

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
 Data File : BF083393.D
 Acq On : 2 Dec 2015 1:32
 Operator : UM/IZ
 Sample : G4587-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MS

Quant Time: Dec 02 03:23:00 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	150585	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	572284	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	295299	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	560669	20.00	ng	0.00
75) Chrysene-d12	14.75	240	366693	20.00	ng	-0.01
86) Perylene-d12	16.82	264	355476	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	537219	53.53	ng	0.01
7) Phenol-d6	6.21	99	487115	35.46	ng	-0.01
23) Nitrobenzene-d5	7.13	82	973039	74.74	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	295958	99.84	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1530452	73.86	ng	0.00
78) Terphenyl-d14	13.22	244	1299058	84.49	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.98	88	81253	14.95	ng	# 89
3) Pyridine	2.64	79	163046	12.00	ng	95
4) n-Nitrosodimethylamine	2.56	42	93505	13.98	ng	96
6) Aniline	6.21	93	289110	15.39	ng	98
8) 2-Chlorophenol	6.34	128	328587	29.68	ng	99
9) Benzaldehyde	6.09	77	185226	25.77	ng	99
10) Phenol	6.22	94	188529	11.41	ng	# 47
11) bis(2-Chloroethyl)ether	6.29	93	431292	35.87	ng	93
12) 1,3-Dichlorobenzene	6.49	146	405581	32.96	ng	98
13) 1,4-Dichlorobenzene	6.57	146	420858	33.09	ng	98
14) 1,2-Dichlorobenzene	6.57	146	422110	36.18	ng	96
15) Benzyl Alcohol	6.72	79	258906	24.39	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	741878	35.17	ng	67
17) 2-Methylphenol	6.84	107	237392	25.73	ng	94
18) Hexachloroethane	7.06	117	142400	32.24	ng	99
19) n-Nitroso-di-n-propylamine	6.98	70	331099	33.72	ng	# 91
20) 3+4-Methylphenols	7.00	107	272007	21.77	ng	98
22) Acetophenone	6.97	105	563098	32.89	ng	# 92
24) Nitrobenzene	7.14	77	451672	32.49	ng	# 86
25) Isophorone	7.39	82	877239	34.79	ng	96
26) 2-Nitrophenol	7.46	139	188072	33.14	ng	94
27) 2,4-Dimethylphenol	7.53	122	301475	31.69	ng	99
28) bis(2-Chloroethoxy)methane	7.61	93	537558	37.43	ng	99
29) 2,4-Dichlorophenol	7.71	162	315300	34.46	ng	99
30) 1,2,4-Trichlorobenzene	7.78	180	333602	33.50	ng	96
31) Naphthalene	7.86	128	1122017	36.13	ng	98
32) Benzoic acid	7.63	122	44273	6.75	ng	96
33) 4-Chloroaniline	7.93	127	189181	14.13	ng	97
34) Hexachlorobutadiene	7.98	225	186801	33.04	ng	99
35) Caprolactam	8.29	113	18232	6.31	ng	92
36) 4-Chloro-3-methylphenol	8.42	107	325124	31.68	ng	# 83
37) 2-Methylnaphthalene	8.54	142	710820	34.25	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	318248	34.00	ng	99
40) Hexachlorocyclopentadiene	8.70	237	199935	44.96	ng	99

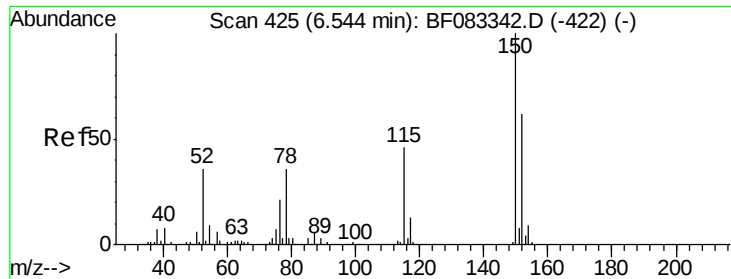
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	221690	33.76	ng	98
43) 2,4,5-Trichlorophenol	8.89	196	233770	34.36	ng	97
45) 1,1'-Biphenyl	9.01	154	867121	33.49	ng	94
46) 2-Chloronaphthalene	9.04	162	698322	35.39	ng	99
47) 2-Nitroaniline	9.15	65	268854	34.40	ng	94
48) Acenaphthylene	9.45	152	1101574	35.00	ng	99
49) Dimethylphthalate	9.33	163	876908	36.54	ng	99
50) 2,6-Dinitrotoluene	9.39	165	194677	37.99	ng	91
51) Acenaphthene	9.62	154	657935	35.54	ng	98
52) 3-Nitroaniline	9.56	138	108909	18.13	ng	79
53) 2,4-Dinitrophenol	9.66	184	74845	28.41	ng	95
54) Dibenzofuran	9.79	168	934679	34.45	ng	99
55) 4-Nitrophenol	9.79	139	429999	114.44	ng	# 1
56) 2,4-Dinitrotoluene	9.79	165	243493	37.44	ng	93
57) Fluorene	10.13	166	783302	36.56	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	173308	31.58	ng	96
59) Diethylphthalate	10.03	149	868663	37.98	ng	98
60) 4-Chlorophenyl-phenylether	10.13	204	374712	38.06	ng	99
61) 4-Nitroaniline	10.17	138	167713	27.91	ng	93
62) Azobenzene	10.29	77	1062235	38.44	ng	97
64) 4,6-Dinitro-2-methylphenol	10.20	198	70130	18.63	ng	80
65) n-Nitrosodiphenylamine	10.26	169	719888	36.54	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	227935	37.16	ng	97
67) Hexachlorobenzene	10.70	284	245396	36.19	ng	96
68) Atrazine	10.82	200	218617	40.12	ng	98
69) Pentachlorophenol	10.92	266	184690	51.99	ng	99
70) Phenanthrene	11.15	178	1171295	35.30	ng	99
71) Anthracene	11.22	178	1222898	36.61	ng	99
72) Carbazole	11.41	167	1064440	35.47	ng	100
73) Di-n-butylphthalate	11.86	149	1384216	38.92	ng	100
74) Fluoranthene	12.66	202	1097427	31.91	ng	98
76) Benzidine	12.86	184	210560	19.28	ng	98
77) Pyrene	12.97	202	1103036	43.07	ng	99
79) Butylbenzylphthalate	13.96	149	495617	45.62	ng	93
80) Benzo(a)anthracene	14.74	228	829611	36.93	ng	99
81) 3,3'-Dichlorobenzidine	14.73	252	189100	26.95	ng	99
82) Chrysene	14.80	228	771175	35.53	ng	98
83) Bis(2-ethylhexyl)phthalate	14.88	149	680198	46.68	ng	100
84) Di-n-octyl phthalate	15.84	149	1000375	46.10	ng	99
85) Indeno(1,2,3-cd)pyrene	18.20	276	890235	56.31	ng	100
87) Benzo(b)fluoranthene	16.31	252	833617	36.55	ng	98
88) Benzo(k)fluoranthene	16.31	252	833617	38.70	ng	98
89) Benzo(a)pyrene	16.74	252	735991	37.57	ng	# 96
90) Dibenzo(a,h)anthracene	18.23	278	752524	44.08	ng	99
91) Benzo(g,h,i)perylene	18.58	276	740372	44.19	ng	99

(#) = 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: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

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MW-01MS

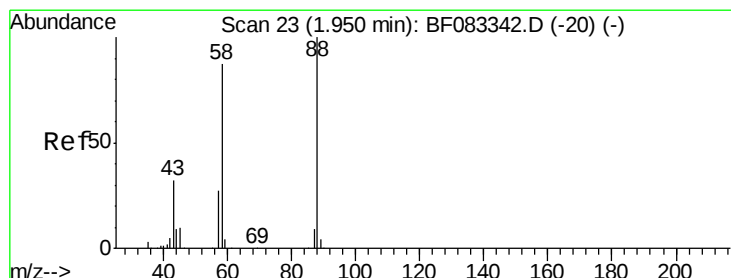
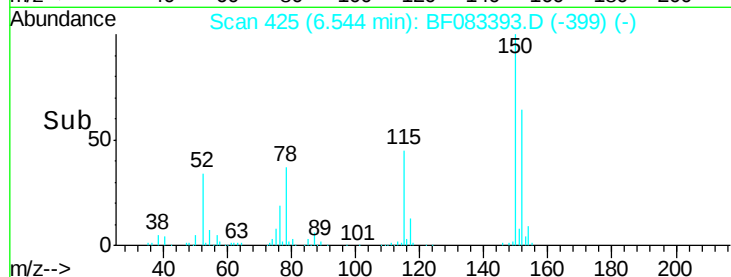
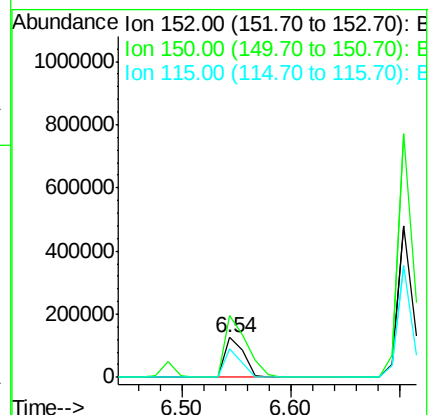
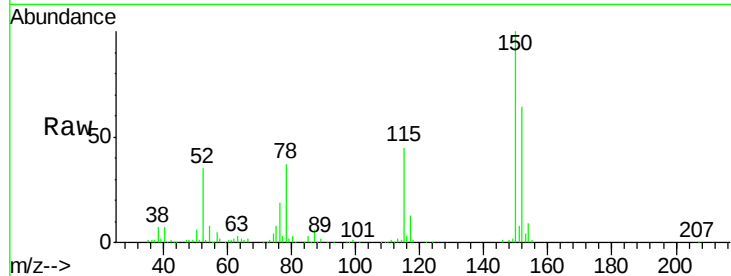
Tgt Ion:152 Resp: 150585

Ion Ratio Lower Upper

152 100

150 157.0 129.8 194.8

115 71.4 59.2 88.8



#2

1,4-Dioxane

Concen: 14.95 ng

RT: 1.98 min Scan# 26

Delta R.T. 0.03 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

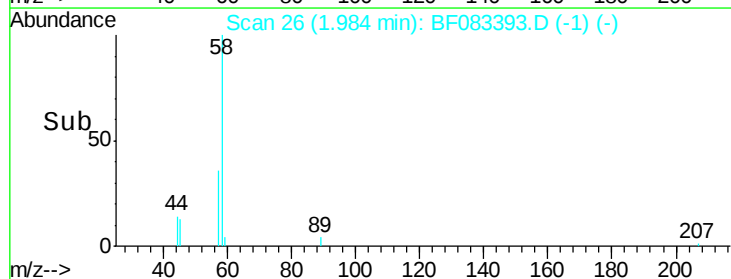
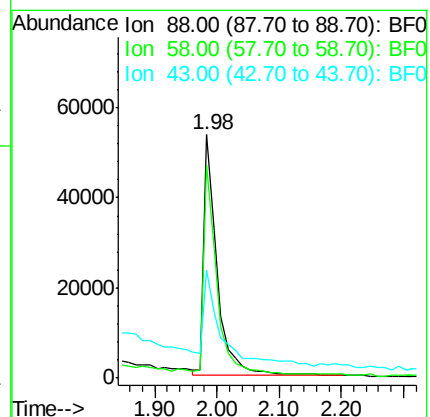
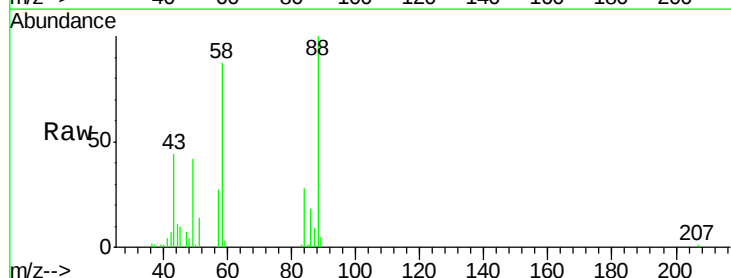
Tgt Ion: 88 Resp: 81253

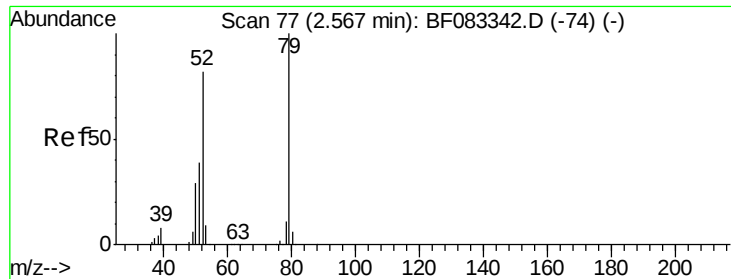
Ion Ratio Lower Upper

88 100

58 82.4 66.6 100.0

43 53.9 27.1 40.7#





#3

Pyridine

Concen: 12.00 ng

RT: 2.64 min Scan# 83

Delta R.T. 0.07 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-01MS

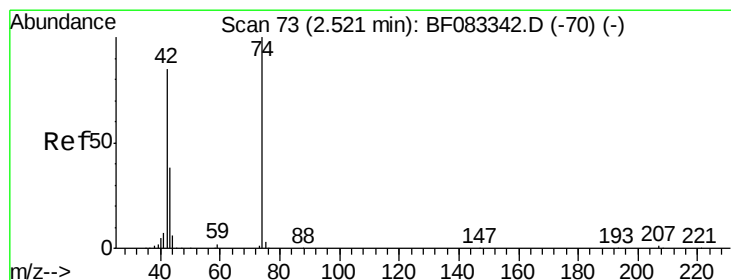
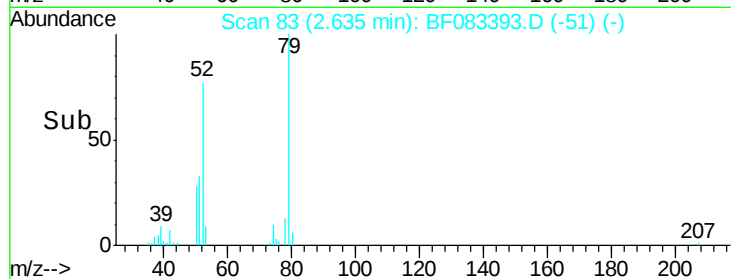
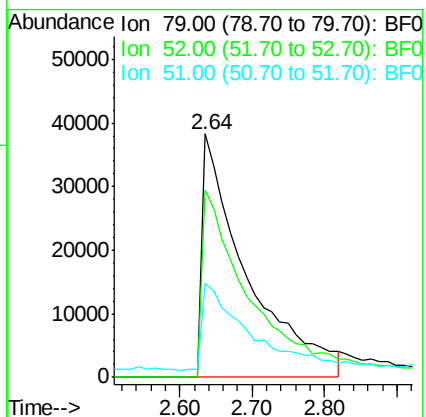
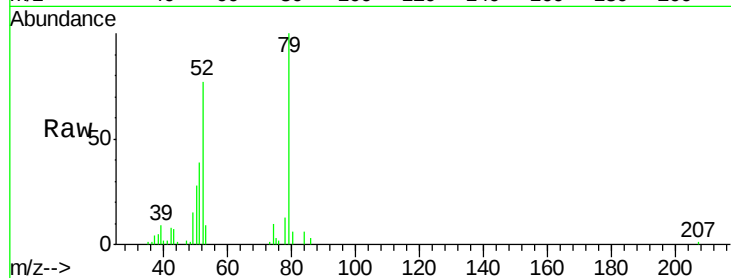
Tgt Ion: 79 Resp: 163046

Ion Ratio Lower Upper

79 100

52 77.0 65.9 98.9

51 38.5 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 13.98 ng

RT: 2.56 min Scan# 76

Delta R.T. 0.03 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

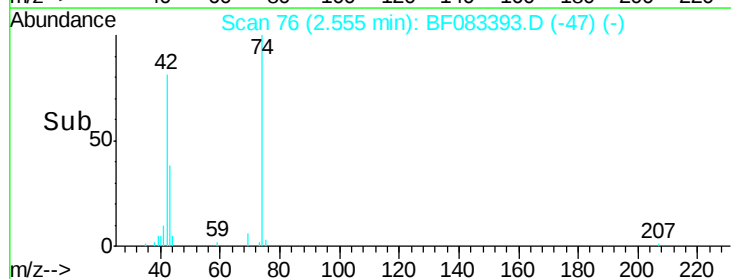
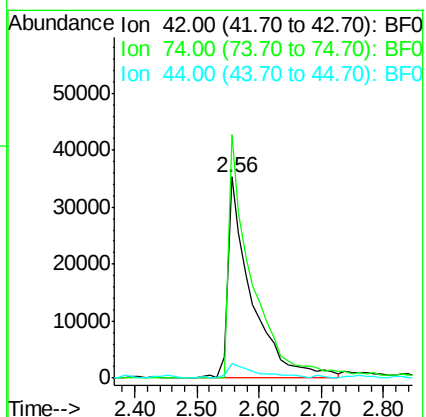
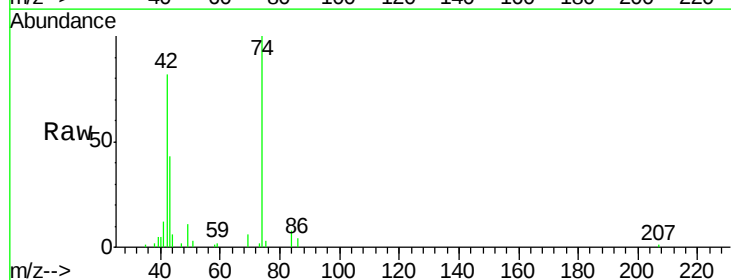
Tgt Ion: 42 Resp: 93505

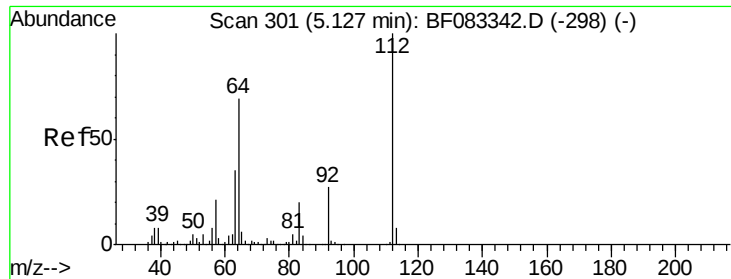
Ion Ratio Lower Upper

42 100

74 121.3 93.7 140.5

44 7.4 5.6 8.4





#5

2-Fluorophenol

Concen: 53.53 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

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ClientSampleId :

MW-01MS

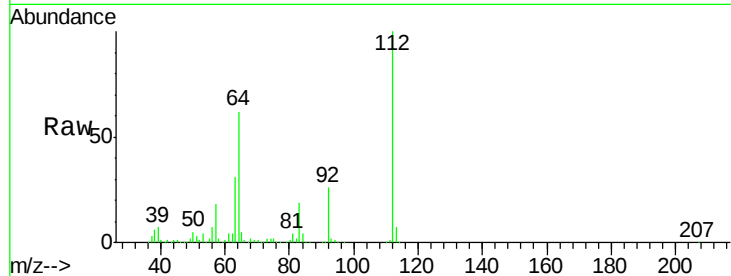
Tgt Ion:112 Resp: 537219

Ion Ratio Lower Upper

112 100

64 61.9 55.6 83.4

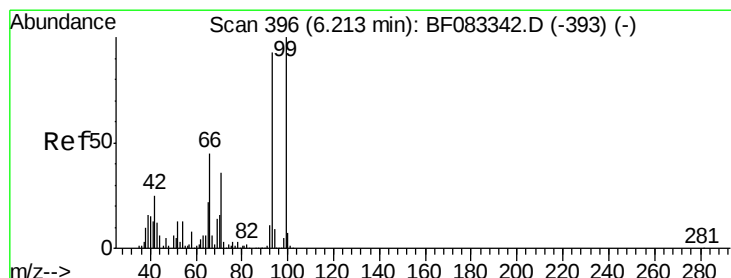
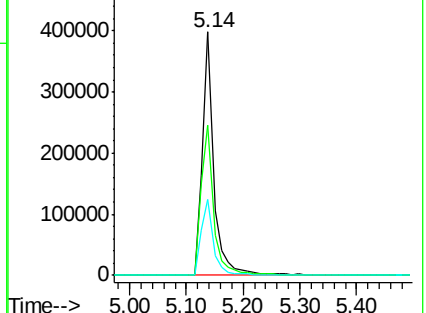
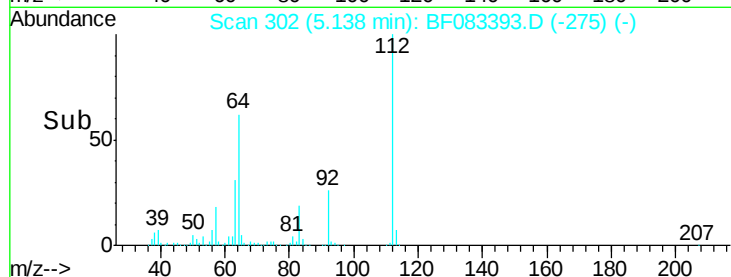
63 31.2 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.39 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

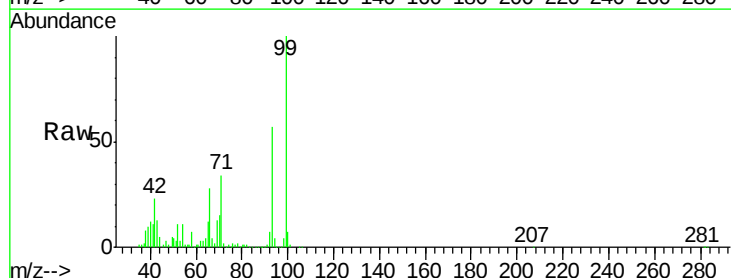
Tgt Ion: 93 Resp: 289110

Ion Ratio Lower Upper

93 100

66 48.9 38.7 58.1

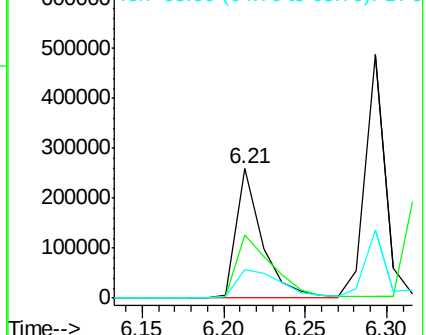
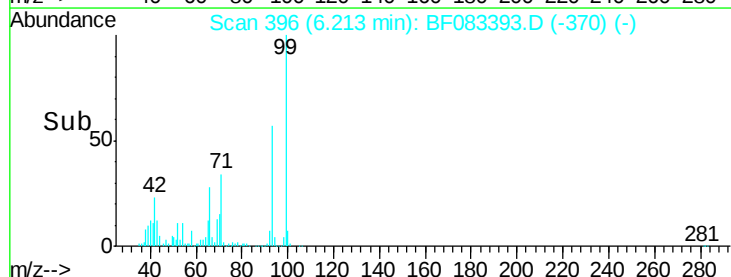
65 21.8 19.0 28.6

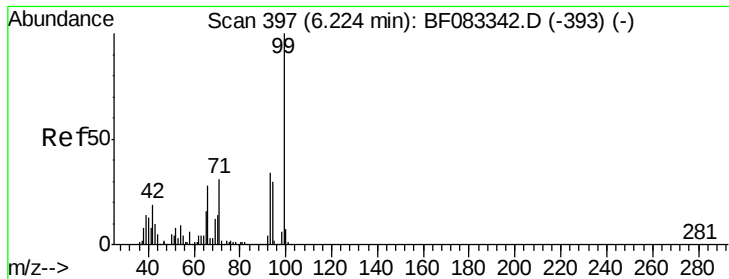


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 35.46 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

BNA_F

ClientSampleId :

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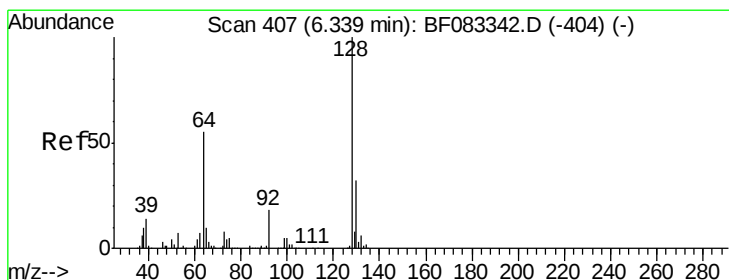
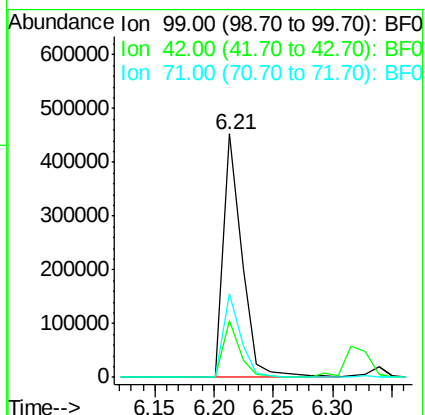
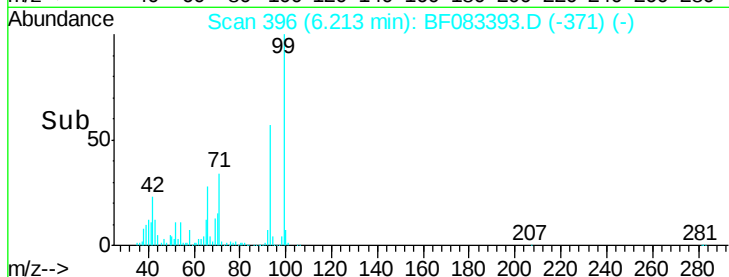
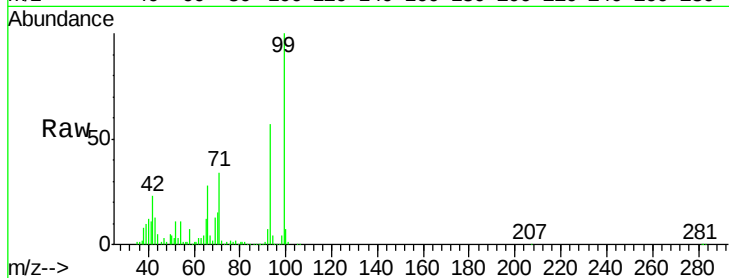
Tgt Ion: 99 Resp: 487115

Ion Ratio Lower Upper

99 100

42 23.5 14.9 22.3#

71 34.3 24.7 37.1



#8

2-Chlorophenol

Concen: 29.68 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

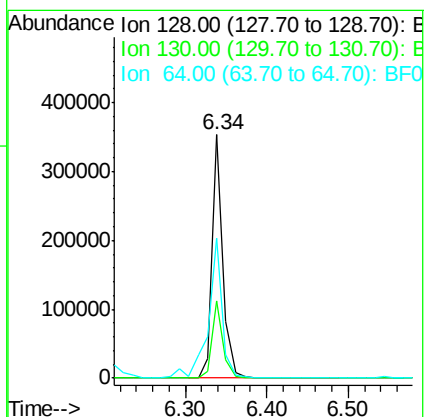
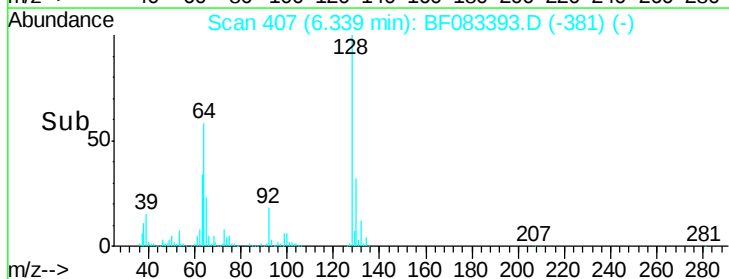
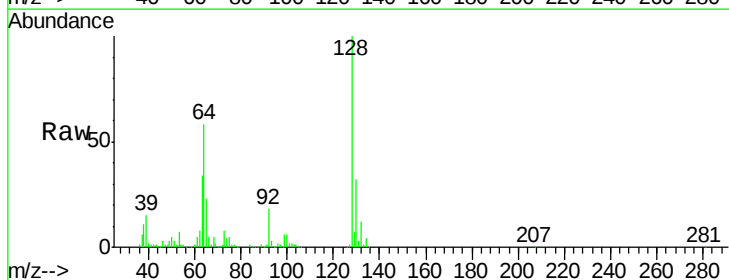
Tgt Ion: 128 Resp: 328587

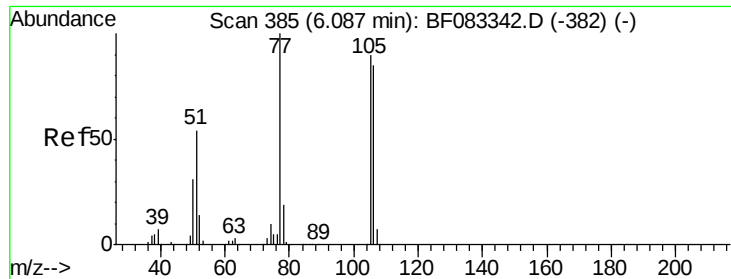
Ion Ratio Lower Upper

128 100

130 31.7 12.3 52.3

64 57.5 36.4 76.4





#9

Benzaldehyde

Concen: 25.77 ng

RT: 6.09 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

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ClientSampleId :

MW-01MS

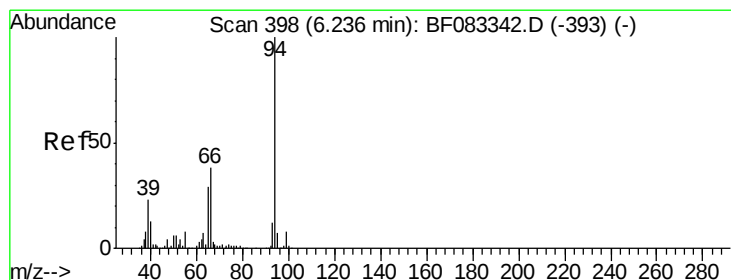
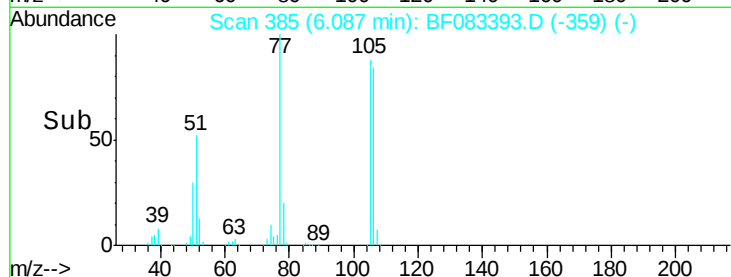
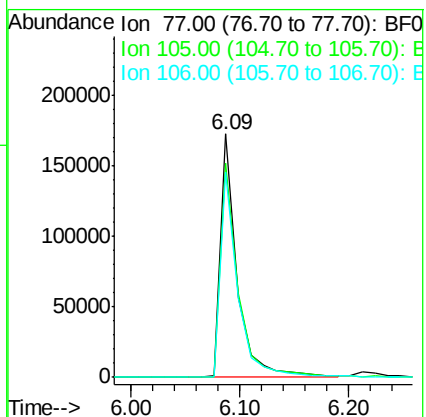
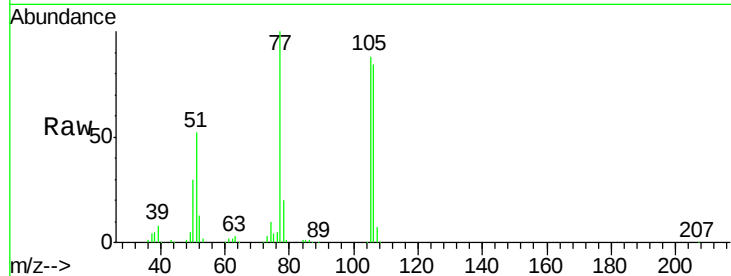
Tgt Ion: 77 Resp: 185226

Ion Ratio Lower Upper

77 100

105 88.1 70.0 110.0

106 84.4 65.0 105.0



#10

Phenol

Concen: 11.41 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

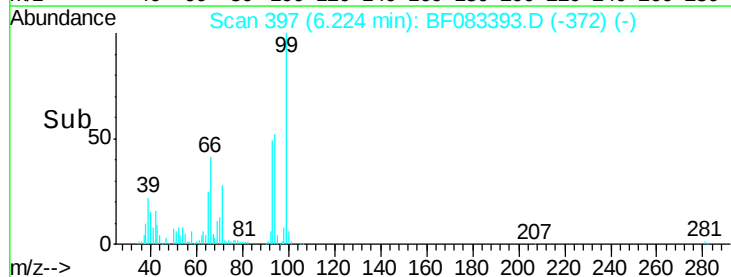
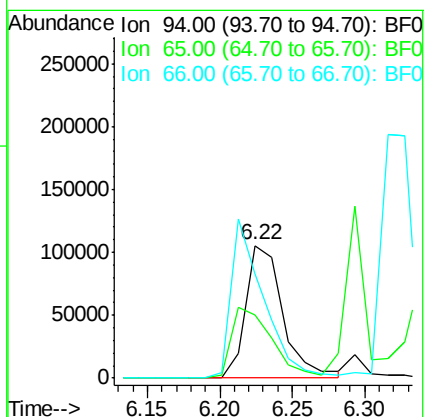
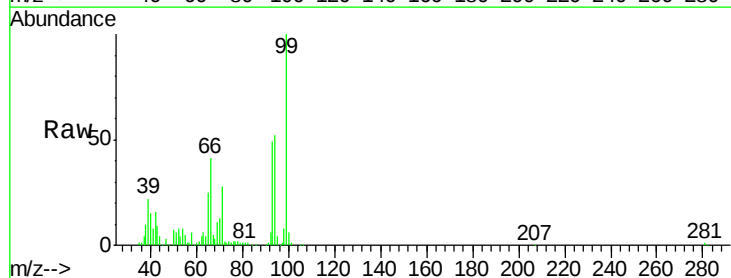
Tgt Ion: 94 Resp: 188529

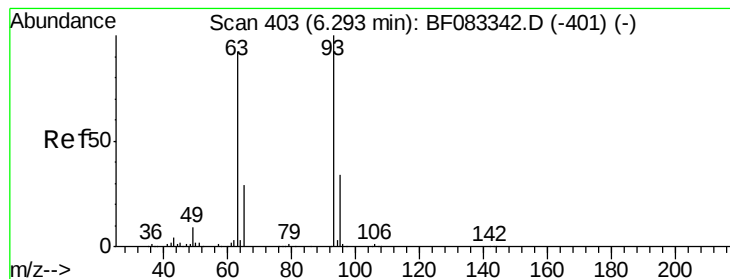
Ion Ratio Lower Upper

94 100

65 47.4 9.5 49.5

66 78.9 17.9 57.9#





#11

bis(2-Chloroethyl)ether

Concen: 35.87 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-01MS

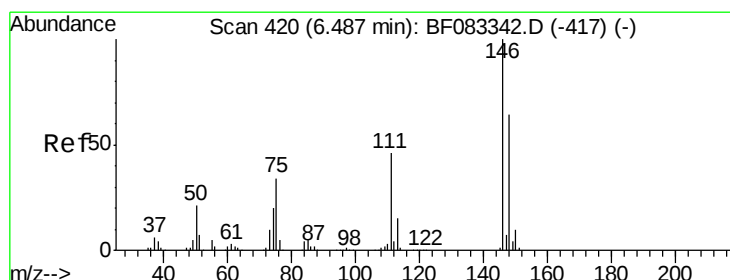
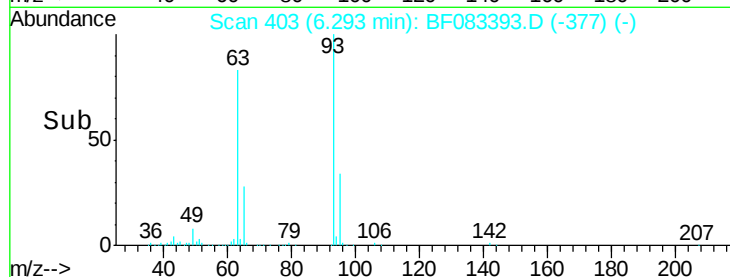
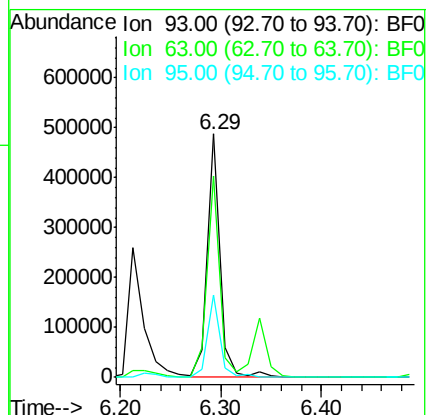
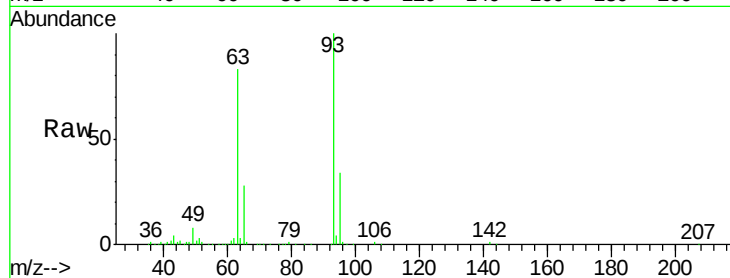
Tgt Ion: 93 Resp: 431292

Ion Ratio Lower Upper

93 100

63 83.0 71.4 111.4

95 34.0 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 32.96 ng

RT: 6.49 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

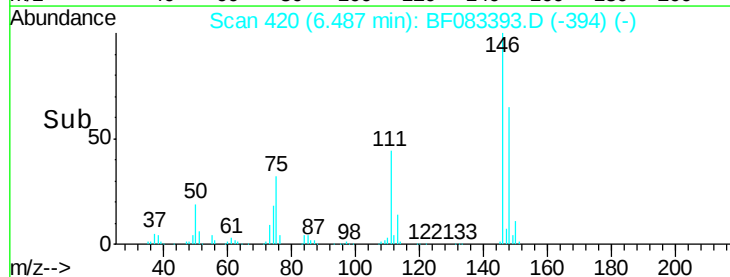
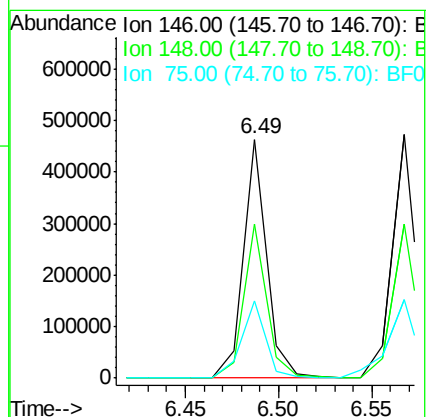
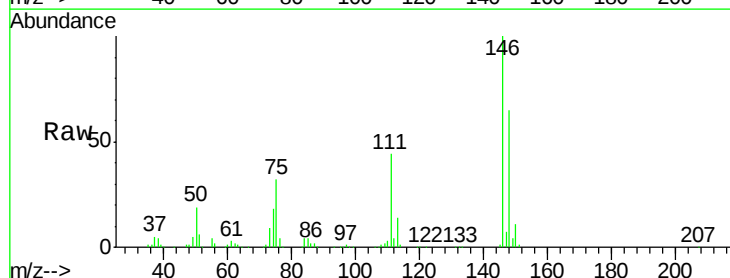
Tgt Ion: 146 Resp: 405581

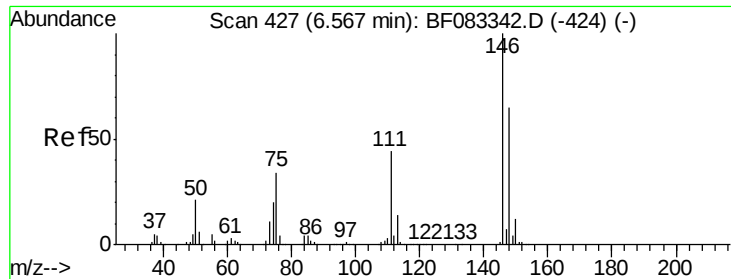
Ion Ratio Lower Upper

146 100

148 64.8 51.1 76.7

75 32.4 27.5 41.3

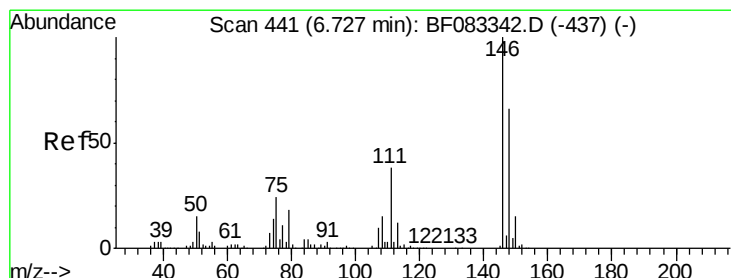
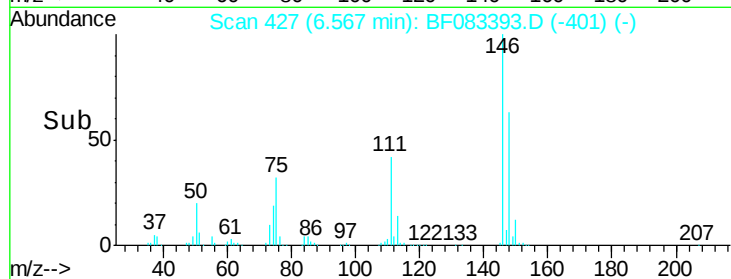
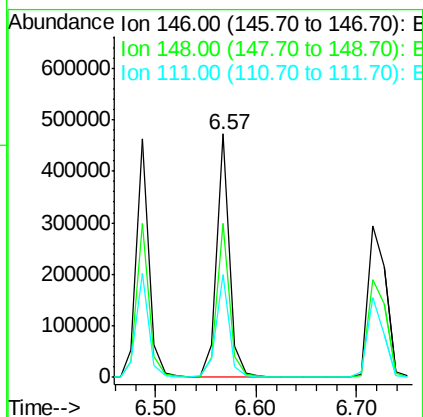
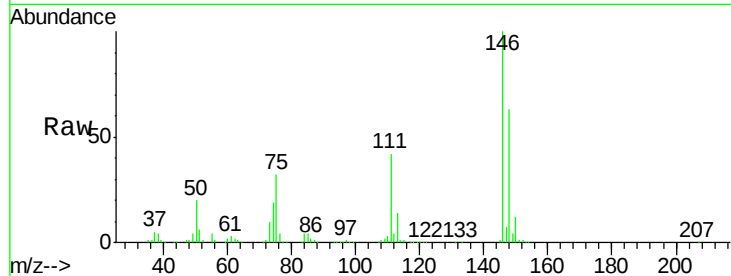




#13
 1,4-Dichlorobenzene
 Concen: 33.09 ng
 RT: 6.57 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF083393.D
 Acq: 2 Dec 2015 1:32

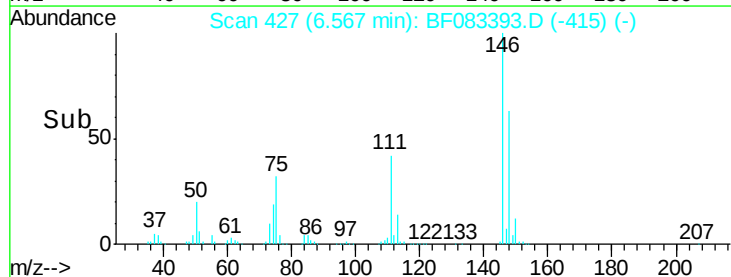
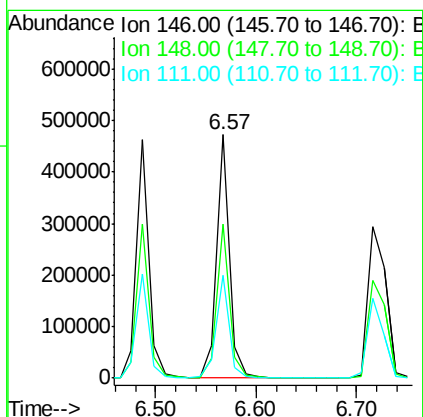
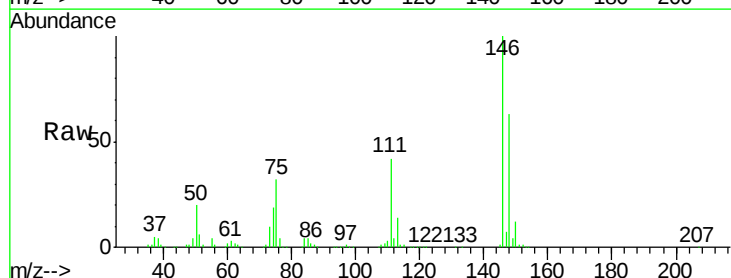
Instrument :
 BNA_F
 ClientSampleId :
 MW-01MS

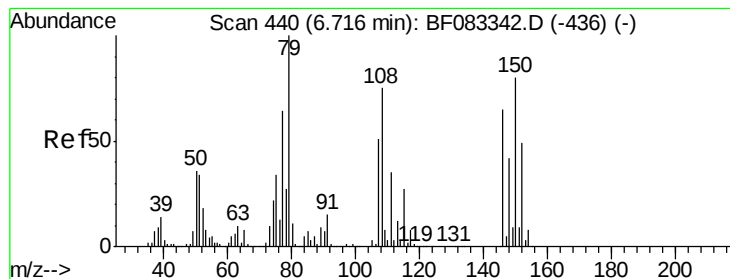
Tgt Ion:146 Resp: 420858
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.1 78.1
 111 42.3 35.4 53.0



#14
 1,2-Dichlorobenzene
 Concen: 36.18 ng
 RT: 6.57 min Scan# 427
 Delta R.T. -0.16 min
 Lab File: BF083393.D
 Acq: 2 Dec 2015 1:32

Tgt Ion:146 Resp: 422110
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.5 78.7
 111 42.3 30.6 46.0





#15

Benzyl Alcohol

Concen: 24.39 ng

RT: 6.72 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-01MS

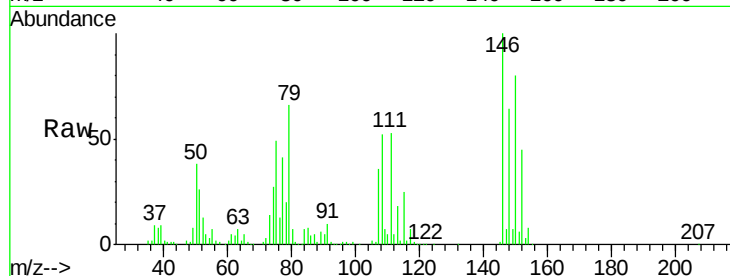
Tgt Ion: 79 Resp: 258906

Ion Ratio Lower Upper

79 100

108 79.0 59.9 89.9

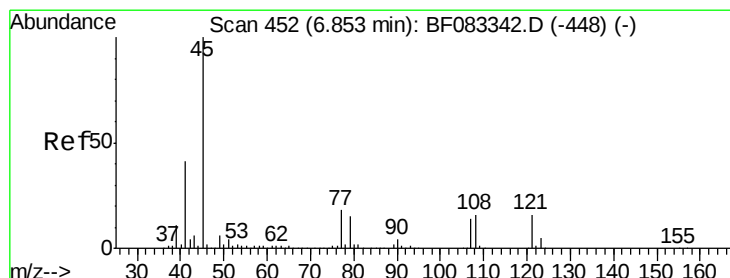
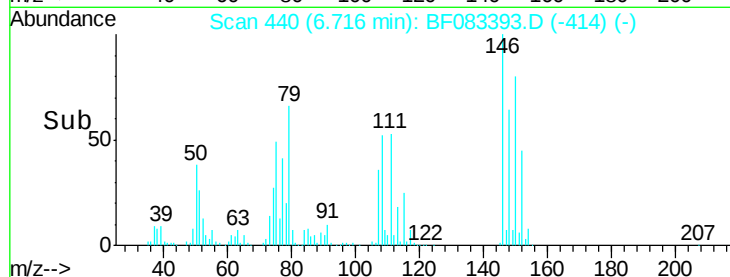
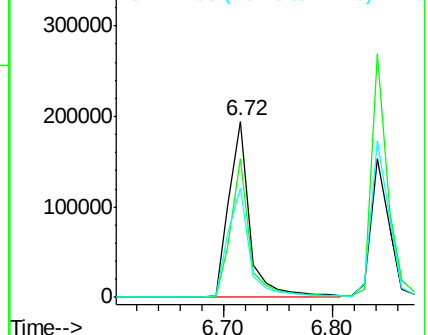
77 62.4 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.17 ng

RT: 6.84 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

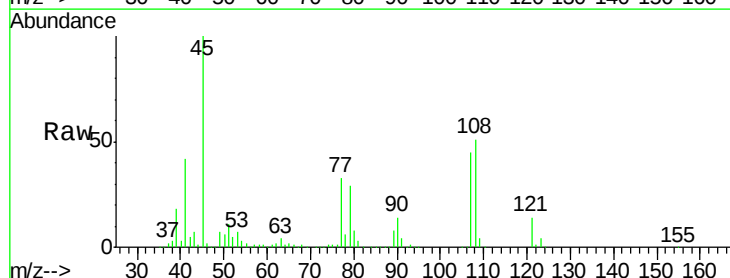
Tgt Ion: 45 Resp: 741878

Ion Ratio Lower Upper

45 100

77 32.9 0.0 38.3

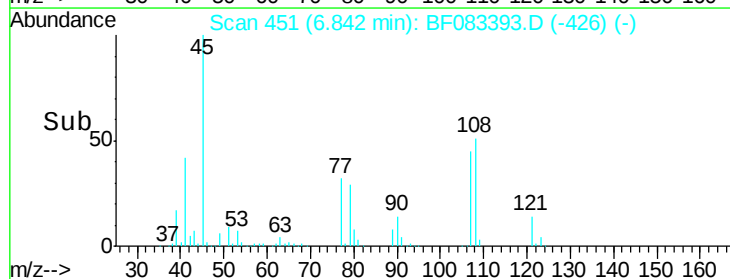
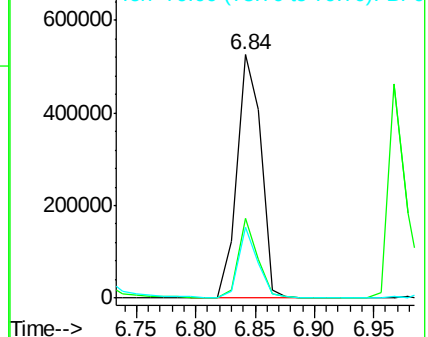
79 29.3 0.0 35.4

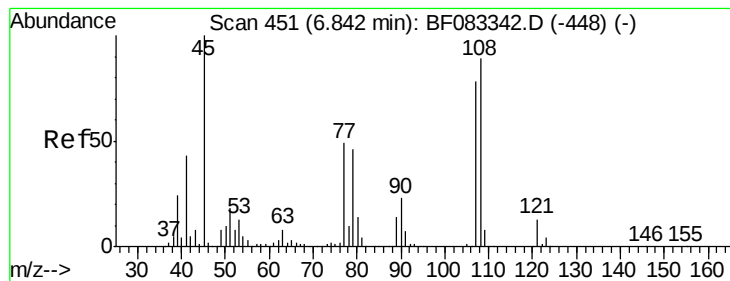


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 25.73 ng

RT: 6.84 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-01MS

Tgt Ion:107 Resp: 237392

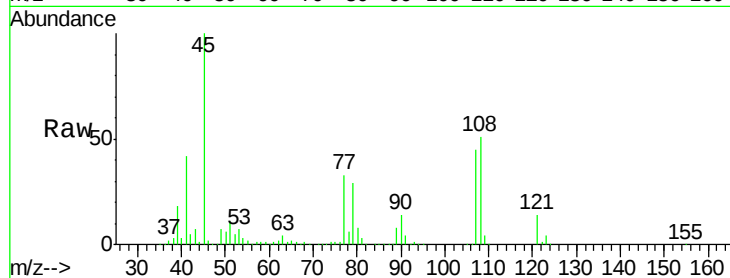
Ion Ratio Lower Upper

107 100

108 114.0 91.6 137.4

77 73.2 49.9 74.9

79 65.2 47.3 70.9

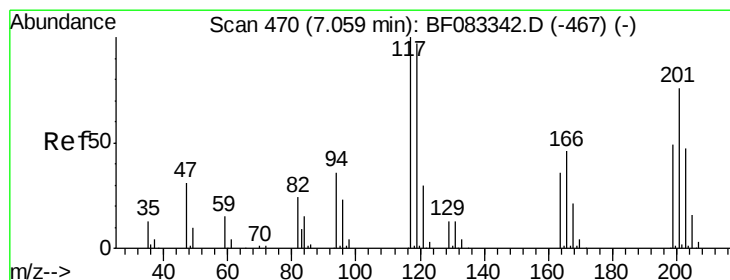
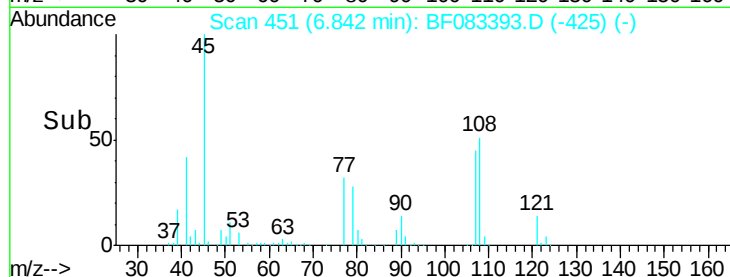
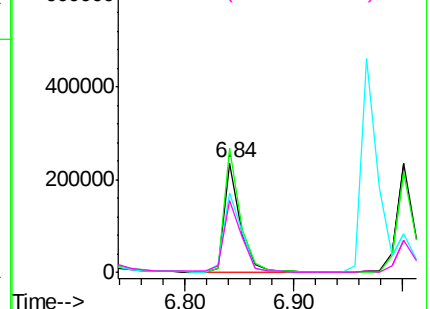


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 32.24 ng

RT: 7.06 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

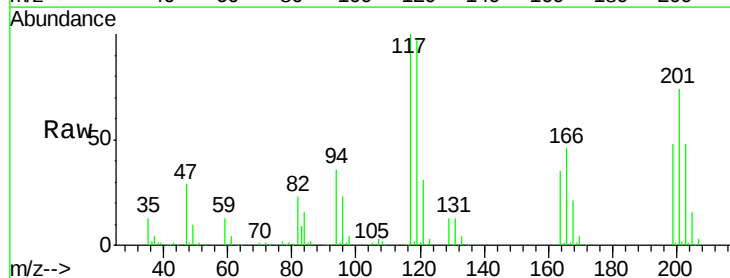
Tgt Ion:117 Resp: 142400

Ion Ratio Lower Upper

117 100

119 96.8 77.3 115.9

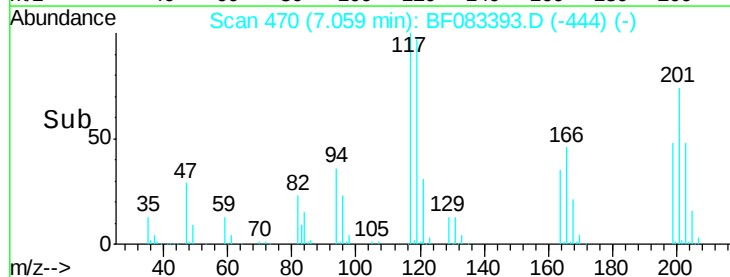
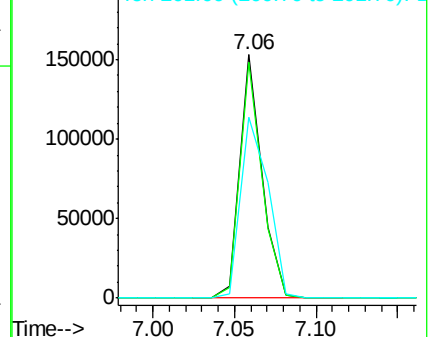
201 74.3 60.6 90.8

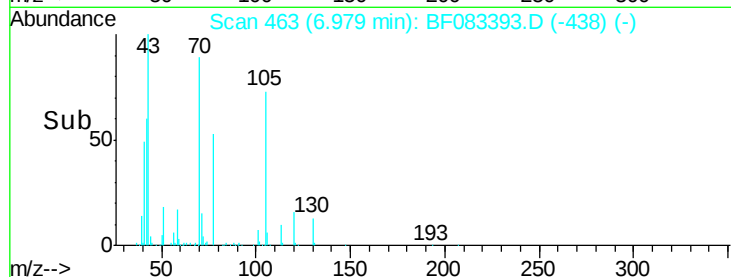
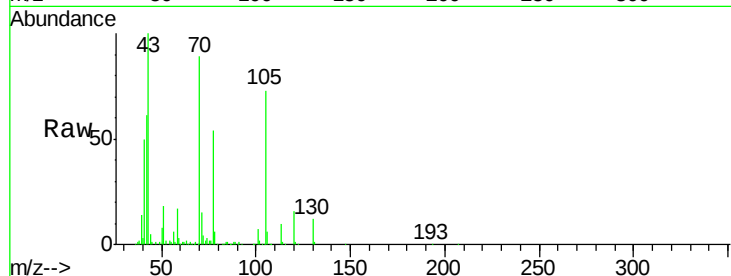
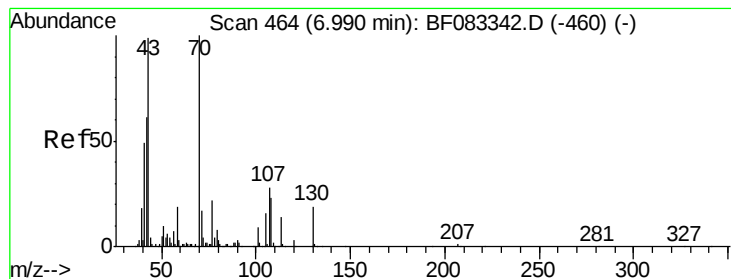


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.72 ng

RT: 6.98 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-01MS

Tgt Ion: 70 Resp: 331099

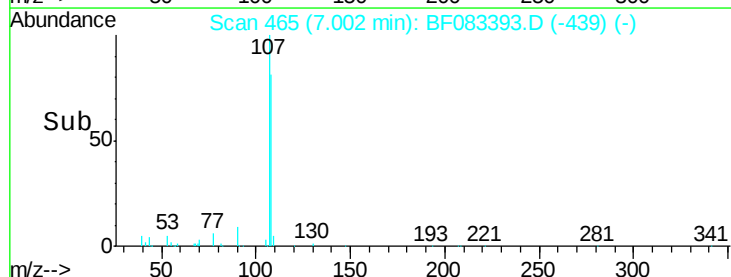
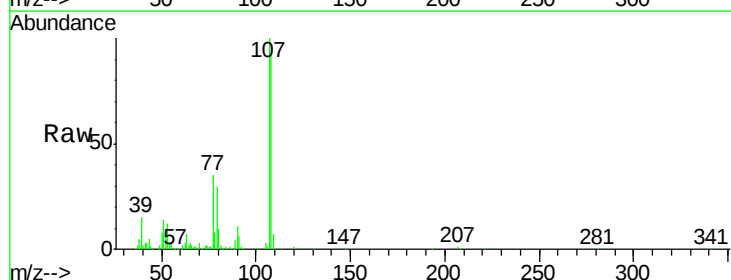
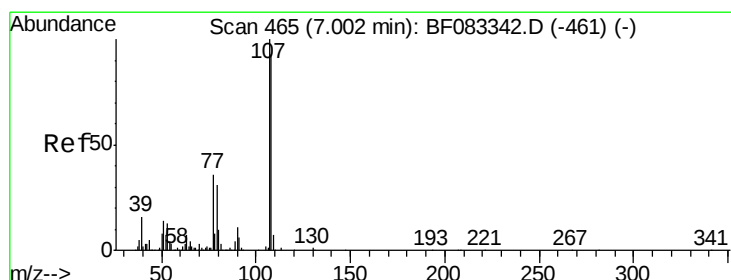
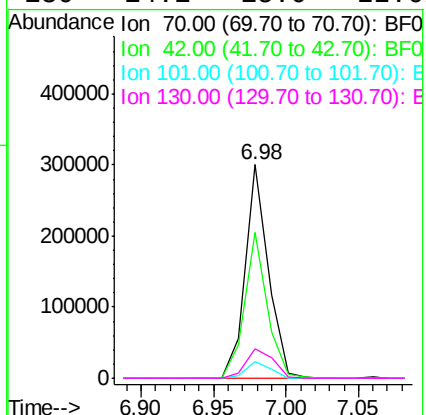
Ion Ratio Lower Upper

70 100

42 68.5 48.8 73.2

101 7.7 7.1 10.7

130 14.1 15.0 22.6#



#20

3+4-Methylphenols

Concen: 21.77 ng

RT: 7.00 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Tgt Ion:107 Resp: 272007

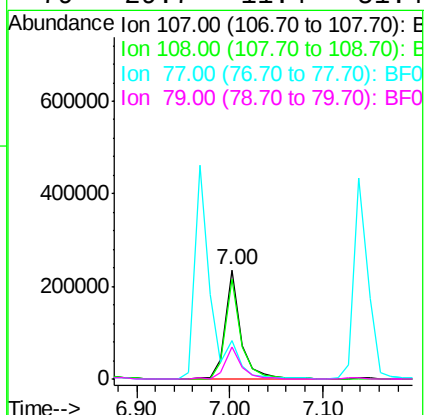
Ion Ratio Lower Upper

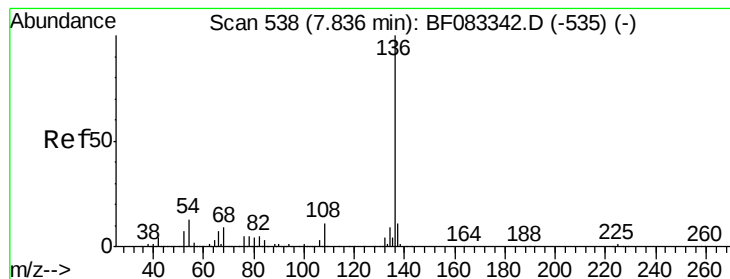
107 100

108 92.0 73.0 113.0

77 35.2 16.8 56.8

79 29.7 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: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-01MS

Tgt Ion:136 Resp: 572284

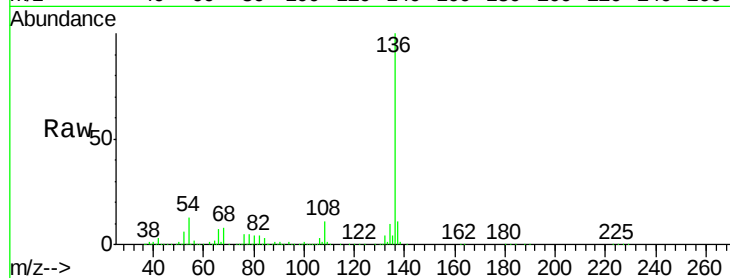
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 12.6 10.1 15.1

68 8.3 7.1 10.7

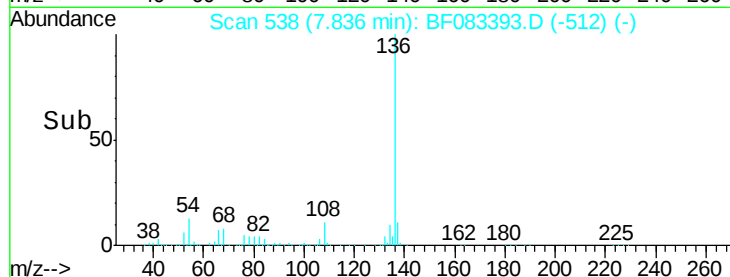


Abundance Ion 136.00 (135.70 to 136.70): E

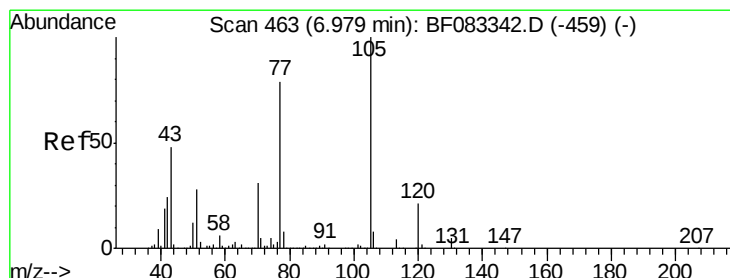
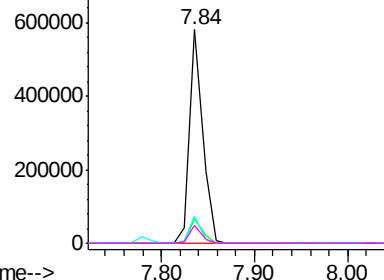
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 32.89 ng

RT: 6.97 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Tgt Ion:105 Resp: 563098

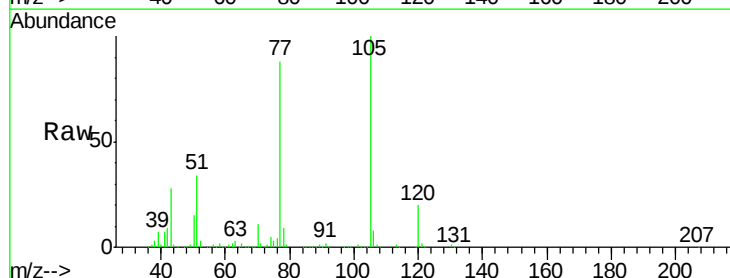
Ion Ratio Lower Upper

105 100

71 1.8 4.3 6.5#

51 34.4 22.9 34.3#

120 19.6 16.7 25.1

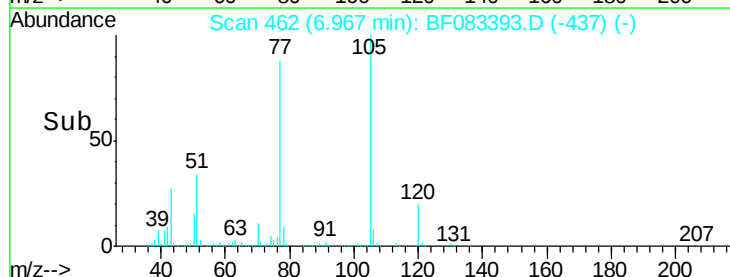


Abundance Ion 105.00 (104.70 to 105.70): E

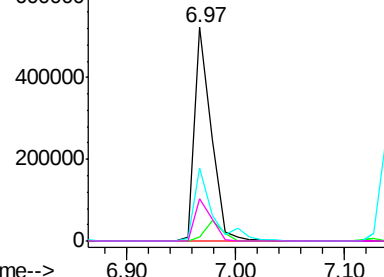
Ion 71.00 (70.70 to 71.70): BF0

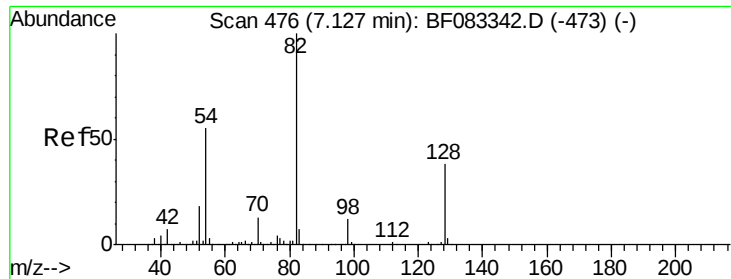
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

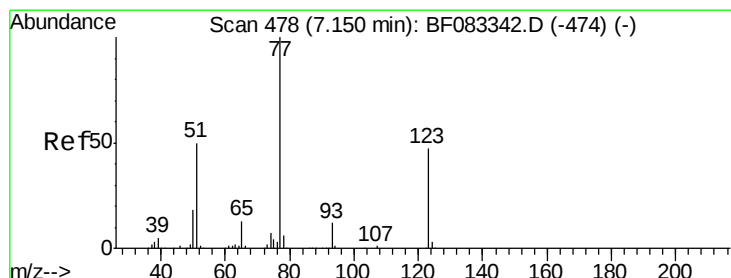
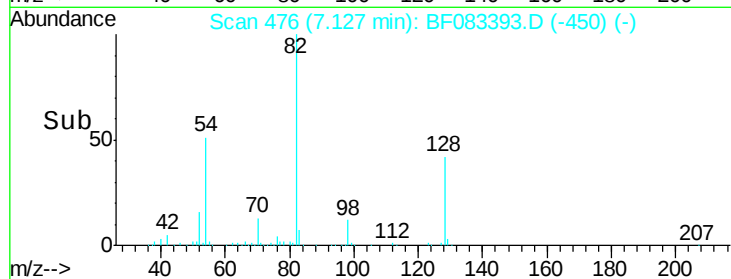
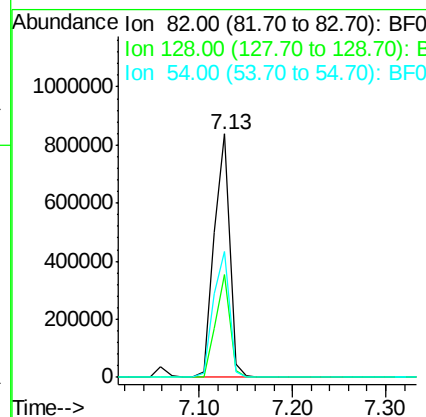
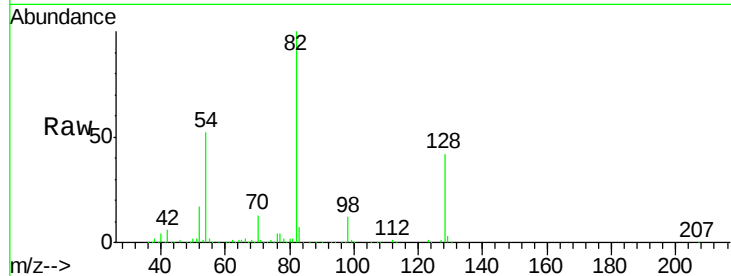




#23
 Nitrobenzene-d5
 Concen: 74.74 ng
 RT: 7.13 min Scan# 476
 Delta R.T. -0.00 min
 Lab File: BF083393.D
 Acq: 2 Dec 2015 1:32

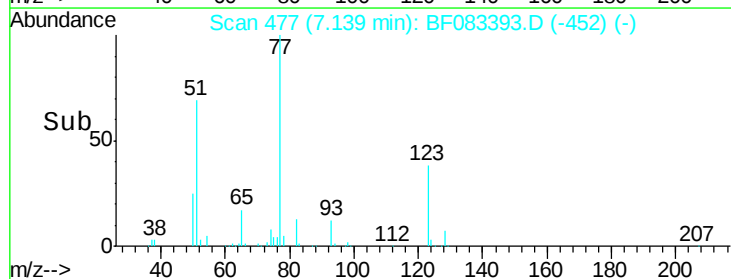
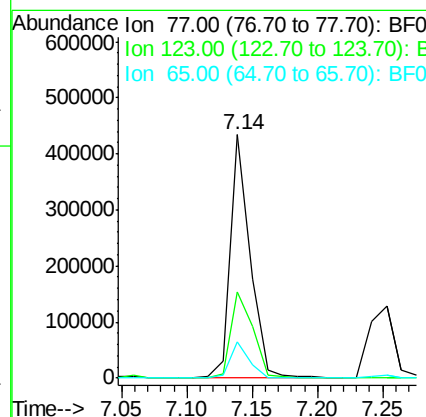
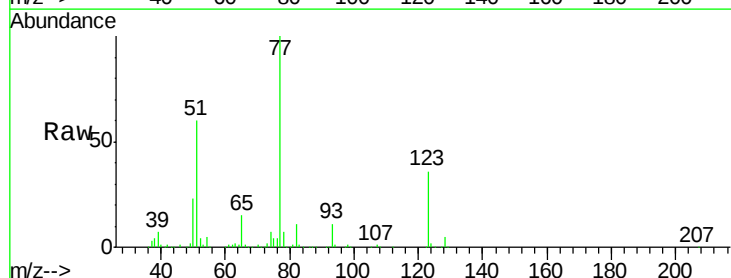
Instrument :
 BNA_F
 ClientSampleId :
 MW-01MS

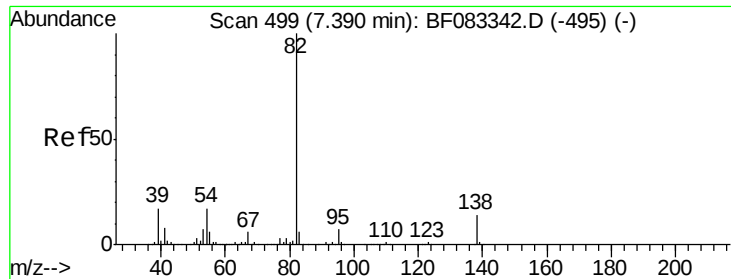
Tgt Ion: 82 Resp: 973039
 Ion Ratio Lower Upper
 82 100
 128 42.3 30.6 46.0
 54 51.5 43.8 65.6



#24
 Nitrobenzene
 Concen: 32.49 ng
 RT: 7.14 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF083393.D
 Acq: 2 Dec 2015 1:32

Tgt Ion: 77 Resp: 451672
 Ion Ratio Lower Upper
 77 100
 123 35.6 37.4 56.0#
 65 14.7 10.6 15.8





#25

Isophorone

Concen: 34.79 ng

RT: 7.39 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-01MS

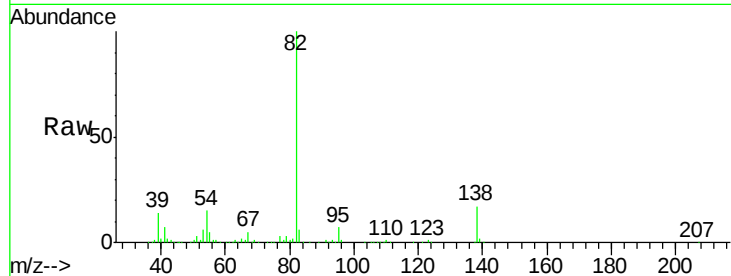
Tgt Ion: 82 Resp: 877239

Ion Ratio Lower Upper

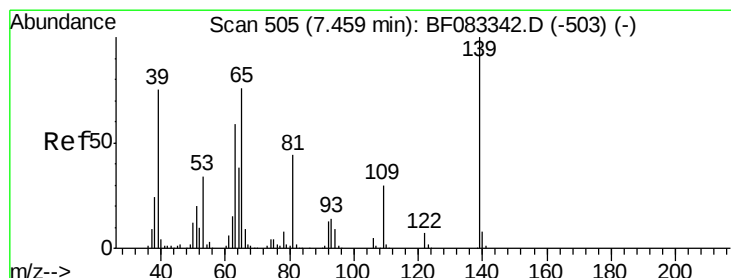
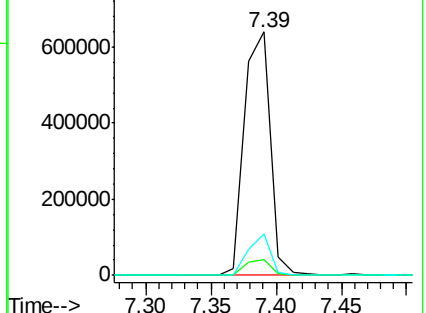
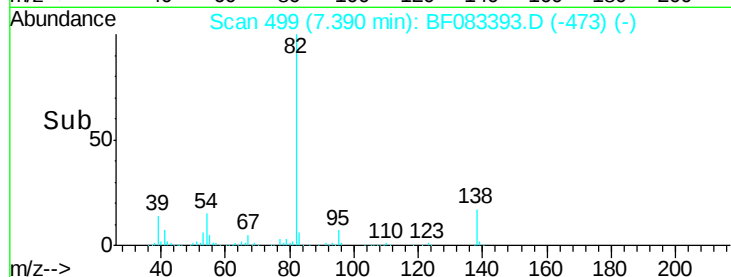
82 100

95 6.6 5.3 7.9

138 17.0 11.6 17.4



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



#26

2-Nitrophenol

Concen: 33.14 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

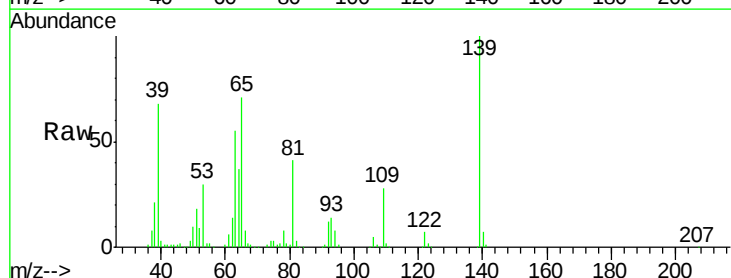
Tgt Ion: 139 Resp: 188072

Ion Ratio Lower Upper

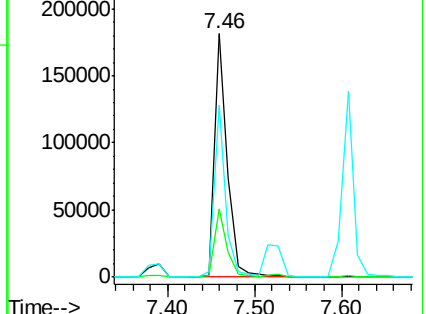
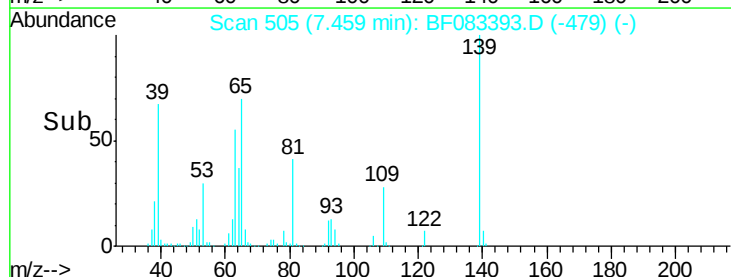
139 100

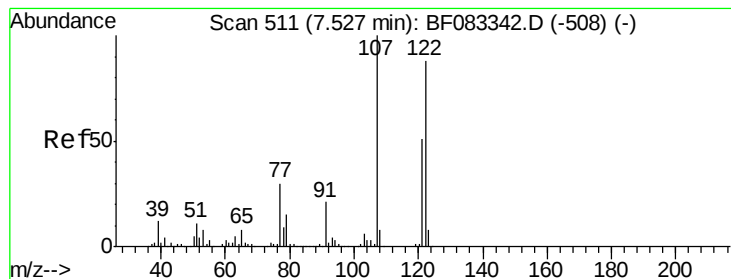
109 28.2 24.2 36.4

65 70.7 61.0 91.6



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





#27

2,4-Dimethylphenol

Concen: 31.69 ng

RT: 7.53 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-01MS

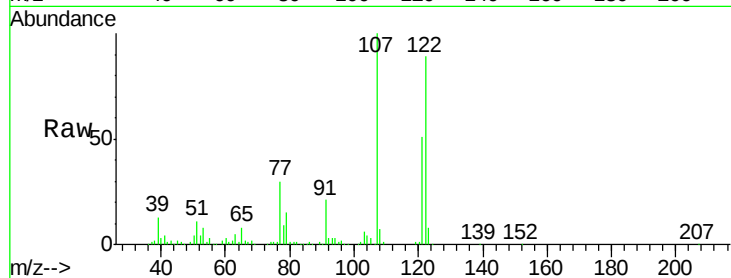
Tgt Ion:122 Resp: 301475

Ion Ratio Lower Upper

122 100

107 112.6 91.2 136.8

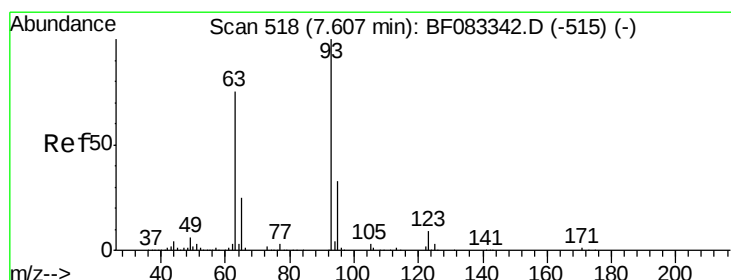
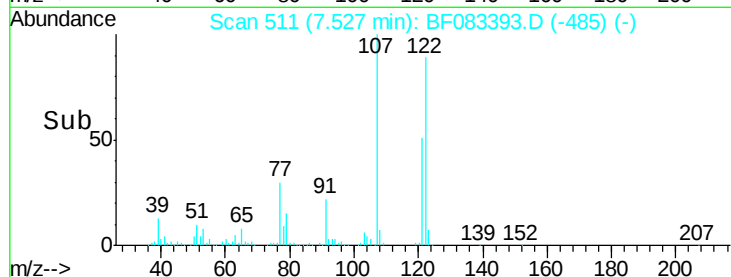
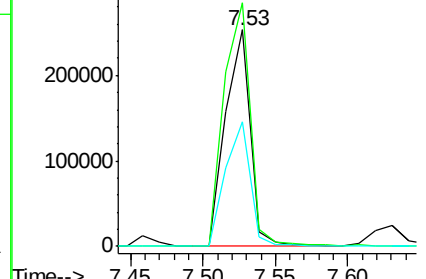
121 57.5 46.4 69.6



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: 37.43 ng

RT: 7.61 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

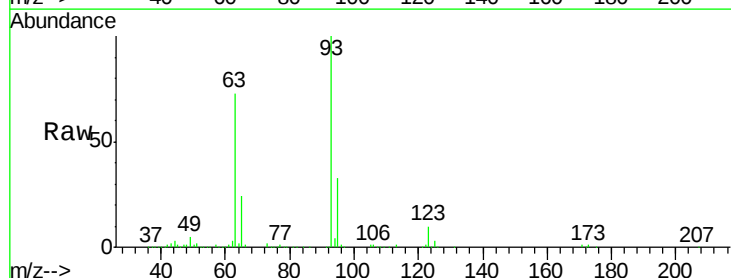
Tgt Ion: 93 Resp: 537558

Ion Ratio Lower Upper

93 100

95 33.0 26.1 39.1

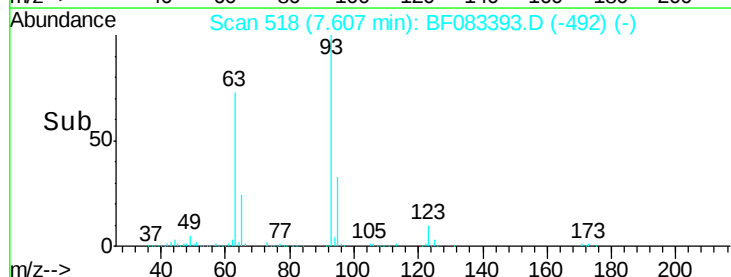
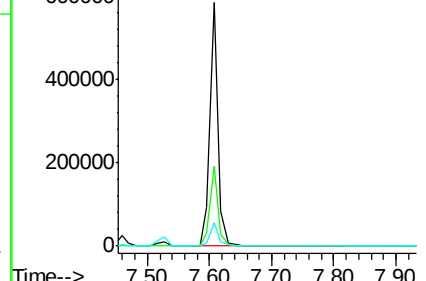
123 9.5 7.4 11.0

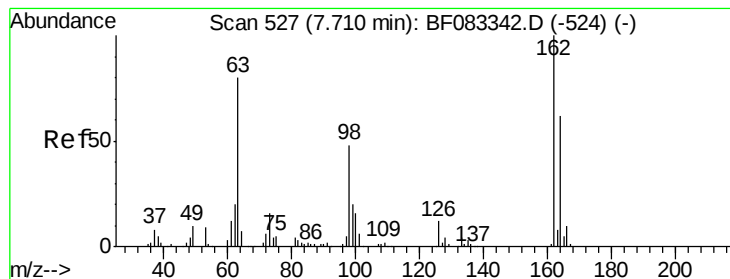


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 34.46 ng

RT: 7.71 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-01MS

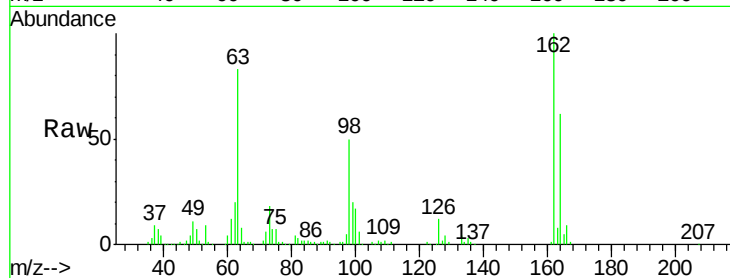
Tgt Ion:162 Resp: 315300

Ion Ratio Lower Upper

162 100

164 62.4 41.9 81.9

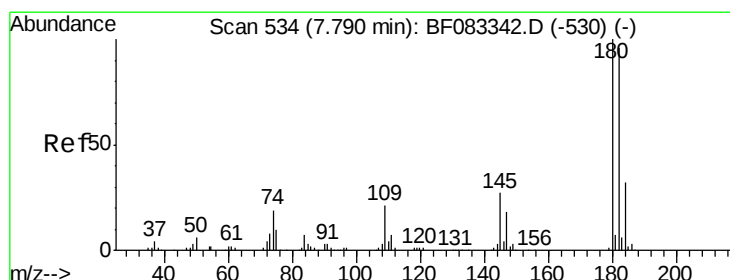
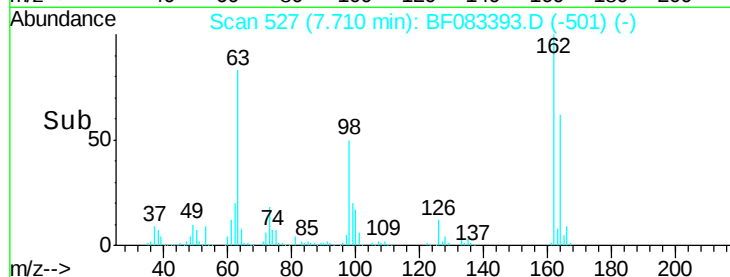
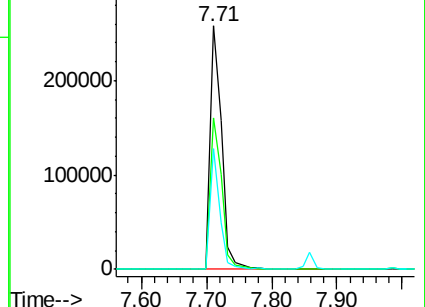
98 49.5 28.1 68.1



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: 33.50 ng

RT: 7.78 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

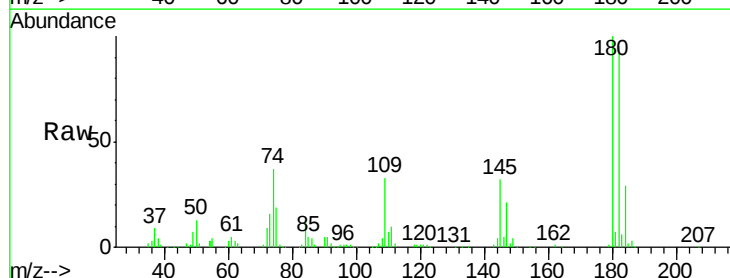
Tgt Ion:180 Resp: 333602

Ion Ratio Lower Upper

180 100

182 94.5 77.2 115.8

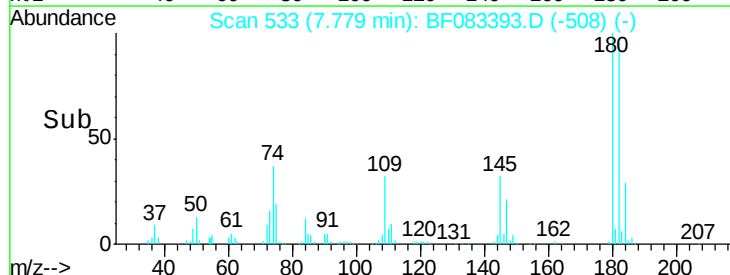
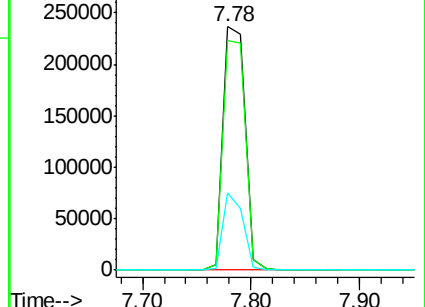
145 31.9 21.4 32.2

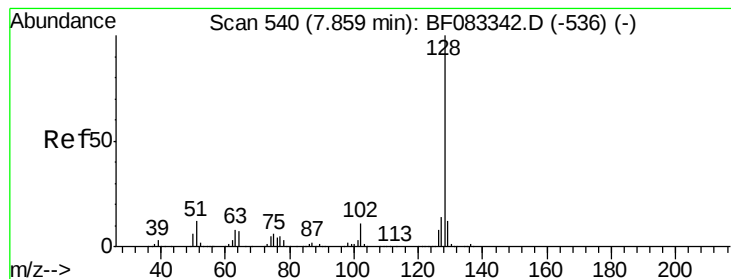


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.13 ng

RT: 7.86 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-01MS

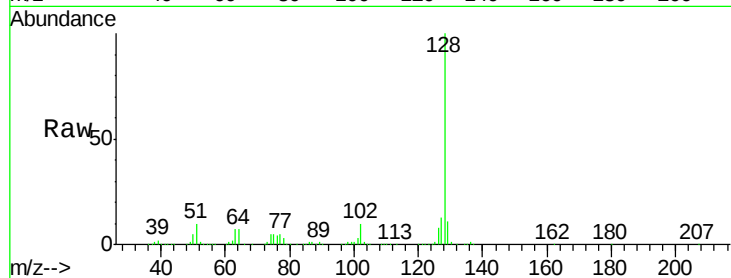
Tgt Ion:128 Resp: 1122017

Ion Ratio Lower Upper

128 100

129 11.2 9.7 14.5

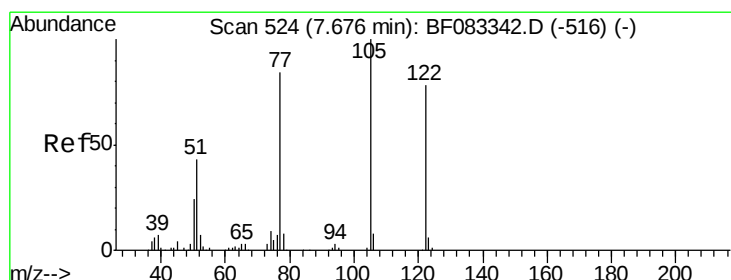
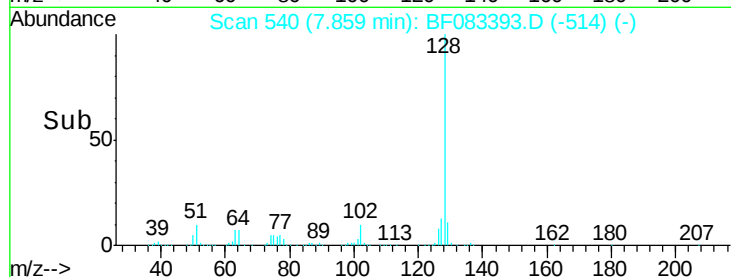
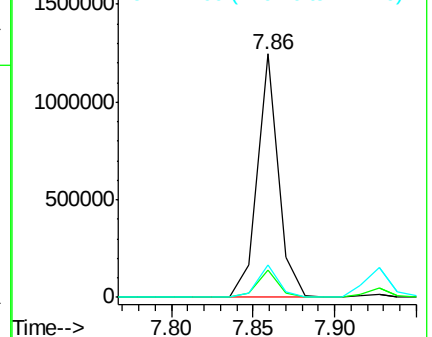
127 13.4 11.0 16.4



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: 6.75 ng

RT: 7.63 min Scan# 520

Delta R.T. -0.05 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

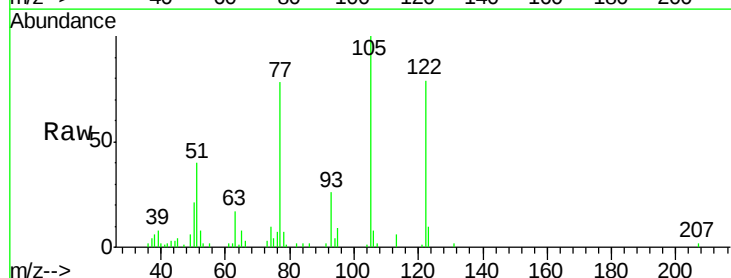
Tgt Ion:122 Resp: 44273

Ion Ratio Lower Upper

122 100

105 126.2 106.0 146.0

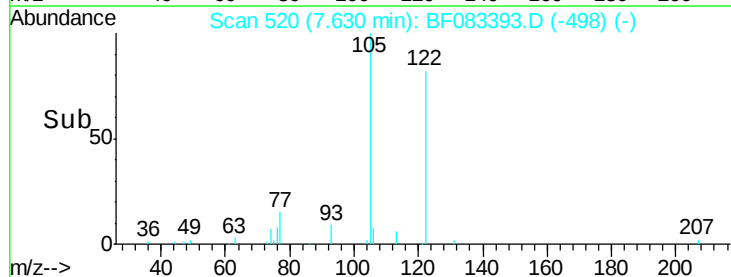
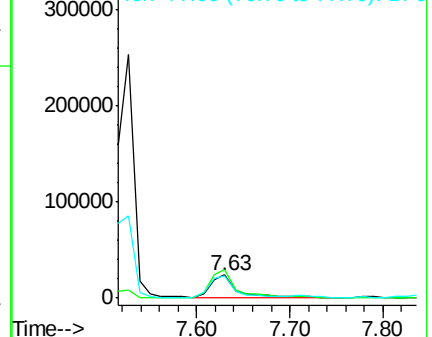
77 98.4 86.3 126.3

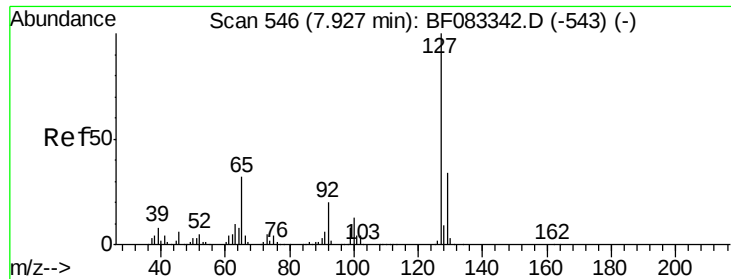


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

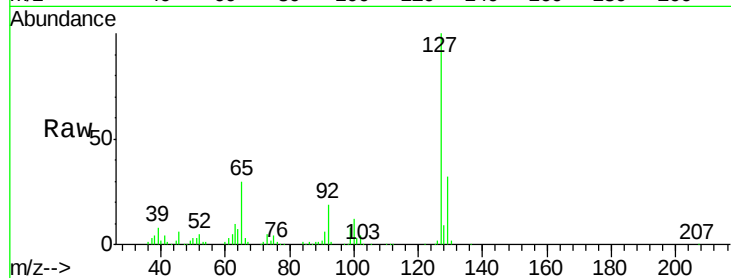




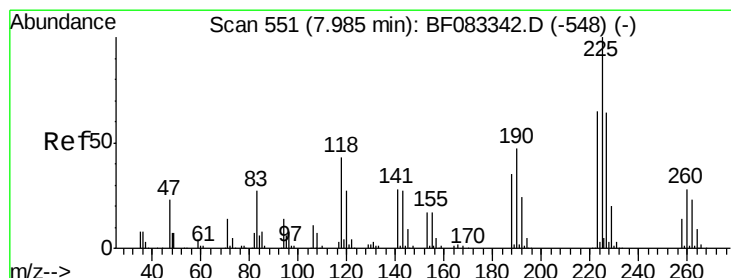
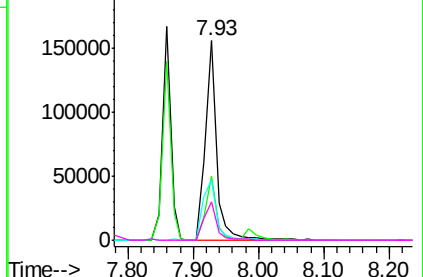
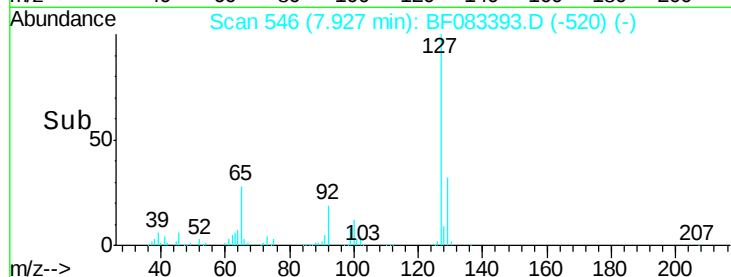
#33
 4-Chloroaniline
 Concen: 14.13 ng
 RT: 7.93 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF083393.D
 Acq: 2 Dec 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MS

Tgt Ion:	127	Resp:	189181
Ion	Ratio	Lower	Upper
127	100		
129	31.8	27.0	40.4
65	30.1	25.9	38.9
92	19.1	15.8	23.8

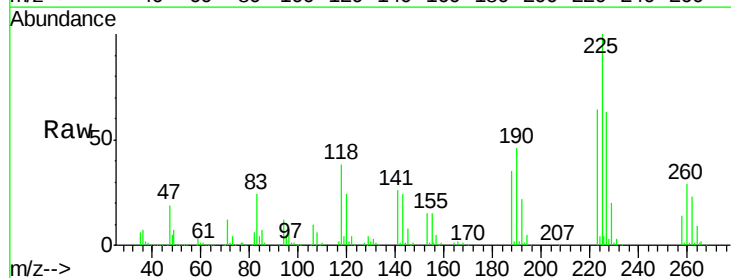


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

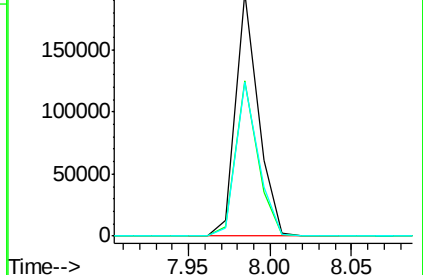
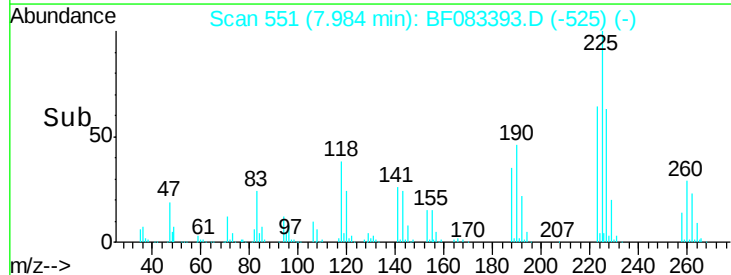


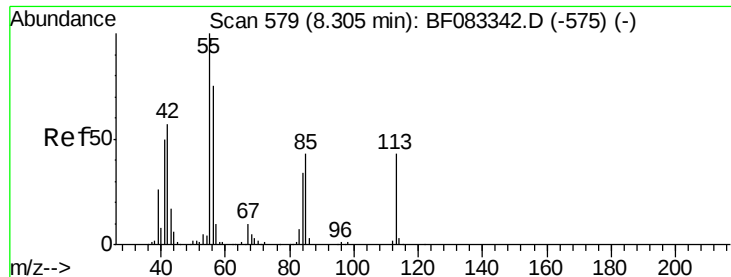
#34
 Hexachlorobutadiene
 Concen: 33.04 ng
 RT: 7.98 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF083393.D
 Acq: 2 Dec 2015 1:32

Tgt Ion:	225	Resp:	186801
Ion	Ratio	Lower	Upper
225	100		
223	63.7	52.0	78.0
227	63.3	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

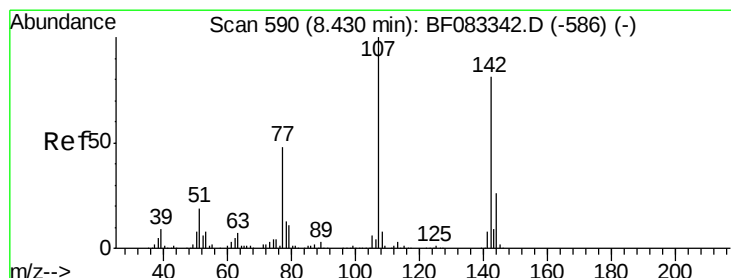
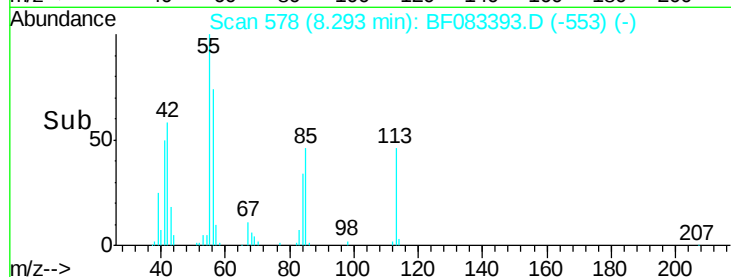
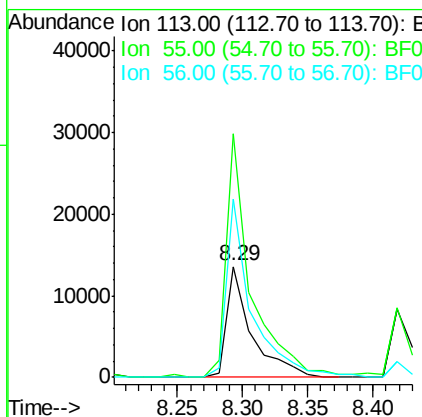
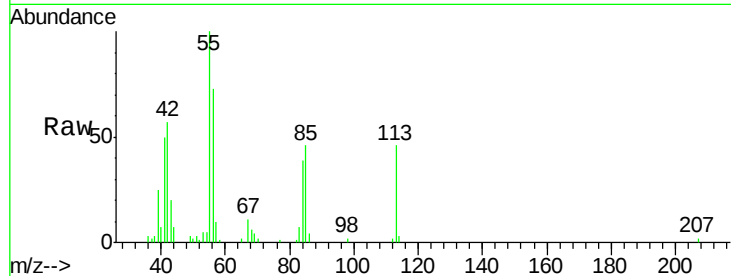




#35
 Caprolactam
 Concen: 6.31 ng
 RT: 8.29 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF083393.D
 Acq: 2 Dec 2015 1:32

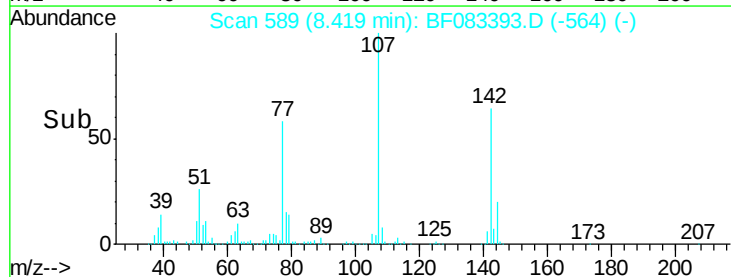
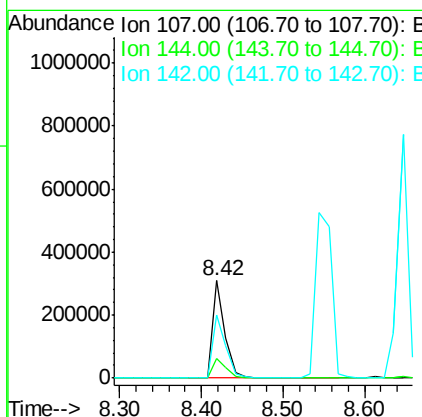
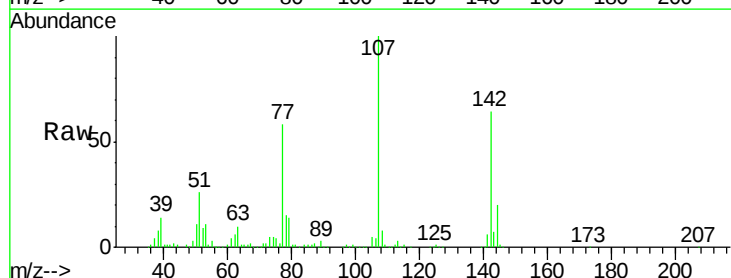
Instrument :
 BNA_F
 ClientSampleId :
 MW-01MS

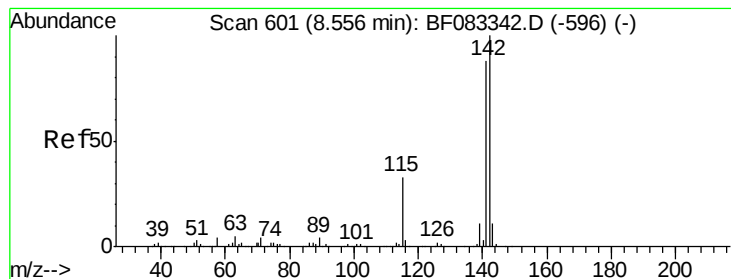
Tgt Ion:113 Resp: 18232
 Ion Ratio Lower Upper
 113 100
 55 219.2 211.6 251.6
 56 160.1 153.0 193.0



#36
 4-Chloro-3-methylphenol
 Concen: 31.68 ng
 RT: 8.42 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: BF083393.D
 Acq: 2 Dec 2015 1:32

Tgt Ion:107 Resp: 325124
 Ion Ratio Lower Upper
 107 100
 144 20.1 21.1 31.7#
 142 64.3 65.1 97.7#





#37

2-Methylnaphthalene

Concen: 34.25 ng

RT: 8.54 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-01MS

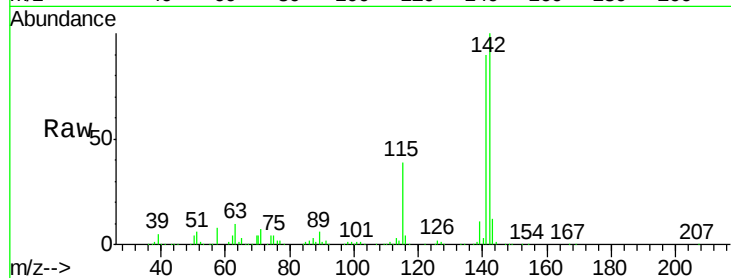
Tgt Ion:142 Resp: 710820

Ion Ratio Lower Upper

142 100

141 90.0 70.6 105.8

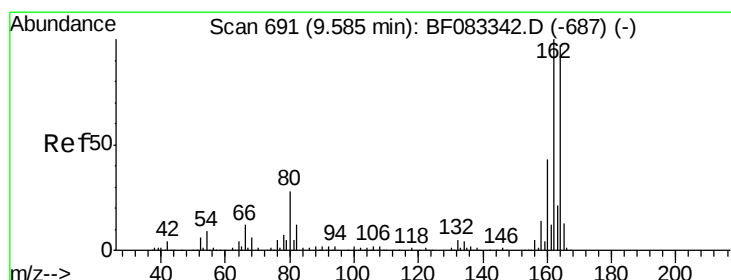
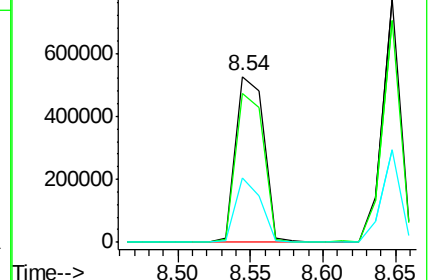
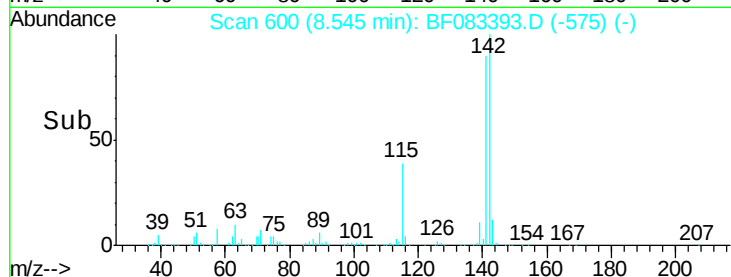
115 38.7 26.2 39.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

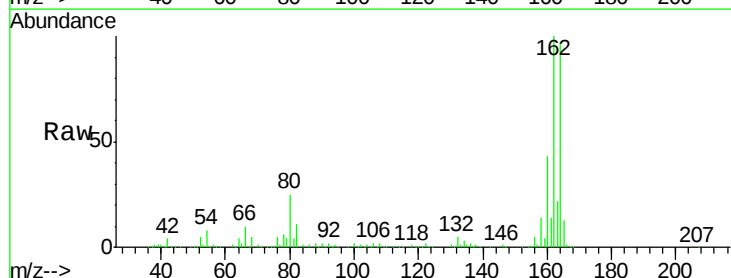
Tgt Ion:164 Resp: 295299

Ion Ratio Lower Upper

164 100

162 103.5 82.6 123.8

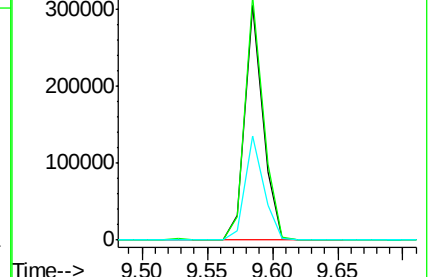
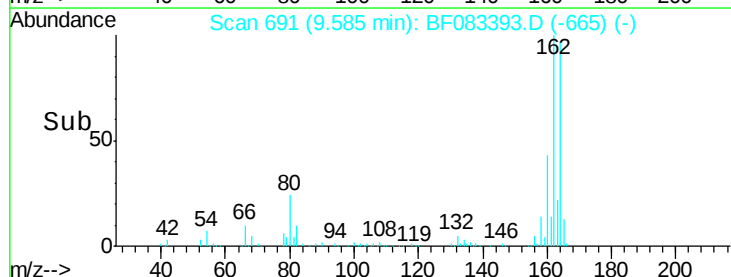
160 44.3 35.3 52.9

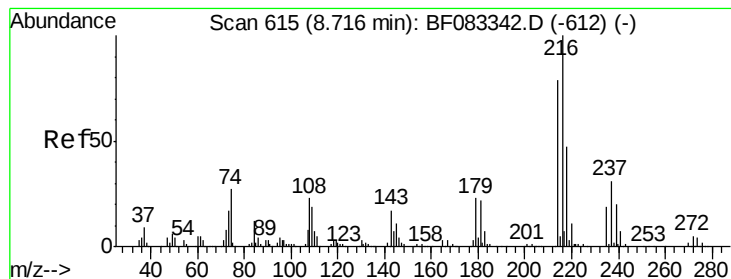


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.00 ng

RT: 8.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-01MS

Tgt Ion:216 Resp: 318248

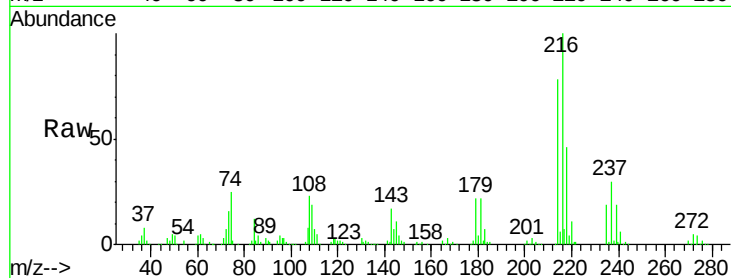
Ion Ratio Lower Upper

216 100

214 78.2 62.3 93.5

179 21.4 17.0 25.4

108 22.0 16.7 25.1

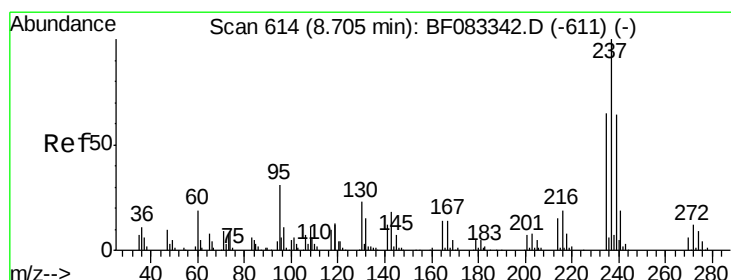
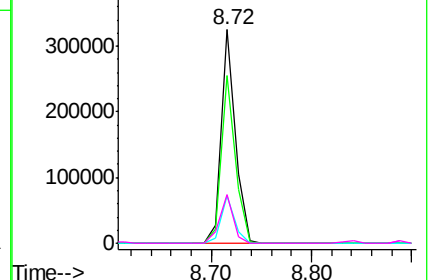
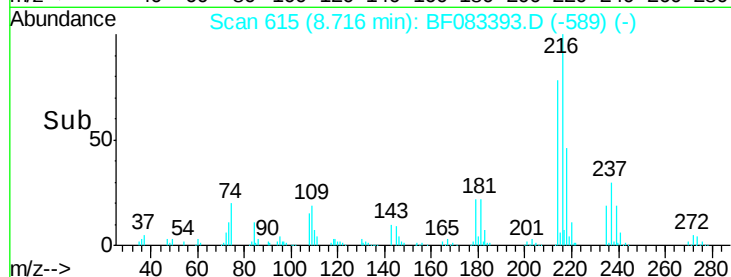


Abundance Ion 216.00 (215.70 to 216.70): E

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: 44.96 ng

RT: 8.70 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

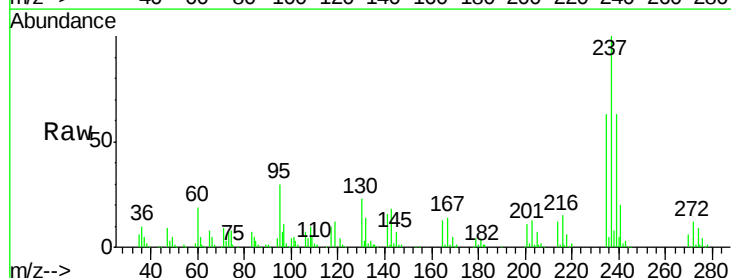
Tgt Ion:237 Resp: 199935

Ion Ratio Lower Upper

237 100

235 63.5 44.5 84.5

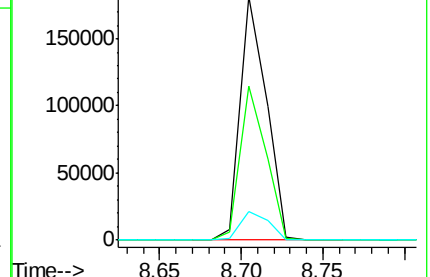
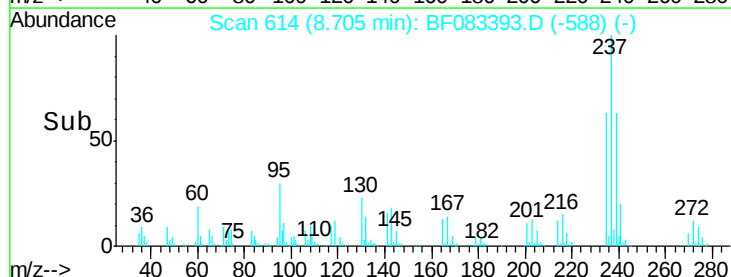
272 11.6 0.0 31.6

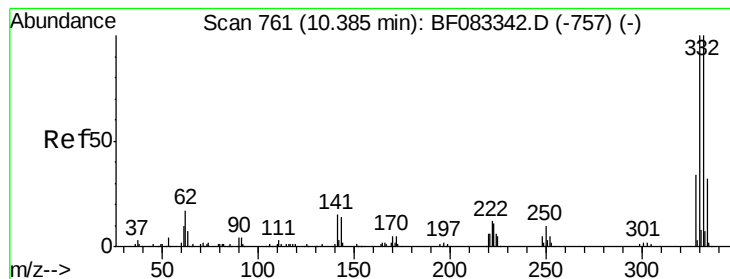


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

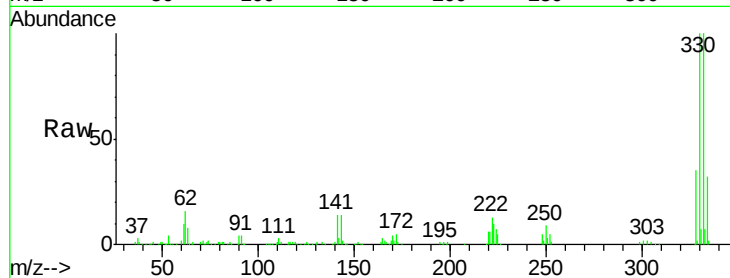




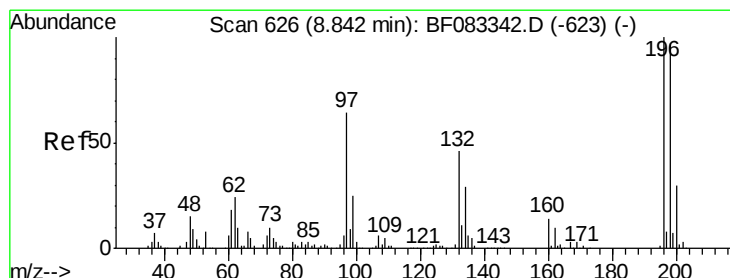
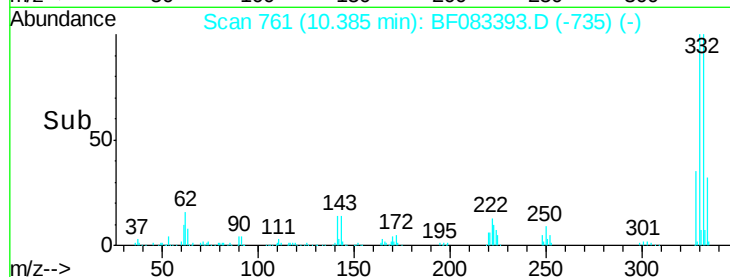
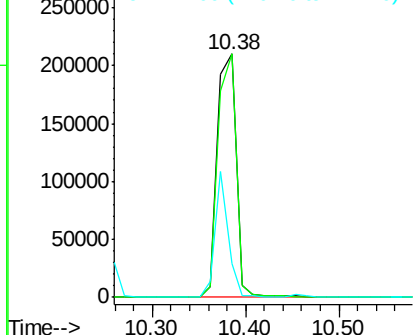
#41
 2,4,6-Tribromophenol
 Concen: 99.84 ng
 RT: 10.38 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF083393.D
 Acq: 2 Dec 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MS

Tgt Ion:330 Resp: 295958
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.8 116.6
 141 36.3 29.4 44.0

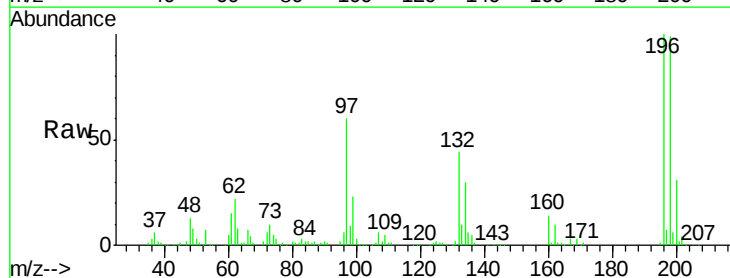


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

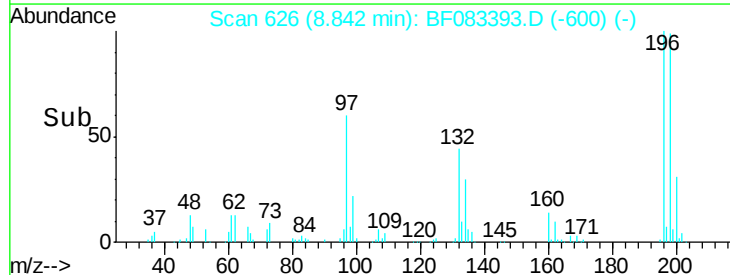
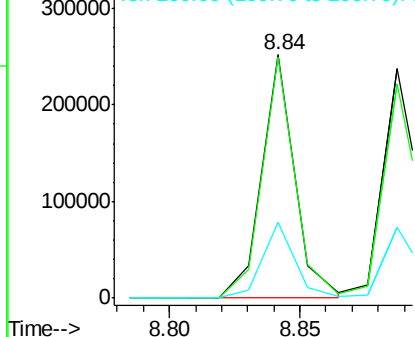


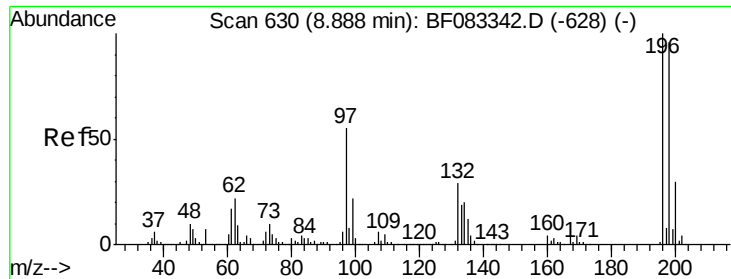
#42
 2,4,6-Trichlorophenol
 Concen: 33.76 ng
 RT: 8.84 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF083393.D
 Acq: 2 Dec 2015 1:32

Tgt Ion:196 Resp: 221690
 Ion Ratio Lower Upper
 196 100
 198 98.8 77.2 115.8
 200 31.0 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

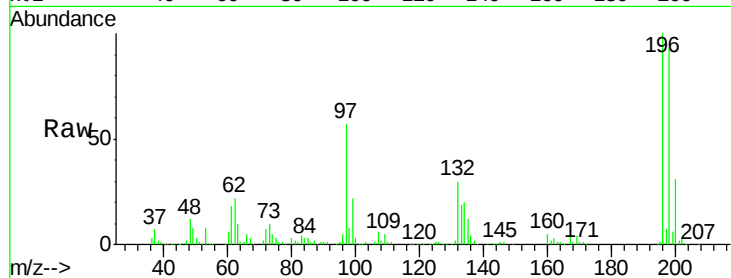




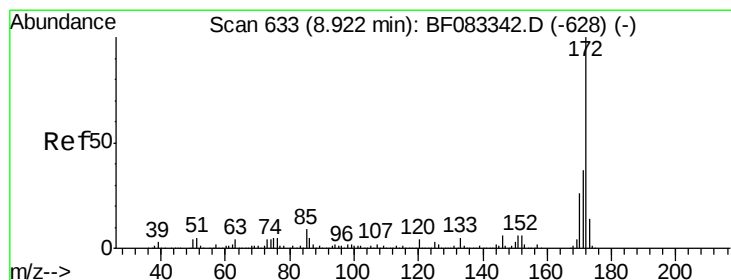
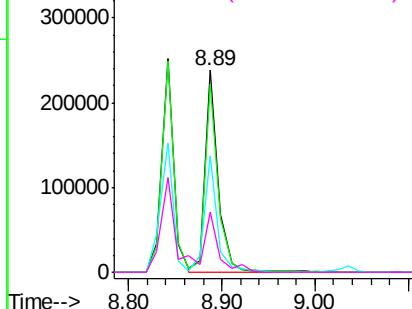
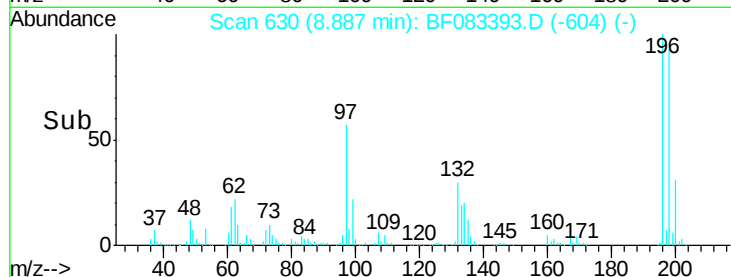
#43
2,4,5-Trichlorophenol
Concen: 34.36 ng
RT: 8.89 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF083393.D
Acq: 2 Dec 2015 1:32

Instrument :
BNA_F
ClientSampleId :
MW-01MS

Tgt Ion:196 Resp: 233770
Ion Ratio Lower Upper
196 100
198 93.3 77.2 115.8
97 57.5 44.4 66.6
132 30.1 23.2 34.8

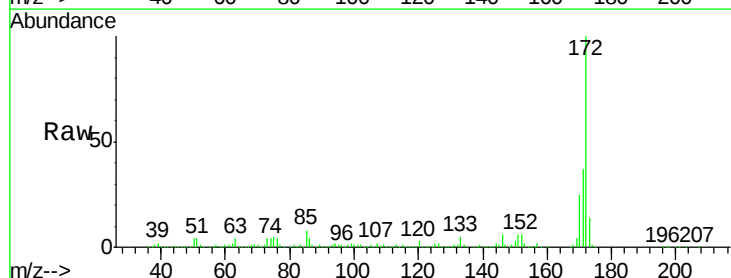


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

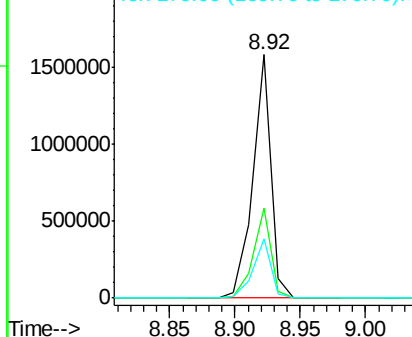
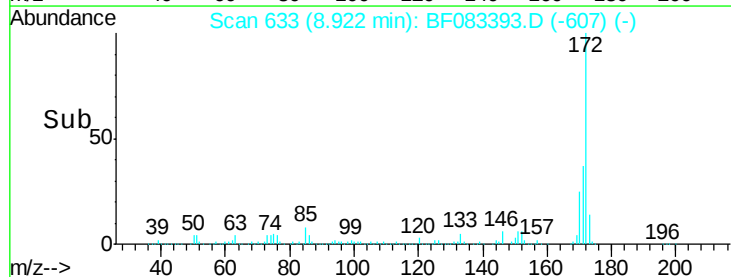


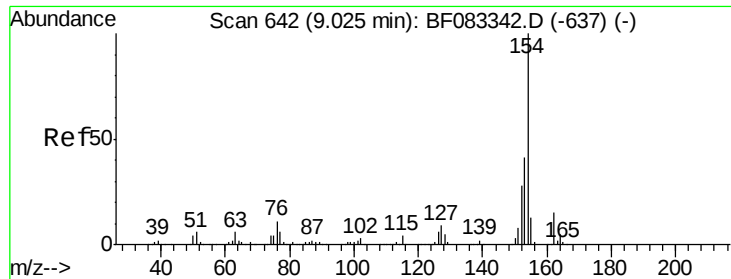
#44
2-Fluorobiphenyl
Concen: 73.86 ng
RT: 8.92 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF083393.D
Acq: 2 Dec 2015 1:32

Tgt Ion:172 Resp: 1530452
Ion Ratio Lower Upper
172 100
171 37.2 29.4 44.0
170 24.6 20.4 30.6



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

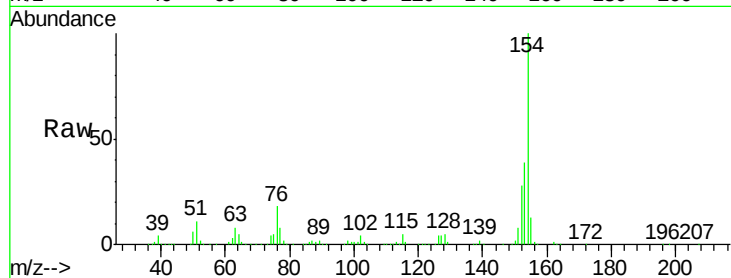




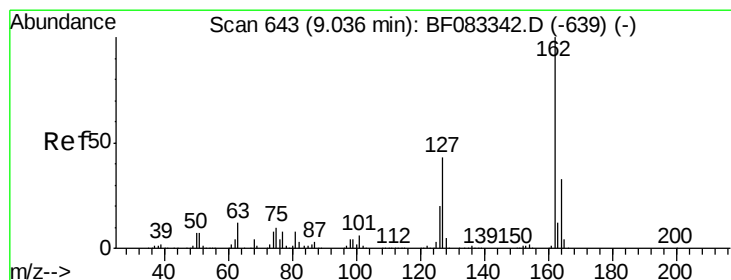
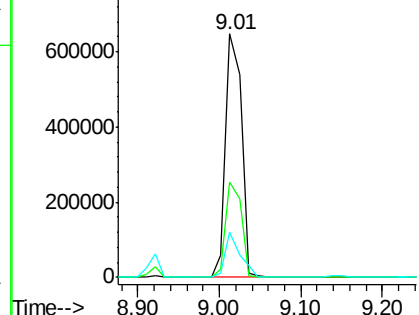
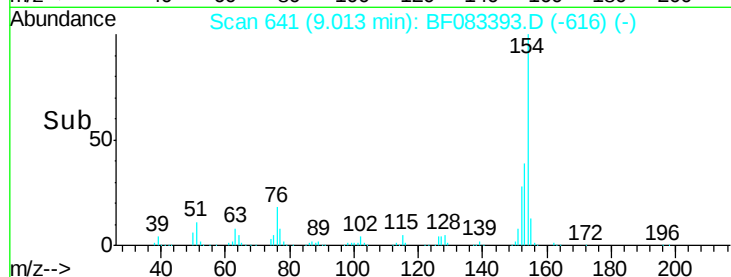
#45
 1,1'-Biphenyl
 Concen: 33.49 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF083393.D
 Acq: 2 Dec 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.6	60.6
76	18.4	0.0	30.5

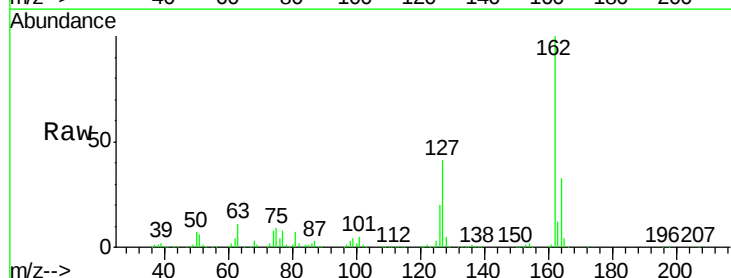


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

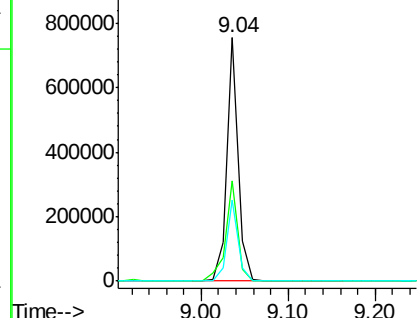
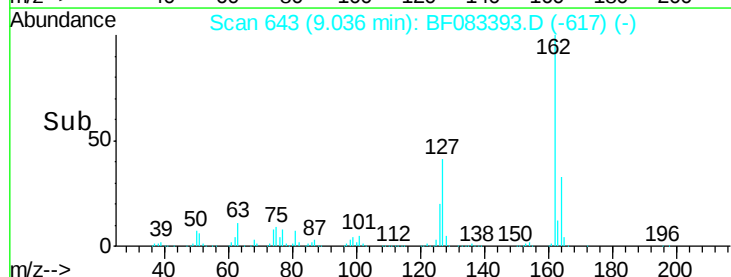


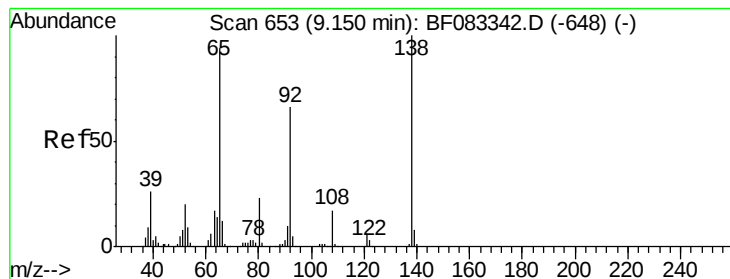
#46
 2-Chloronaphthalene
 Concen: 35.39 ng
 RT: 9.04 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF083393.D
 Acq: 2 Dec 2015 1:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	34.1	51.1
164	33.4	26.6	39.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 34.40 ng

RT: 9.15 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-01MS

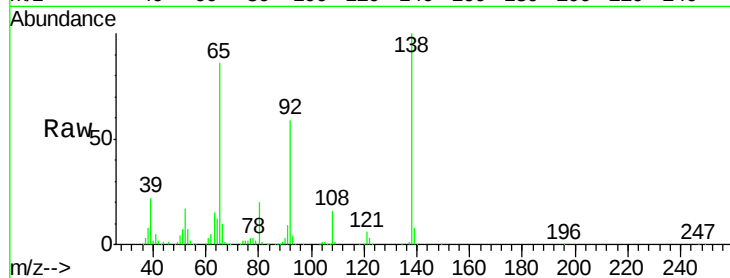
Tgt Ion: 65 Resp: 268854

Ion Ratio Lower Upper

65 100

92 69.1 56.2 84.4

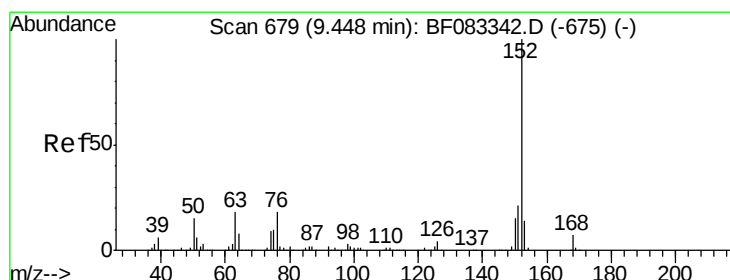
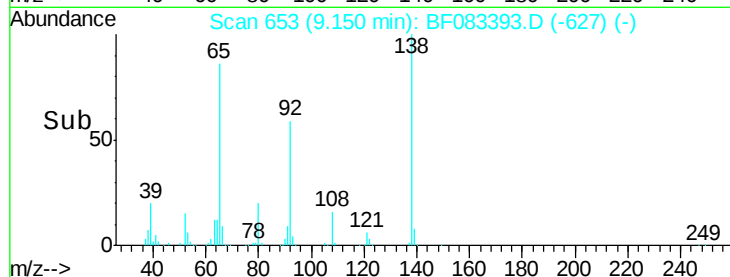
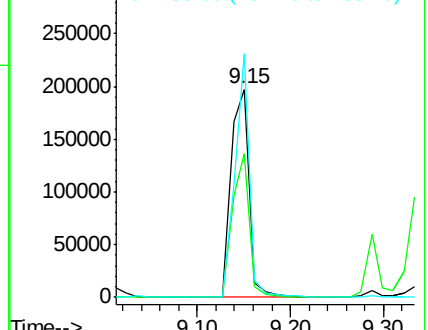
138 116.8 85.4 128.0



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 35.00 ng

RT: 9.45 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

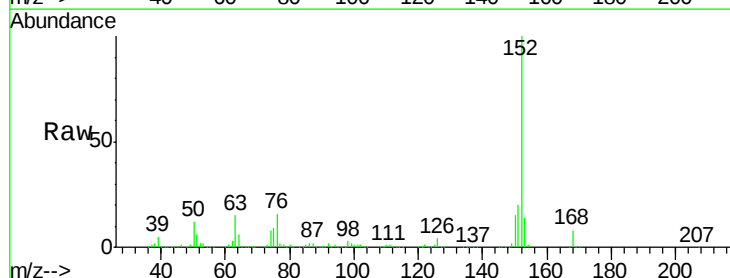
Tgt Ion:152 Resp: 1101574

Ion Ratio Lower Upper

152 100

151 20.2 16.7 25.1

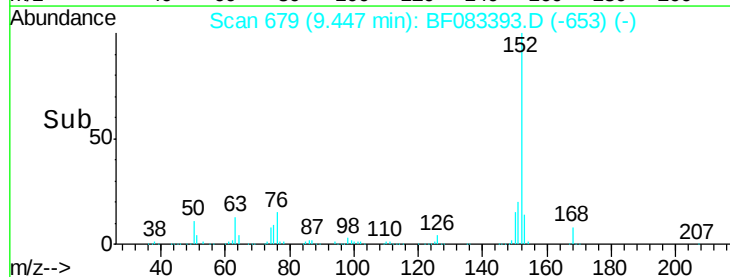
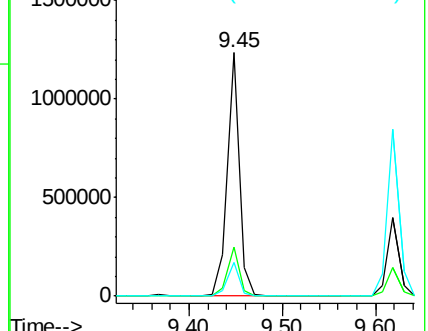
153 13.6 11.2 16.8

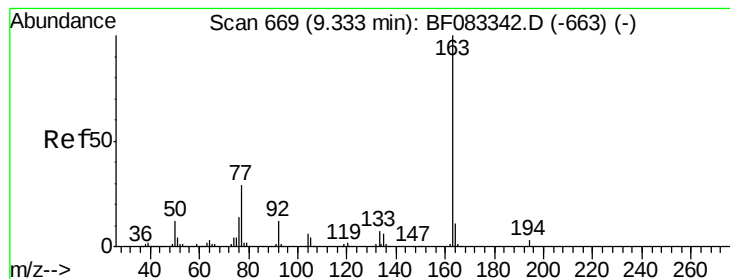


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 36.54 ng

RT: 9.33 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-01MS

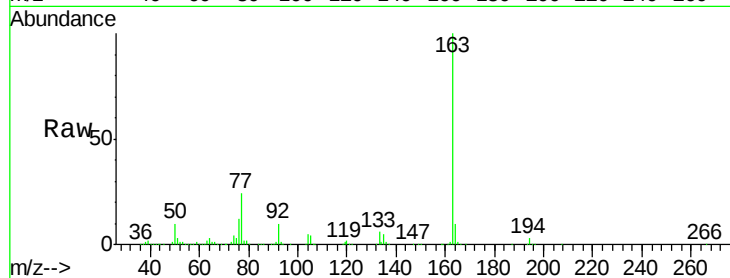
Tgt Ion:163 Resp: 876908

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

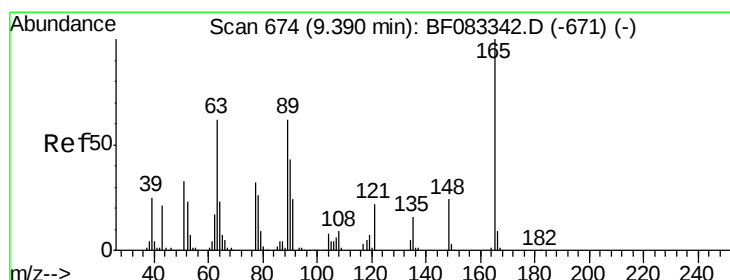
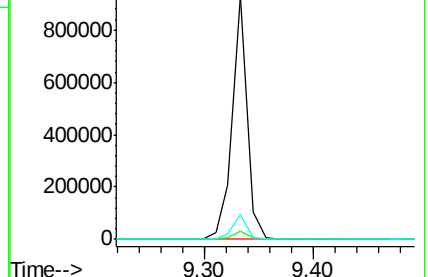
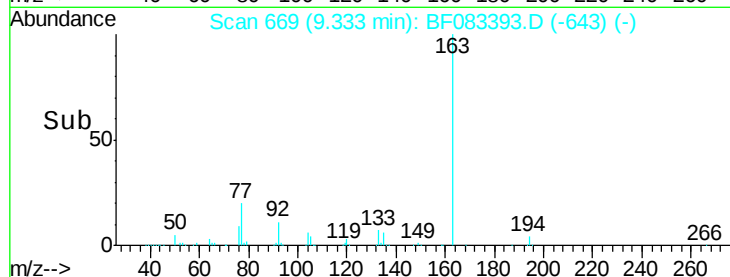
164 10.4 8.8 13.2



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: 37.99 ng

RT: 9.39 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

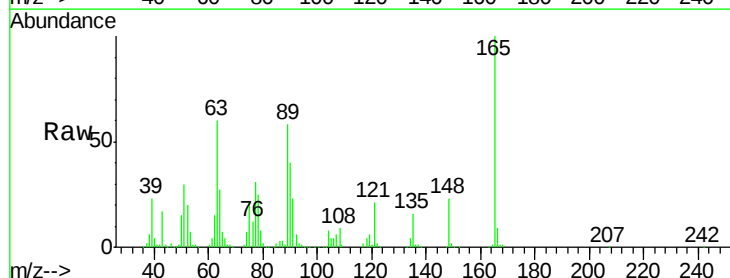
Tgt Ion:165 Resp: 194677

Ion Ratio Lower Upper

165 100

63 59.5 56.0 84.0

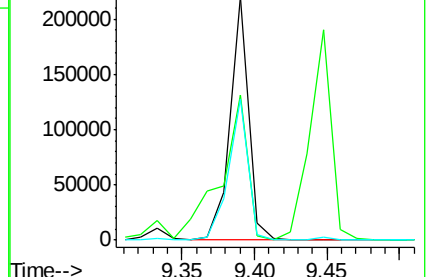
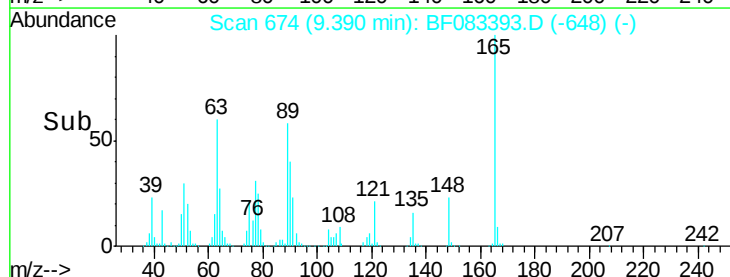
89 58.0 49.8 74.8

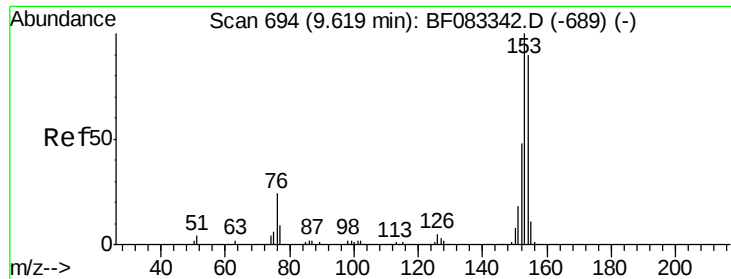


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.54 ng

RT: 9.62 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-01MS

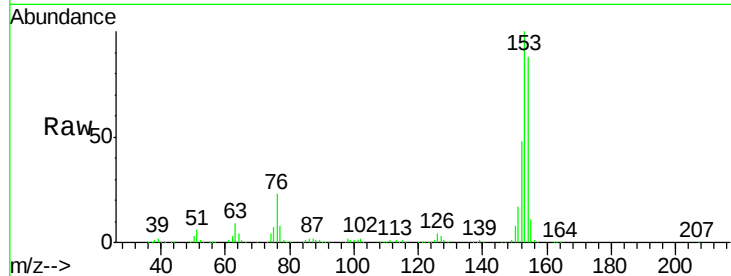
Tgt Ion:154 Resp: 657935

Ion Ratio Lower Upper

154 100

153 113.4 89.3 133.9

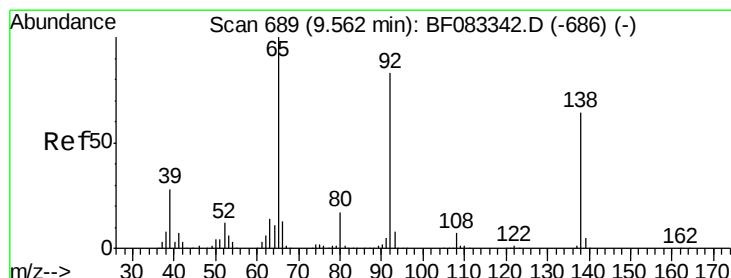
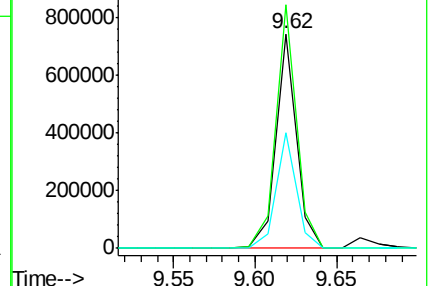
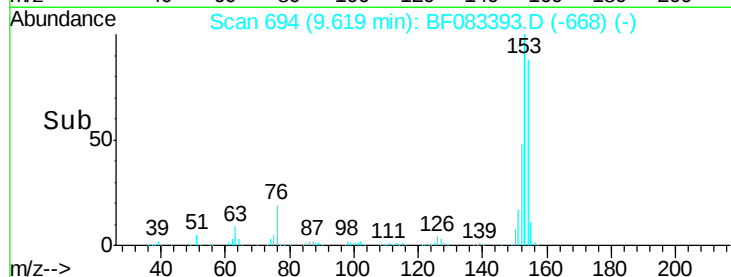
152 53.9 42.5 63.7



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: 18.13 ng

RT: 9.56 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

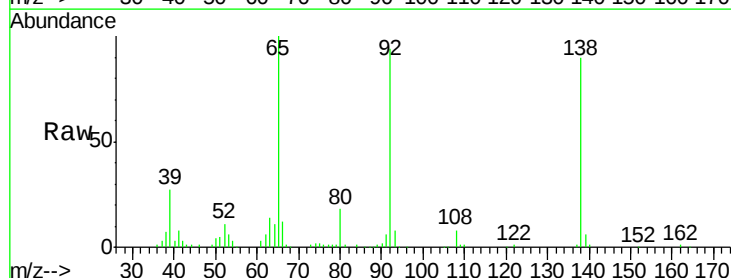
Tgt Ion:138 Resp: 108909

Ion Ratio Lower Upper

138 100

108 8.4 8.4 12.6

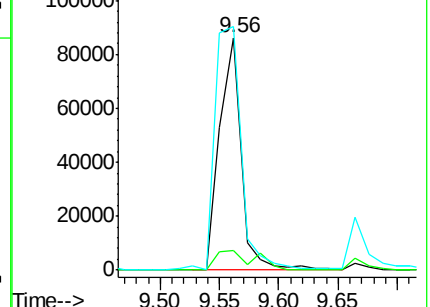
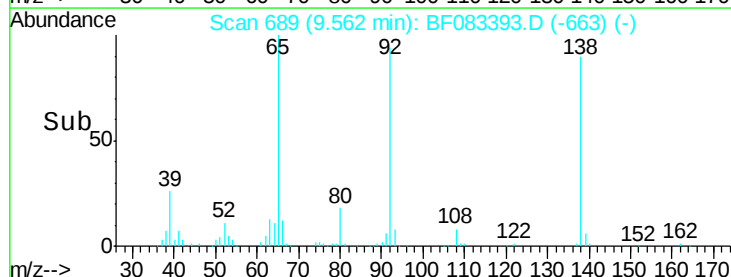
92 104.8 104.2 156.4

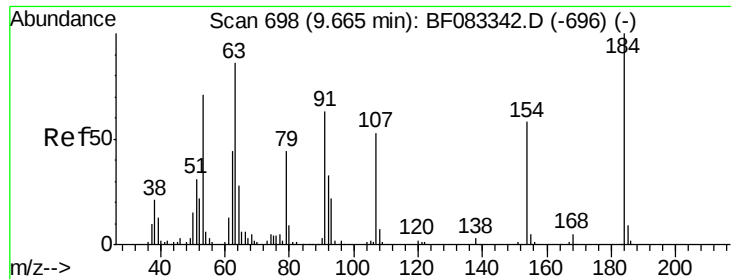


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

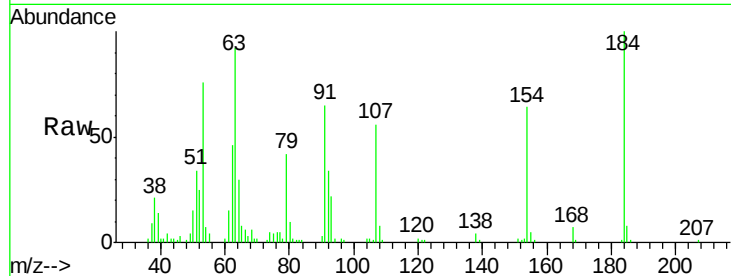




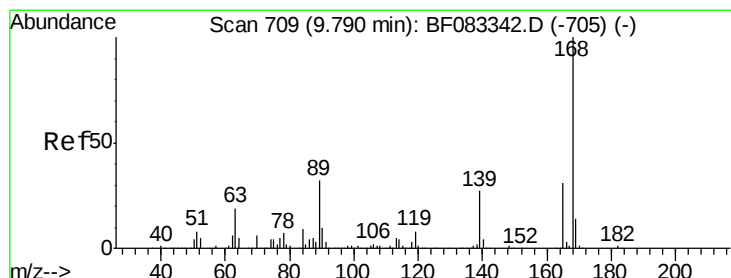
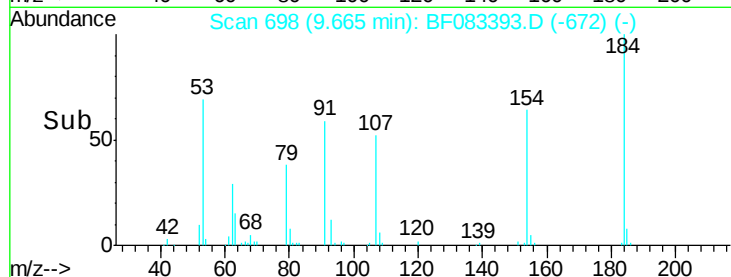
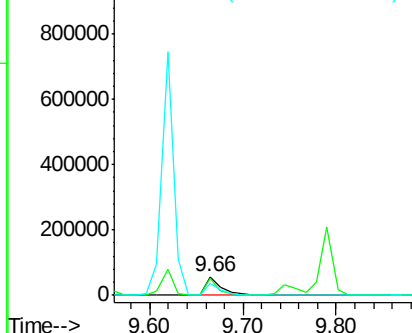
#53
2,4-Dinitrophenol
Concen: 28.41 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF083393.D
Acq: 2 Dec 2015 1:32

Instrument :
BNA_F
ClientSampleId :
MW-01MS

Tgt Ion:184 Resp: 74845
Ion Ratio Lower Upper
184 100
63 92.3 69.0 103.6
154 64.5 50.0 75.0

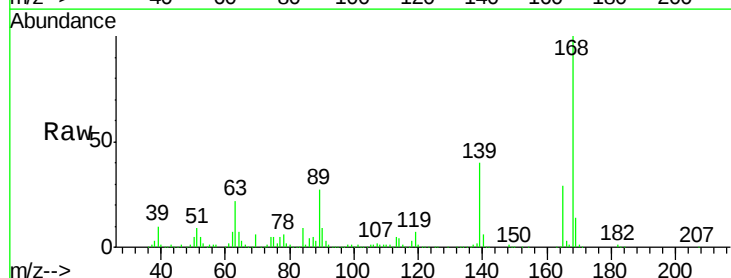


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

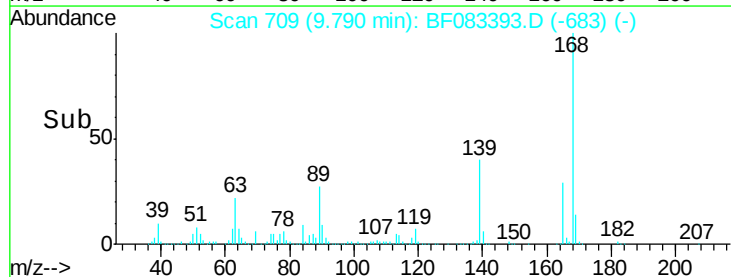
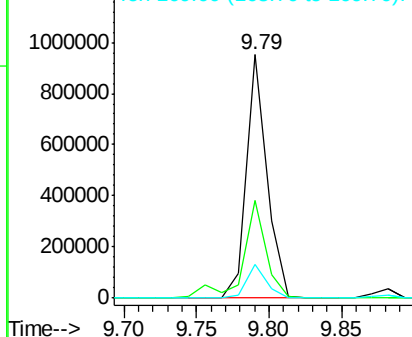


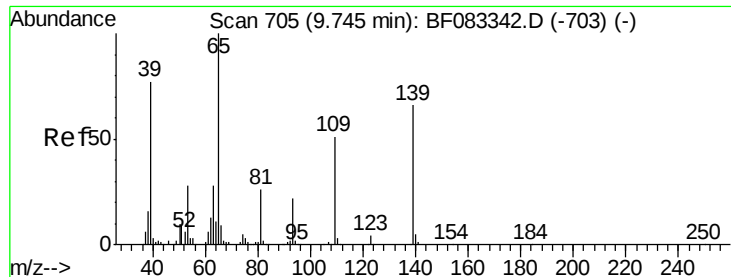
#54
Dibenzofuran
Concen: 34.45 ng
RT: 9.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF083393.D
Acq: 2 Dec 2015 1:32

Tgt Ion:168 Resp: 934679
Ion Ratio Lower Upper
168 100
139 40.2 32.7 49.1
169 14.0 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

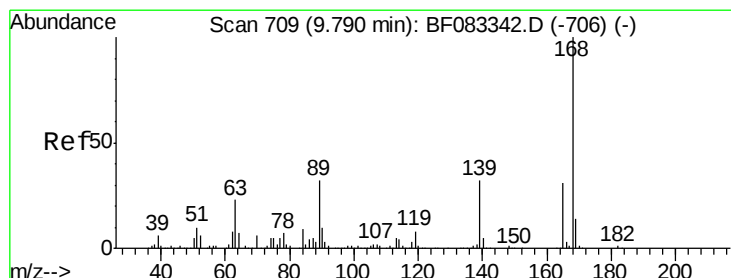
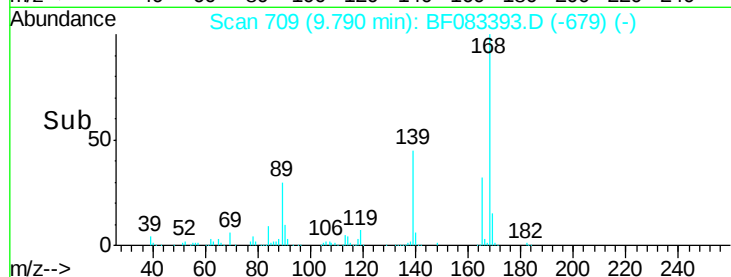
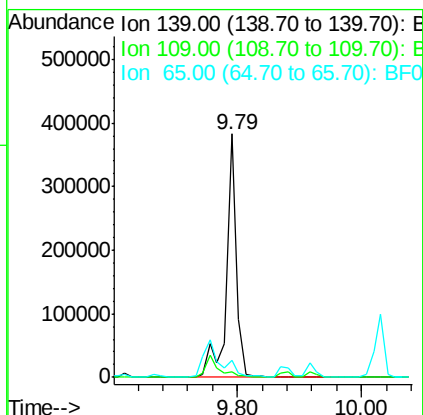
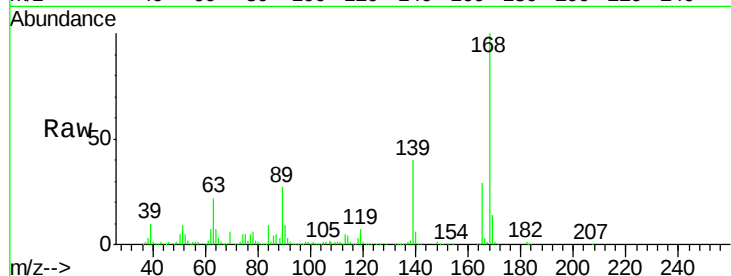




#55
4-Nitrophenol
Concen: 114.44 ng
RT: 9.79 min Scan# 709
Delta R.T. 0.05 min
Lab File: BF083393.D
Acq: 2 Dec 2015 1:32

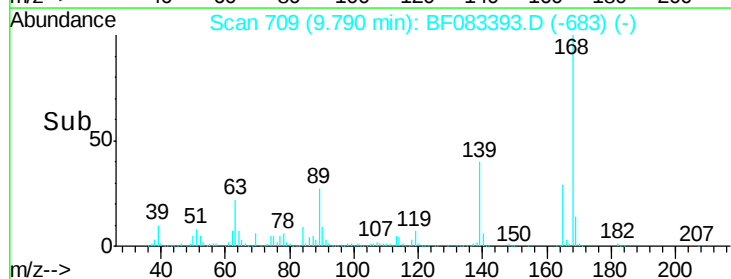
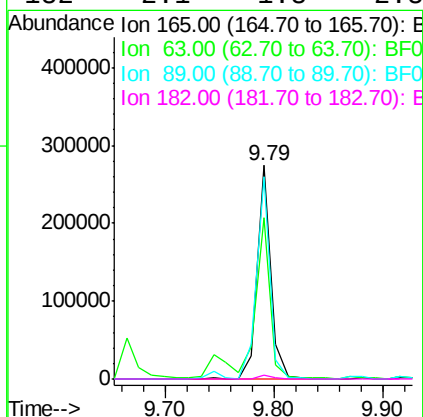
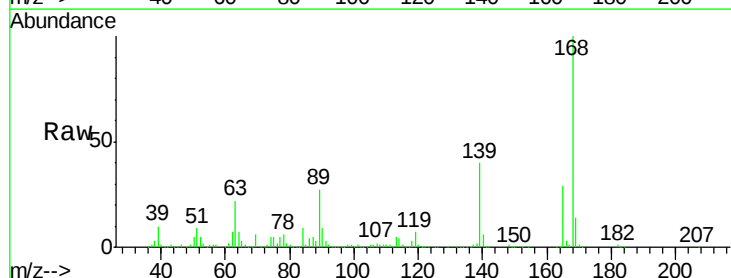
Instrument :
BNA_F
ClientSampleId :
MW-01MS

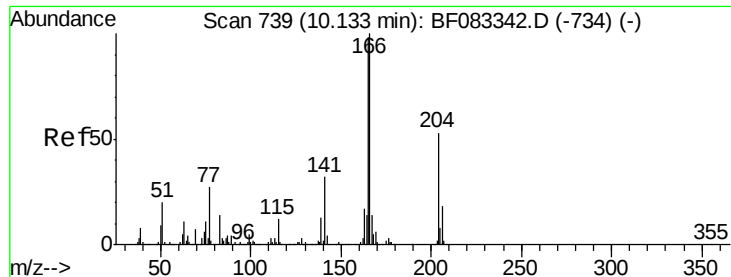
Tgt Ion:139 Resp: 429999
Ion Ratio Lower Upper
139 100
109 2.1 57.4 97.4#
65 7.2 131.6 171.6#



#56
2,4-Dinitrotoluene
Concen: 37.44 ng
RT: 9.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF083393.D
Acq: 2 Dec 2015 1:32

Tgt Ion:165 Resp: 243493
Ion Ratio Lower Upper
165 100
63 75.5 65.4 98.0
89 94.6 81.2 121.8
182 2.1 1.8 2.8

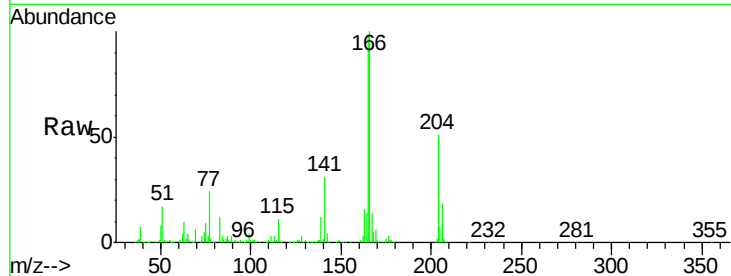




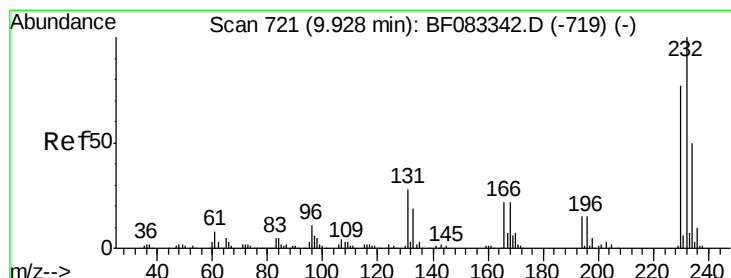
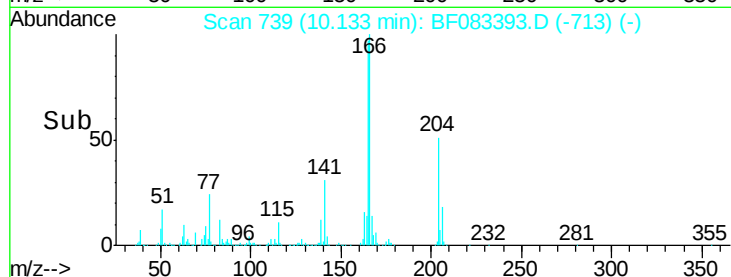
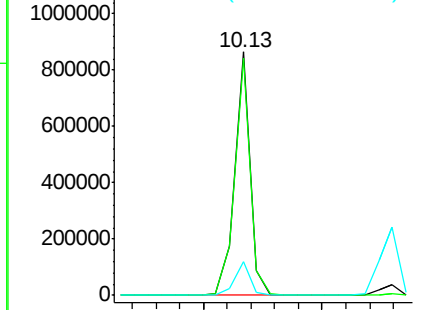
#57
Fluorene
 Concen: 36.56 ng
 RT: 10.13 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF083393.D
 Acq: 2 Dec 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MS

Tgt Ion:166 Resp: 783302
 Ion Ratio Lower Upper
 166 100
 165 97.5 78.3 117.5
 167 13.8 11.1 16.7

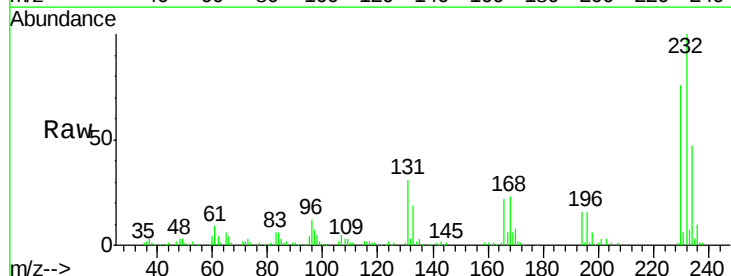


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

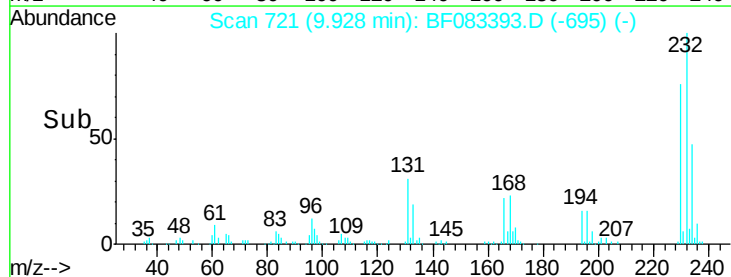
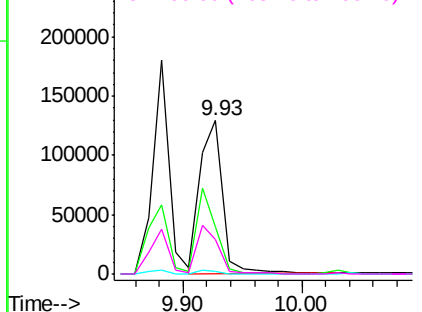


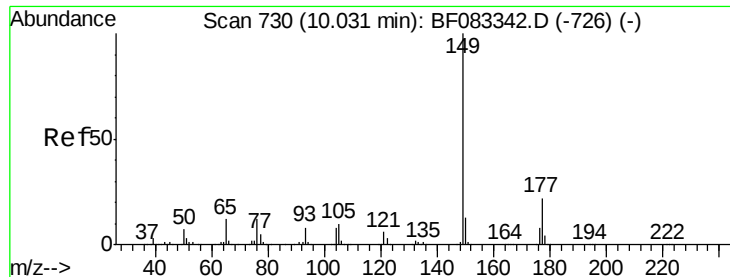
#58
2,3,4,6-Tetrachlorophenol
 Concen: 31.58 ng
 RT: 9.93 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF083393.D
 Acq: 2 Dec 2015 1:32

Tgt Ion:232 Resp: 173308
 Ion Ratio Lower Upper
 232 100
 131 47.9 35.4 53.2
 130 1.9 1.7 2.5
 166 29.6 23.3 34.9



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

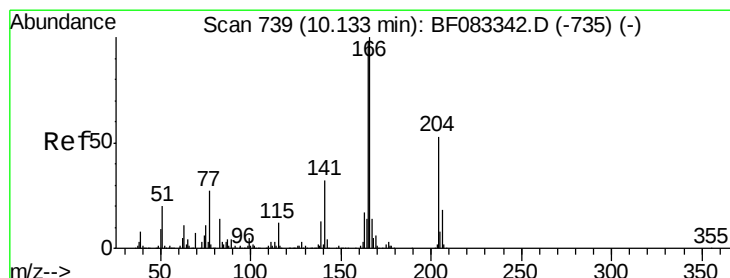
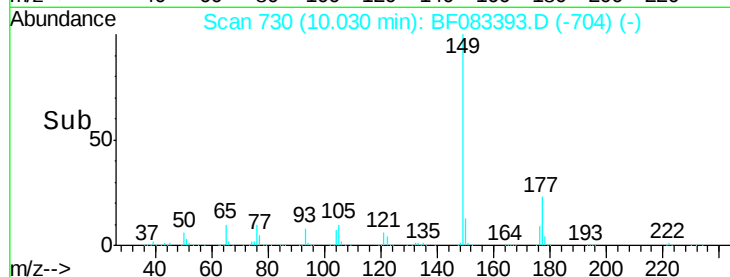
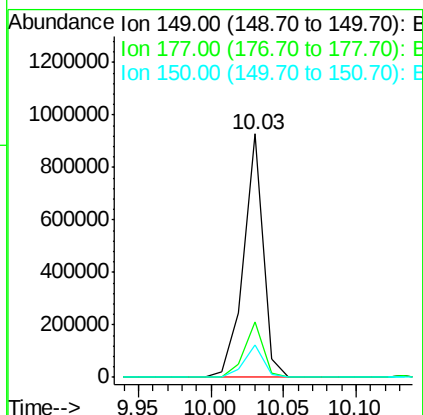
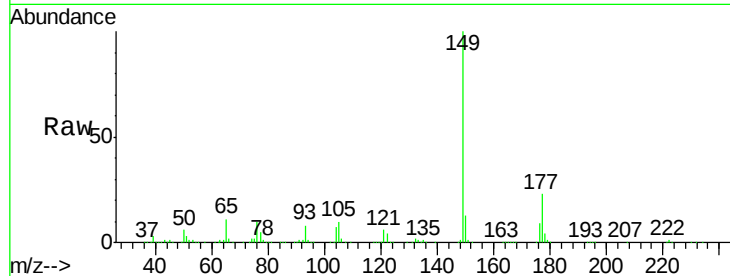




#59
Diethylphthalate
Concen: 37.98 ng
RT: 10.03 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF083393.D
Acq: 2 Dec 2015 1:32

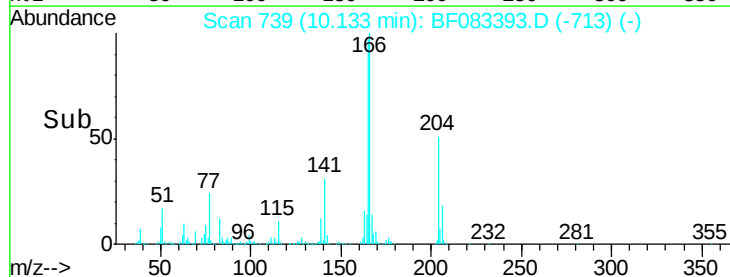
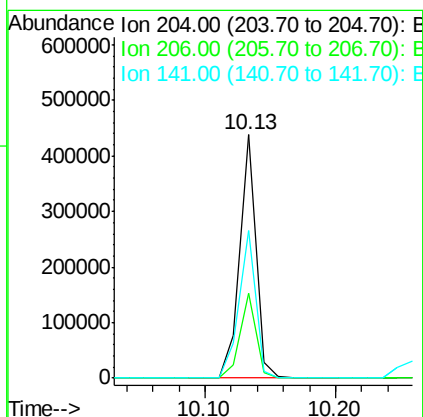
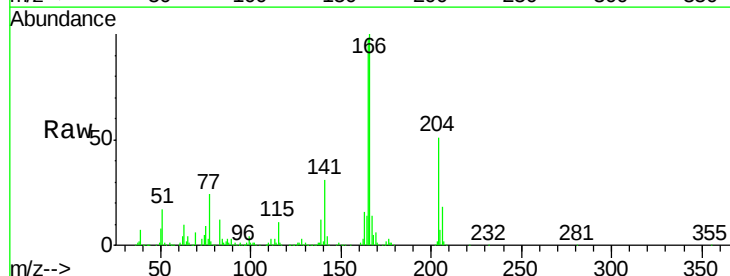
Instrument :
BNA_F
ClientSampleId :
MW-01MS

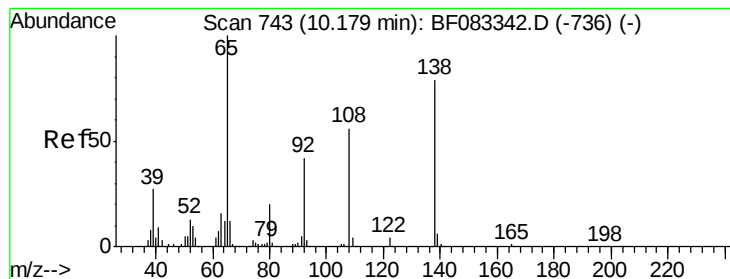
Tgt Ion:149 Resp: 868663
Ion Ratio Lower Upper
149 100
177 23.0 17.4 26.2
150 13.3 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 38.06 ng
RT: 10.13 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF083393.D
Acq: 2 Dec 2015 1:32

Tgt Ion:204 Resp: 374712
Ion Ratio Lower Upper
204 100
206 34.9 27.5 41.3
141 60.5 48.1 72.1





#61

4-Nitroaniline

Concen: 27.91 ng

RT: 10.17 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-01MS

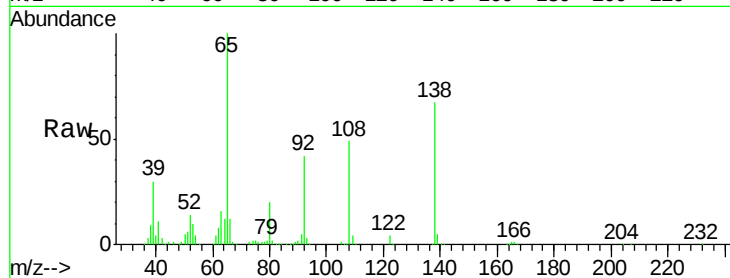
Tgt Ion:138 Resp: 167713

Ion Ratio Lower Upper

138 100

92 62.5 33.6 73.6

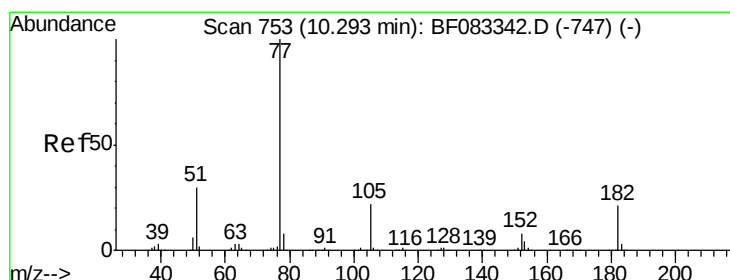
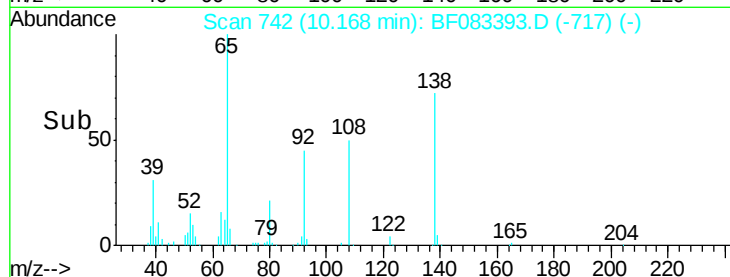
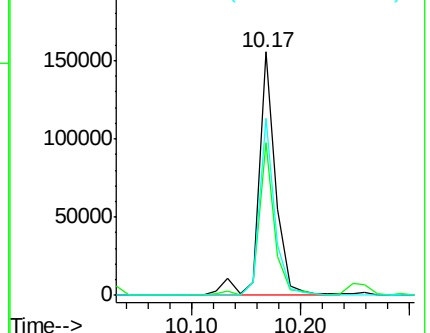
108 72.9 51.0 91.0



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: 38.44 ng

RT: 10.29 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Tgt Ion: 77 Resp: 1062235

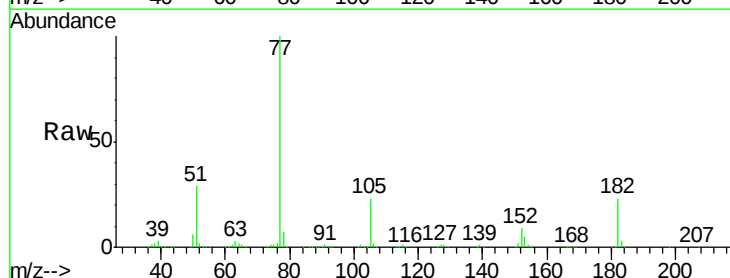
Ion Ratio Lower Upper

77 100

182 23.1 0.8 40.8

105 23.1 2.3 42.3

51 28.7 10.6 50.6

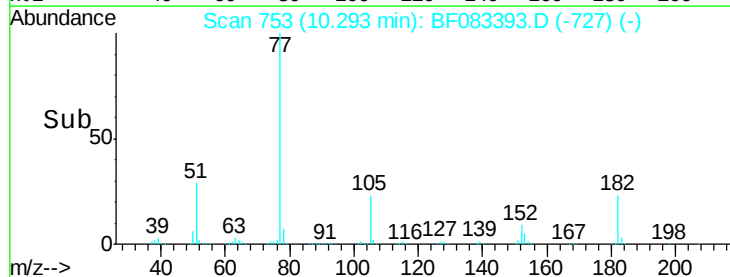
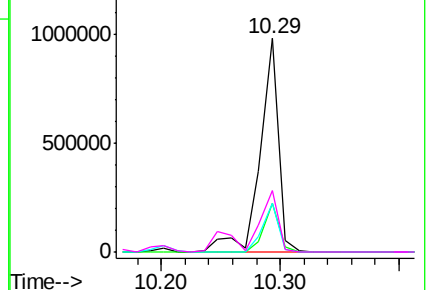


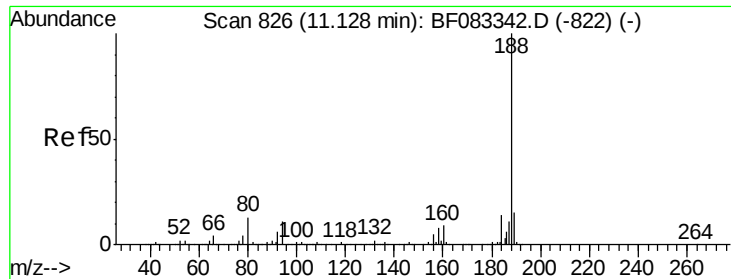
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

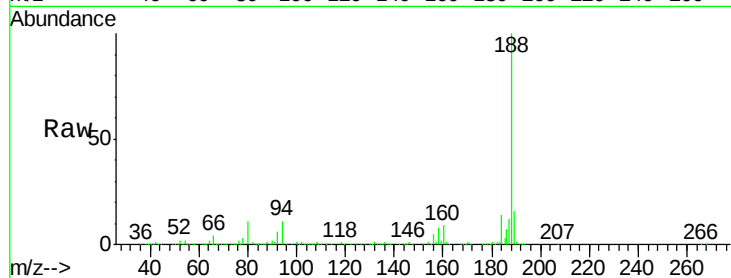




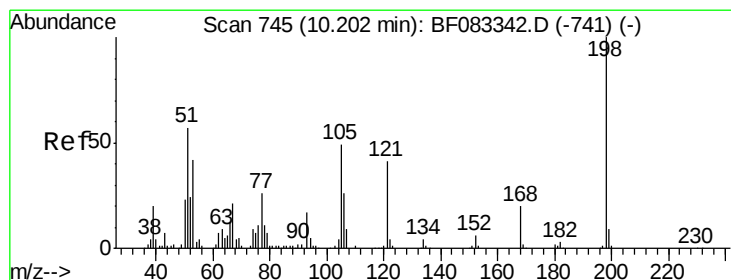
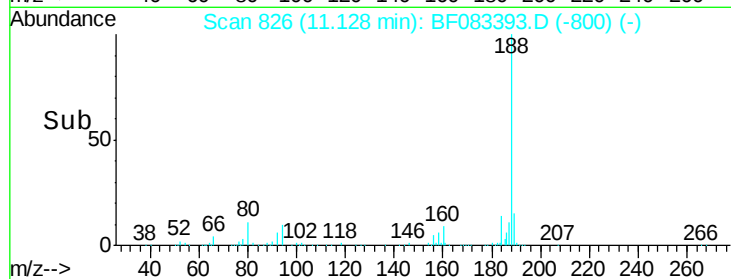
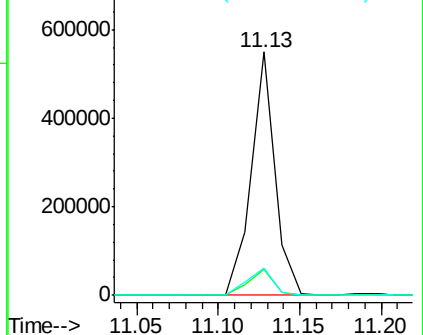
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF083393.D
Acq: 2 Dec 2015 1:32

Instrument :
BNA_F
ClientSampleId :
MW-01MS

Tgt Ion:188 Resp: 560669
Ion Ratio Lower Upper
188 100
94 10.5 8.7 13.1
80 11.4 10.3 15.5

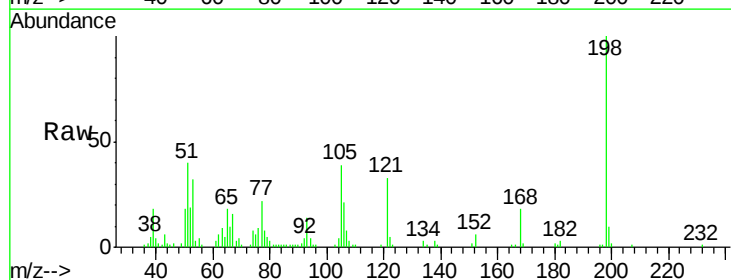


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

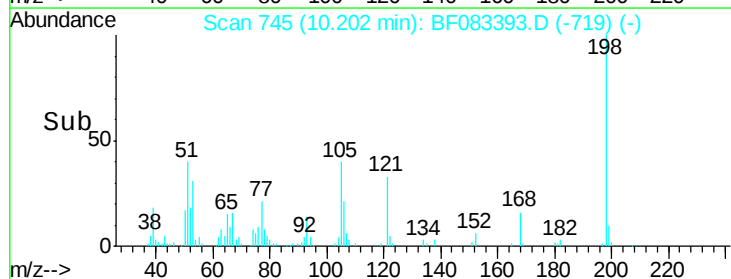
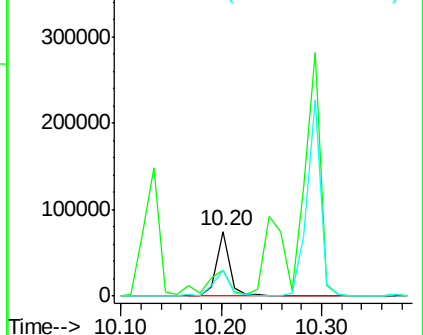


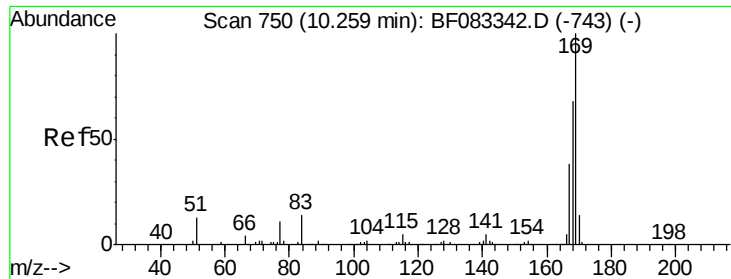
#64
4,6-Dinitro-2-methylphenol
Concen: 18.63 ng
RT: 10.20 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF083393.D
Acq: 2 Dec 2015 1:32

Tgt Ion:198 Resp: 70130
Ion Ratio Lower Upper
198 100
51 39.9 38.3 78.3
105 39.4 29.2 69.2



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.54 ng

RT: 10.26 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-01MS

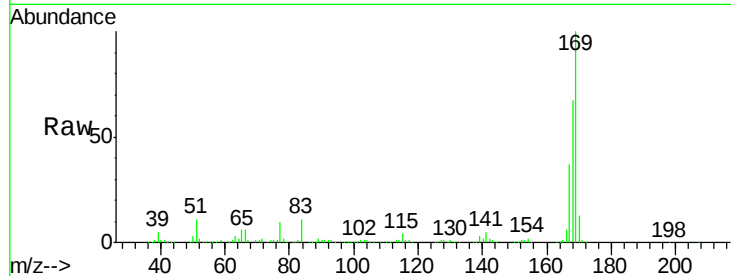
Tgt Ion:169 Resp: 719888

Ion Ratio Lower Upper

169 100

168 67.3 54.8 82.2

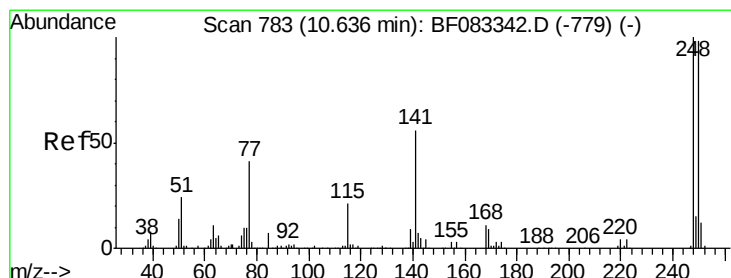
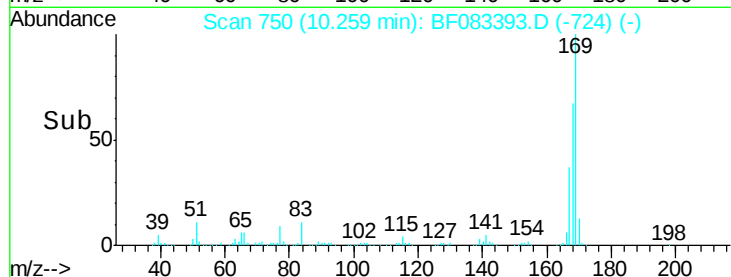
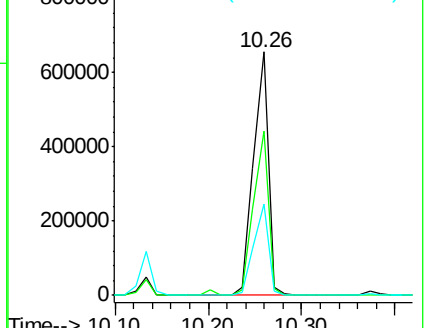
167 37.3 30.2 45.2



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: 37.16 ng

RT: 10.64 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

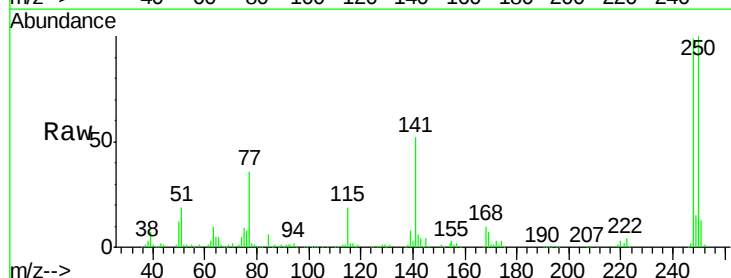
Tgt Ion:248 Resp: 227935

Ion Ratio Lower Upper

248 100

250 100.6 78.6 118.0

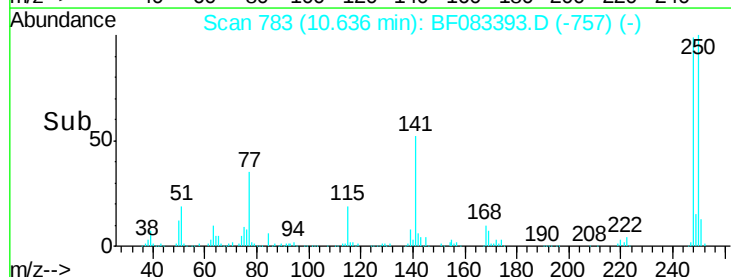
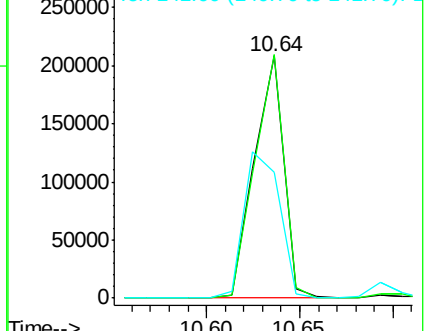
141 51.8 44.4 66.6

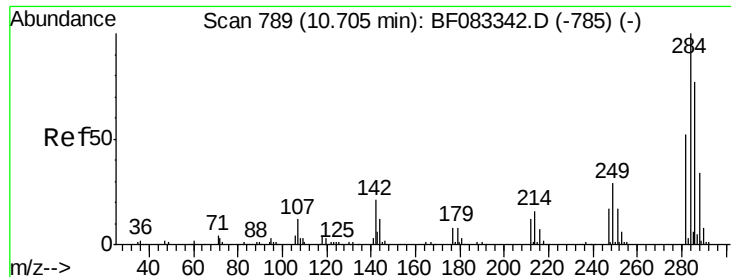


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

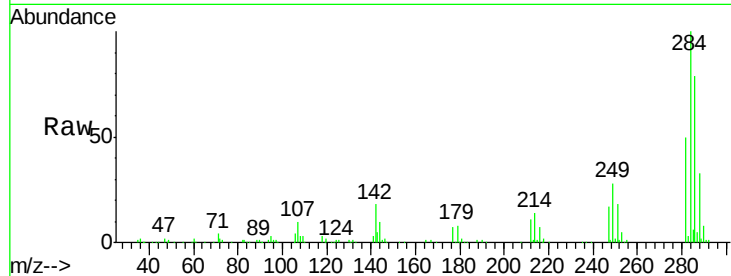




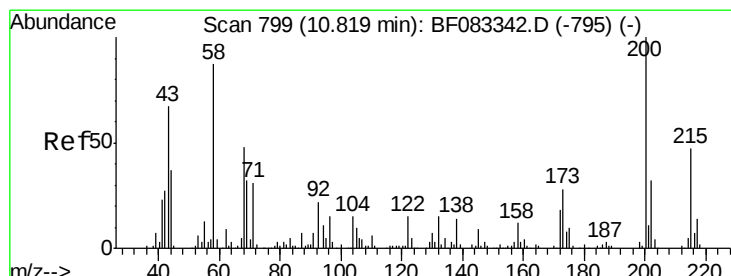
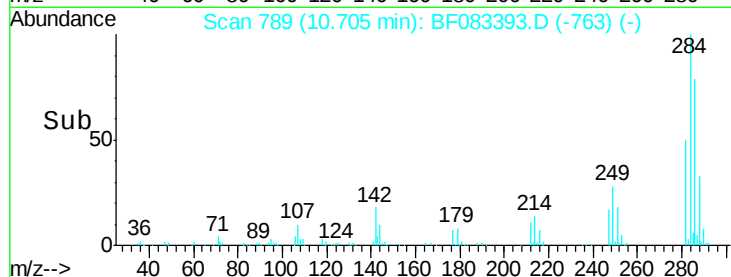
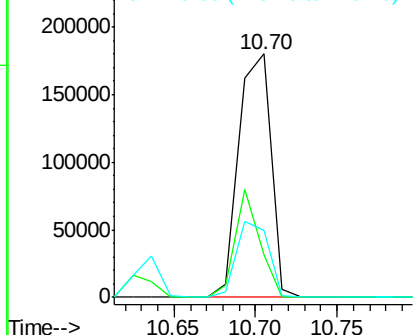
#67
Hexachlorobenzene
Concen: 36.19 ng
RT: 10.70 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF083393.D
Acq: 2 Dec 2015 1:32

Instrument :
BNA_F
ClientSampleId :
MW-01MS

Tgt Ion:284 Resp: 245396
Ion Ratio Lower Upper
284 100
142 17.6 16.6 24.8
249 27.8 23.0 34.4

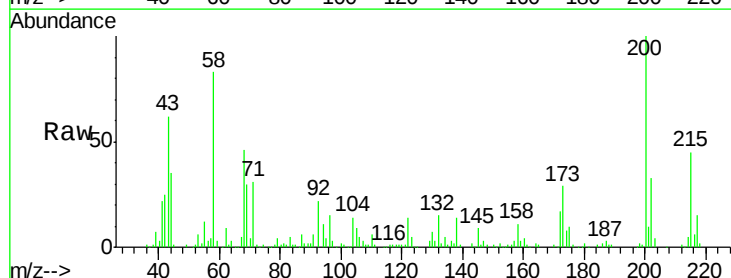


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

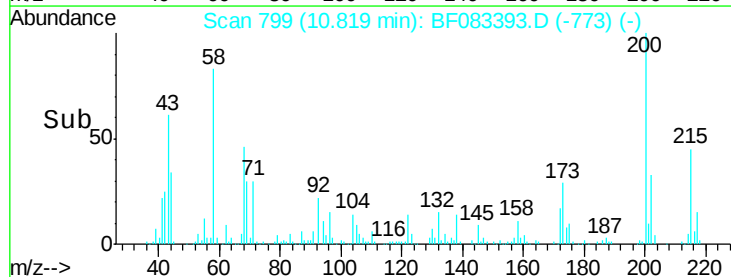
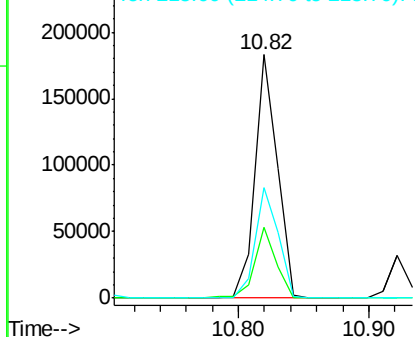


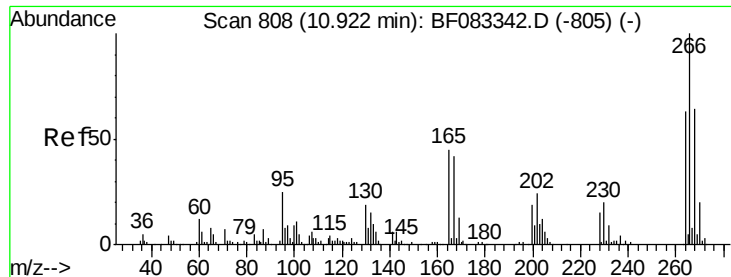
#68
Atrazine
Concen: 40.12 ng
RT: 10.82 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF083393.D
Acq: 2 Dec 2015 1:32

Tgt Ion:200 Resp: 218617
Ion Ratio Lower Upper
200 100
173 29.2 8.3 48.3
215 45.3 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

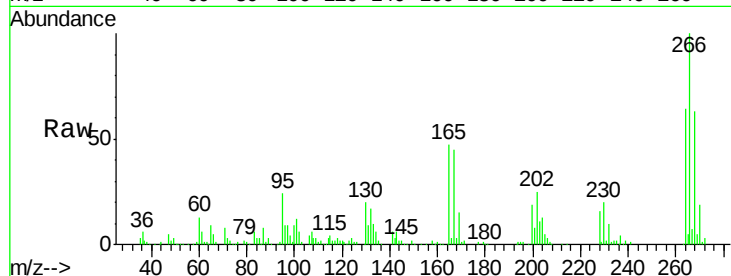




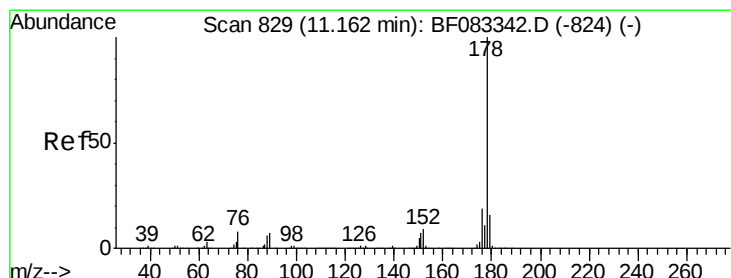
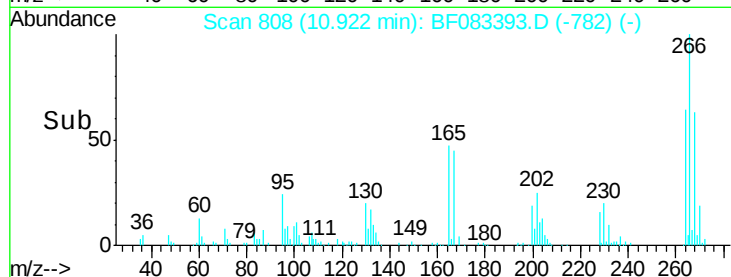
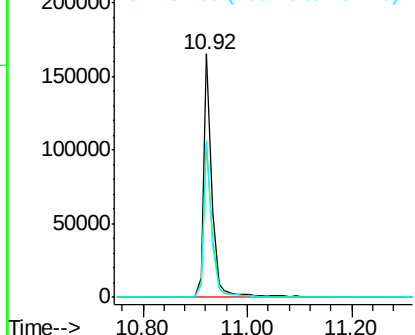
#69
 Pentachlorophenol
 Concen: 51.99 ng
 RT: 10.92 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF083393.D
 Acq: 2 Dec 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MS

Tgt Ion:266 Resp: 184690
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.5 77.3
 264 64.1 50.4 75.6

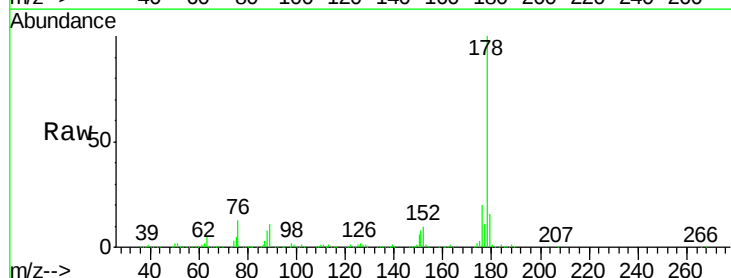


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

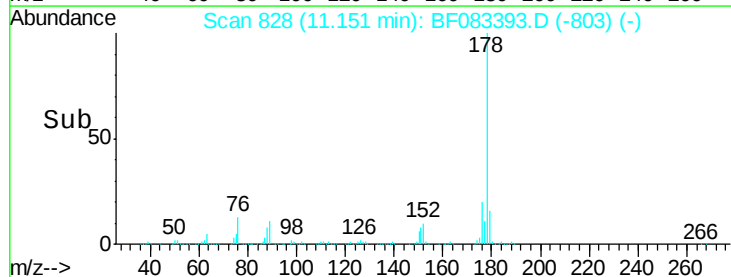
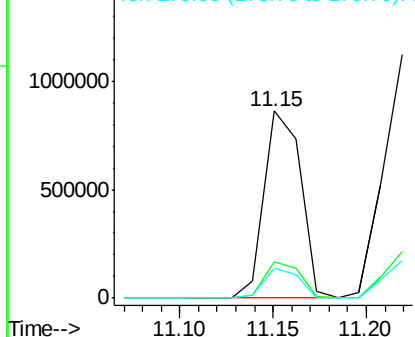


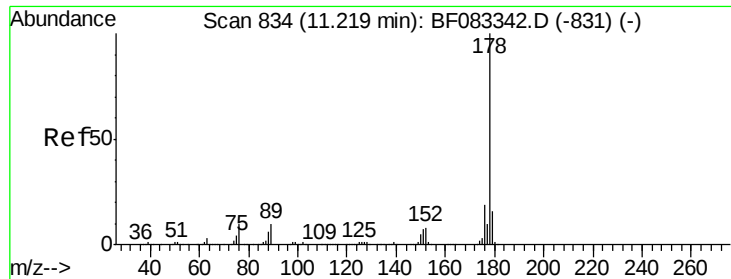
#70
 Phenanthrene
 Concen: 35.30 ng
 RT: 11.15 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF083393.D
 Acq: 2 Dec 2015 1:32

Tgt Ion:178 Resp: 1171295
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.3 22.9
 179 16.1 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

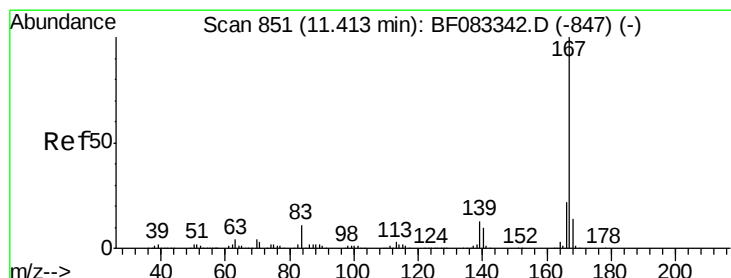
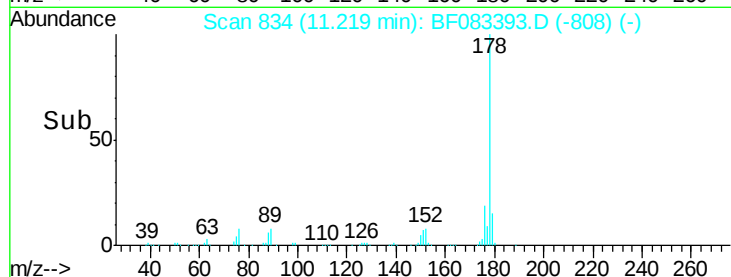
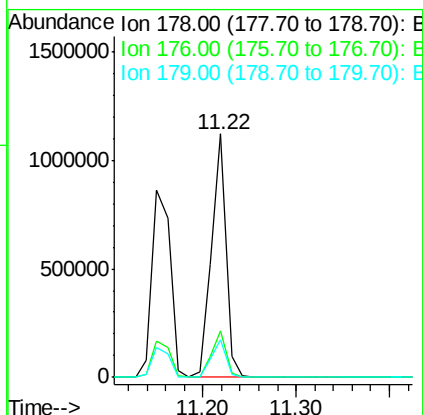
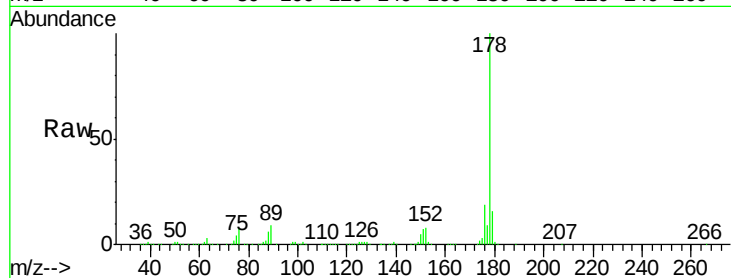




#71
 Anthracene
 Concen: 36.61 ng
 RT: 11.22 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF083393.D
 Acq: 2 Dec 2015 1:32

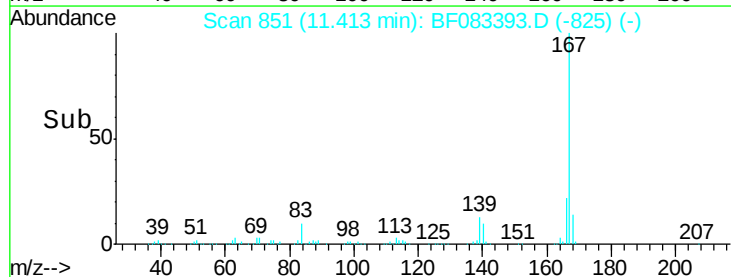
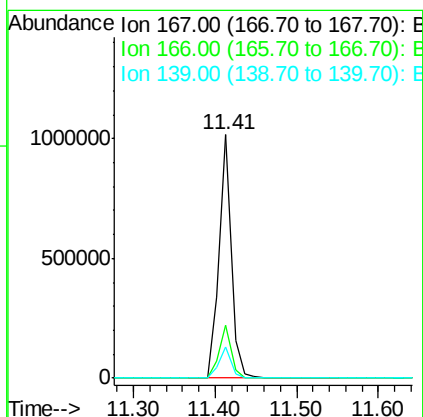
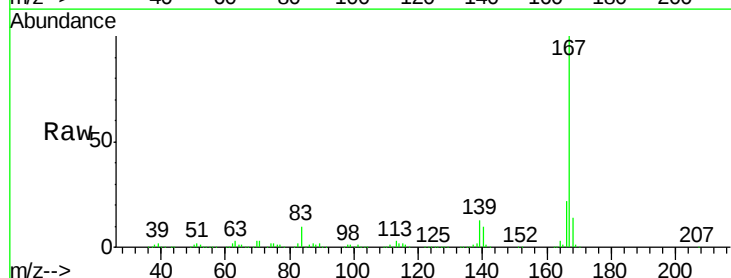
Instrument :
 BNA_F
 ClientSampleId :
 MW-01MS

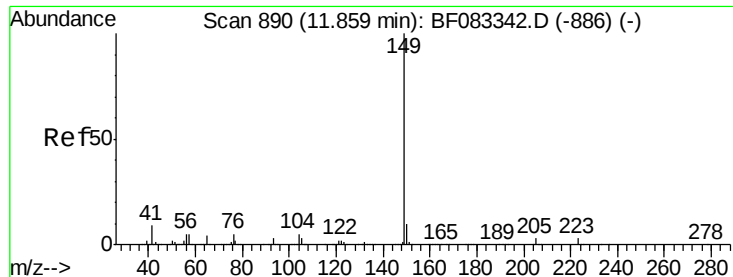
Tgt Ion:178 Resp: 1222898
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 15.5 12.8 19.2



#72
 Carbazole
 Concen: 35.47 ng
 RT: 11.41 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF083393.D
 Acq: 2 Dec 2015 1:32

Tgt Ion:167 Resp: 1064440
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 12.7 10.5 15.7





#73

Di-n-butylphthalate

Concen: 38.92 ng

RT: 11.86 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-01MS

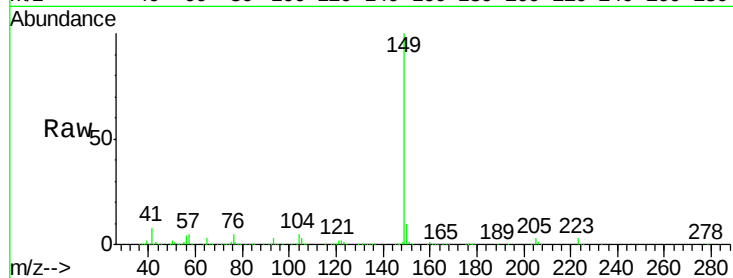
Tgt Ion:149 Resp: 1384216

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

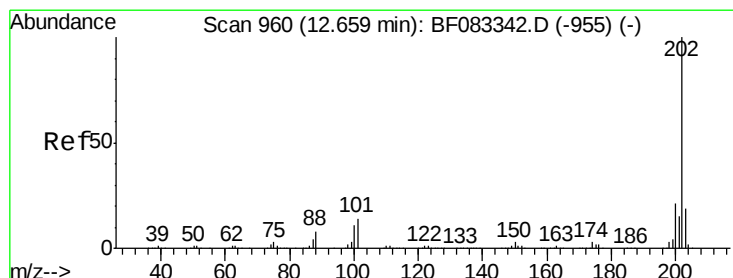
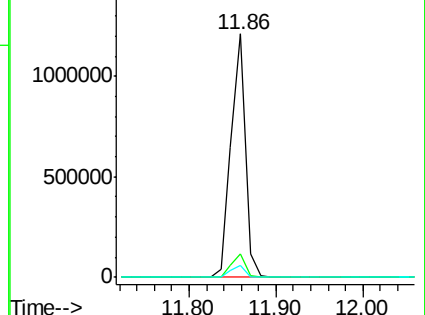
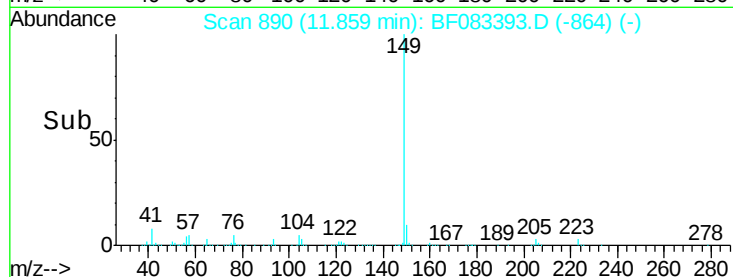
104 4.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.91 ng

RT: 12.66 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

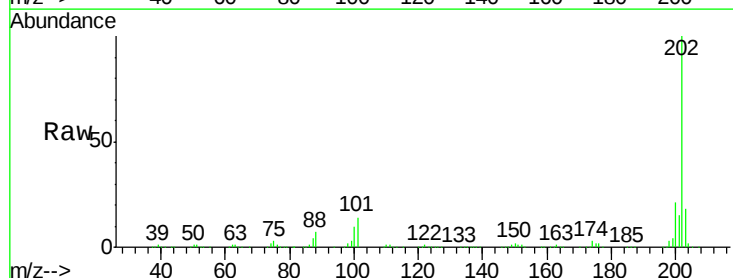
Tgt Ion:202 Resp: 1097427

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.5

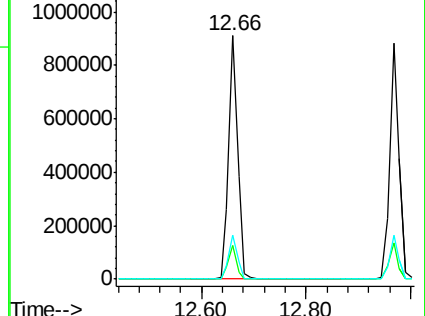
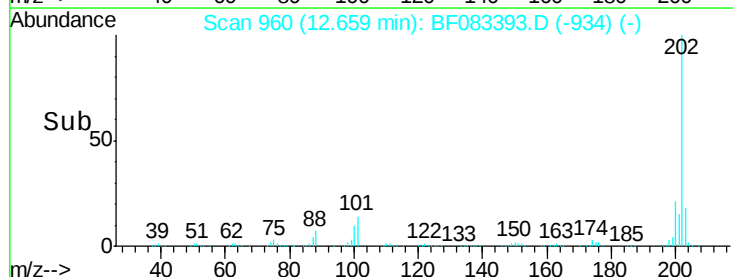
203 18.0 0.0 38.7

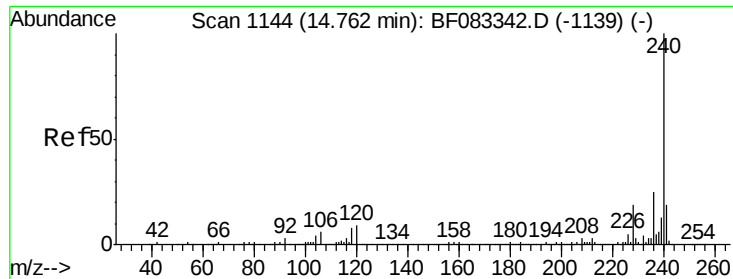


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-01MS

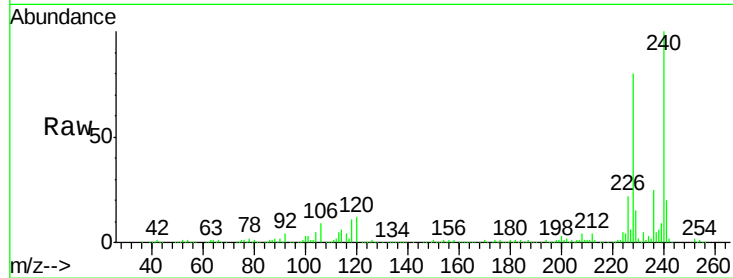
Tgt Ion:240 Resp: 366693

Ion Ratio Lower Upper

240 100

120 11.8 6.9 10.3#

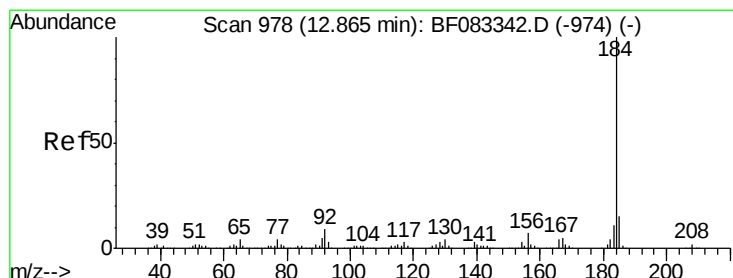
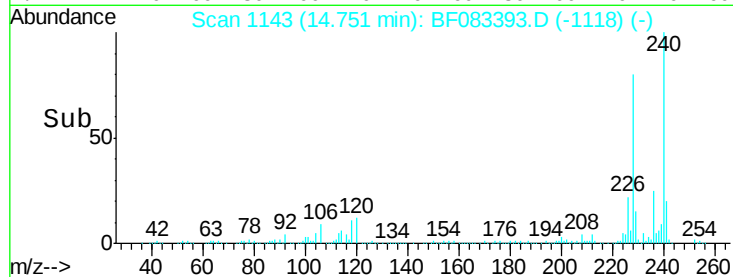
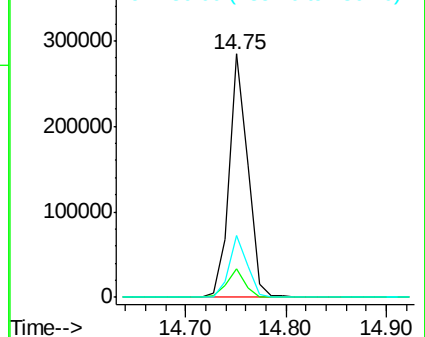
236 25.2 19.8 29.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.28 ng

RT: 12.86 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

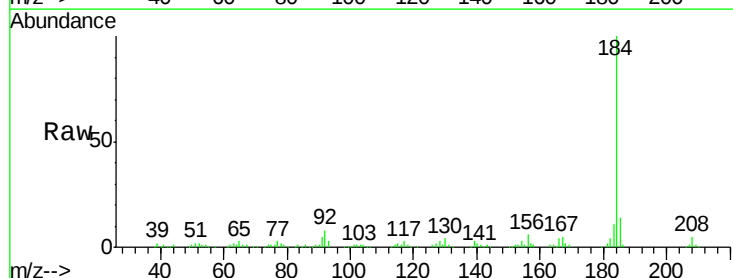
Tgt Ion:184 Resp: 210560

Ion Ratio Lower Upper

184 100

185 14.3 12.4 18.6

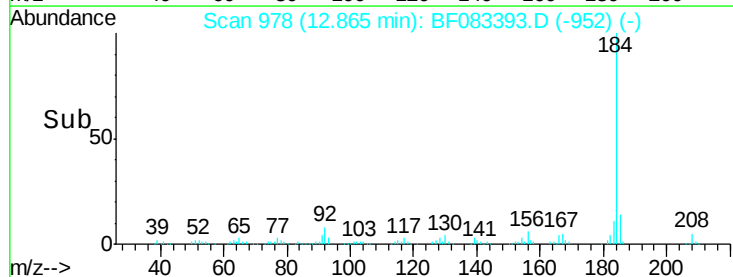
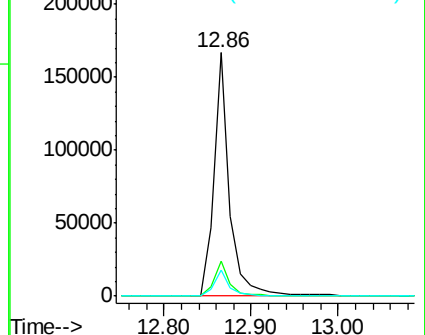
183 10.7 9.0 13.4

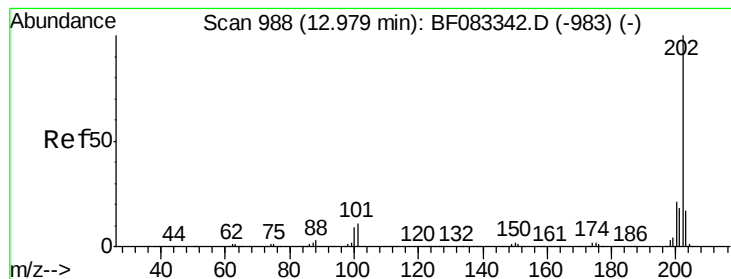


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.07 ng

RT: 12.97 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-01MS

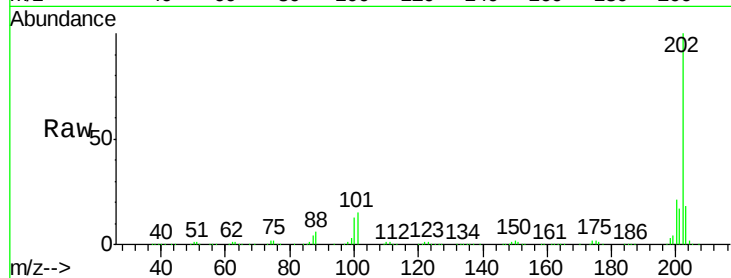
Tgt Ion:202 Resp: 1103036

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

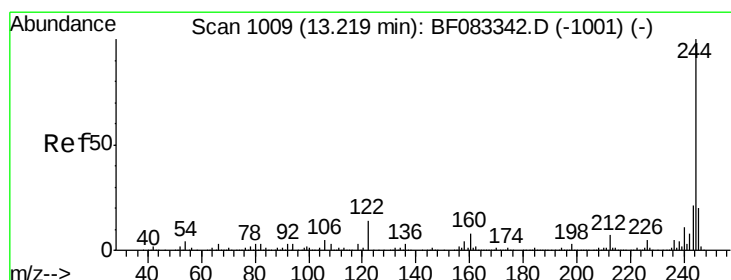
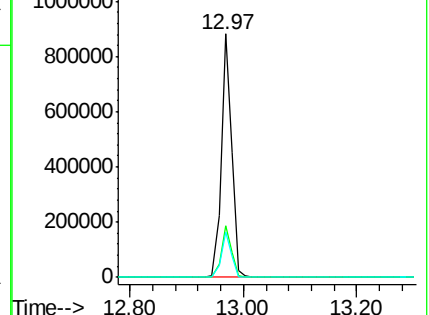
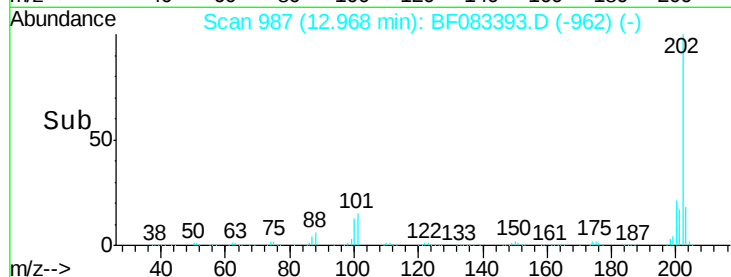
203 18.5 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.49 ng

RT: 13.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

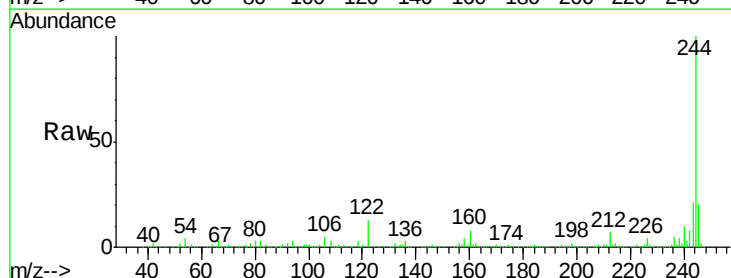
Tgt Ion:244 Resp: 1299058

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

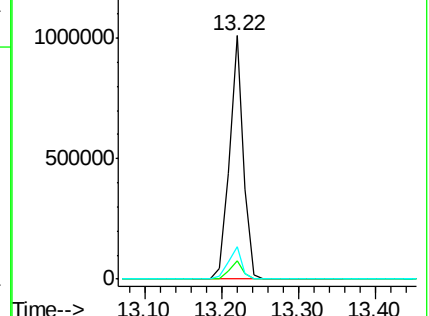
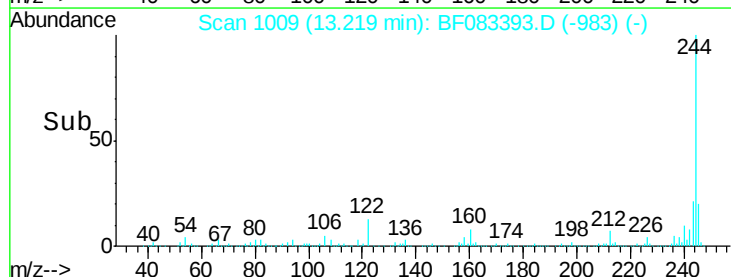
122 13.4 11.0 16.4

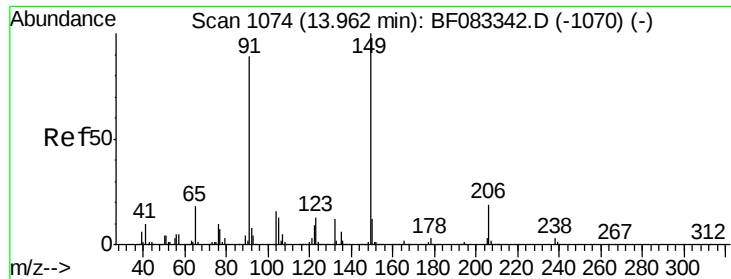


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

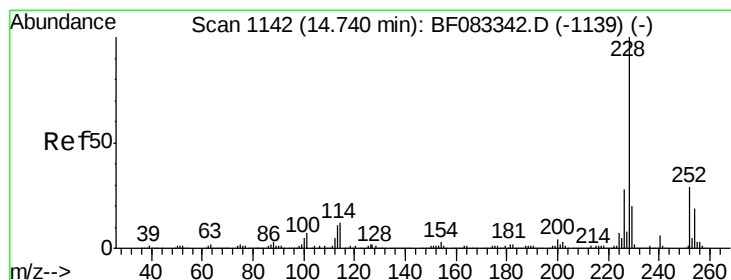
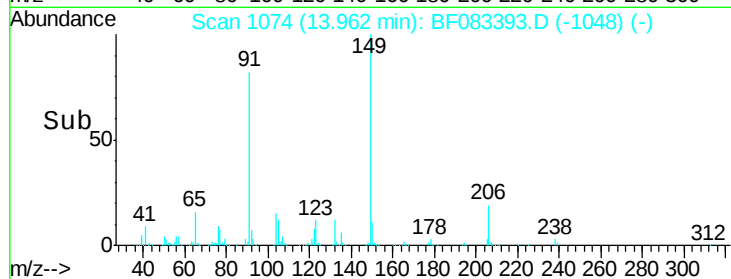
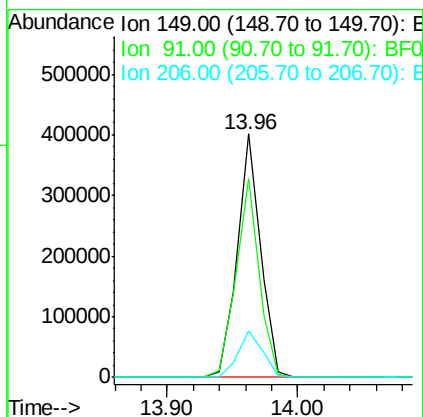
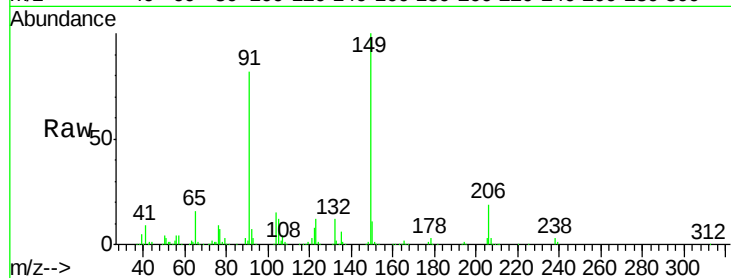




#79
Butylbenzylphthalate
Concen: 45.62 ng
RT: 13.96 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BF083393.D
Acq: 2 Dec 2015 1:32

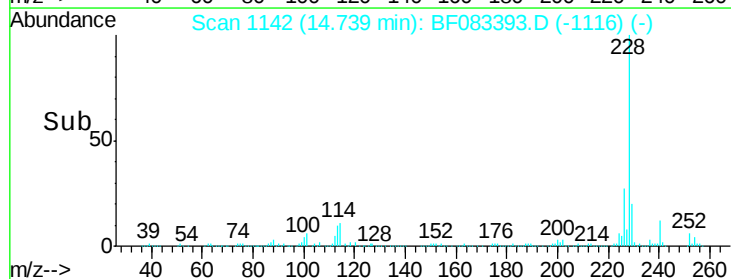
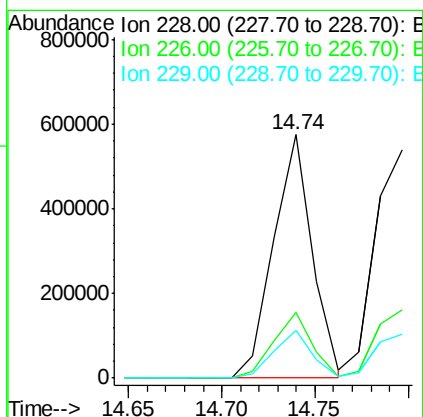
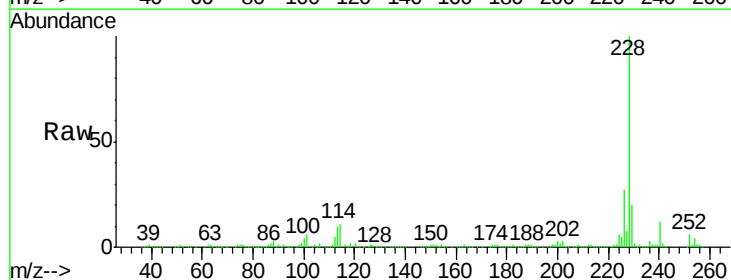
Instrument :
BNA_F
ClientSampleId :
MW-01MS

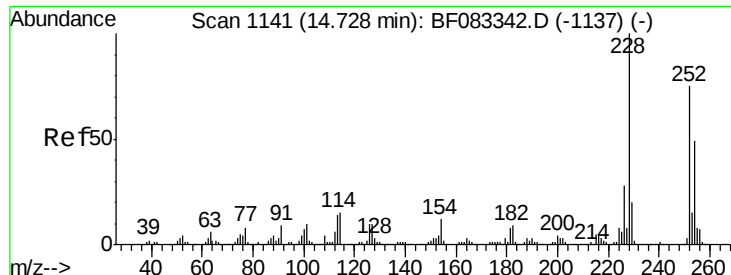
Tgt Ion:149 Resp: 495617
Ion Ratio Lower Upper
149 100
91 81.7 71.4 107.2
206 19.2 15.1 22.7



#80
Benzo(a)anthracene
Concen: 36.93 ng
RT: 14.74 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF083393.D
Acq: 2 Dec 2015 1:32

Tgt Ion:228 Resp: 829611
Ion Ratio Lower Upper
228 100
226 27.0 22.2 33.4
229 19.7 16.1 24.1

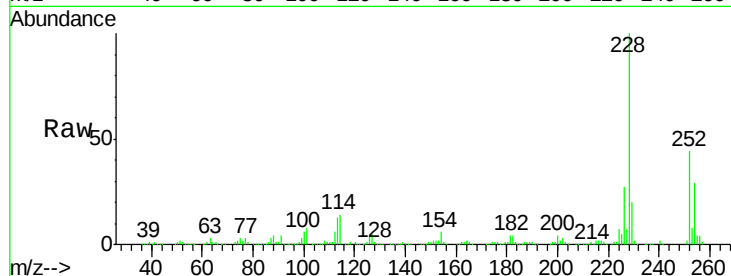




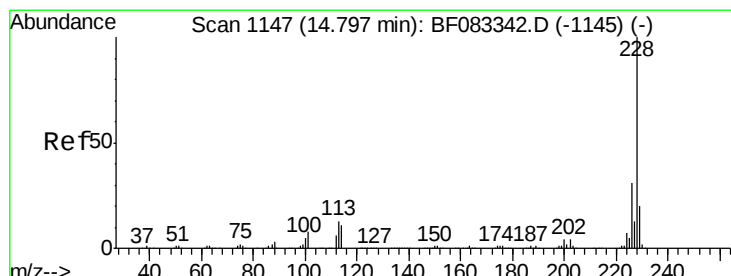
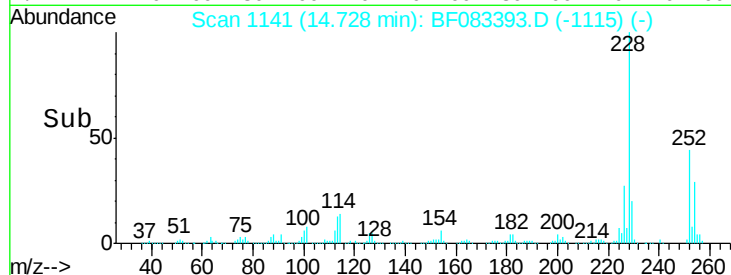
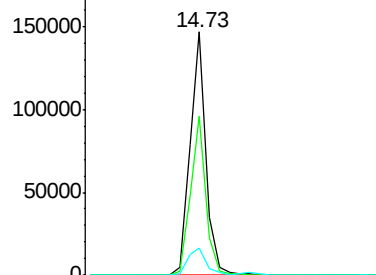
#81
 3,3'-Dichlorobenzidine
 Concen: 26.95 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF083393.D
 Acq: 2 Dec 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MS

Tgt Ion: 252 Resp: 189100
 Ion Ratio Lower Upper
 252 100
 254 65.3 52.0 78.0
 126 11.2 10.7 16.1

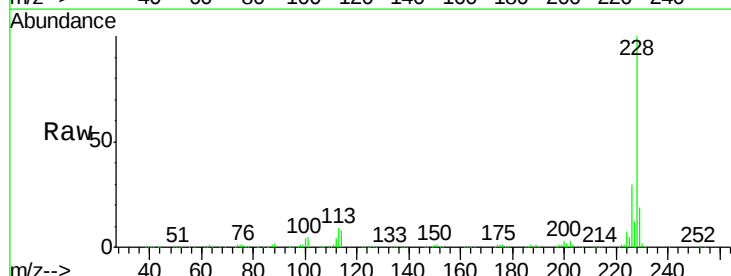


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

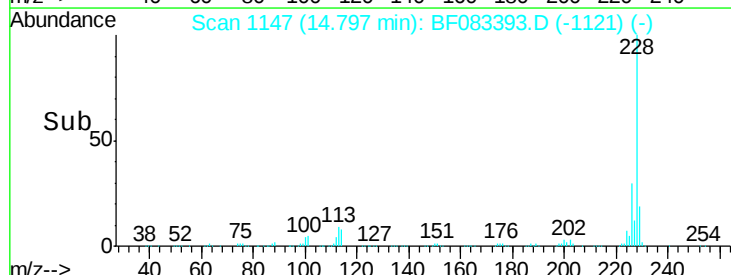
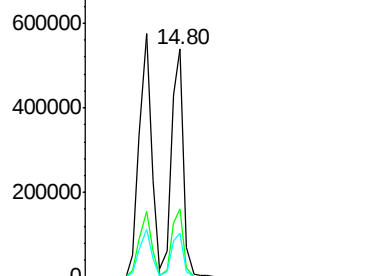


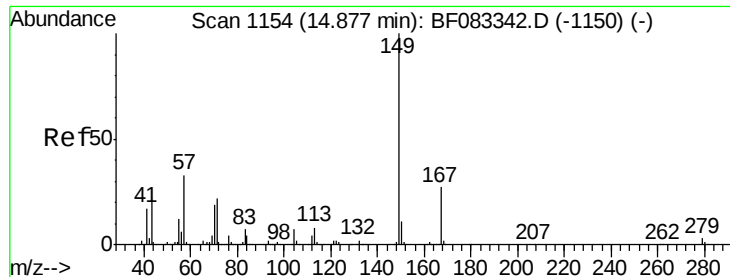
#82
 Chrysene
 Concen: 35.53 ng
 RT: 14.80 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF083393.D
 Acq: 2 Dec 2015 1:32

Tgt Ion: 228 Resp: 771175
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.6 37.0
 229 19.3 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: 46.68 ng

RT: 14.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-01MS

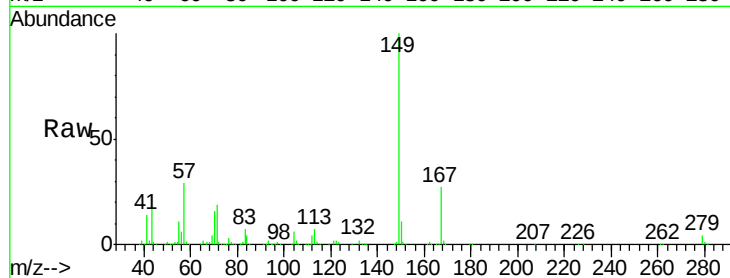
Tgt Ion:149 Resp: 680198

Ion Ratio Lower Upper

149 100

167 27.1 21.5 32.3

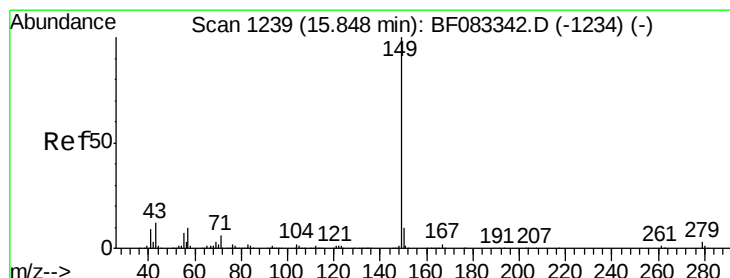
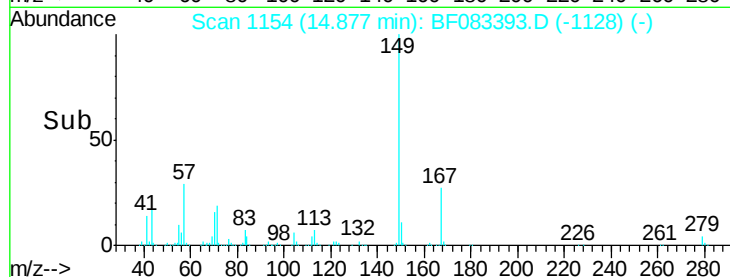
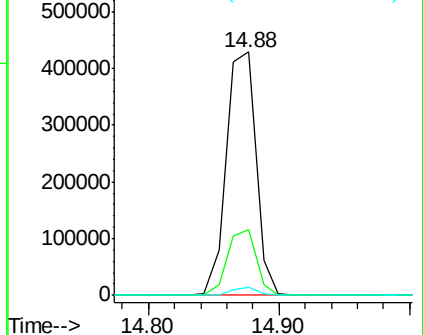
279 3.5 2.6 3.8



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: 46.10 ng

RT: 15.84 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF083393.D

Acq: 2 Dec 2015 1:32

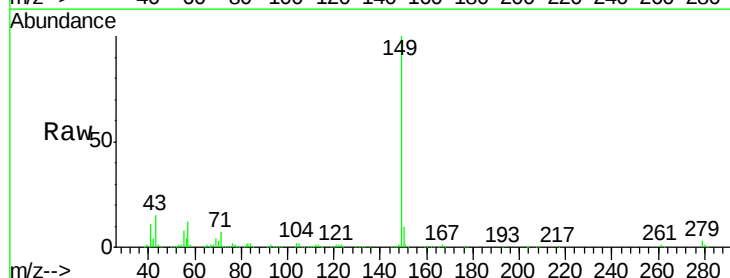
Tgt Ion:149 Resp: 1000375

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

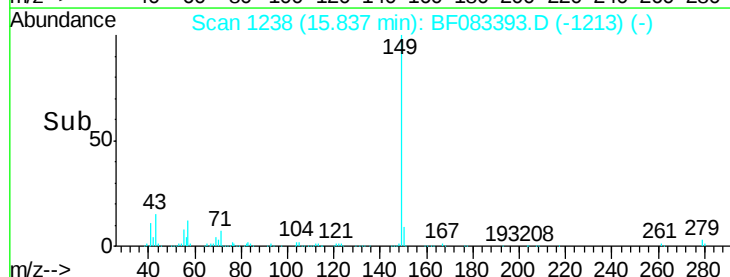
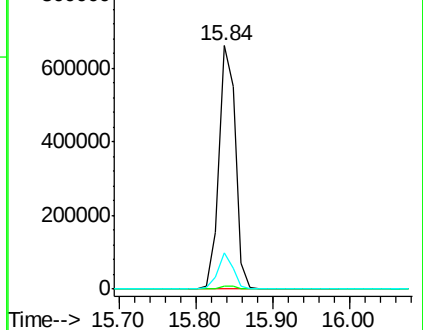
43 13.4 11.0 16.6

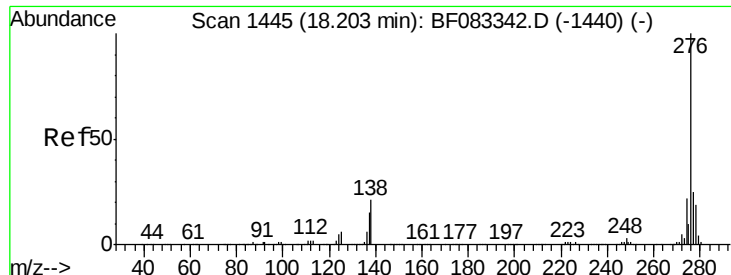


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

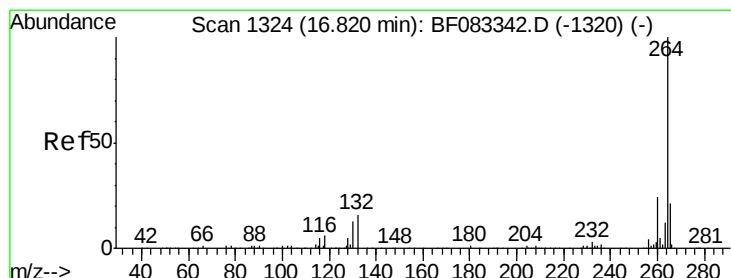
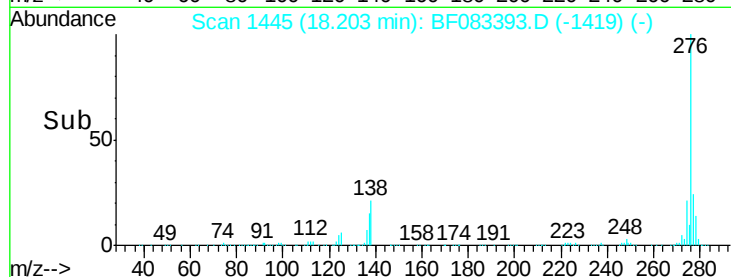
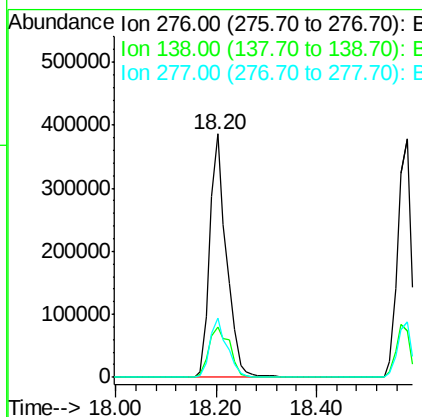
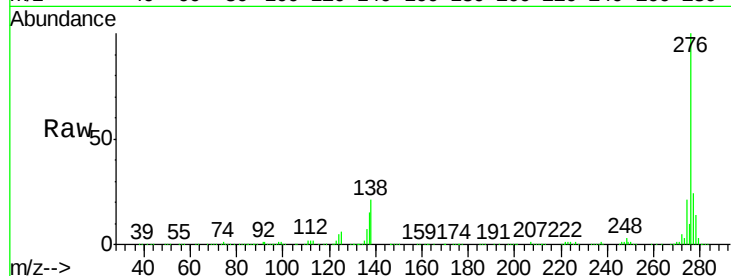




#85
Indeno(1,2,3-cd)pyrene
Concen: 56.31 ng
RT: 18.20 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF083393.D
Acq: 2 Dec 2015 1:32

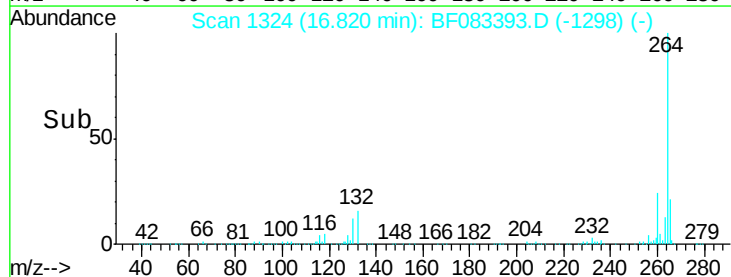
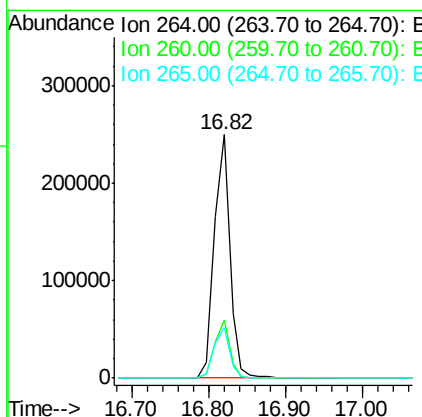
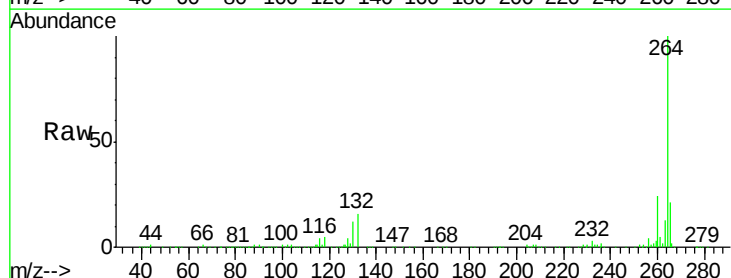
Instrument :
BNA_F
ClientSampleId :
MW-01MS

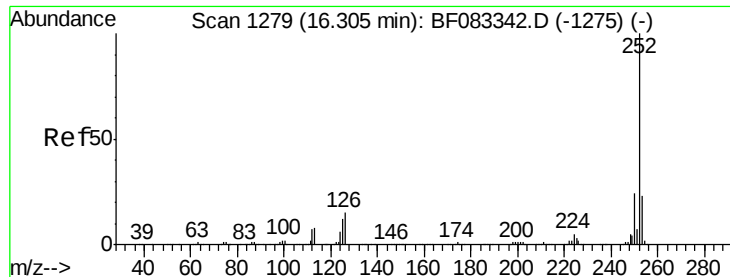
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.2	31.8
277	25.1	20.0	30.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.82 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF083393.D
Acq: 2 Dec 2015 1:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	20.9	16.8	25.2

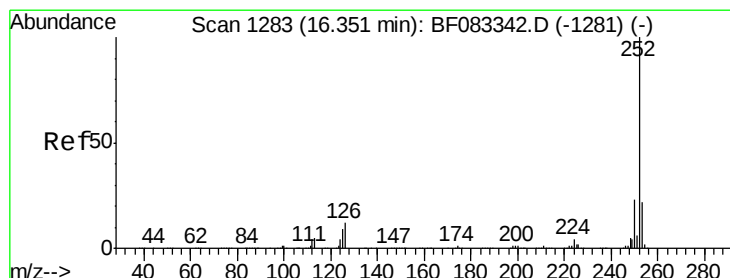
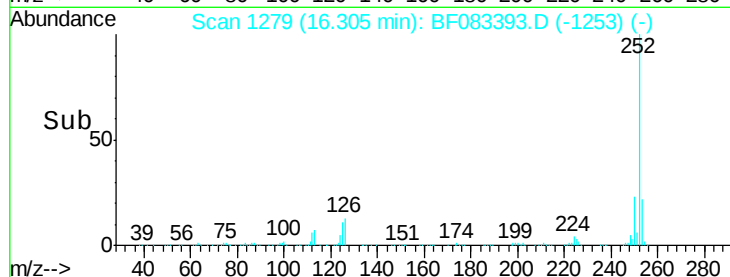
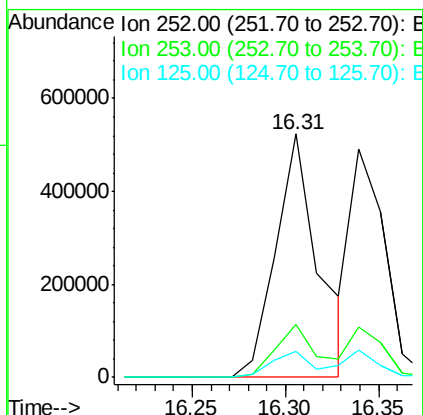
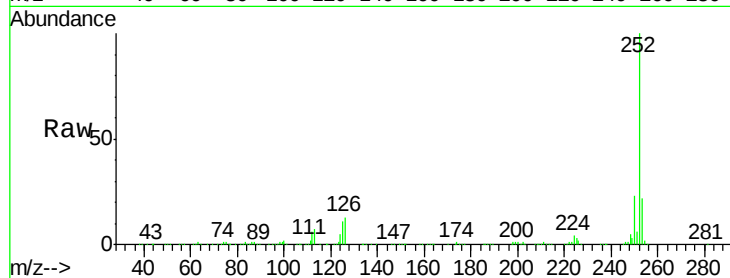




#87
Benzo(b)fluoranthene
Concen: 36.55 ng
RT: 16.31 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF083393.D
Acq: 2 Dec 2015 1:32

Instrument :
BNA_F
ClientSampleId :
MW-01MS

Tgt Ion:252 Resp: 833617
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 10.9 9.6 14.4



#88
Benzo(k)fluoranthene
Concen: 38.70 ng
RT: 16.31 min Scan# 1279
Delta R.T. -0.05 min
Lab File: BF083393.D
Acq: 2 Dec 2015 1:32

Tgt Ion:252 Resp: 833617
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.9 7.5 11.3

