

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083452.D
 Acq On : 3 Dec 2015 9:26
 Operator : UM/IZ
 Sample : G4583-10MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(0-8)MS

Quant Time: Dec 03 11:18:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	131976	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	378938	20.00	ng	0.01
38) Acenaphthene-d10	9.58	164	227601	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	351381	20.00	ng	0.00
75) Chrysene-d12	14.75	240	279881	20.00	ng	-0.01
86) Perylene-d12	16.81	264	256947	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1383062	157.25	ng	0.01
7) Phenol-d6	6.22	99	1816207	150.87	ng	0.00
23) Nitrobenzene-d5	7.12	82	1142730	132.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	304445	133.25	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1622444	101.58	ng	-0.01
78) Terphenyl-d14	13.21	244	1249041	106.43	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.00	88	167377	35.14	ng	# 87
3) Pyridine	2.60	79	538946	45.24	ng	97
4) n-Nitrosodimethylamine	2.57	42	277361	47.30	ng	93
6) Aniline	6.21	93	534591	32.46	ng	89
8) 2-Chlorophenol	6.34	128	482282	49.71	ng	92
9) Benzaldehyde	6.08	77	307563	59.16	ng	# 82
10) Phenol	6.24	94	770814	53.22	ng	100
11) bis(2-Chloroethyl)ether	6.29	93	549762	52.18	ng	94
12) 1,3-Dichlorobenzene	6.48	146	498770	46.25	ng	97
13) 1,4-Dichlorobenzene	6.56	146	522332	46.86	ng	97
14) 1,2-Dichlorobenzene	6.72	146	454846	44.48	ng	# 94
15) Benzyl Alcohol	6.70	79	451197	48.49	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.84	45	907288	49.07	ng	58
17) 2-Methylphenol	6.84	107	418113	51.70	ng	97
18) Hexachloroethane	7.05	117	198383	51.25	ng	# 84
19) n-Nitroso-di-n-propylamine	6.98	70	394448	45.84	ng	91
20) 3+4-Methylphenols	7.00	107	565210	51.60	ng	99
22) Acetophenone	6.97	105	734233	64.76	ng	96
24) Nitrobenzene	7.14	77	634241	68.90	ng	92
25) Isophorone	7.39	82	1125219	67.39	ng	97
26) 2-Nitrophenol	7.46	139	249752	66.46	ng	# 86
27) 2,4-Dimethylphenol	7.54	122	451405	71.66	ng	98
28) bis(2-Chloroethoxy)methane	7.63	93	632069	66.47	ng	# 98
29) 2,4-Dichlorophenol	7.73	162	411717	67.96	ng	94
30) 1,2,4-Trichlorobenzene	7.81	180	430290	65.25	ng	98
31) Naphthalene	7.89	128	17065958	830.04	ng	# 84
32) Benzoic acid	7.66	122	160784	37.01	ng	89
33) 4-Chloroaniline	7.89	127	3382973	381.69	ng	# 34
34) Hexachlorobutadiene	7.98	225	241650	64.54	ng	98
35) Caprolactam	8.29	113	143883	75.16	ng	# 92
36) 4-Chloro-3-methylphenol	8.43	107	451996	66.52	ng	91
37) 2-Methylnaphthalene	8.56	142	3426462	249.36	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	393120	54.49	ng	97
40) Hexachlorocyclopentadiene	8.70	237	31468	9.18	ng	98

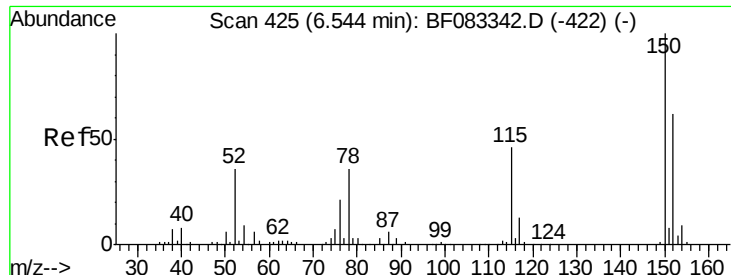
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	265583	52.48	nq	99
43) 2,4,5-Trichlorophenol	8.89	196	273917	52.24	nq	95
45) 1,1'-Biphenyl	9.01	154	1840263	92.20	nq	94
46) 2-Chloronaphthalene	9.04	162	807007	53.06	nq	95
47) 2-Nitroaniline	9.14	65	318483	52.87	nq	# 78
48) Acenaphthylene	9.45	152	2585180	106.56	nq	96
49) Dimethylphthalate	9.32	163	1144636	61.88	nq	99
50) 2,6-Dinitrotoluene	9.39	165	200803	50.84	nq	97
51) Acenaphthene	9.63	154	3118363	218.52	nq	98
52) 3-Nitroaniline	9.56	138	147414	31.84	nq	82
53) 2,4-Dinitrophenol	9.68	184	37650	19.56	nq	# 87
54) Dibenzofuran	9.79	168	1358618	64.97	nq	92
55) 4-Nitrophenol	9.79	139	782839	270.33	nq	# 1
56) 2,4-Dinitrotoluene	9.79	165	257565	51.39	nq	98
57) Fluorene	10.13	166	2297399	139.13	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	205690	48.62	nq	# 75
59) Diethylphthalate	10.02	149	835017	47.36	nq	98
60) 4-Chlorophenyl-phenylether	10.12	204	323739	42.67	nq	# 87
61) 4-Nitroaniline	10.17	138	212096	45.79	nq	96
62) Azobenzene	10.28	77	1075458	50.50	nq	95
64) 4,6-Dinitro-2-methylphenol	10.20	198	34411	14.59	nq	# 48
65) n-Nitrosodiphenylamine	10.25	169	813947	65.92	nq	99
66) 4-Bromophenyl-phenylether	10.62	248	230376	59.94	nq	99
67) Hexachlorobenzene	10.69	284	234066	55.07	nq	# 74
68) Atrazine	10.83	200	230416	67.47	nq	95
69) Pentachlorophenol	10.93	266	237461	106.66	nq	99
70) Phenanthrene	11.22	178	3088550	148.53	nq	97
71) Anthracene	11.22	178	3088550	147.54	nq	98
72) Carbazole	11.40	167	1022802	54.38	nq	99
73) Di-n-butylphthalate	11.85	149	1336310	59.95	nq	99
74) Fluoranthene	12.67	202	4430601	205.55	nq	99
76) Benzidine	12.87	184	543310	65.17	nq	97
77) Pyrene	12.99	202	5472787	279.99	nq	93
79) Butylbenzylphthalate	13.95	149	475147	57.30	nq	85
80) Benzo(a)anthracene	14.74	228	2690202	156.89	nq	94
81) 3,3'-Dichlorobenzidine	14.72	252	279929	52.27	nq	96
82) Chrysene	14.80	228	2251068	135.88	nq	98
83) Bis(2-ethylhexyl)phthalate	14.85	149	673299	60.53	nq	98
84) Di-n-octyl phthalate	15.83	149	1110337	67.04	nq	97
85) Indeno(1,2,3-cd)pyrene	18.20	276	1350115	111.90	nq	98
87) Benzo(b)fluoranthene	16.32	252	3575210	216.85	nq	99
88) Benzo(k)fluoranthene	16.32	252	3575210	229.65	nq	# 97
89) Benzo(a)pyrene	16.75	252	2274374	160.61	nq	# 96
90) Dibenzo(a,h)anthracene	18.21	278	717947	58.18	nq	99
91) Benzo(g,h,i)perylene	18.58	276	1270906	104.94	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF083452.D

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SB-P3WC-09(0-8)MS

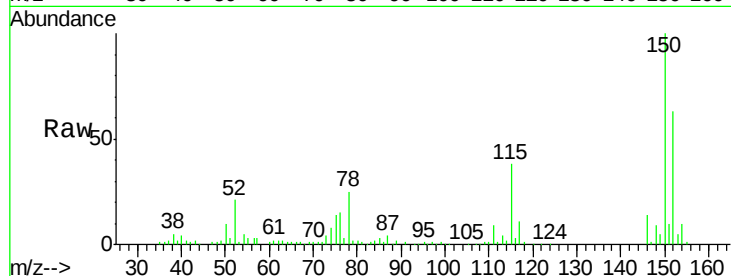
Tot Ion:152 Resp: 131976

Ion Ratio Lower Upper

152 100

150 157.6 129.8 194.8

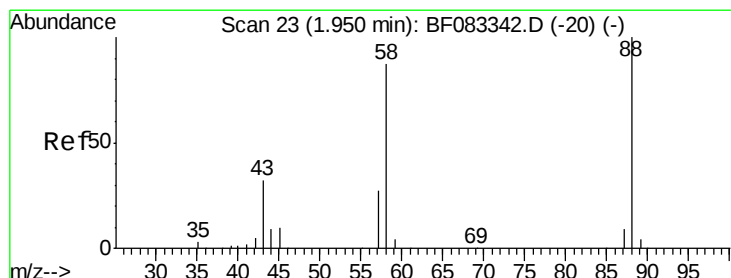
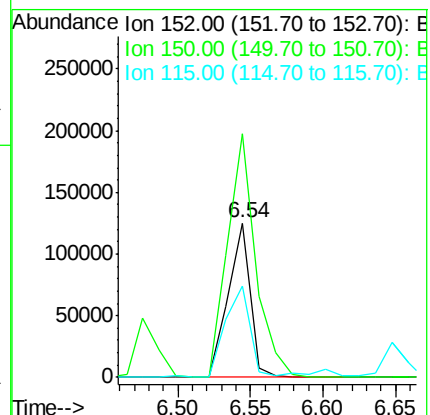
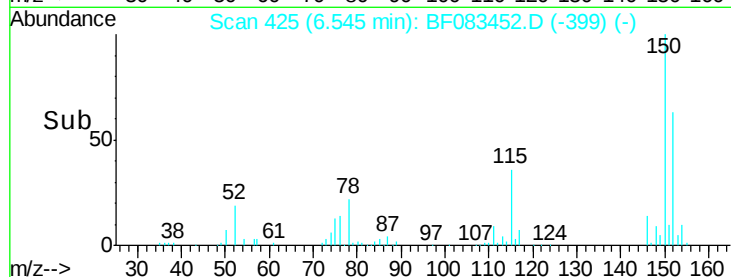
115 59.3 59.2 88.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.14 ng

RT: 2.00 min Scan# 27

Delta R.T. 0.05 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

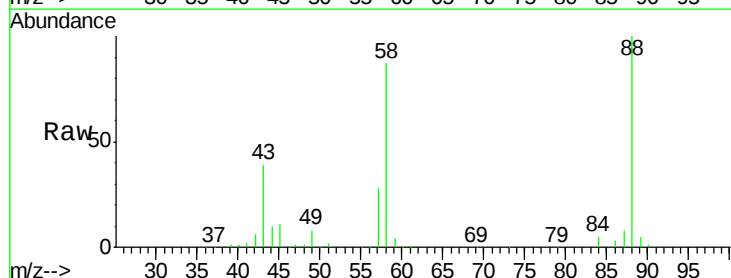
Tgt Ion: 88 Resp: 167377

Ion Ratio Lower Upper

88 100

58 90.2 66.6 100.0

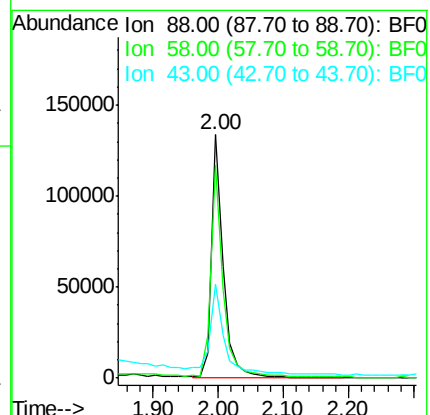
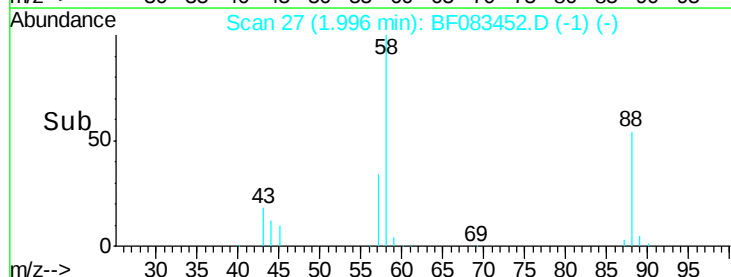
43 48.8 27.1 40.7#

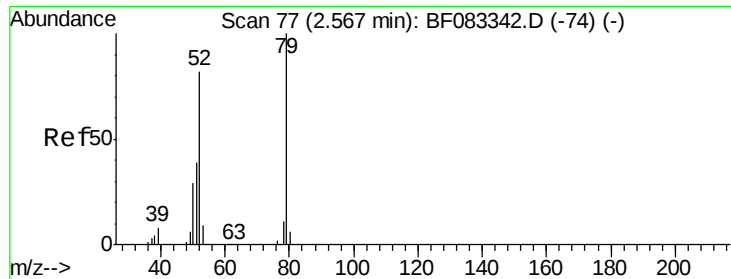


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

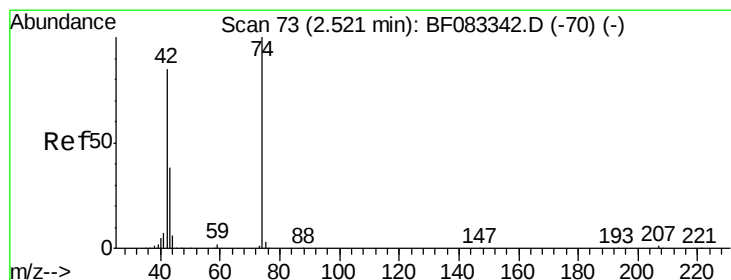
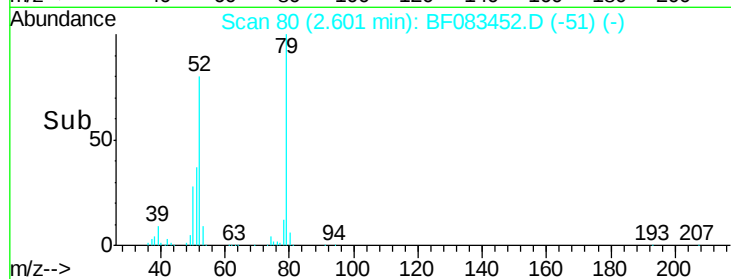
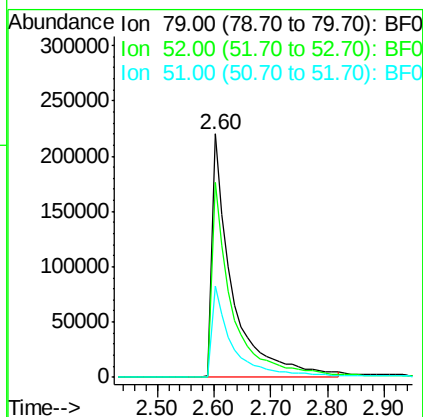
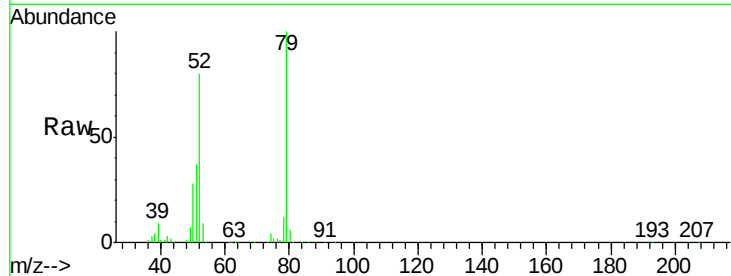




#3
 Pvridine
 Concen: 45.24 ng
 RT: 2.60 min Scan# 80
 Delta R.T. 0.04 min
 Lab File: BF083452.D
 Acq: 3 Dec 2015 9:26

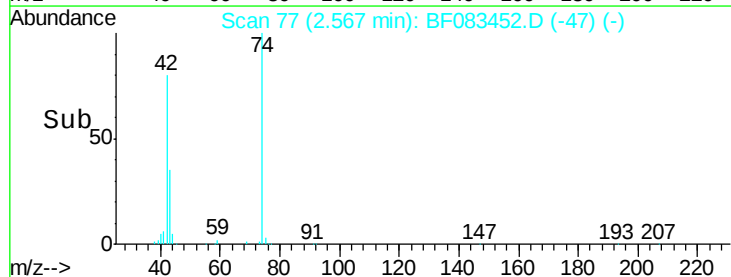
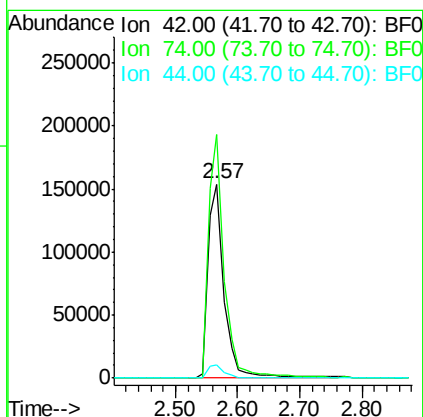
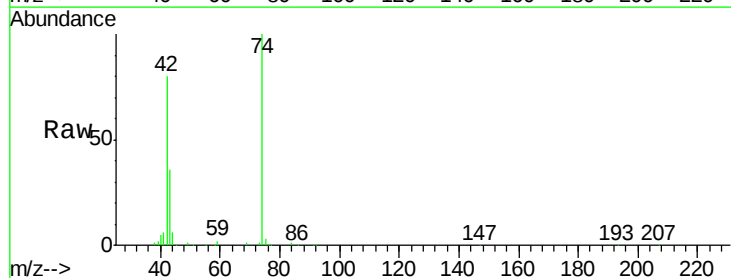
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(0-8)MS

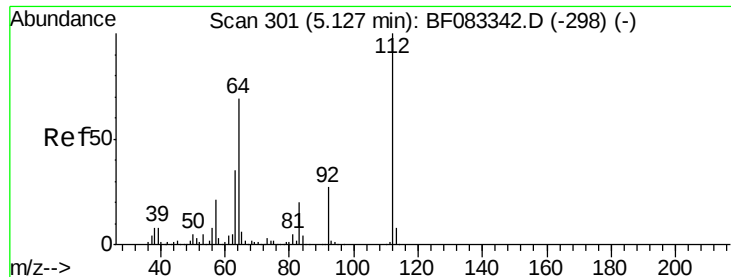
Tot Ion	Ratio	Lower	Upper
79	100		
52	80.3	65.9	98.9
51	37.3	32.3	48.5



#4
 n-Nitrosodimethylamine
 Concen: 47.30 ng
 RT: 2.57 min Scan# 77
 Delta R.T. 0.05 min
 Lab File: BF083452.D
 Acq: 3 Dec 2015 9:26

Tgt Ion	Ratio	Lower	Upper
42	100		
74	125.4	93.7	140.5
44	6.9	5.6	8.4





#5

2-Fluorophenol

Concen: 157.25 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MS

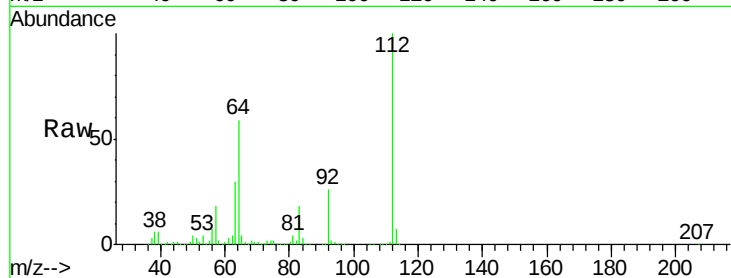
Tot Ion:112 Resp: 1383062

Ion Ratio Lower Upper

112 100

64 59.0 55.6 83.4

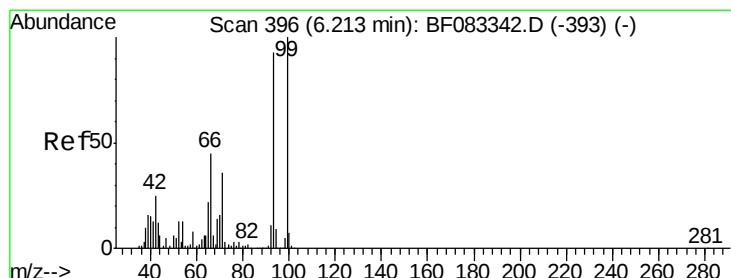
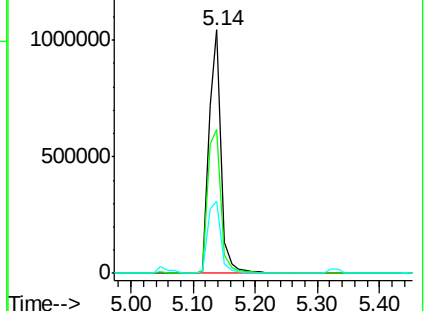
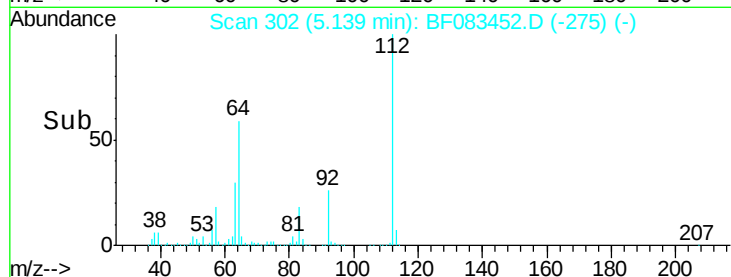
63 29.8 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 32.46 ng

RT: 6.21 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

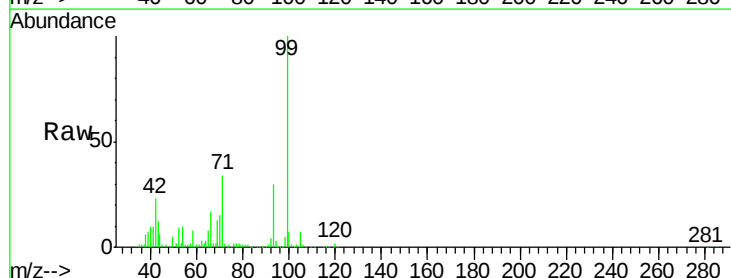
Tgt Ion: 93 Resp: 534591

Ion Ratio Lower Upper

93 100

66 57.5 38.7 58.1

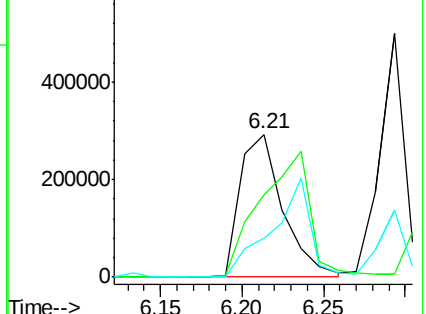
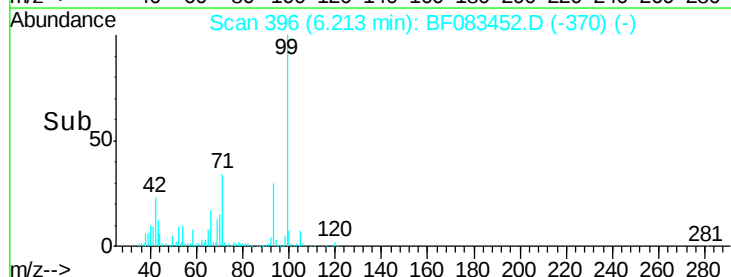
65 26.7 19.0 28.6

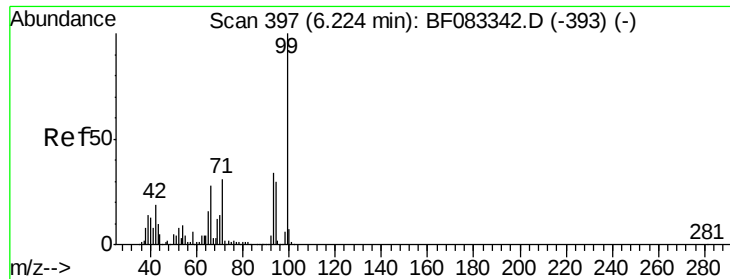


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 150.87 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083452.D

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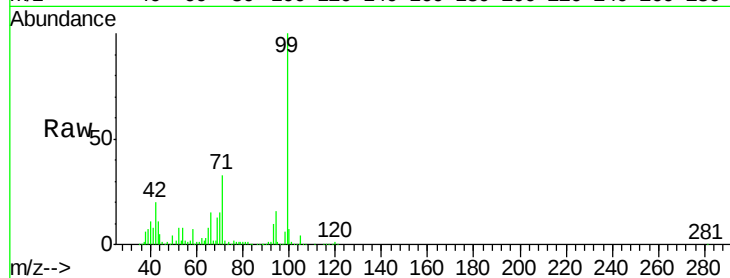
Tot Ion: 99 Resp: 1816207

Ion Ratio Lower Upper

99 100

42 19.8 14.9 22.3

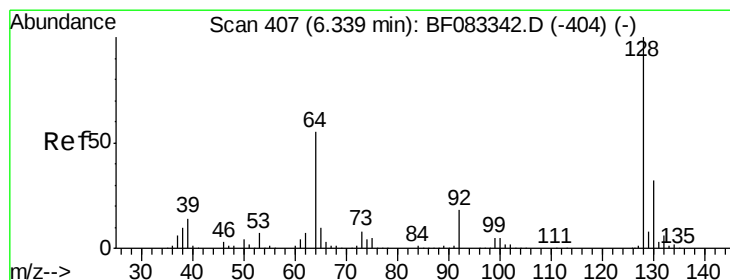
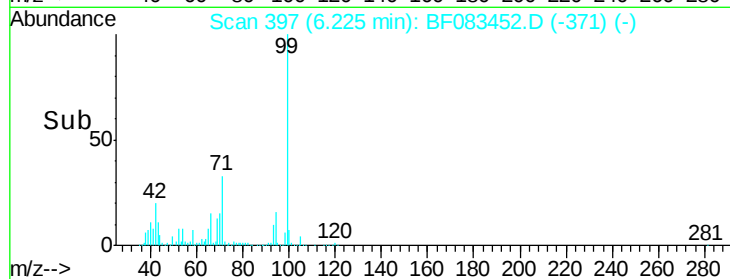
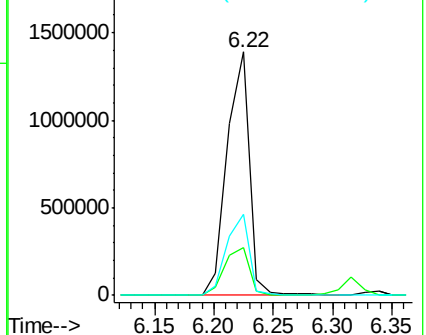
71 33.1 24.7 37.1



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: 49.71 ng

RT: 6.34 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

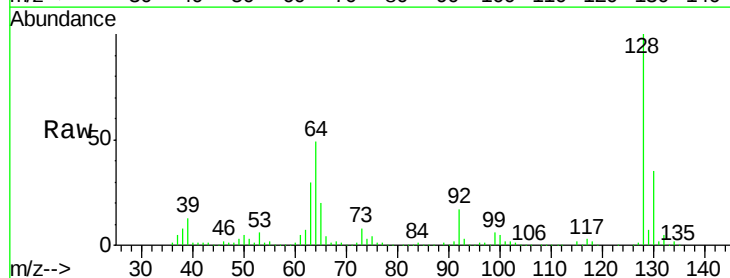
Tgt Ion:128 Resp: 482282

Ion Ratio Lower Upper

128 100

130 34.8 12.3 52.3

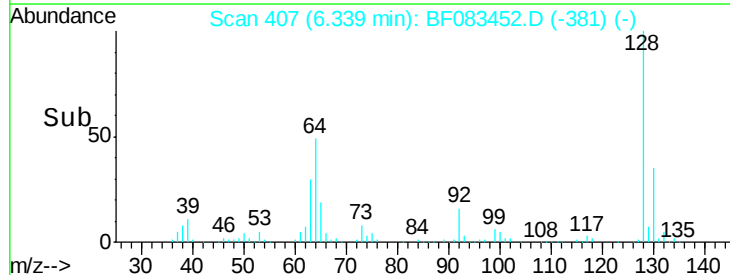
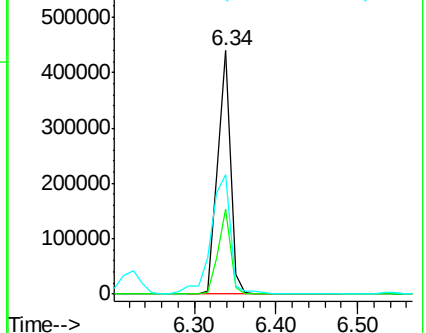
64 49.2 36.4 76.4

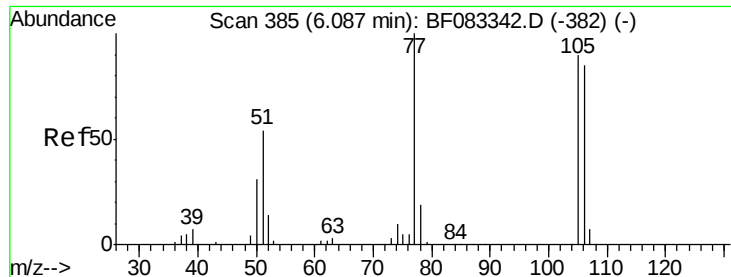


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 59.16 ng

RT: 6.08 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

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SB-P3WC-09(0-8)MS

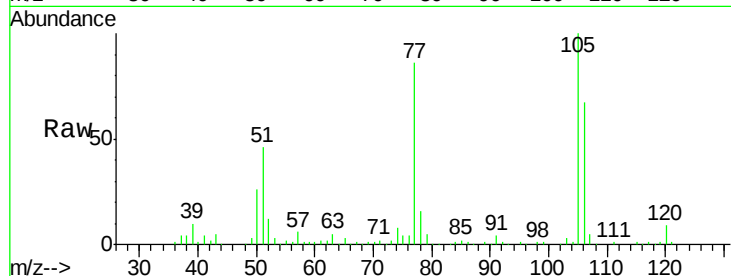
Tot Ion: 77 Resp: 307563

Ion Ratio Lower Upper

77 100

105 116.3 70.0 110.0#

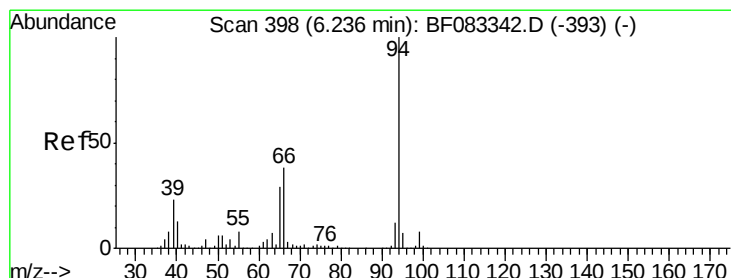
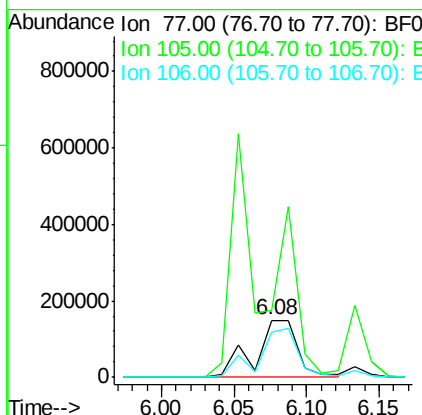
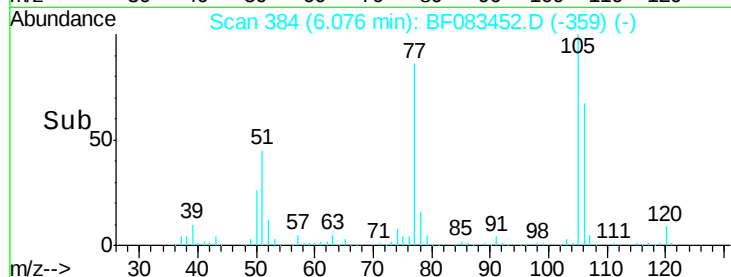
106 78.2 65.0 105.0



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: 53.22 ng

RT: 6.24 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

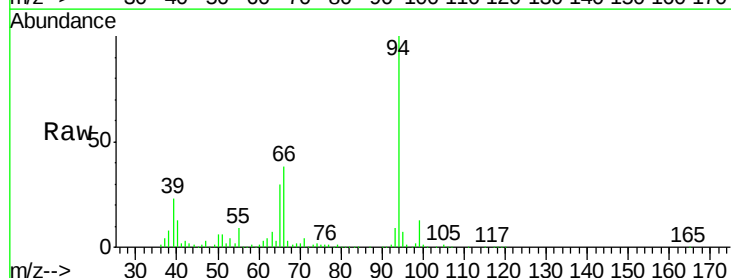
Tgt Ion: 94 Resp: 770814

Ion Ratio Lower Upper

94 100

65 29.6 9.5 49.5

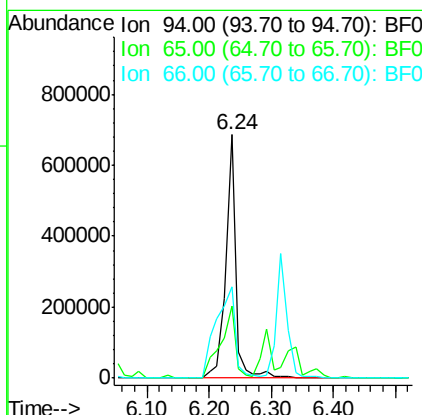
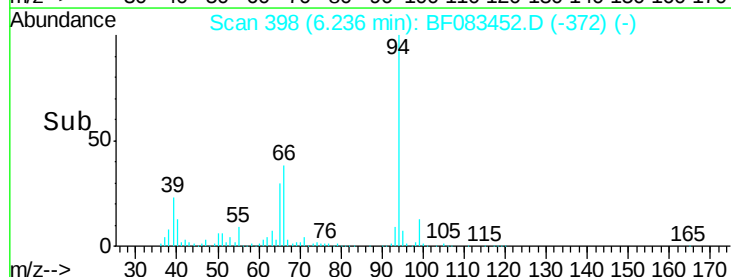
66 37.6 17.9 57.9

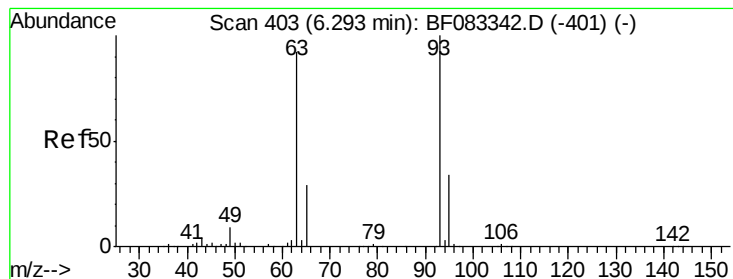


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

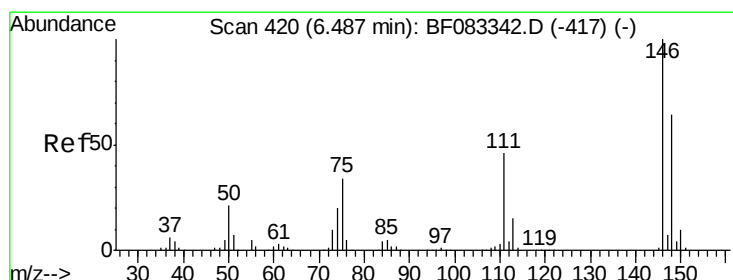
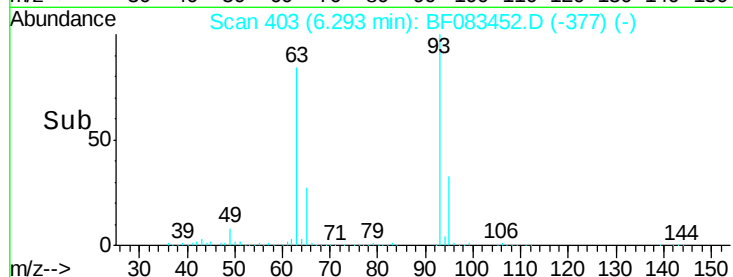
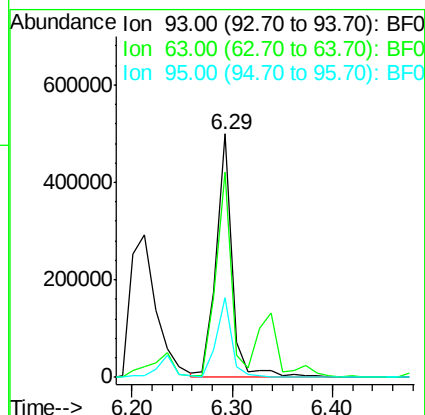
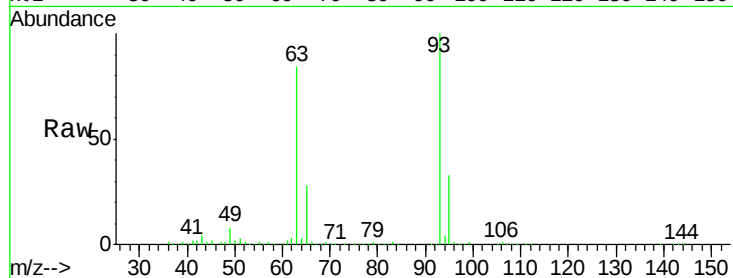




#11
bis(2-Chloroethyl)ether
Concen: 52.18 ng
RT: 6.29 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF083452.D
Acq: 3 Dec 2015 9:26

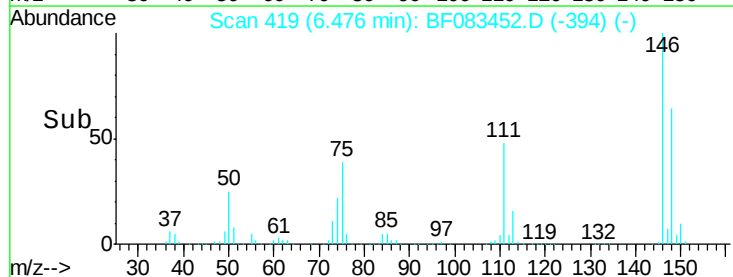
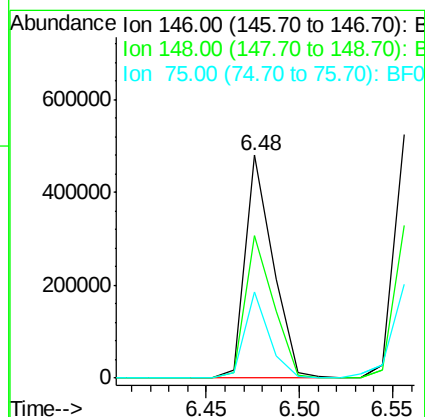
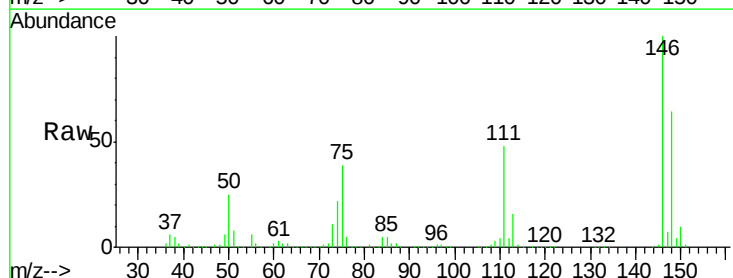
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(0-8)MS

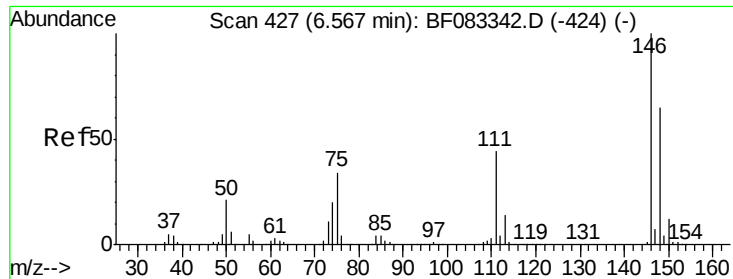
Tot Ion: 93 Resp: 549762
Ion Ratio Lower Upper
93 100
63 84.4 71.4 111.4
95 32.9 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 46.25 ng
RT: 6.48 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF083452.D
Acq: 3 Dec 2015 9:26

Tgt Ion: 146 Resp: 498770
Ion Ratio Lower Upper
146 100
148 64.0 51.1 76.7
75 38.9 27.5 41.3

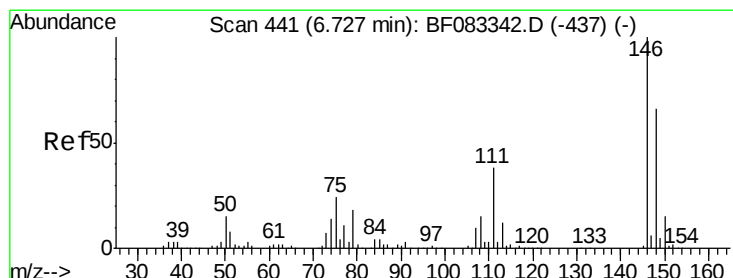
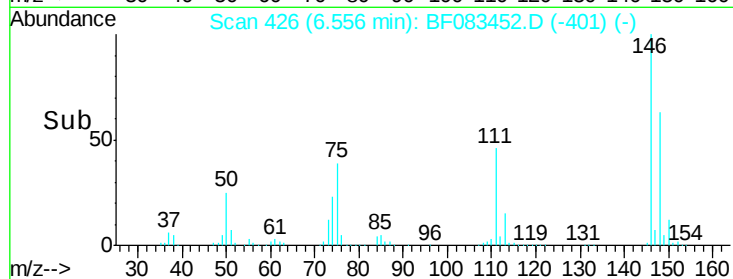
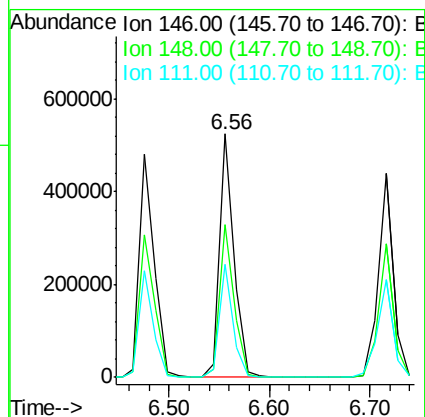
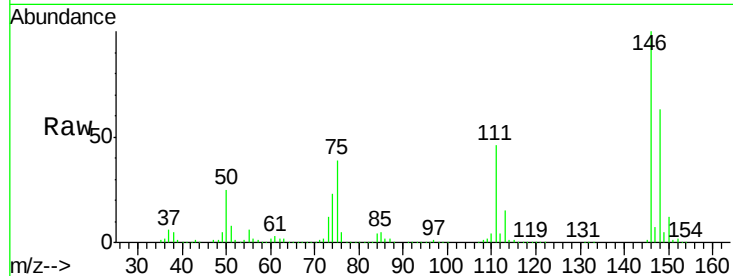




#13
 1,4-Dichlorobenzene
 Concen: 46.86 ng
 RT: 6.56 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: BF083452.D
 Acq: 3 Dec 2015 9:26

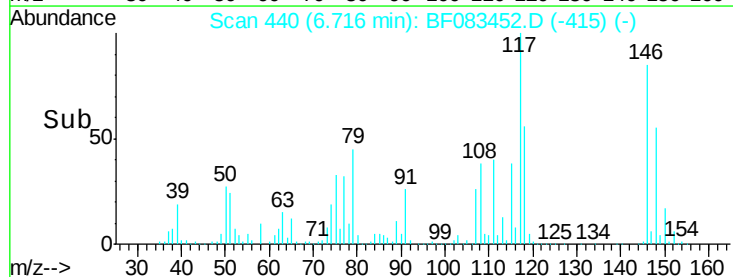
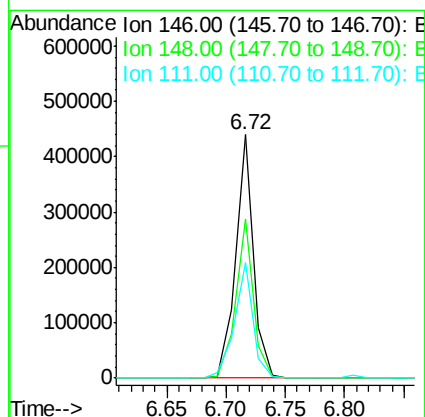
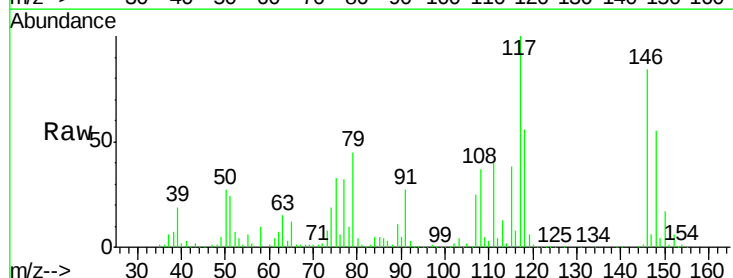
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(0-8)MS

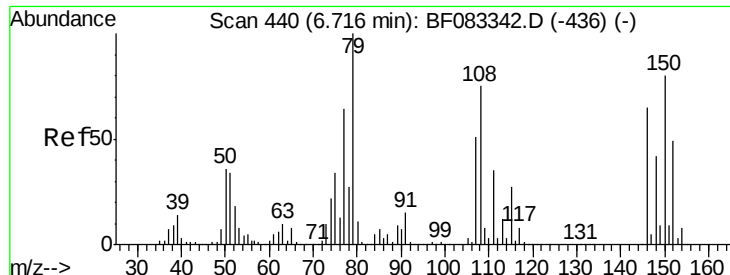
Tot Ion:146 Resp: 522332
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.1 78.1
 111 46.3 35.4 53.0



#14
 1,2-Dichlorobenzene
 Concen: 44.48 ng
 RT: 6.72 min Scan# 440
 Delta R.T. -0.01 min
 Lab File: BF083452.D
 Acq: 3 Dec 2015 9:26

Tgt Ion:146 Resp: 454846
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.5 78.7
 111 47.7 30.6 46.0#

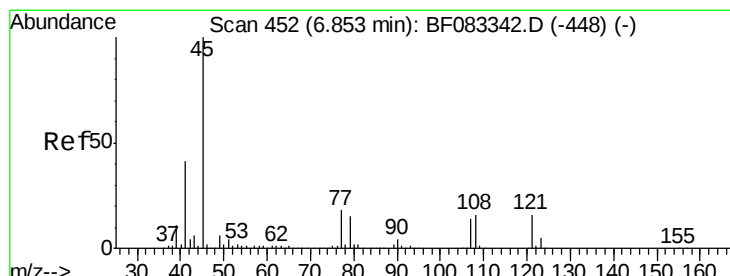
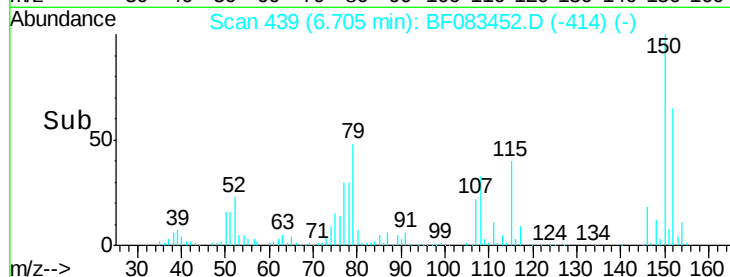
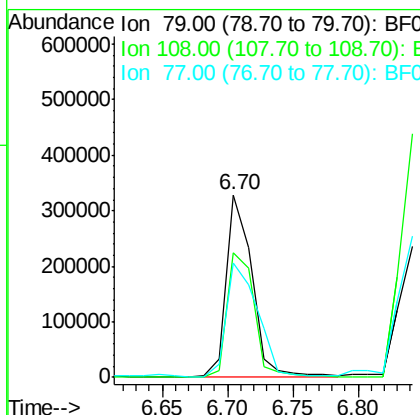
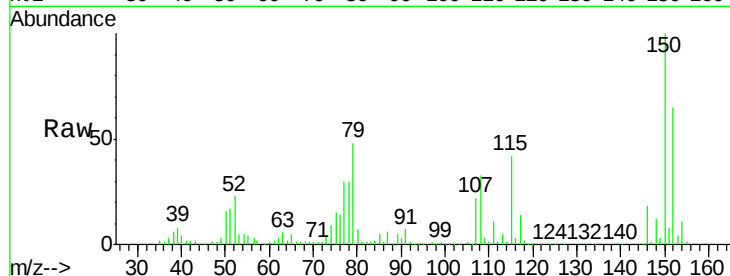




#15
Benzyl Alcohol
Concen: 48.49 ng
RT: 6.70 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF083452.D
Acq: 3 Dec 2015 9:26

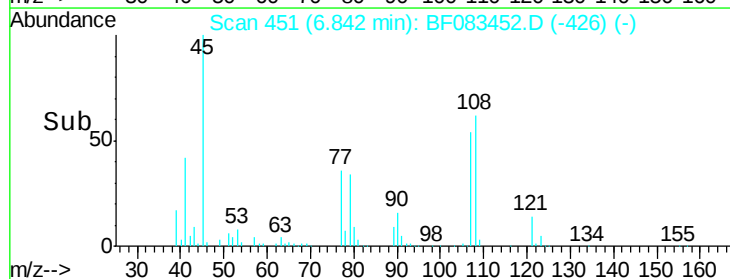
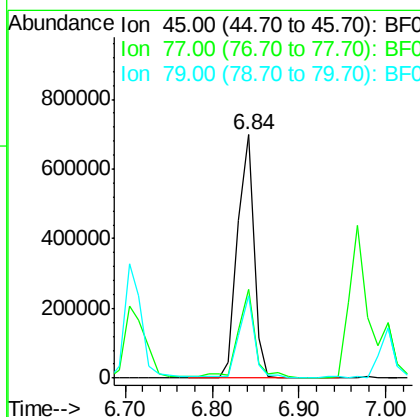
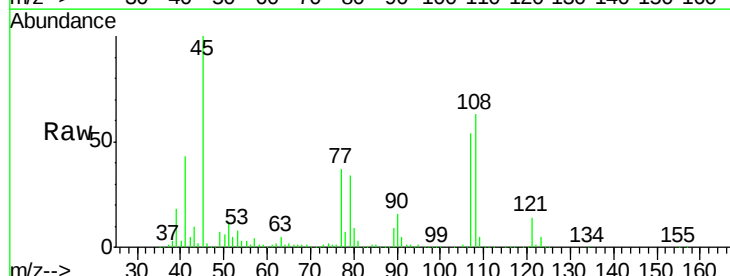
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(0-8)MS

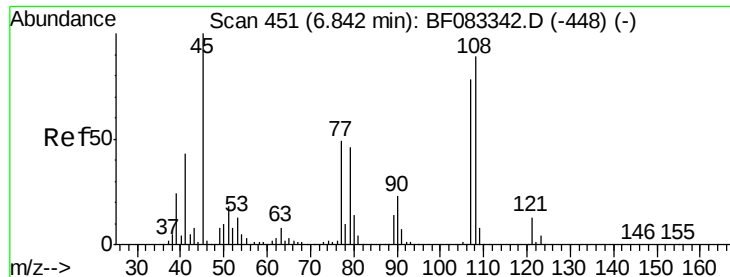
Tot Ion: 79 Resp: 451197
Ion Ratio Lower Upper
79 100
108 68.0 59.9 89.9
77 62.7 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.07 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083452.D
Acq: 3 Dec 2015 9:26

Tgt Ion: 45 Resp: 907288
Ion Ratio Lower Upper
45 100
77 36.6 0.0 38.3
79 33.7 0.0 35.4





#17

2-Methylphenol

Concen: 51.70 ng

RT: 6.84 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MS

Tot Ion:107 Resp: 418113

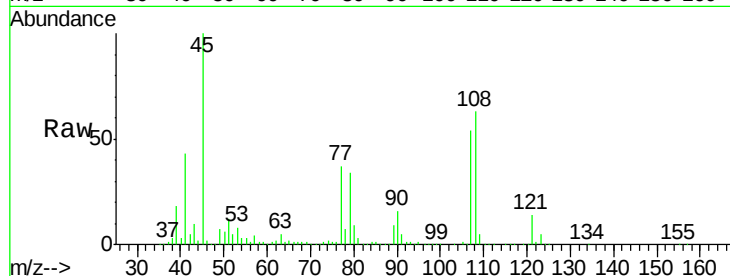
Ion Ratio Lower Upper

107 100

108 115.8 91.6 137.4

77 67.4 49.9 74.9

79 62.2 47.3 70.9

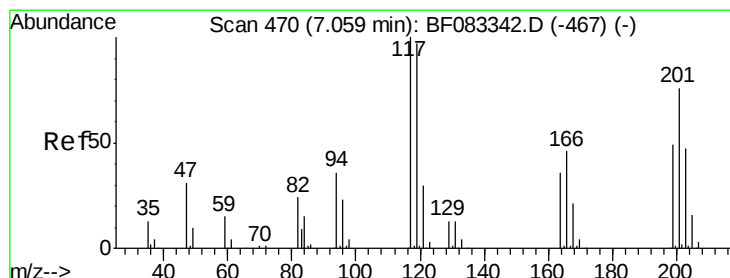
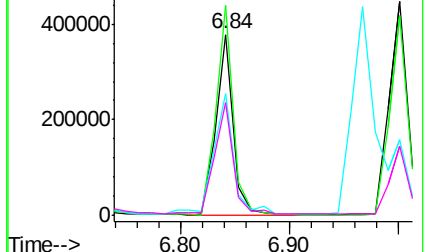
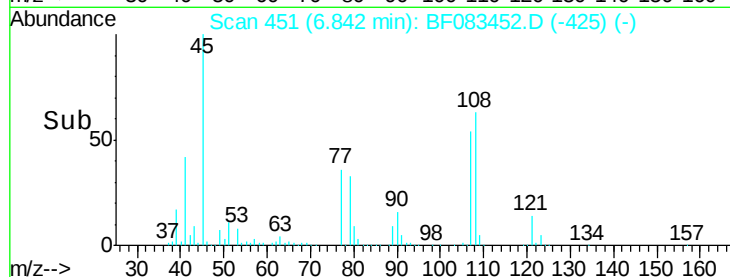


Abundance Ion 107.00 (106.70 to 107.70): E

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: 51.25 ng

RT: 7.05 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

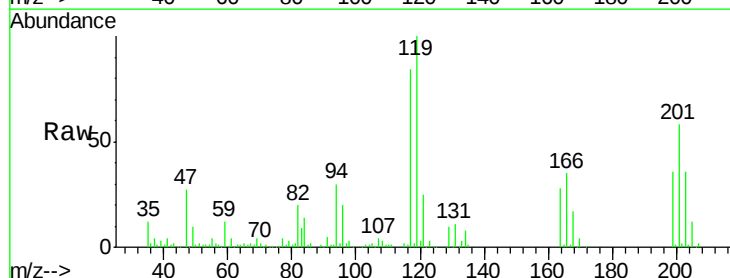
Tgt Ion:117 Resp: 198383

Ion Ratio Lower Upper

117 100

119 119.0 77.3 115.9#

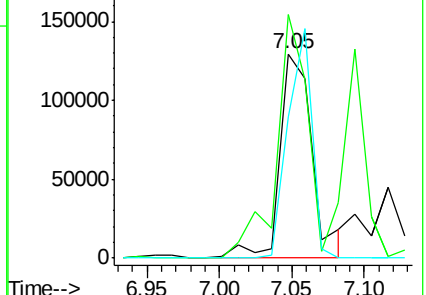
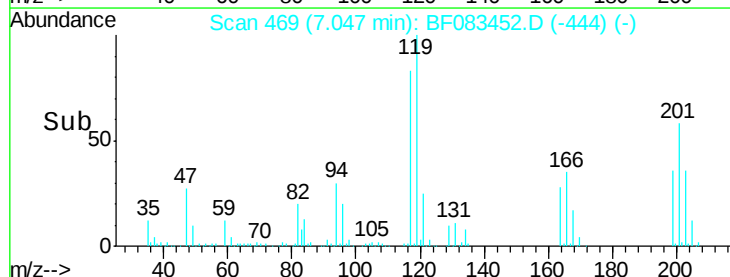
201 69.3 60.6 90.8

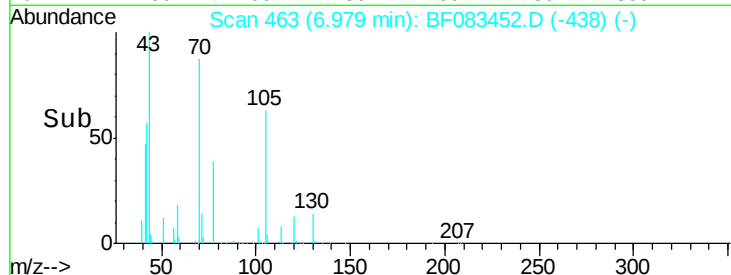
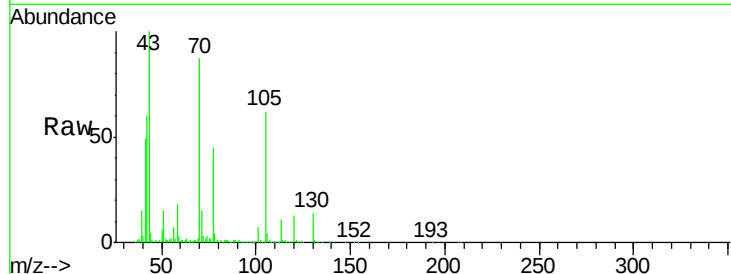
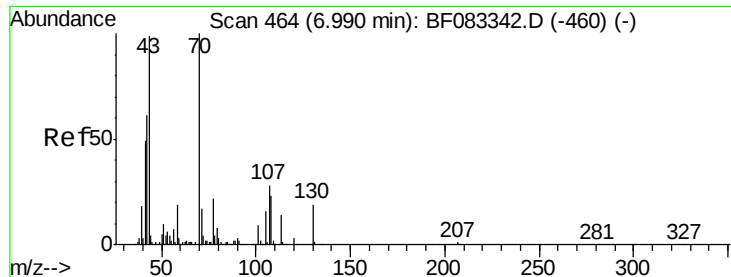


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

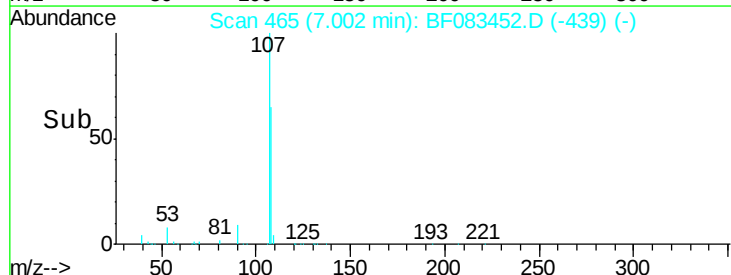
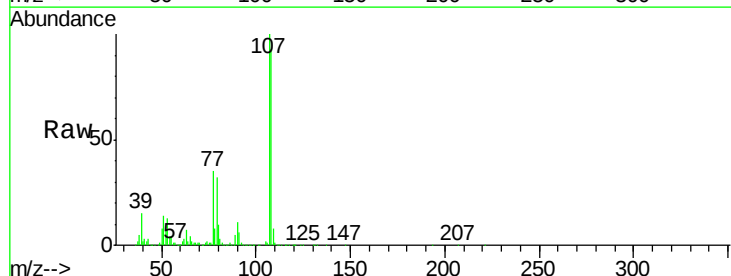
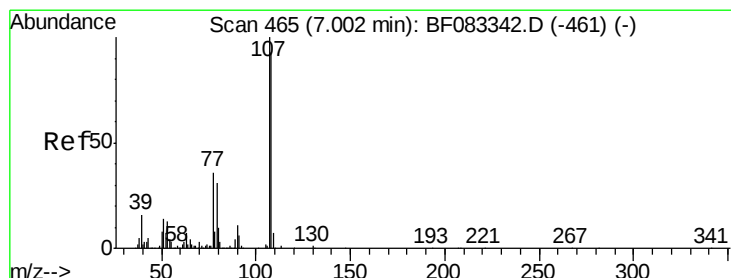
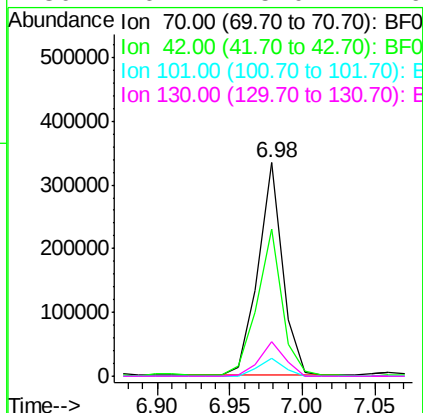




#19
n-Nitroso-di-n-propylamine
Concen: 45.84 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083452.D
Acq: 3 Dec 2015 9:26

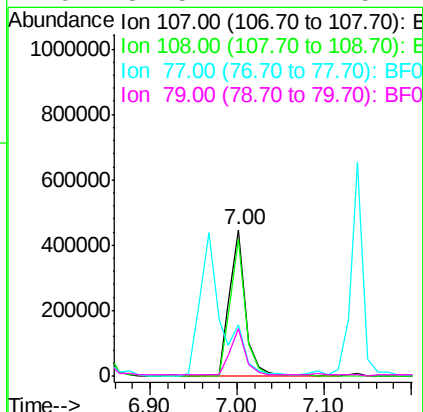
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(0-8)MS

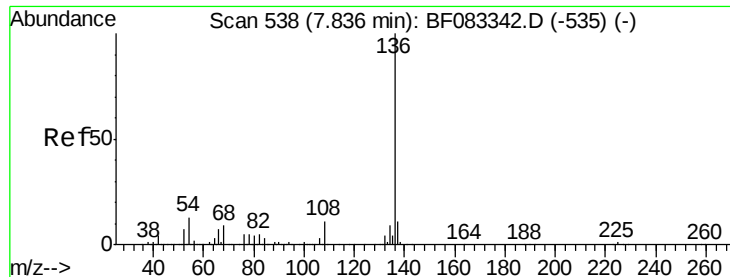
Tot Ion: 70 Resp: 394448
Ion Ratio Lower Upper
70 100
42 69.1 48.8 73.2
101 8.4 7.1 10.7
130 16.4 15.0 22.6



#20
3+4-Methylphenols
Concen: 51.60 ng
RT: 7.00 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF083452.D
Acq: 3 Dec 2015 9:26

Tgt Ion:107 Resp: 565210
Ion Ratio Lower Upper
107 100
108 93.4 73.0 113.0
77 35.5 16.8 56.8
79 32.5 11.4 51.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 539

Delta R.T. 0.01 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MS

Tot Ion:136 Resp: 378938

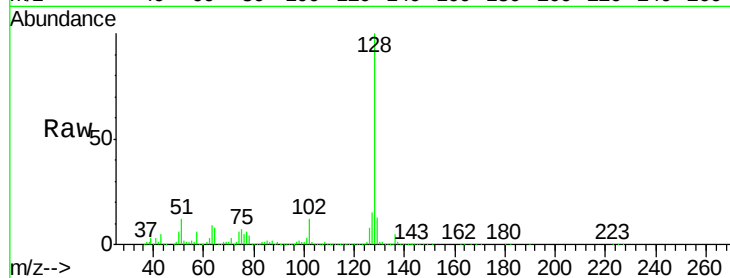
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 13.4 10.1 15.1

68 10.1 7.1 10.7

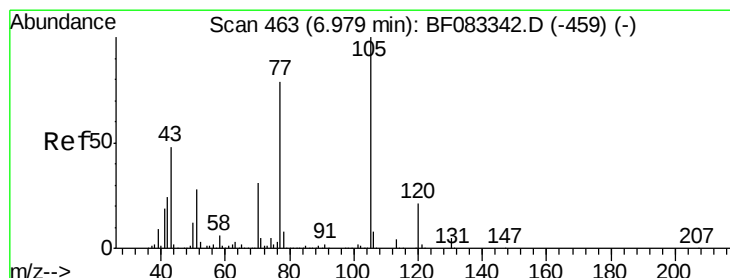
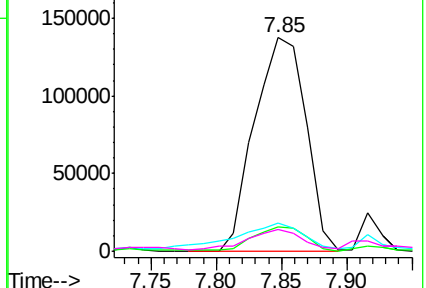
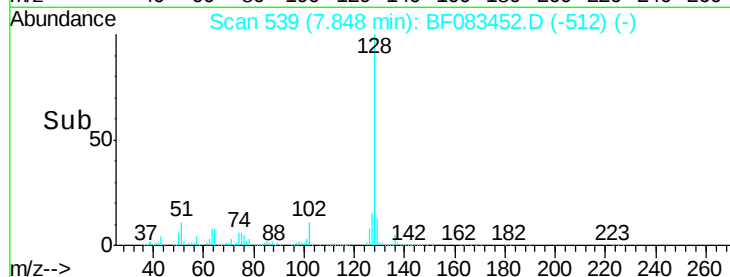


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.76 ng

RT: 6.97 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Tgt Ion:105 Resp: 734233

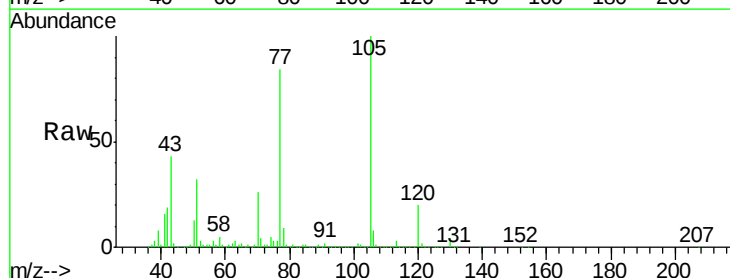
Ion Ratio Lower Upper

105 100

71 4.4 4.3 6.5

51 31.8 22.9 34.3

120 20.1 16.7 25.1

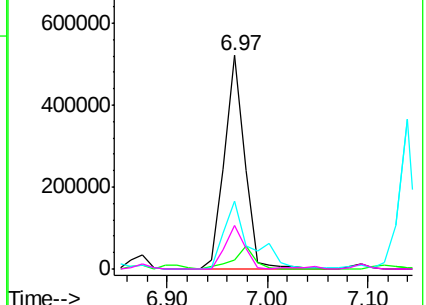
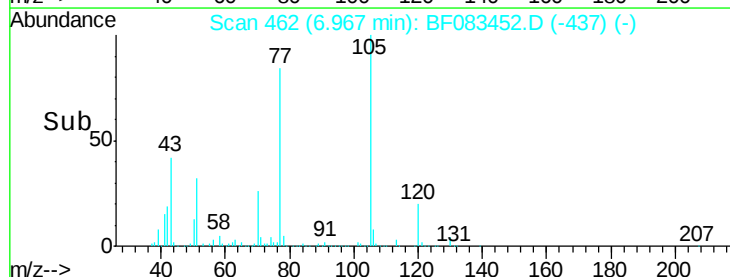


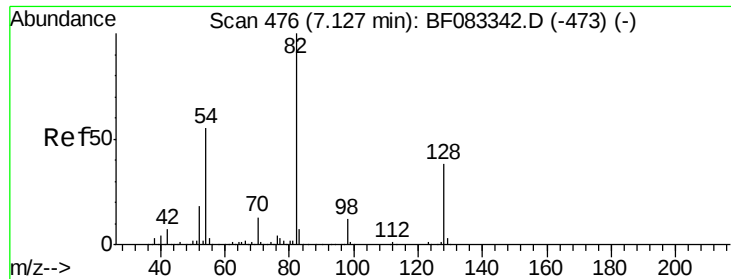
Abundance Ion 105.00 (104.70 to 105.70): E

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

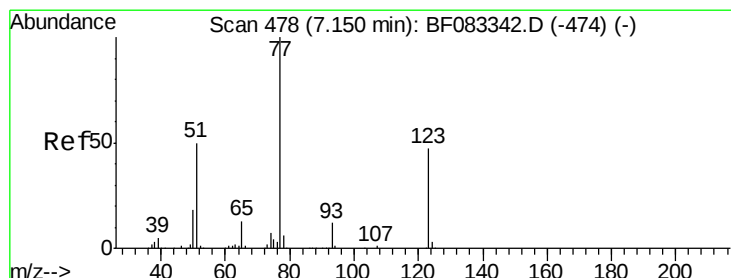
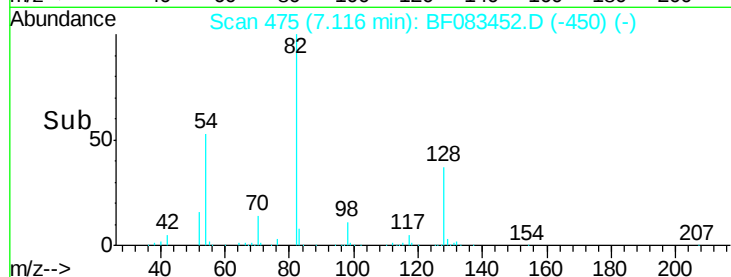
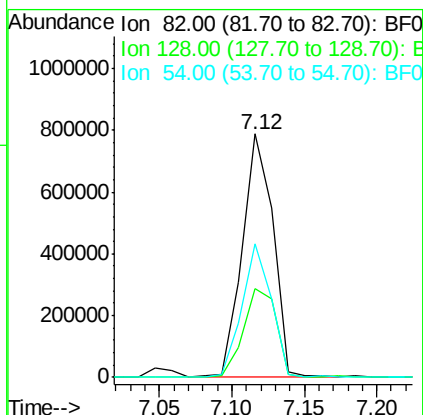
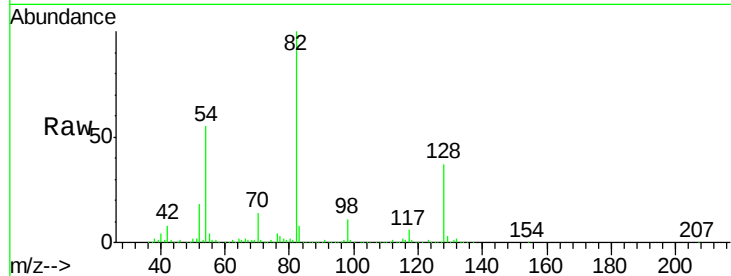




#23
 Nitrobenzene-d5
 Concen: 132.56 ng
 RT: 7.12 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: BF083452.D
 Acq: 3 Dec 2015 9:26

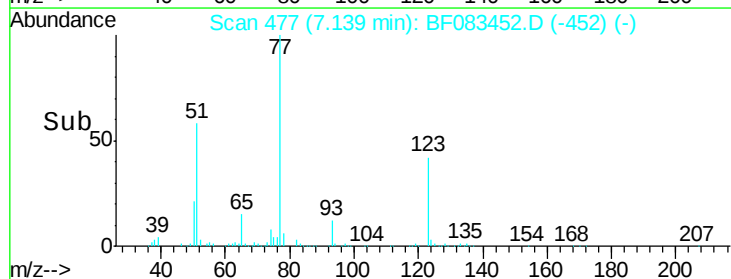
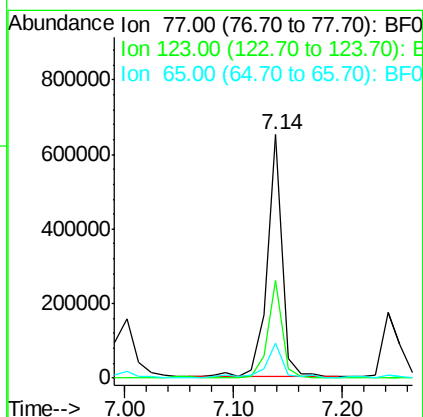
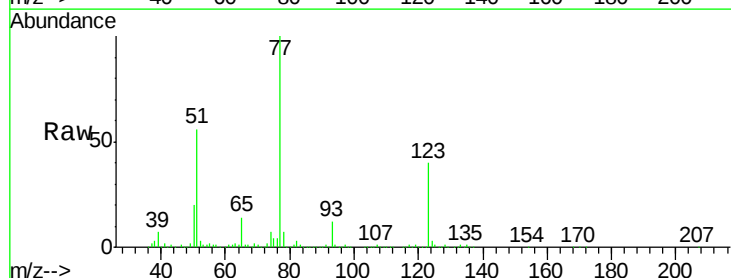
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(0-8)MS

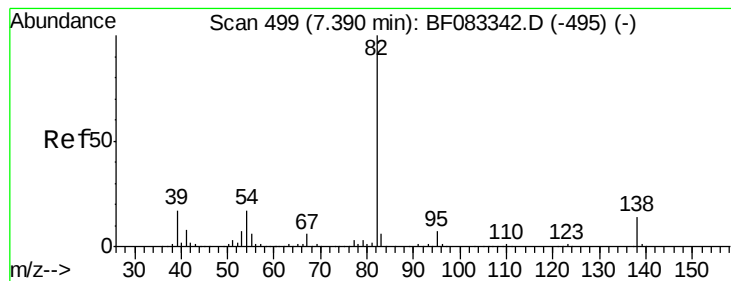
Tot Ion: 82 Resp: 1142730
 Ion Ratio Lower Upper
 82 100
 128 36.5 30.6 46.0
 54 54.6 43.8 65.6



#24
 Nitrobenzene
 Concen: 68.90 ng
 RT: 7.14 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF083452.D
 Acq: 3 Dec 2015 9:26

Tgt Ion: 77 Resp: 634241
 Ion Ratio Lower Upper
 77 100
 123 40.3 37.4 56.0
 65 14.4 10.6 15.8





#25

Isophorone

Concen: 67.39 ng

RT: 7.39 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MS

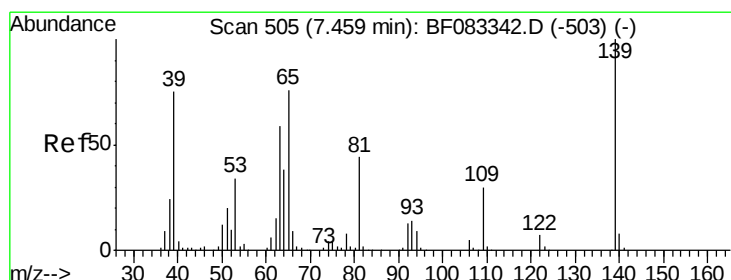
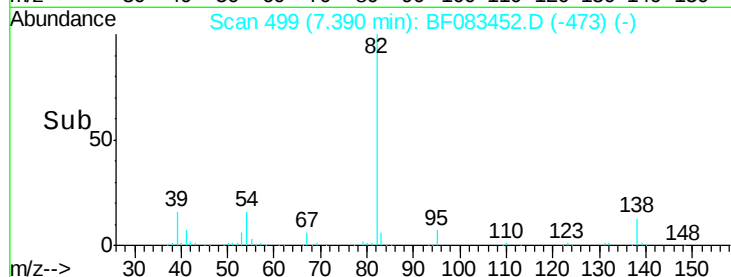
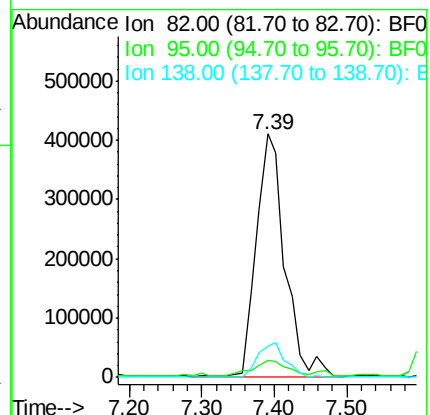
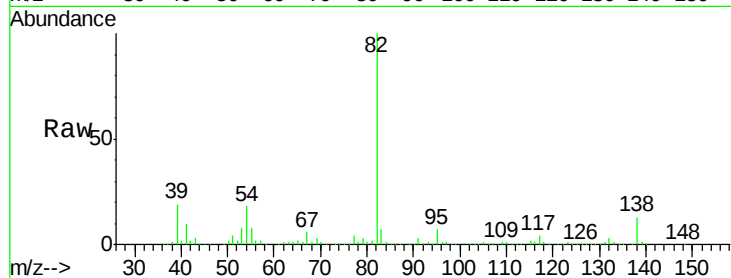
Tot Ion: 82 Resp: 1125219

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 12.9 11.6 17.4



#26

2-Nitrophenol

Concen: 66.46 ng

RT: 7.46 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

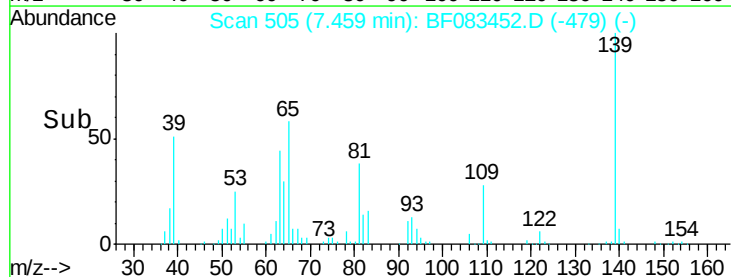
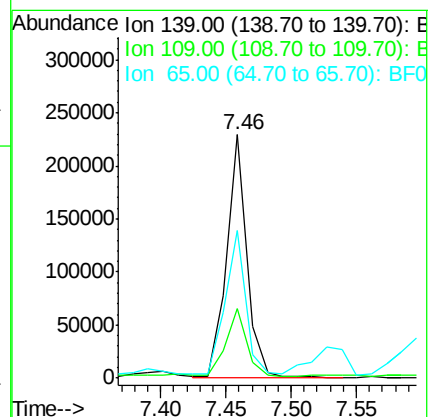
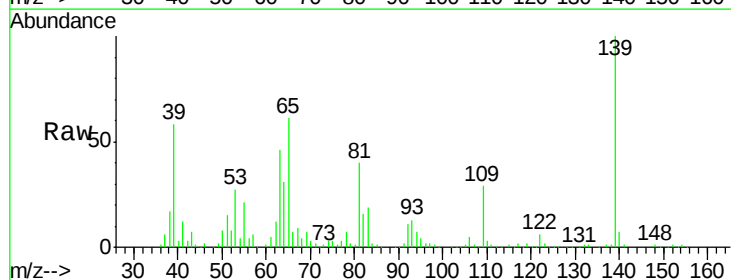
Tgt Ion: 139 Resp: 249752

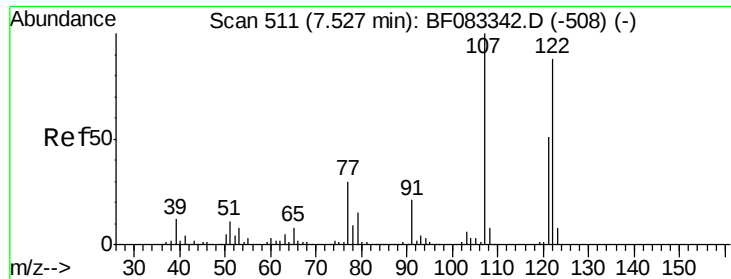
Ion Ratio Lower Upper

139 100

109 28.7 24.2 36.4

65 60.6 61.0 91.6#





#27

2,4-Dimethylphenol

Concen: 71.66 ng

RT: 7.54 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MS

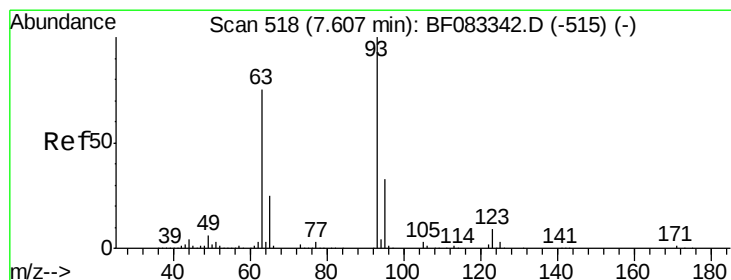
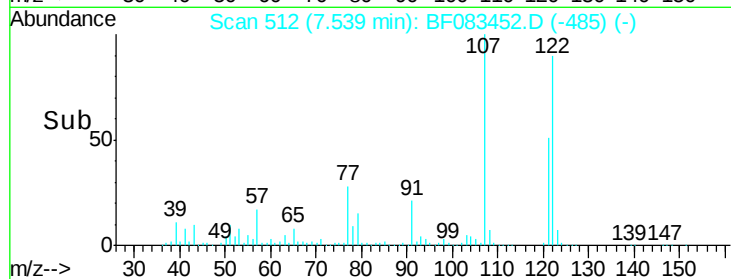
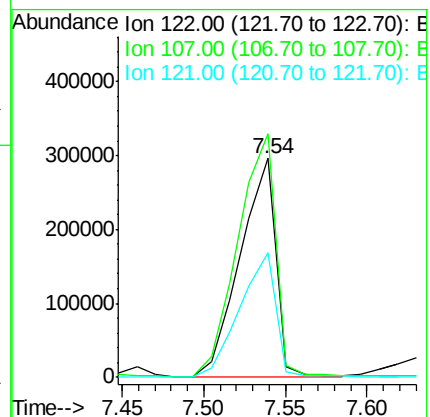
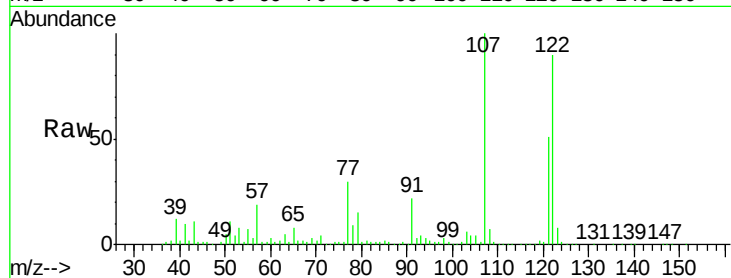
Tot Ion:122 Resp: 451405

Ion Ratio Lower Upper

122 100

107 111.2 91.2 136.8

121 56.9 46.4 69.6



#28

bis(2-Chloroethoxy)methane

Concen: 66.47 ng

RT: 7.63 min Scan# 520

Delta R.T. 0.02 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

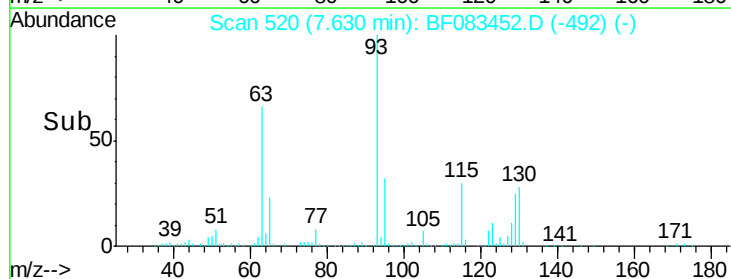
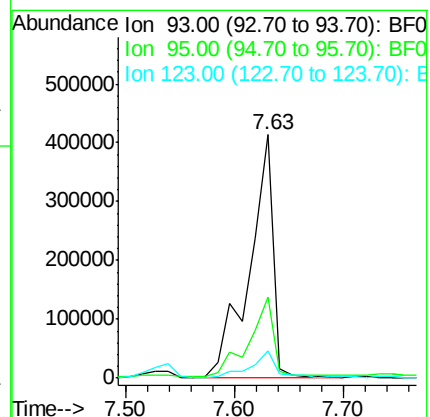
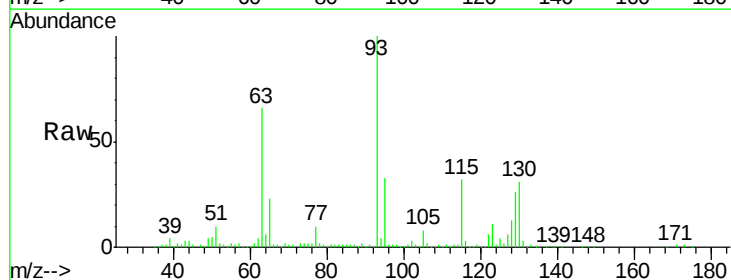
Tgt Ion: 93 Resp: 632069

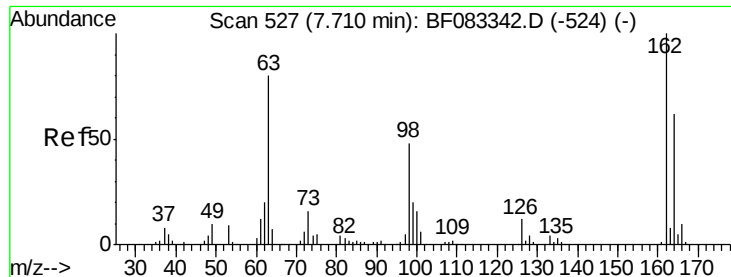
Ion Ratio Lower Upper

93 100

95 33.2 26.1 39.1

123 11.0 7.4 11.0#

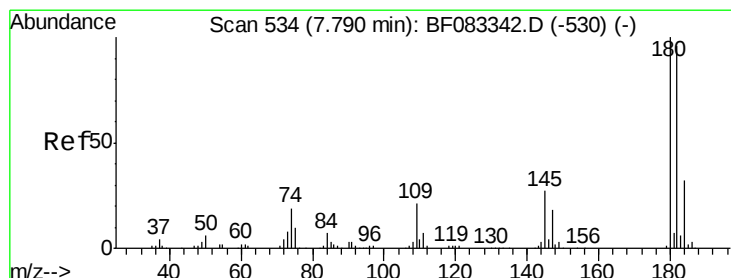
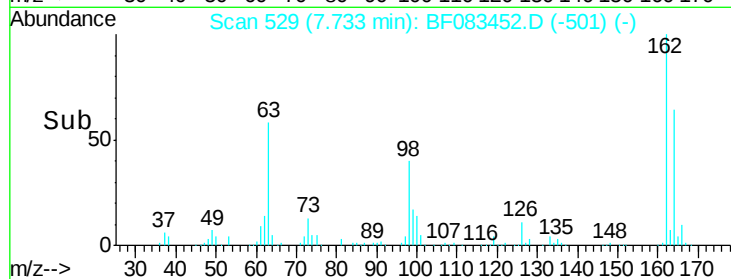
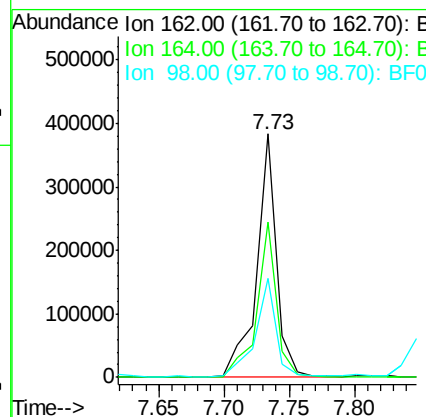
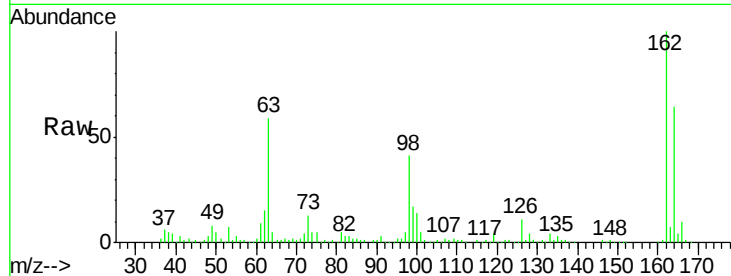




#29
 2,4-Dichlorophenol
 Concen: 67.96 ng
 RT: 7.73 min Scan# 529
 Delta R.T. 0.02 min
 Lab File: BF083452.D
 Acq: 3 Dec 2015 9:26

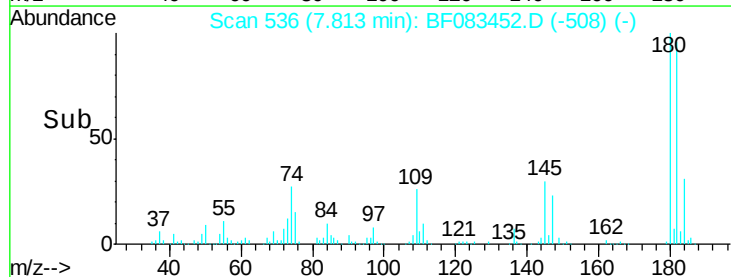
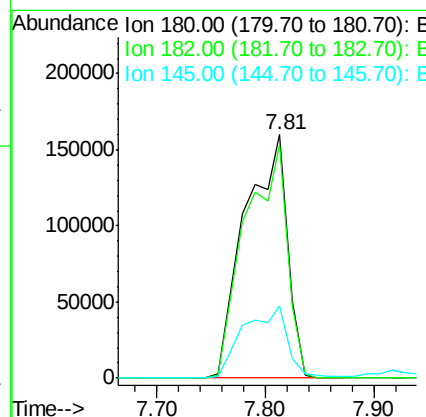
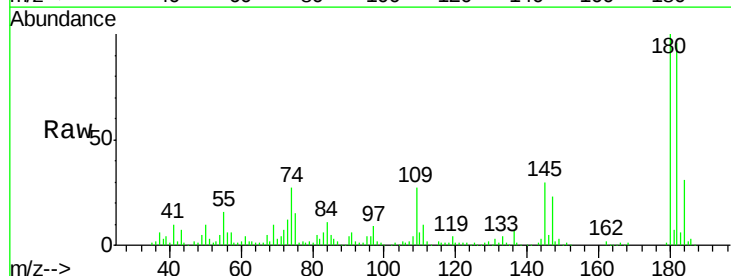
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(0-8)MS

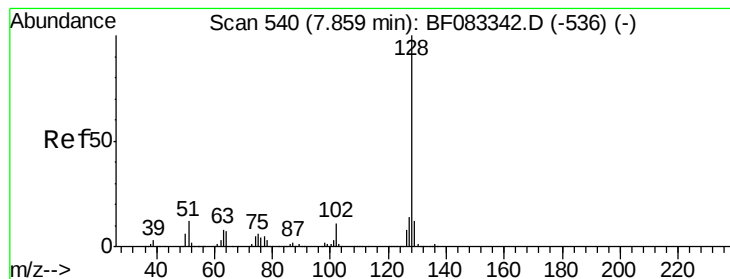
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	41.9	81.9
98	40.8	28.1	68.1



#30
 1,2,4-Trichlorobenzene
 Concen: 65.25 ng
 RT: 7.81 min Scan# 536
 Delta R.T. 0.02 min
 Lab File: BF083452.D
 Acq: 3 Dec 2015 9:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.2	115.8
145	29.7	21.4	32.2





#31

Naphthalene

Concen: 830.04 ng

RT: 7.89 min Scan# 543

Delta R.T. 0.03 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MS

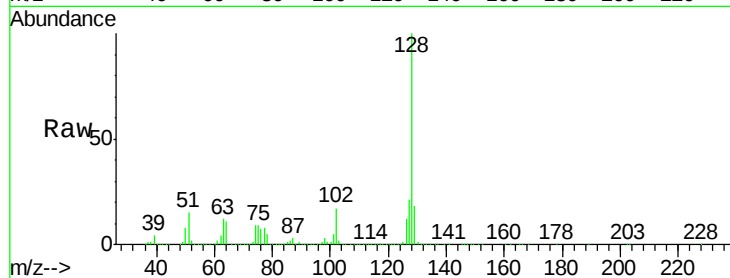
Tot Ion:128 Resp:17065958

Ion Ratio Lower Upper

128 100

129 17.6 9.7 14.5#

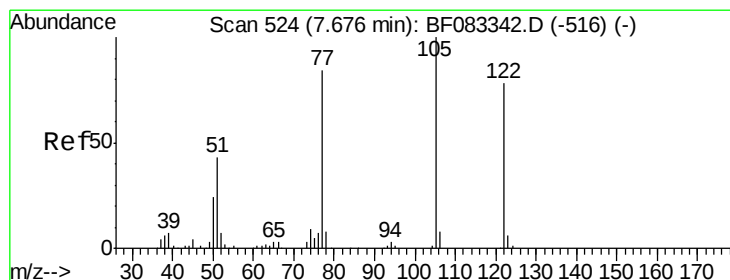
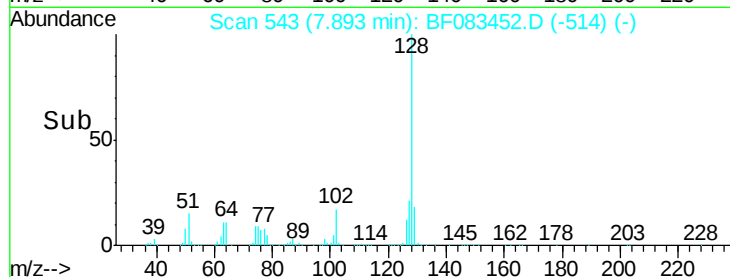
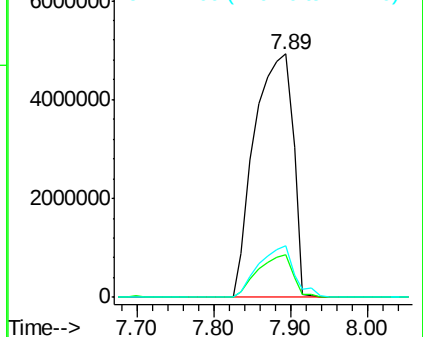
127 21.1 11.0 16.4#



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: 37.01 ng

RT: 7.66 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

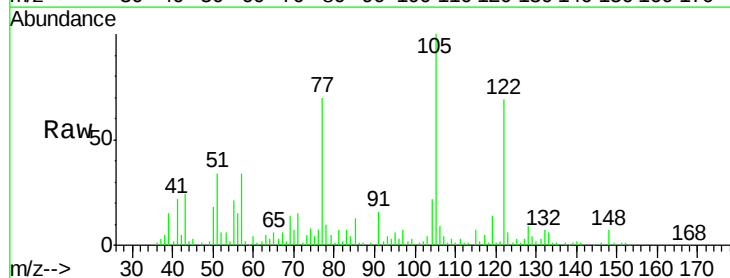
Tgt Ion:122 Resp: 160784

Ion Ratio Lower Upper

122 100

105 145.8 106.0 146.0

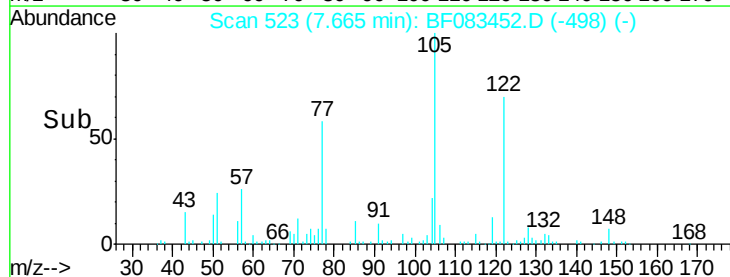
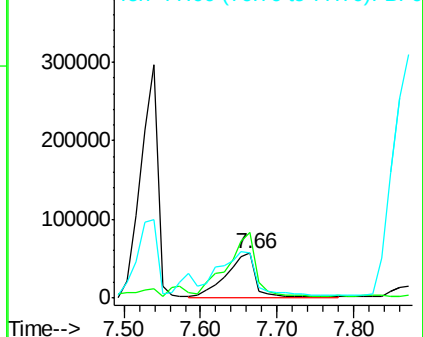
77 101.5 86.3 126.3

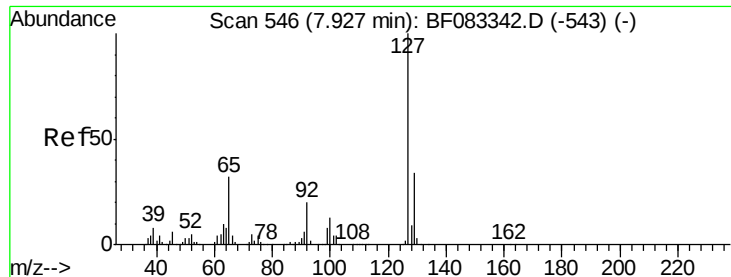


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

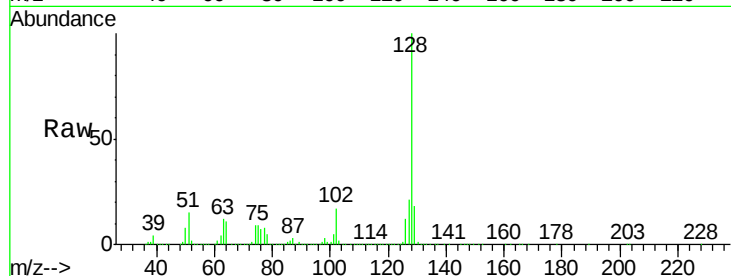




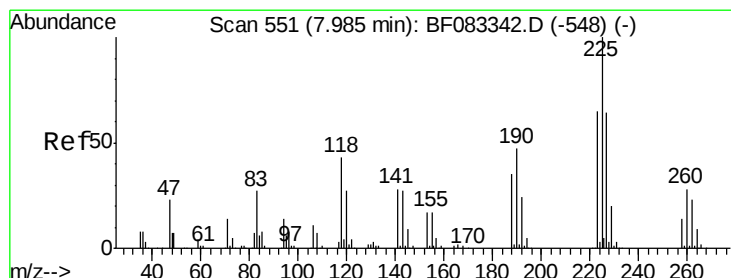
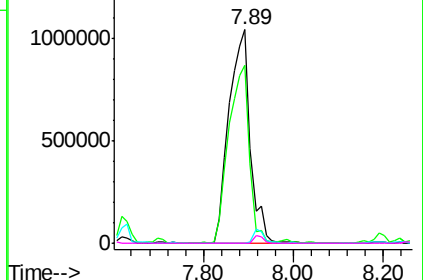
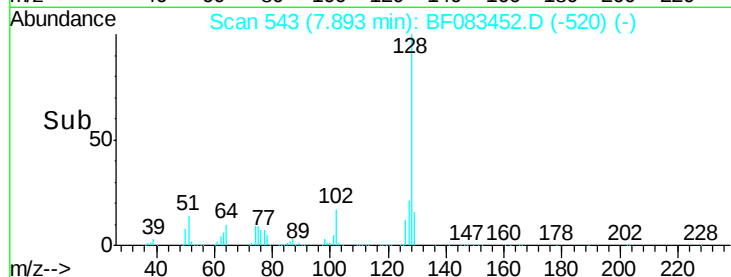
#33
4-Chloroaniline
Concen: 381.69 ng
RT: 7.89 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF083452.D
Acq: 3 Dec 2015 9:26

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(0-8)MS

Tot Ion:127 Resp: 3382973
Ion Ratio Lower Upper
127 100
129 83.3 27.0 40.4#
65 0.0 25.9 38.9#
92 0.0 15.8 23.8#

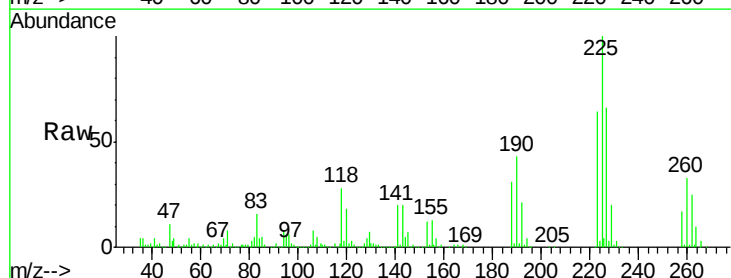


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

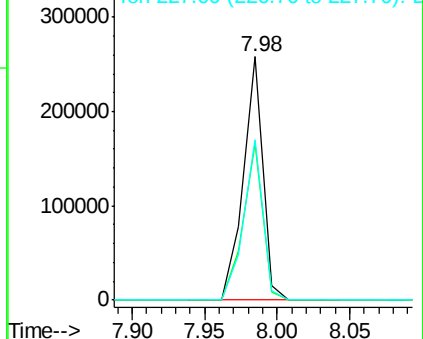
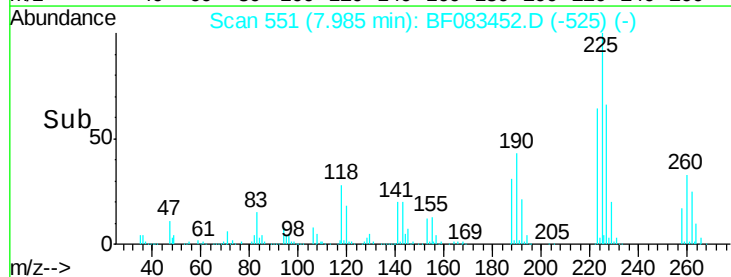


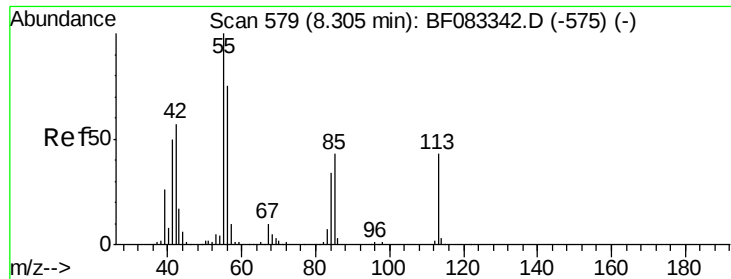
#34
Hexachlorobutadiene
Concen: 64.54 ng
RT: 7.98 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF083452.D
Acq: 3 Dec 2015 9:26

Tgt Ion:225 Resp: 241650
Ion Ratio Lower Upper
225 100
223 64.1 52.0 78.0
227 65.7 51.1 76.7



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: 75.16 ng

RT: 8.29 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MS

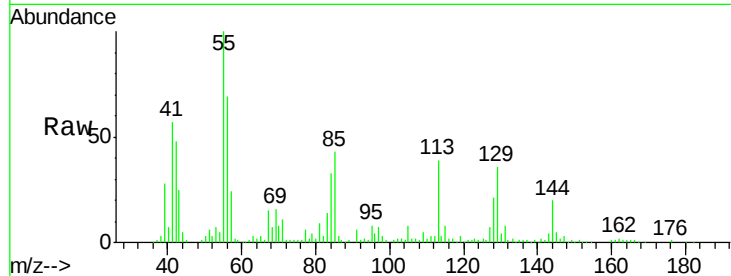
Tot Ion:113 Resp: 143883

Ion Ratio Lower Upper

113 100

55 254.0 211.6 251.6#

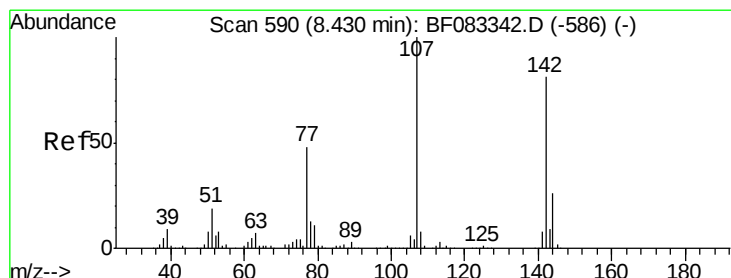
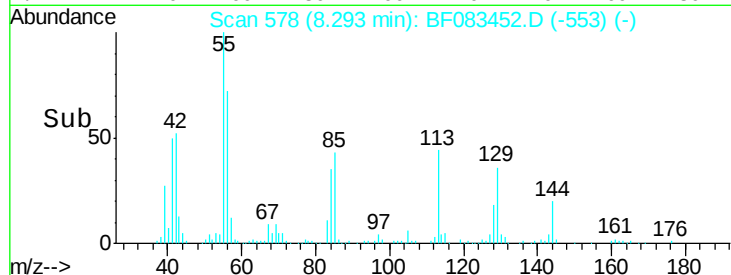
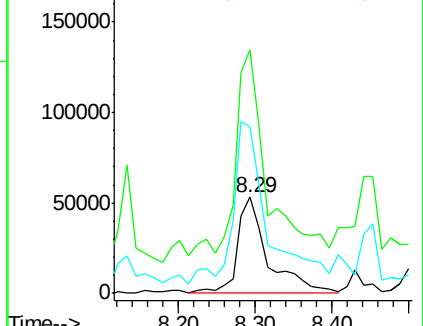
56 174.0 153.0 193.0



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: 66.52 ng

RT: 8.43 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

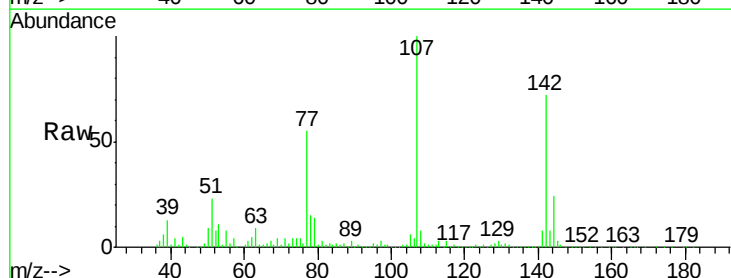
Tgt Ion:107 Resp: 451996

Ion Ratio Lower Upper

107 100

144 24.2 21.1 31.7

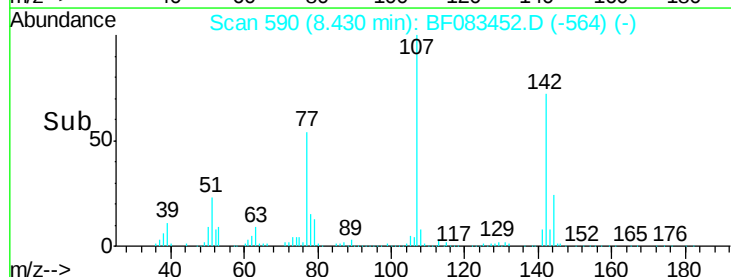
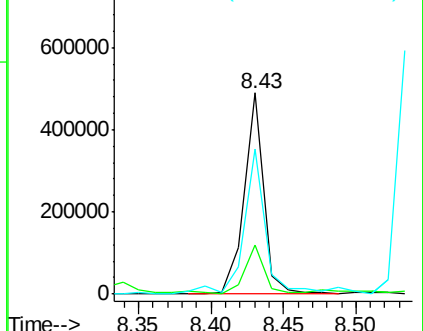
142 71.9 65.1 97.7

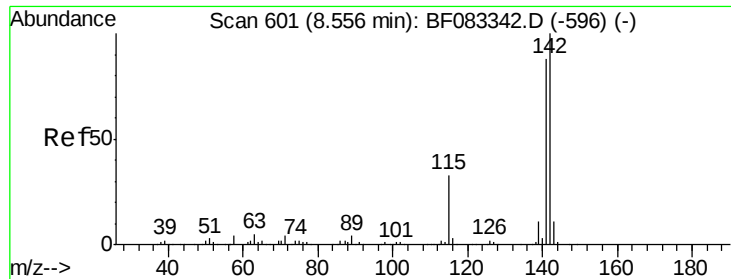


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

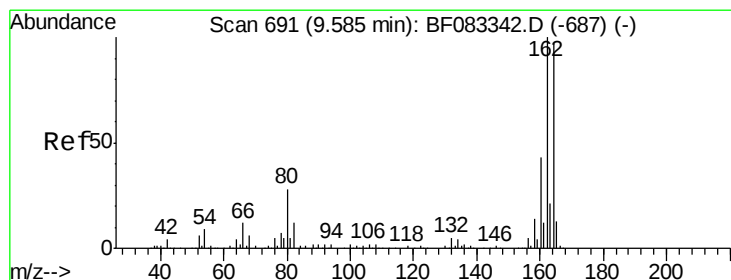
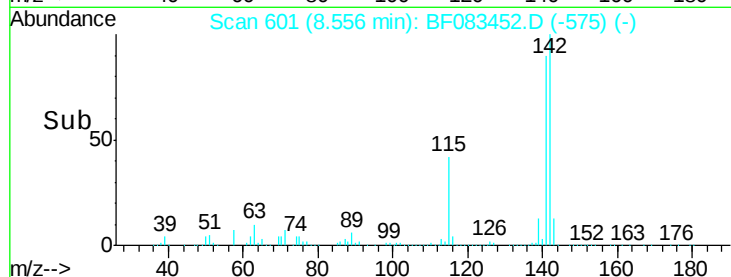
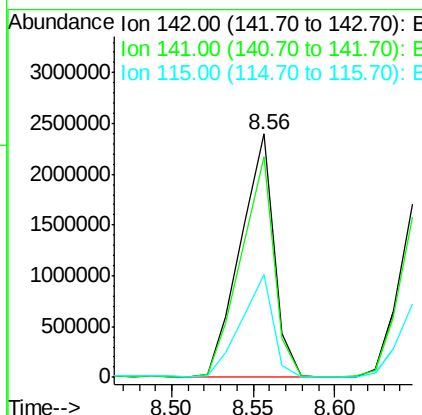
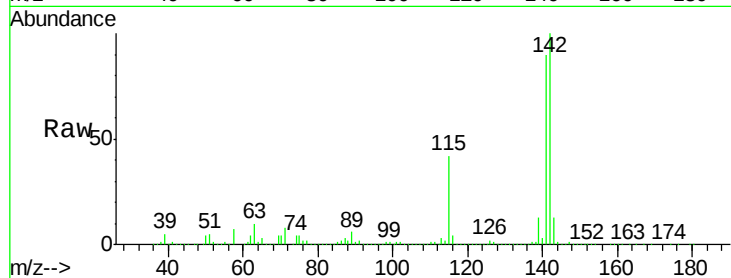




#37
2-Methylnaphthalene
Concen: 249.36 ng
RT: 8.56 min Scan# 601
Delta R.T. 0.00 min
Lab File: BF083452.D
Acq: 3 Dec 2015 9:26

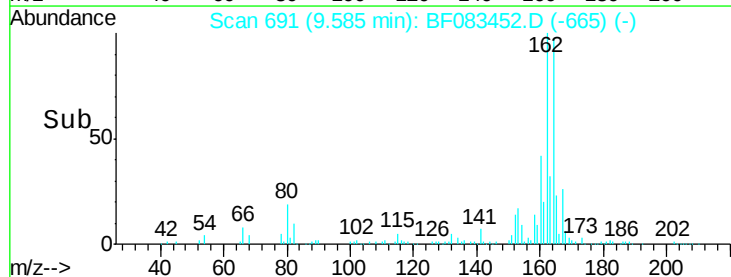
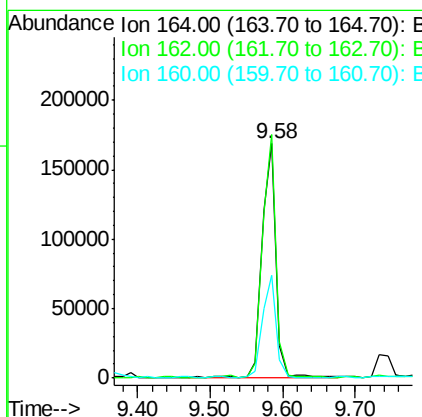
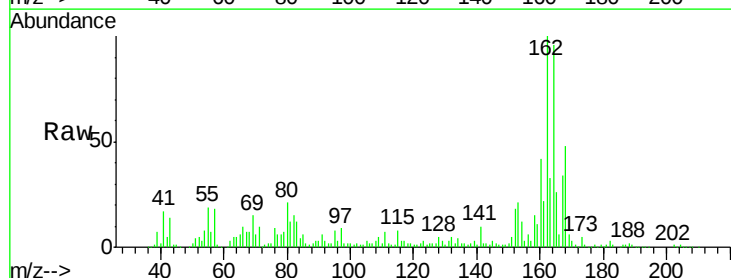
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(0-8)MS

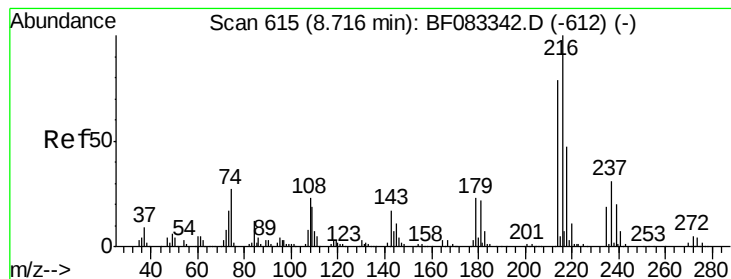
Tot Ion:142 Resp: 3426462
Ion Ratio Lower Upper
142 100
141 90.4 70.6 105.8
115 42.3 26.2 39.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF083452.D
Acq: 3 Dec 2015 9:26

Tgt Ion:164 Resp: 227601
Ion Ratio Lower Upper
164 100
162 103.9 82.6 123.8
160 44.1 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 54.49 ng

RT: 8.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MS

Tot Ion:216 Resp: 393120

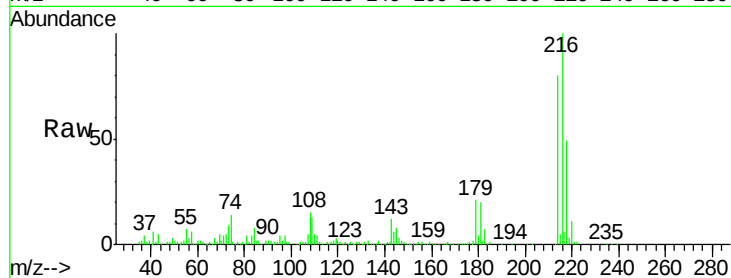
Ion Ratio Lower Upper

216 100

214 80.3 62.3 93.5

179 21.7 17.0 25.4

108 18.7 16.7 25.1

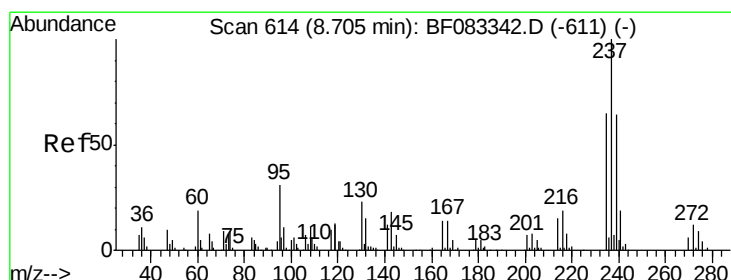
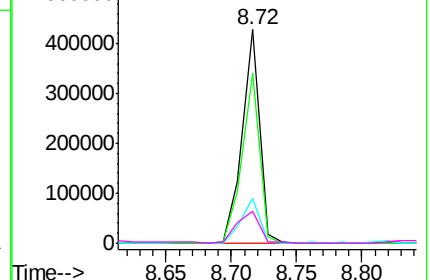
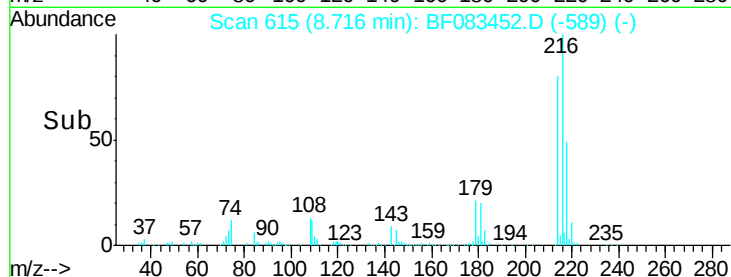


Abundance Ion 216.00 (215.70 to 216.70): E

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: 9.18 ng

RT: 8.70 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

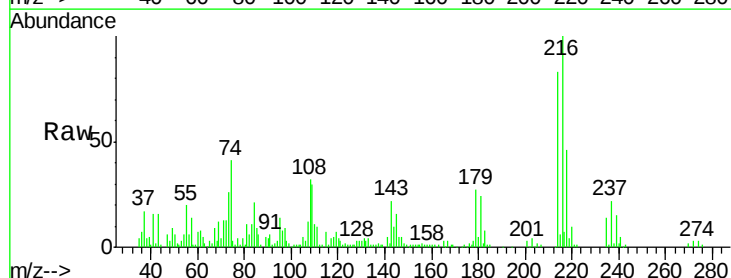
Tgt Ion:237 Resp: 31468

Ion Ratio Lower Upper

237 100

235 65.6 44.5 84.5

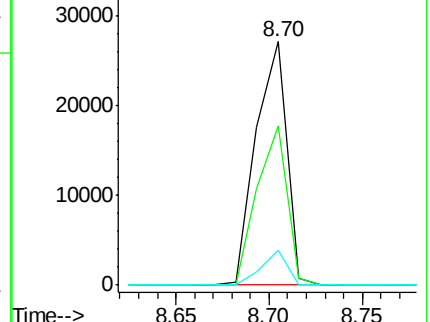
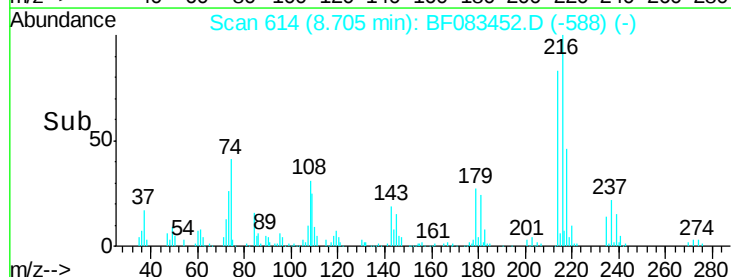
272 14.4 0.0 31.6

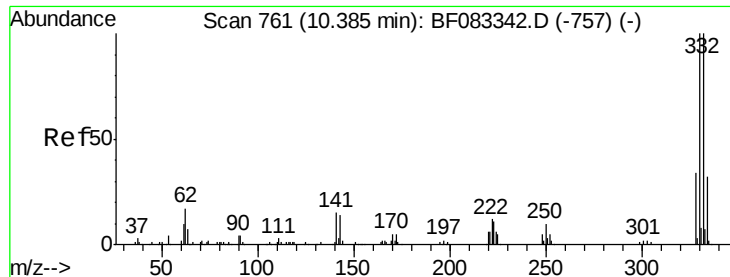


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

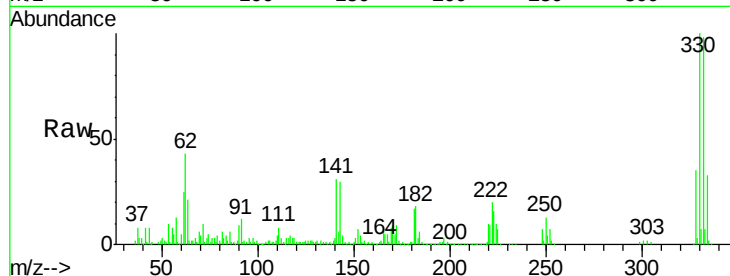




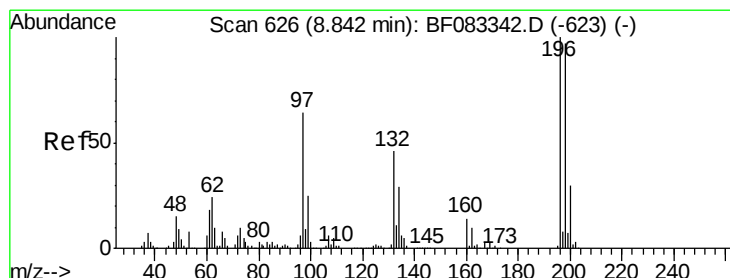
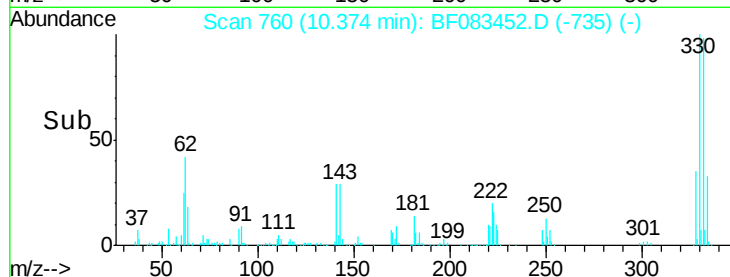
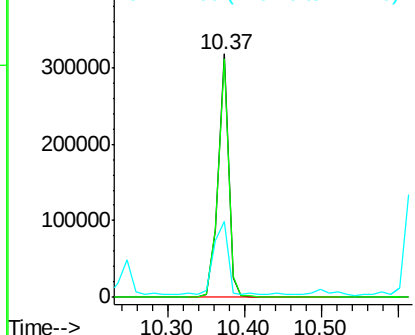
#41
 2,4,6-Tribromophenol
 Concen: 133.25 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083452.D
 Acq: 3 Dec 2015 9:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(0-8)MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.8	116.6
141	40.3	29.4	44.0

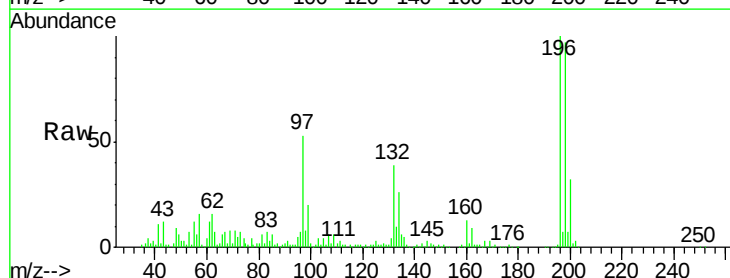


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

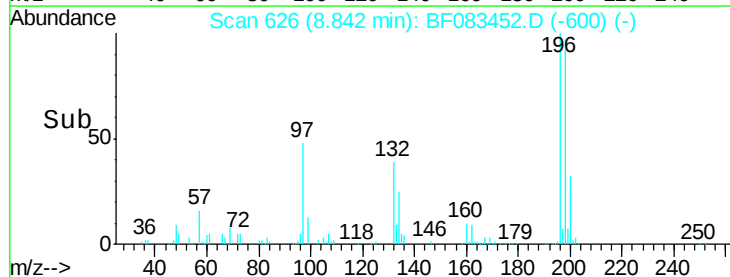
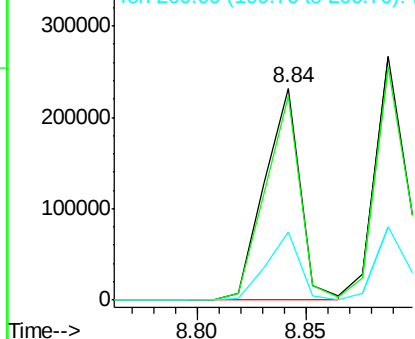


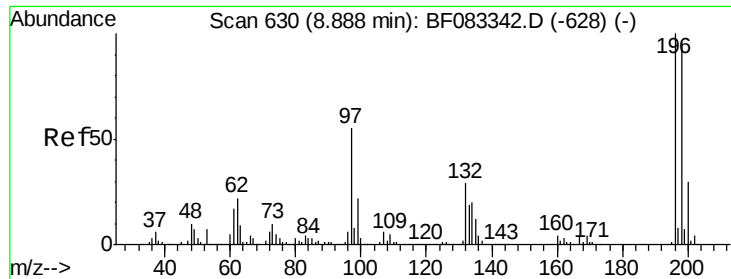
#42
 2,4,6-Trichlorophenol
 Concen: 52.48 ng
 RT: 8.84 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083452.D
 Acq: 3 Dec 2015 9:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.2	115.8
200	32.2	24.2	36.4



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

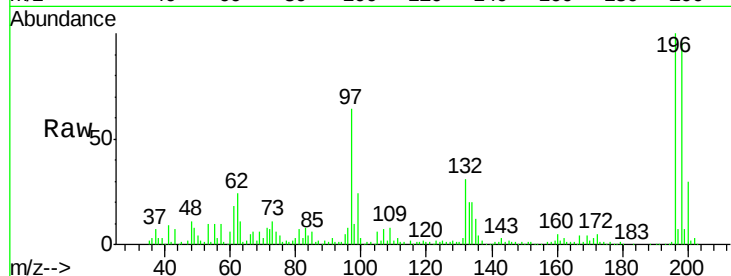




#43
 2,4,5-Trichlorophenol
 Concen: 52.24 ng
 RT: 8.89 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083452.D
 Acq: 3 Dec 2015 9:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(0-8)MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.2	115.8
97	64.1	44.4	66.6
132	31.1	23.2	34.8



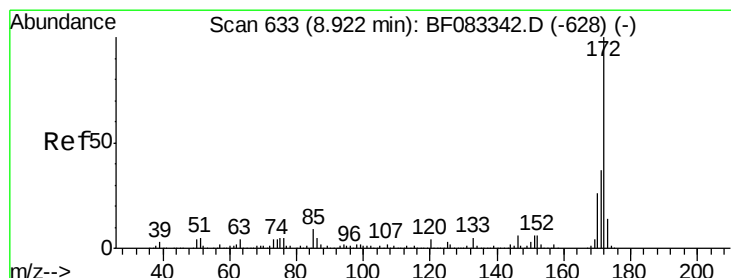
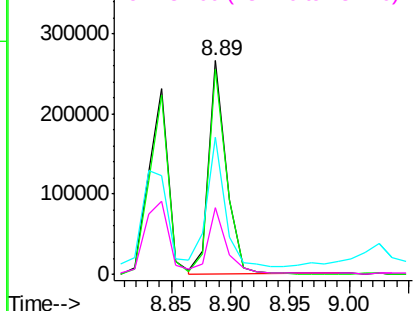
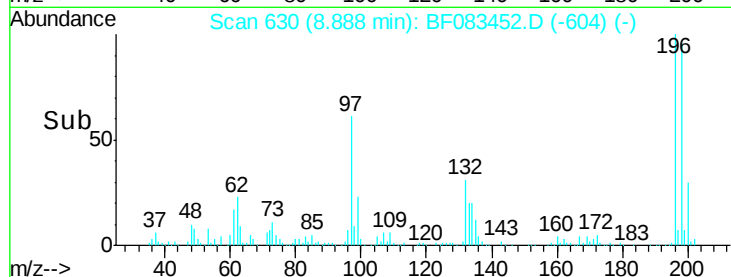
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

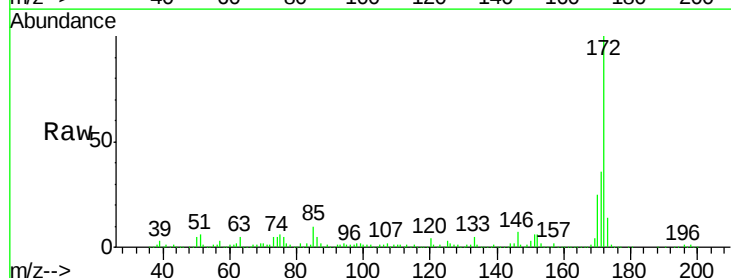
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 101.58 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF083452.D
 Acq: 3 Dec 2015 9:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.6	20.4	30.6

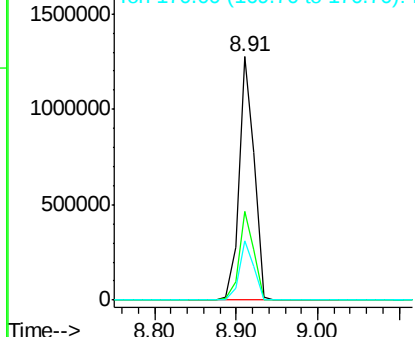
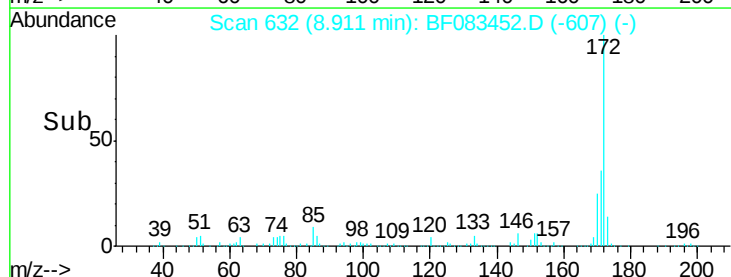


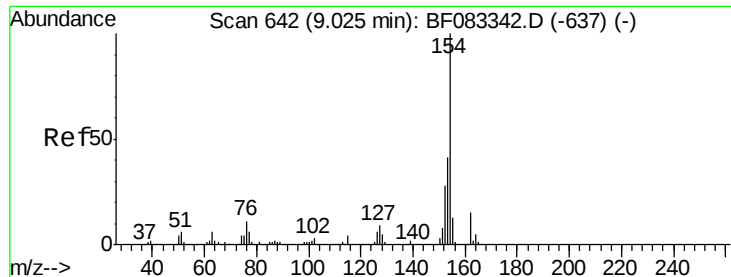
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 92.20 ng

RT: 9.01 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MS

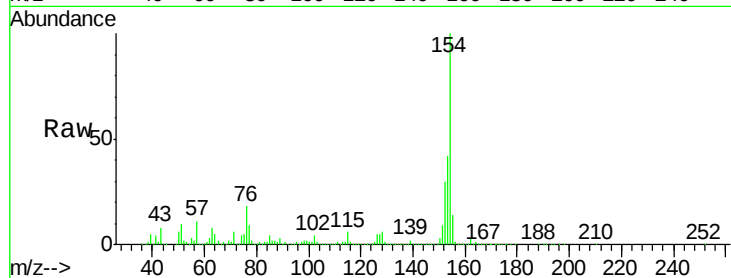
Tot Ion:154 Resp: 1840263

Ion Ratio Lower Upper

154 100

153 41.9 20.6 60.6

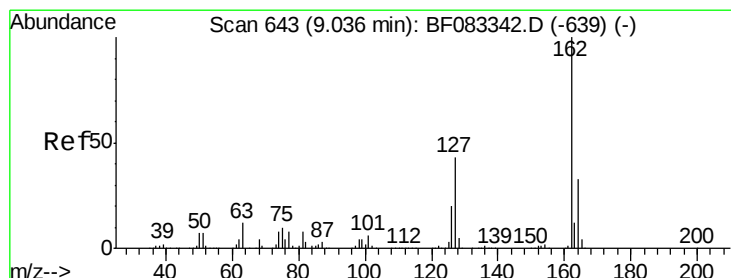
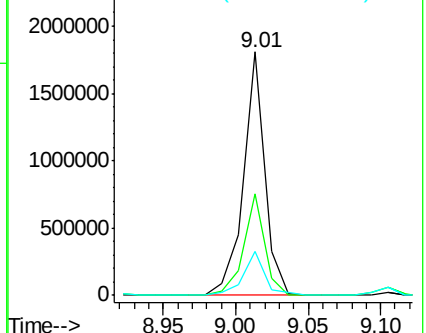
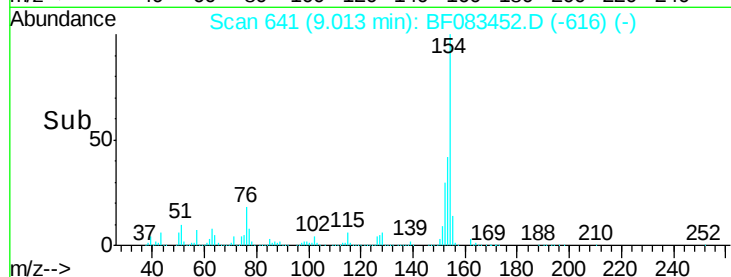
76 17.9 0.0 30.5



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: 53.06 ng

RT: 9.04 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

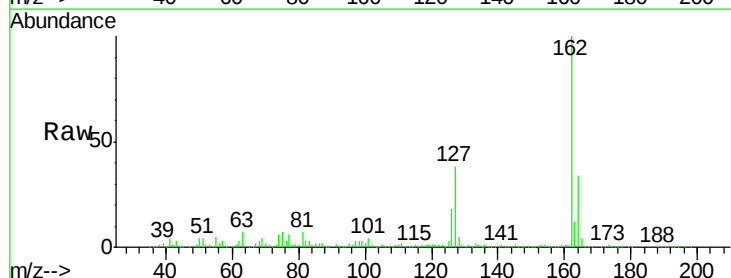
Tgt Ion:162 Resp: 807007

Ion Ratio Lower Upper

162 100

127 37.8 34.1 51.1

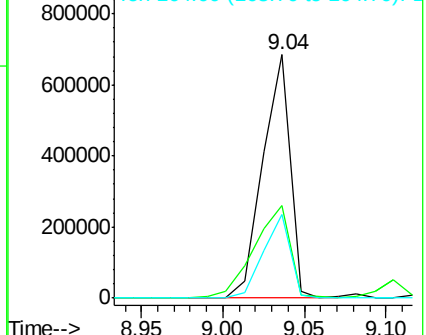
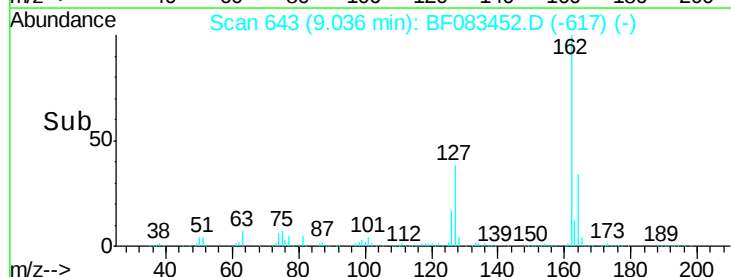
164 34.4 26.6 39.8

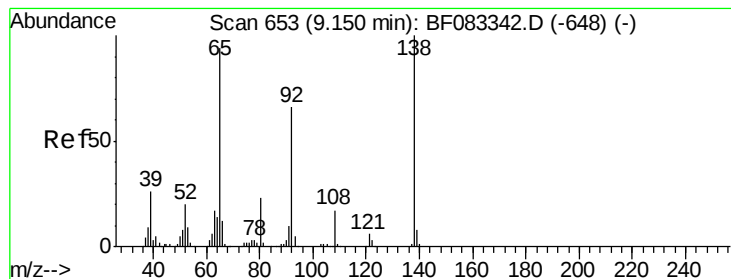


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 52.87 ng

RT: 9.14 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MS

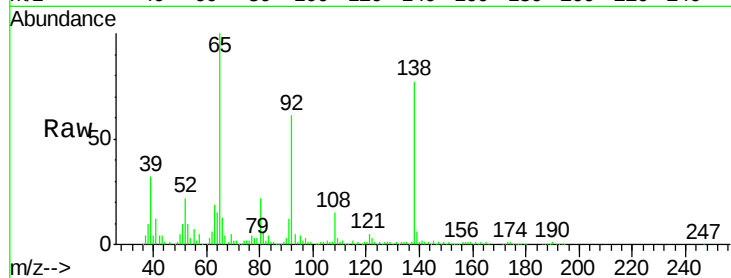
Tot Ion: 65 Resp: 318483

Ion Ratio Lower Upper

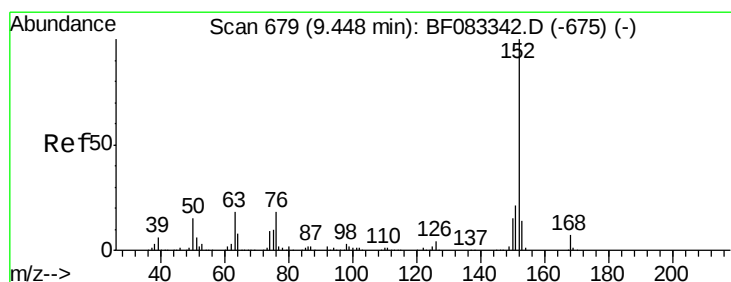
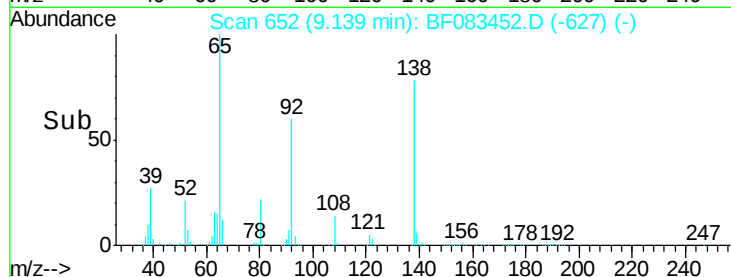
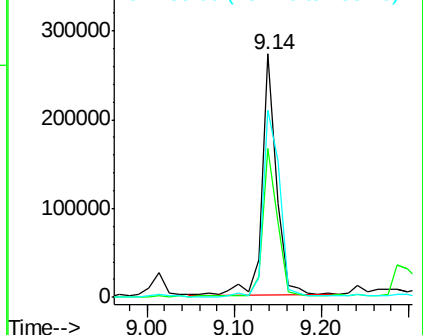
65 100

92 61.0 56.2 84.4

138 77.1 85.4 128.0#



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): BF0



#48

Acenaphthylene

Concen: 106.56 ng

RT: 9.45 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

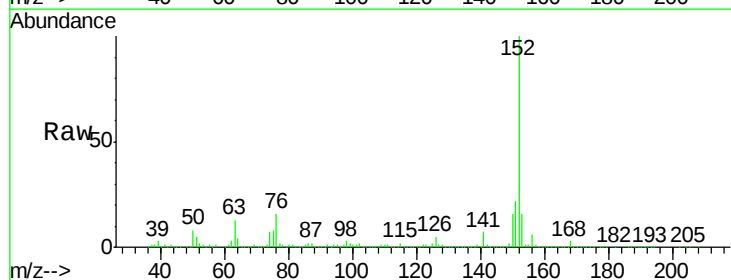
Tgt Ion:152 Resp: 2585180

Ion Ratio Lower Upper

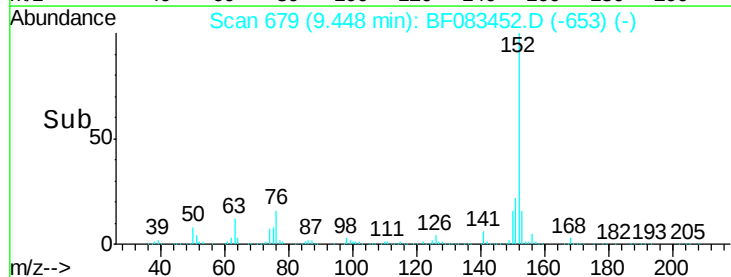
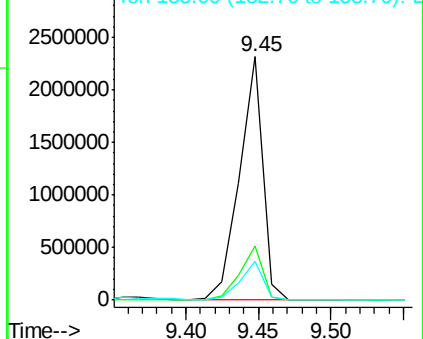
152 100

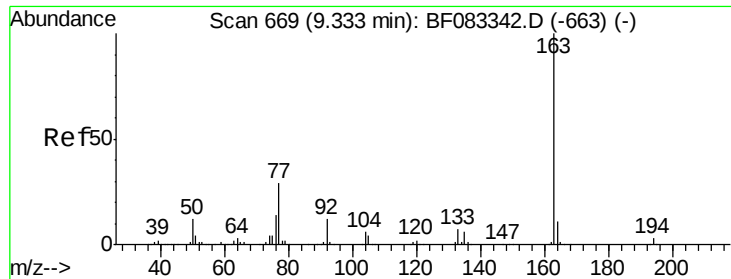
151 22.4 16.7 25.1

153 15.7 11.2 16.8



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

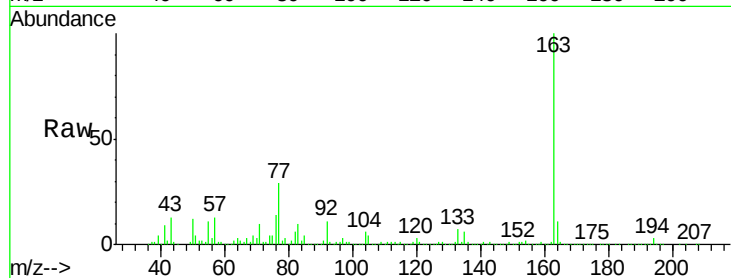




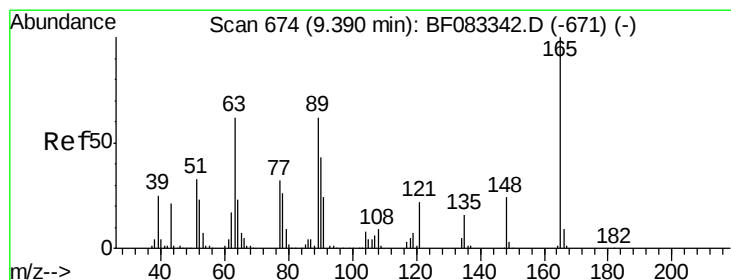
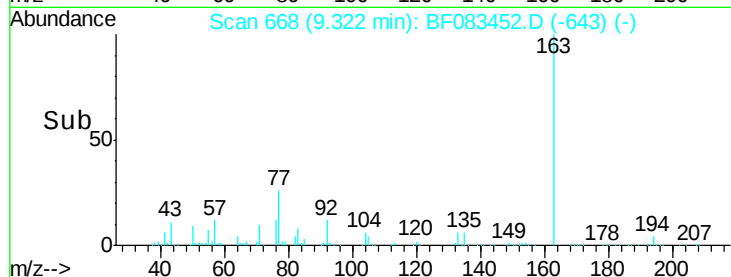
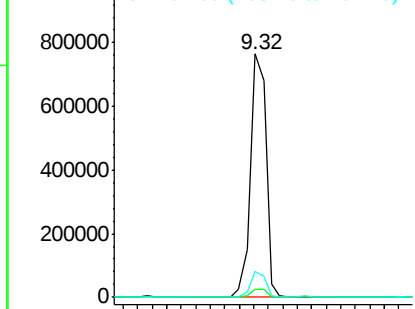
#49
Dimethylphthalate
Concen: 61.88 ng
RT: 9.32 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF083452.D
Acq: 3 Dec 2015 9:26

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(0-8)MS

Tot Ion:163 Resp: 1144636
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.7 8.8 13.2

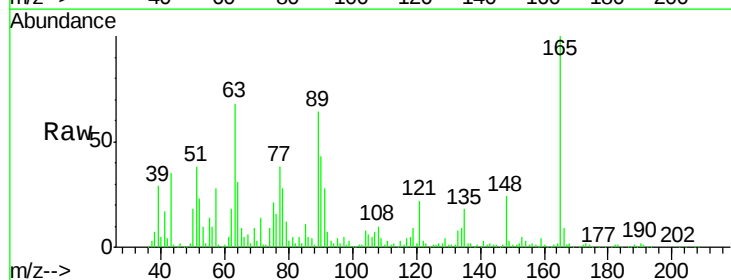


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

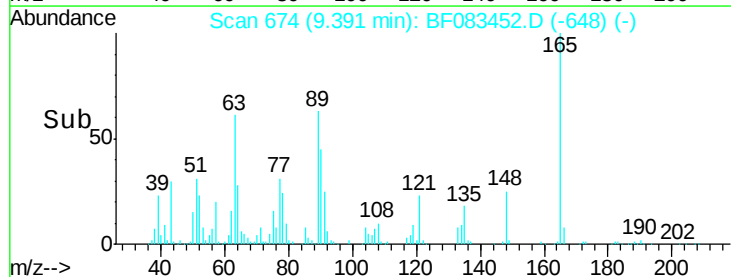
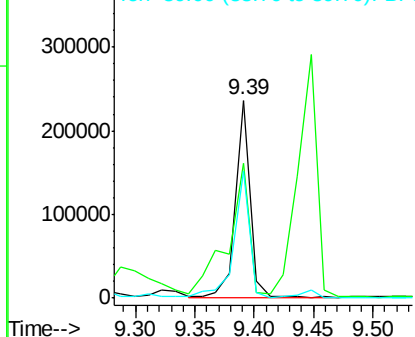


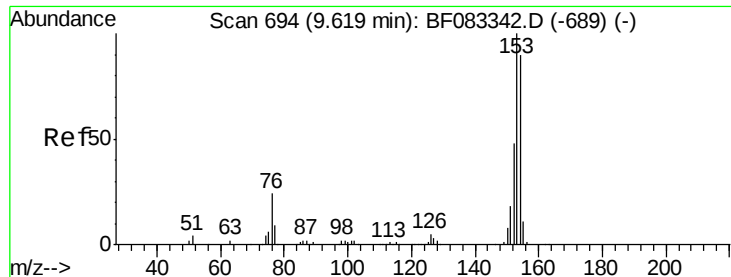
#50
2,6-Dinitrotoluene
Concen: 50.84 ng
RT: 9.39 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF083452.D
Acq: 3 Dec 2015 9:26

Tgt Ion:165 Resp: 200803
Ion Ratio Lower Upper
165 100
63 67.8 56.0 84.0
89 64.4 49.8 74.8



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

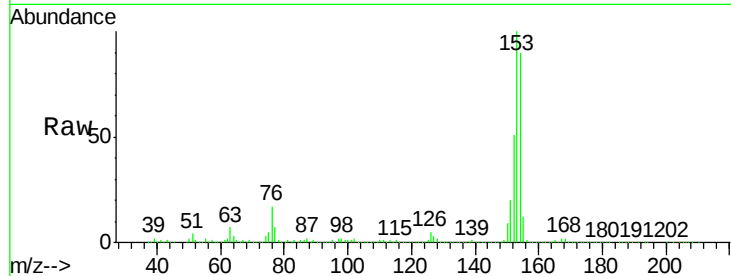




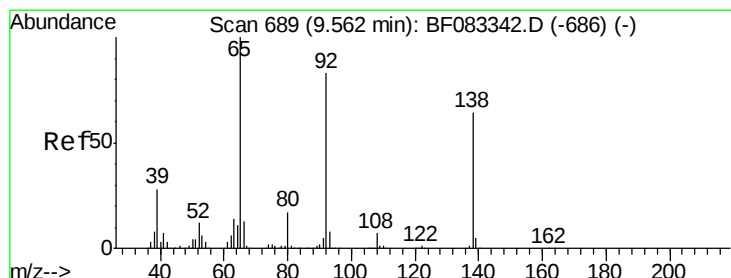
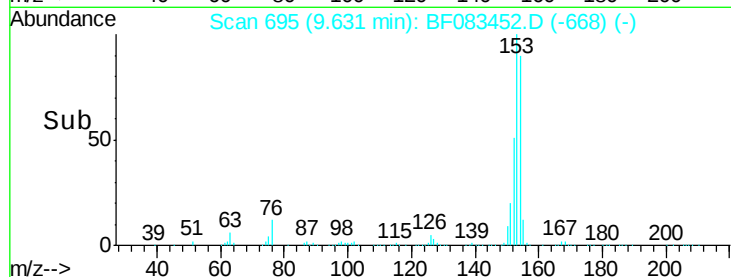
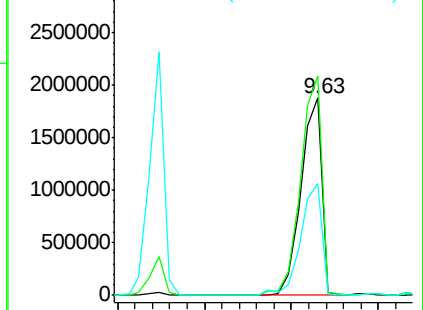
#51
Acenaphthene
Concen: 218.52 ng
RT: 9.63 min Scan# 695
Delta R.T. 0.01 min
Lab File: BF083452.D
Acq: 3 Dec 2015 9:26

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(0-8)MS

Tot Ion:154 Resp: 3118363
Ion Ratio Lower Upper
154 100
153 111.3 89.3 133.9
152 56.5 42.5 63.7

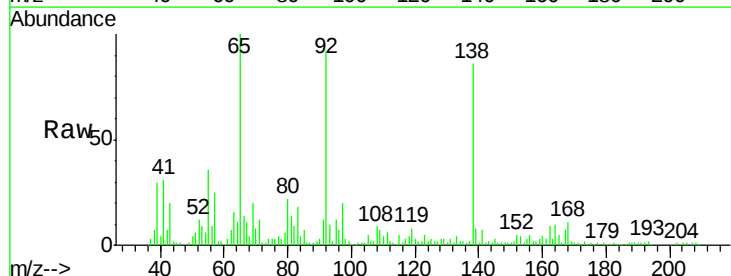


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

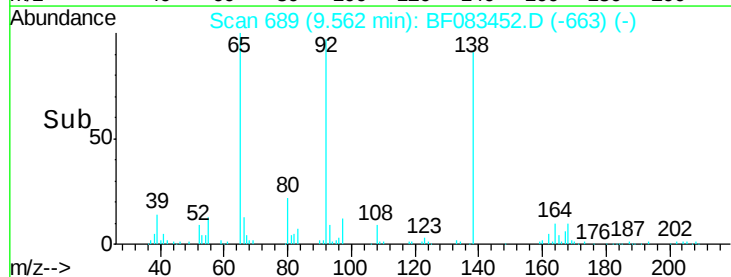
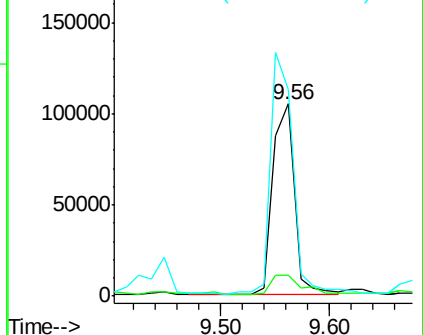


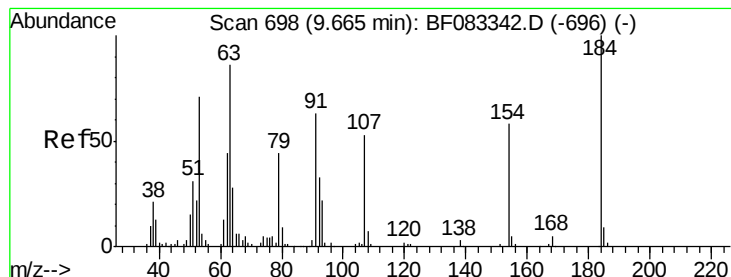
#52
3-Nitroaniline
Concen: 31.84 ng
RT: 9.56 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF083452.D
Acq: 3 Dec 2015 9:26

Tgt Ion:138 Resp: 147414
Ion Ratio Lower Upper
138 100
108 10.8 8.4 12.6
92 107.4 104.2 156.4



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: 19.56 ng

RT: 9.68 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MS

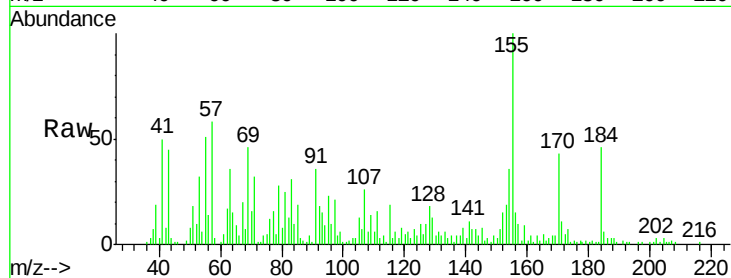
Tot Ion:184 Resp: 37650

Ion Ratio Lower Upper

184 100

63 79.1 69.0 103.6

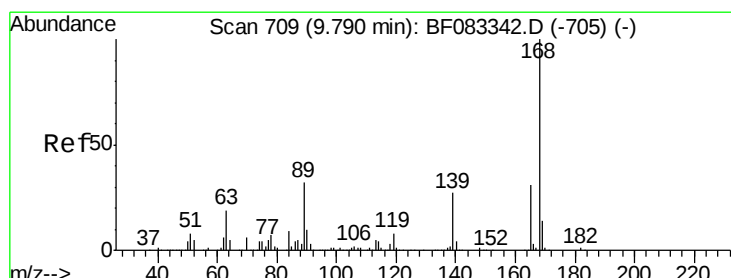
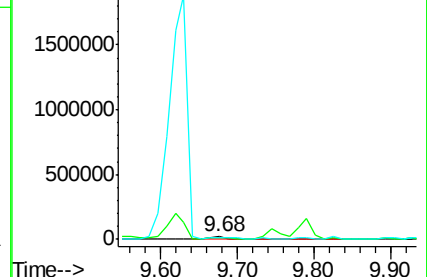
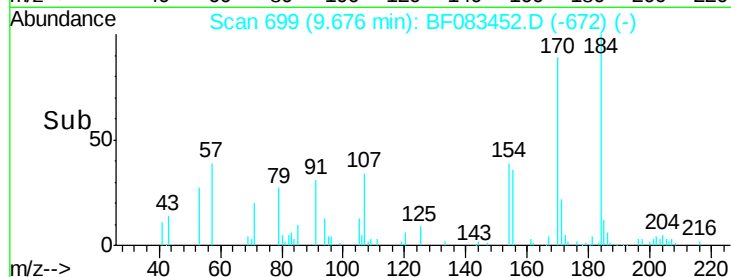
154 78.9 50.0 75.0#



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: 64.97 ng

RT: 9.79 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

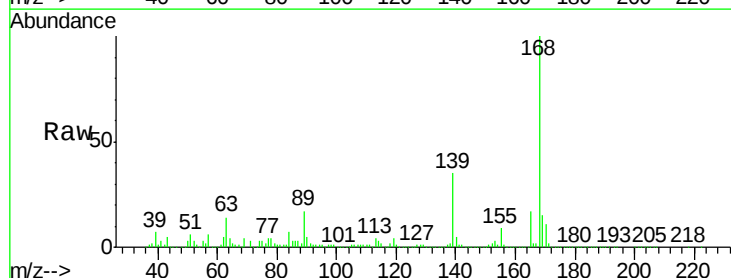
Tgt Ion:168 Resp: 1358618

Ion Ratio Lower Upper

168 100

139 35.1 32.7 49.1

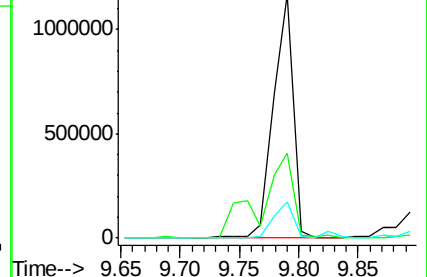
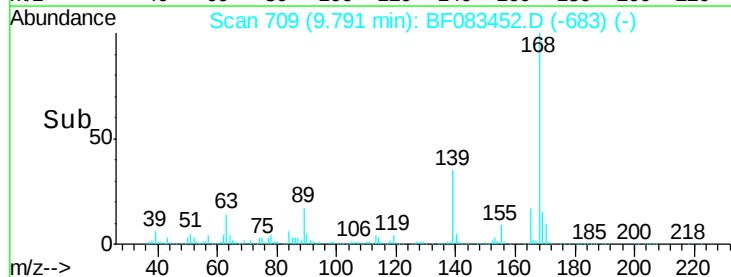
169 15.1 11.1 16.7

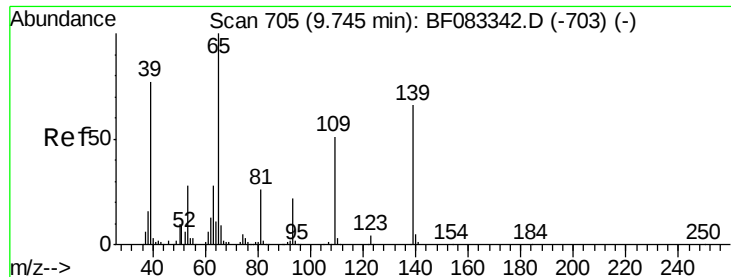


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 270.33 ng

RT: 9.79 min Scan# 709

Delta R.T. 0.05 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MS

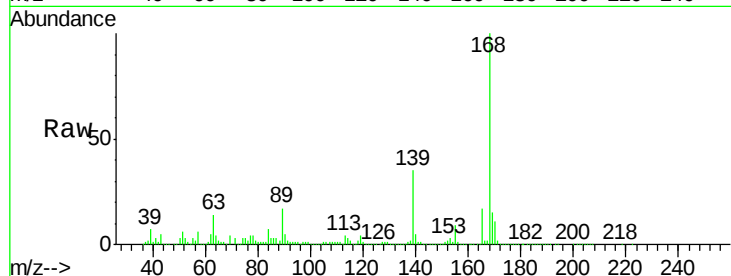
Tot Ion:139 Resp: 782839

Ion Ratio Lower Upper

139 100

109 3.6 57.4 97.4#

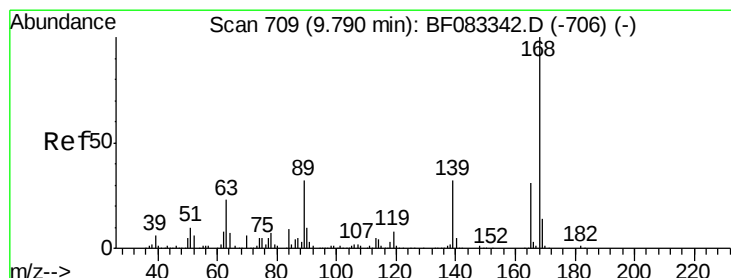
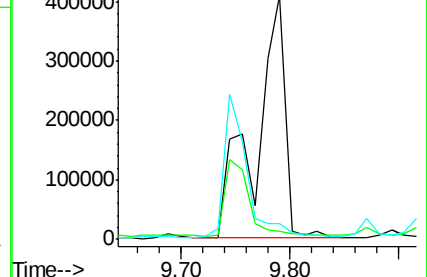
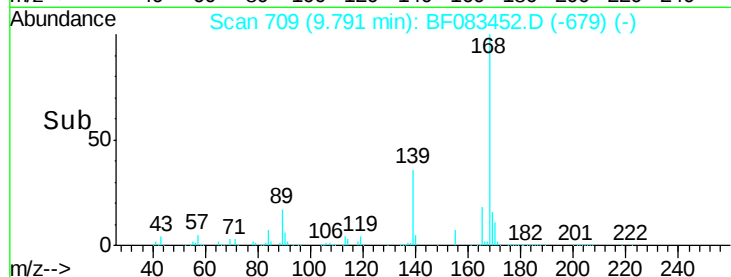
65 6.5 131.6 171.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 51.39 ng

RT: 9.79 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Tgt Ion:165 Resp: 257565

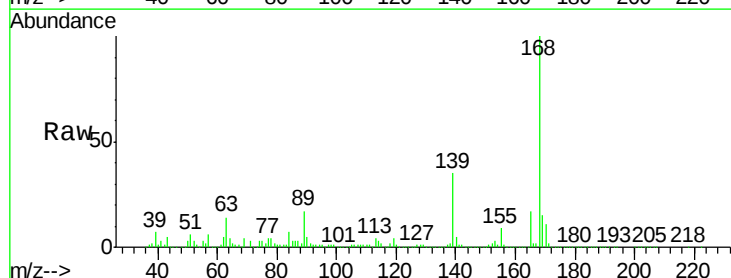
Ion Ratio Lower Upper

165 100

63 80.8 65.4 98.0

89 97.8 81.2 121.8

182 2.7 1.8 2.8

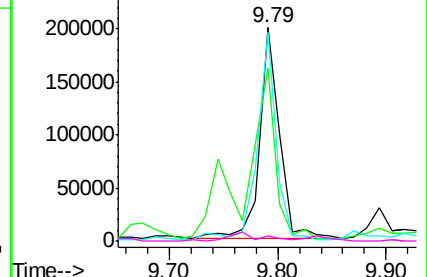
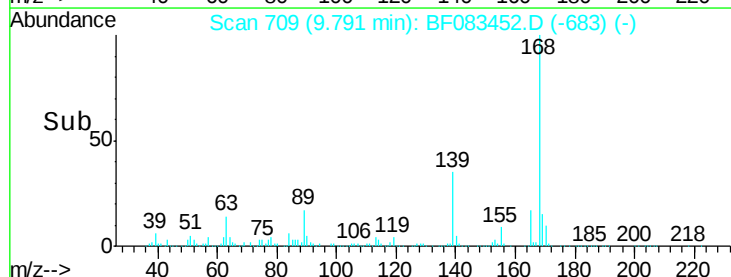


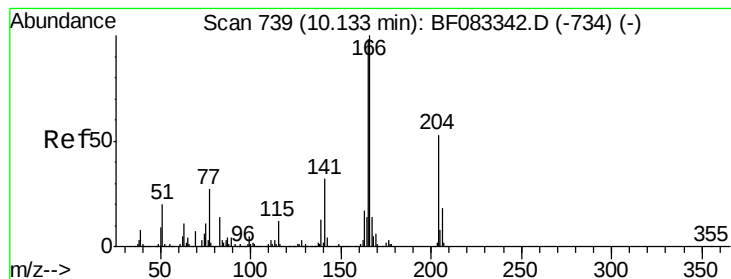
Abundance Ion 165.00 (164.70 to 165.70): E

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: 139.13 ng

RT: 10.13 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MS

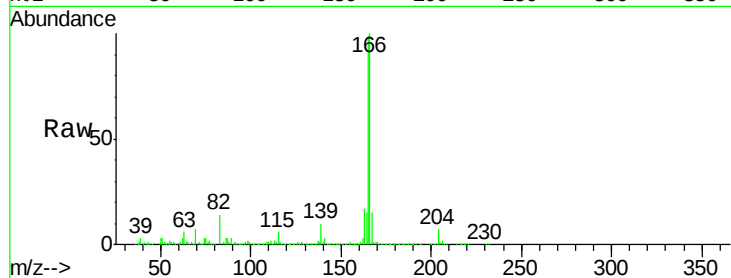
Tot Ion:166 Resp: 2297399

Ion Ratio Lower Upper

166 100

165 98.5 78.3 117.5

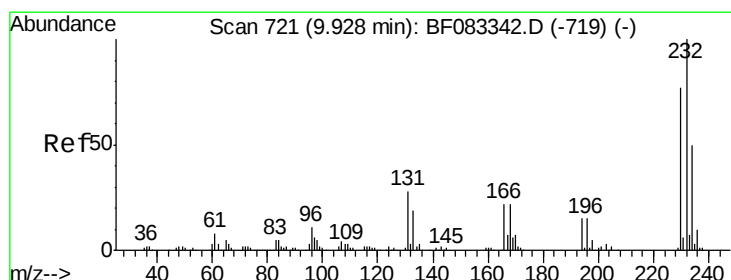
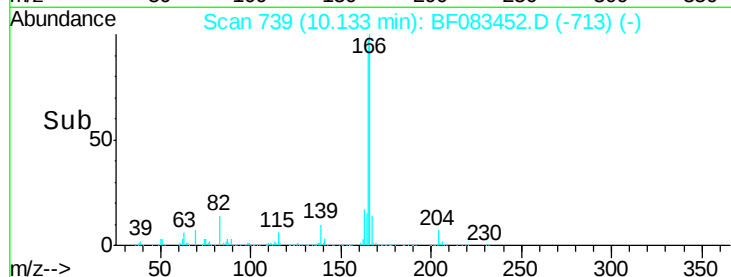
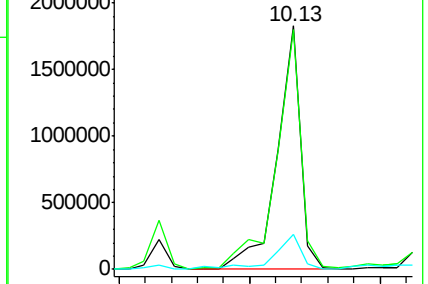
167 14.6 11.1 16.7



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: 48.62 ng

RT: 9.92 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Tgt Ion:232 Resp: 205690

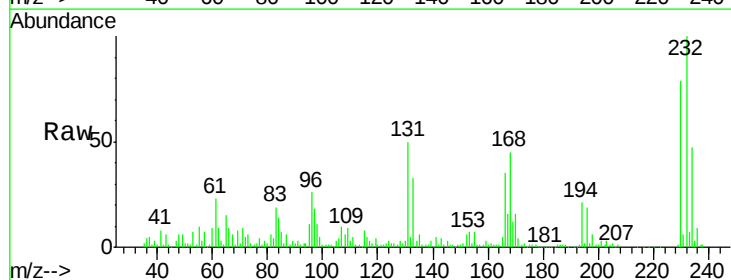
Ion Ratio Lower Upper

232 100

131 48.6 35.4 53.2

130 3.0 1.7 2.5#

166 0.0 23.3 34.9#

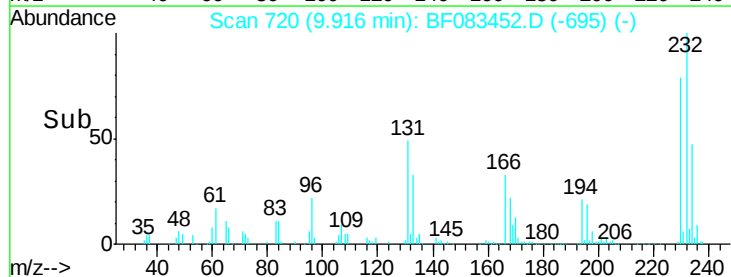
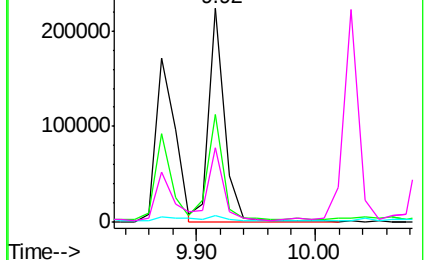


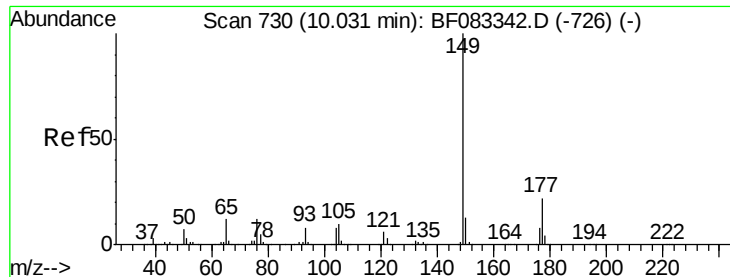
Abundance Ion 232.00 (231.70 to 232.70): E

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

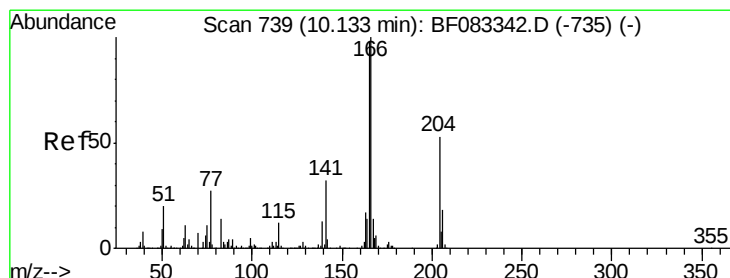
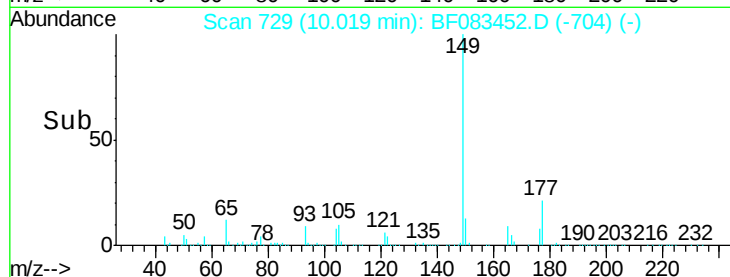
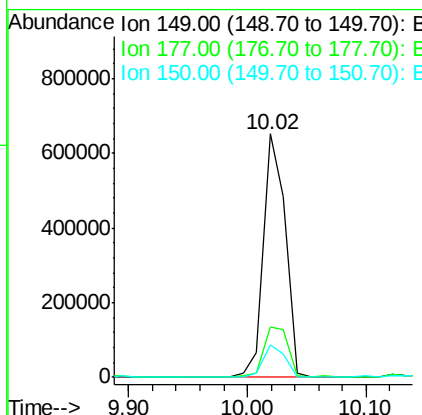
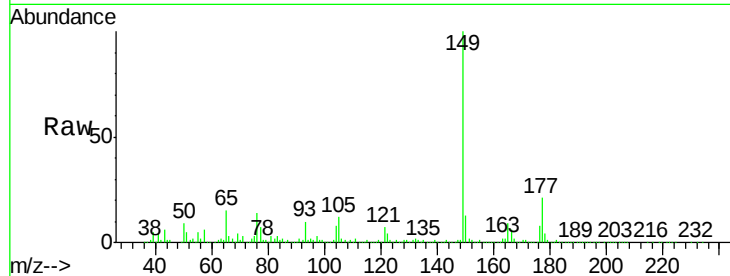




#59
Diethylphthalate
Concen: 47.36 ng
RT: 10.02 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF083452.D
Acq: 3 Dec 2015 9:26

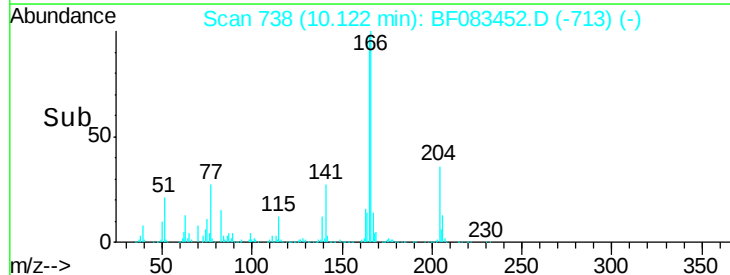
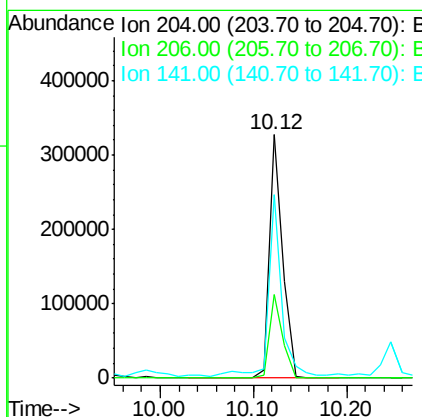
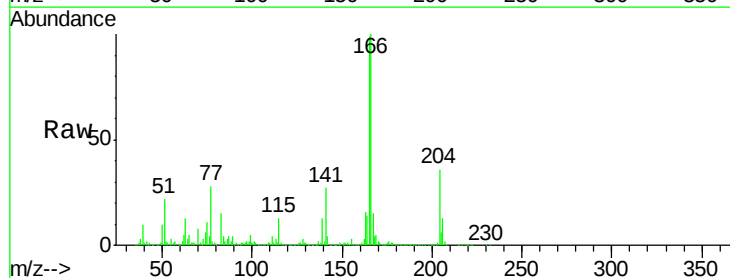
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(0-8)MS

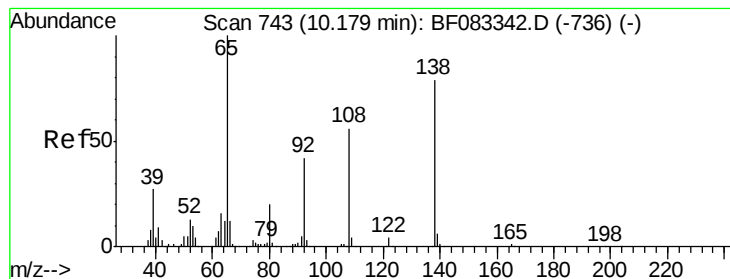
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.4	26.2
150	13.4	10.4	15.6



#60
4-Chlorophenyl-phenylether
Concen: 42.67 ng
RT: 10.12 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF083452.D
Acq: 3 Dec 2015 9:26

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.4	27.5	41.3
141	75.4	48.1	72.1#





#61

4-Nitroaniline

Concen: 45.79 ng

RT: 10.17 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MS

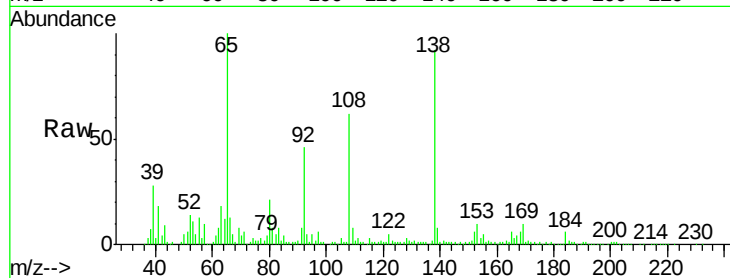
Tot Ion:138 Resp: 212096

Ion Ratio Lower Upper

138 100

92 50.3 33.6 73.6

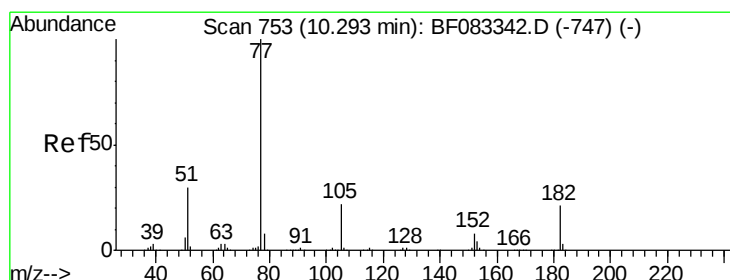
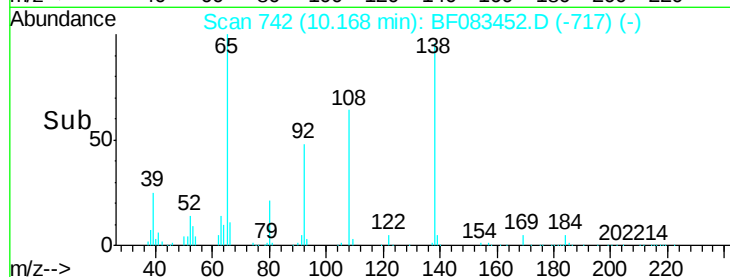
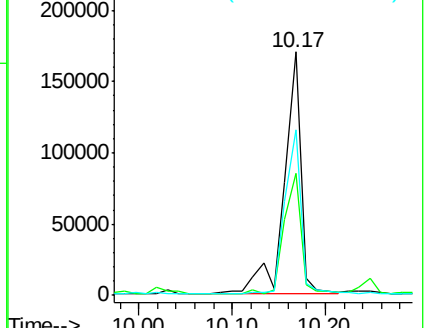
108 67.8 51.0 91.0



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: 50.50 ng

RT: 10.28 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Tgt Ion: 77 Resp: 1075458

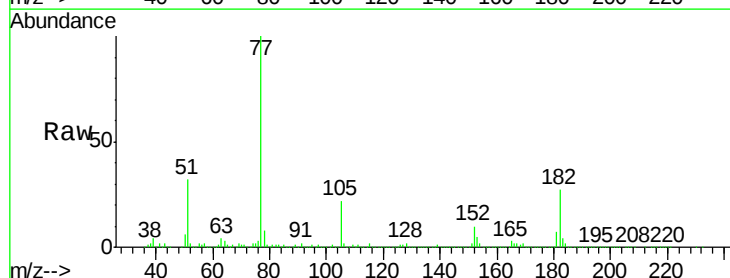
Ion Ratio Lower Upper

77 100

182 26.7 0.8 40.8

105 21.8 2.3 42.3

51 31.6 10.6 50.6

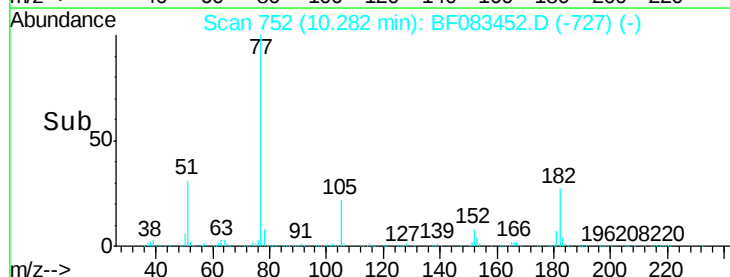
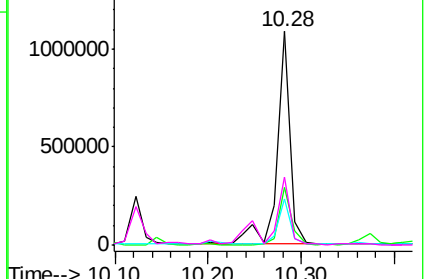


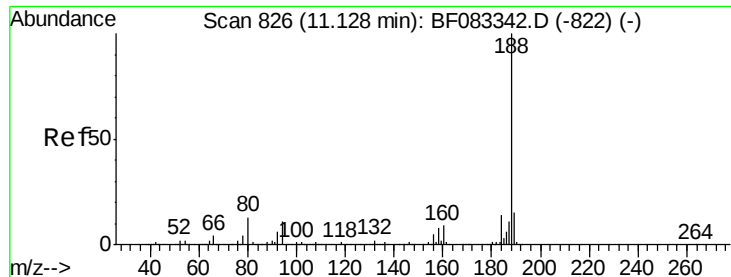
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

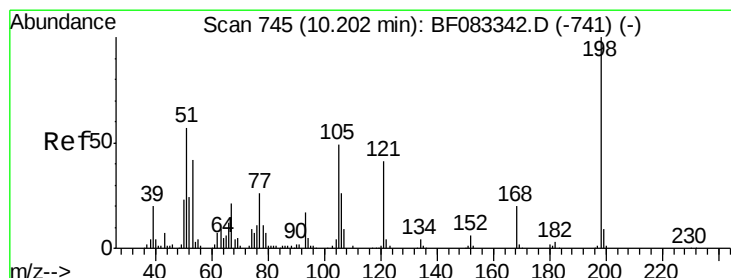
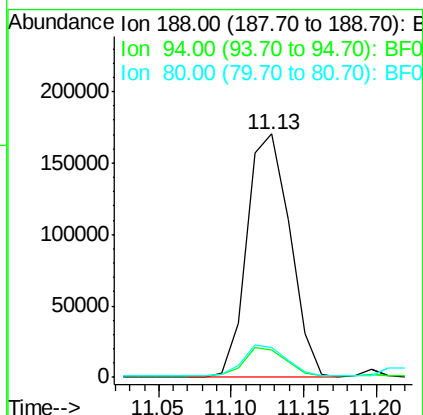
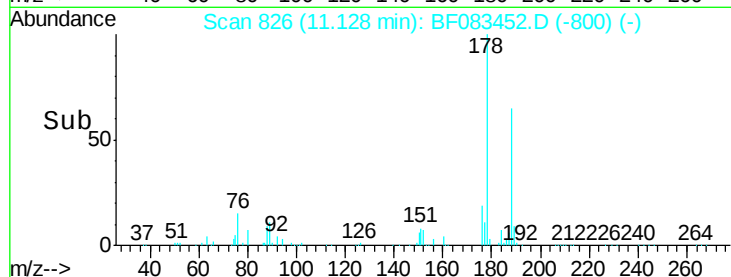
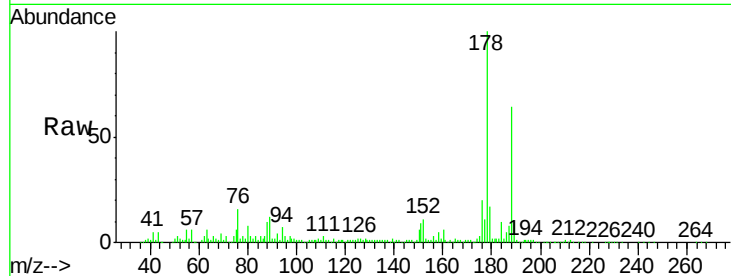




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF083452.D
Acq: 3 Dec 2015 9:26

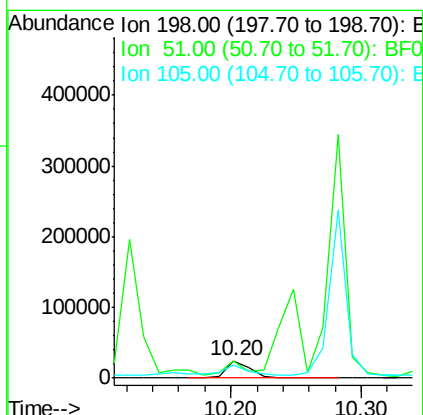
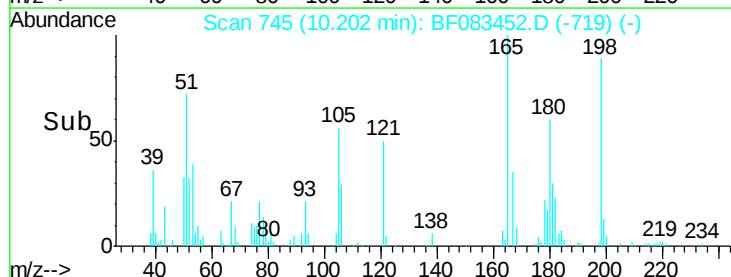
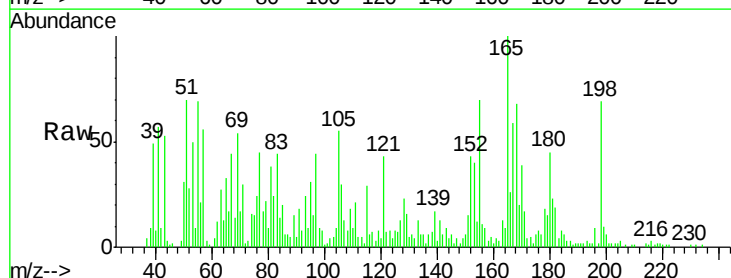
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(0-8)MS

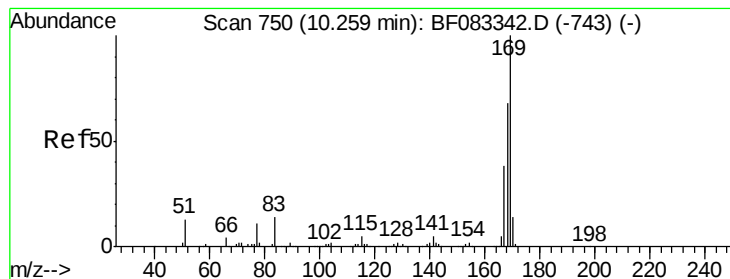
Tot Ion:188 Resp: 351381
Ion Ratio Lower Upper
188 100
94 11.0 8.7 13.1
80 12.5 10.3 15.5



#64
4,6-Dinitro-2-methylphenol
Concen: 14.59 ng
RT: 10.20 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF083452.D
Acq: 3 Dec 2015 9:26

Tgt Ion:198 Resp: 34411
Ion Ratio Lower Upper
198 100
51 101.3 38.3 78.3#
105 79.9 29.2 69.2#





#65

n-Nitrosodiphenylamine

Concen: 65.92 ng

RT: 10.25 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MS

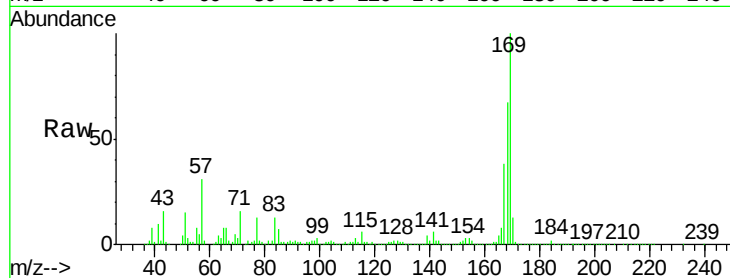
Tot Ion:169 Resp: 813947

Ion Ratio Lower Upper

169 100

168 67.2 54.8 82.2

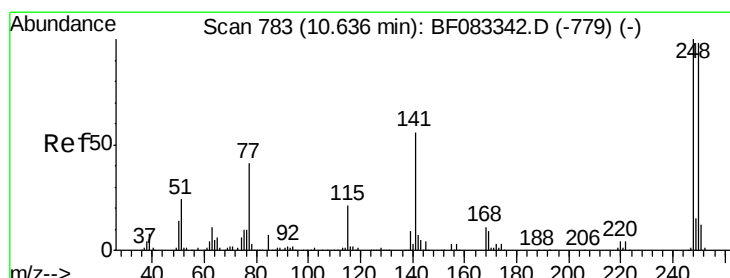
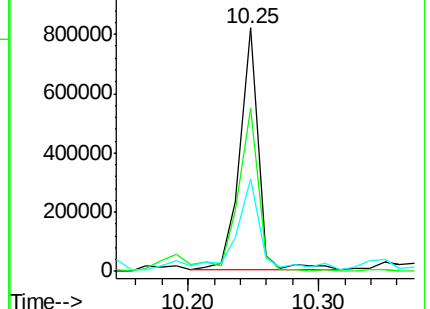
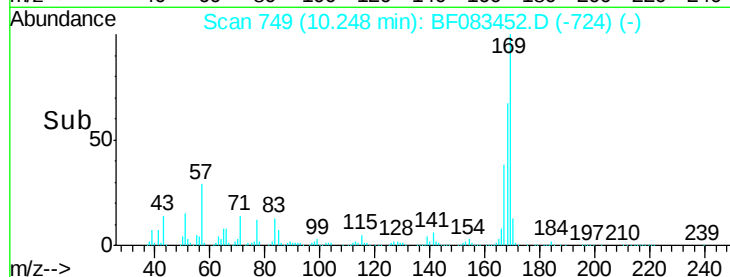
167 38.3 30.2 45.2



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: 59.94 ng

RT: 10.62 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

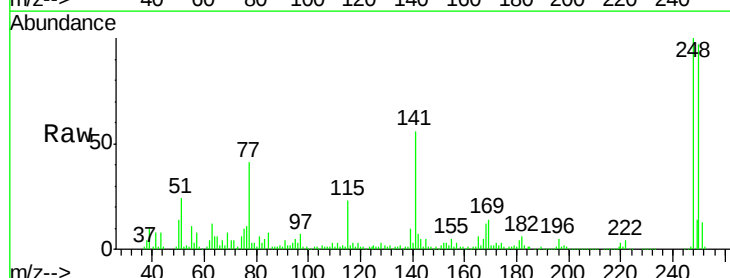
Tgt Ion:248 Resp: 230376

Ion Ratio Lower Upper

248 100

250 97.1 78.6 118.0

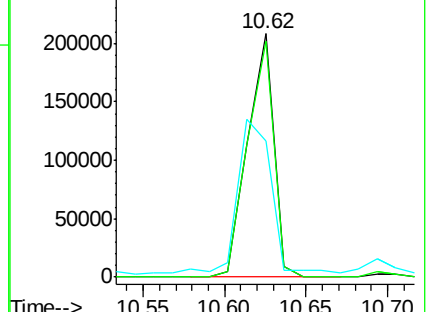
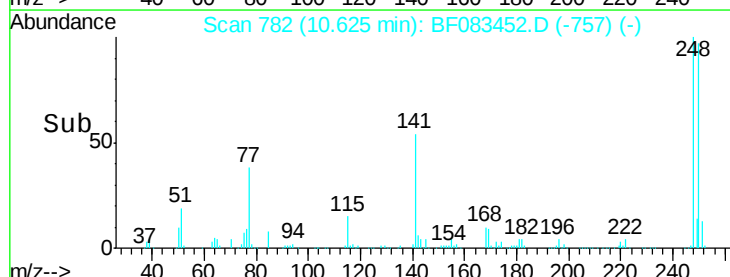
141 56.1 44.4 66.6

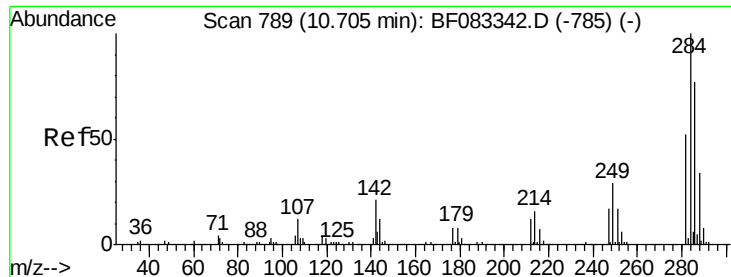


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

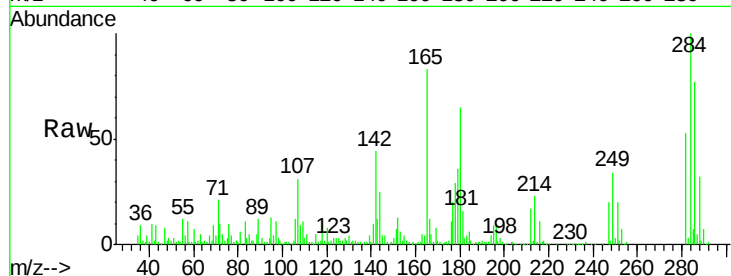




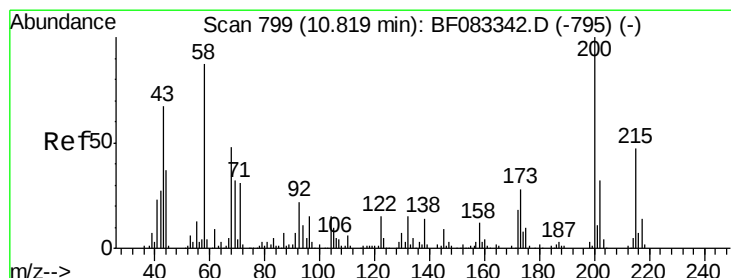
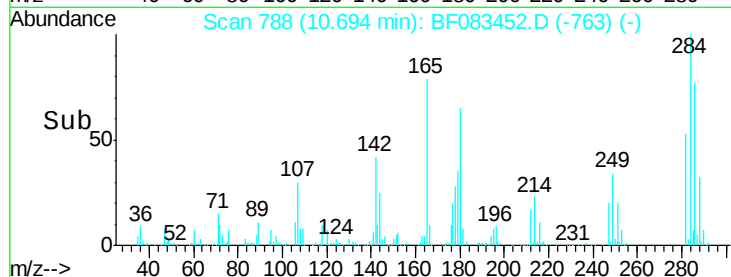
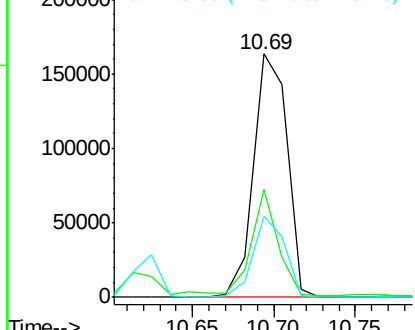
#67
Hexachlorobenzene
Concen: 55.07 ng
RT: 10.69 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF083452.D
Acq: 3 Dec 2015 9:26

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(0-8)MS

Tot Ion:284 Resp: 234066
Ion Ratio Lower Upper
284 100
142 44.1 16.6 24.8#
249 33.5 23.0 34.4

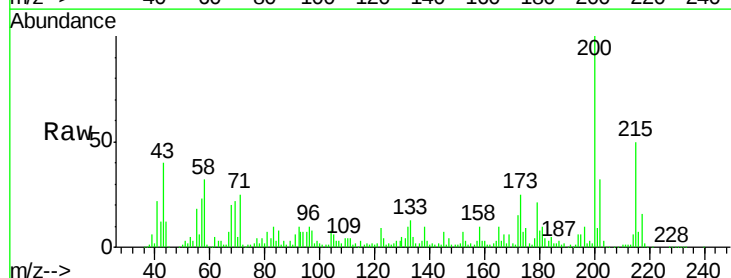


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

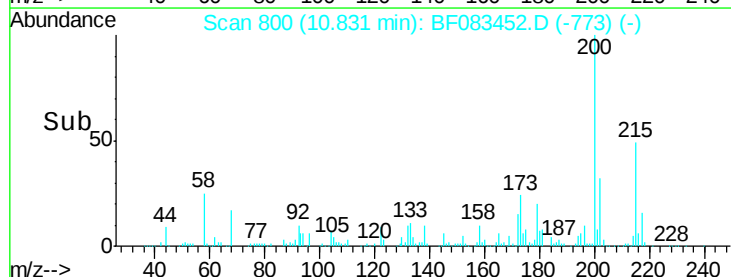
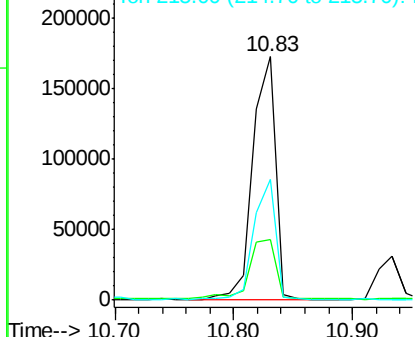


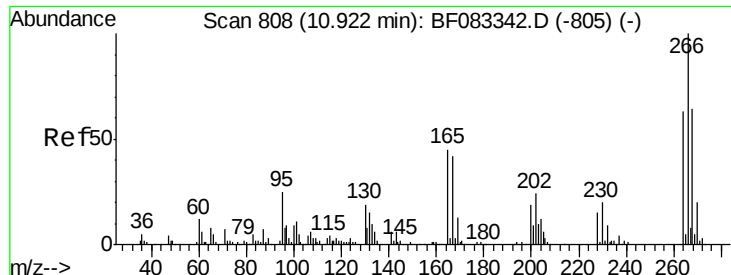
#68
Atrazine
Concen: 67.47 ng
RT: 10.83 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF083452.D
Acq: 3 Dec 2015 9:26

Tgt Ion:200 Resp: 230416
Ion Ratio Lower Upper
200 100
173 24.7 8.3 48.3
215 49.7 26.7 66.7



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

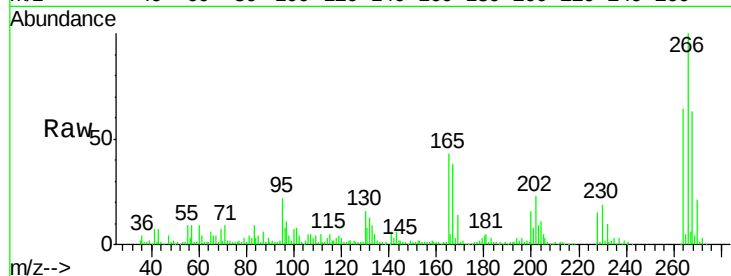




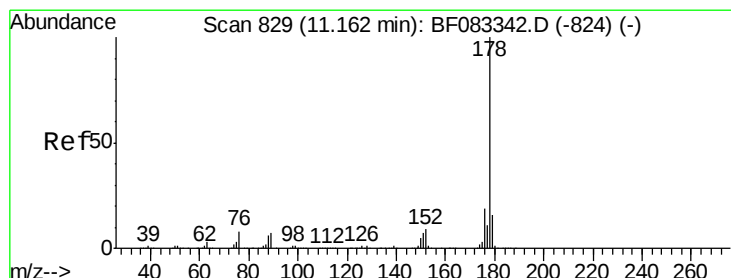
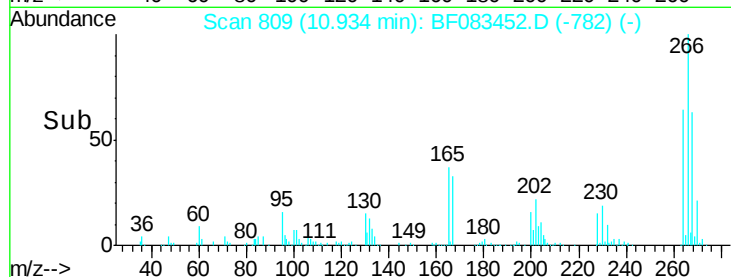
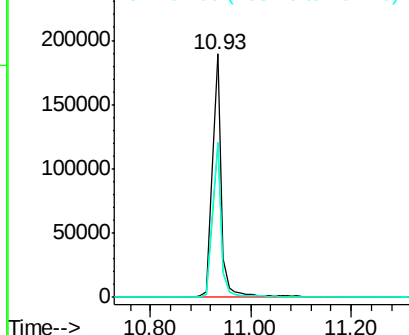
#69
 Pentachlorophenol
 Concen: 106.66 ng
 RT: 10.93 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF083452.D
 Acq: 3 Dec 2015 9:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(0-8)MS

Tot Ion:266 Resp: 237461
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.5 77.3
 264 63.5 50.4 75.6

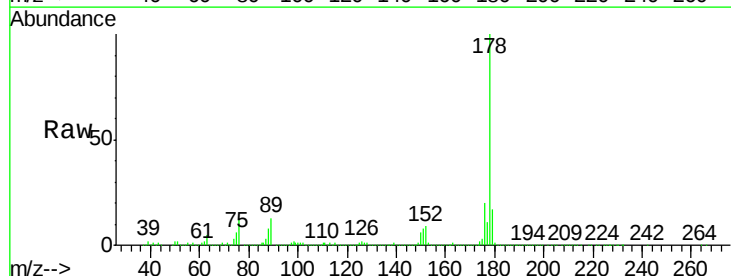


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

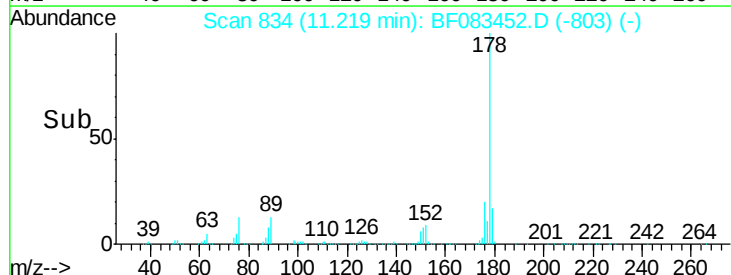
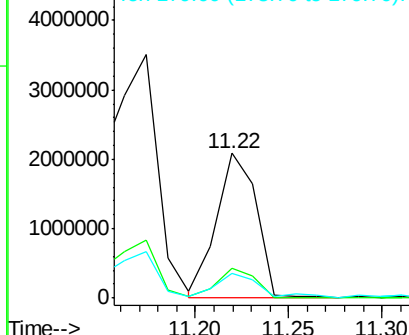


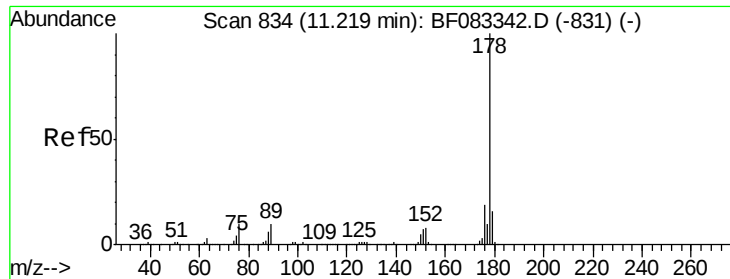
#70
 Phenanthrene
 Concen: 148.53 ng
 RT: 11.22 min Scan# 834
 Delta R.T. 0.06 min
 Lab File: BF083452.D
 Acq: 3 Dec 2015 9:26

Tgt Ion:178 Resp: 3088550
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.3 22.9
 179 17.0 12.4 18.6



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

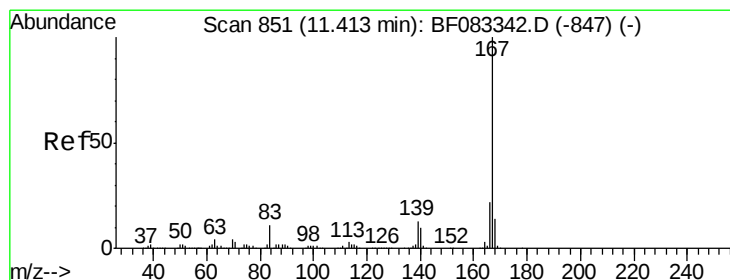
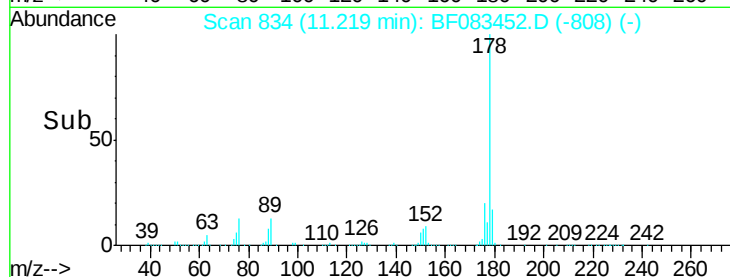
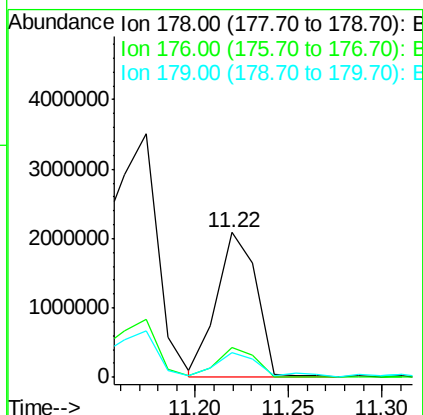
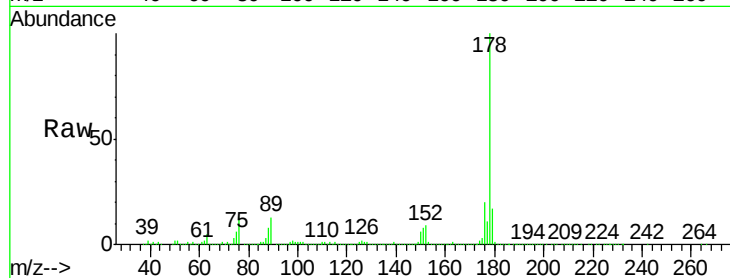




#71
 Anthracene
 Concen: 147.54 ng
 RT: 11.22 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF083452.D
 Acq: 3 Dec 2015 9:26

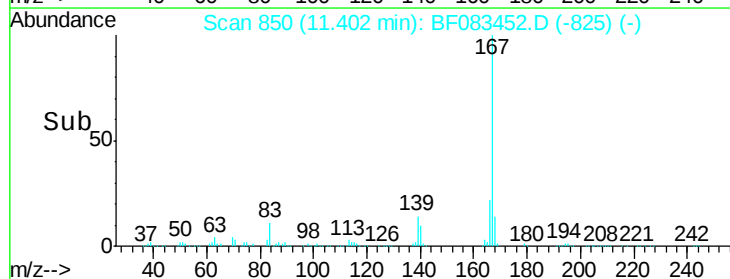
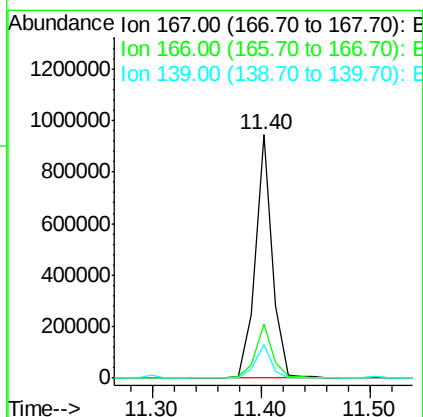
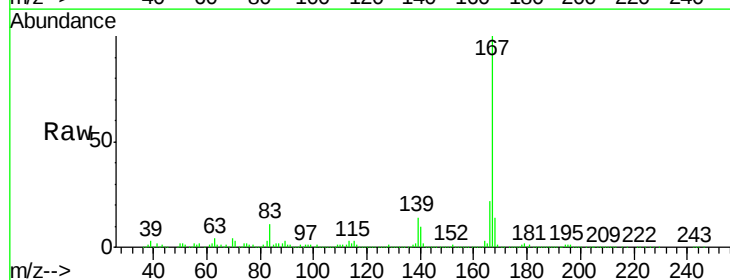
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(0-8)MS

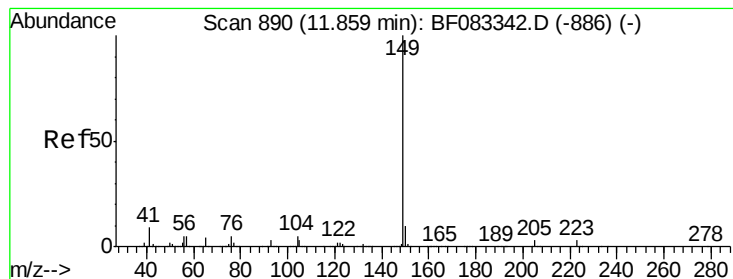
Tot Ion:178 Resp: 3088550
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.6 23.4
 179 17.0 12.8 19.2



#72
 Carbazole
 Concen: 54.38 ng
 RT: 11.40 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF083452.D
 Acq: 3 Dec 2015 9:26

Tgt Ion:167 Resp: 1022802
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 13.8 10.5 15.7





#73

Di-n-butylphthalate

Concen: 59.95 ng

RT: 11.85 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MS

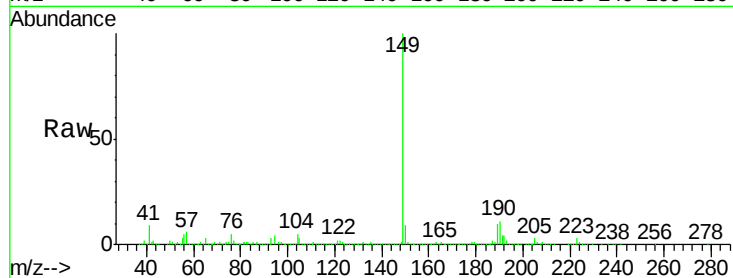
Tot Ion:149 Resp: 1336310

Ion Ratio Lower Upper

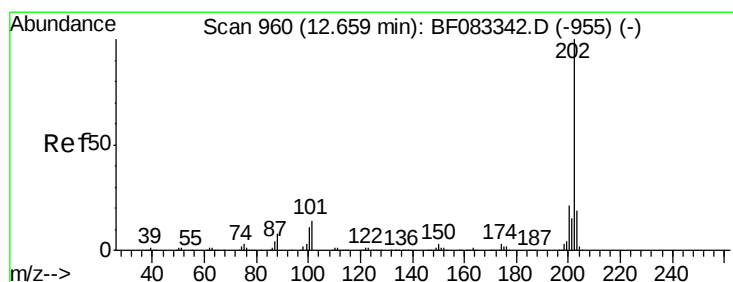
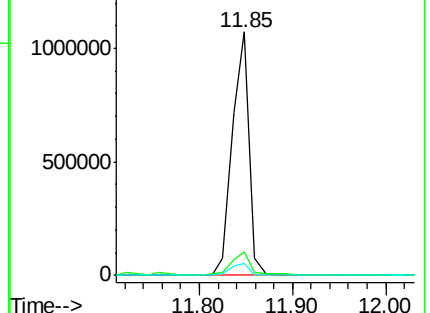
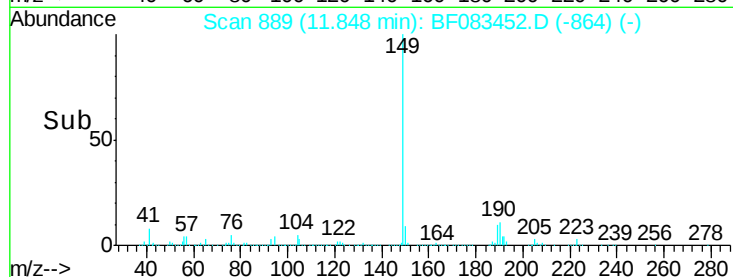
149 100

150 9.5 7.7 11.5

104 4.7 4.0 6.0



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: 205.55 ng

RT: 12.67 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

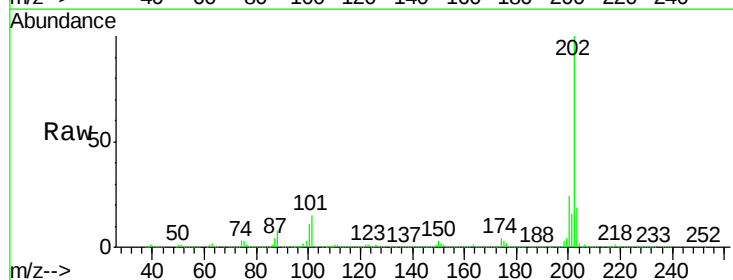
Tgt Ion:202 Resp: 4430601

Ion Ratio Lower Upper

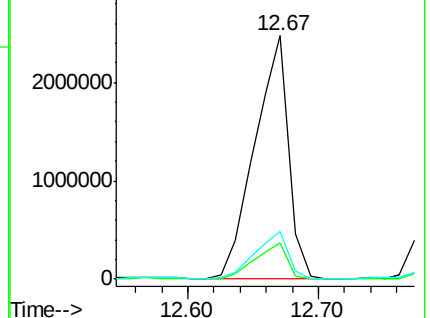
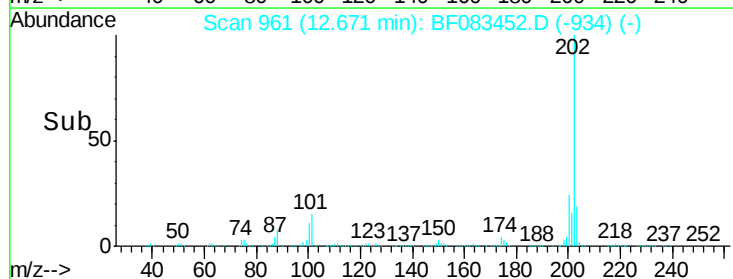
202 100

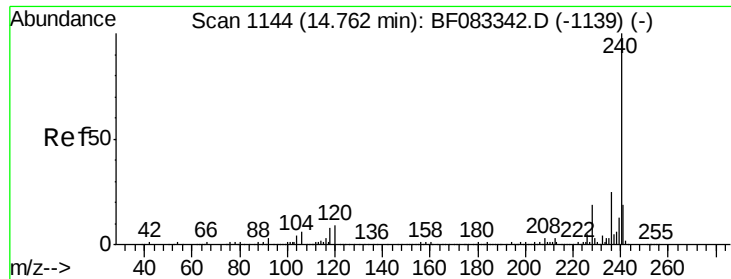
101 14.8 0.0 34.5

203 19.4 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.75 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MS

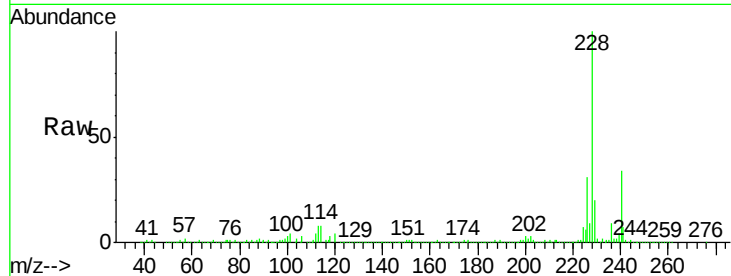
Tot Ion:240 Resp: 279881

Ion Ratio Lower Upper

240 100

120 11.5 6.9 10.3#

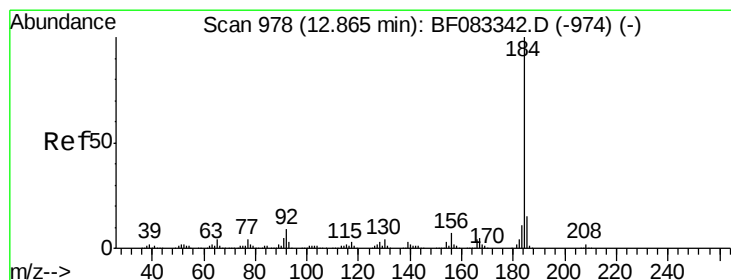
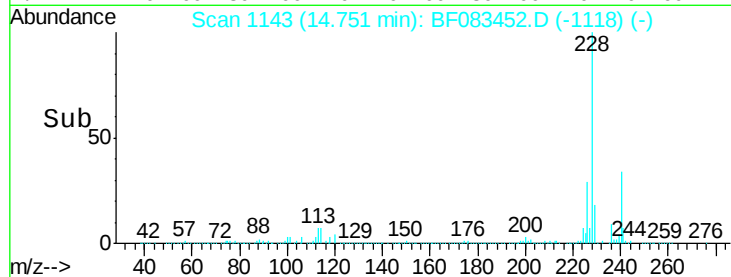
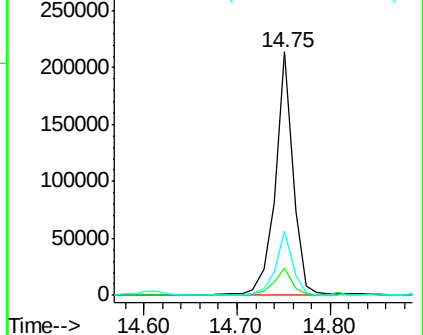
236 26.4 19.8 29.6



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: 65.17 ng

RT: 12.87 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

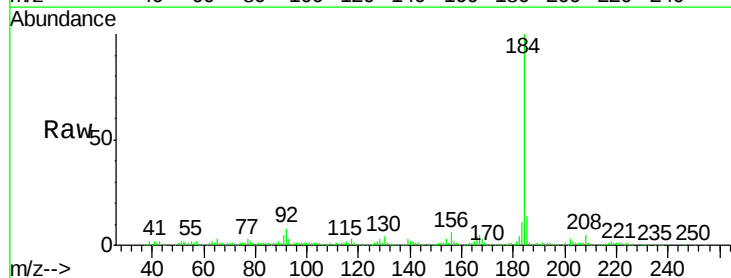
Tgt Ion:184 Resp: 543310

Ion Ratio Lower Upper

184 100

185 13.7 12.4 18.6

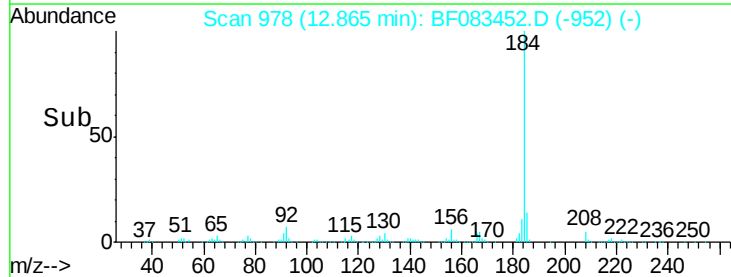
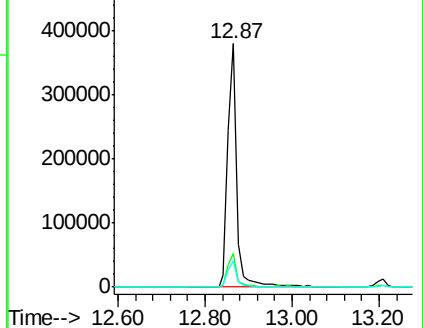
183 10.9 9.0 13.4

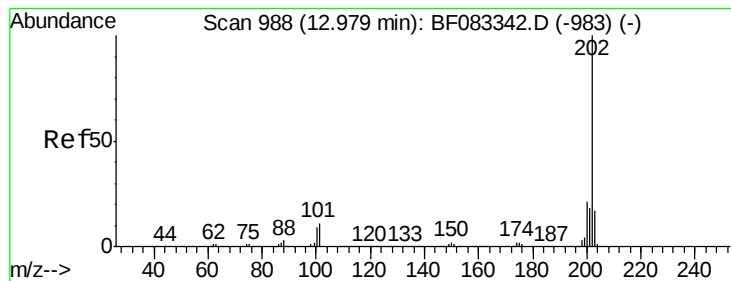


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 279.99 ng

RT: 12.99 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MS

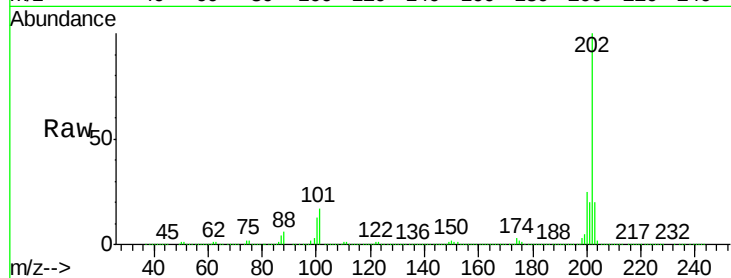
Tot Ion:202 Resp: 5472787

Ion Ratio Lower Upper

202 100

200 24.6 16.9 25.3

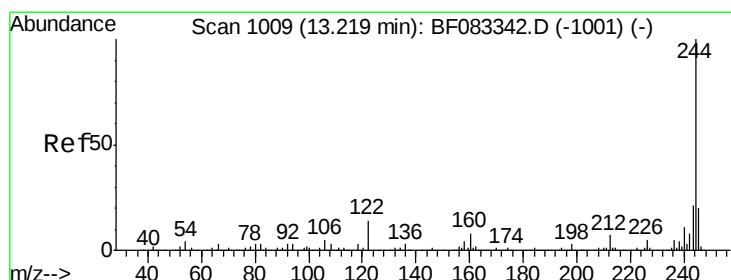
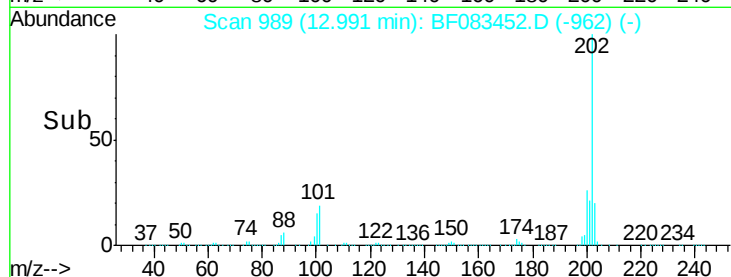
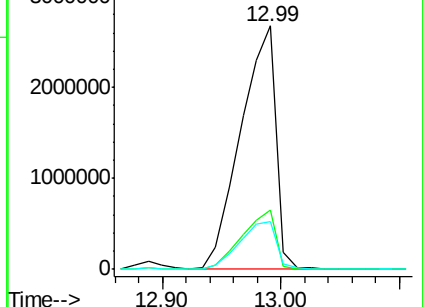
203 19.8 13.9 20.9



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: 106.43 ng

RT: 13.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

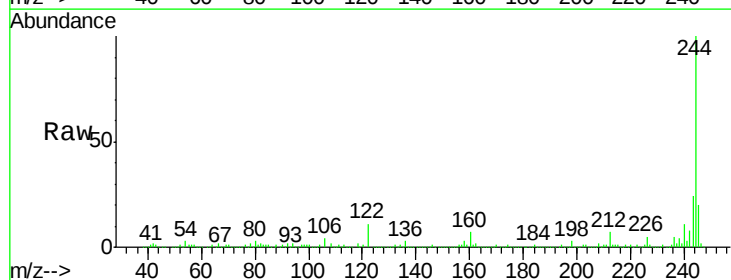
Tgt Ion:244 Resp: 1249041

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

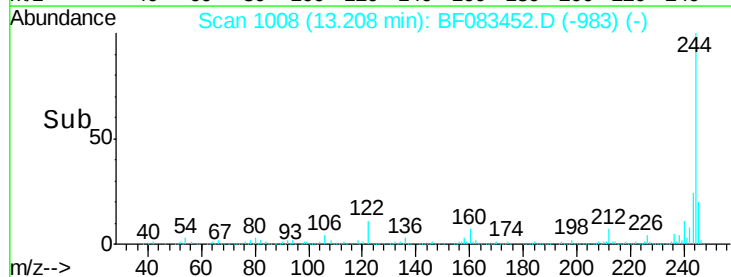
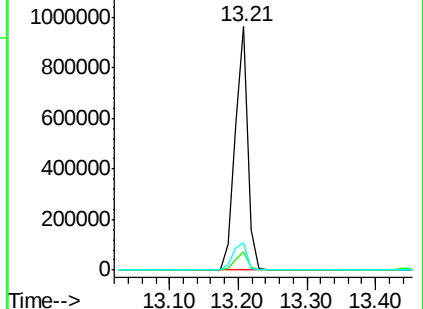
122 11.2 11.0 16.4

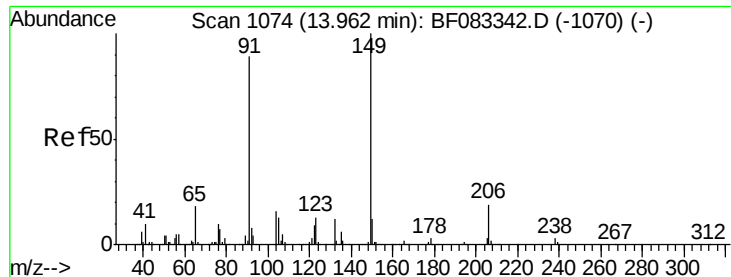


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

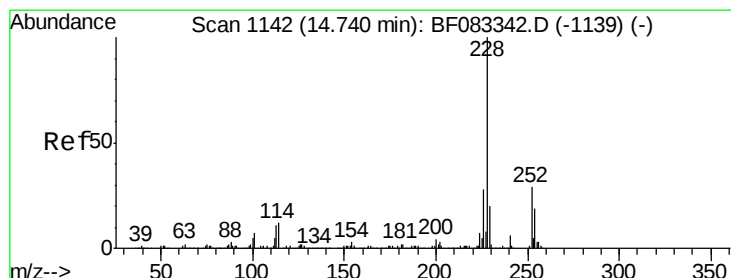
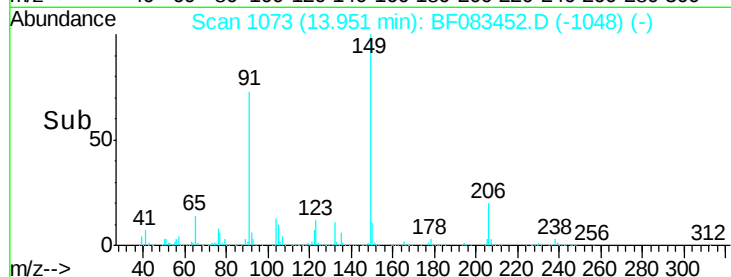
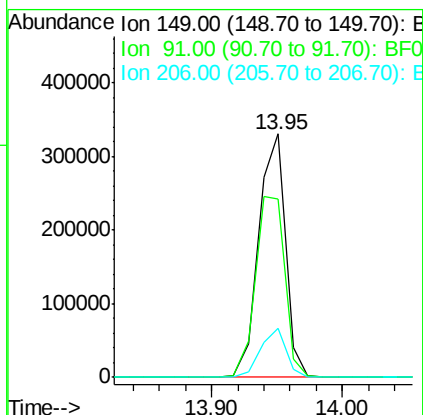
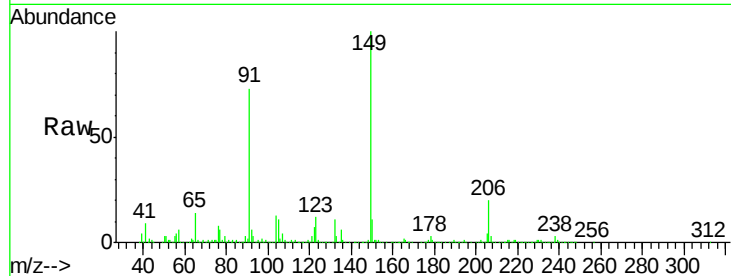




#79
Butylbenzylphthalate
Concen: 57.30 ng
RT: 13.95 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BF083452.D
Acq: 3 Dec 2015 9:26

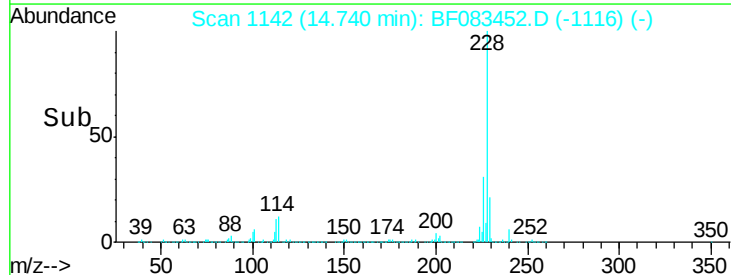
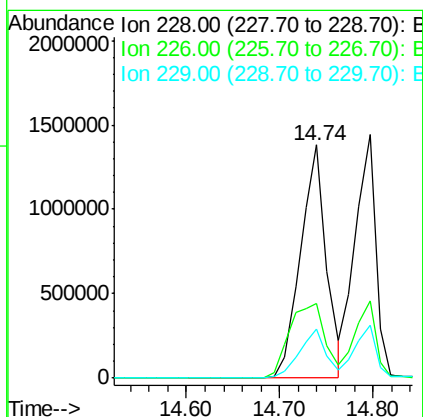
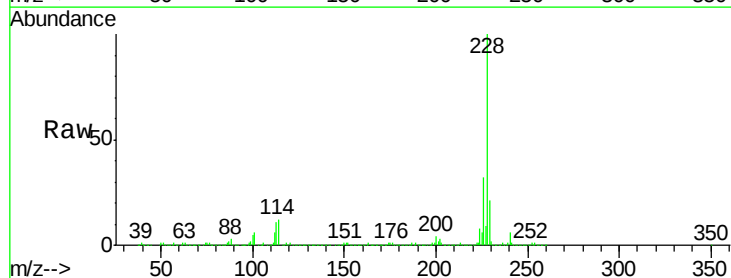
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(0-8)MS

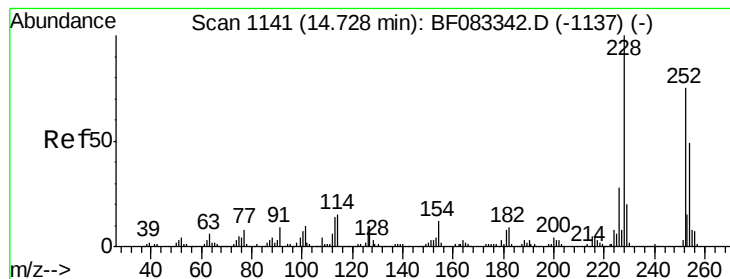
Tot Ion:149 Resp: 475147
Ion Ratio Lower Upper
149 100
91 73.2 71.4 107.2
206 20.2 15.1 22.7



#80
Benzo(a)anthracene
Concen: 156.89 ng
RT: 14.74 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF083452.D
Acq: 3 Dec 2015 9:26

Tgt Ion:228 Resp: 2690202
Ion Ratio Lower Upper
228 100
226 32.0 22.2 33.4
229 21.2 16.1 24.1

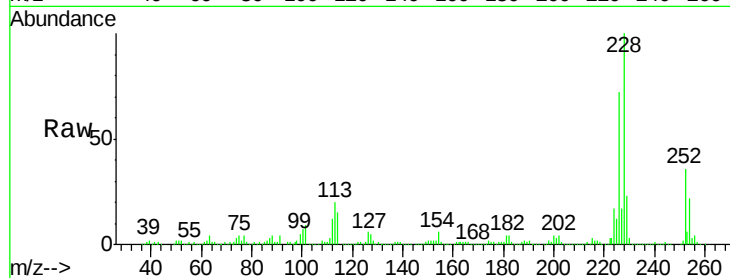




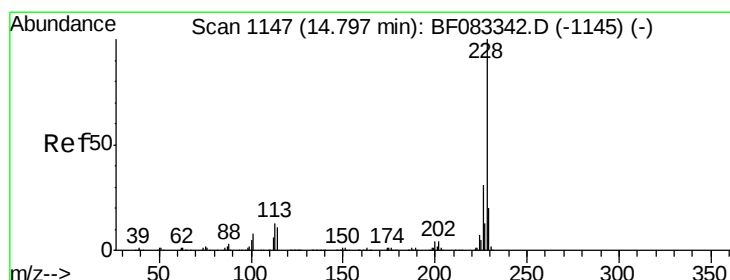
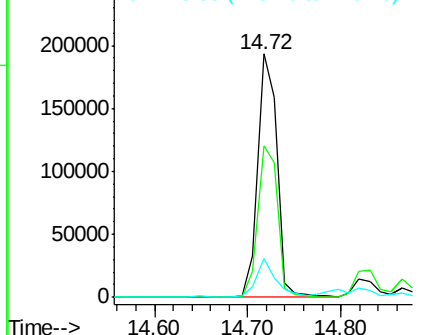
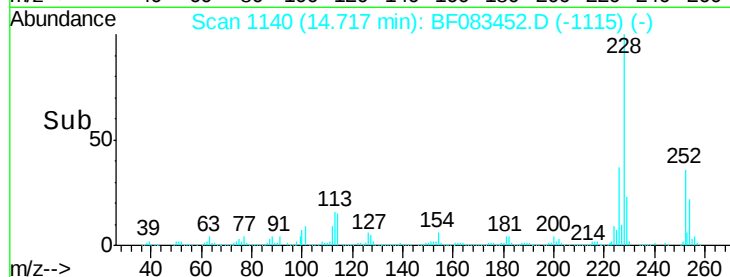
#81
 3,3'-Dichlorobenzidine
 Concen: 52.27 ng
 RT: 14.72 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF083452.D
 Acq: 3 Dec 2015 9:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(0-8)MS

Tot Ion:252 Resp: 279929
 Ion Ratio Lower Upper
 252 100
 254 62.0 52.0 78.0
 126 16.0 10.7 16.1

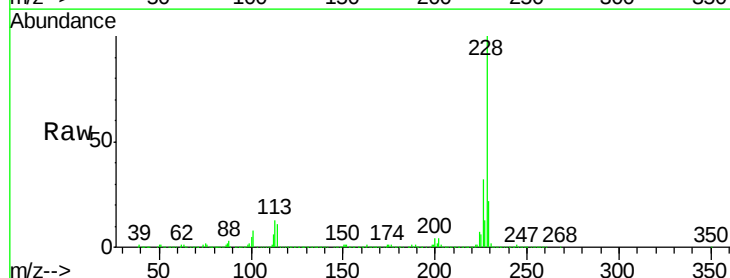


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

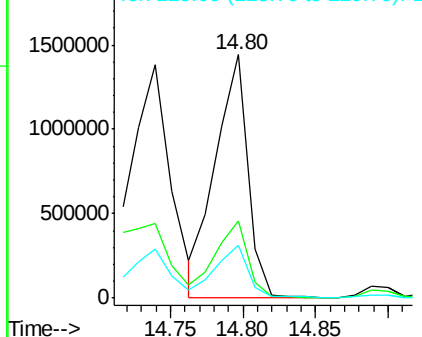
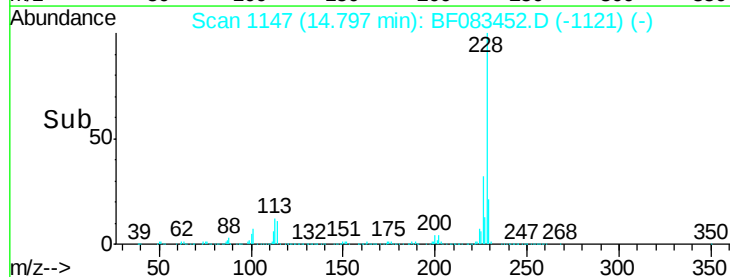


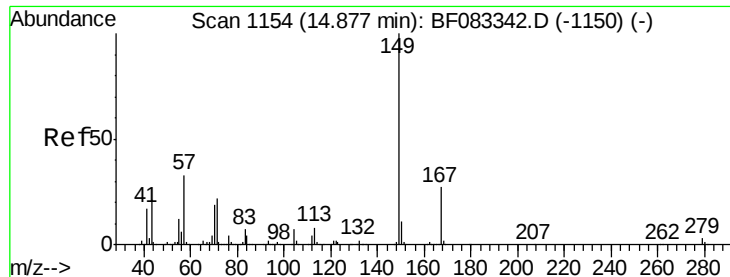
#82
 Chrysene
 Concen: 135.88 ng
 RT: 14.80 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF083452.D
 Acq: 3 Dec 2015 9:26

Tgt Ion:228 Resp: 2251068
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.6 37.0
 229 21.6 16.2 24.2



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: 60.53 ng

RT: 14.85 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MS

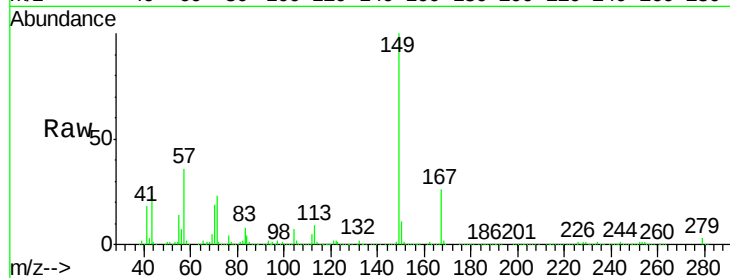
Tot Ion:149 Resp: 673299

Ion Ratio Lower Upper

149 100

167 26.1 21.5 32.3

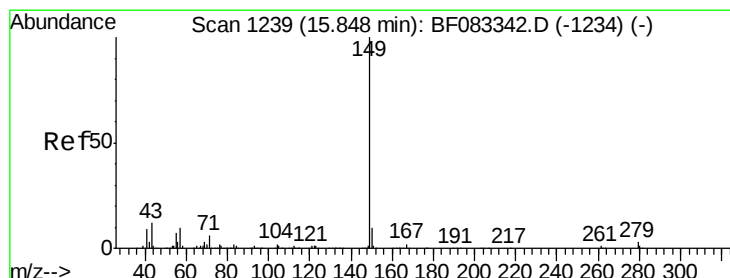
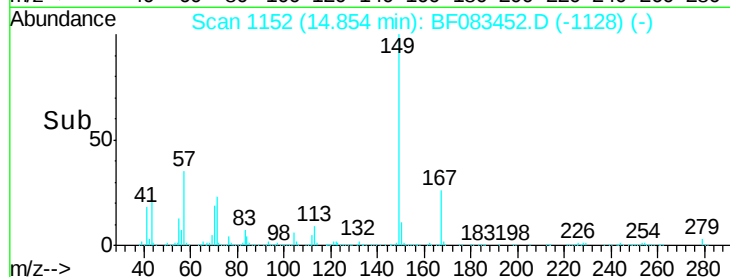
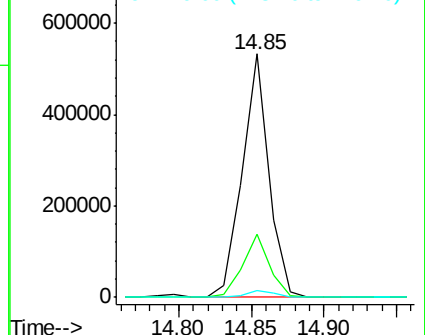
279 2.9 2.6 3.8



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: 67.04 ng

RT: 15.83 min Scan# 1237

Delta R.T. -0.02 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

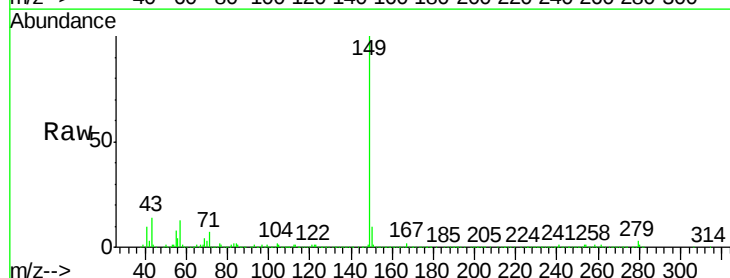
Tgt Ion:149 Resp: 1110337

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

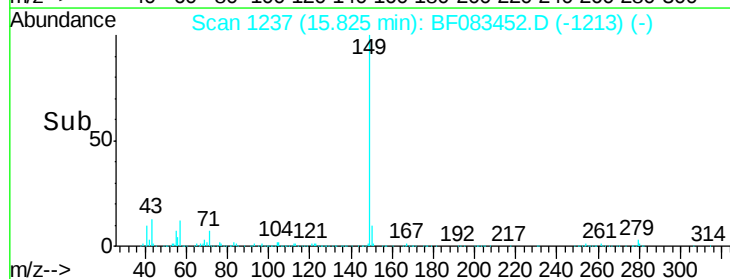
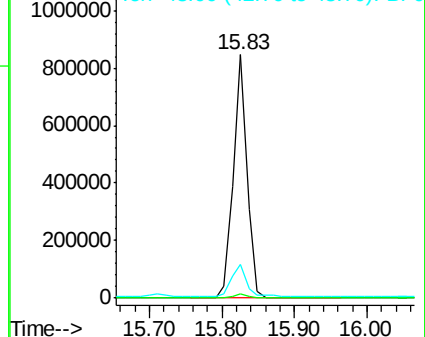
43 15.0 11.0 16.6

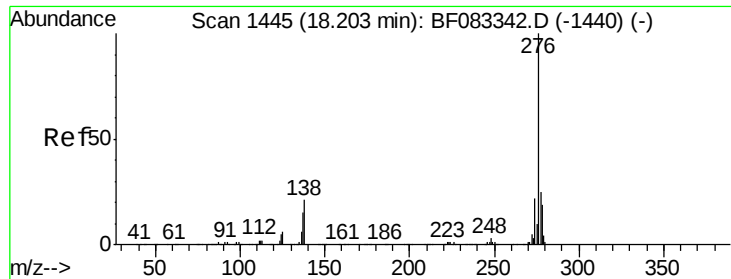


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

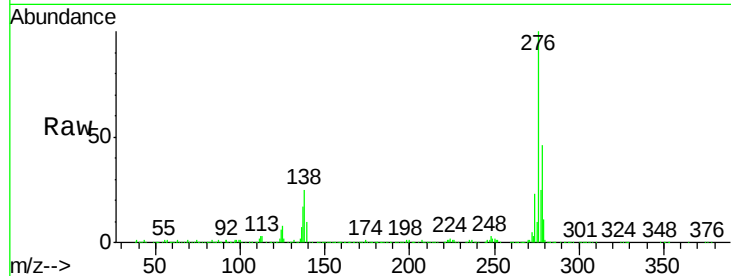




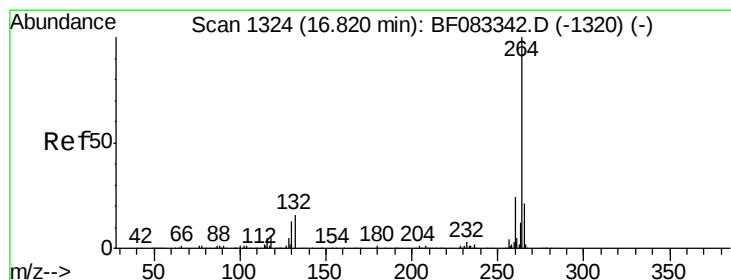
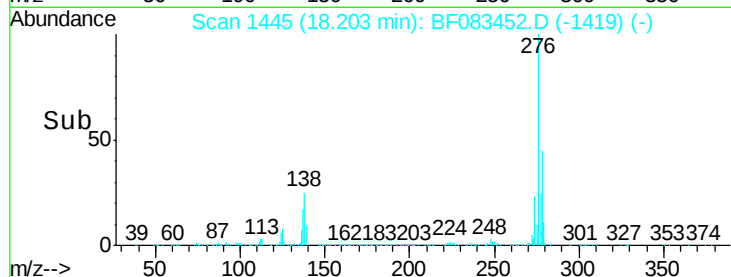
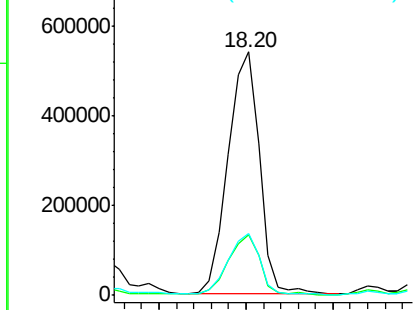
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 111.90 ng
 RT: 18.20 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: BF083452.D
 Acq: 3 Dec 2015 9:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(0-8)MS

Tot Ion:276 Resp: 1350115
 Ion Ratio Lower Upper
 276 100
 138 25.2 21.2 31.8
 277 25.5 20.0 30.0

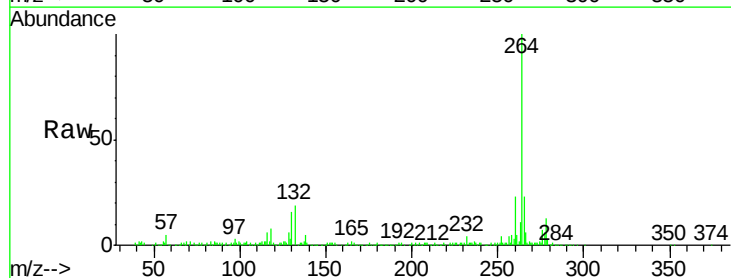


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

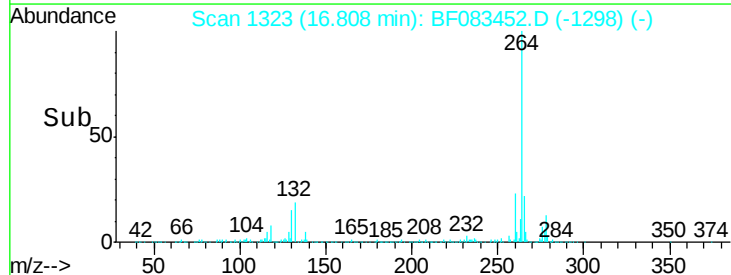
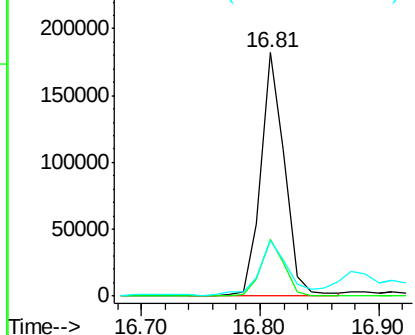


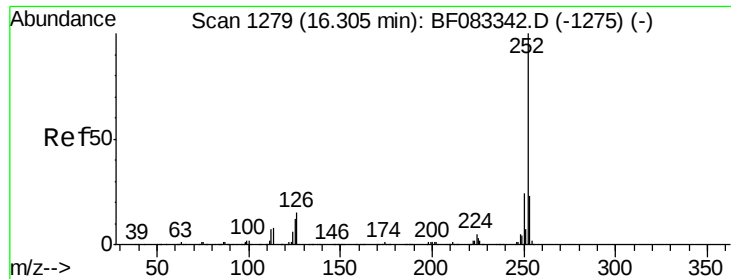
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.81 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF083452.D
 Acq: 3 Dec 2015 9:26

Tgt Ion:264 Resp: 256947
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.4
 265 22.8 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

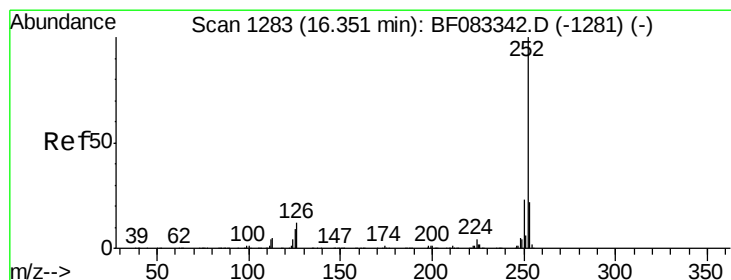
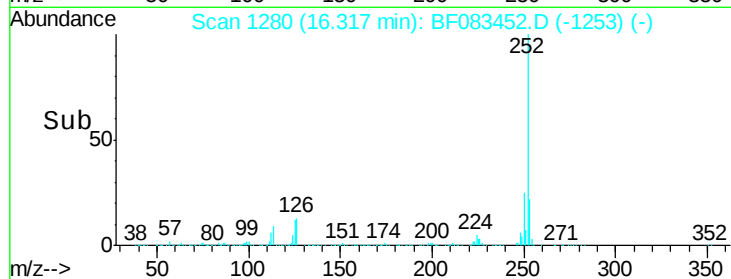
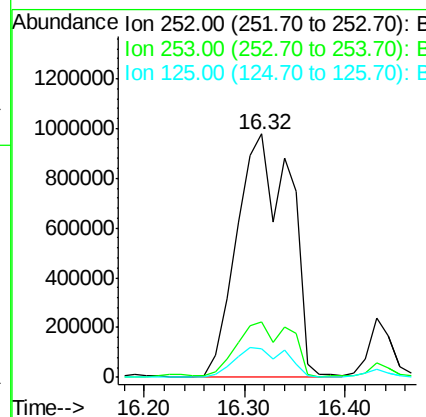
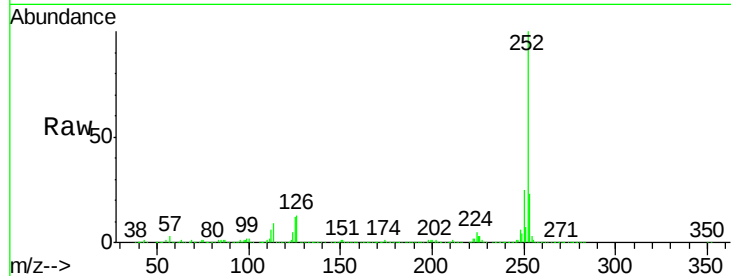




#87
Benzo(b)fluoranthene
Concen: 216.85 ng
RT: 16.32 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF083452.D
Acq: 3 Dec 2015 9:26

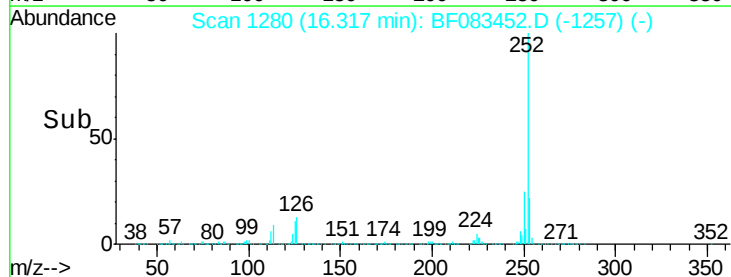
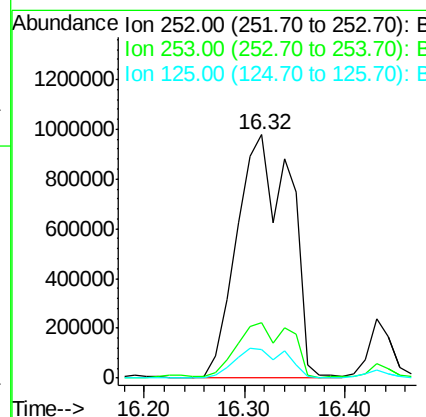
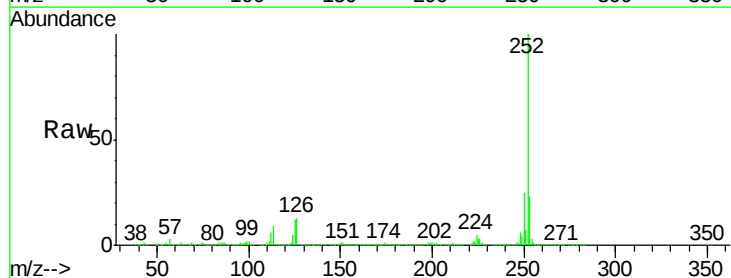
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(0-8)MS

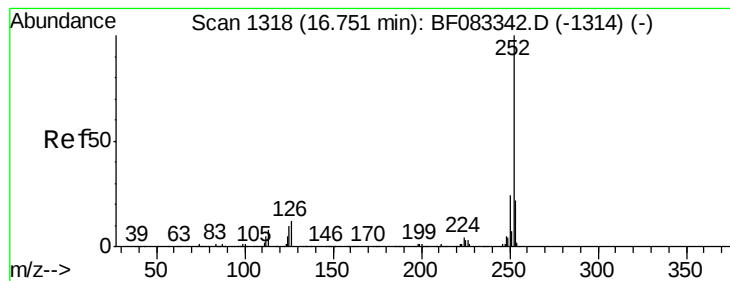
Tot Ion:252 Resp: 3575210
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 11.6 9.6 14.4



#88
Benzo(k)fluoranthene
Concen: 229.65 ng
RT: 16.32 min Scan# 1280
Delta R.T. -0.03 min
Lab File: BF083452.D
Acq: 3 Dec 2015 9:26

Tgt Ion:252 Resp: 3575210
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 11.6 7.5 11.3#





#89

Benzo(a)pyrene

Concen: 160.61 ng

RT: 16.75 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MS

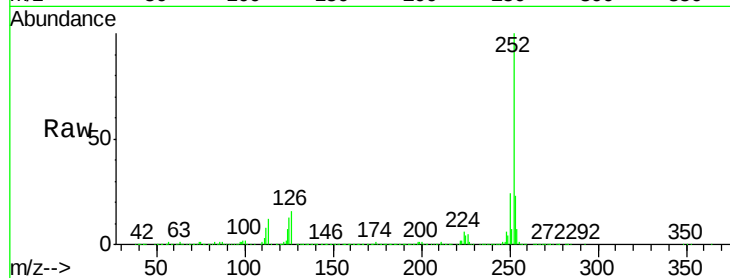
Tot Ion:252 Resp: 2274374

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

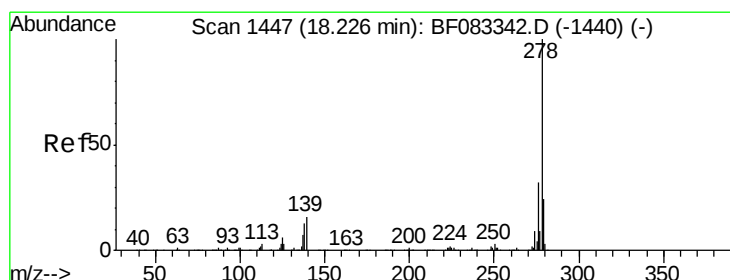
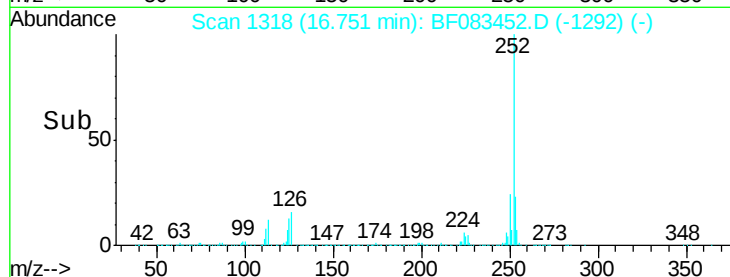
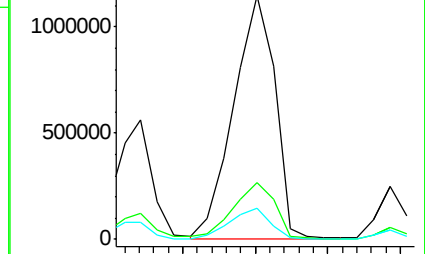
125 12.7 7.8 11.8#



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: 58.18 ng

RT: 18.21 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

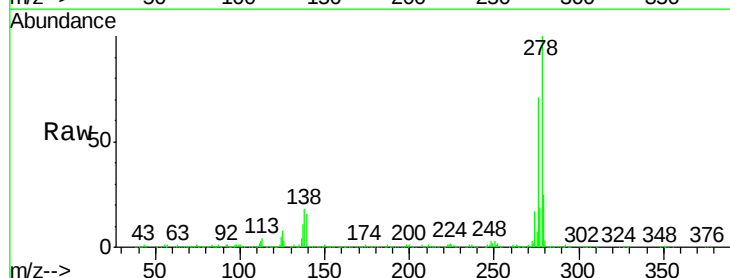
Tgt Ion:278 Resp: 717947

Ion Ratio Lower Upper

278 100

139 16.3 13.1 19.7

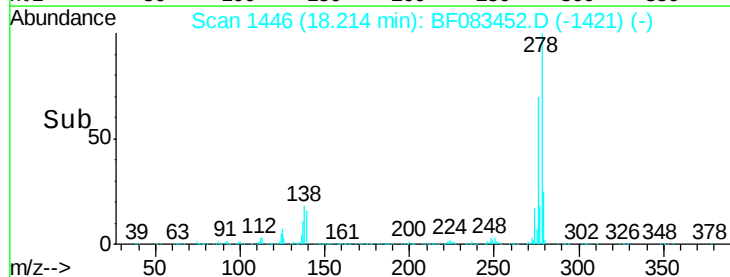
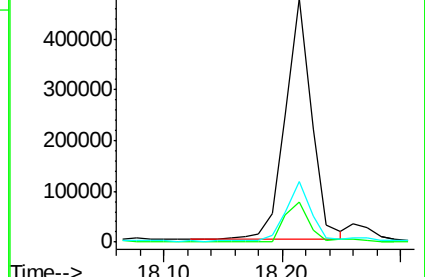
279 25.0 19.2 28.8

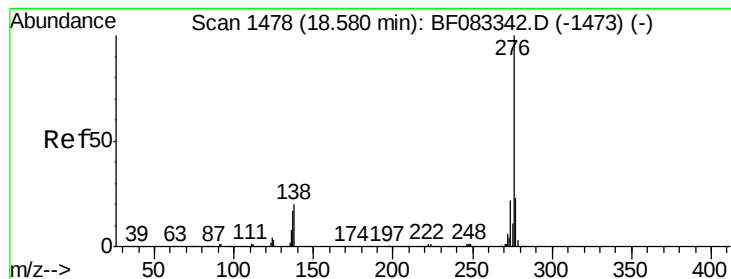


Abundance Ion 278.00 (277.70 to 278.70): E

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: 104.94 ng

RT: 18.58 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BF083452.D

Acq: 3 Dec 2015 9:26

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MS

Tot Ion: 276 Resp: 1270906

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 21.5 16.1 24.1

