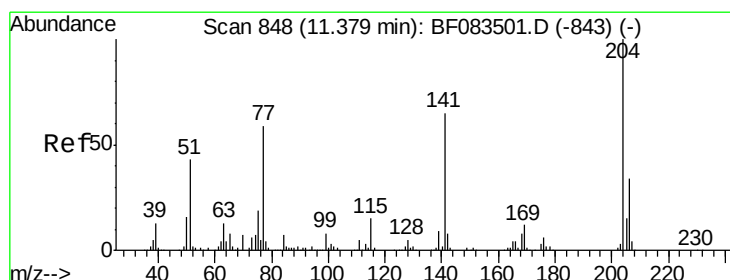
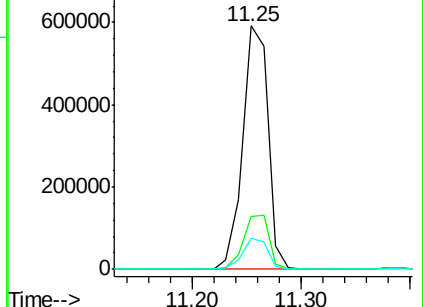
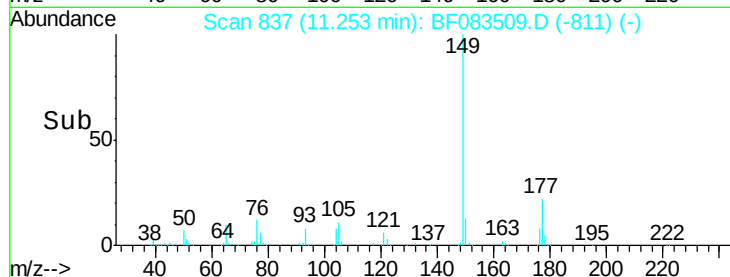
150 12.8 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.70 ng

RT: 11.38 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

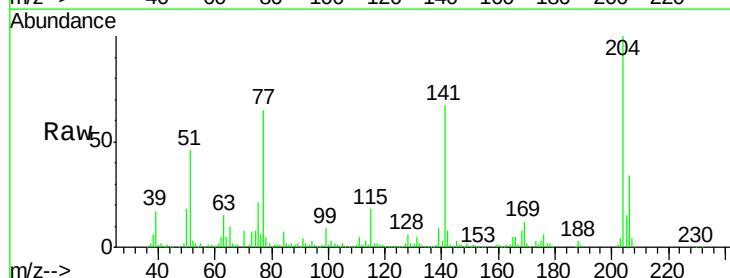
Tgt Ion:204 Resp: 442160

Ion Ratio Lower Upper

204 100

206 33.7 27.3 40.9

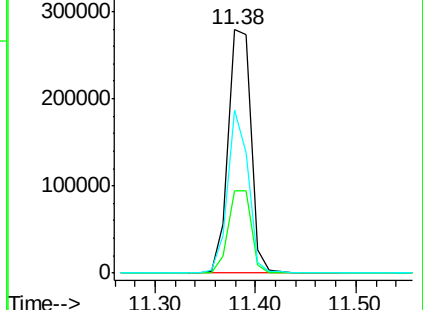
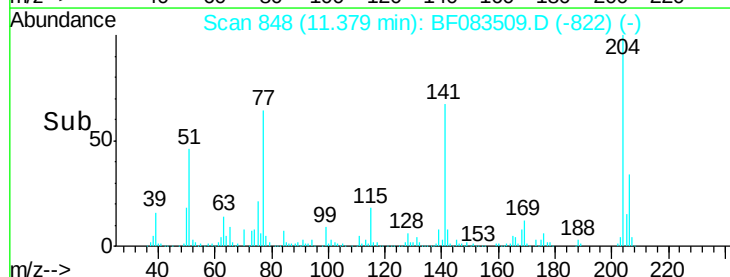
141 66.9 51.9 77.9

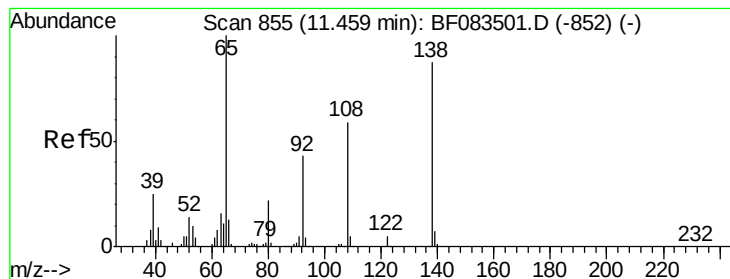


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.50 ng

RT: 11.46 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

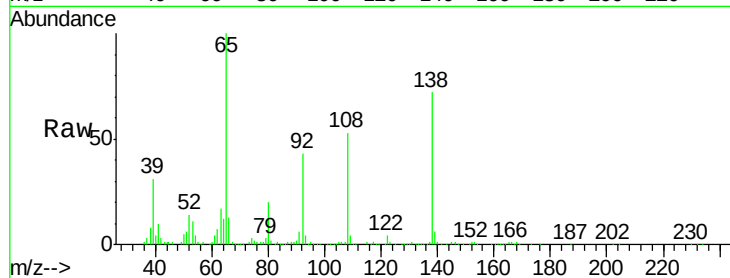
Tot Ion:138 Resp: 191122

Ion Ratio Lower Upper

138 100

92 59.2 29.0 69.0

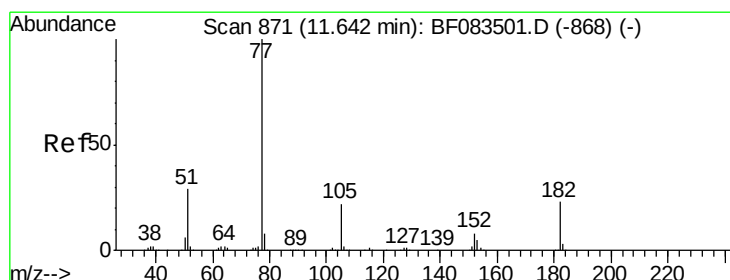
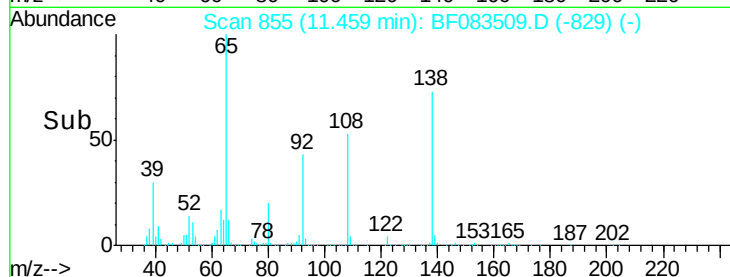
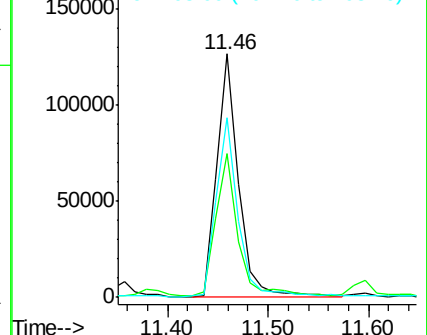
108 74.0 47.4 87.4



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: 55.30 ng

RT: 11.64 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Tgt Ion: 77 Resp: 1212866

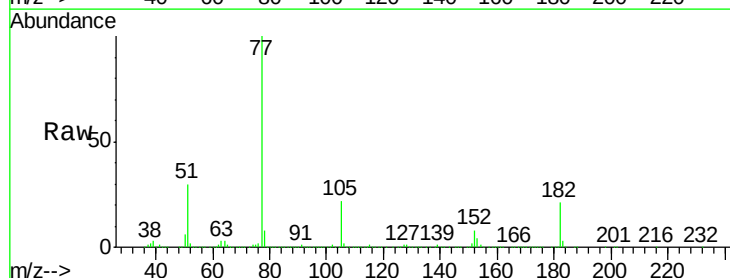
Ion Ratio Lower Upper

77 100

182 21.4 2.5 42.5

105 21.8 2.1 42.1

51 30.1 9.3 49.3

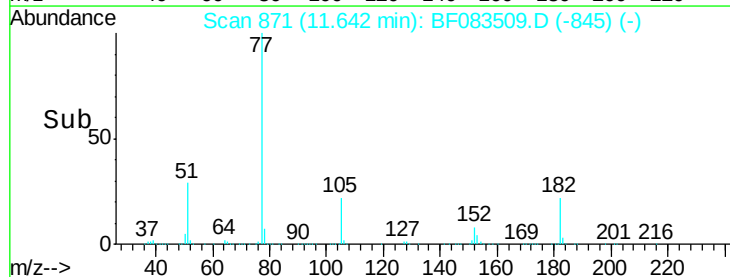
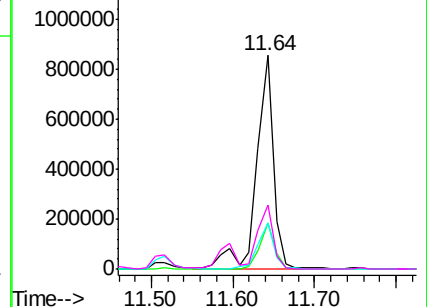


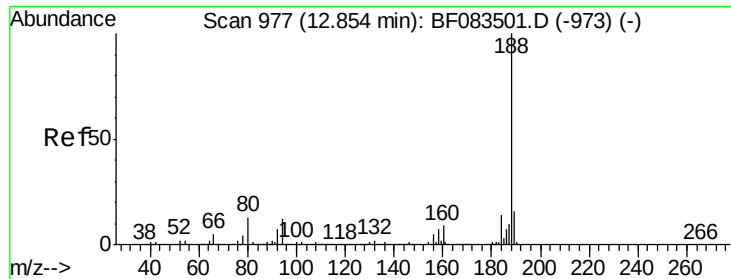
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.85 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

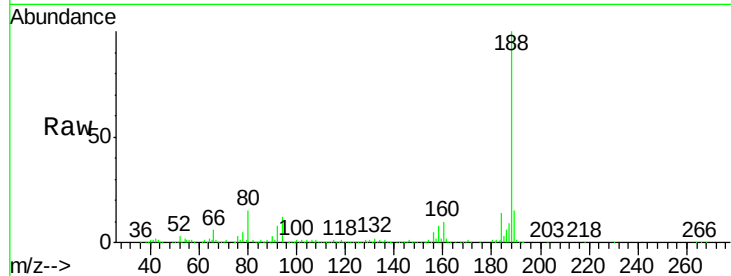
Tot Ion:188 Resp: 496322

Ion Ratio Lower Upper

188 100

94 12.4 9.4 14.2

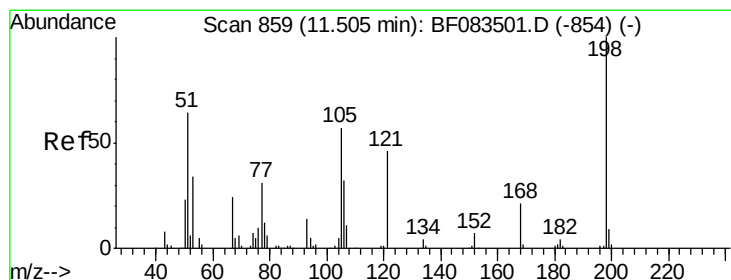
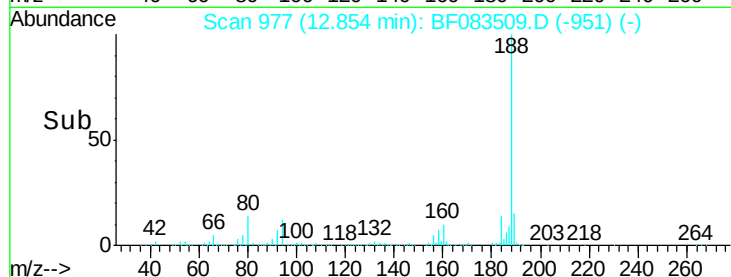
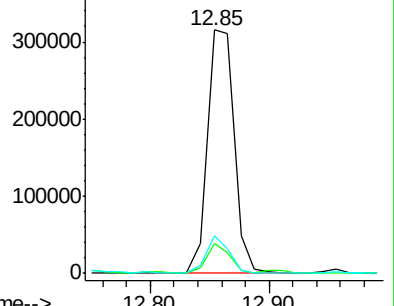
80 15.4 10.6 16.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.92 ng

RT: 11.52 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

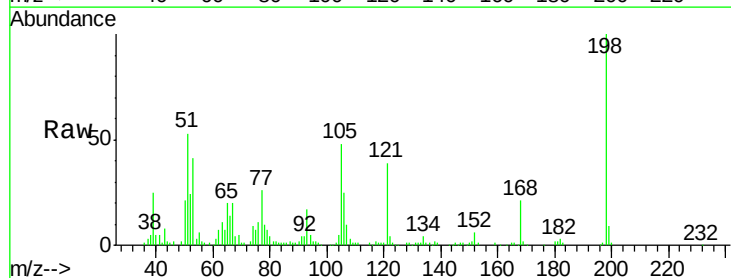
Tgt Ion:198 Resp: 146041

Ion Ratio Lower Upper

198 100

51 52.5 53.8 93.8#

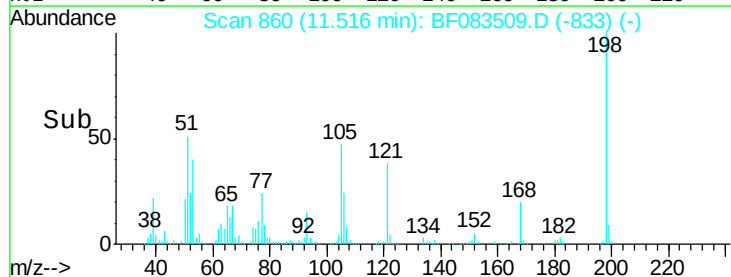
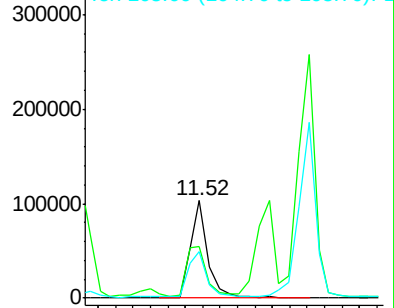
105 48.5 38.6 78.6

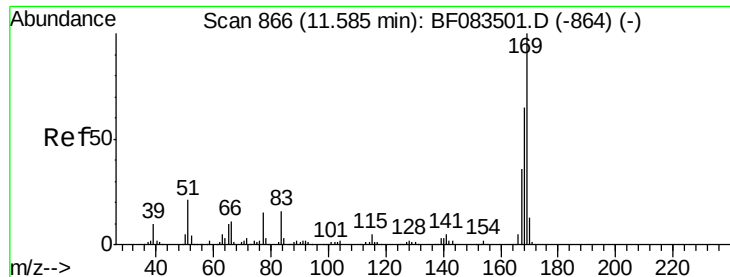


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.37 ng

RT: 11.60 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

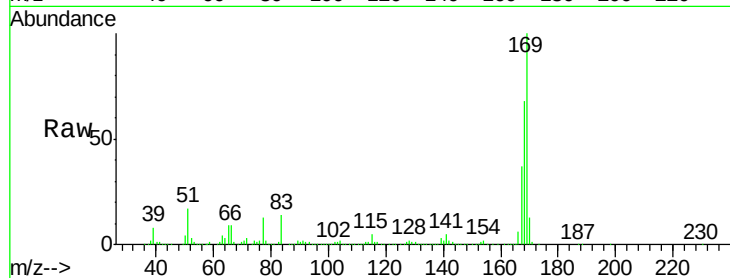
Tot Ion:169 Resp: 794783

Ion Ratio Lower Upper

169 100

168 67.6 53.0 79.6

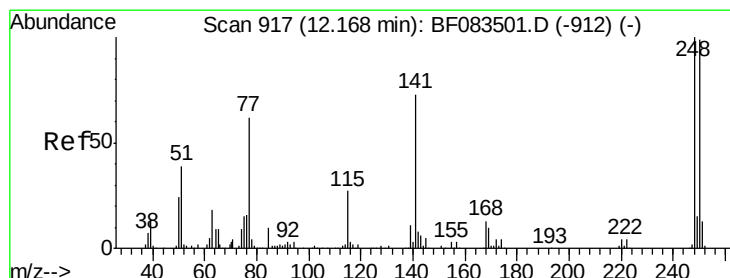
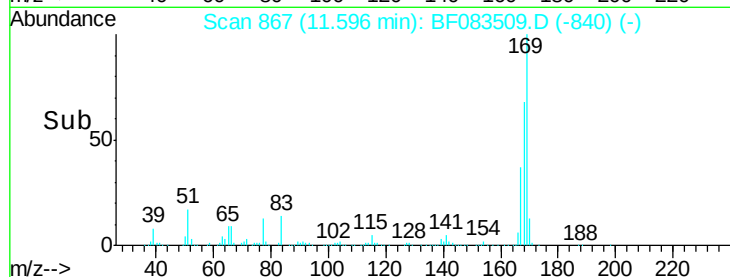
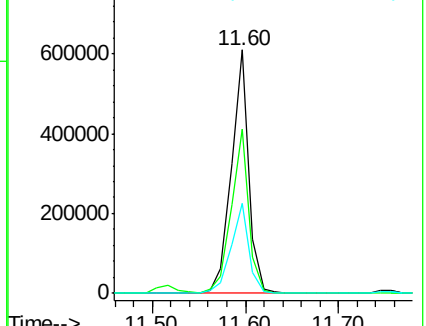
167 37.1 29.3 43.9



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: 46.98 ng

RT: 12.17 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

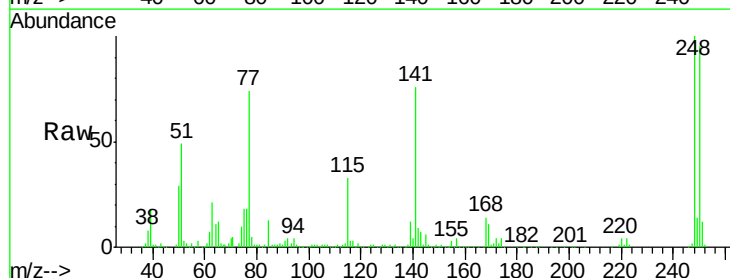
Tgt Ion:248 Resp: 254830

Ion Ratio Lower Upper

248 100

250 94.7 79.2 118.8

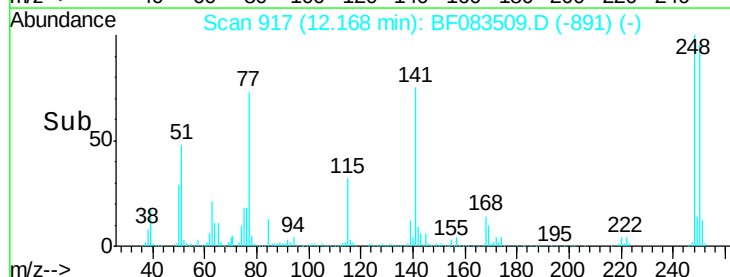
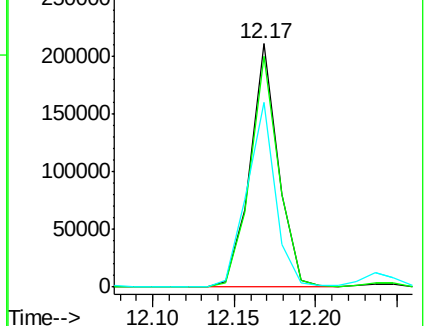
141 75.7 58.2 87.4

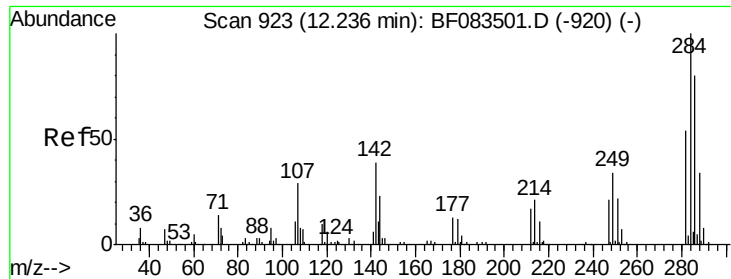


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

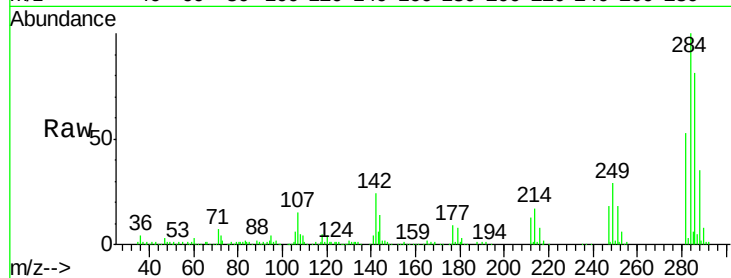




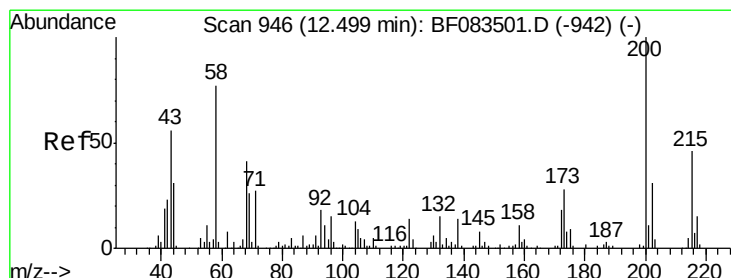
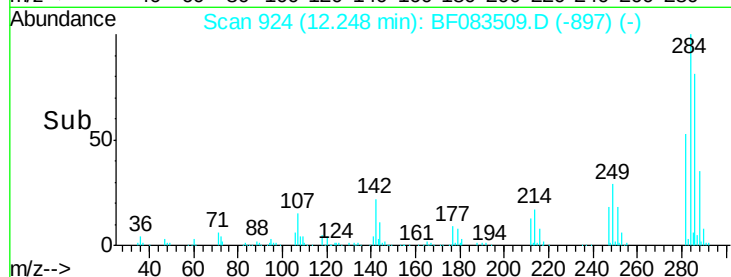
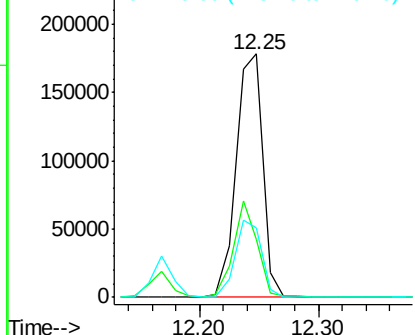
#67
Hexachlorobenzene
Concen: 48.07 ng
RT: 12.25 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

Tot Ion:284 Resp: 278706
Ion Ratio Lower Upper
284 100
142 23.7 31.0 46.4#
249 28.8 26.9 40.3

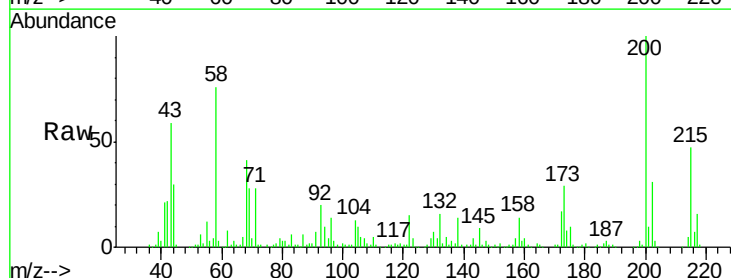


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

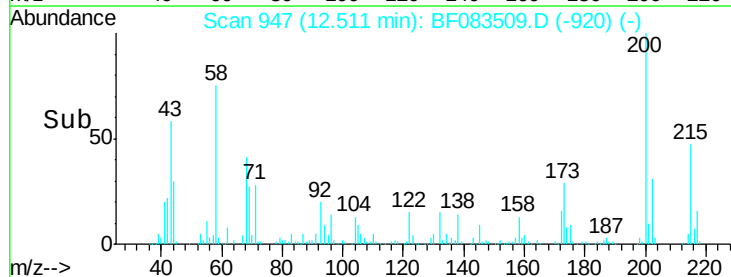
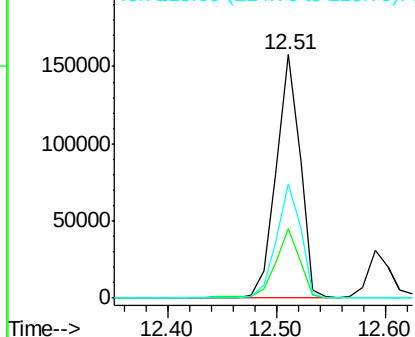


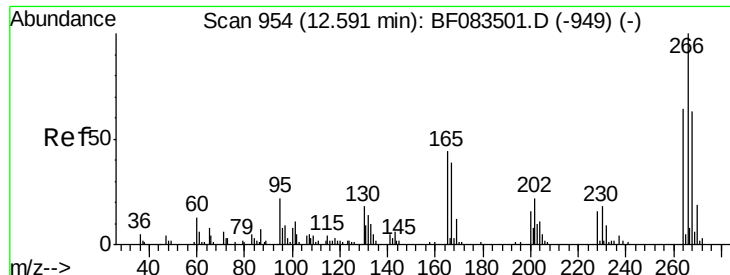
#68
Atrazine
Concen: 48.77 ng
RT: 12.51 min Scan# 947
Delta R.T. 0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion:200 Resp: 242353
Ion Ratio Lower Upper
200 100
173 28.6 7.8 47.8
215 46.9 25.7 65.7



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

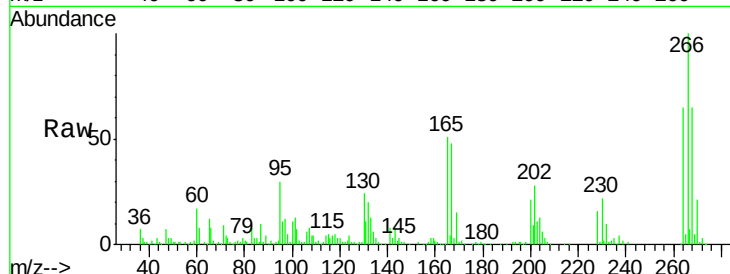




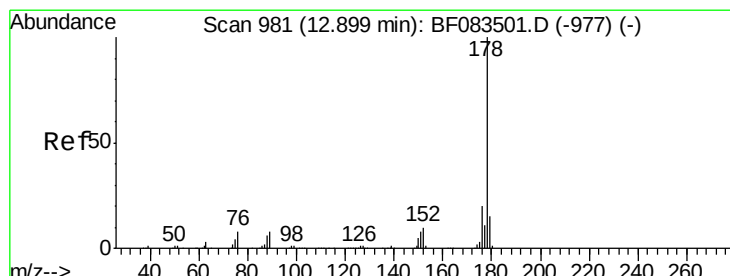
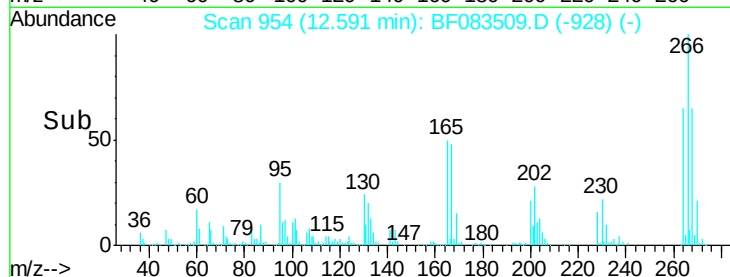
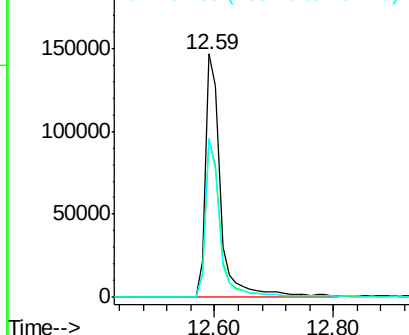
#69
 Pentachlorophenol
 Concen: 99.70 ng
 RT: 12.59 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MS

Tot Ion:266 Resp: 265805
 Ion Ratio Lower Upper
 266 100
 268 65.1 50.2 75.2
 264 65.3 51.4 77.2

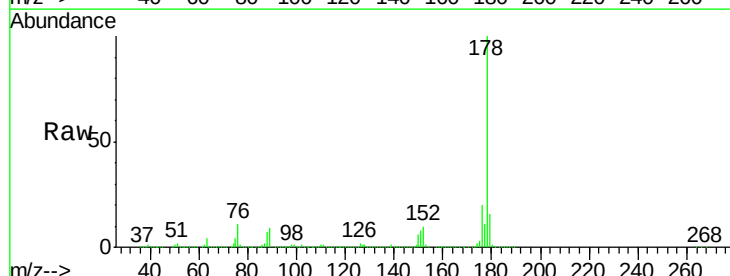


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

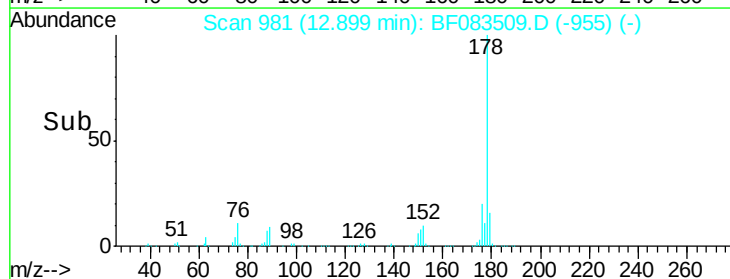
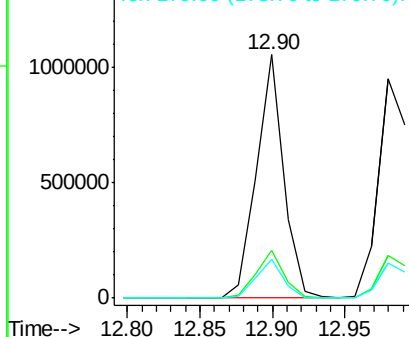


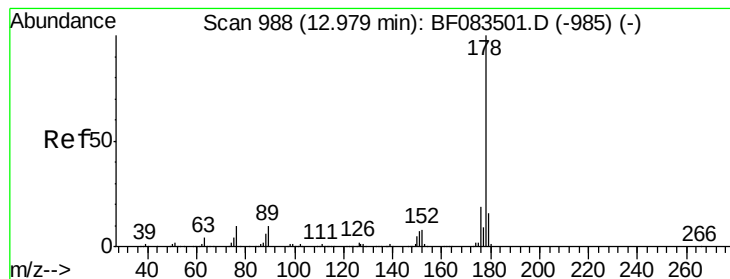
#70
 Phenanthrene
 Concen: 47.56 ng
 RT: 12.90 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Tgt Ion:178 Resp: 1373965
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.7 23.5
 179 15.8 12.2 18.4



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: 47.70 ng

RT: 12.98 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

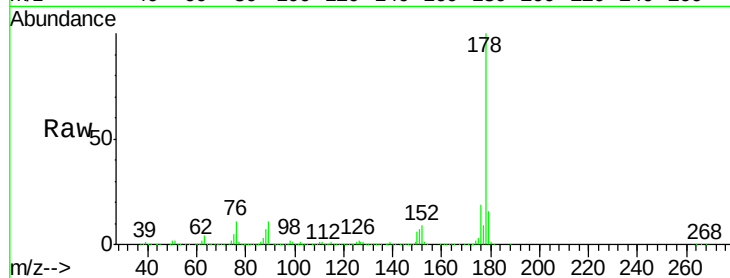
Tot Ion:178 Resp: 1405378

Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

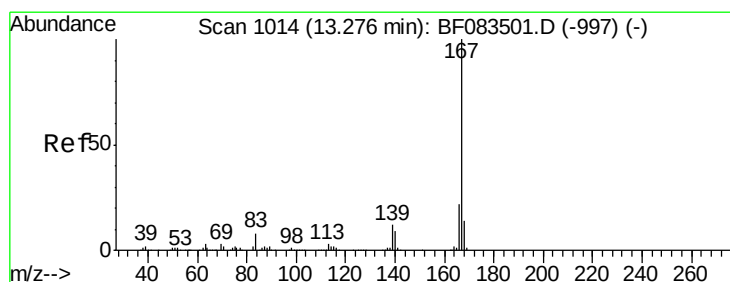
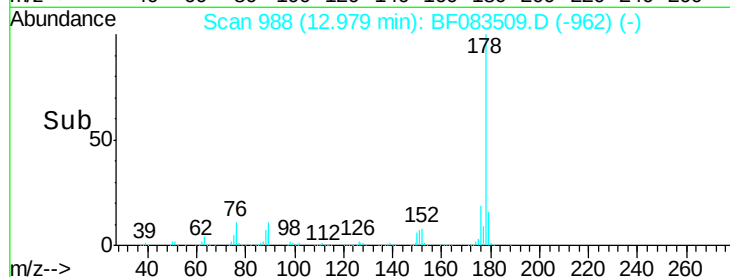
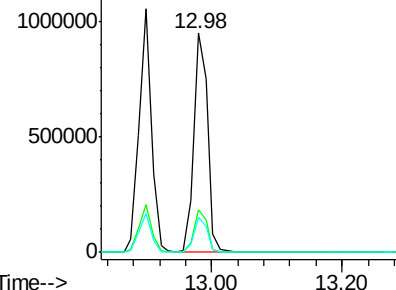
179 15.9 12.6 18.8



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: 49.00 ng

RT: 13.28 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

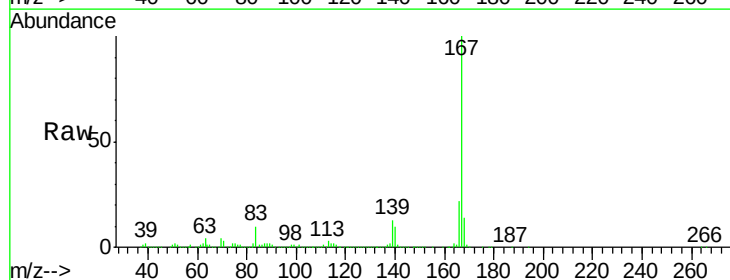
Tgt Ion:167 Resp: 1239663

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

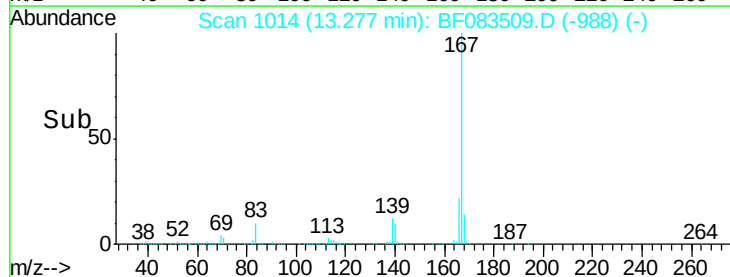
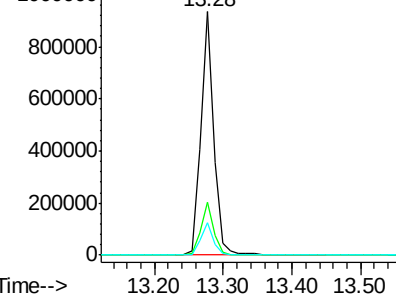
139 13.1 9.3 13.9

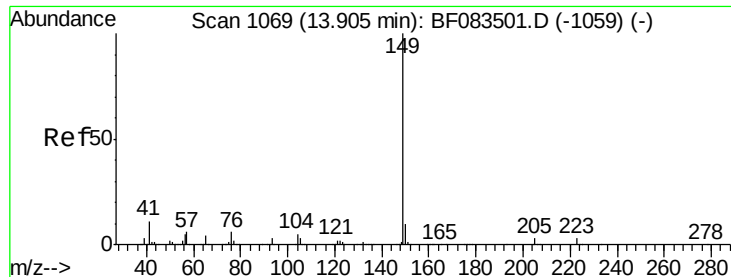


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 51.08 ng

RT: 13.92 min Scan# 1070

Delta R.T. 0.01 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

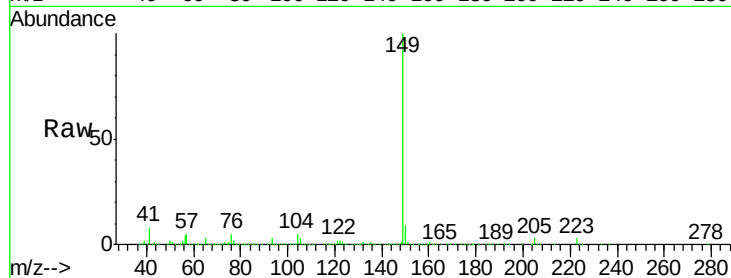
Tot Ion:149 Resp: 1556569

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

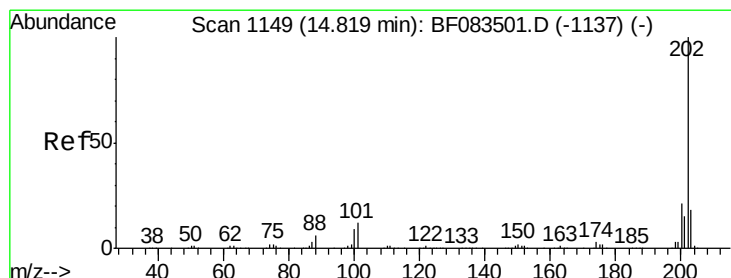
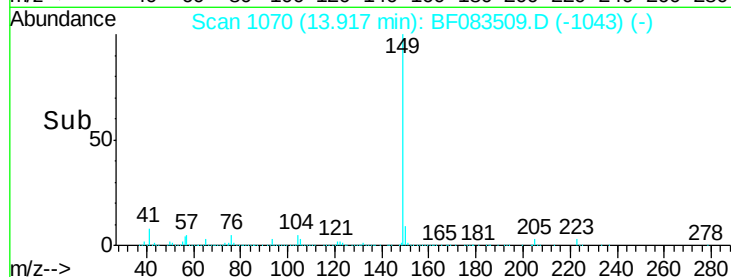
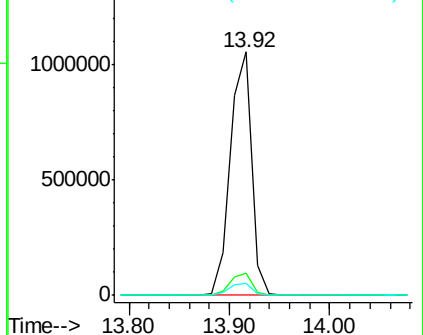
104 4.7 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.06 ng

RT: 14.82 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

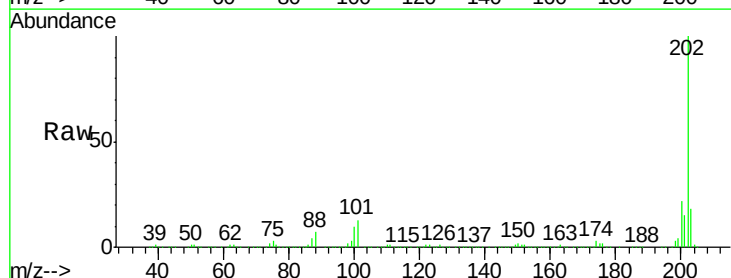
Tgt Ion:202 Resp: 1376018

Ion Ratio Lower Upper

202 100

101 13.3 0.0 31.5

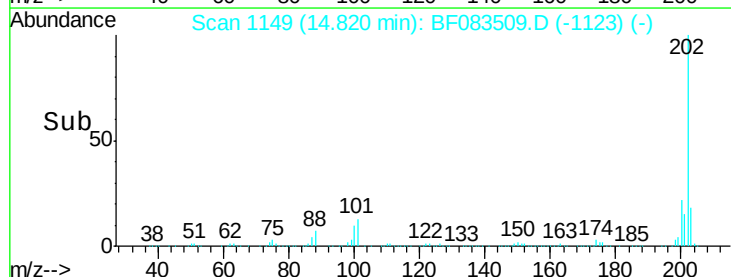
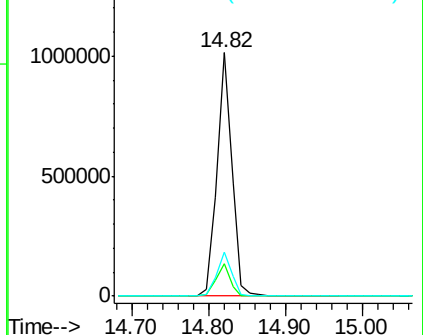
203 18.2 0.0 37.6

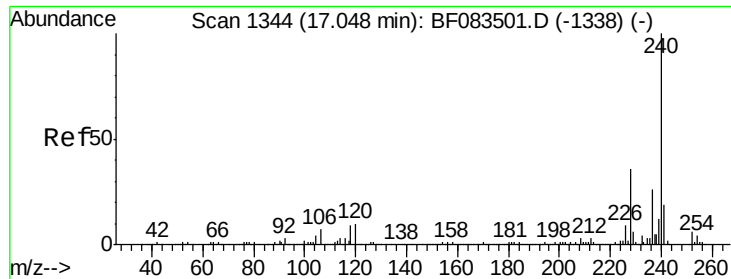


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.05 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

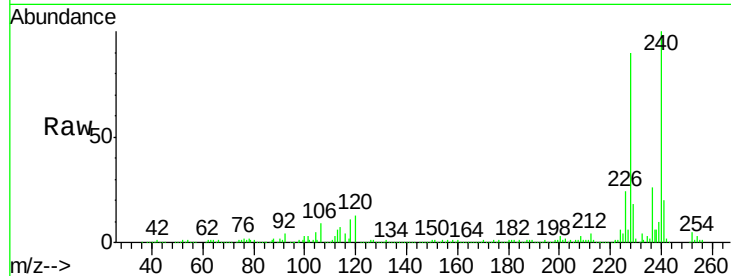
Tot Ion:240 Resp: 383945

Ion Ratio Lower Upper

240 100

120 13.0 8.1 12.1#

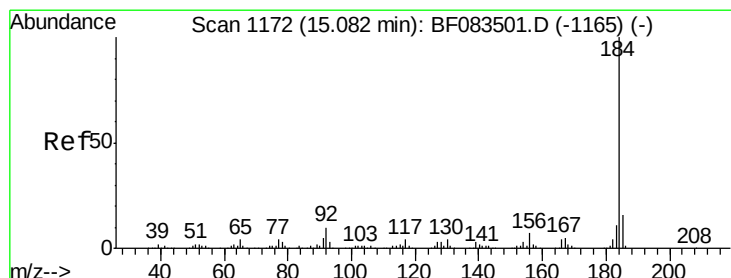
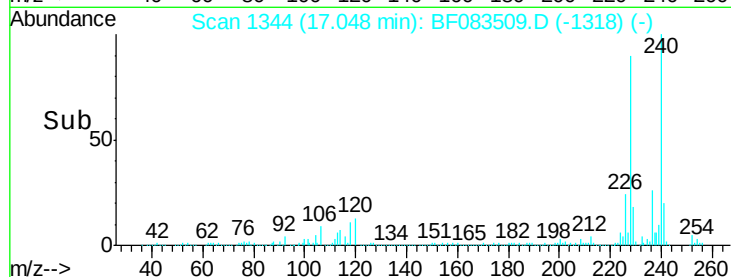
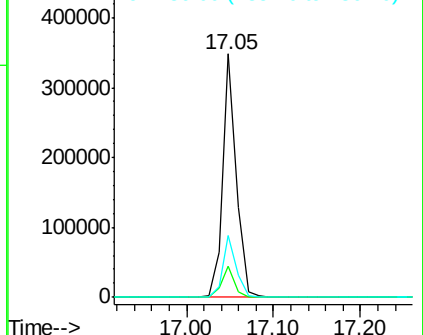
236 25.6 20.8 31.2



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: 3.08 ng

RT: 15.11 min Scan# 1174

Delta R.T. 0.02 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

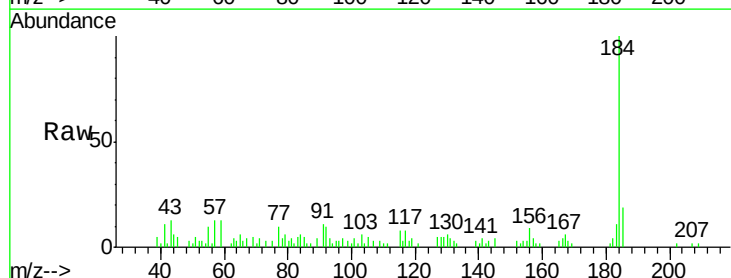
Tgt Ion:184 Resp: 42733

Ion Ratio Lower Upper

184 100

185 19.1 13.0 19.6

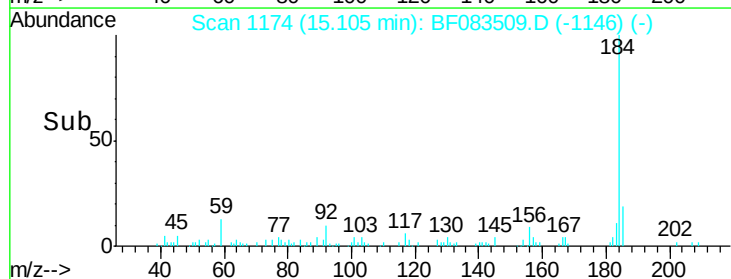
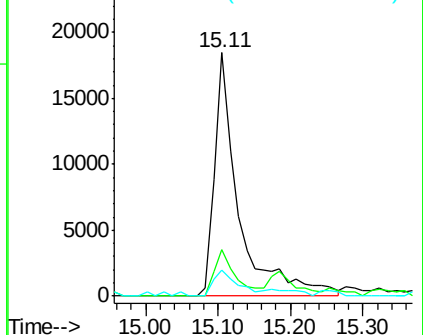
183 10.8 9.0 13.4

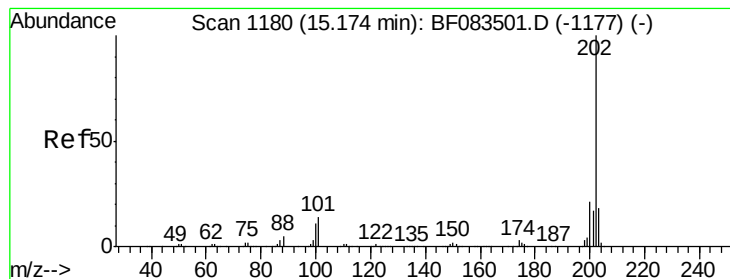


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 49.14 ng

RT: 15.17 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

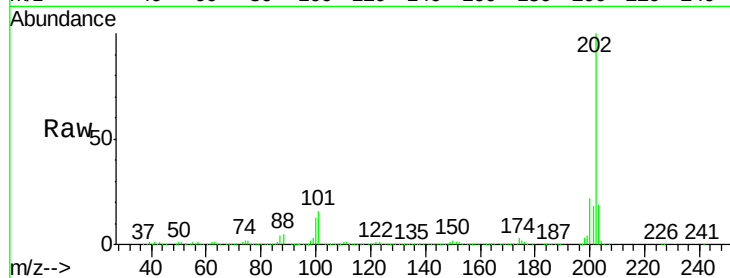
Tot Ion:202 Resp: 1411259

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.7	25.1
203	18.9	14.3	21.5

202 100

200 21.7 16.7 25.1

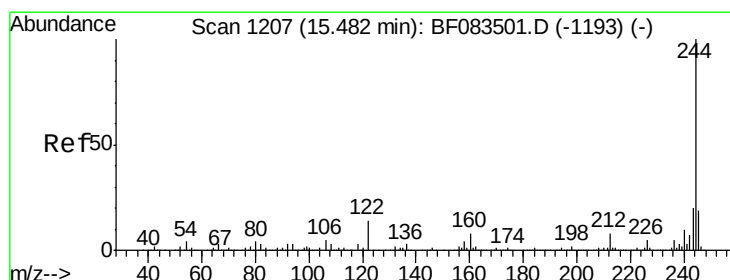
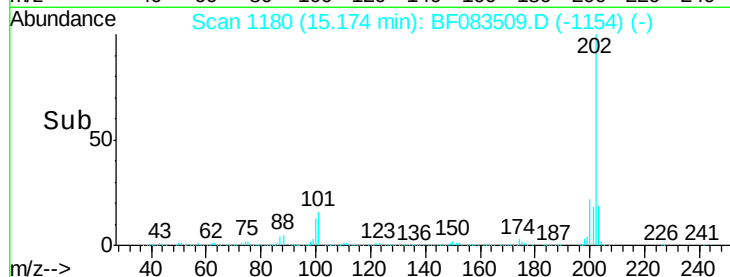
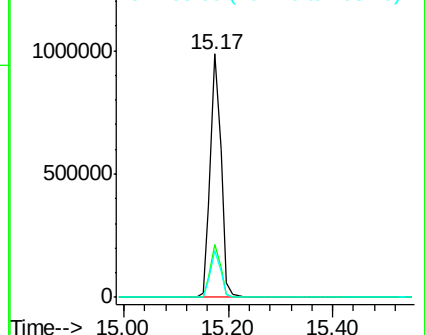
203 18.9 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 95.36 ng

RT: 15.49 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

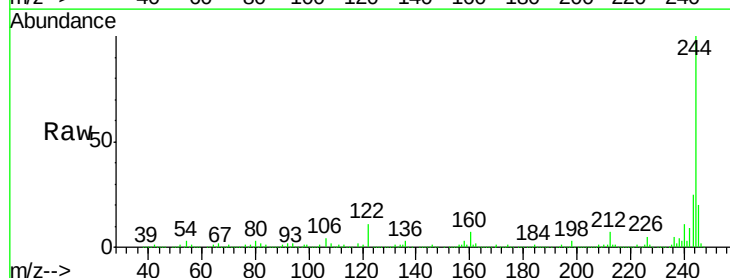
Tgt Ion:244 Resp: 1645382

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	11.2	11.0	16.6

244 100

212 7.4 6.1 9.1

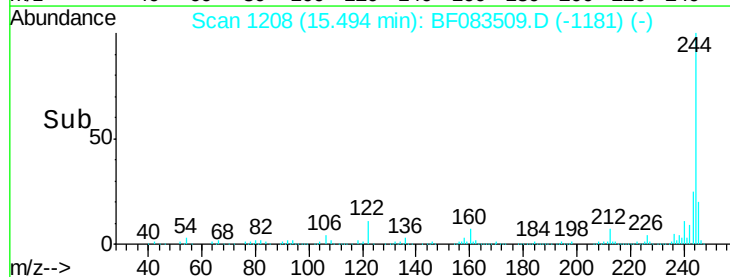
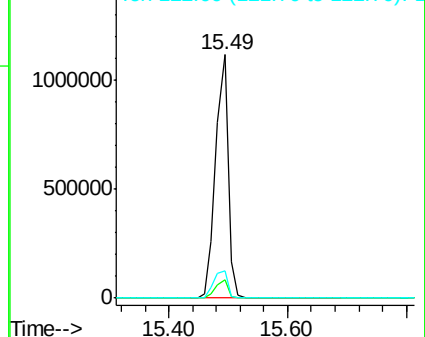
122 11.2 11.0 16.6

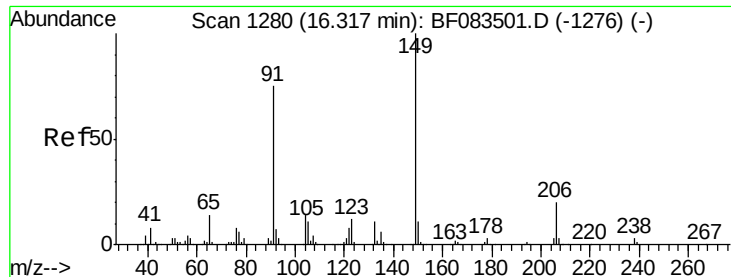


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

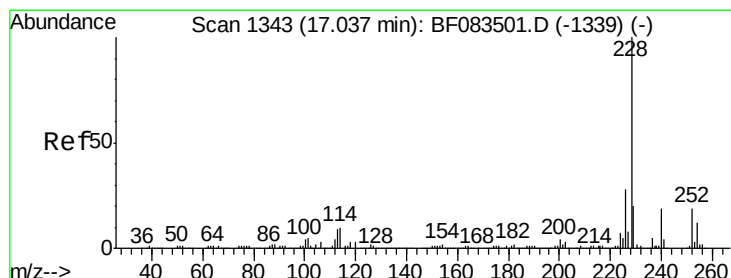
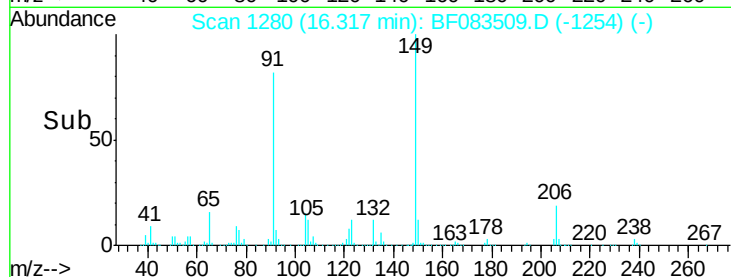
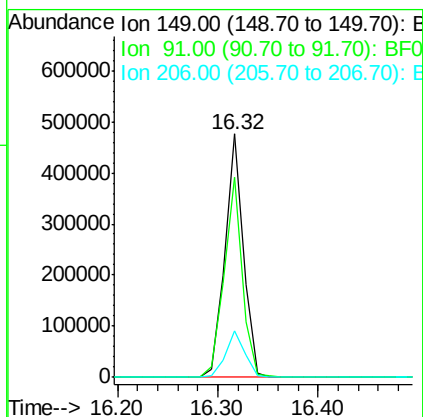
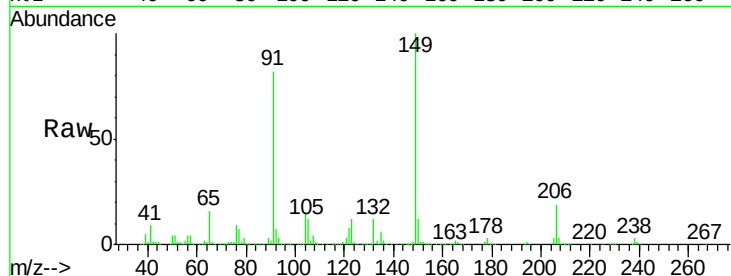




#79
Butylbenzylphthalate
Concen: 53.67 ng
RT: 16.32 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

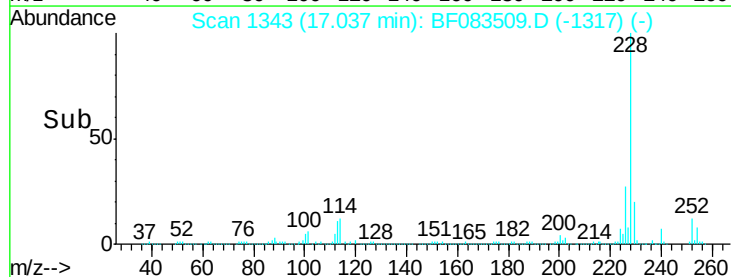
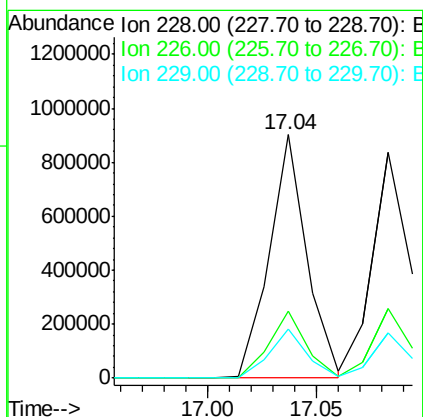
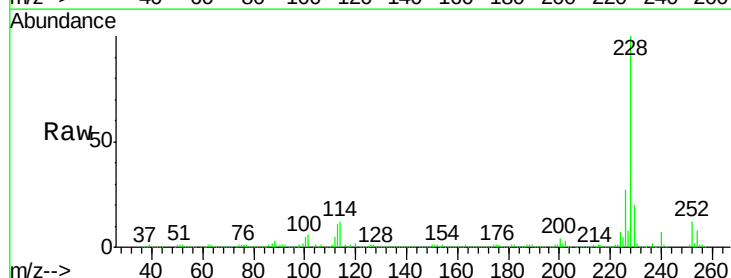
Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

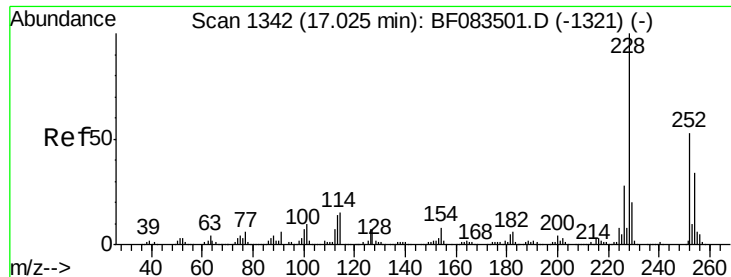
Tot Ion:149 Resp: 606134
Ion Ratio Lower Upper
149 100
91 82.1 60.0 90.0
206 19.3 16.2 24.4



#80
Benzo(a)anthracene
Concen: 48.29 ng
RT: 17.04 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion:228 Resp: 1084813
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 20.3 15.7 23.5

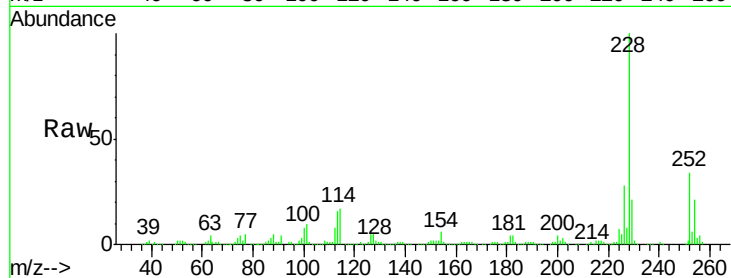




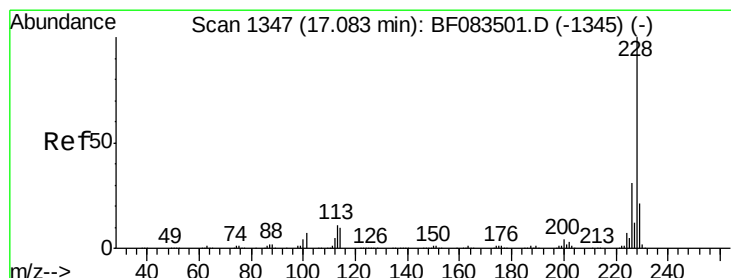
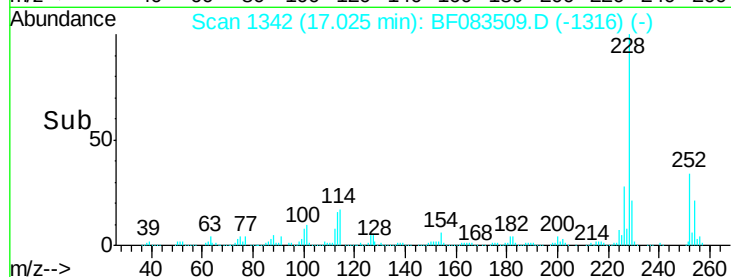
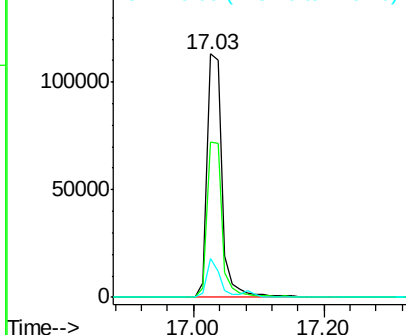
#81
 3,3'-Dichlorobenzidine
 Concen: 25.71 ng
 RT: 17.03 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MS

Tot Ion:252 Resp: 184715
 Ion Ratio Lower Upper
 252 100
 254 63.9 50.6 76.0
 126 16.1 11.0 16.4

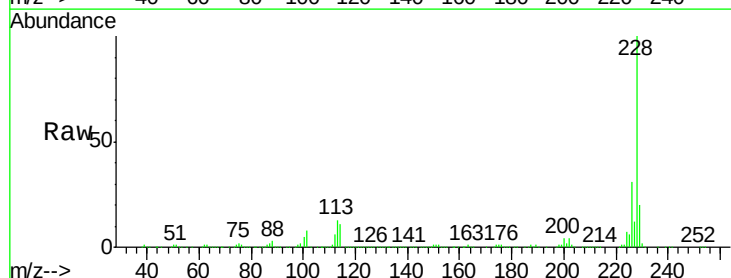


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

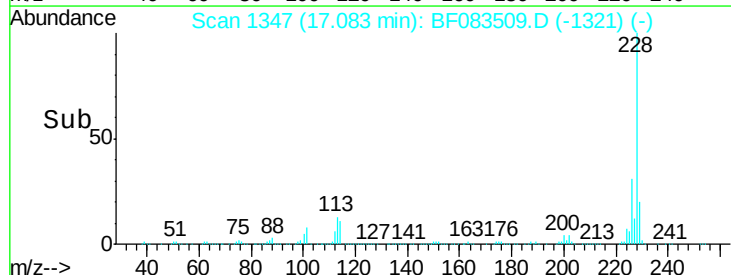
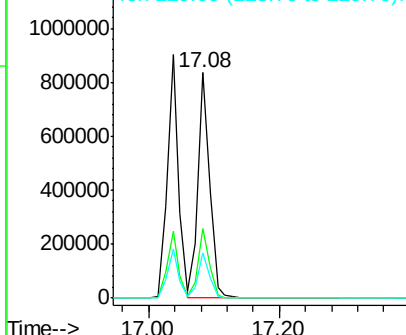


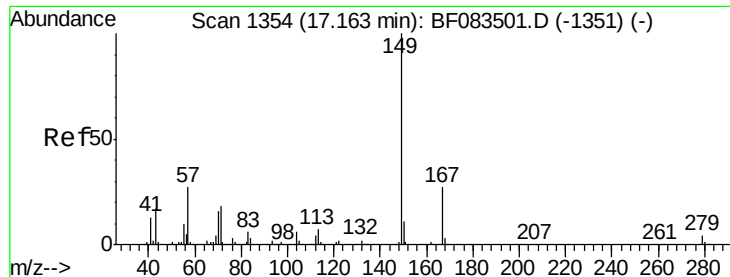
#82
 Chrysene
 Concen: 45.67 ng
 RT: 17.08 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Tgt Ion:228 Resp: 1022033
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.7 37.1
 229 20.0 16.3 24.5



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: 56.62 ng

RT: 17.16 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

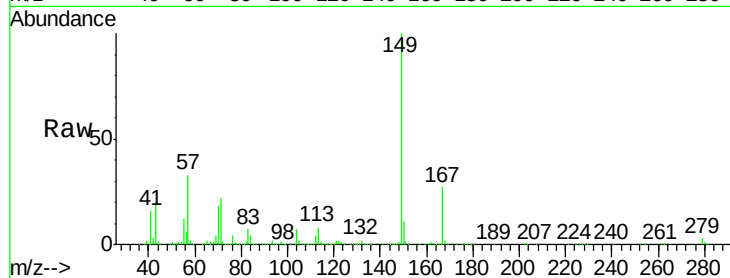
Tot Ion:149 Resp: 839088

Ion Ratio Lower Upper

149 100

167 26.5 21.8 32.8

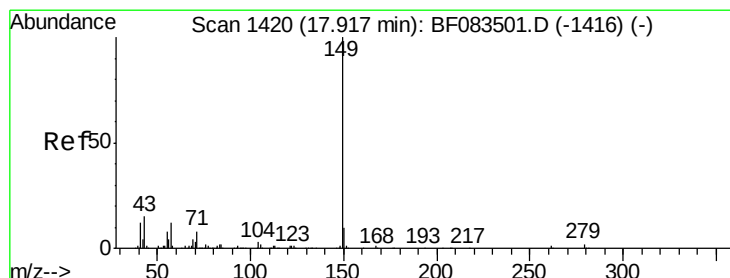
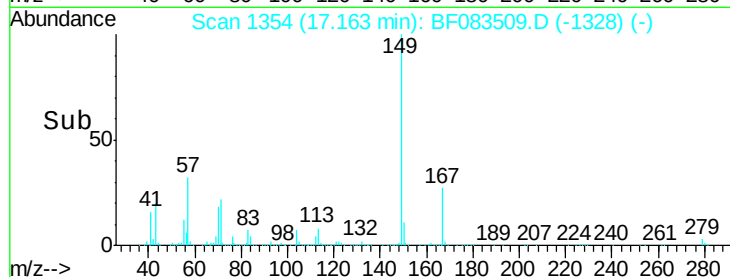
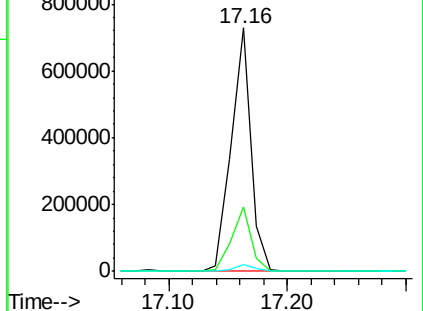
279 2.9 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 58.18 ng

RT: 17.93 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

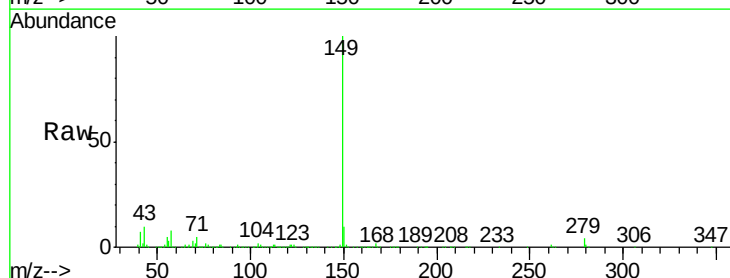
Tgt Ion:149 Resp: 1229758

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

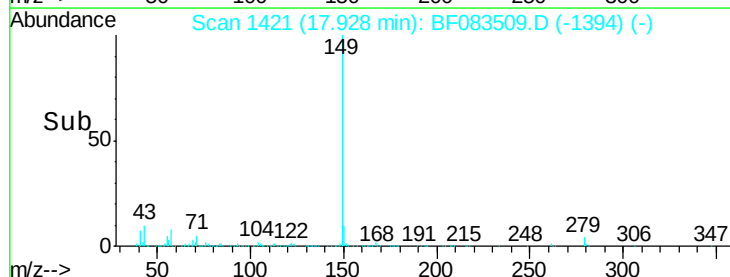
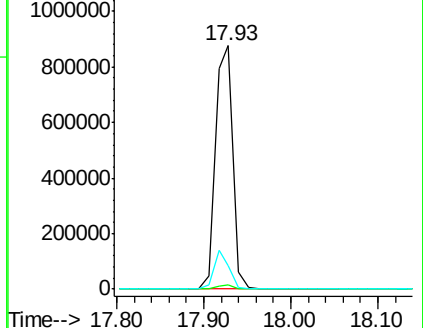
43 13.7 0.0 0.0#

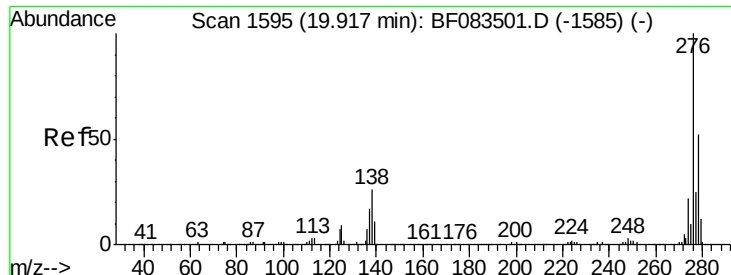


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

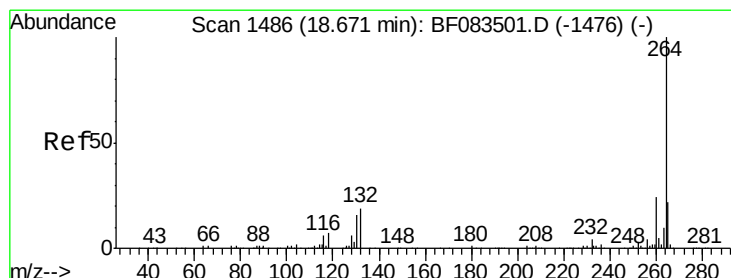
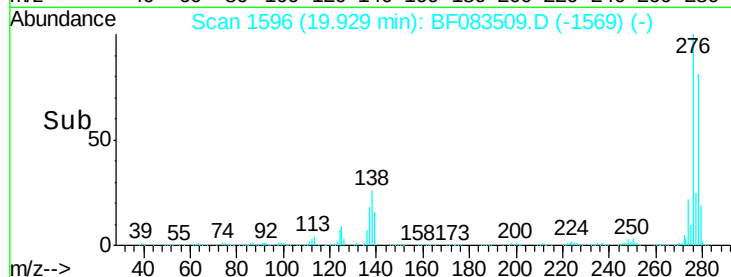
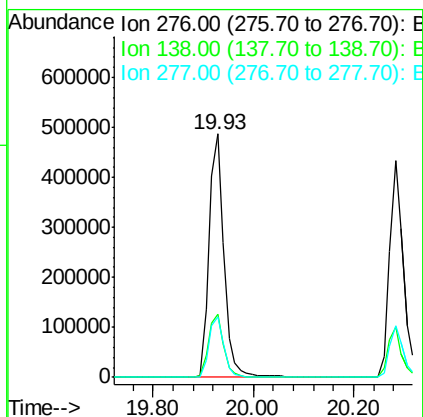
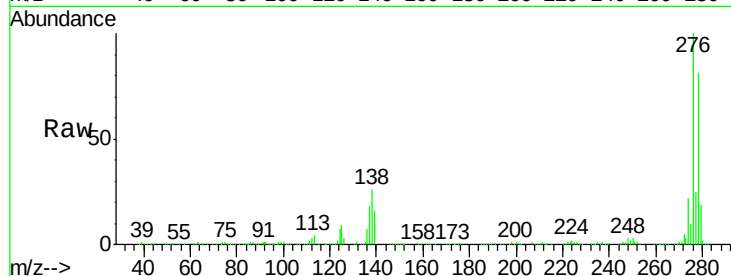




#85
Indeno(1,2,3-cd)pyrene
Concen: 52.23 ng
RT: 19.93 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

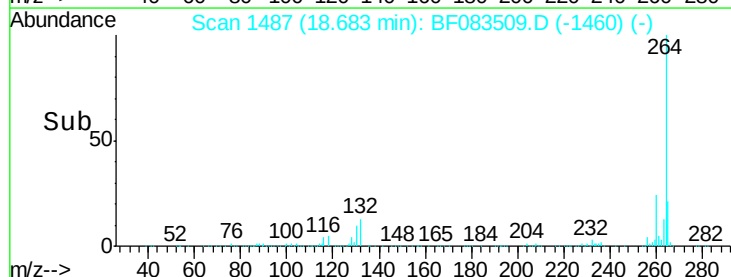
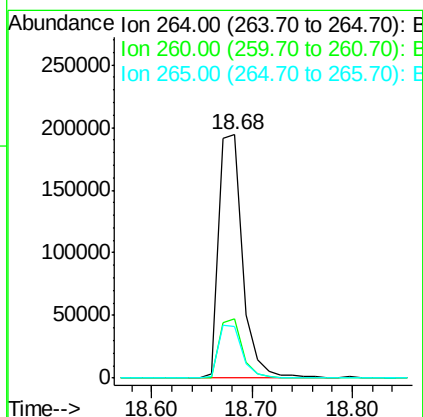
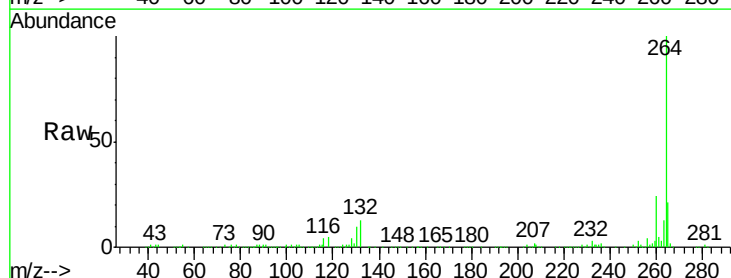
Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

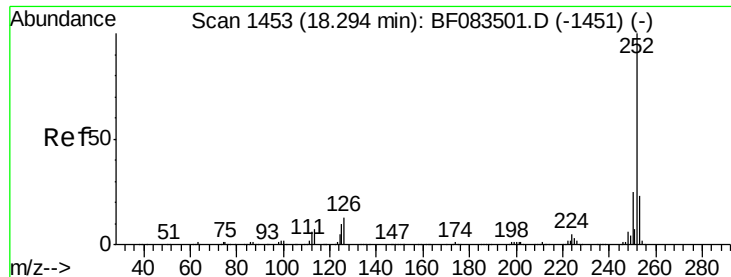
Tot Ion:276 Resp: 1001877
Ion Ratio Lower Upper
276 100
138 26.9 0.0 0.0#
277 25.1 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion:264 Resp: 320775
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.0
265 21.4 17.8 26.6

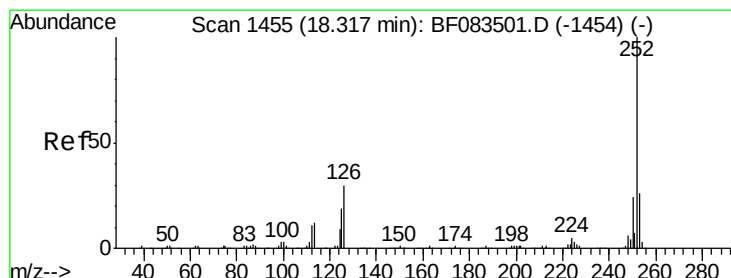
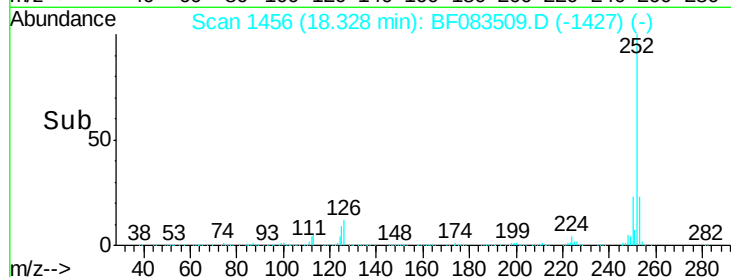
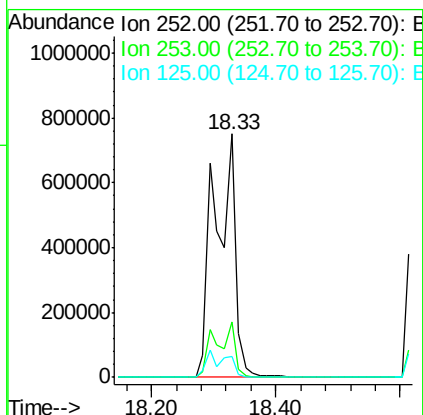
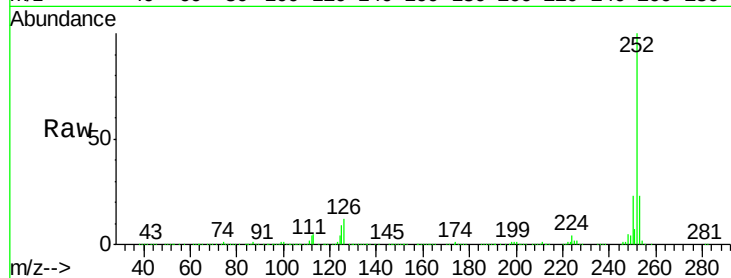




#87
Benzo(b)fluoranthene
Concen: 96.66 ng
RT: 18.33 min Scan# 1456
Delta R.T. 0.03 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

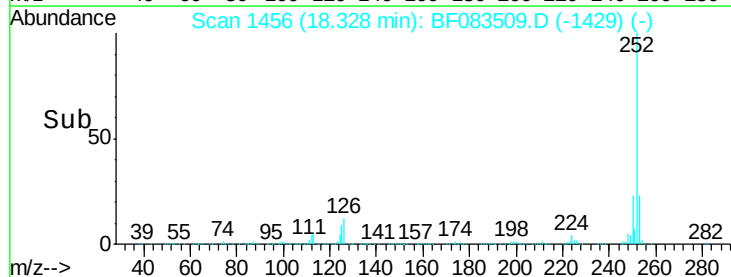
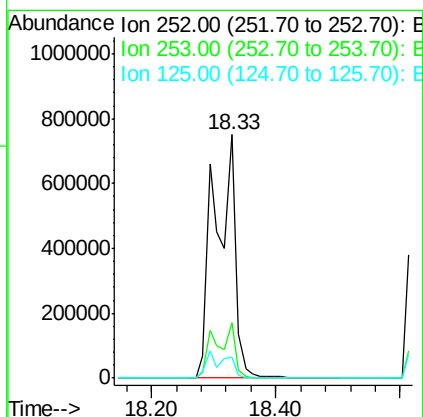
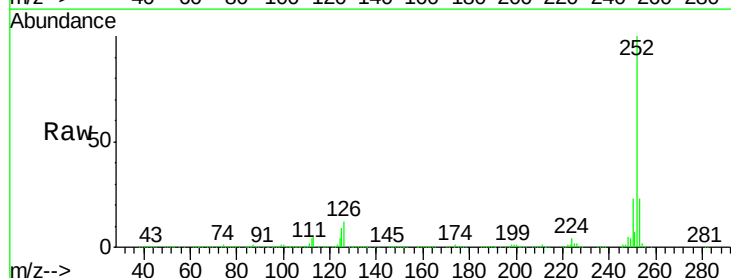
Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

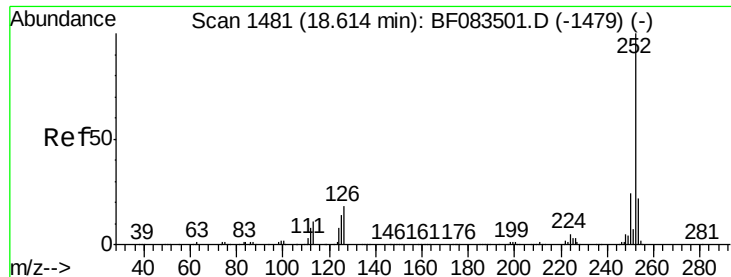
Tot Ion:252 Resp: 1741290
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 8.7 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 94.36 ng
RT: 18.33 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion:252 Resp: 1741290
Ion Ratio Lower Upper
252 100
253 22.5 18.6 27.8
125 8.7 11.5 17.3#

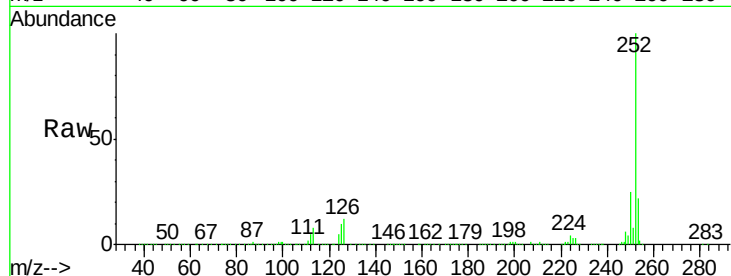




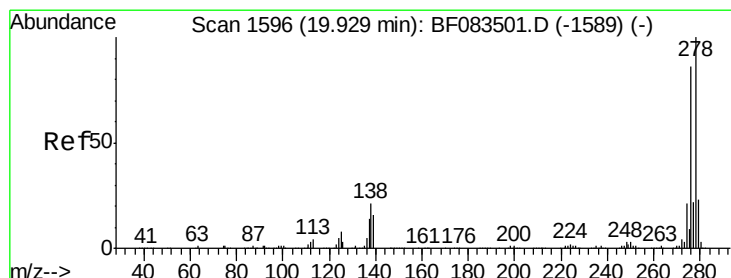
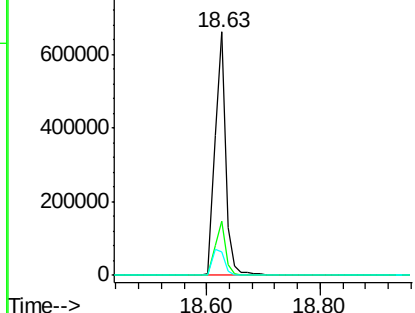
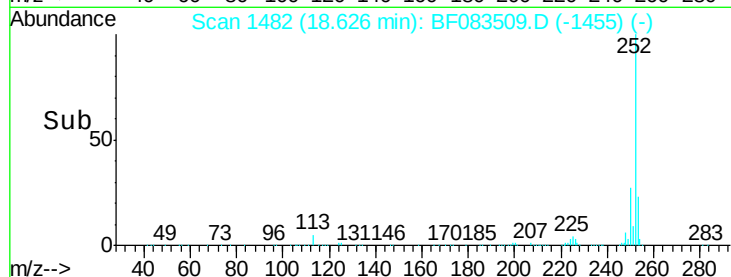
#89
Benzo(a)pyrene
Concen: 48.16 ng
RT: 18.63 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

Tot Ion:252 Resp: 843848
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 9.5 11.0 16.6#

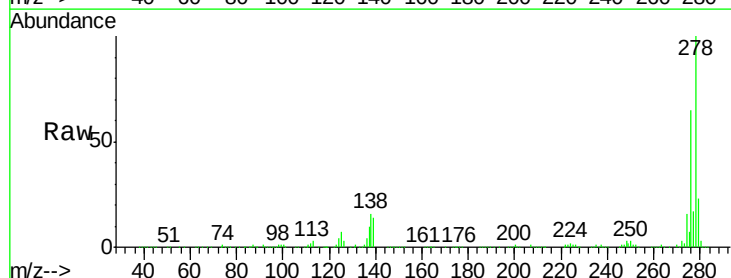


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

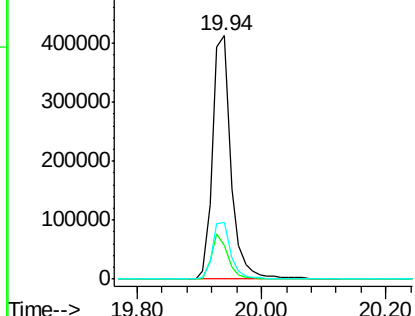
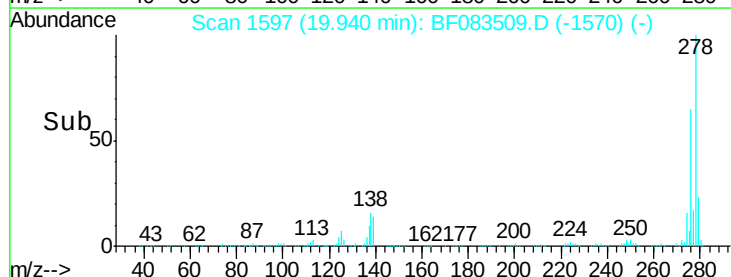


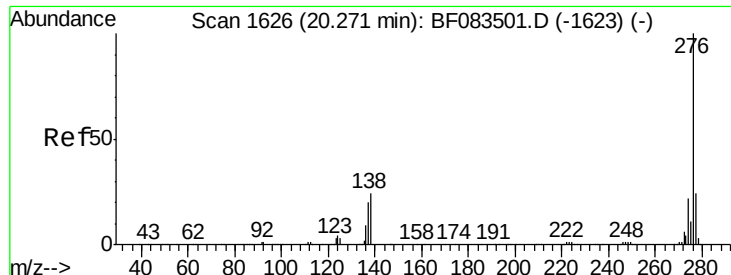
#90
Dibenzo(a,h)anthracene
Concen: 49.96 ng
RT: 19.94 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion:278 Resp: 842287
Ion Ratio Lower Upper
278 100
139 13.8 12.8 19.2
279 23.1 18.6 28.0



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: 50.55 ng

RT: 20.28 min Scan# 1627

Delta R.T. 0.01 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

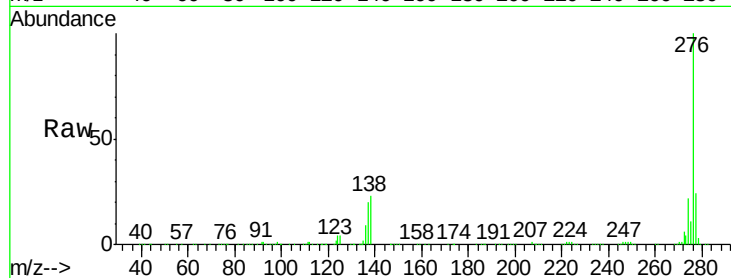
Tot Ion: 276 Resp: 858772

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 23.0 19.5 29.3



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

