

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
 Data File : BF083358.D
 Acq On : 1 Dec 2015 3:14
 Operator : UM/IZ
 Sample : PB86903BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

Quant Time: Dec 01 04:08:18 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	162700	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	637249	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	330676	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	637805	20.00	ng	0.00
75) Chrysene-d12	14.75	240	598016	20.00	ng	-0.01
86) Perylene-d12	16.82	264	471796	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1177518	108.60	ng	0.01
7) Phenol-d6	6.22	99	1625421	109.52	ng	0.00
23) Nitrobenzene-d5	7.13	82	1019278	70.31	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	338484	101.97	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1669113	71.93	ng	0.00
78) Terphenyl-d14	13.22	244	1694690	67.58	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.04	88	145377	24.76	ng	# 87
3) Pyridine	2.65	79	453336	30.87	ng	91
4) n-Nitrosodimethylamine	2.60	42	221394	30.63	ng	96
6) Aniline	6.21	93	401364	19.77	ng	93
8) 2-Chlorophenol	6.34	128	416890	34.86	ng	100
9) Benzaldehyde	6.09	77	226079	29.86	ng	100
10) Phenol	6.24	94	582421	32.62	ng	98
11) bis(2-Chloroethyl)ether	6.29	93	425020	32.72	ng	98
12) 1,3-Dichlorobenzene	6.49	146	443107	33.33	ng	97
13) 1,4-Dichlorobenzene	6.57	146	452032	32.90	ng	98
14) 1,2-Dichlorobenzene	6.57	146	452032	35.86	ng	98
15) Benzyl Alcohol	6.72	79	396301	34.55	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.84	45	776662	34.07	ng	# 50
17) 2-Methylphenol	6.84	107	357620	35.87	ng	99
18) Hexachloroethane	7.06	117	158660	33.25	ng	96
19) n-Nitroso-di-n-propylamine	6.98	70	332427	31.34	ng	# 90
20) 3+4-Methylphenols	7.00	107	465553	34.48	ng	99
22) Acetophenone	6.97	105	585535	30.71	ng	# 93
24) Nitrobenzene	7.14	77	478315	30.90	ng	# 88
25) Isophorone	7.38	82	883719	31.47	ng	97
26) 2-Nitrophenol	7.46	139	204723	32.40	ng	94
27) 2,4-Dimethylphenol	7.53	122	358372	33.83	ng	96
28) bis(2-Chloroethoxy)methane	7.61	93	557202	34.84	ng	98
29) 2,4-Dichlorophenol	7.71	162	358754	35.21	ng	97
30) 1,2,4-Trichlorobenzene	7.78	180	349322	31.50	ng	95
31) Naphthalene	7.86	128	1148505	33.22	ng	99
32) Benzoic acid	7.66	122	230857	31.60	ng	100
33) 4-Chloroaniline	7.93	127	217555	14.60	ng	97
34) Hexachlorobutadiene	7.98	225	206482	32.79	ng	97
35) Caprolactam	8.29	113	80775	25.09	ng	98
36) 4-Chloro-3-methylphenol	8.43	107	393317	34.42	ng	96
37) 2-Methylnaphthalene	8.54	142	725262	31.39	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	344771	32.89	ng	98
40) Hexachlorocyclopentadiene	8.70	237	329080	66.09	ng	97

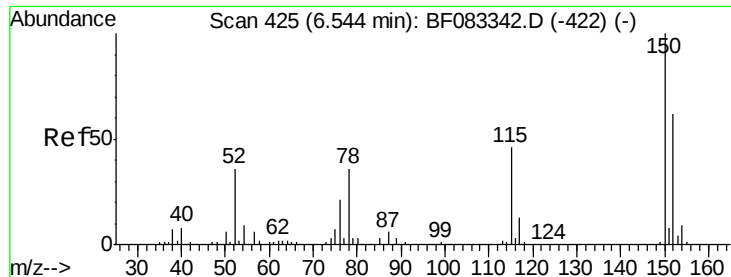
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	249018	33.87	ng	100
43) 2,4,5-Trichlorophenol	8.89	196	264429	34.71	ng	97
45) 1,1'-Biphenyl	9.01	154	873584	30.13	ng	96
46) 2-Chloronaphthalene	9.04	162	748234	33.86	ng	98
47) 2-Nitroaniline	9.14	65	267745	30.59	ng	# 75
48) Acenaphthylene	9.45	152	1181227	33.51	ng	99
49) Dimethylphthalate	9.33	163	892254	33.20	ng	99
50) 2,6-Dinitrotoluene	9.39	165	203025	35.38	ng	# 85
51) Acenaphthene	9.62	154	695940	33.57	ng	99
52) 3-Nitroaniline	9.56	138	119916	17.83	ng	81
53) 2,4-Dinitrophenol	9.66	184	218446	63.81	ng	98
54) Dibenzofuran	9.79	168	989536	32.57	ng	98
55) 4-Nitrophenol	9.76	139	295584	70.25	ng	# 62
56) 2,4-Dinitrotoluene	9.79	165	250482	34.40	ng	96
57) Fluorene	10.13	166	834092	34.77	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	207459	33.75	ng	95
59) Diethylphthalate	10.03	149	860981	33.61	ng	99
60) 4-Chlorophenyl-phenylether	10.13	204	389312	35.32	ng	97
61) 4-Nitroaniline	10.17	138	191066	28.39	ng	88
62) Azobenzene	10.29	77	1088988	35.19	ng	97
64) 4,6-Dinitro-2-methylphenol	10.20	198	152165	35.53	ng	85
65) n-Nitrosodiphenylamine	10.26	169	747526	33.35	ng	98
66) 4-Bromophenyl-phenylether	10.64	248	233295	33.44	ng	96
67) Hexachlorobenzene	10.69	284	255466	33.11	ng	# 74
68) Atrazine	10.82	200	222118	35.83	ng	99
69) Pentachlorophenol	10.92	266	283493	70.15	ng	99
70) Phenanthrene	11.15	178	1251732	33.16	ng	100
71) Anthracene	11.22	178	1335183	35.14	ng	99
72) Carbazole	11.41	167	1188669	34.82	ng	99
73) Di-n-butylphthalate	11.86	149	1380771	34.13	ng	99
74) Fluoranthene	12.66	202	1330532	34.01	ng	98
76) Benzidine	12.87	184	433008	24.31	ng	99
77) Pyrene	12.97	202	1359798	32.56	ng	97
79) Butylbenzylphthalate	13.96	149	591444	33.38	ng	96
80) Benzo(a)anthracene	14.74	228	1220774	33.32	ng	99
81) 3,3'-Dichlorobenzidine	14.73	252	267710	23.39	ng	99
82) Chrysene	14.80	228	1134084	32.04	ng	99
83) Bis(2-ethylhexyl)phthalate	14.88	149	816321	34.35	ng	98
84) Di-n-octyl phthalate	15.85	149	1329271	37.56	ng	100
85) Indeno(1,2,3-cd)pyrene	18.19	276	845113	32.78	ng	100
87) Benzo(b)fluoranthene	16.31	252	1084853	35.84	ng	98
88) Benzo(k)fluoranthene	16.35	252	895879	31.34	ng	97
89) Benzo(a)pyrene	16.75	252	924196	35.54	ng	98
90) Dibenzo(a,h)anthracene	18.23	278	725253	32.01	ng	97
91) Benzo(g,h,i)perylene	18.57	276	692000	31.12	ng	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: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

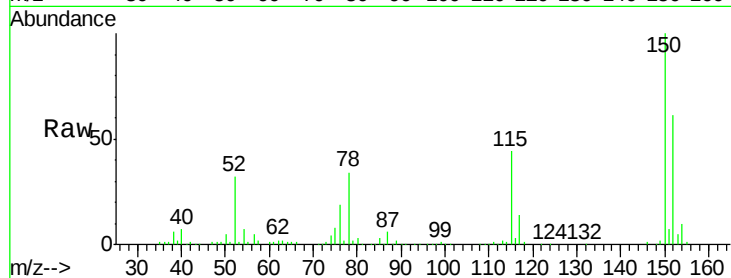
Tgt Ion:152 Resp: 162700

Ion Ratio Lower Upper

152 100

150 163.5 129.8 194.8

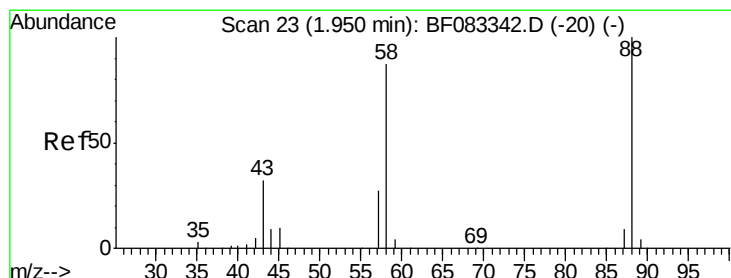
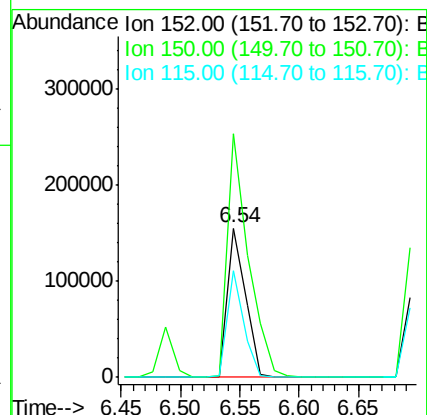
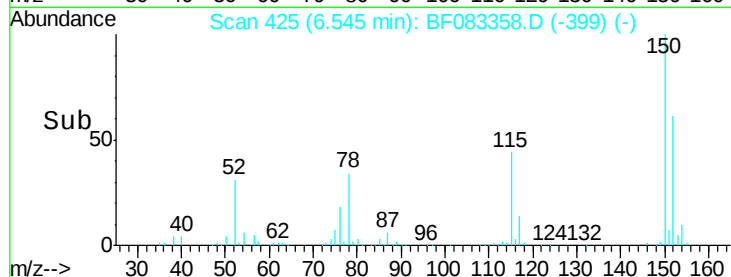
115 71.6 59.2 88.8



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: 24.76 ng

RT: 2.04 min Scan# 31

Delta R.T. 0.09 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

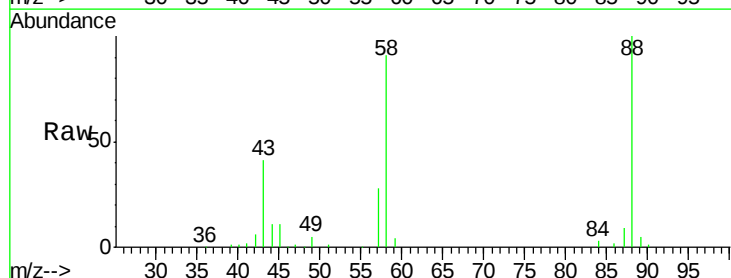
Tgt Ion: 88 Resp: 145377

Ion Ratio Lower Upper

88 100

58 92.0 66.6 100.0

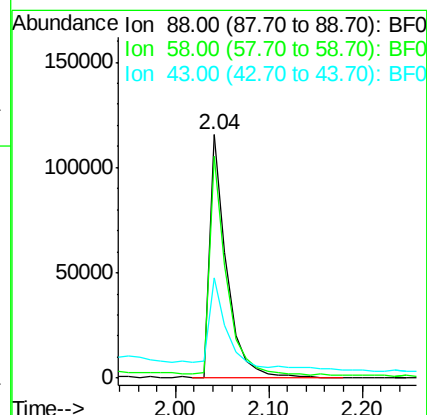
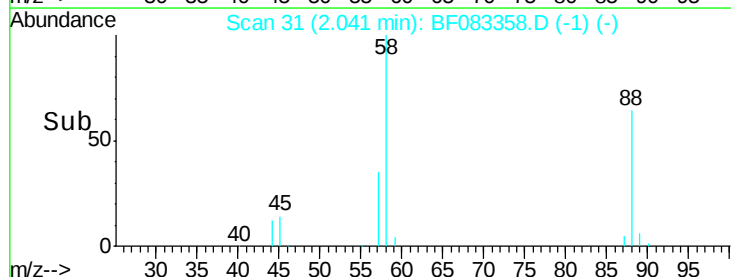
43 45.2 27.1 40.7#

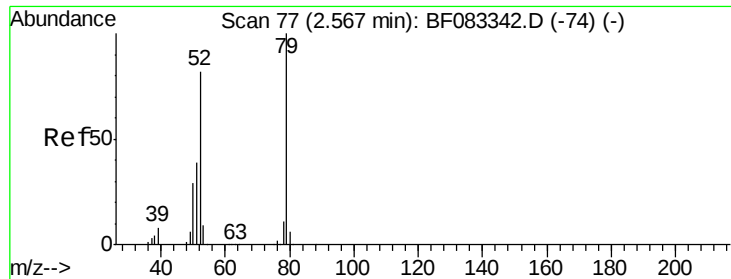


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.87 ng

RT: 2.65 min Scan# 84

Delta R.T. 0.08 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

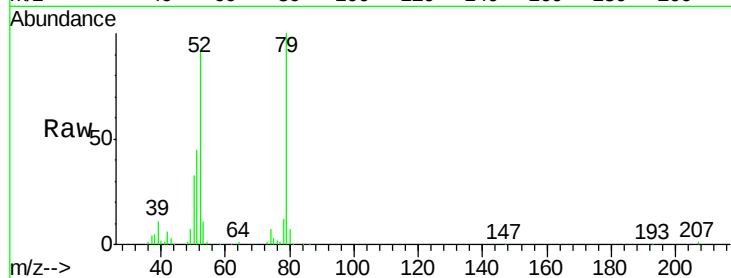
Tgt Ion: 79 Resp: 453336

Ion Ratio Lower Upper

79 100

52 91.6 65.9 98.9

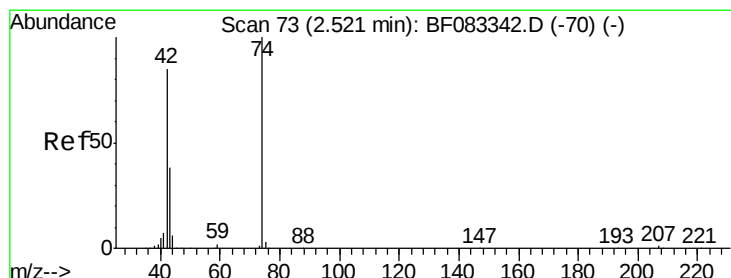
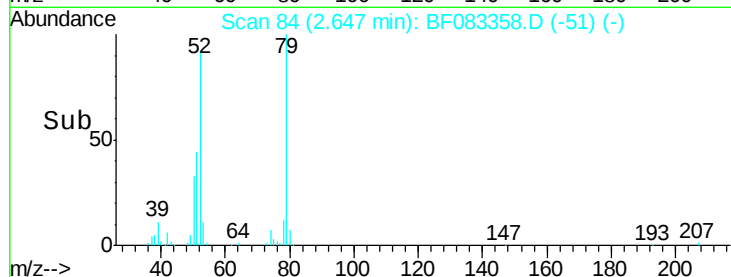
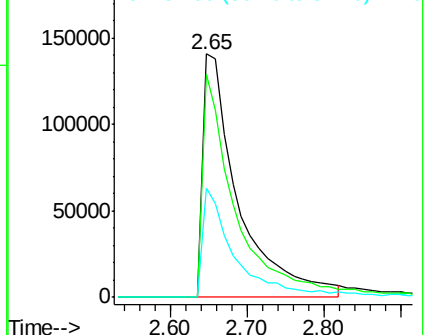
51 44.7 32.3 48.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 30.63 ng

RT: 2.60 min Scan# 80

Delta R.T. 0.08 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

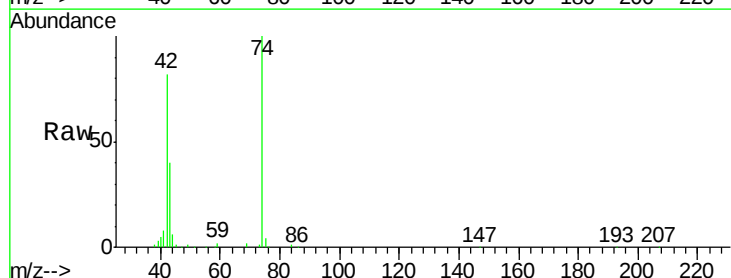
Tgt Ion: 42 Resp: 221394

Ion Ratio Lower Upper

42 100

74 121.5 93.7 140.5

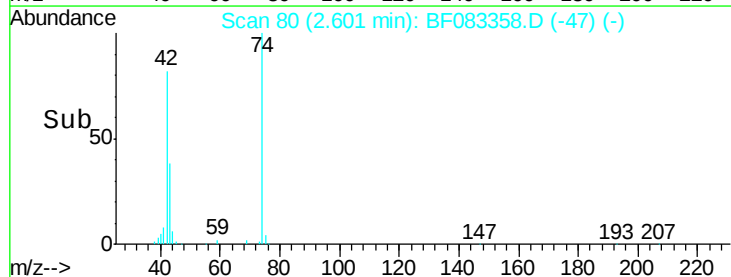
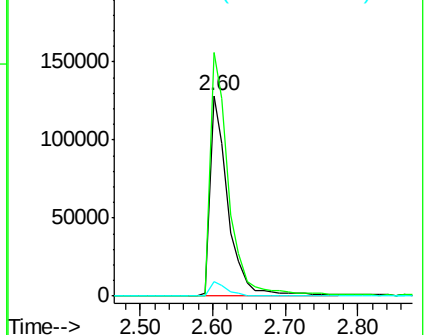
44 7.2 5.6 8.4

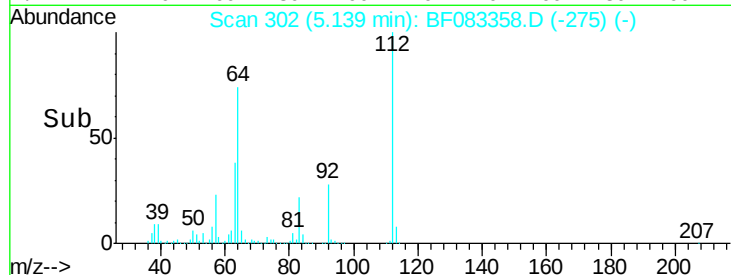
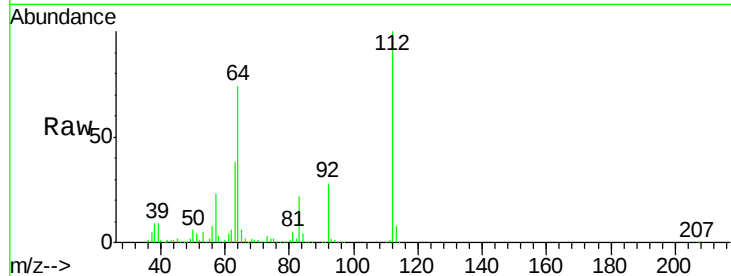
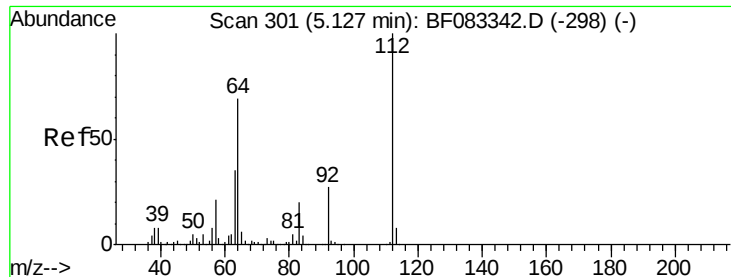


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 108.60 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

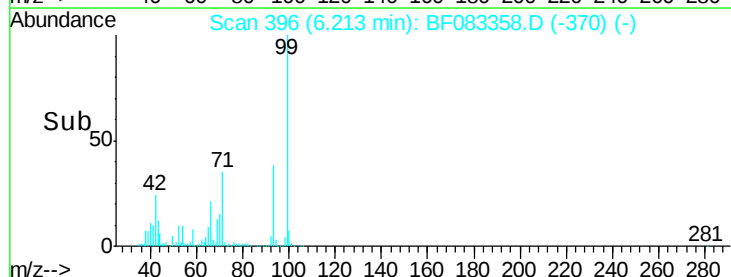
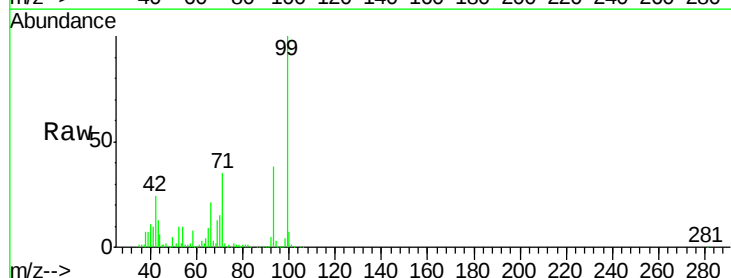
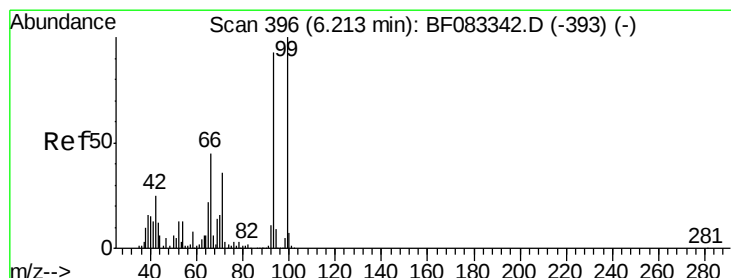
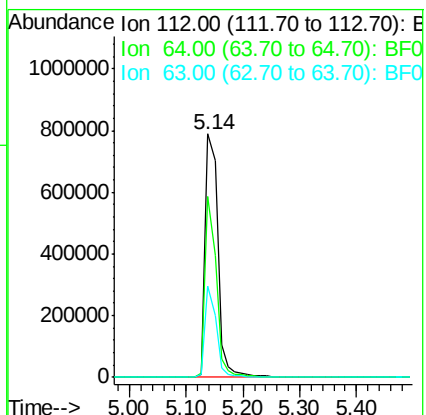
Tgt Ion:112 Resp: 1177518

Ion Ratio Lower Upper

112 100

64 74.3 55.6 83.4

63 37.6 28.2 42.2



#6

Aniline

Concen: 19.77 ng

RT: 6.21 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

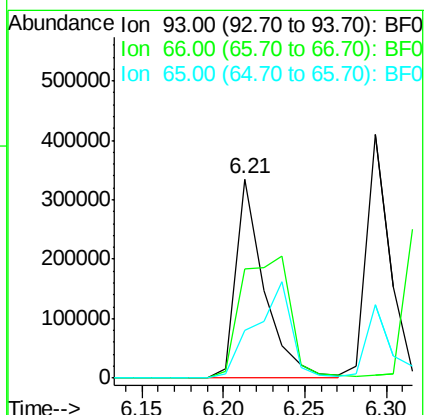
Tgt Ion: 93 Resp: 401364

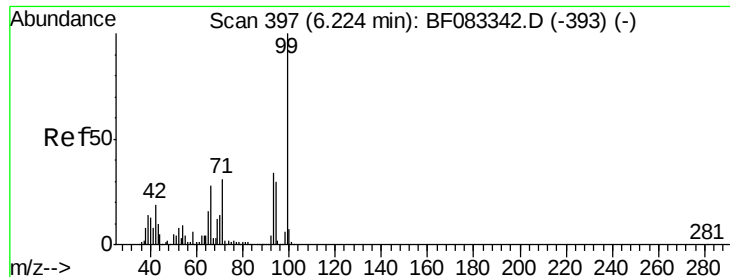
Ion Ratio Lower Upper

93 100

66 54.8 38.7 58.1

65 24.2 19.0 28.6





#7

Phenol-d6

Concen: 109.52 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

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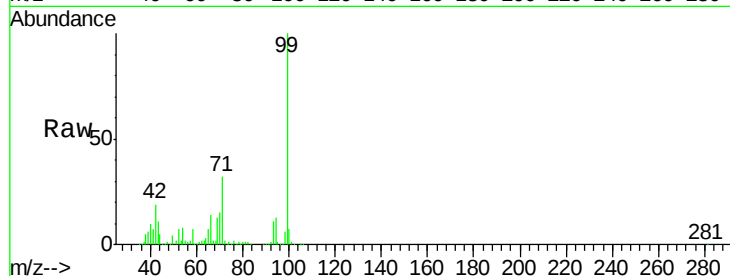
Tgt Ion: 99 Resp: 1625421

Ion Ratio Lower Upper

99 100

42 19.5 14.9 22.3

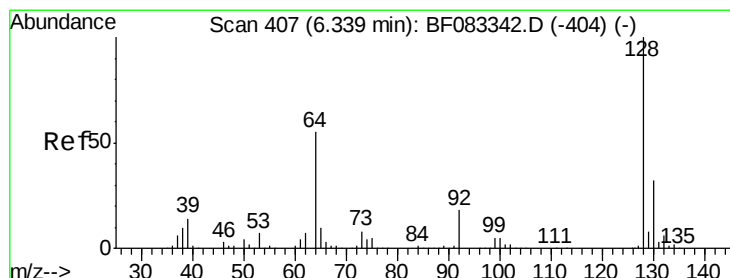
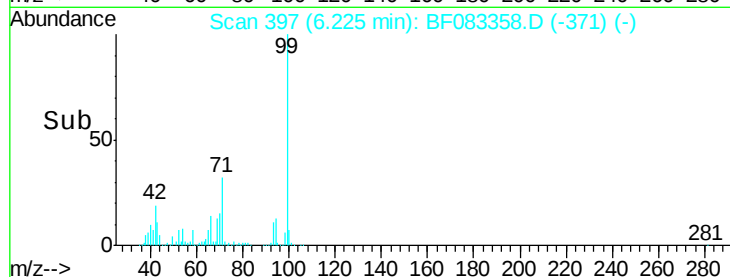
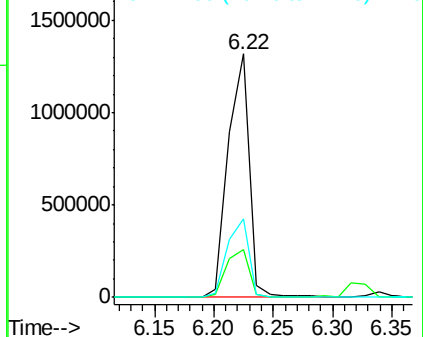
71 32.2 24.7 37.1



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: 34.86 ng

RT: 6.34 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

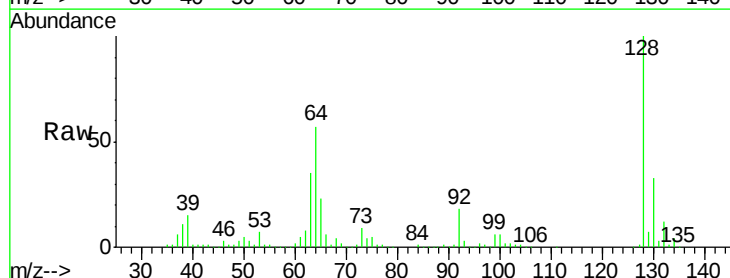
Tgt Ion: 128 Resp: 416890

Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

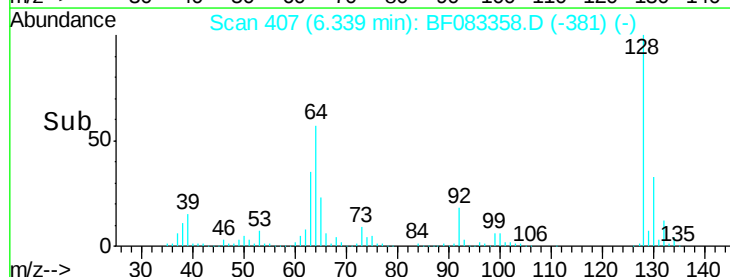
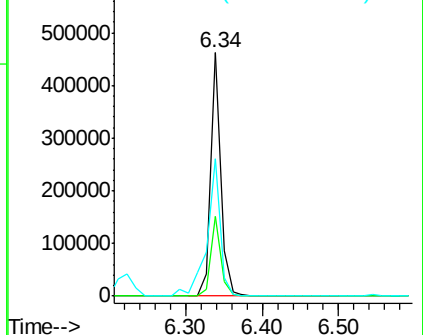
64 56.6 36.4 76.4

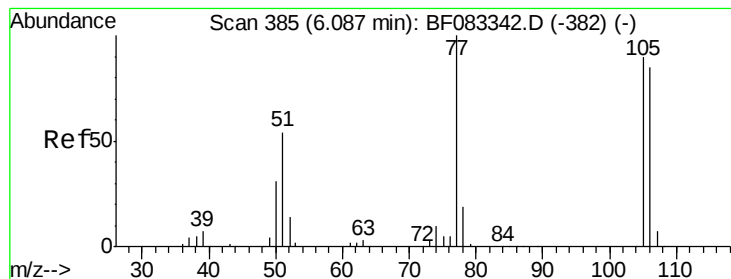


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 29.86 ng

RT: 6.09 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

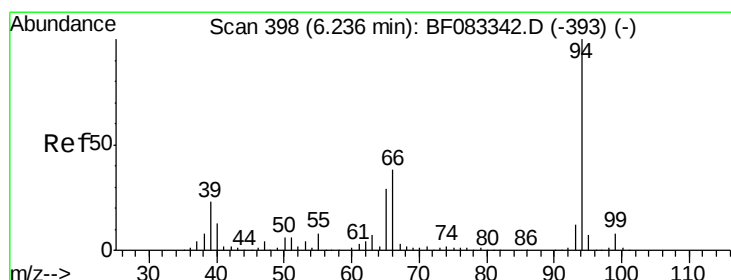
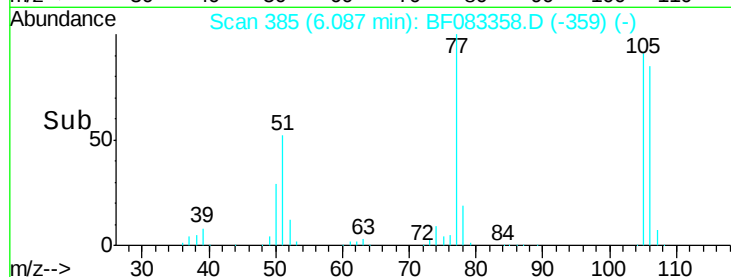
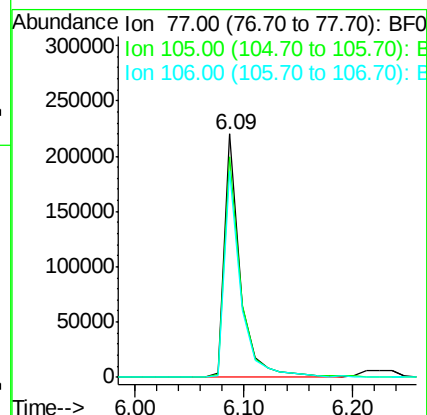
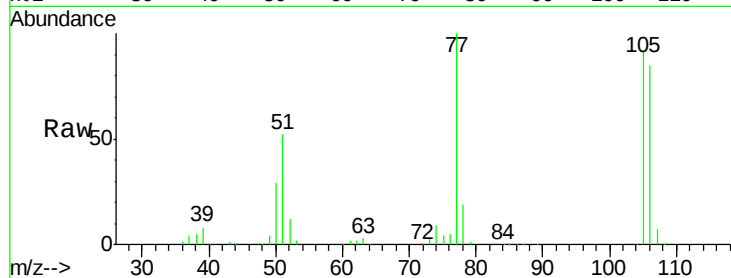
Tgt Ion: 77 Resp: 226079

Ion Ratio Lower Upper

77 100

105 90.5 70.0 110.0

106 84.9 65.0 105.0



#10

Phenol

Concen: 32.62 ng

RT: 6.24 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

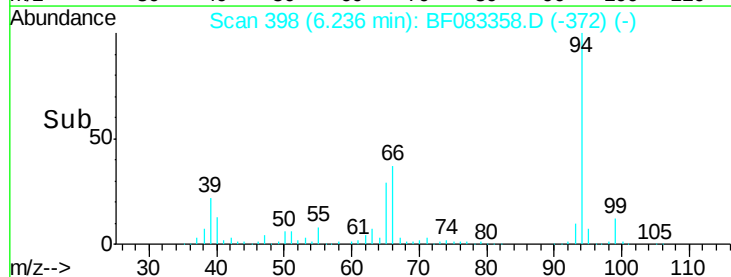
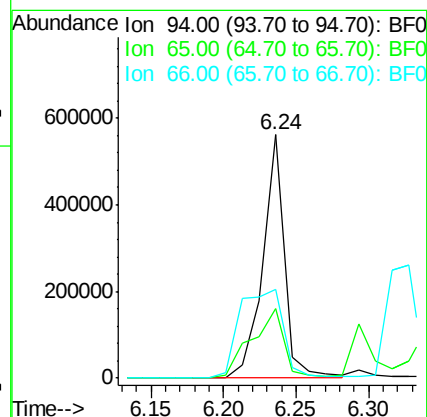
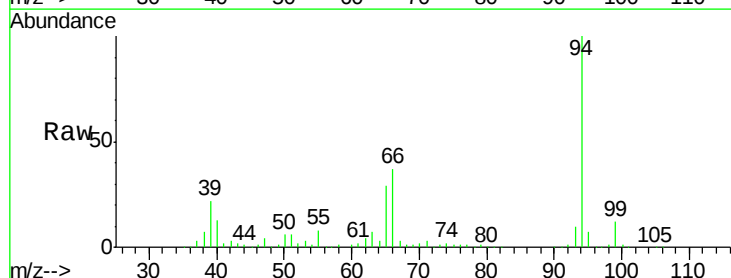
Tgt Ion: 94 Resp: 582421

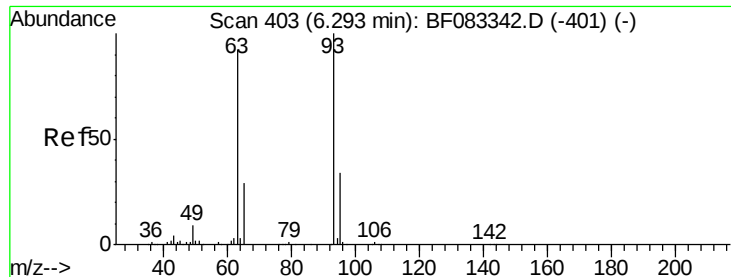
Ion Ratio Lower Upper

94 100

65 28.7 9.5 49.5

66 36.7 17.9 57.9





#11

bis(2-Chloroethyl)ether

Concen: 32.72 ng

RT: 6.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

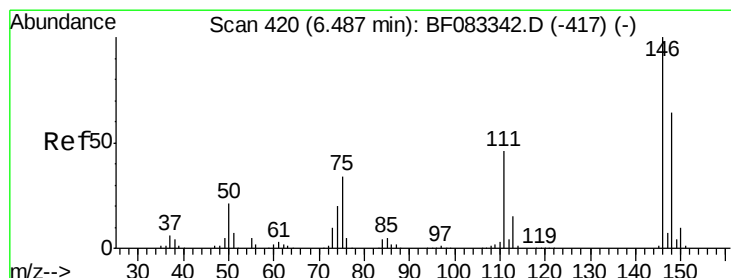
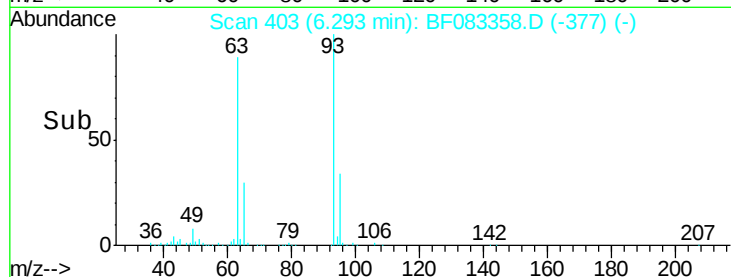
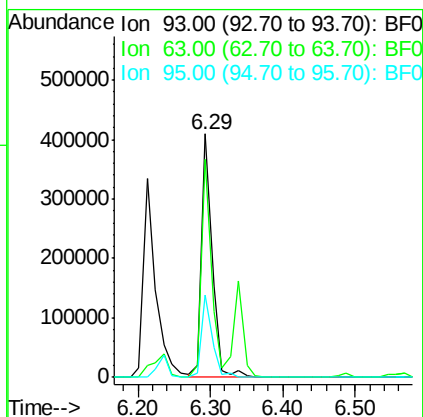
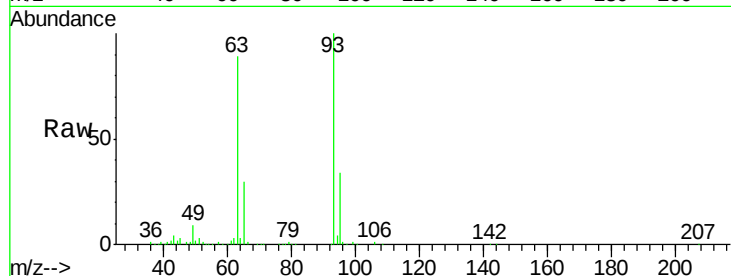
Tgt Ion: 93 Resp: 425020

Ion Ratio Lower Upper

93 100

63 89.3 71.4 111.4

95 33.7 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 33.33 ng

RT: 6.49 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

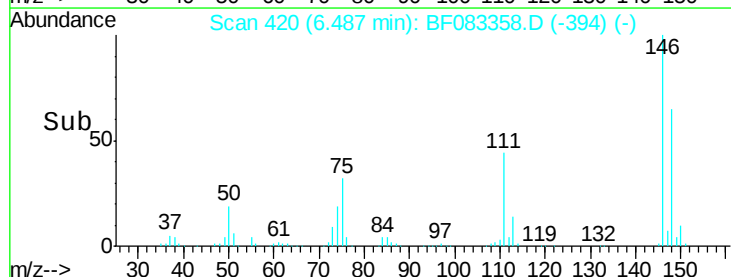
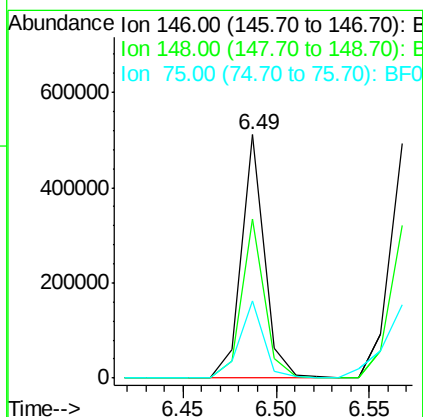
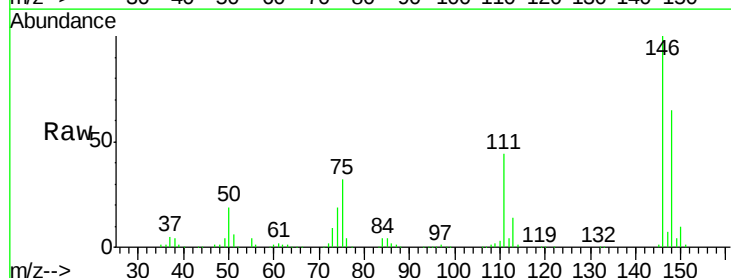
Tgt Ion: 146 Resp: 443107

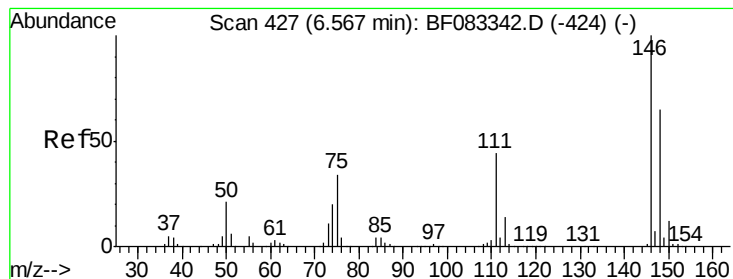
Ion Ratio Lower Upper

146 100

148 65.4 51.1 76.7

75 31.7 27.5 41.3





#13

1,4-Dichlorobenzene

Concen: 32.90 ng

RT: 6.57 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

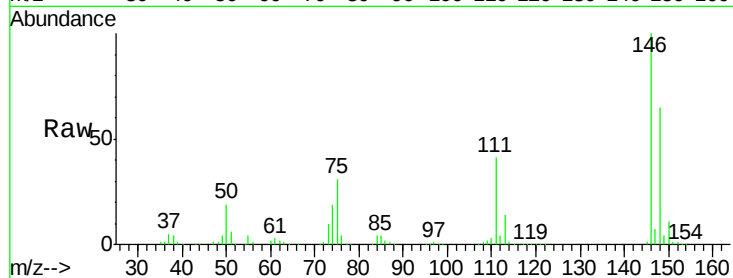
Tgt Ion:146 Resp: 452032

Ion Ratio Lower Upper

146 100

148 65.2 52.1 78.1

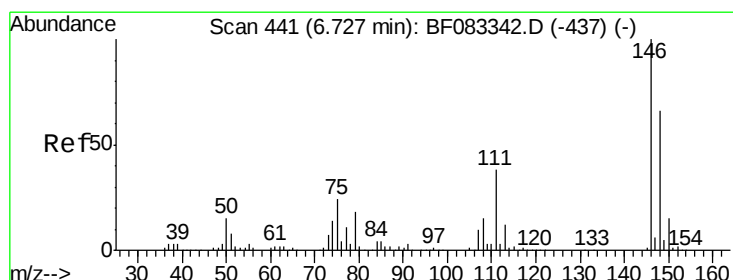
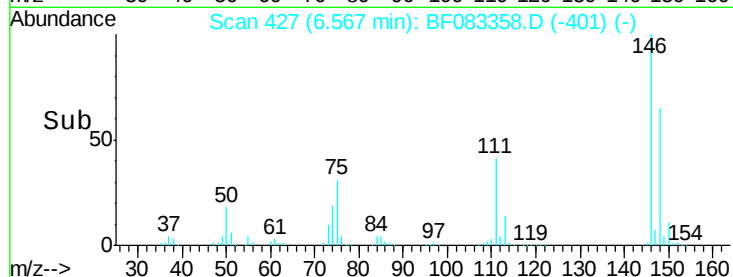
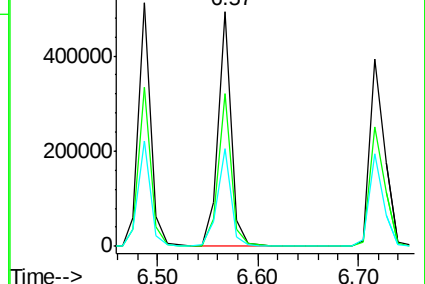
111 41.3 35.4 53.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.86 ng

RT: 6.57 min Scan# 427

Delta R.T. -0.16 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

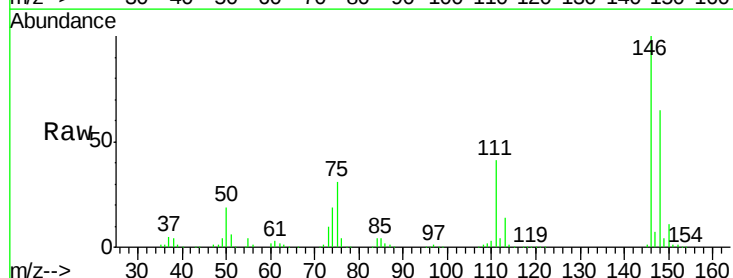
Tgt Ion:146 Resp: 452032

Ion Ratio Lower Upper

146 100

148 65.2 52.5 78.7

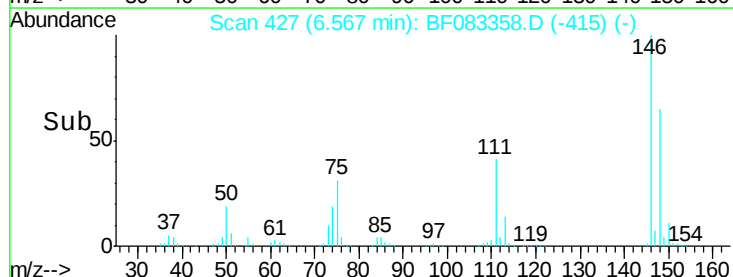
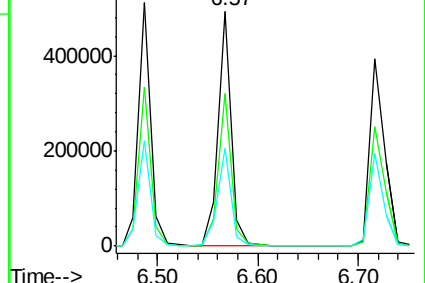
111 41.3 30.6 46.0

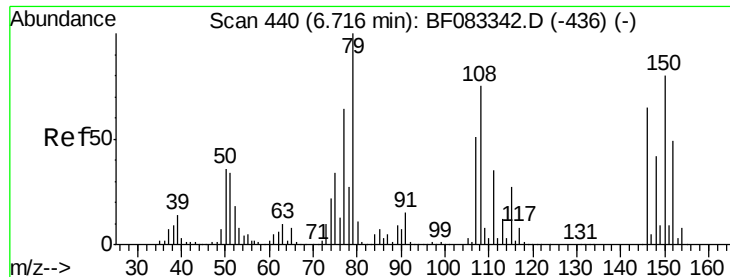


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

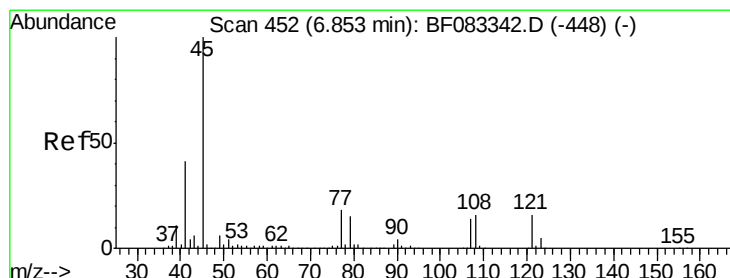
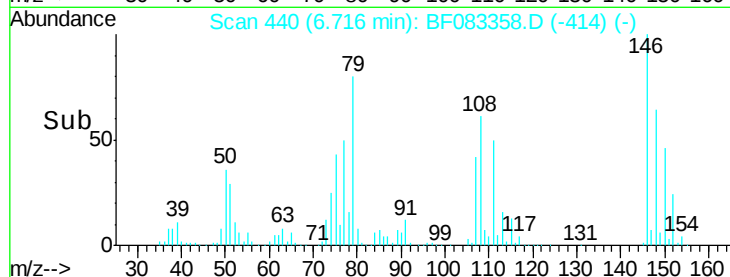
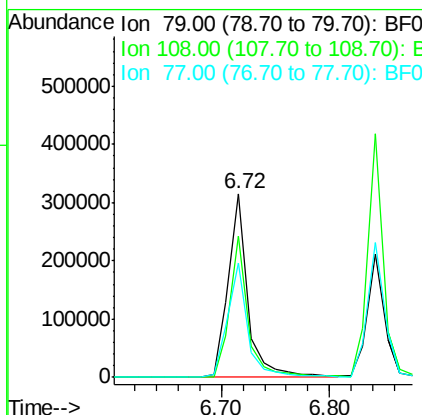
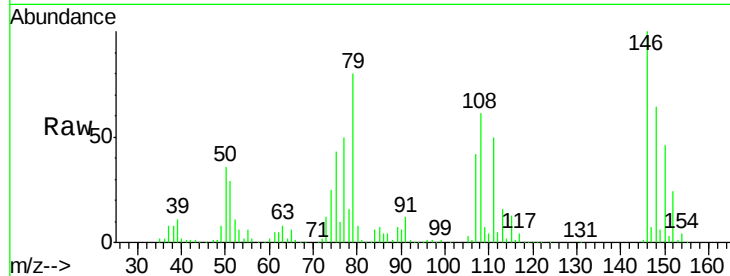




#15
Benzyl Alcohol
Concen: 34.55 ng
RT: 6.72 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

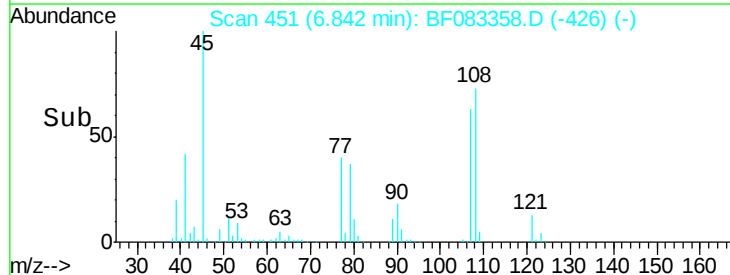
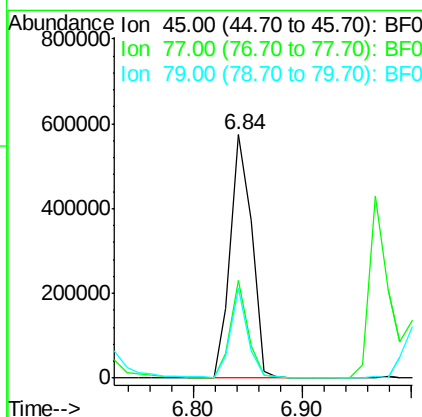
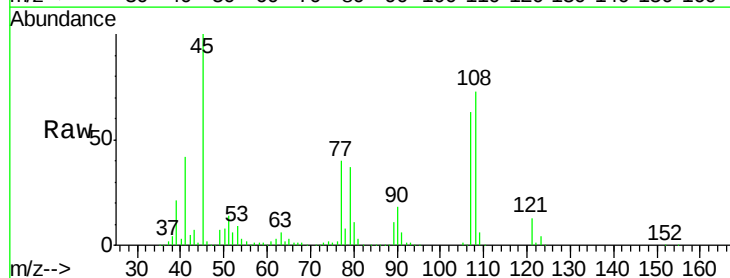
Instrument :
BNA_F
ClientSampleId :
PB86903BS

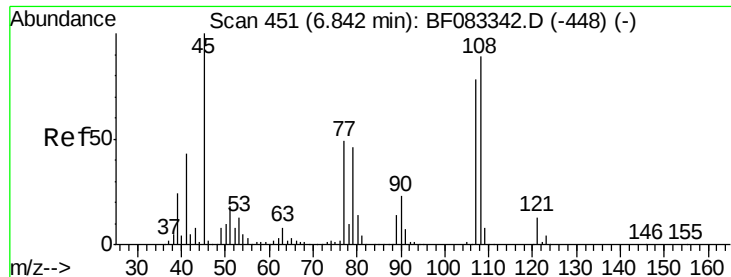
Tgt Ion: 79 Resp: 396301
Ion Ratio Lower Upper
79 100
108 76.7 59.9 89.9
77 62.0 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.07 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Tgt Ion: 45 Resp: 776662
Ion Ratio Lower Upper
45 100
77 40.3 0.0 38.3#
79 36.9 0.0 35.4#

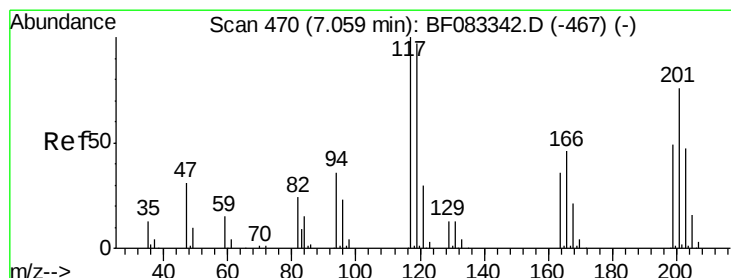
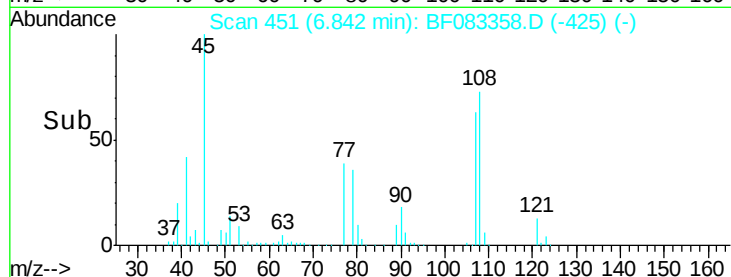
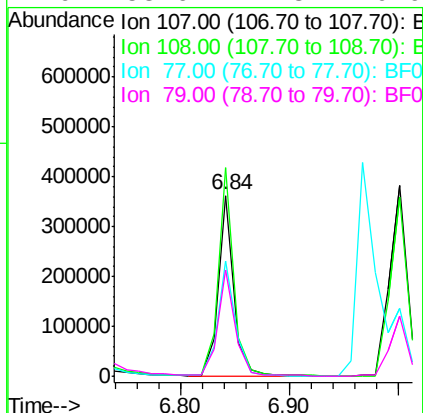
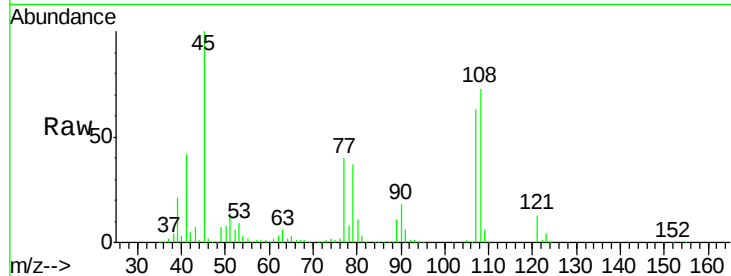




#17
2-Methylphenol
Concen: 35.87 ng
RT: 6.84 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

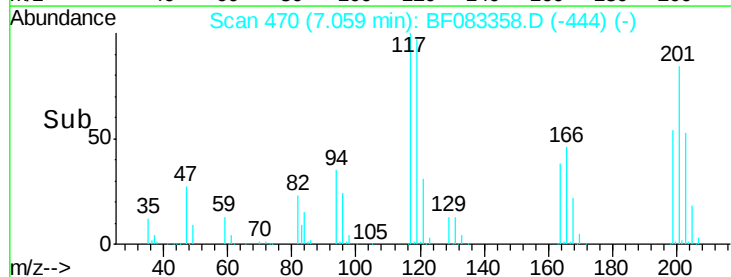
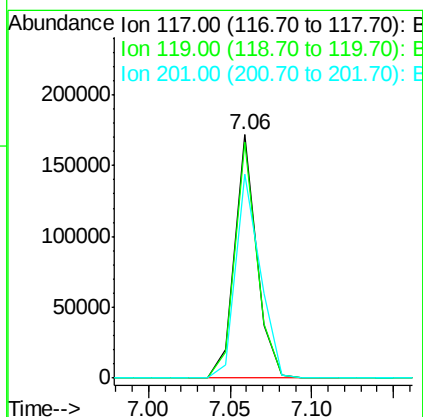
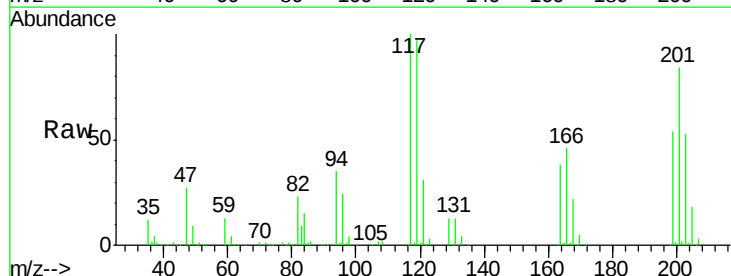
Instrument :
BNA_F
ClientSampleId :
PB86903BS

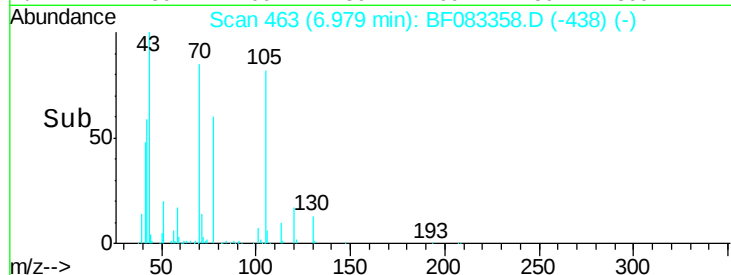
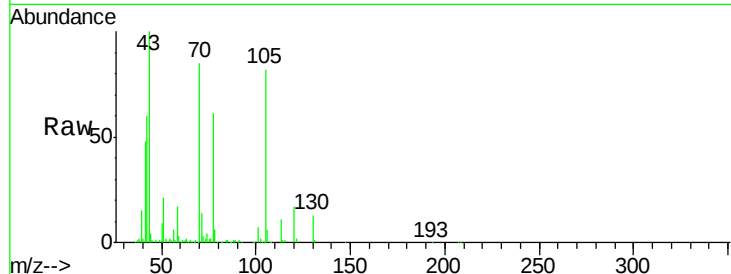
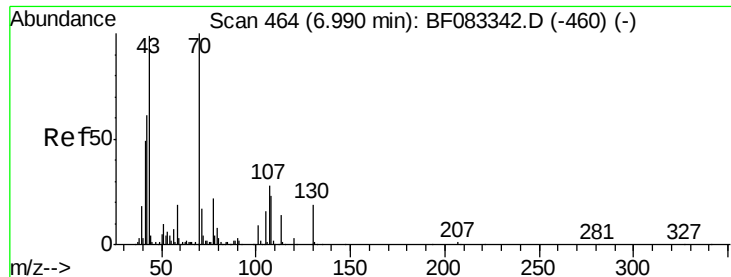
Tgt Ion:107 Resp: 357620
Ion Ratio Lower Upper
107 100
108 115.5 91.6 137.4
77 63.9 49.9 74.9
79 58.6 47.3 70.9



#18
Hexachloroethane
Concen: 33.25 ng
RT: 7.06 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Tgt Ion:117 Resp: 158660
Ion Ratio Lower Upper
117 100
119 96.7 77.3 115.9
201 83.7 60.6 90.8

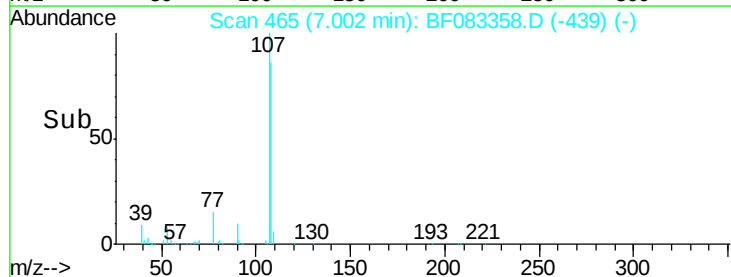
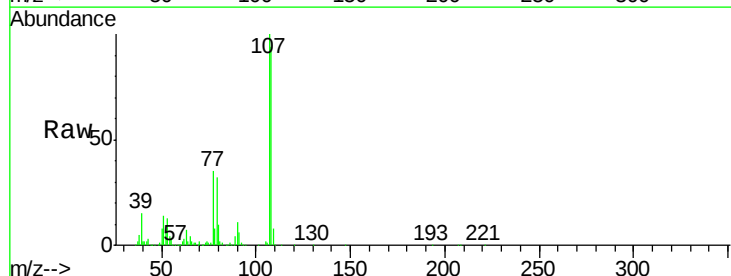
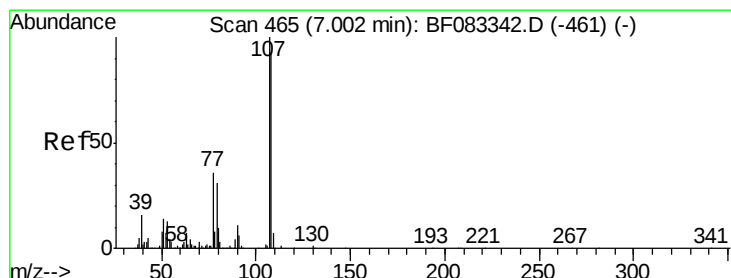
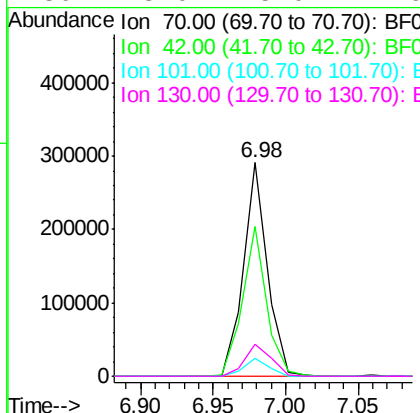




#19
n-Nitroso-di-n-propylamine
Concen: 31.34 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

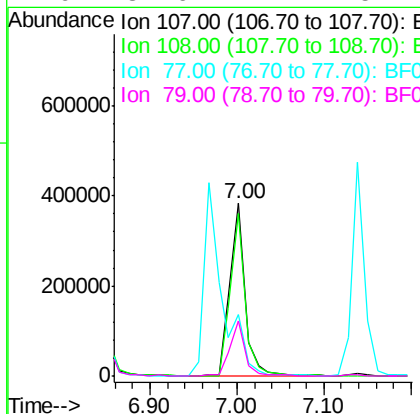
Instrument :
BNA_F
ClientSampleId :
PB86903BS

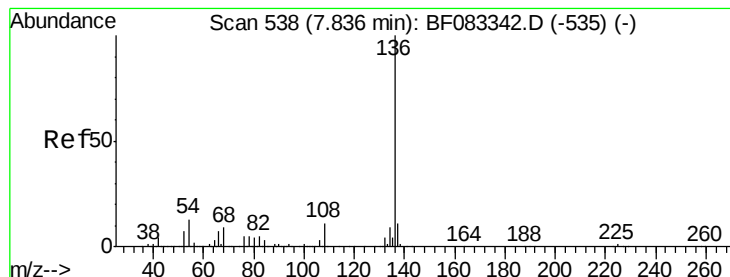
Tgt Ion: 70 Resp: 332427
Ion Ratio Lower Upper
70 100
42 70.3 48.8 73.2
101 8.2 7.1 10.7
130 15.0 15.0 22.6#



#20
3+4-Methylphenols
Concen: 34.48 ng
RT: 7.00 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Tgt Ion:107 Resp: 465553
Ion Ratio Lower Upper
107 100
108 94.0 73.0 113.0
77 35.4 16.8 56.8
79 31.6 11.4 51.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

Tgt Ion:136 Resp: 637249

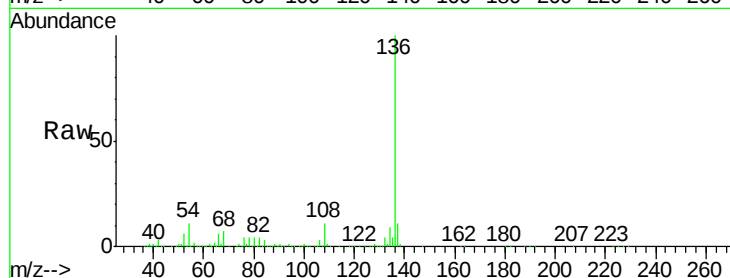
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 11.3 10.1 15.1

68 7.3 7.1 10.7

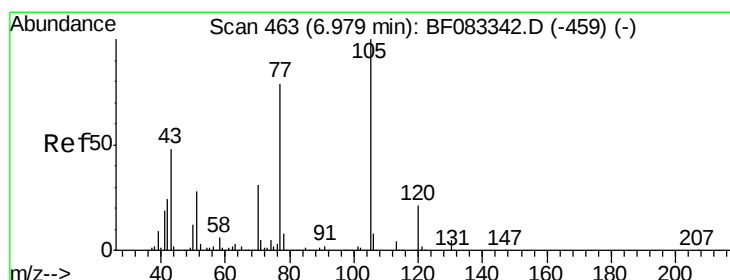
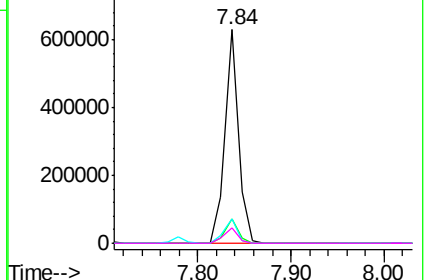
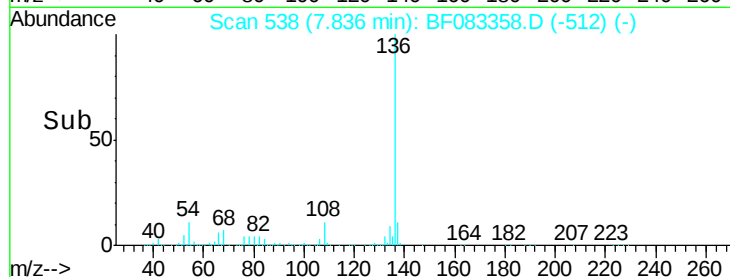


Abundance Ion 136.00 (135.70 to 136.70): E

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: 30.71 ng

RT: 6.97 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Tgt Ion:105 Resp: 585535

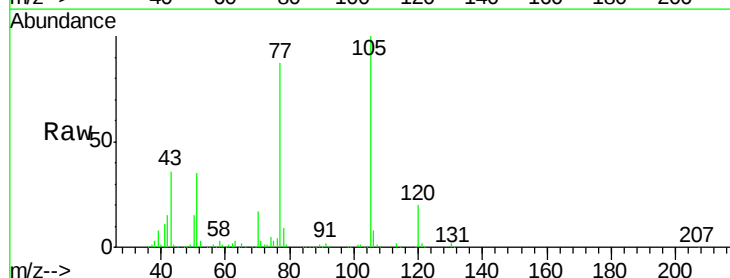
Ion Ratio Lower Upper

105 100

71 3.1 4.3 6.5#

51 34.7 22.9 34.3#

120 20.2 16.7 25.1

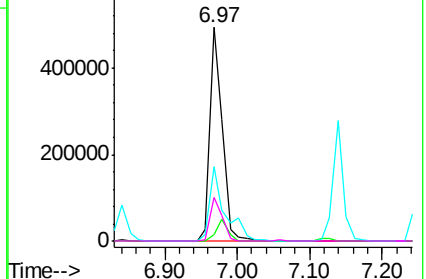
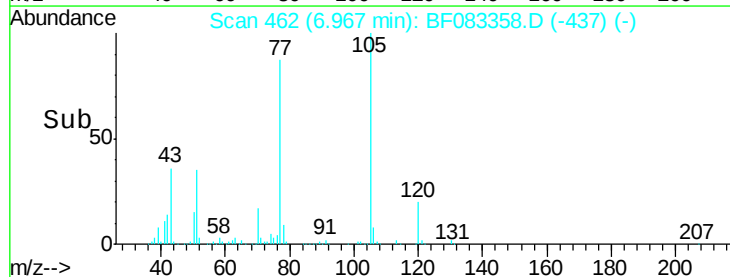


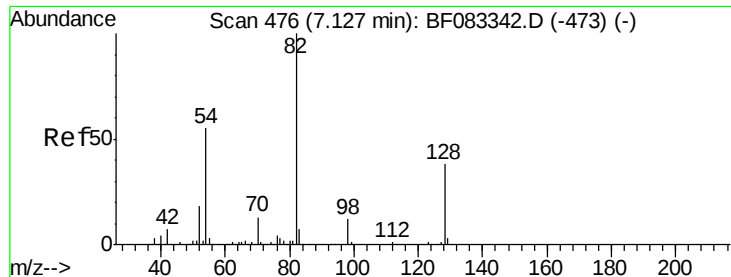
Abundance Ion 105.00 (104.70 to 105.70): E

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

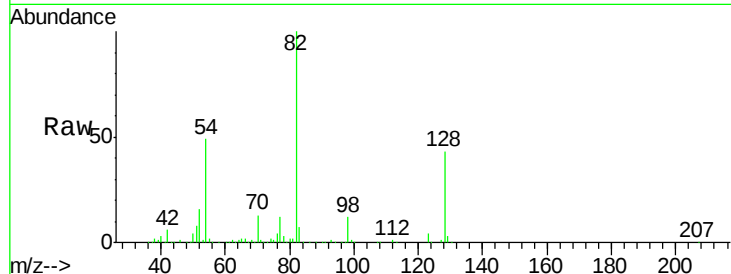




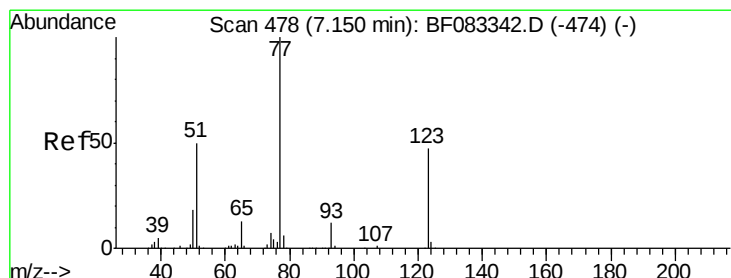
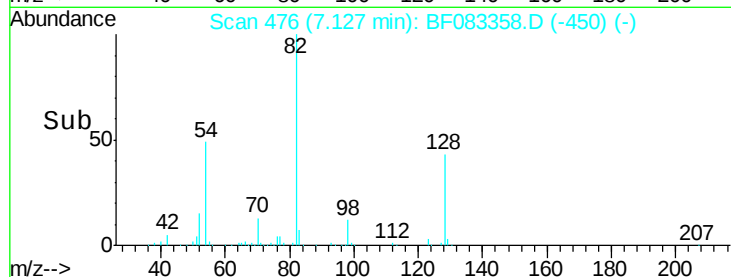
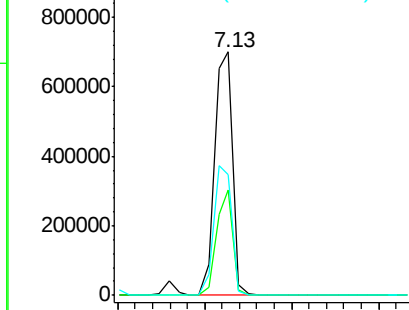
#23
 Nitrobenzene-d5
 Concen: 70.31 ng
 RT: 7.13 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

Tgt Ion: 82 Resp: 1019278
 Ion Ratio Lower Upper
 82 100
 128 43.1 30.6 46.0
 54 49.5 43.8 65.6

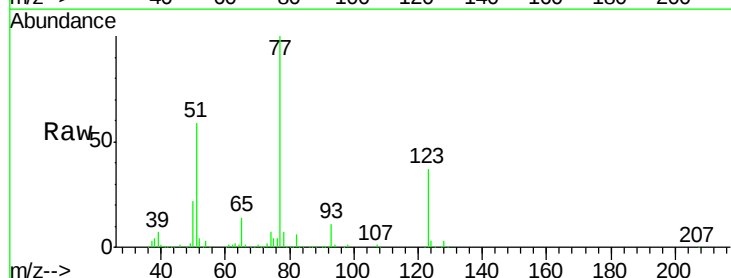


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

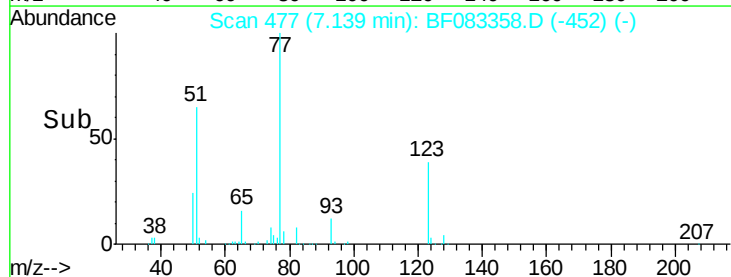
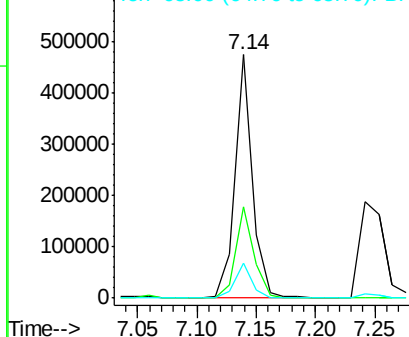


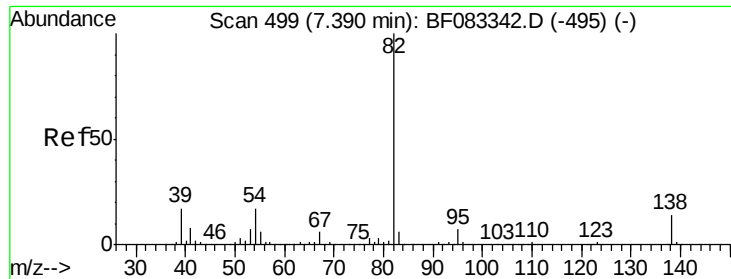
#24
 Nitrobenzene
 Concen: 30.90 ng
 RT: 7.14 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion: 77 Resp: 478315
 Ion Ratio Lower Upper
 77 100
 123 37.3 37.4 56.0#
 65 14.3 10.6 15.8



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





#25

Isophorone

Concen: 31.47 ng

RT: 7.38 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

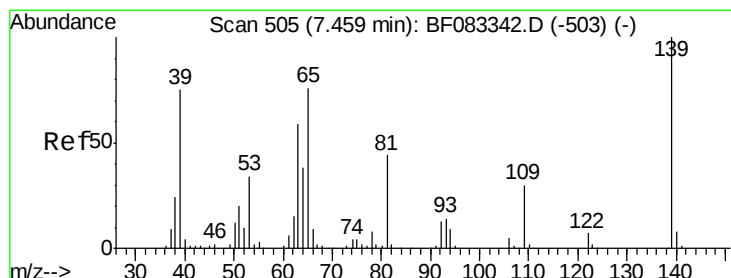
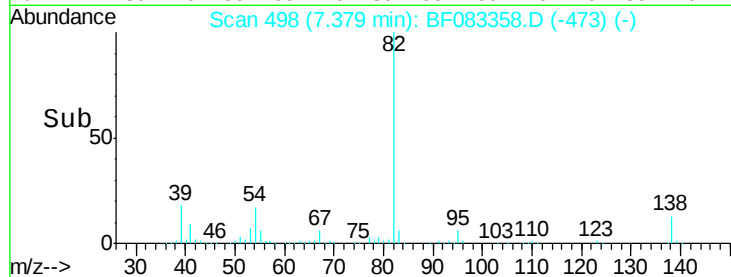
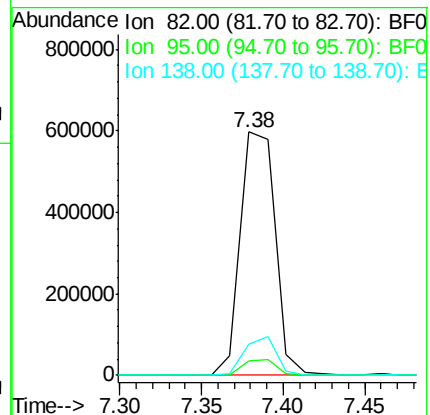
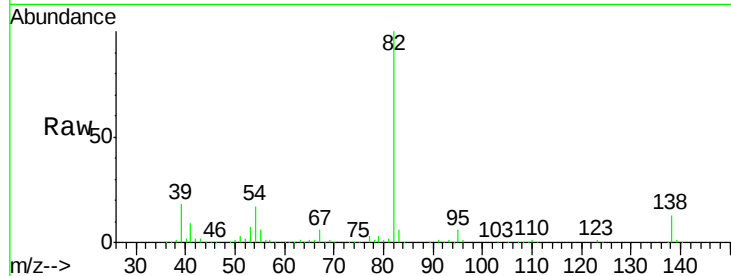
Tgt Ion: 82 Resp: 883719

Ion Ratio Lower Upper

82 100

95 6.2 5.3 7.9

138 13.0 11.6 17.4



#26

2-Nitrophenol

Concen: 32.40 ng

RT: 7.46 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

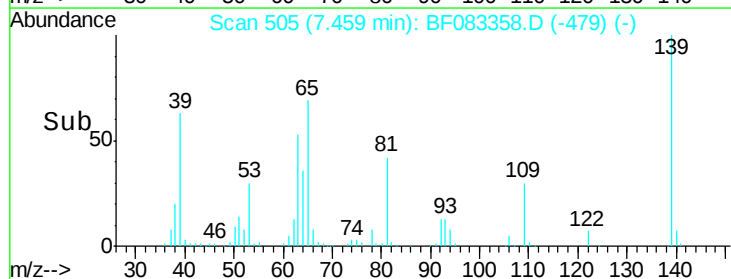
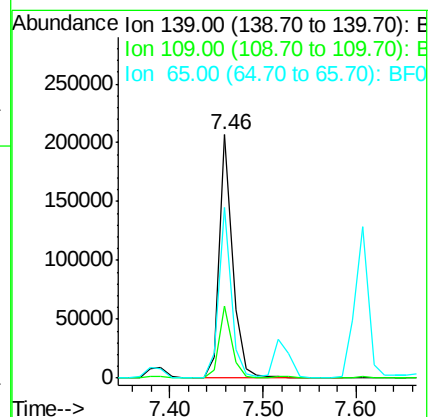
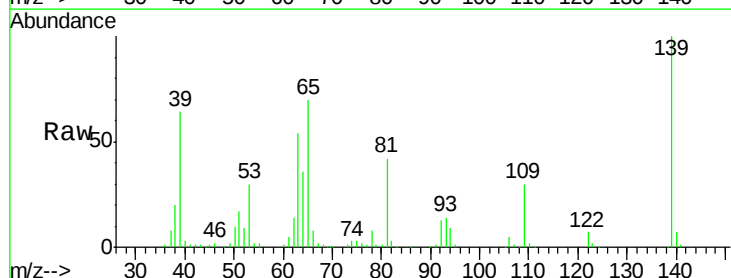
Tgt Ion: 139 Resp: 204723

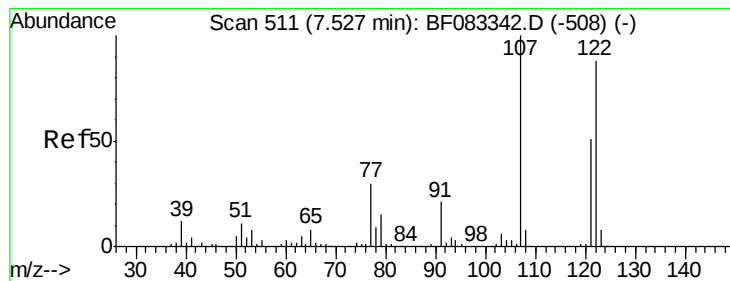
Ion Ratio Lower Upper

139 100

109 29.6 24.2 36.4

65 69.9 61.0 91.6





#27

2,4-Dimethylphenol

Concen: 33.83 ng

RT: 7.53 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

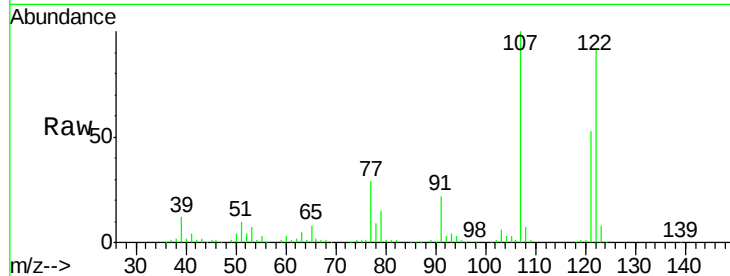
Tgt Ion:122 Resp: 358372

Ion Ratio Lower Upper

122 100

107 108.2 91.2 136.8

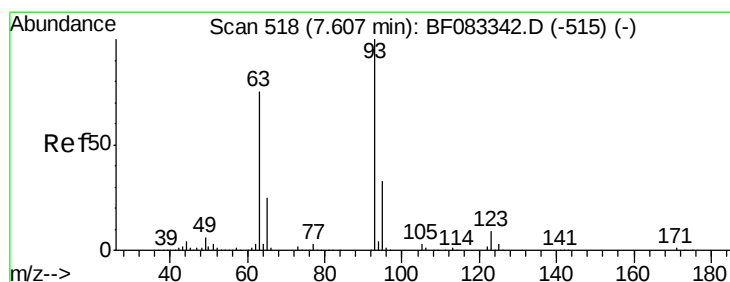
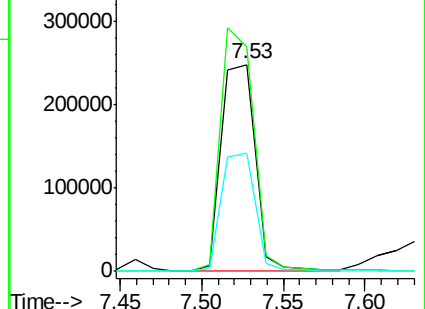
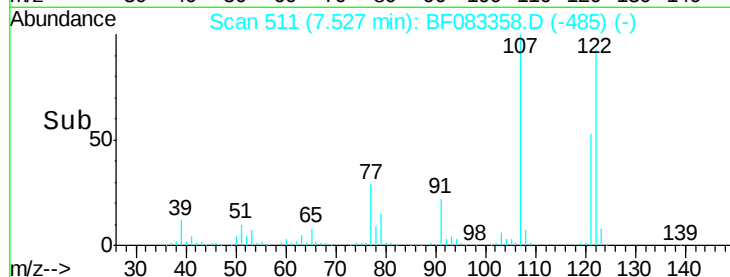
121 56.9 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.84 ng

RT: 7.61 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

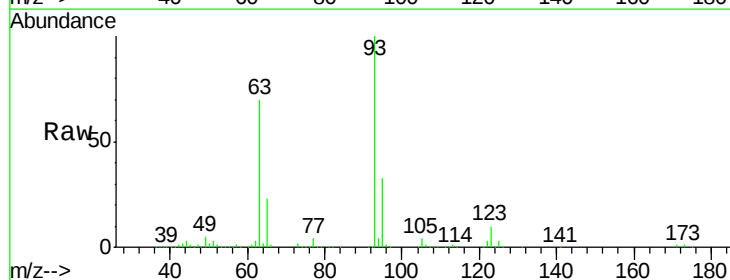
Tgt Ion: 93 Resp: 557202

Ion Ratio Lower Upper

93 100

95 33.5 26.1 39.1

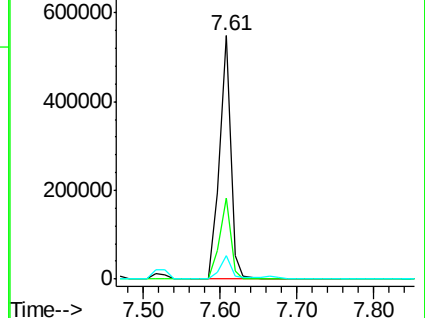
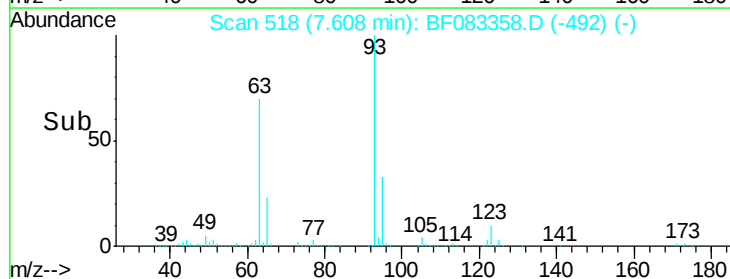
123 9.9 7.4 11.0

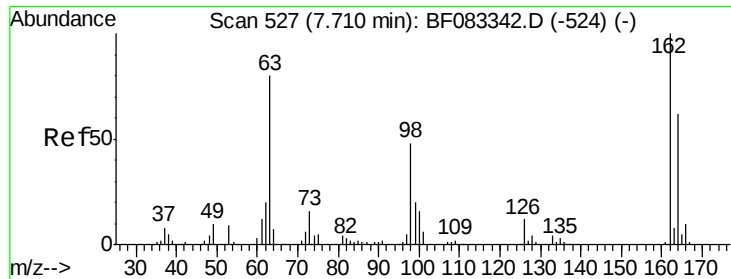


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

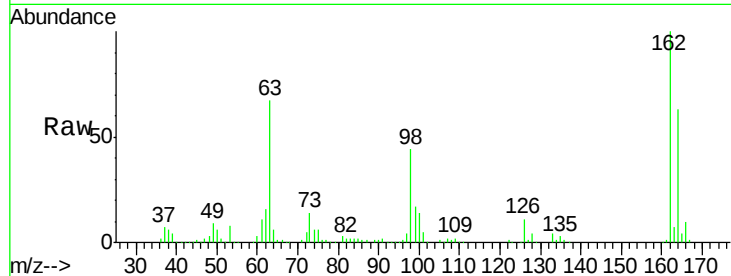




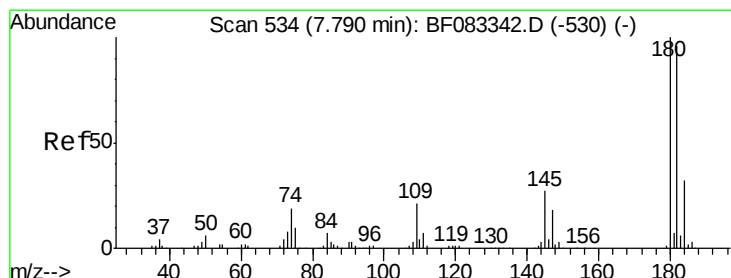
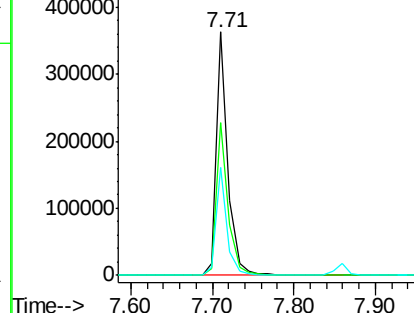
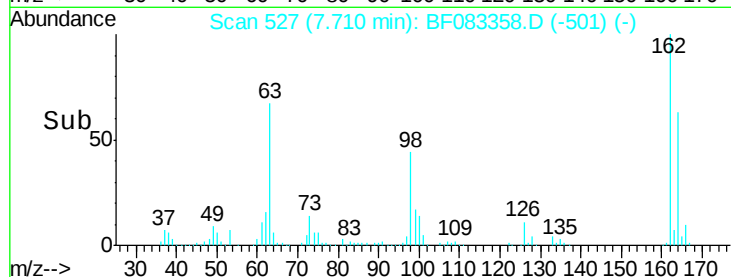
#29
 2,4-Dichlorophenol
 Concen: 35.21 ng
 RT: 7.71 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	41.9	81.9
98	44.1	28.1	68.1

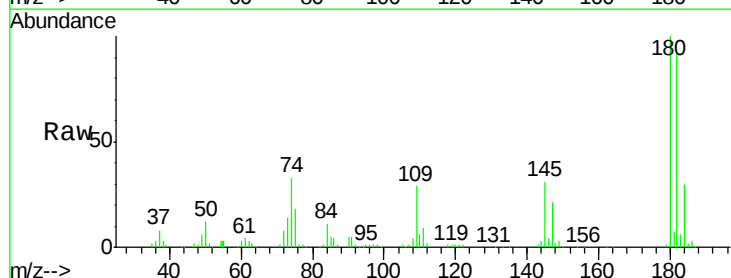


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

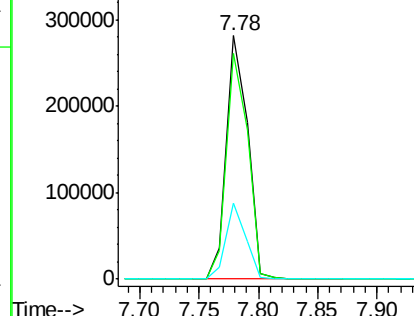
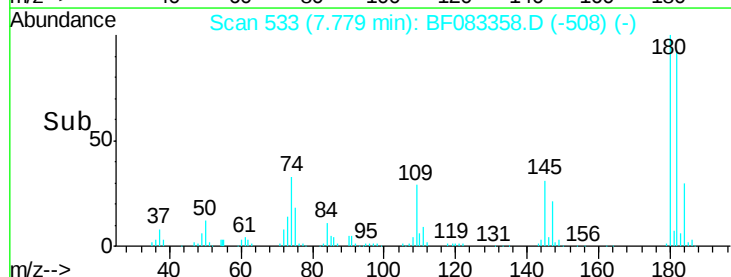


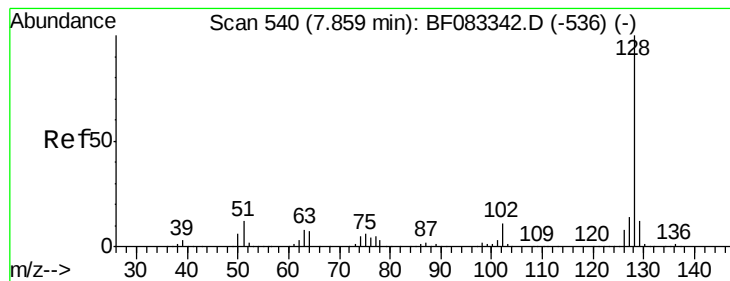
#30
 1,2,4-Trichlorobenzene
 Concen: 31.50 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	77.2	115.8
145	31.2	21.4	32.2



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





#31

Naphthalene

Concen: 33.22 ng

RT: 7.86 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

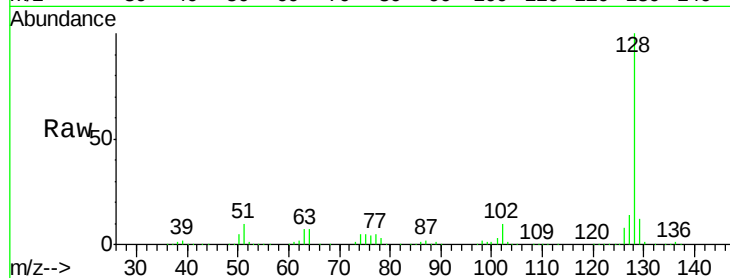
Tgt Ion:128 Resp: 1148505

Ion Ratio Lower Upper

128 100

129 11.6 9.7 14.5

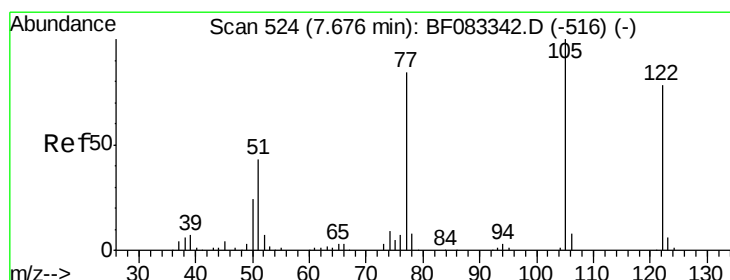
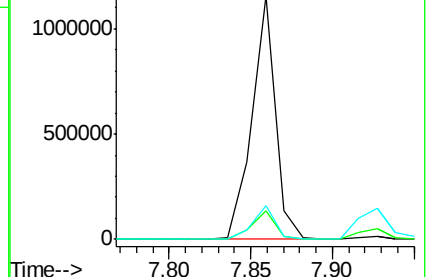
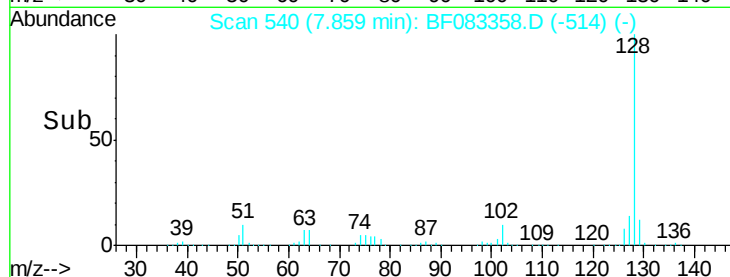
127 13.7 11.0 16.4



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: 31.60 ng

RT: 7.66 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

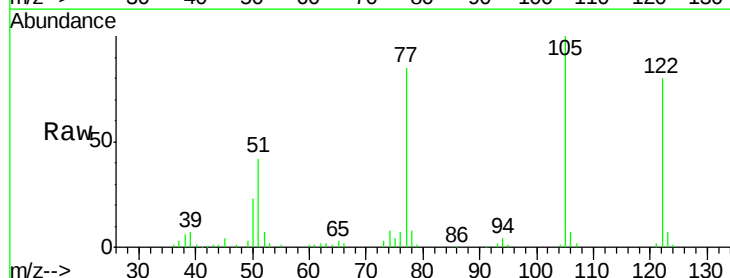
Tgt Ion:122 Resp: 230857

Ion Ratio Lower Upper

122 100

105 125.6 106.0 146.0

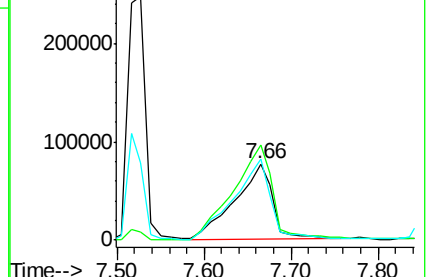
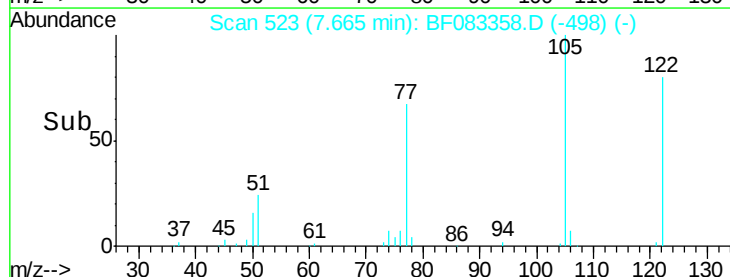
77 106.7 86.3 126.3

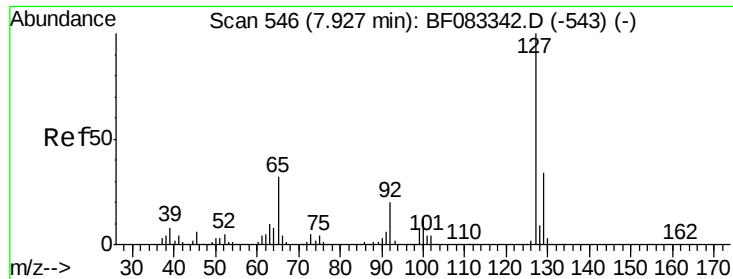


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

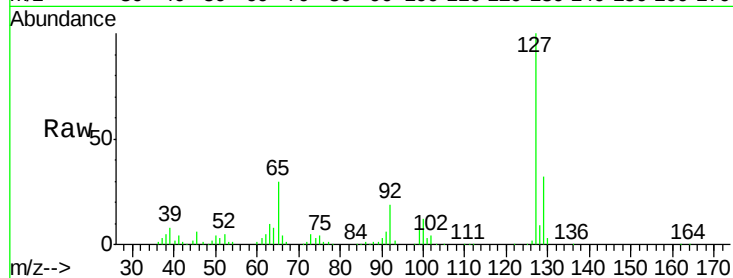




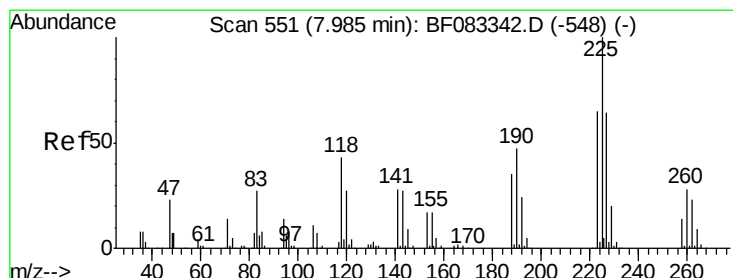
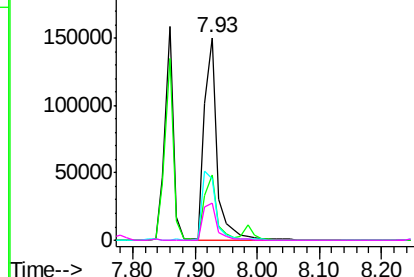
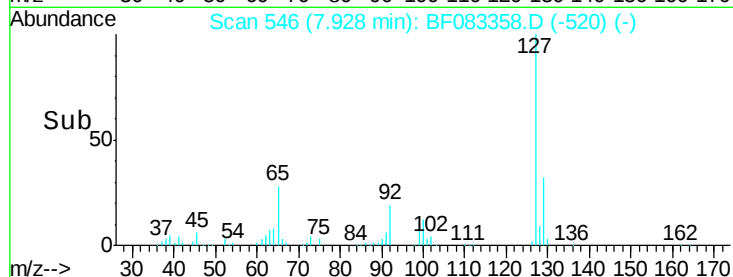
#33
4-Chloroaniline
Concen: 14.60 ng
RT: 7.93 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
PB86903BS

Tgt Ion:	127	Resp:	217555
Ion	Ratio	Lower	Upper
127	100		
129	32.2	27.0	40.4
65	30.2	25.9	38.9
92	18.6	15.8	23.8

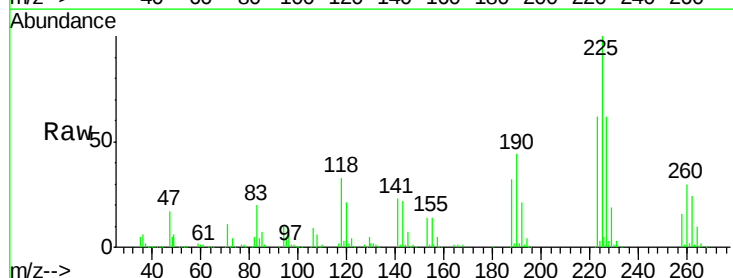


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

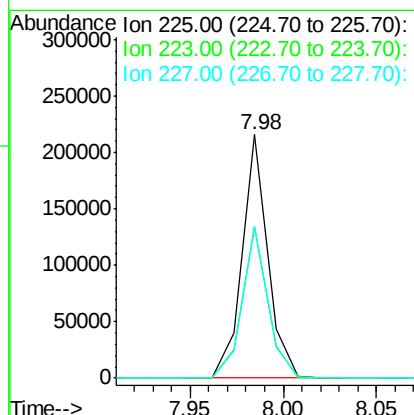
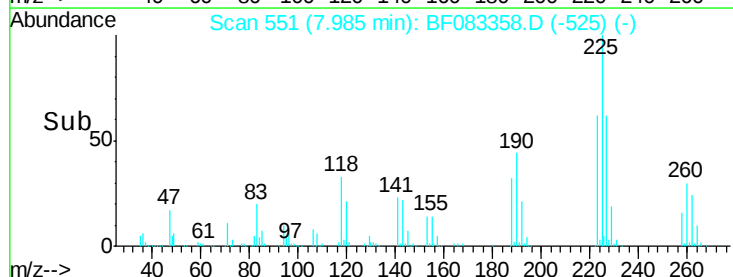


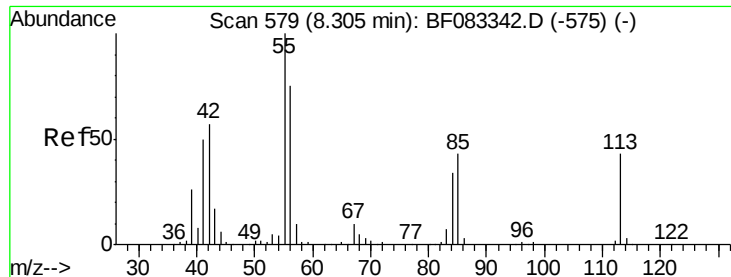
#34
Hexachlorobutadiene
Concen: 32.79 ng
RT: 7.98 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Tgt Ion:	225	Resp:	206482
Ion	Ratio	Lower	Upper
225	100		
223	62.2	52.0	78.0
227	62.3	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

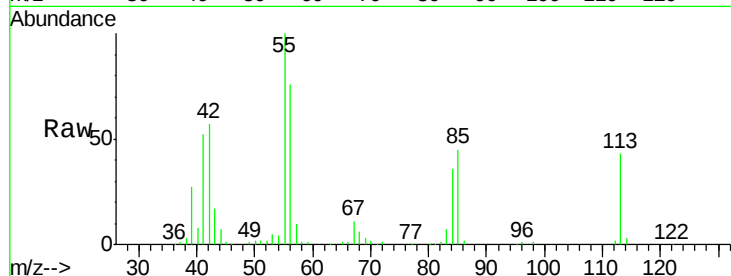




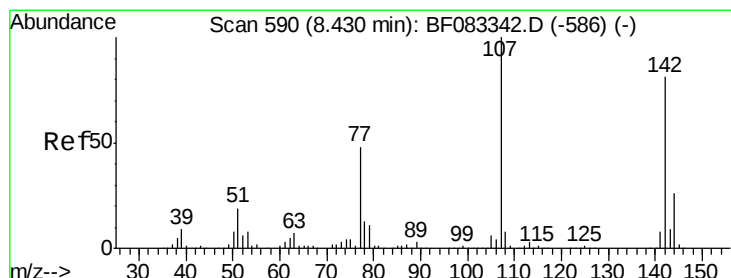
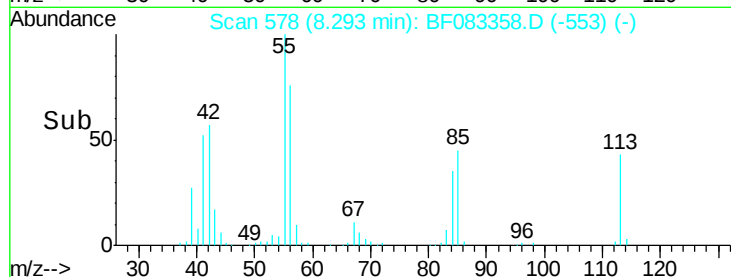
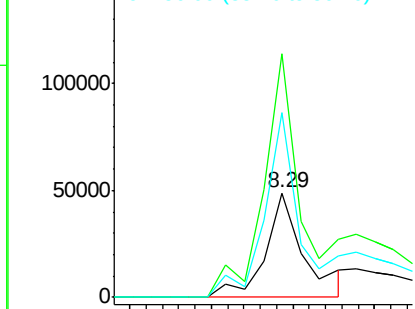
#35
 Caprolactam
 Concen: 25.09 ng
 RT: 8.29 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Instrument :
 BNA_F
 ClientSampled :
 PB86903BS

Tgt Ion:113 Resp: 80775
 Ion Ratio Lower Upper
 113 100
 55 232.6 211.6 251.6
 56 176.8 153.0 193.0

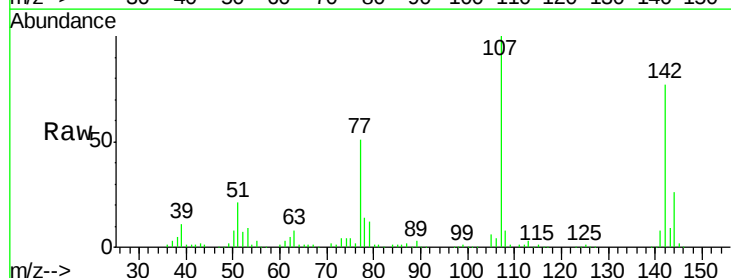


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

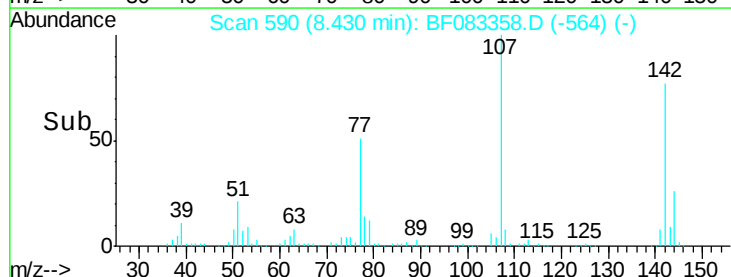
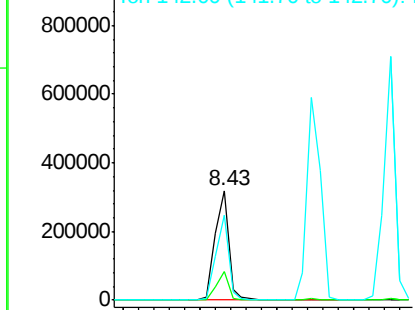


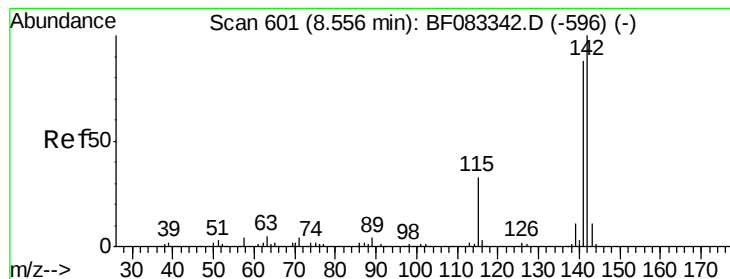
#36
 4-Chloro-3-methylphenol
 Concen: 34.42 ng
 RT: 8.43 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion:107 Resp: 393317
 Ion Ratio Lower Upper
 107 100
 144 25.8 21.1 31.7
 142 77.4 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

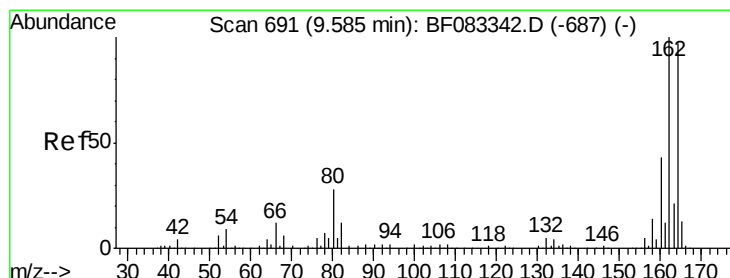
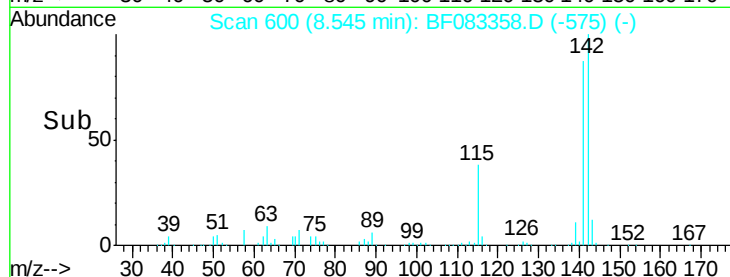
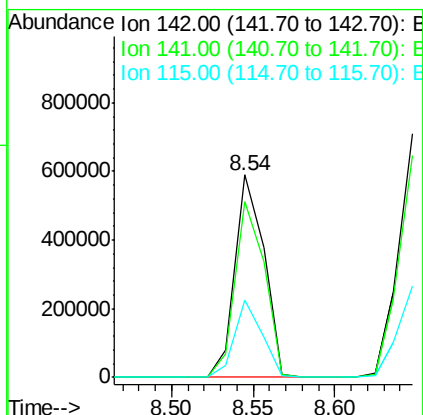
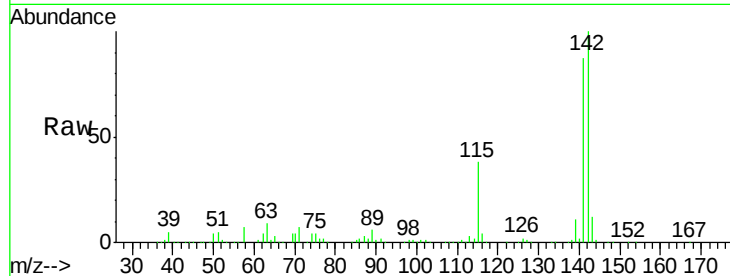




#37
 2-Methylnaphthalene
 Concen: 31.39 ng
 RT: 8.54 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

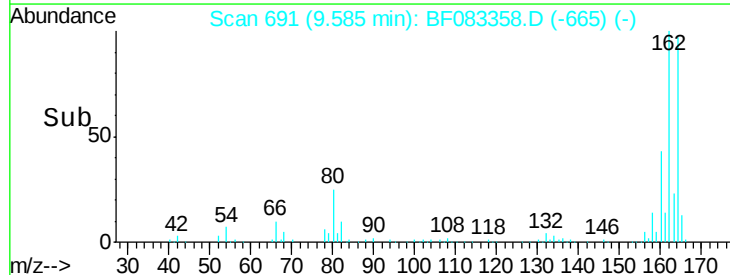
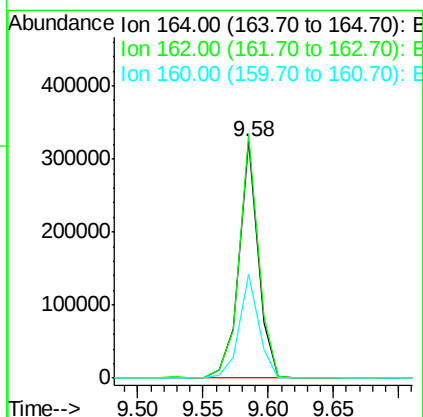
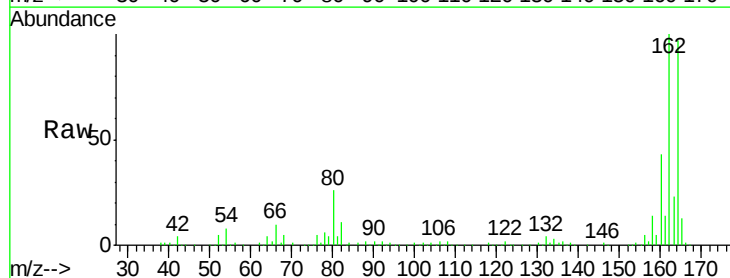
Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

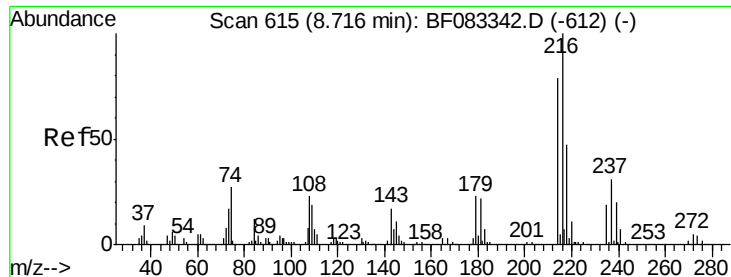
Tgt Ion:142 Resp: 725262
 Ion Ratio Lower Upper
 142 100
 141 86.7 70.6 105.8
 115 38.3 26.2 39.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion:164 Resp: 330676
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.6 123.8
 160 43.8 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.89 ng

RT: 8.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

Tgt Ion:216 Resp: 344771

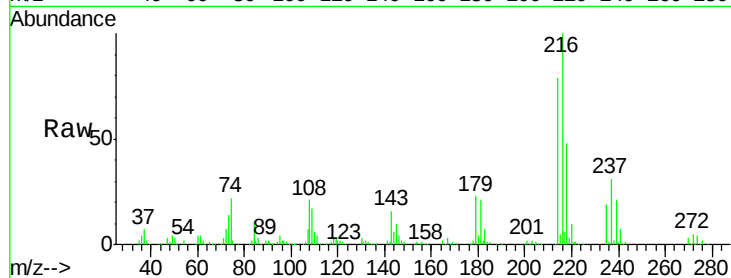
Ion Ratio Lower Upper

216 100

214 78.7 62.3 93.5

179 21.9 17.0 25.4

108 22.9 16.7 25.1

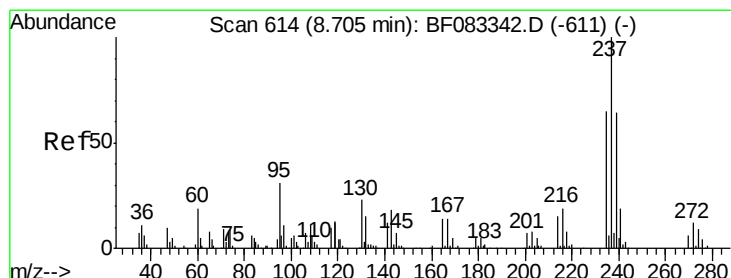
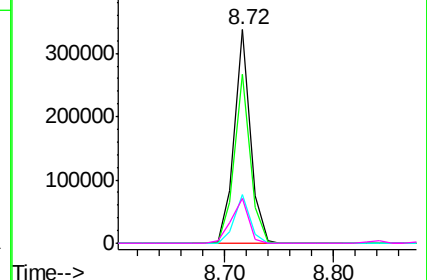
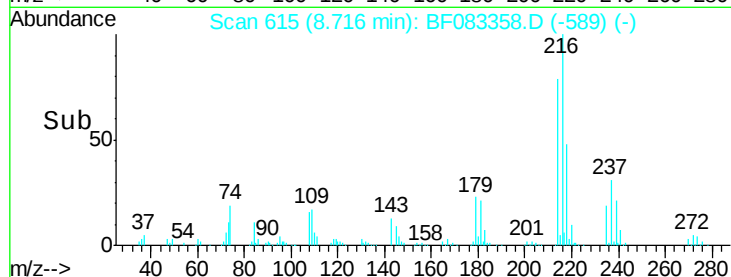


Abundance Ion 216.00 (215.70 to 216.70): E

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: 66.09 ng

RT: 8.70 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

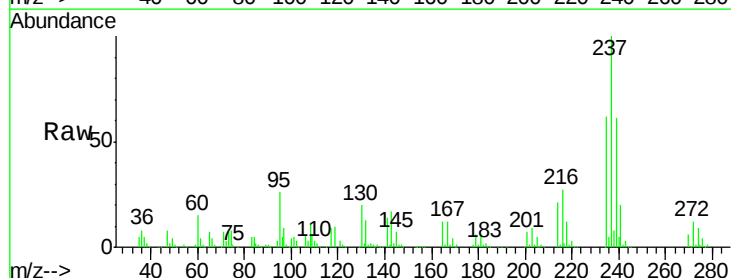
Tgt Ion:237 Resp: 329080

Ion Ratio Lower Upper

237 100

235 62.3 44.5 84.5

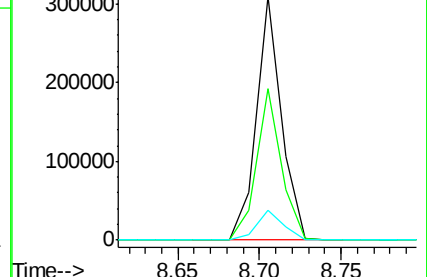
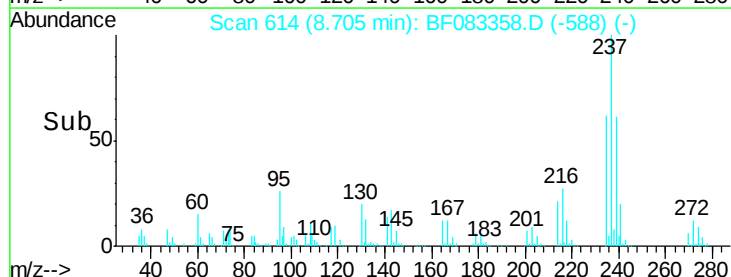
272 12.2 0.0 31.6

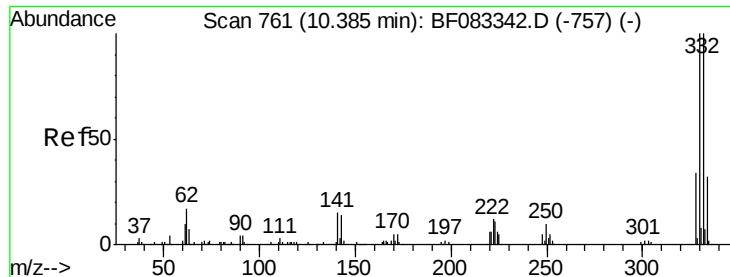


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

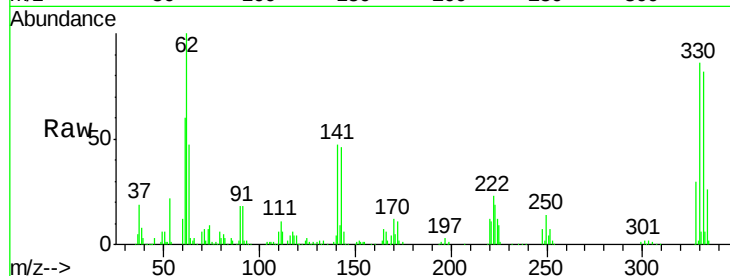




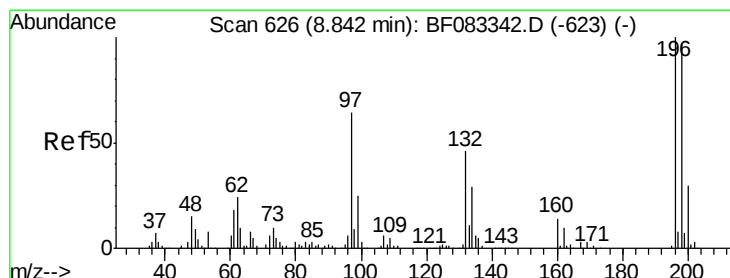
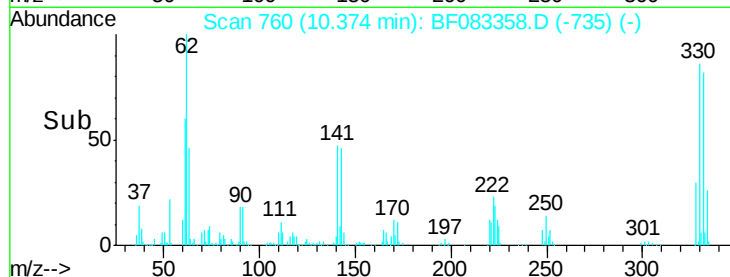
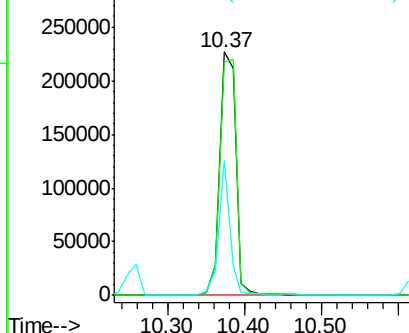
#41
 2,4,6-Tribromophenol
 Concen: 101.97 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

Tgt Ion:330 Resp: 338484
 Ion Ratio Lower Upper
 330 100
 332 99.4 77.8 116.6
 141 37.6 29.4 44.0

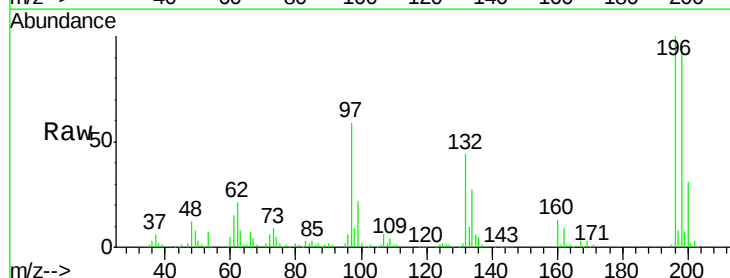


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

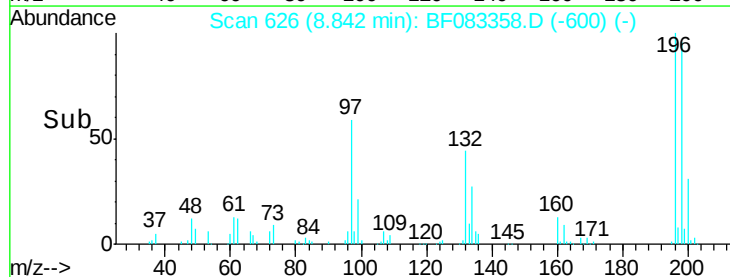
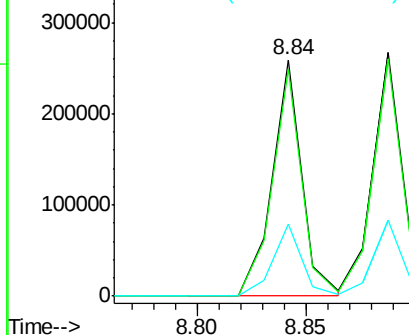


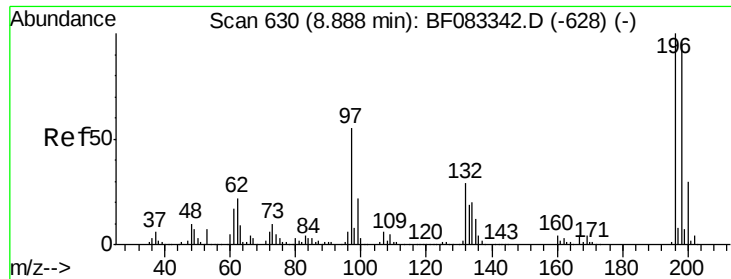
#42
 2,4,6-Trichlorophenol
 Concen: 33.87 ng
 RT: 8.84 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion:196 Resp: 249018
 Ion Ratio Lower Upper
 196 100
 198 96.3 77.2 115.8
 200 30.7 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

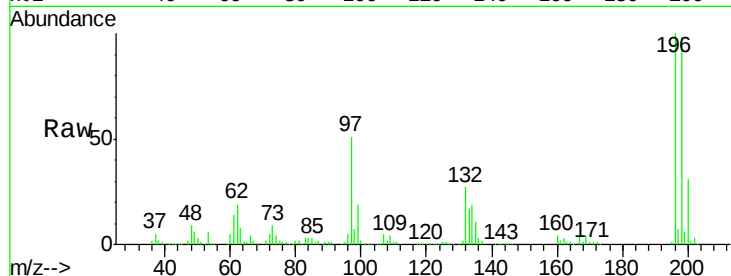




#43
 2,4,5-Trichlorophenol
 Concen: 34.71 ng
 RT: 8.89 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

Tgt Ion	Resp	Lower	Upper
196	264429		
198	97.6	77.2	115.8
97	51.3	44.4	66.6
132	27.4	23.2	34.8



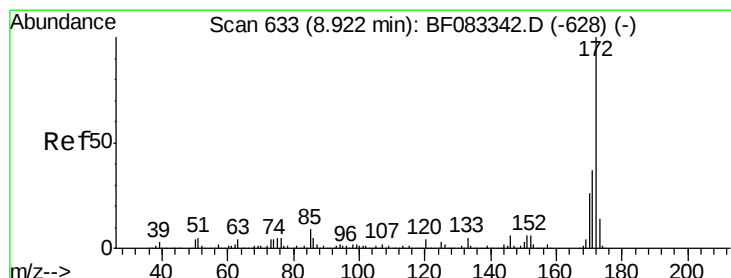
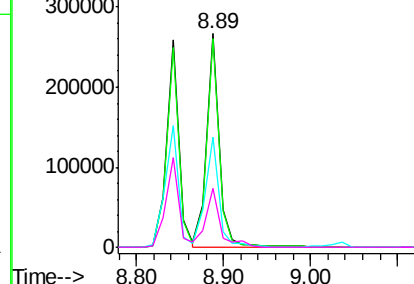
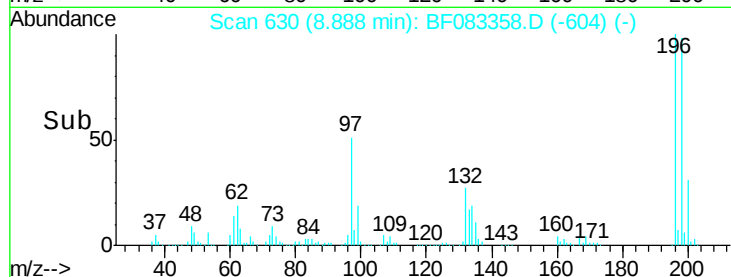
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

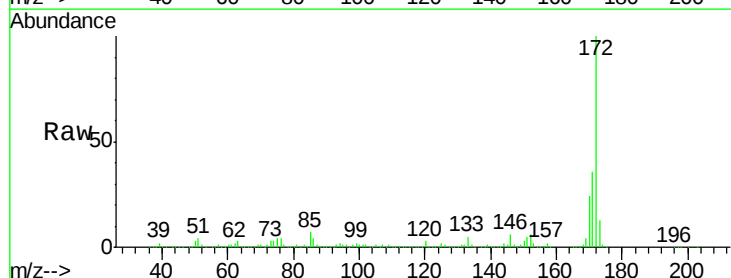
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.93 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion	Resp	Lower	Upper
172	1669113		
171	36.4	29.4	44.0
170	24.3	20.4	30.6

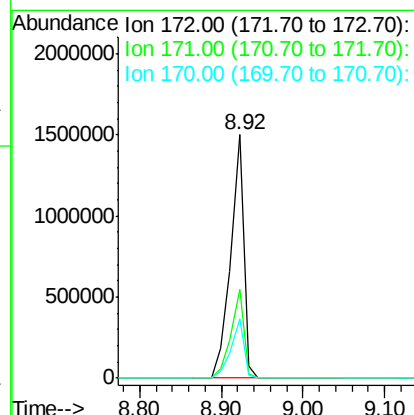
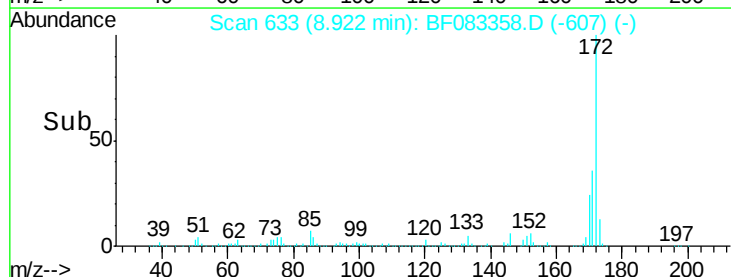


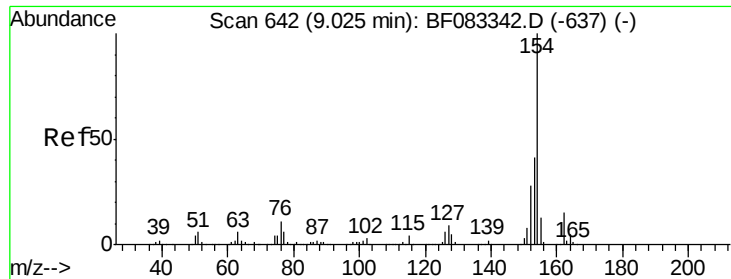
Abundance

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: 30.13 ng

RT: 9.01 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

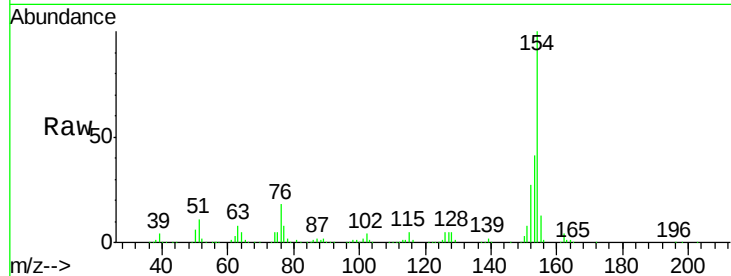
Tgt Ion:154 Resp: 873584

Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

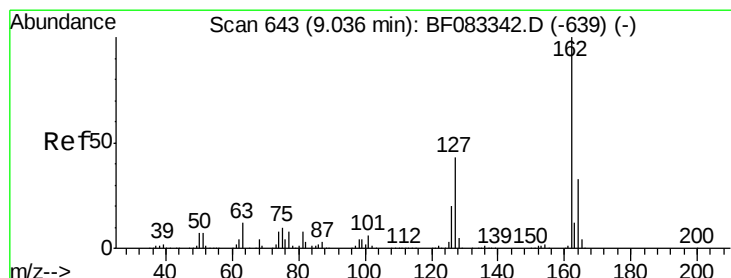
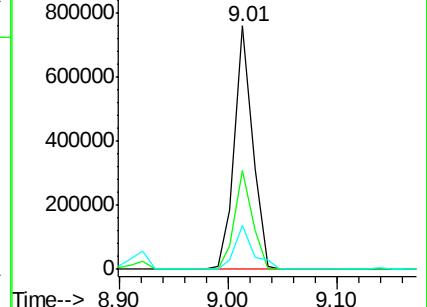
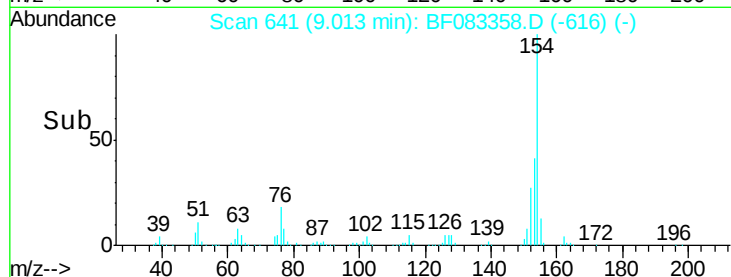
76 17.8 0.0 30.5



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: 33.86 ng

RT: 9.04 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

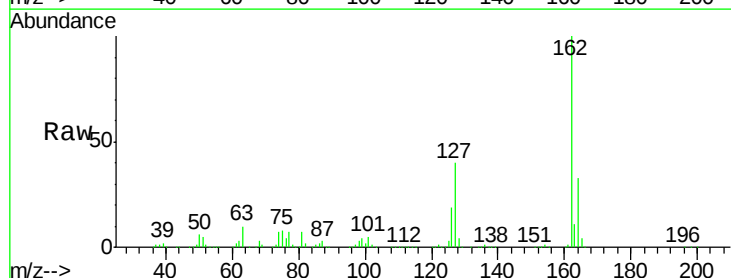
Tgt Ion:162 Resp: 748234

Ion Ratio Lower Upper

162 100

127 40.0 34.1 51.1

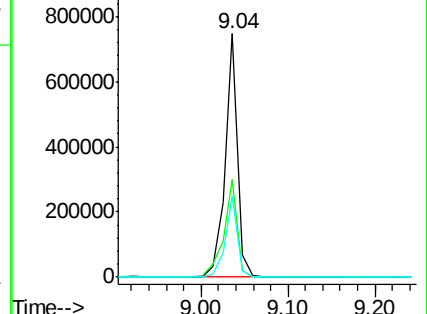
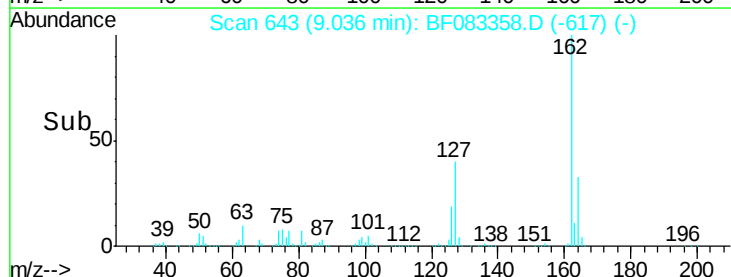
164 33.3 26.6 39.8

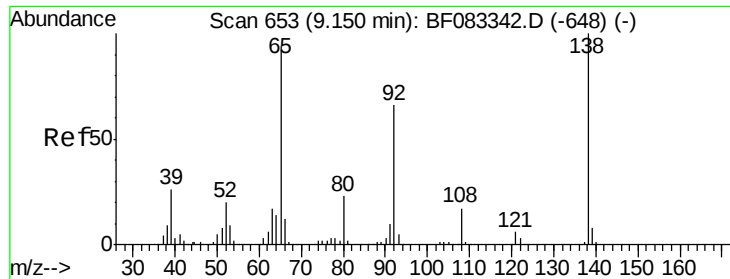


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

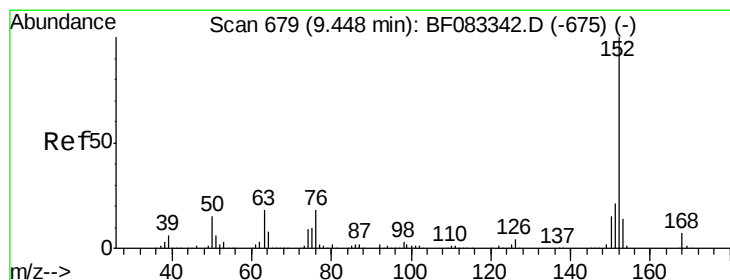
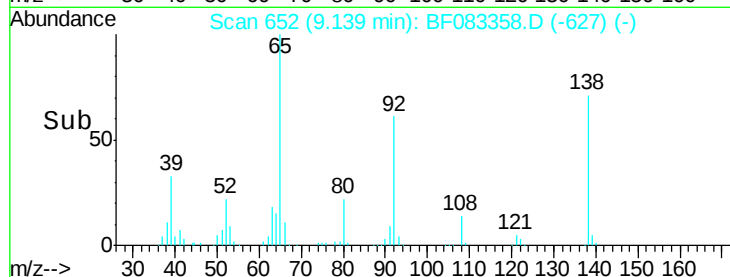
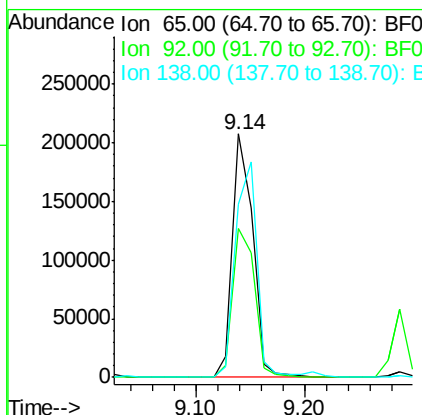
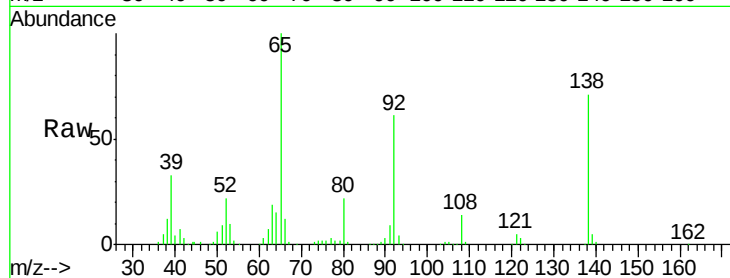




#47
2-Nitroaniline
Concen: 30.59 ng
RT: 9.14 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

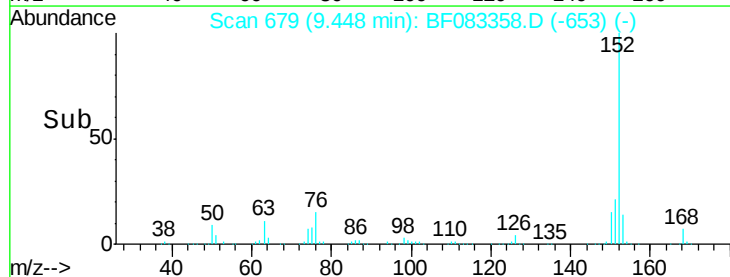
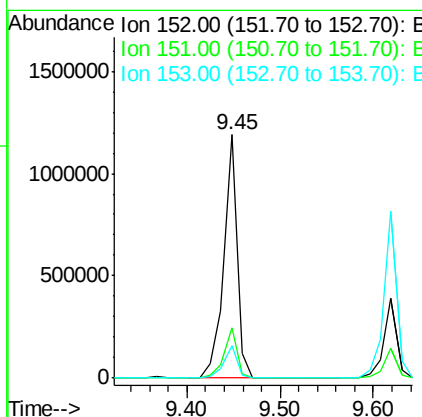
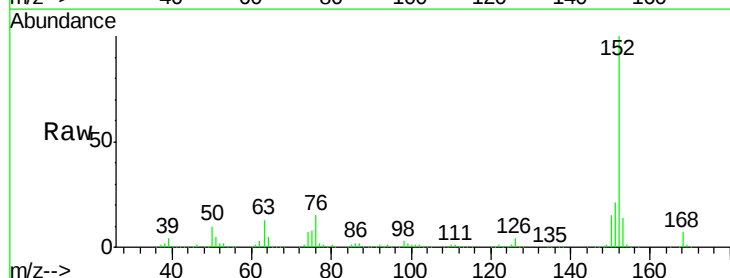
Instrument :
BNA_F
ClientSampleId :
PB86903BS

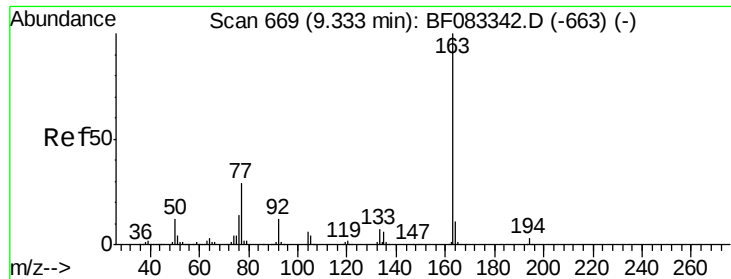
Tgt Ion: 65 Resp: 267745
Ion Ratio Lower Upper
65 100
92 61.0 56.2 84.4
138 71.0 85.4 128.0#



#48
Acenaphthylene
Concen: 33.51 ng
RT: 9.45 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Tgt Ion: 152 Resp: 1181227
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1
153 13.5 11.2 16.8





#49

Dimethylphthalate

Concen: 33.20 ng

RT: 9.33 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

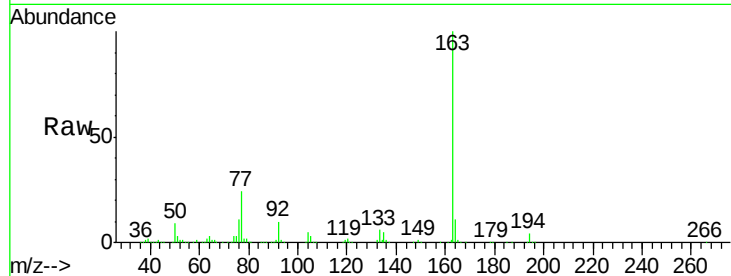
Tgt Ion:163 Resp: 892254

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

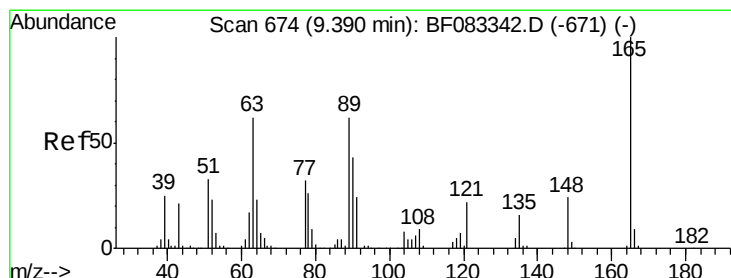
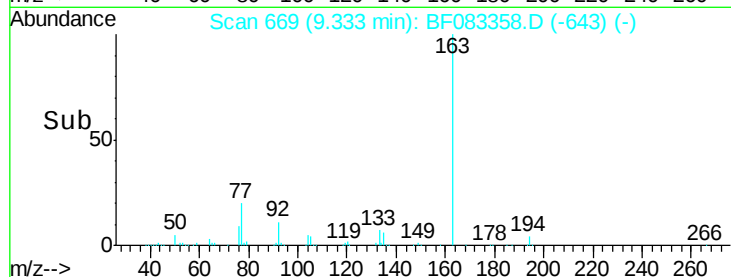
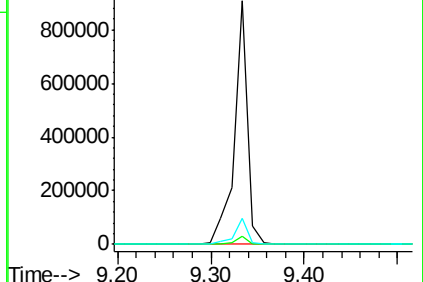
164 10.6 8.8 13.2



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: 35.38 ng

RT: 9.39 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

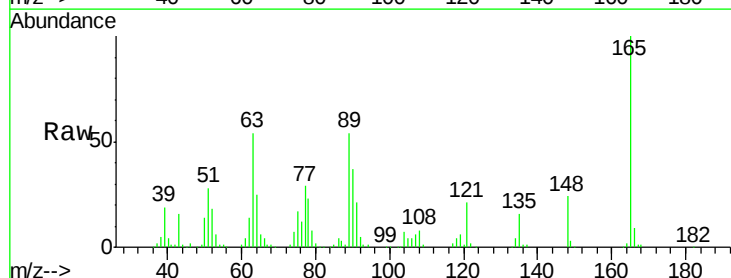
Tgt Ion:165 Resp: 203025

Ion Ratio Lower Upper

165 100

63 54.2 56.0 84.0#

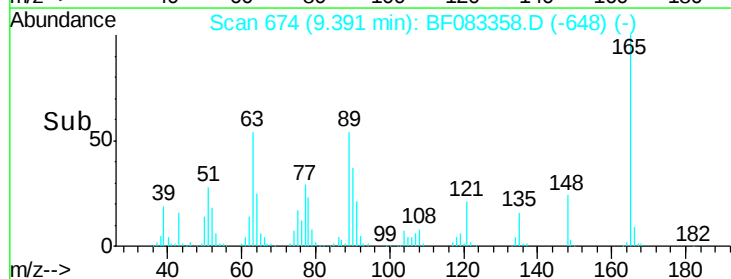
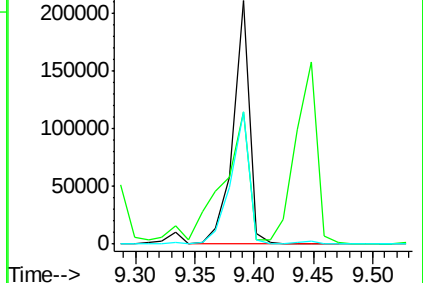
89 54.4 49.8 74.8

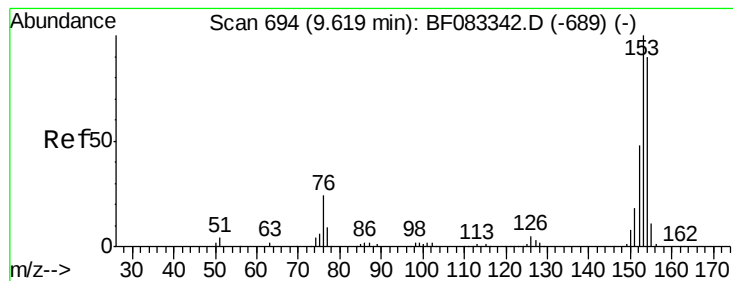


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.57 ng

RT: 9.62 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

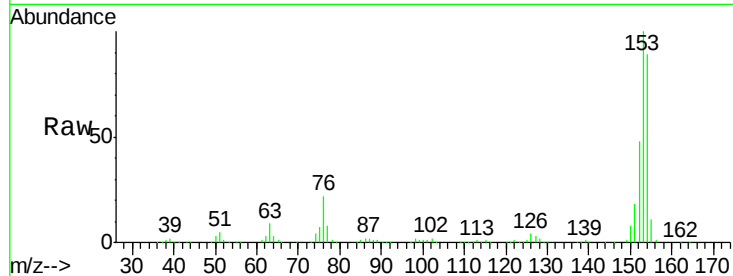
Tgt Ion:154 Resp: 695940

Ion Ratio Lower Upper

154 100

153 112.3 89.3 133.9

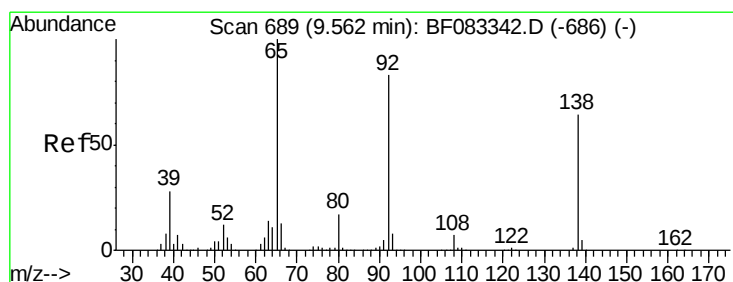
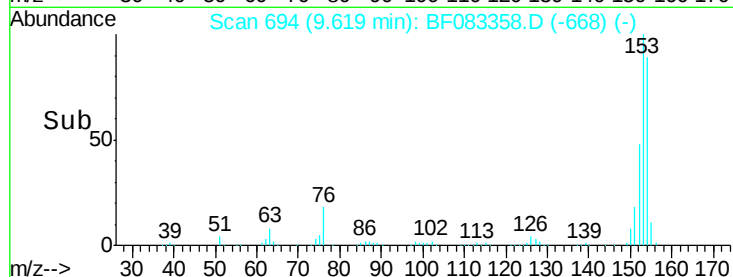
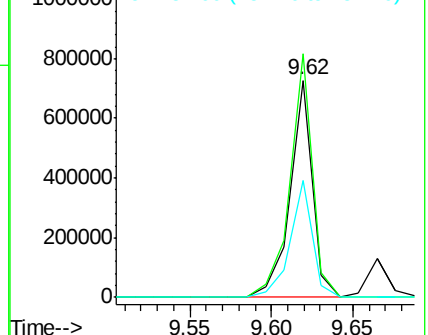
152 54.1 42.5 63.7



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: 17.83 ng

RT: 9.56 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

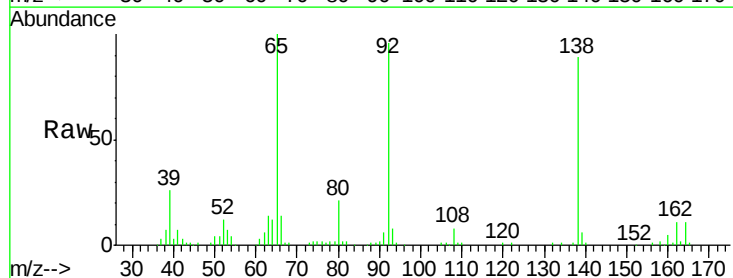
Tgt Ion:138 Resp: 119916

Ion Ratio Lower Upper

138 100

108 8.5 8.4 12.6

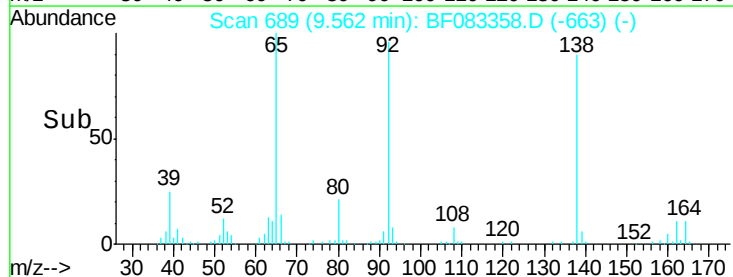
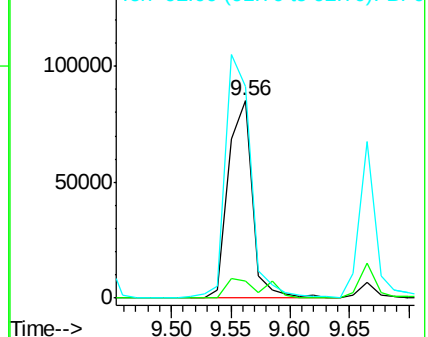
92 107.4 104.2 156.4

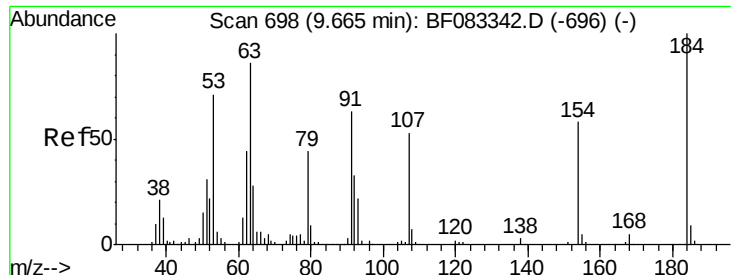


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

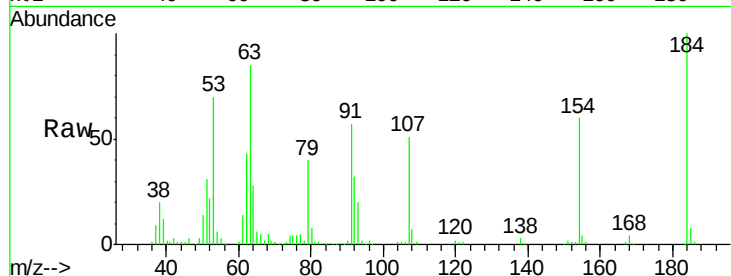




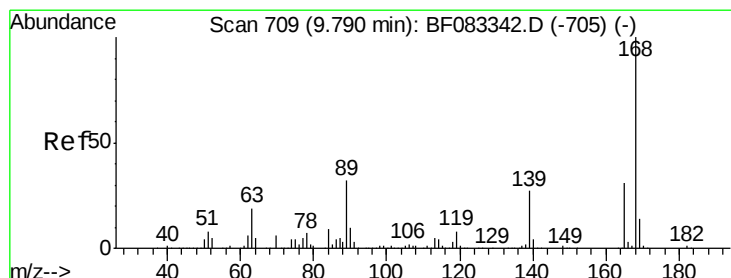
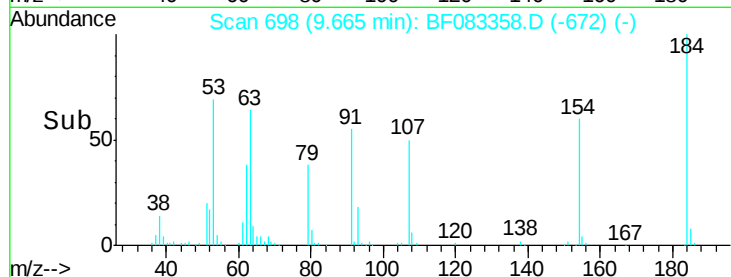
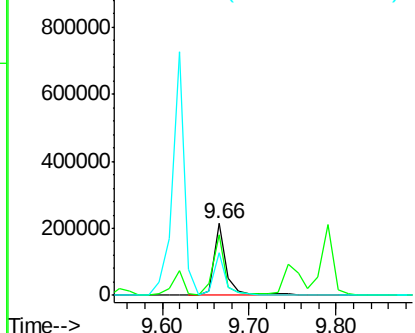
#53
2,4-Dinitrophenol
Concen: 63.81 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleID :
PB86903BS

Tgt Ion:184 Resp: 218446
Ion Ratio Lower Upper
184 100
63 85.3 69.0 103.6
154 60.2 50.0 75.0

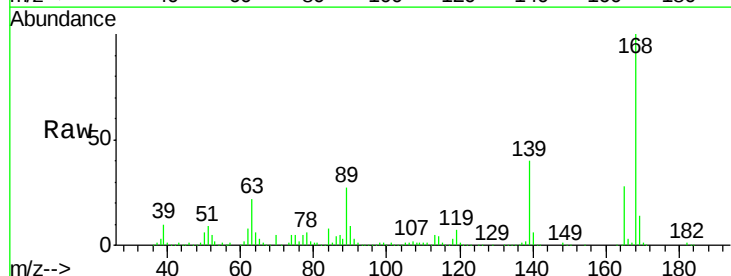


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

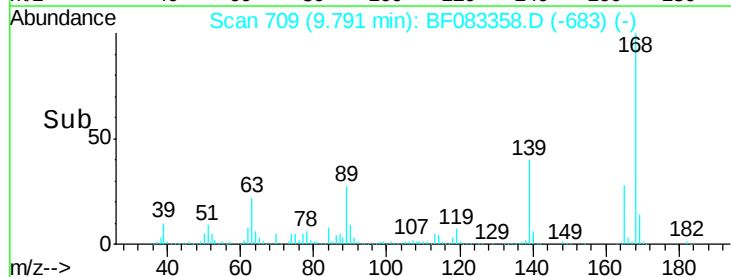
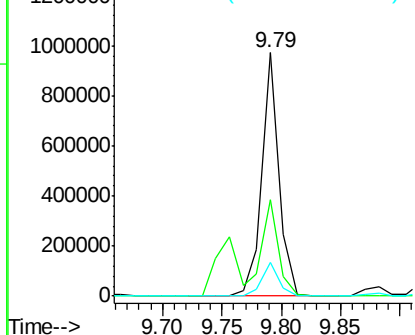


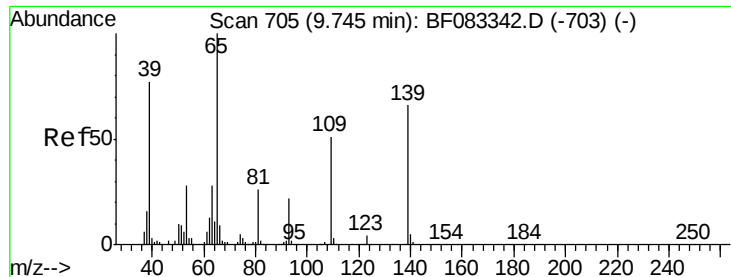
#54
Dibenzofuran
Concen: 32.57 ng
RT: 9.79 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Tgt Ion:168 Resp: 989536
Ion Ratio Lower Upper
168 100
139 39.6 32.7 49.1
169 13.9 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: 70.25 ng

RT: 9.76 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

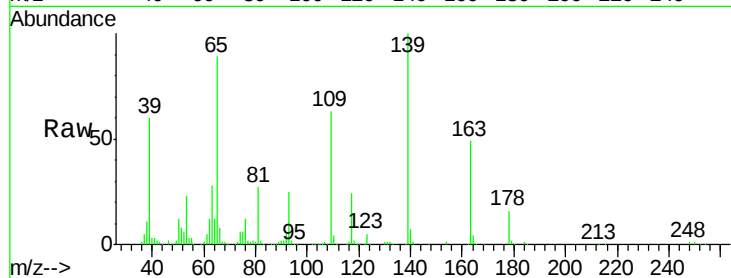
Tgt Ion:139 Resp: 295584

Ion Ratio Lower Upper

139 100

109 62.5 57.4 97.4

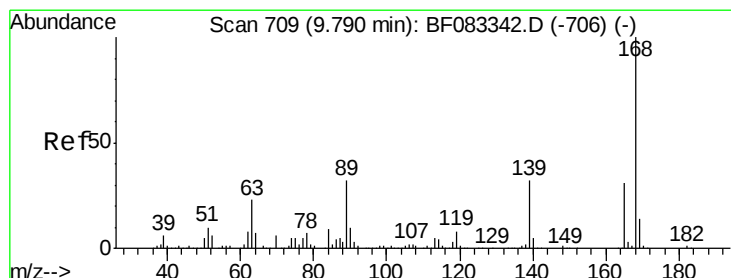
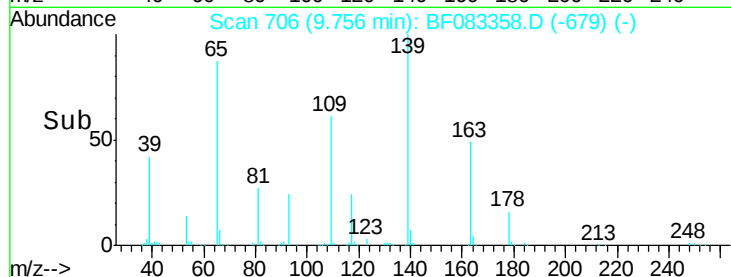
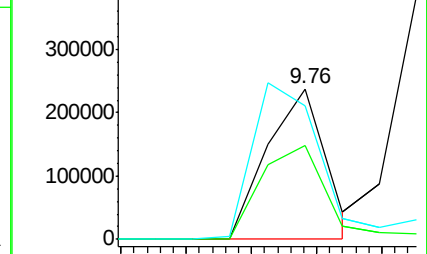
65 89.2 131.6 171.6#



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: 34.40 ng

RT: 9.79 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Tgt Ion:165 Resp: 250482

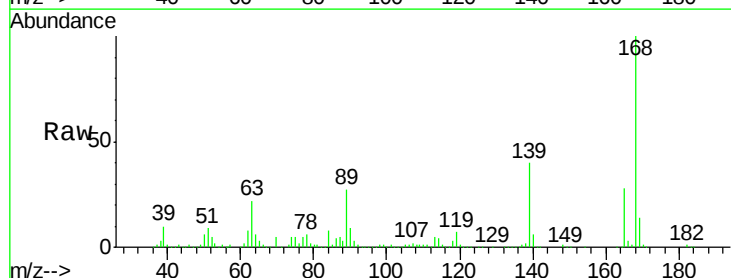
Ion Ratio Lower Upper

165 100

63 78.1 65.4 98.0

89 97.1 81.2 121.8

182 2.1 1.8 2.8

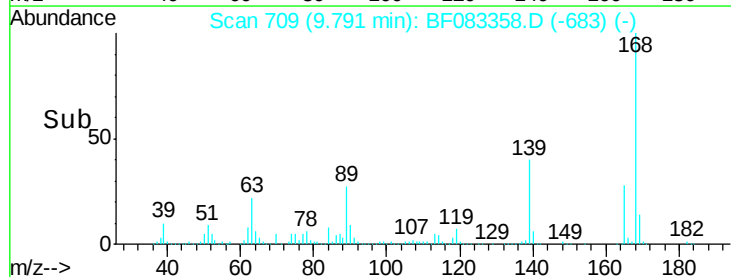
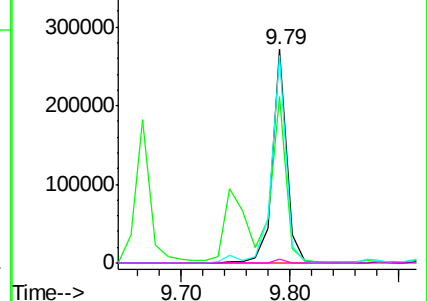


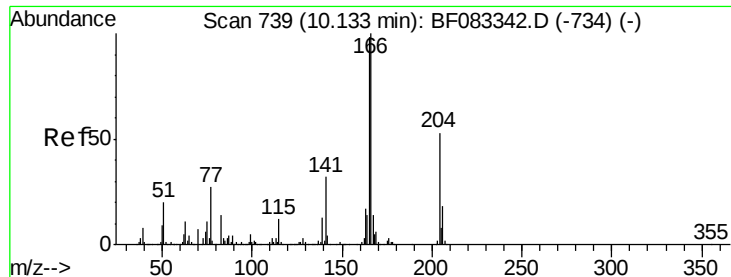
Abundance Ion 165.00 (164.70 to 165.70): E

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

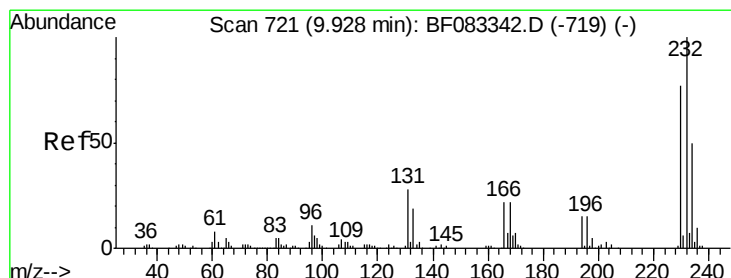
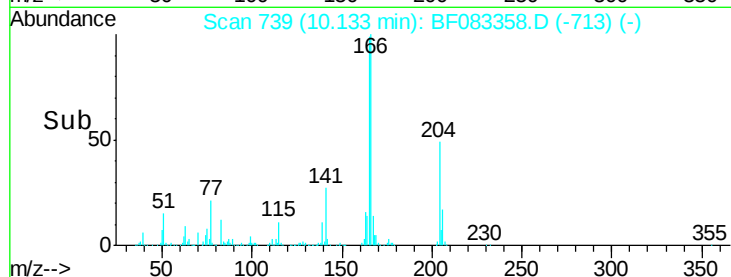
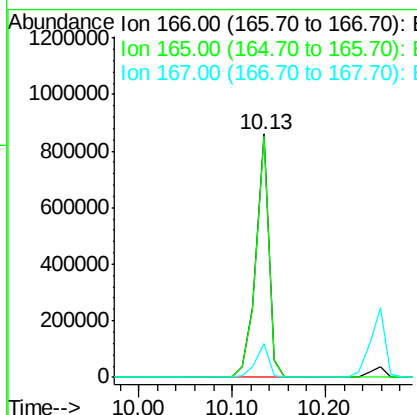
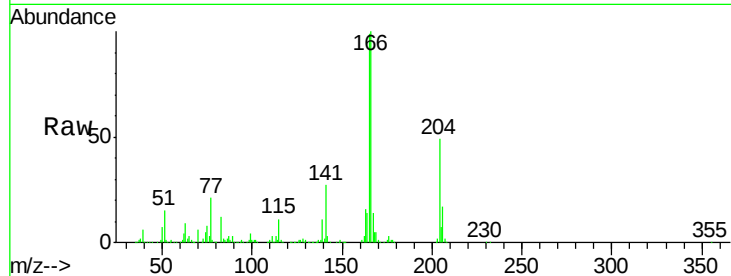




#57
Fluorene
 Concen: 34.77 ng
 RT: 10.13 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

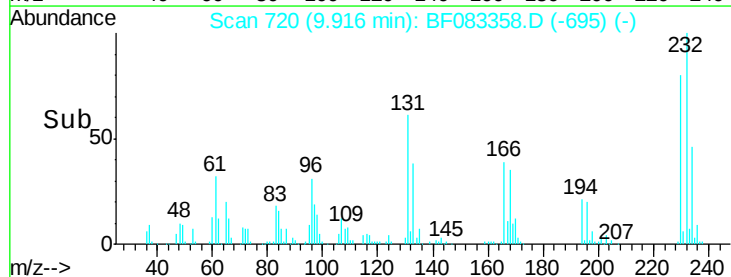
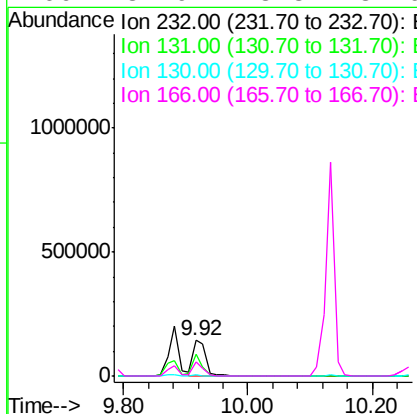
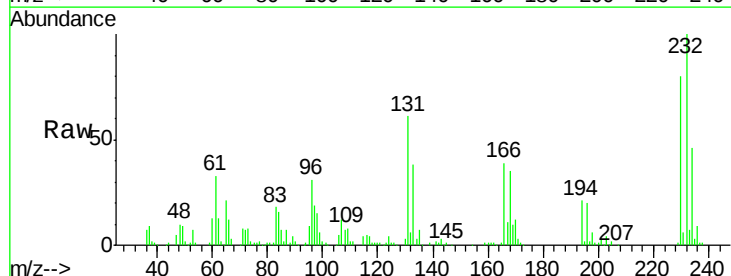
Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

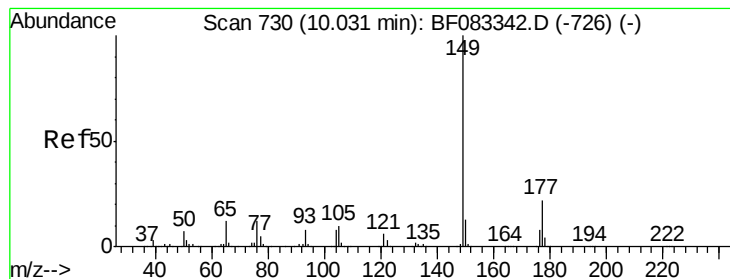
Tgt Ion:166 Resp: 834092
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.3 117.5
 167 13.9 11.1 16.7



#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.75 ng
 RT: 9.92 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion:232 Resp: 207459
 Ion Ratio Lower Upper
 232 100
 131 47.1 35.4 53.2
 130 2.1 1.7 2.5
 166 31.9 23.3 34.9





#59

Diethylphthalate

Concen: 33.61 ng

RT: 10.03 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

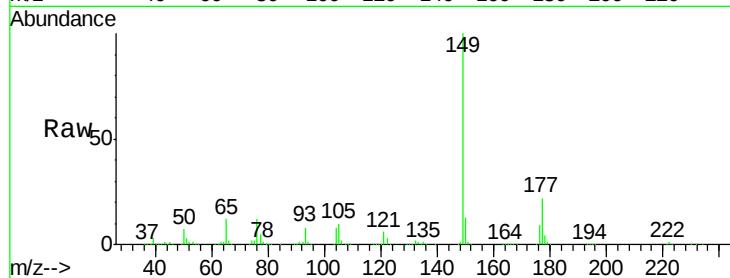
Tgt Ion:149 Resp: 860981

Ion Ratio Lower Upper

149 100

177 22.2 17.4 26.2

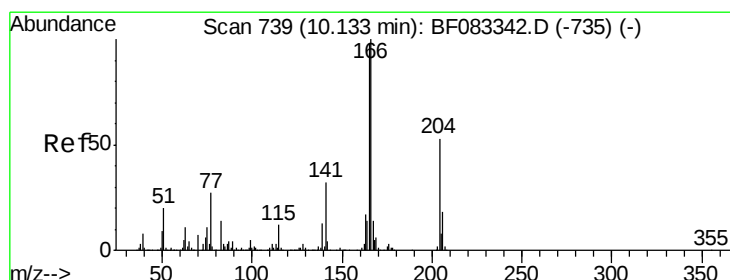
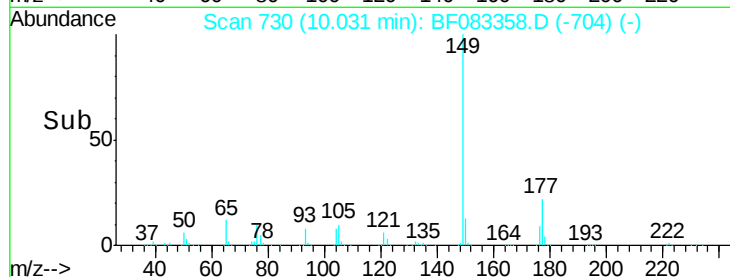
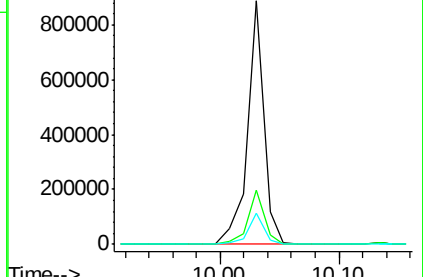
150 12.8 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.32 ng

RT: 10.13 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

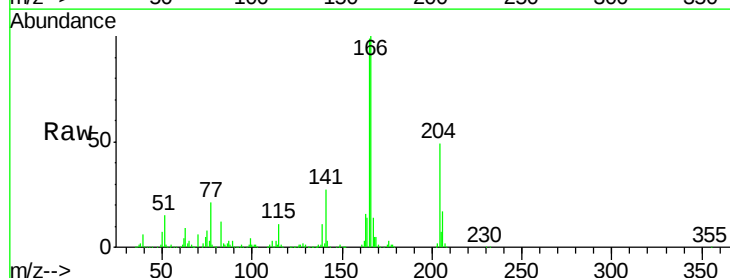
Tgt Ion:204 Resp: 389312

Ion Ratio Lower Upper

204 100

206 34.7 27.5 41.3

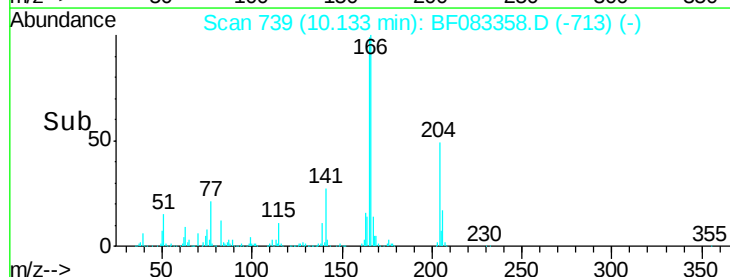
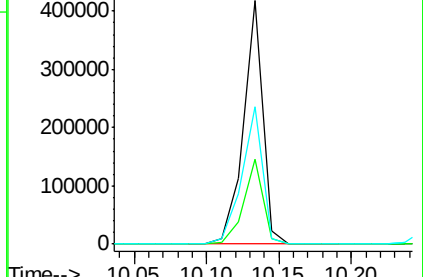
141 56.4 48.1 72.1

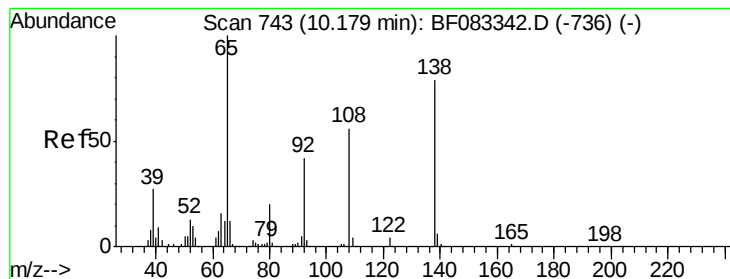


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 28.39 ng

RT: 10.17 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

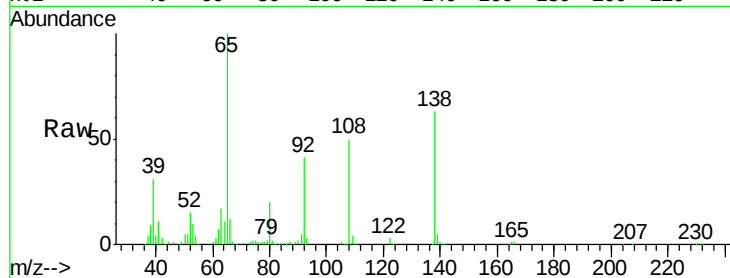
Tgt Ion:138 Resp: 191066

Ion Ratio Lower Upper

138 100

92 64.8 33.6 73.6

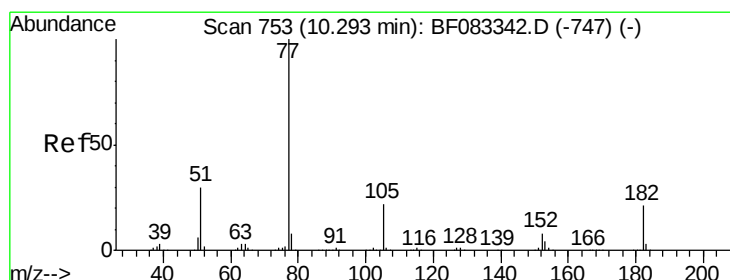
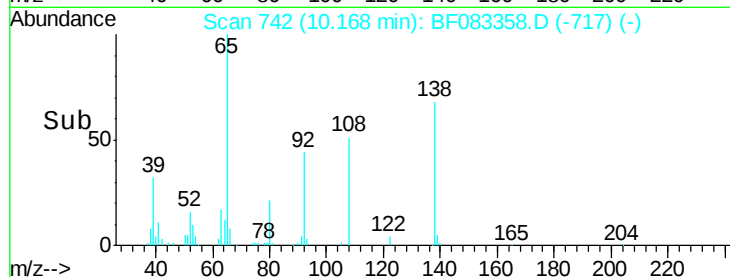
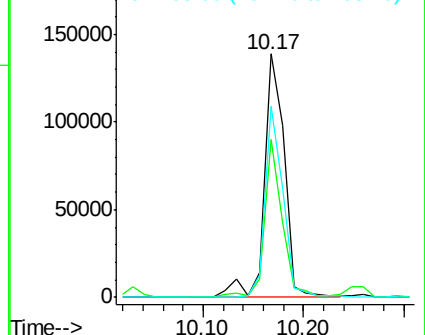
108 78.7 51.0 91.0



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: 35.19 ng

RT: 10.29 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Tgt Ion: 77 Resp: 1088988

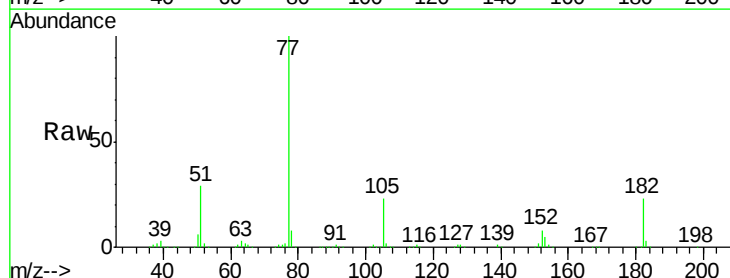
Ion Ratio Lower Upper

77 100

182 22.8 0.8 40.8

105 23.3 2.3 42.3

51 29.1 10.6 50.6

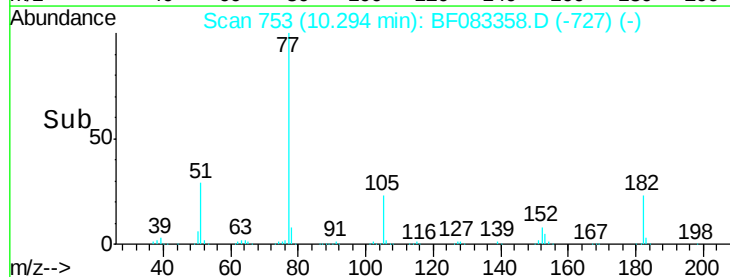
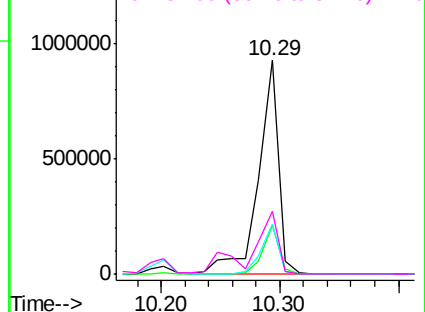


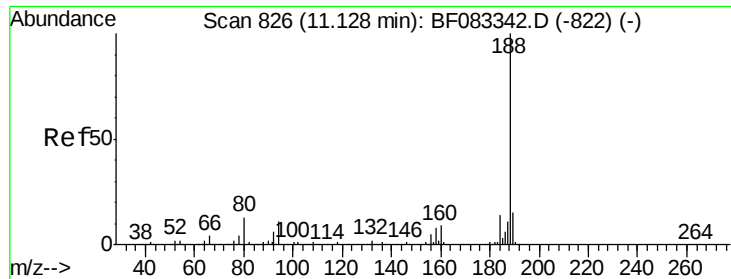
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

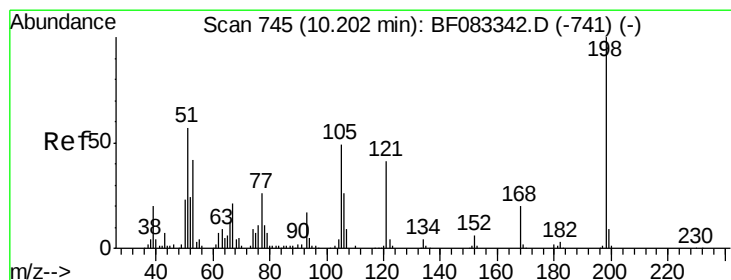
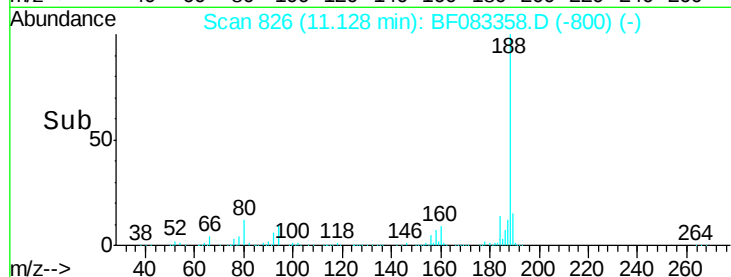
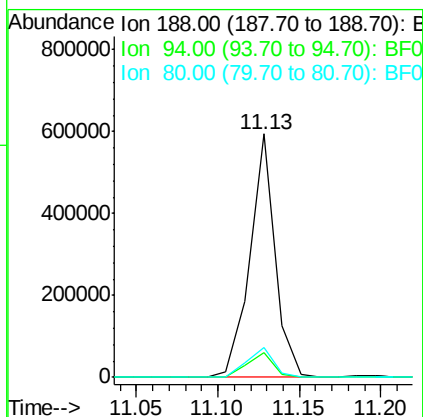
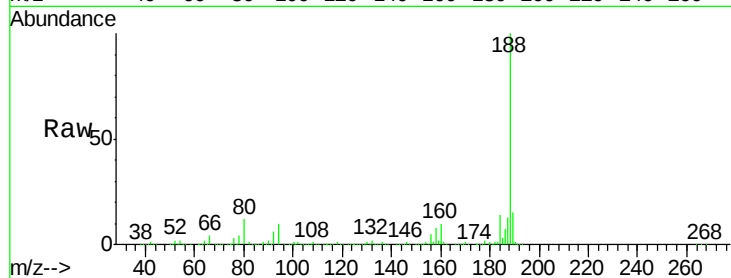




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

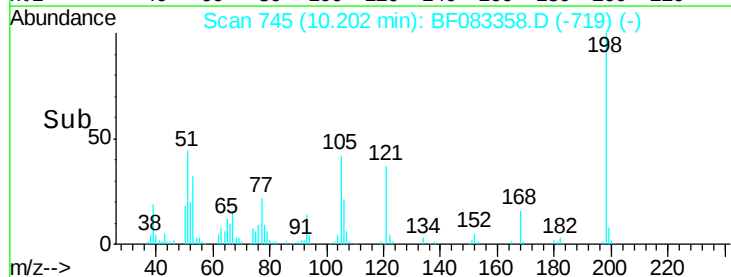
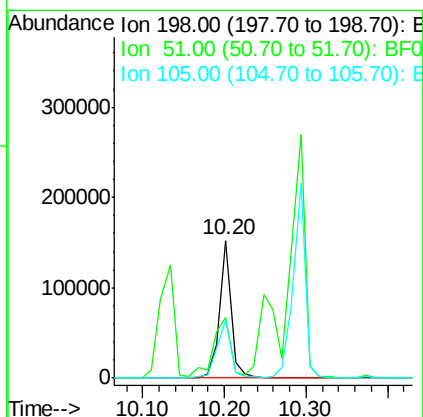
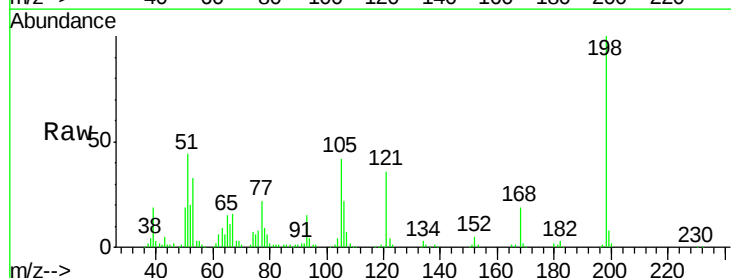
Instrument :
BNA_F
ClientSampleId :
PB86903BS

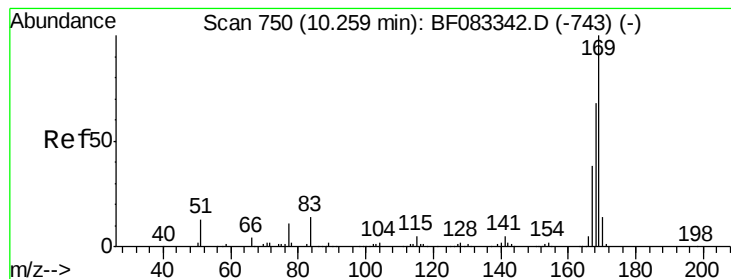
Tgt Ion:188 Resp: 637805
Ion Ratio Lower Upper
188 100
94 10.2 8.7 13.1
80 12.4 10.3 15.5



#64
4,6-Dinitro-2-methylphenol
Concen: 35.53 ng
RT: 10.20 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Tgt Ion:198 Resp: 152165
Ion Ratio Lower Upper
198 100
51 43.9 38.3 78.3
105 41.7 29.2 69.2





#65

n-Nitrosodiphenylamine

Concen: 33.35 ng

RT: 10.26 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

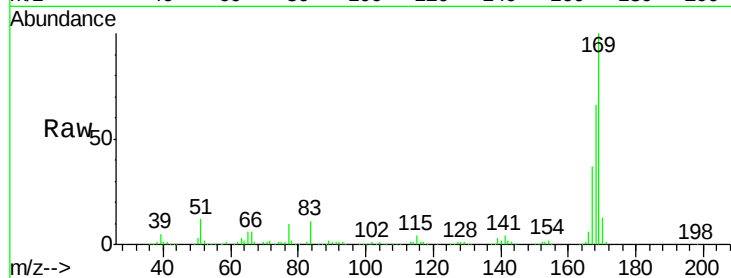
Tgt Ion:169 Resp: 747526

Ion Ratio Lower Upper

169 100

168 66.5 54.8 82.2

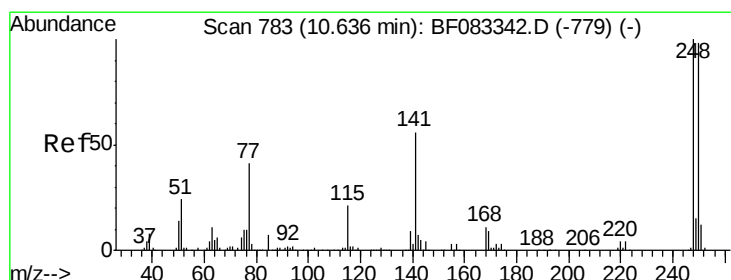
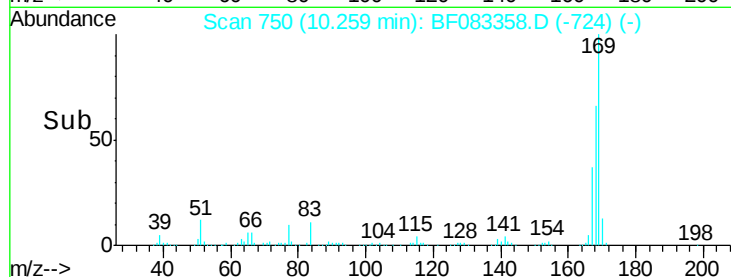
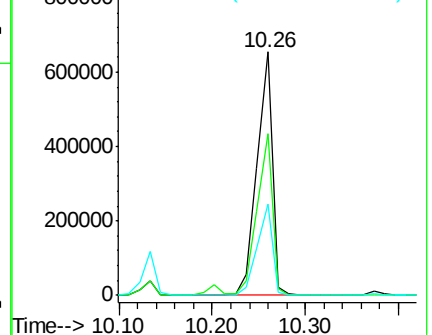
167 37.3 30.2 45.2



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: 33.44 ng

RT: 10.64 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

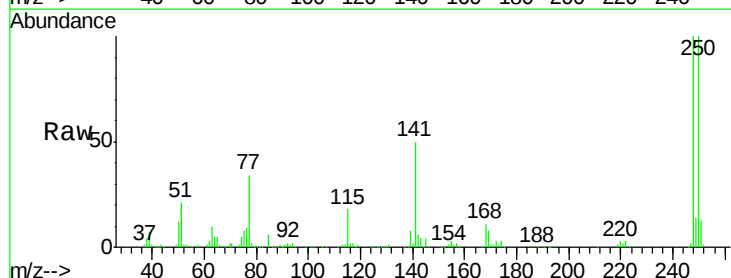
Tgt Ion:248 Resp: 233295

Ion Ratio Lower Upper

248 100

250 99.9 78.6 118.0

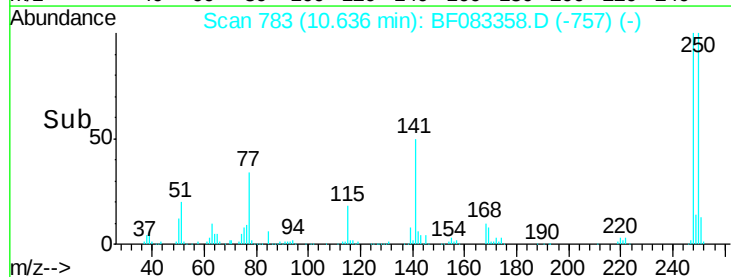
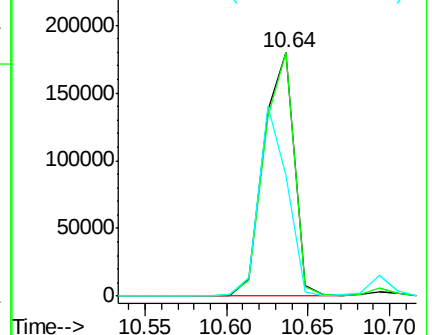
141 49.6 44.4 66.6

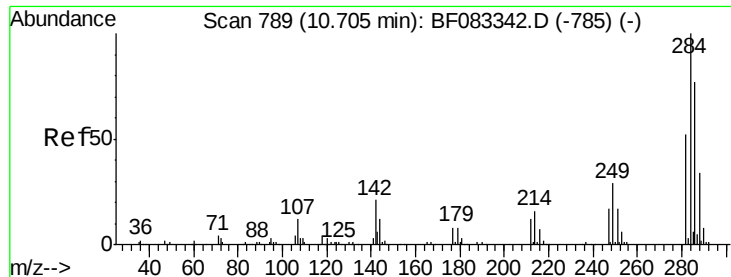


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

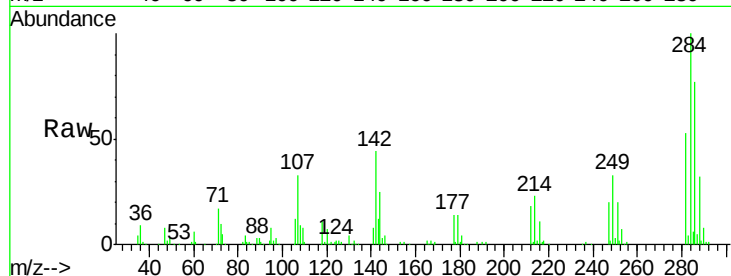




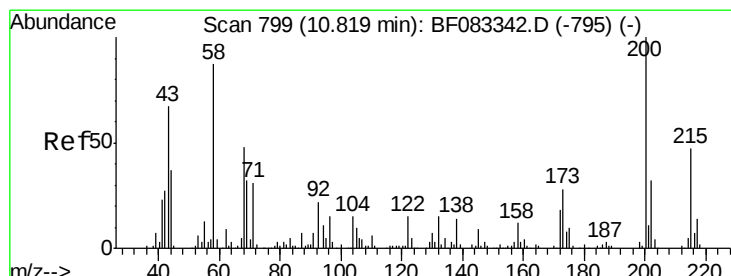
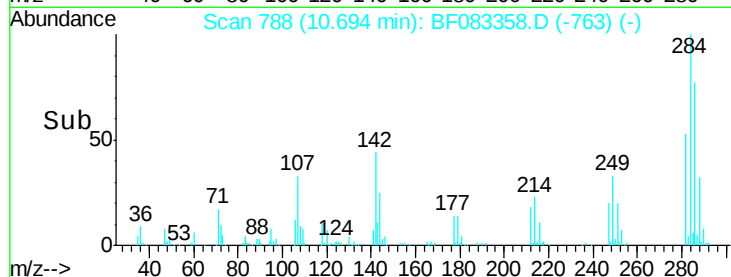
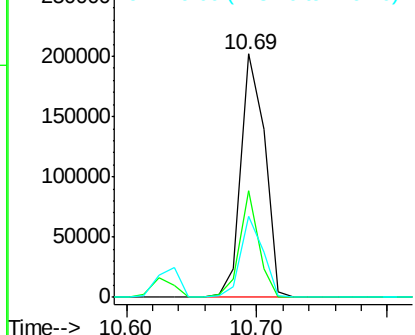
#67
Hexachlorobenzene
Concen: 33.11 ng
RT: 10.69 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
PB86903BS

Tgt Ion:284 Resp: 255466
Ion Ratio Lower Upper
284 100
142 43.7 16.6 24.8#
249 33.4 23.0 34.4

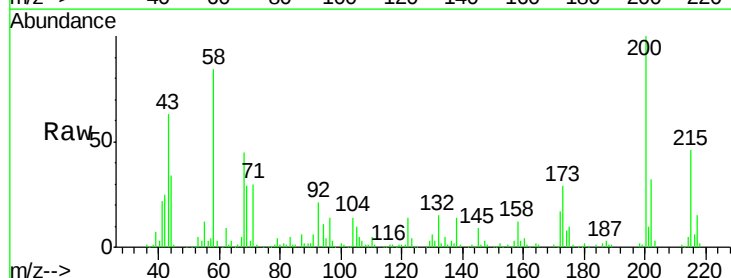


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

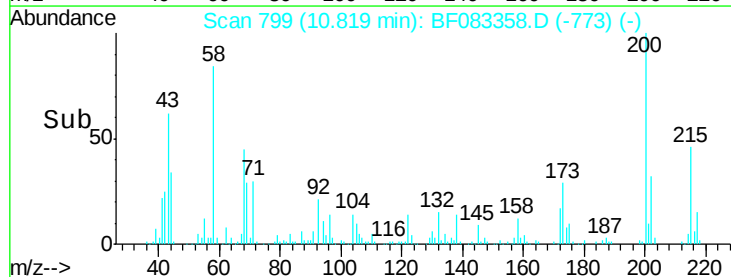
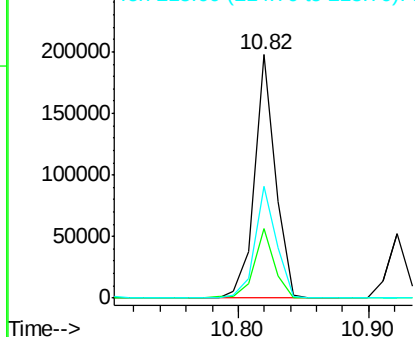


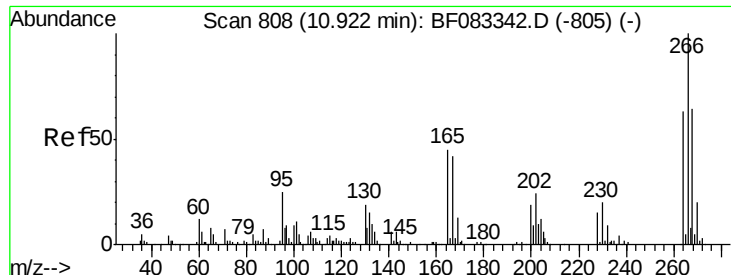
#68
Atrazine
Concen: 35.83 ng
RT: 10.82 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Tgt Ion:200 Resp: 222118
Ion Ratio Lower Upper
200 100
173 28.5 8.3 48.3
215 45.9 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

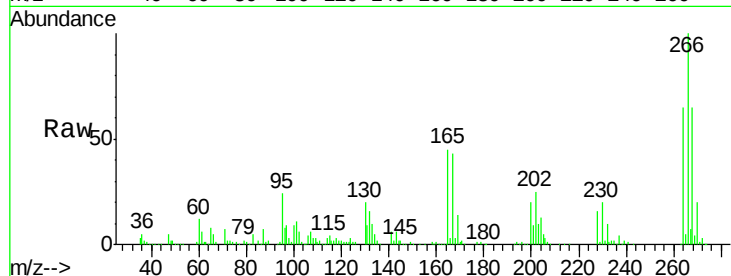




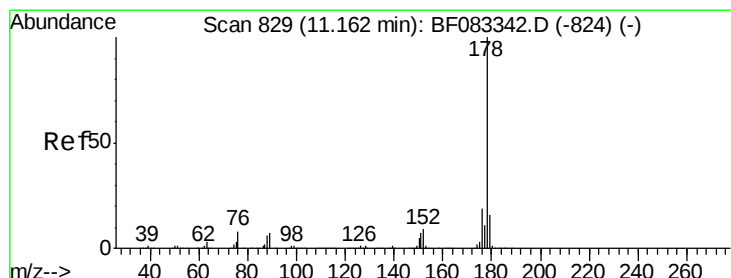
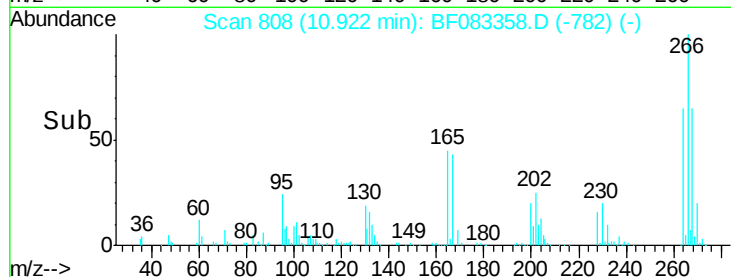
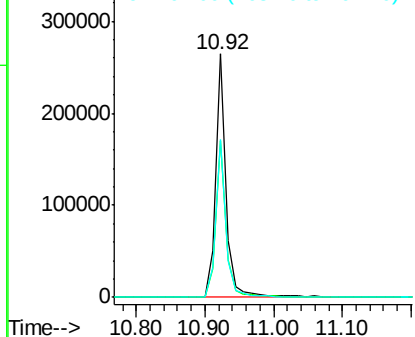
#69
 Pentachlorophenol
 Concen: 70.15 ng
 RT: 10.92 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

Tgt Ion: 266 Resp: 283493
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.5 77.3
 264 64.7 50.4 75.6

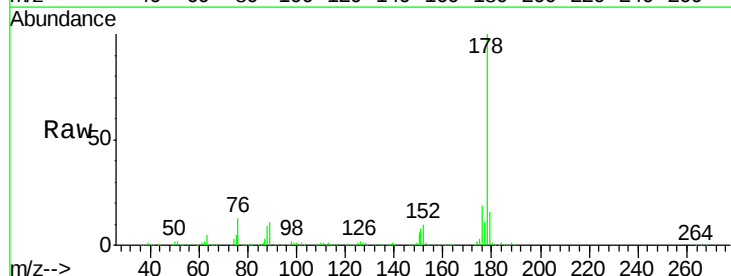


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

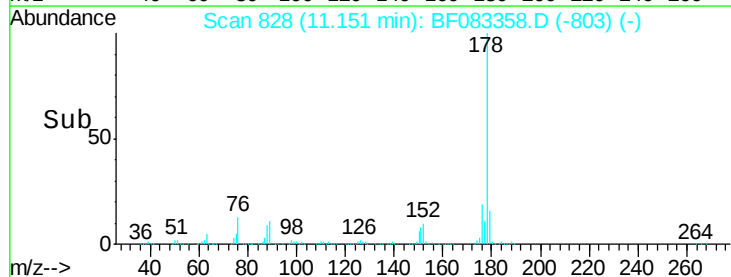
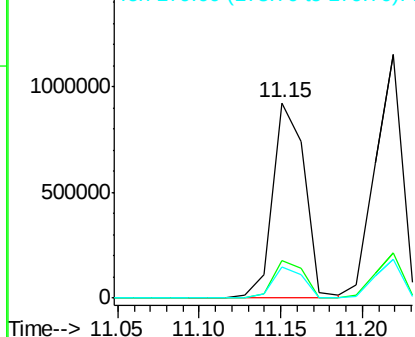


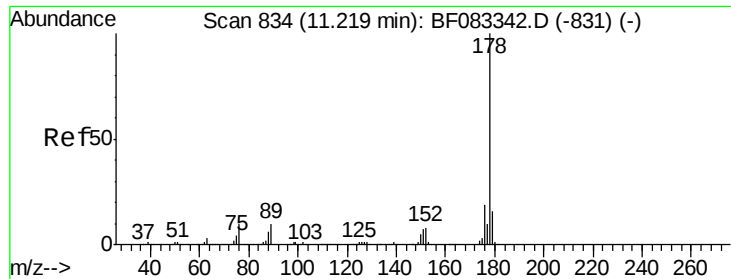
#70
 Phenanthrene
 Concen: 33.16 ng
 RT: 11.15 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion: 178 Resp: 1251732
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.3 22.9
 179 15.8 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

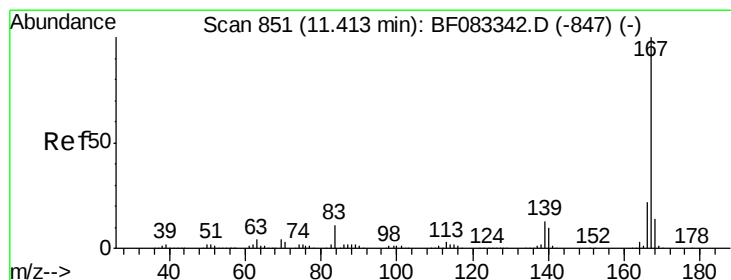
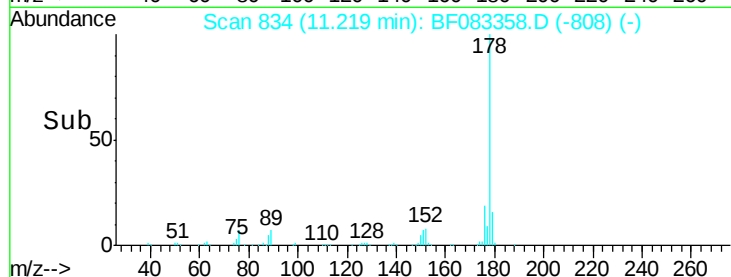
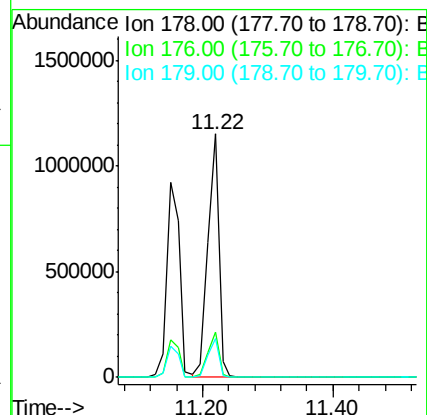
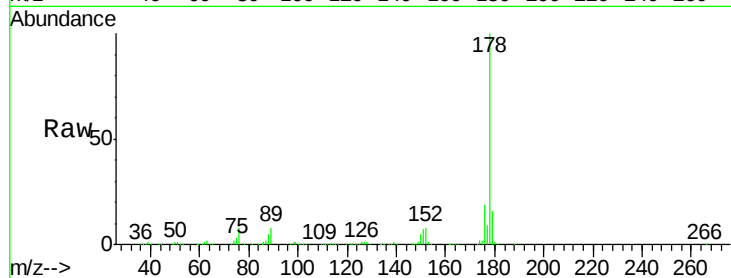




#71
 Anthracene
 Concen: 35.14 ng
 RT: 11.22 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

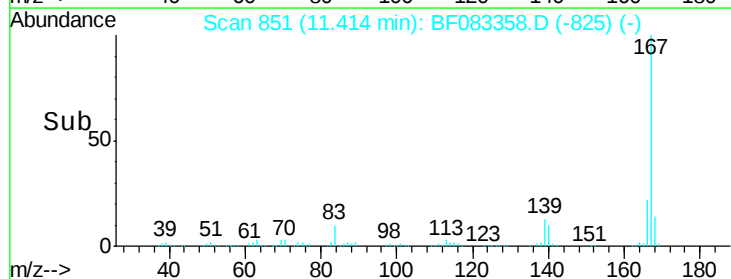
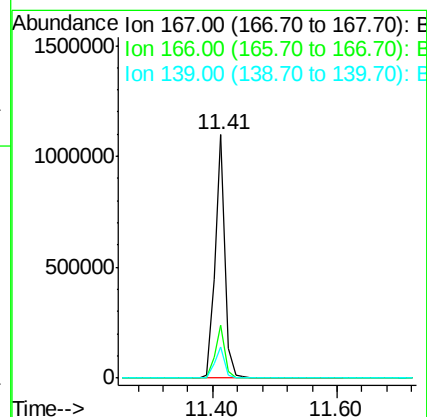
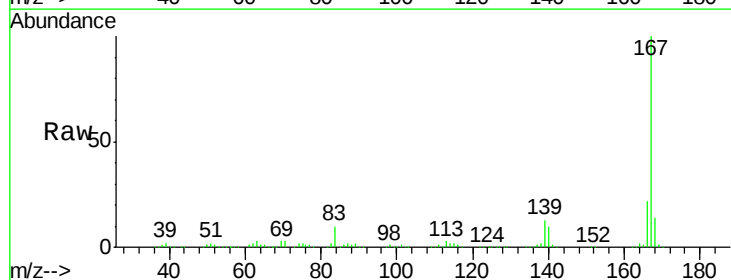
Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

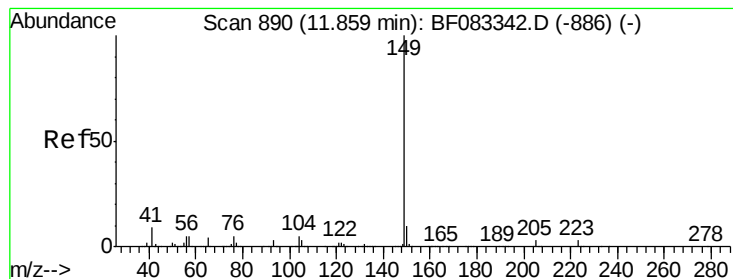
Tgt Ion:178 Resp: 1335183
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.6 23.4
 179 16.0 12.8 19.2



#72
 Carbazole
 Concen: 34.82 ng
 RT: 11.41 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion:167 Resp: 1188669
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 12.6 10.5 15.7





#73

Di-n-butylphthalate

Concen: 34.13 ng

RT: 11.86 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

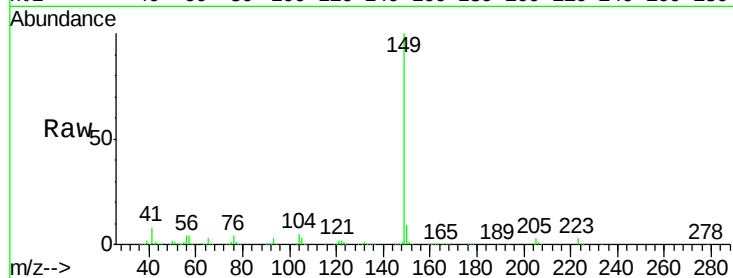
Tgt Ion:149 Resp: 1380771

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

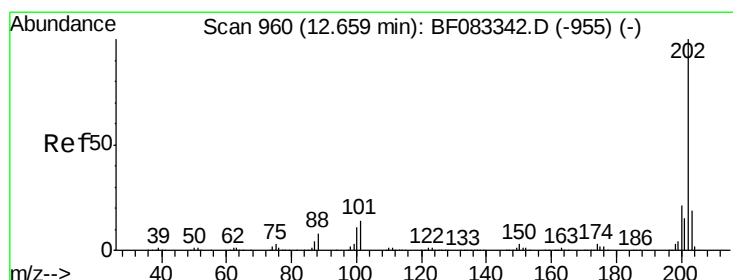
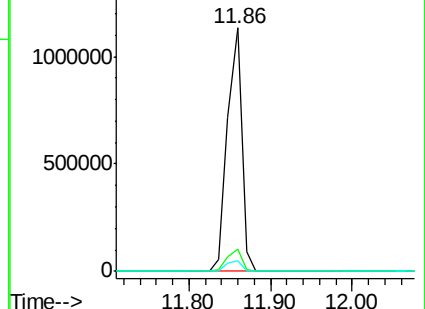
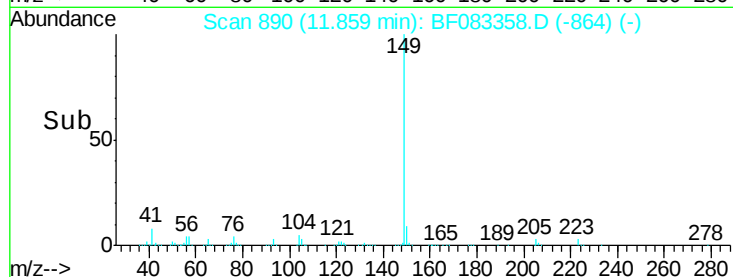
104 4.6 4.0 6.0



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: 34.01 ng

RT: 12.66 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

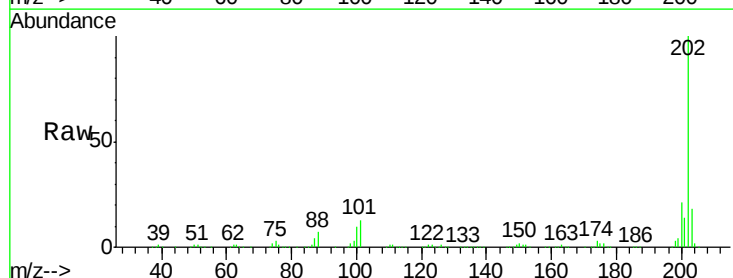
Tgt Ion:202 Resp: 1330532

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.5

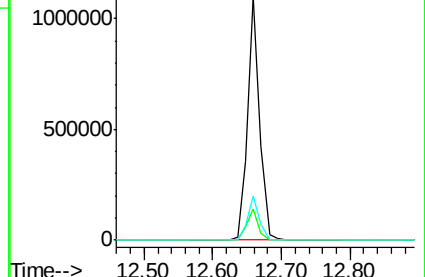
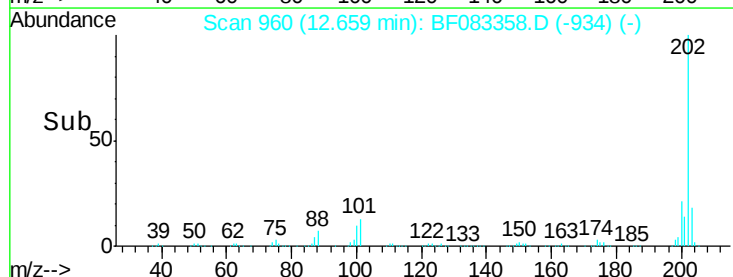
203 18.0 0.0 38.7

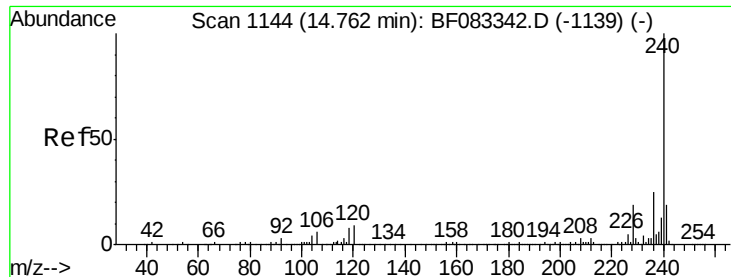


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

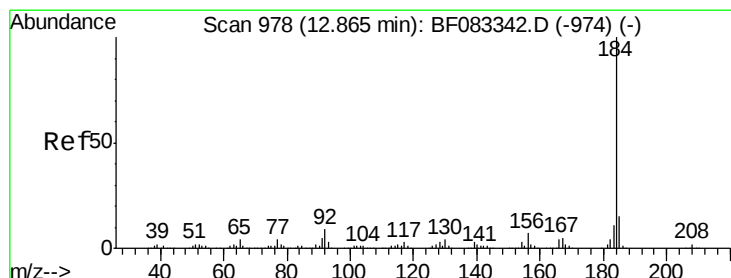
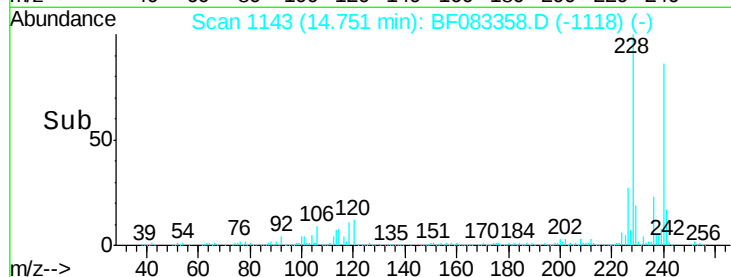
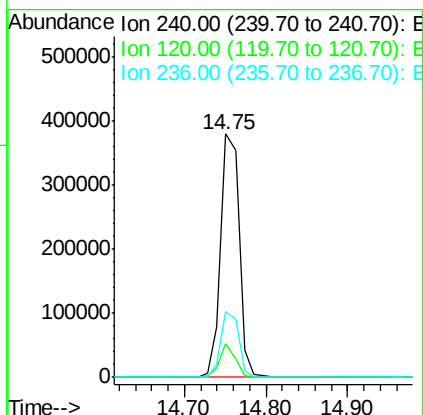
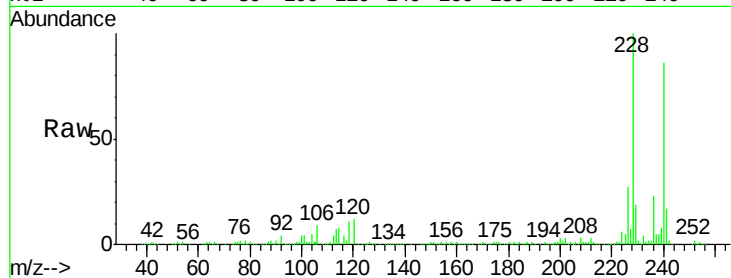




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

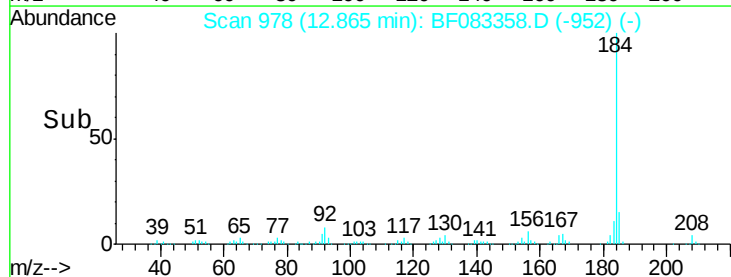
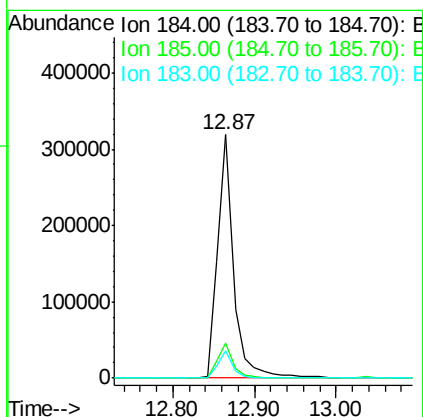
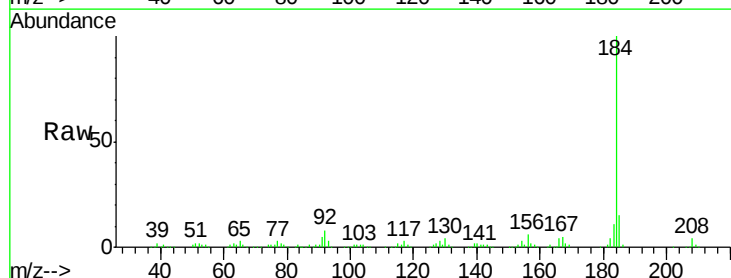
Instrument :
BNA_F
ClientSampleId :
PB86903BS

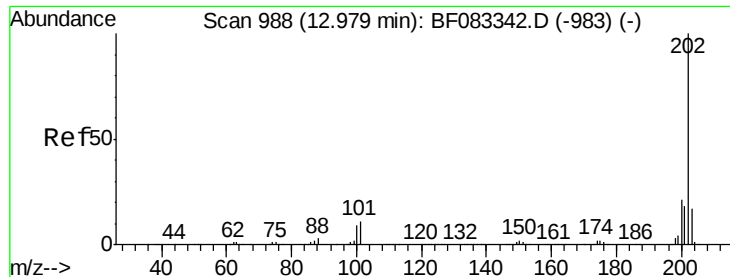
Tgt Ion:240 Resp: 598016
Ion Ratio Lower Upper
240 100
120 14.0 6.9 10.3#
236 27.1 19.8 29.6



#76
Benzidine
Concen: 24.31 ng
RT: 12.87 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF083358.D
Acq: 1 Dec 2015 3:14

Tgt Ion:184 Resp: 433008
Ion Ratio Lower Upper
184 100
185 14.6 12.4 18.6
183 11.2 9.0 13.4



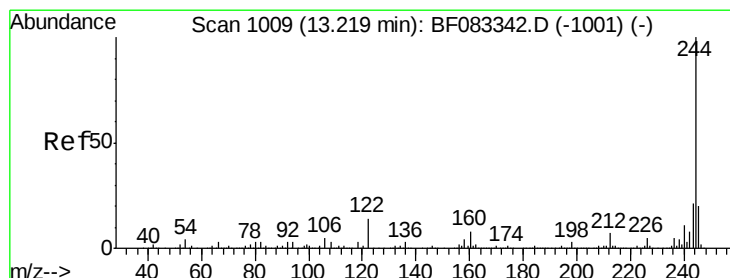
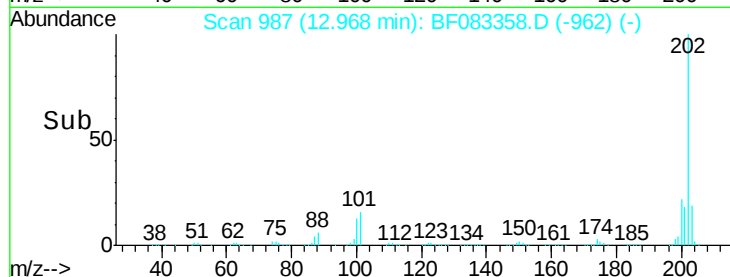
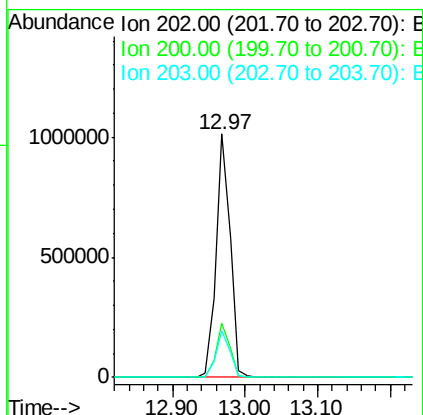
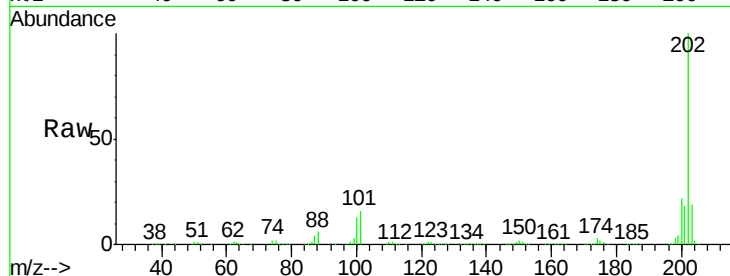


#77
 Pyrene
 Concen: 32.56 ng
 RT: 12.97 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

Tgt Ion: 202 Resp: 1359798

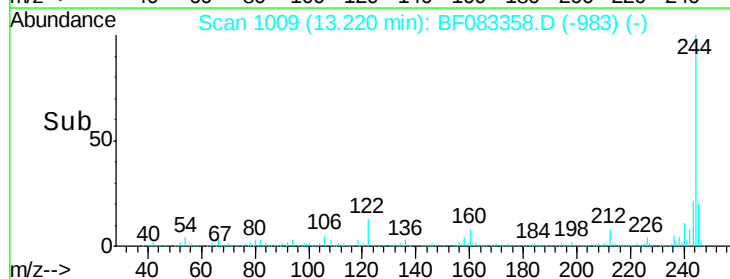
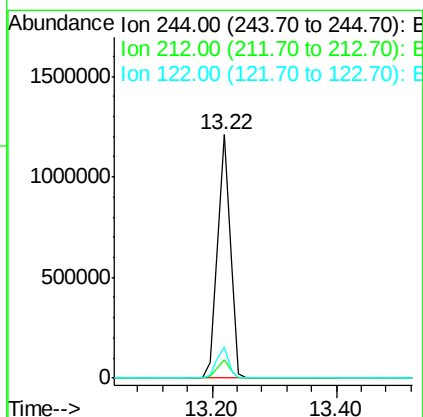
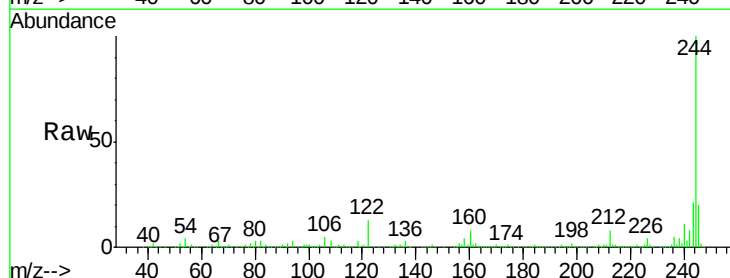
Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.9	25.3
203	19.0	13.9	20.9

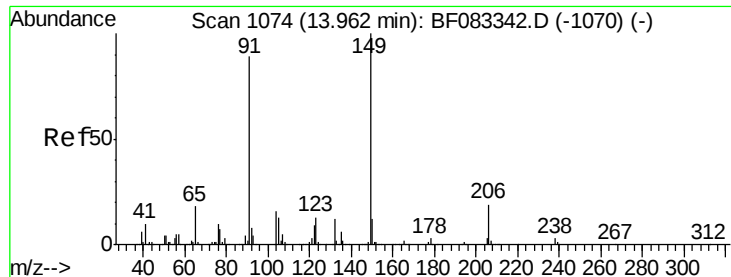


#78
 Terphenyl-d14
 Concen: 67.58 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion: 244 Resp: 1694690

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	12.8	11.0	16.4





#79

Butylbenzylphthalate

Concen: 33.38 ng

RT: 13.96 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

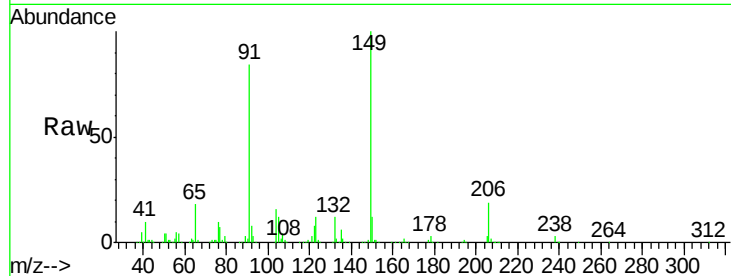
Tgt Ion:149 Resp: 591444

Ion Ratio Lower Upper

149 100

91 84.4 71.4 107.2

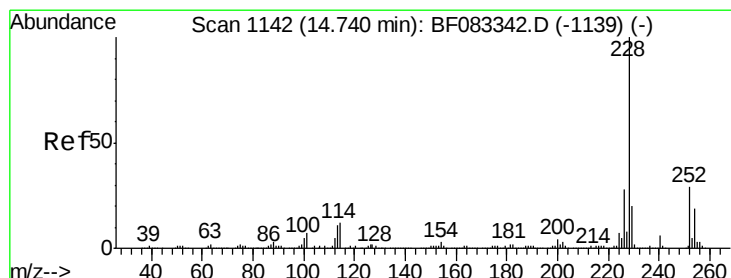
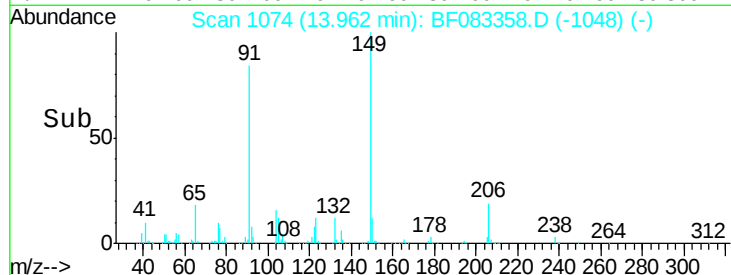
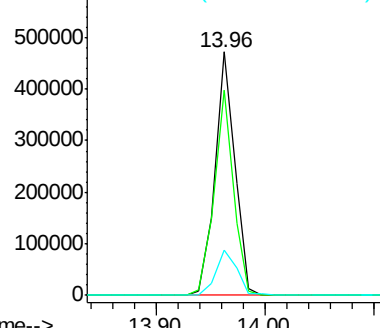
206 18.7 15.1 22.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 33.32 ng

RT: 14.74 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

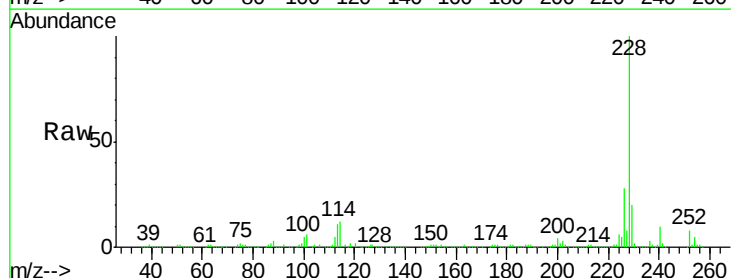
Tgt Ion:228 Resp: 1220774

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.4

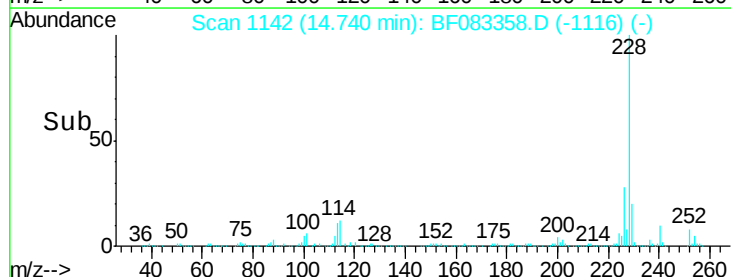
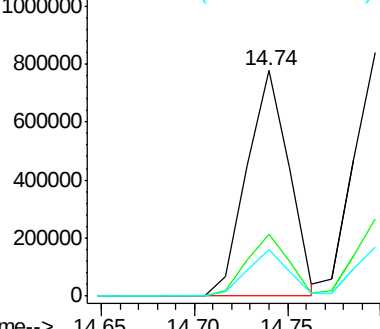
229 20.4 16.1 24.1

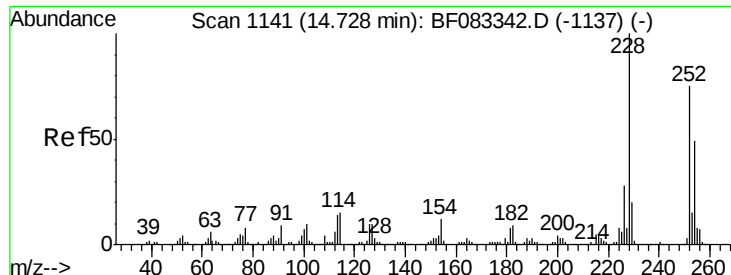


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

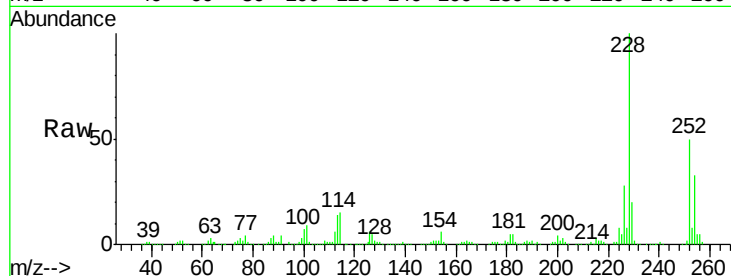




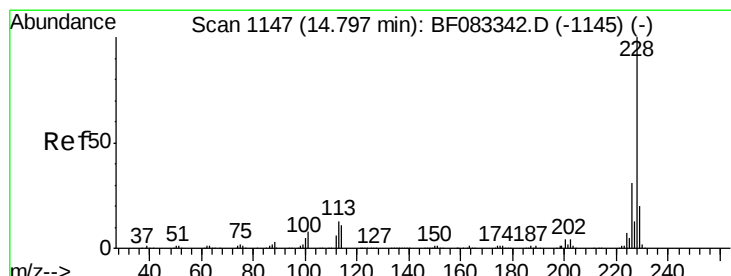
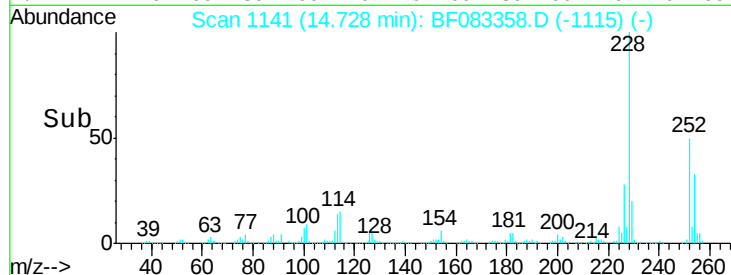
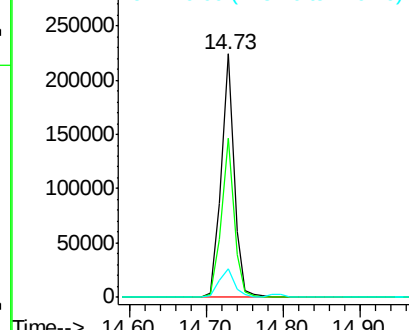
#81
 3,3'-Dichlorobenzidine
 Concen: 23.39 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

Tgt Ion: 252 Resp: 267710
 Ion Ratio Lower Upper
 252 100
 254 65.6 52.0 78.0
 126 11.5 10.7 16.1

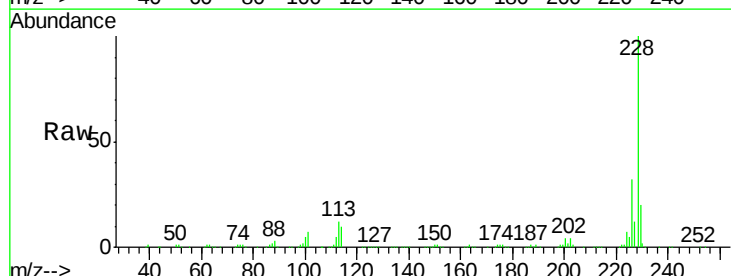


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

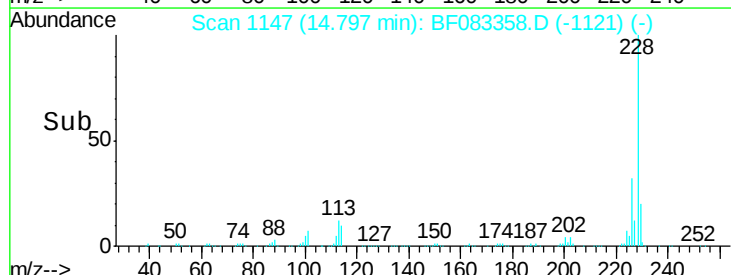
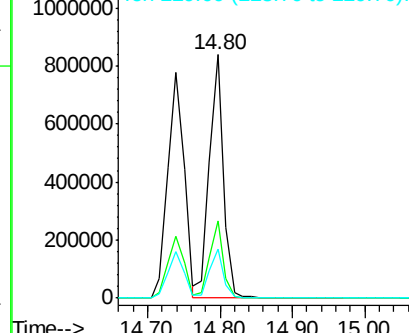


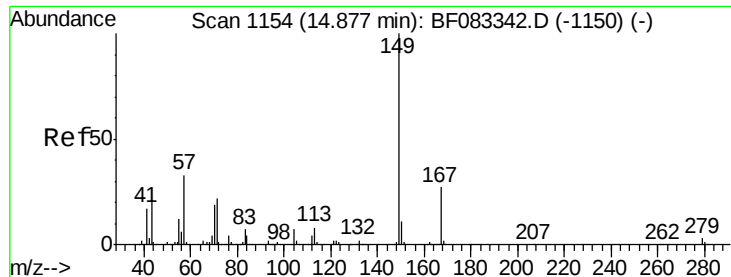
#82
 Chrysene
 Concen: 32.04 ng
 RT: 14.80 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion: 228 Resp: 1134084
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.6 37.0
 229 20.3 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: 34.35 ng

RT: 14.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

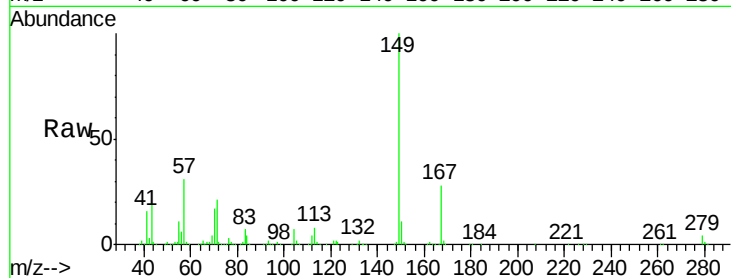
Tgt Ion:149 Resp: 816321

Ion Ratio Lower Upper

149 100

167 28.0 21.5 32.3

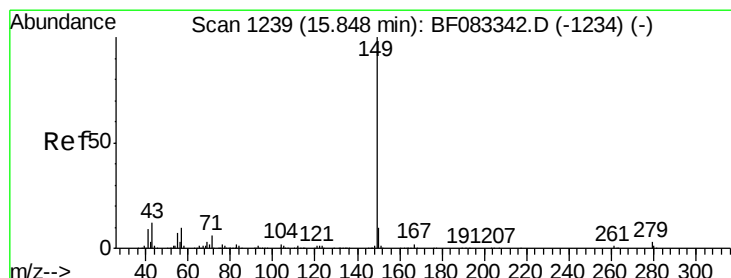
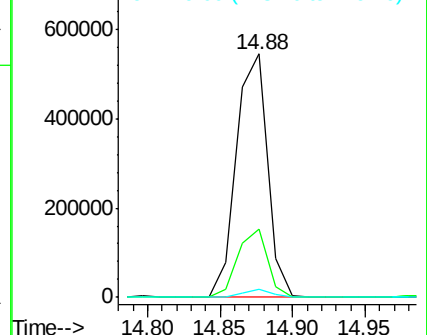
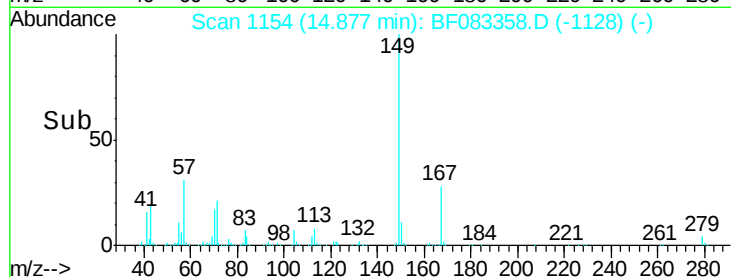
279 3.6 2.6 3.8



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: 37.56 ng

RT: 15.85 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

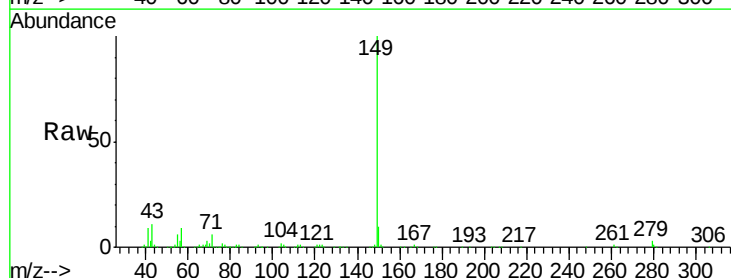
Tgt Ion:149 Resp: 1329271

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

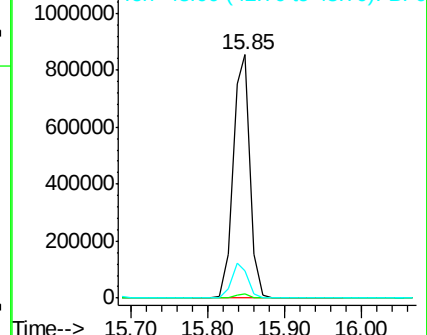
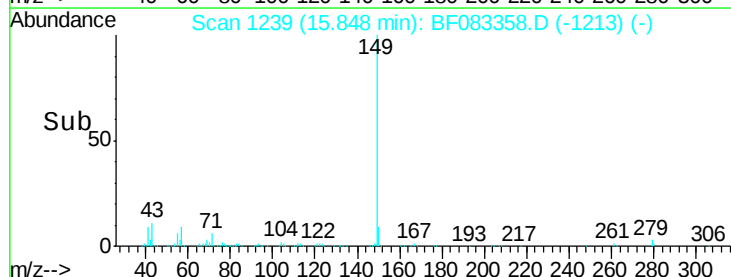
43 13.9 11.0 16.6

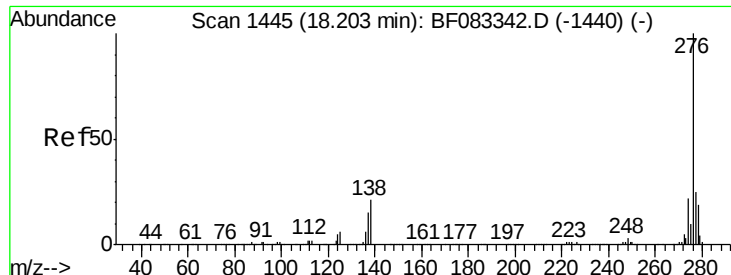


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

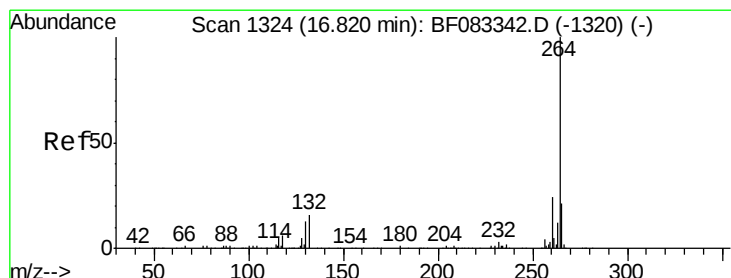
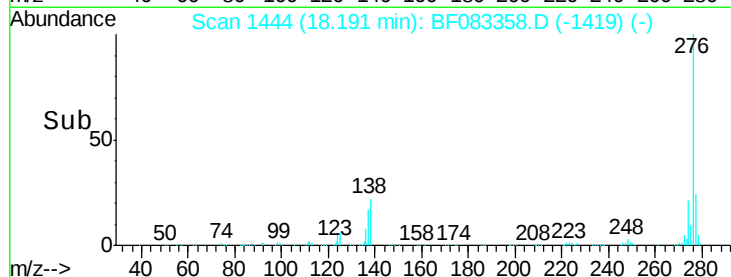
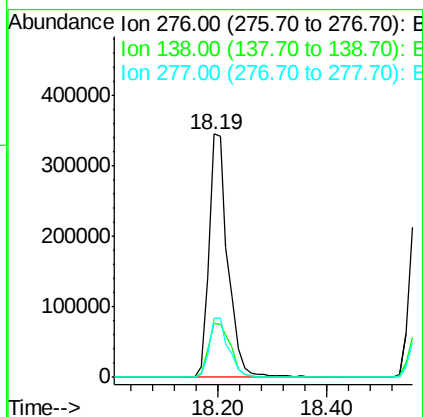
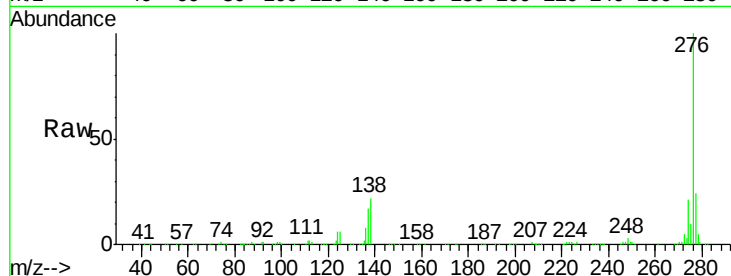




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.78 ng
 RT: 18.19 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

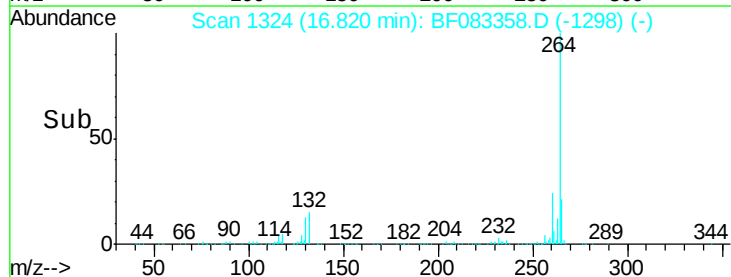
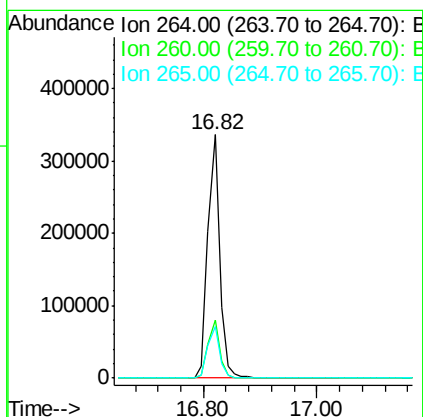
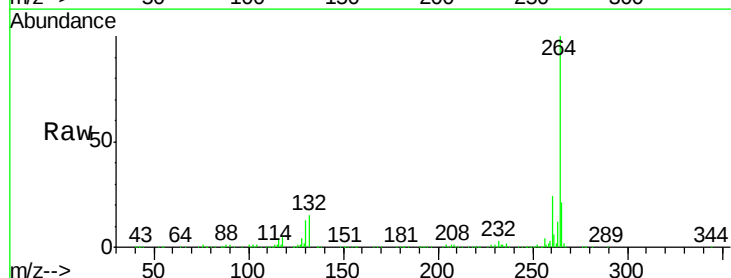
Instrument :
 BNA_F
 ClientSampleId :
 PB86903BS

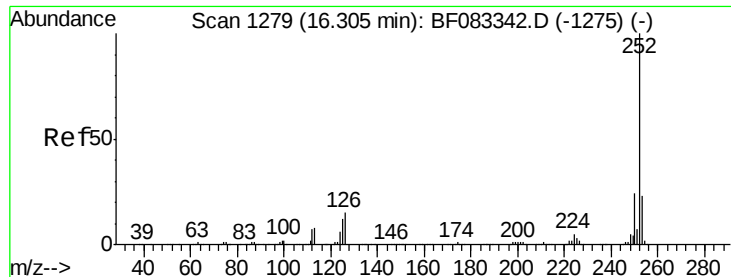
Tgt Ion: 276 Resp: 845113
 Ion Ratio Lower Upper
 276 100
 138 26.3 21.2 31.8
 277 24.9 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.82 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF083358.D
 Acq: 1 Dec 2015 3:14

Tgt Ion: 264 Resp: 471796
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 21.1 16.8 25.2





#87

Benzo(b)fluoranthene

Concen: 35.84 ng

RT: 16.31 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

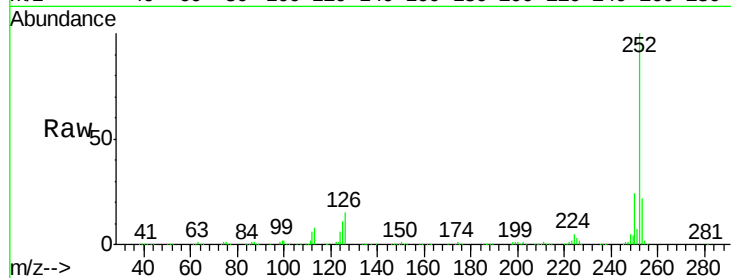
Tgt Ion:252 Resp: 1084853

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

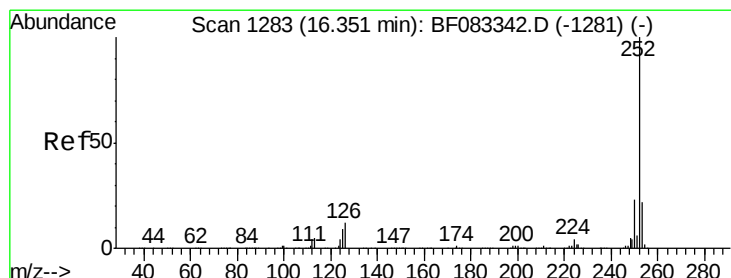
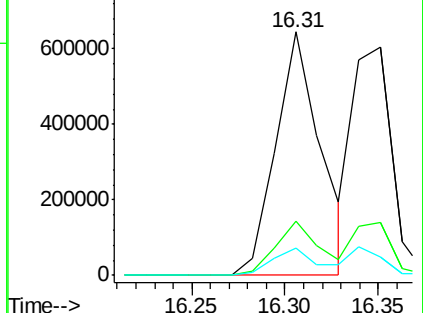
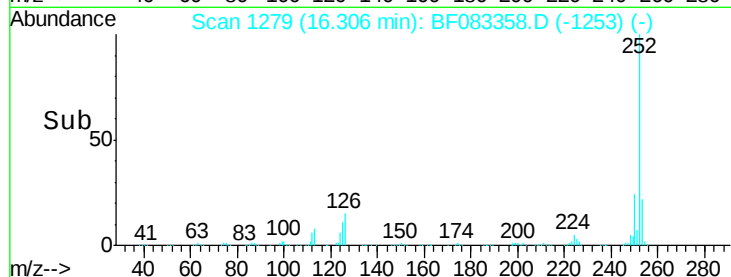
125 11.0 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 31.34 ng

RT: 16.35 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

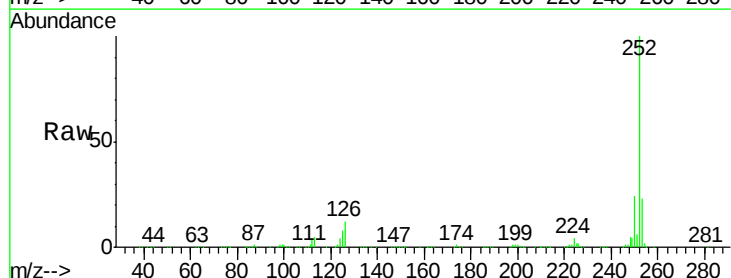
Tgt Ion:252 Resp: 895879

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

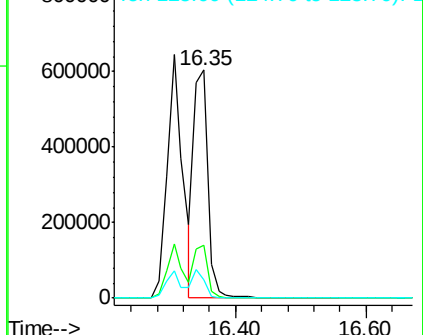
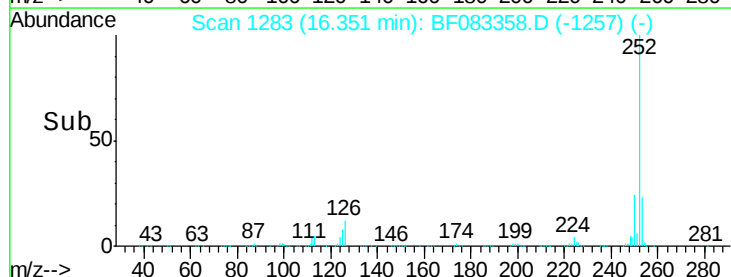
125 8.1 7.5 11.3

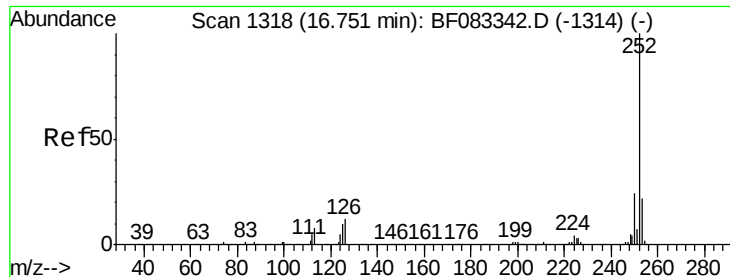


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 35.54 ng

RT: 16.75 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS

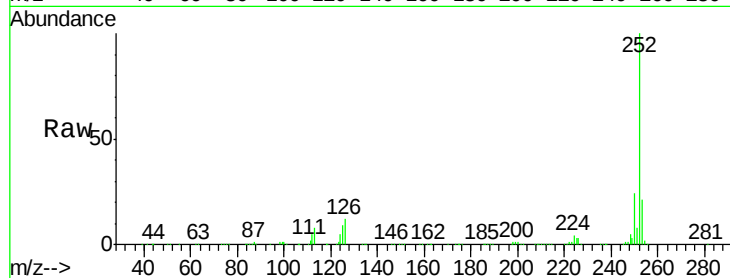
Tgt Ion:252 Resp: 924196

Ion Ratio Lower Upper

252 100

253 21.0 17.5 26.3

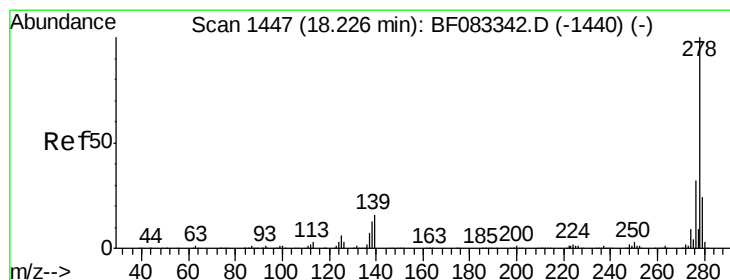
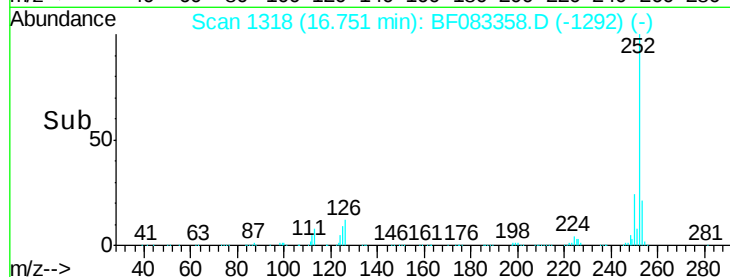
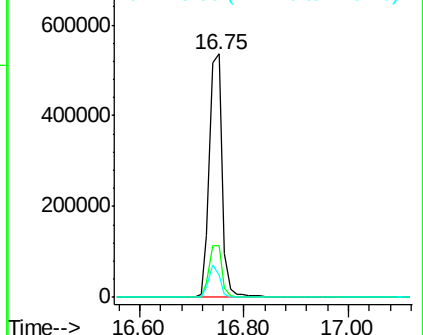
125 9.2 7.8 11.8



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: 32.01 ng

RT: 18.23 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BF083358.D

Acq: 1 Dec 2015 3:14

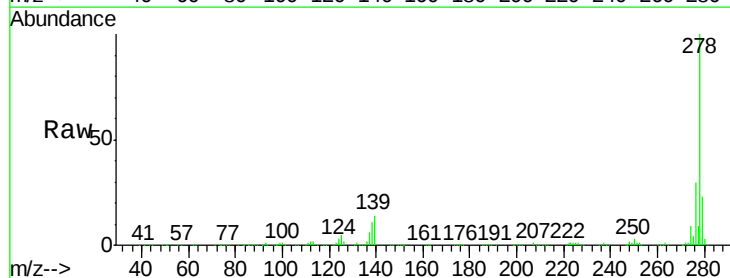
Tgt Ion:278 Resp: 725253

Ion Ratio Lower Upper

278 100

139 13.9 13.1 19.7

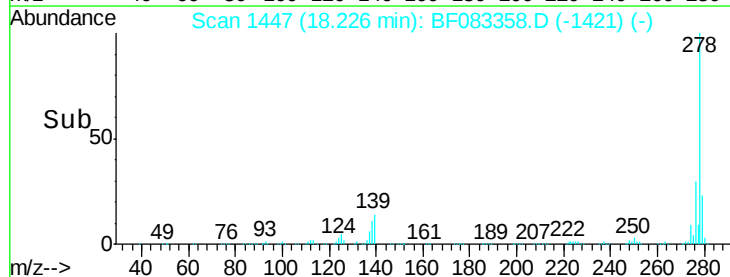
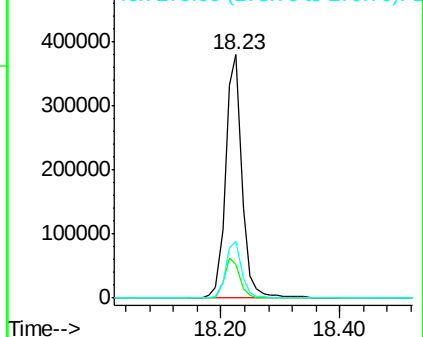
279 23.3 19.2 28.8

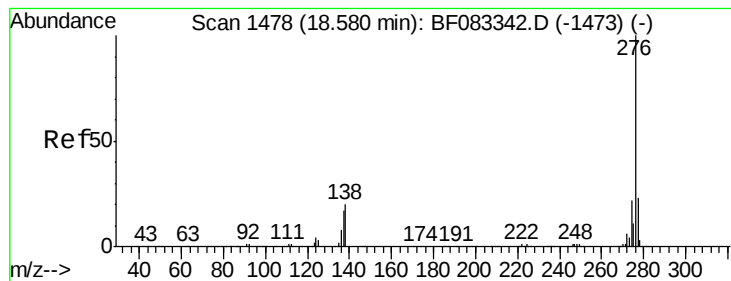


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 31.12 ng

RT: 18.57 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF083358.D

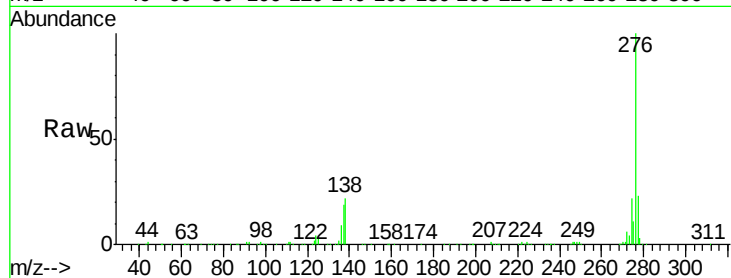
Acq: 1 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

PB86903BS



Tgt Ion:	276	Resp:	692000
Ion Ratio		Lower	Upper
276	100		
277	22.8	18.6	28.0
138	21.9	16.1	24.1

