

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083156.D
 Acq On : 22 Nov 2015 13:50
 Operator : UM/IZ
 Sample : G4504-04MSD
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02MSD

Quant Time: Nov 23 03:36:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	216808	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	825268	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	431221	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	742401	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	560387	20.00	ng	-0.01
86) Perylene-d12	15.15	264	502991	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1279253	89.21	ng	-0.02
7) Phenol-d6	6.32	99	1224014	65.97	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1669315	92.43	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	530479	120.25	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	2590722	83.78	ng	0.00
78) Terphenyl-d14	12.75	244	2135431	89.73	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	186322	26.23	ng	# 94
3) Pyridine	2.91	79	272277	14.51	ng	96
4) n-Nitrosodimethylamine	2.79	42	172187	19.90	ng	99
6) Aniline	6.32	93	546322	24.09	ng	# 86
8) 2-Chlorophenol	6.44	128	705552	45.54	ng	96
9) Benzaldehyde	6.19	77	452447	53.96	ng	97
10) Phenol	6.33	94	548850	24.45	ng	95
11) bis(2-Chloroethyl)ether	6.40	93	784251	48.93	ng	99
12) 1,3-Dichlorobenzene	6.82	146	643384	36.37	ng	99
13) 1,4-Dichlorobenzene	6.67	146	715309	39.97	ng	94
14) 1,2-Dichlorobenzene	6.82	146	654596	40.25	ng	96
15) Benzyl Alcohol	6.81	79	463638	29.90	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1314578	52.60	ng	70
17) 2-Methylphenol	6.95	107	521657	40.69	ng	96
18) Hexachloroethane	7.16	117	256938	40.76	ng	# 89
19) n-Nitroso-di-n-propylamine	7.10	70	628092	48.64	ng	# 87
20) 3+4-Methylphenols	7.10	107	660615	40.76	ng	96
22) Acetophenone	7.07	105	1085741	45.83	ng	# 99
24) Nitrobenzene	7.24	77	820049	42.49	ng	99
25) Isophorone	7.50	82	1617931	47.31	ng	98
26) 2-Nitrophenol	7.56	139	395957	46.48	ng	96
27) 2,4-Dimethylphenol	7.62	122	645004	47.44	ng	96
28) bis(2-Chloroethoxy)methane	7.71	93	976628	49.12	ng	99
29) 2,4-Dichlorophenol	7.82	162	636782	49.24	ng	99
30) 1,2,4-Trichlorobenzene	7.88	180	606202	42.68	ng	95
31) Naphthalene	7.96	128	2013566	45.21	ng	98
32) Benzoic acid	7.75	122	157818	14.93	ng	94
33) 4-Chloroaniline	8.02	127	326215	18.88	ng	95
34) Hexachlorobutadiene	8.09	225	365269	43.51	ng	98
35) Caprolactam	8.43	113	31008	7.48	ng	# 90
36) 4-Chloro-3-methylphenol	8.52	107	682308	45.55	ng	99
37) 2-Methylnaphthalene	8.65	142	1293738	44.76	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	588760	42.13	ng	# 98
40) Hexachlorocyclopentadiene	8.81	237	508151	63.94	ng	98

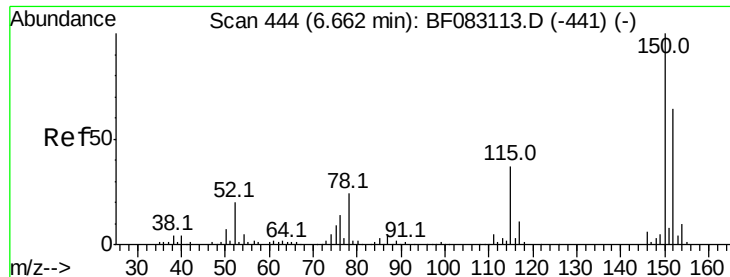
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083156.D
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Quant Time: Nov 23 03:36:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	433404	43.30	nq	98
43) 2,4,5-Trichlorophenol	8.98	196	469114	45.84	nq	# 86
45) 1,1'-Biphenyl	9.12	154	1486273	40.50	nq	96
46) 2-Chloronaphthalene	9.14	162	1274554	44.21	nq	94
47) 2-Nitroaniline	9.24	65	420255	41.21	nq	97
48) Acenaphthylene	9.55	152	1872287	41.91	nq	98
49) Dimethylphthalate	9.44	163	1683342	50.70	nq	99
50) 2,6-Dinitrotoluene	9.50	165	352211	47.28	nq	# 57
51) Acenaphthene	9.72	154	1145190	42.12	nq	100
52) 3-Nitroaniline	9.66	138	57757	7.27	nq	# 70
53) 2,4-Dinitrophenol	9.76	184	328901	76.64	nq	# 83
54) Dibenzofuran	9.90	168	1612102	41.93	nq	95
55) 4-Nitrophenol	9.85	139	194526	31.94	nq	88
56) 2,4-Dinitrotoluene	9.90	165	456193	48.33	nq	# 82
57) Fluorene	10.24	166	1350521	42.51	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	387776	46.19	nq	99
59) Diethylphthalate	10.14	149	1539345	46.58	nq	99
60) 4-Chlorophenyl-phenylether	10.24	204	655775	45.06	nq	# 82
61) 4-Nitroaniline	10.27	138	241161	30.84	nq	90
62) Azobenzene	10.39	77	1818359	48.21	nq	97
64) 4,6-Dinitro-2-methylphenol	10.30	198	213663	41.77	nq	# 71
65) n-Nitrosodiphenylamine	10.36	169	1232288	48.80	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	382783	46.46	nq	# 83
67) Hexachlorobenzene	10.79	284	462029	50.93	nq	# 84
68) Atrazine	10.90	200	385040	52.51	nq	99
69) Pentachlorophenol	10.98	266	516799	87.46	nq	97
70) Phenanthrene	11.19	178	1981816	46.33	nq	99
71) Anthracene	11.24	178	2069880	47.43	nq	99
72) Carbazole	11.41	167	1735804	44.75	nq	99
73) Di-n-butylphthalate	11.75	149	2314534	48.89	nq	99
74) Fluoranthene	12.38	202	2142480	48.94	nq	96
77) Pyrene	12.59	202	1974188	51.57	nq	100
79) Butylbenzylphthalate	13.23	149	1017667	56.17	nq	97
80) Benzo(a)anthracene	13.78	228	1736710	50.11	nq	99
81) 3,3'-Dichlorobenzidine	13.76	252	224137	18.58	nq	100
82) Chrysene	13.82	228	1409631	43.86	nq	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	1294842	54.72	nq	98
84) Di-n-octyl phthalate	14.40	149	2168898	53.24	nq	97
85) Indeno(1,2,3-cd)pyrene	16.42	276	1482191	50.70	nq	97
87) Benzo(b)fluoranthene	14.81	252	2783877	81.00	nq	# 96
88) Benzo(k)fluoranthene	14.81	252	2785527	108.78	nq	# 98
89) Benzo(a)pyrene	15.11	252	1359714	47.92	nq	99
90) Dibenzo(a,h)anthracene	16.43	278	1265896	49.11	nq	# 96
91) Benzo(g,h,i)perylene	16.80	276	1258096	50.00	nq	# 95

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

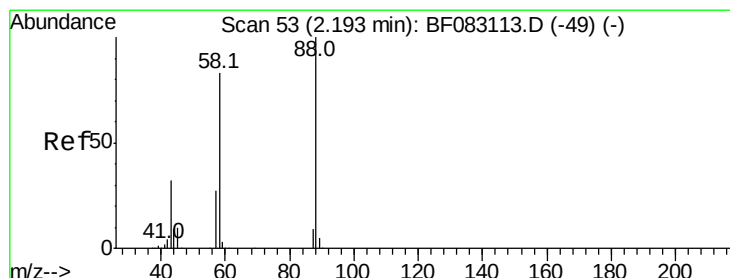
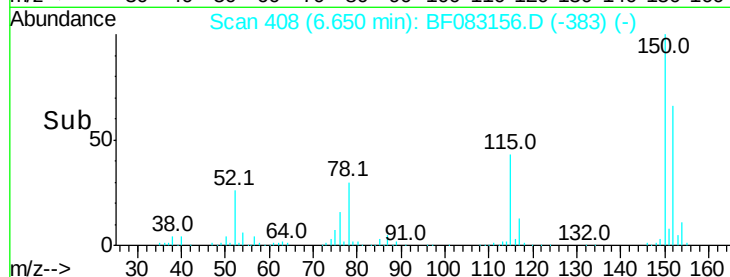
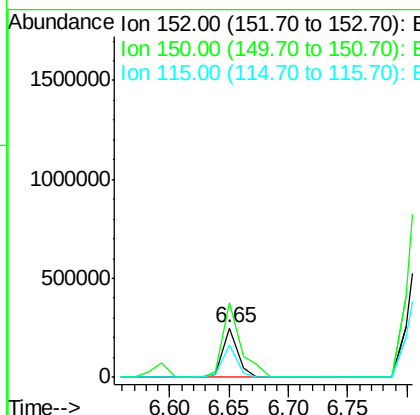
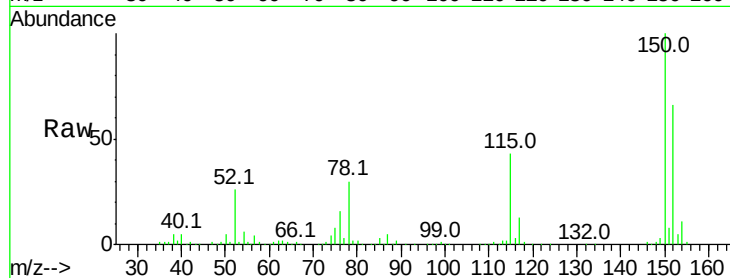


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

Instrument :
BNA_F
ClientSampleId :
MW-02MSD

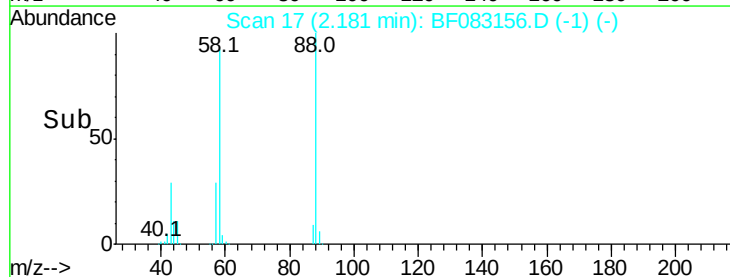
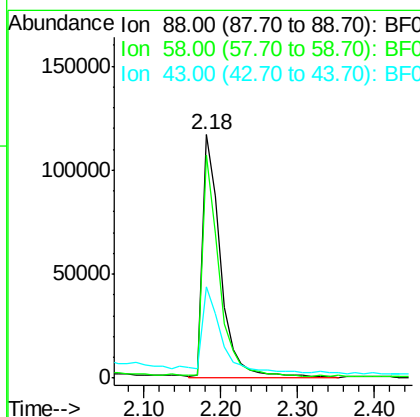
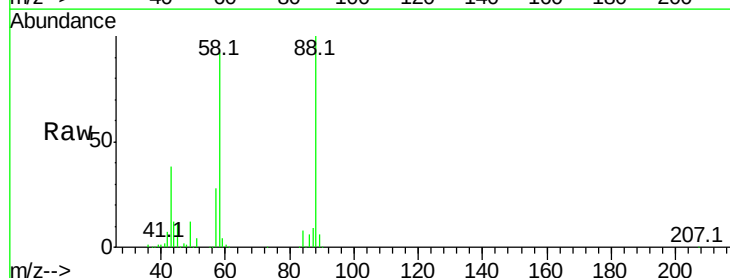
Tot Ion:152 Resp: 216808
Ion Ratio Lower Upper
152 100
150 151.8 125.8 188.8
115 64.6 46.9 70.3

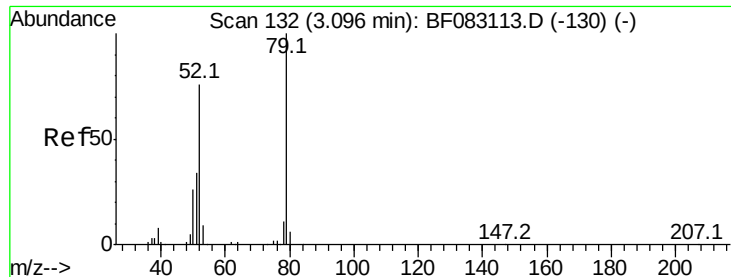


#2

1,4-Dioxane
Concen: 26.23 ng
RT: 2.18 min Scan# 17
Delta R.T. -0.01 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

Tgt Ion: 88 Resp: 186322
Ion Ratio Lower Upper
88 100
58 83.5 65.0 97.6
43 39.4 24.7 37.1#





#3

Pvridine

Concen: 14.51 ng

RT: 2.91 min Scan# 81

Delta R.T. -0.18 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

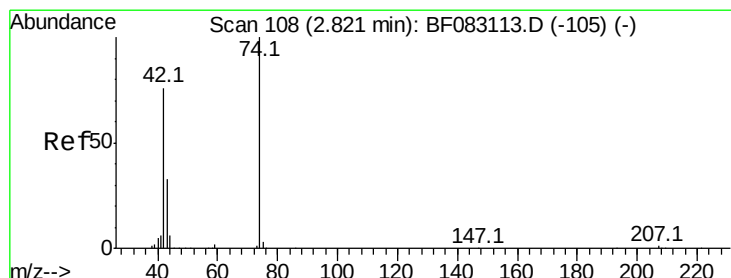
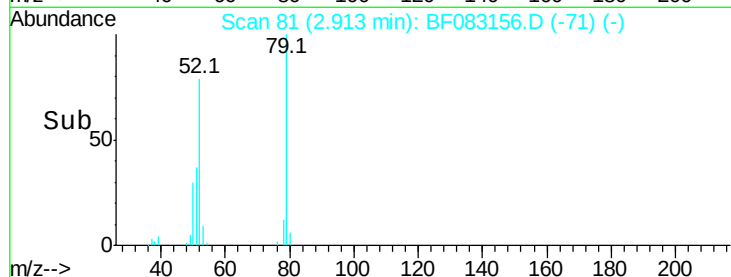
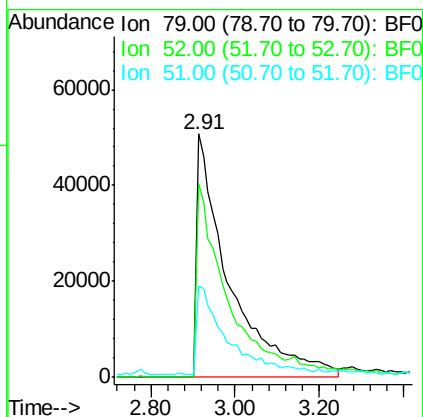
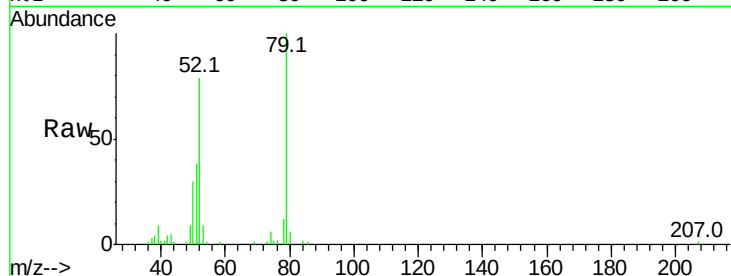
Tot Ion: 79 Resp: 272277

Ion Ratio Lower Upper

79 100

52 79.5 60.7 91.1

51 37.7 27.9 41.9



#4

n-Nitrosodimethylamine

Concen: 19.90 ng

RT: 2.79 min Scan# 70

Delta R.T. -0.03 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

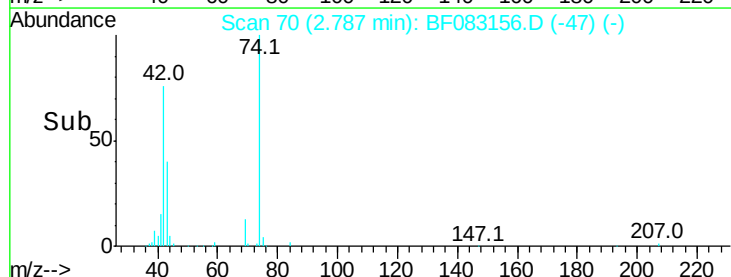
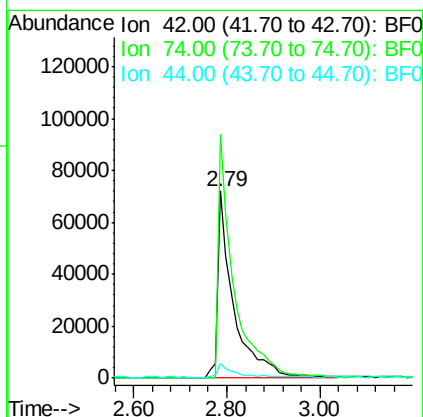
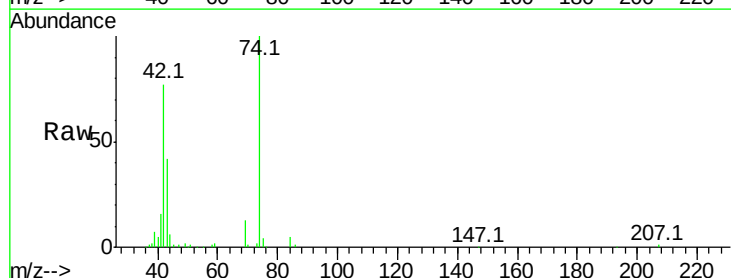
Tgt Ion: 42 Resp: 172187

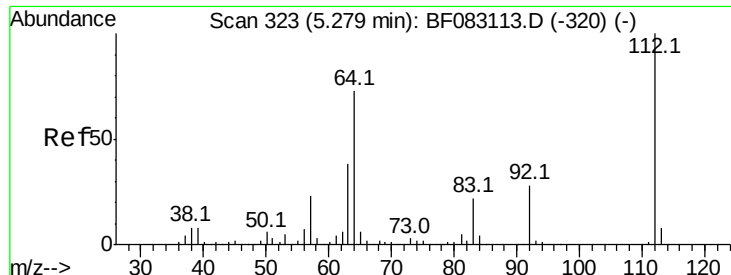
Ion Ratio Lower Upper

42 100

74 130.3 104.8 157.2

44 7.5 6.2 9.4

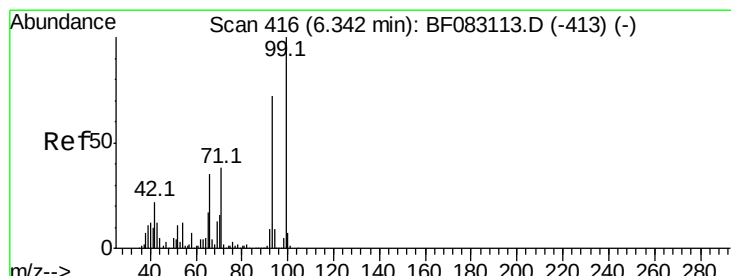
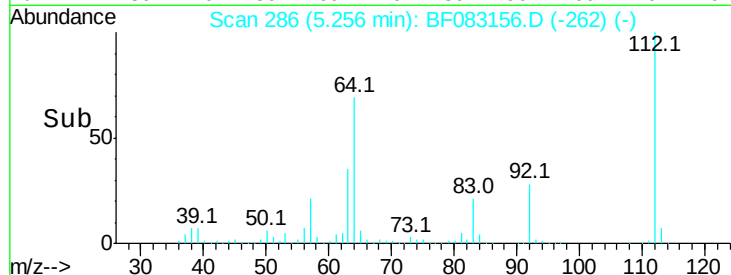
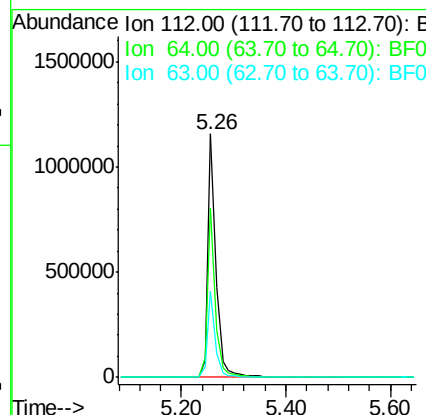
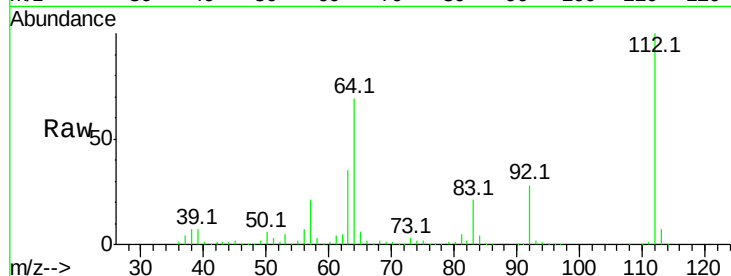




#5
 2-Fluorophenol
 Concen: 89.21 ng
 RT: 5.26 min Scan# 286
 Delta R.T. -0.02 min
 Lab File: BF083156.D
 Acq: 22 Nov 2015 13:50

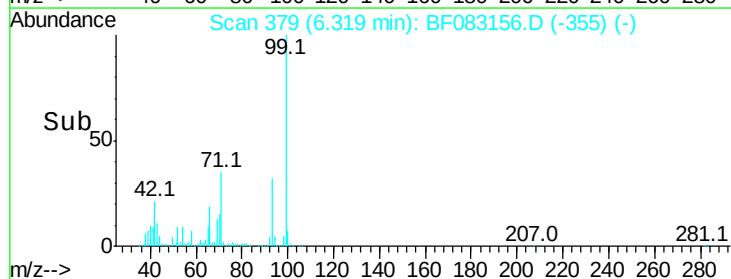
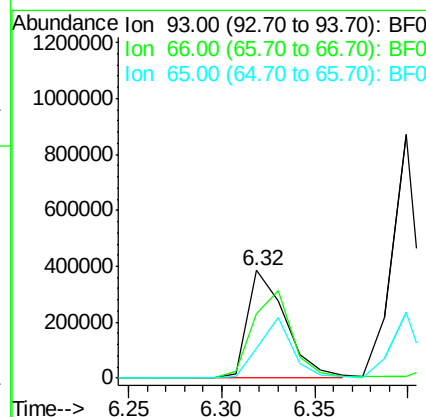
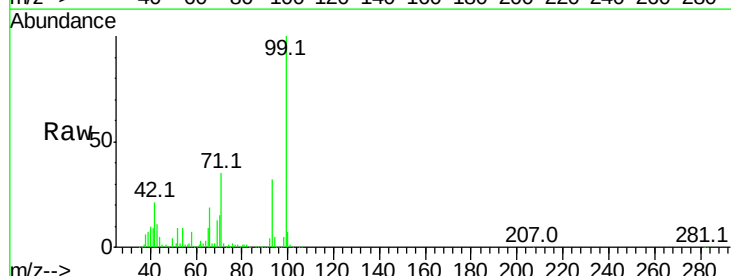
Instrument :
 BNA_F
 ClientSampleId :
 MW-02MSD

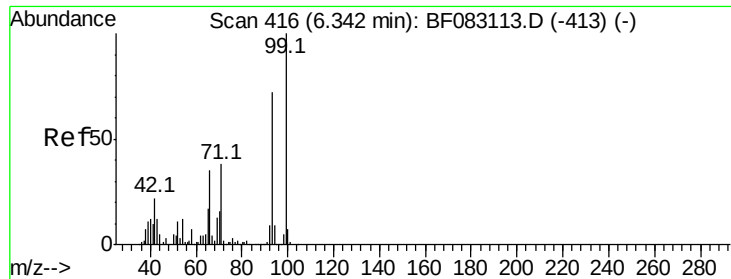
Tot Ion: 112 Resp: 1279253
 Ion Ratio Lower Upper
 112 100
 64 69.5 58.4 87.6
 63 35.5 30.0 45.0



#6
 Aniline
 Concen: 24.09 ng
 RT: 6.32 min Scan# 379
 Delta R.T. -0.02 min
 Lab File: BF083156.D
 Acq: 22 Nov 2015 13:50

Tgt Ion: 93 Resp: 546322
 Ion Ratio Lower Upper
 93 100
 66 59.6 38.7 58.1#
 65 27.4 18.6 27.8





#7

Phenol-d6

Concen: 65.97 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

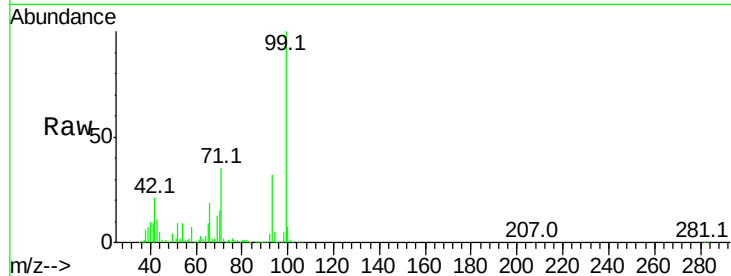
BNA_F

ClientSampleId :

MW-02MSD

Tot Ion: 99 Resp: 1224014

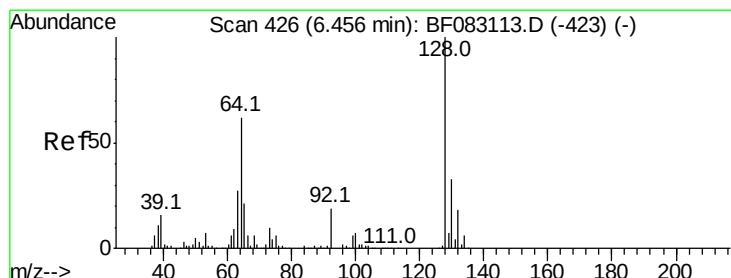
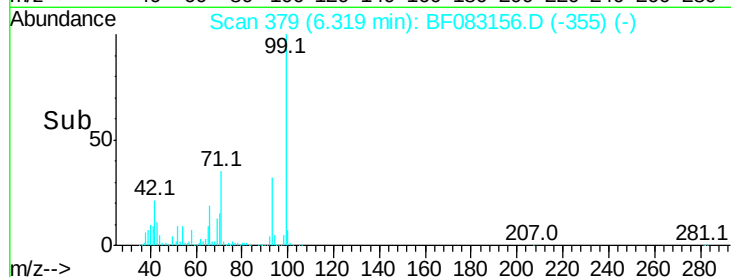
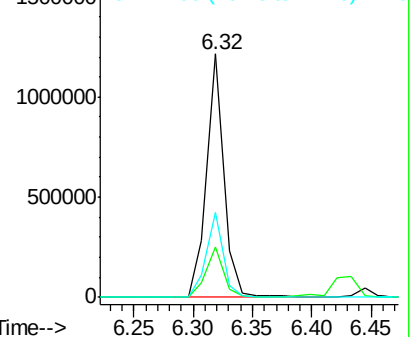
Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.7	26.5
71	34.8	30.2	45.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.54 ng

RT: 6.44 min Scan# 390

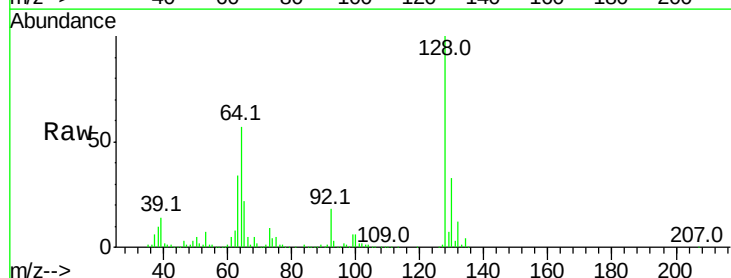
Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Tgt Ion:128 Resp: 705552

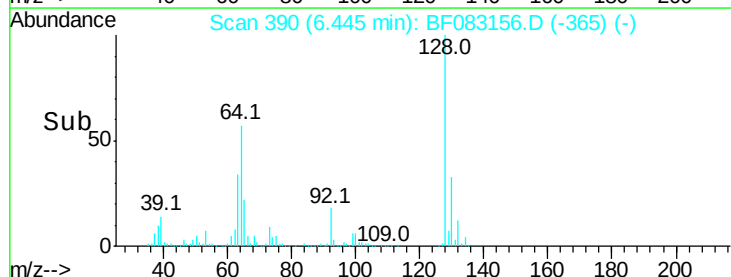
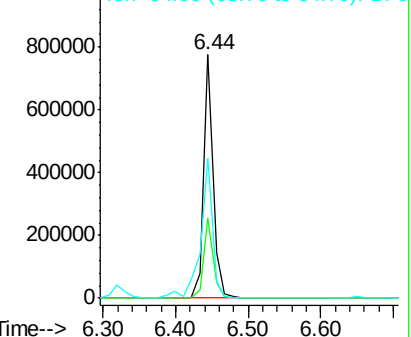
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.6	52.6
64	57.3	41.9	81.9

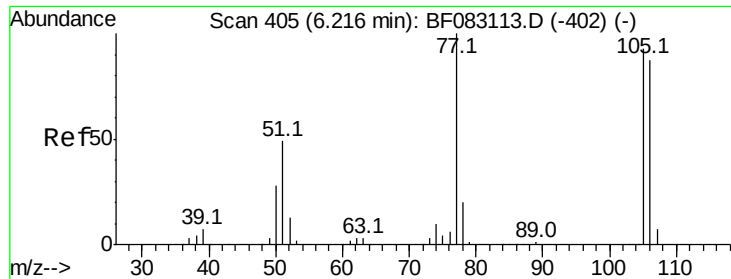


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 53.96 ng

RT: 6.19 min Scan# 368

Delta R.T. -0.02 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

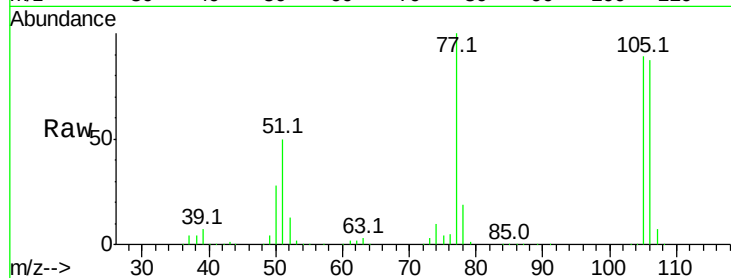
Tot Ion: 77 Resp: 452447

Ion Ratio Lower Upper

77 100

105 89.1 73.4 113.4

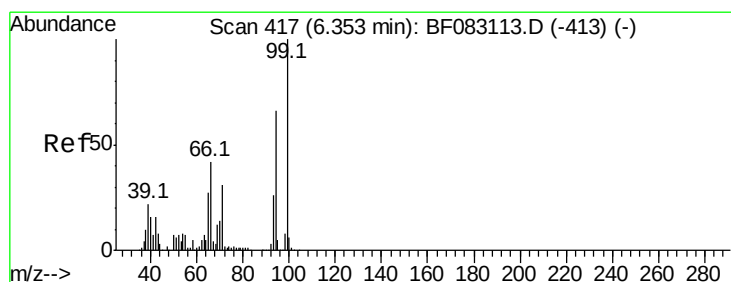
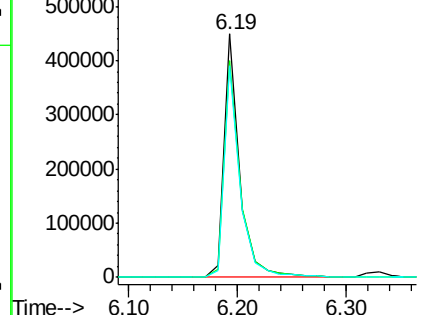
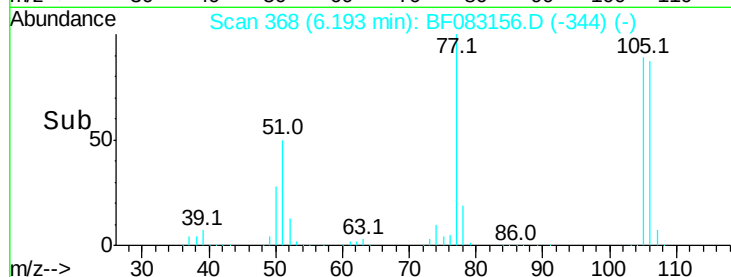
106 86.7 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 24.45 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

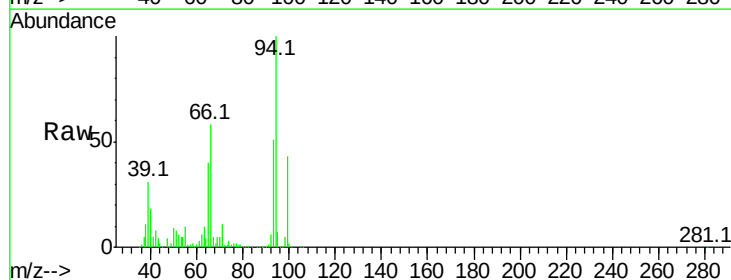
Tgt Ion: 94 Resp: 548850

Ion Ratio Lower Upper

94 100

65 39.9 21.1 61.1

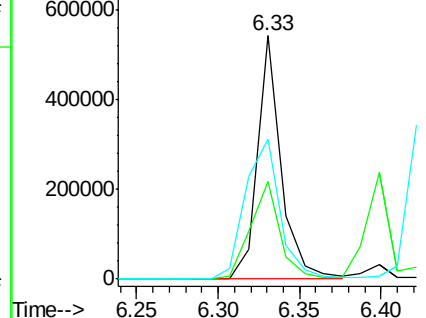
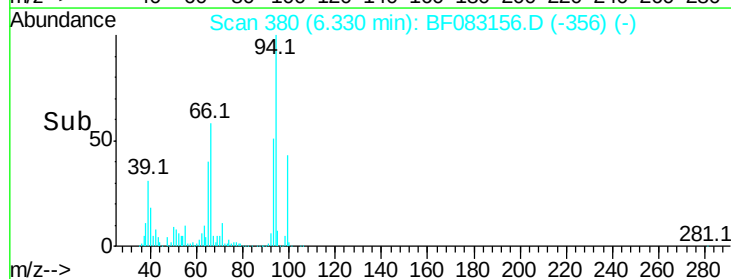
66 57.5 43.1 83.1

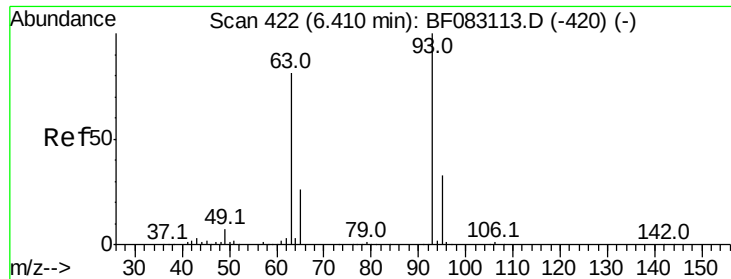


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

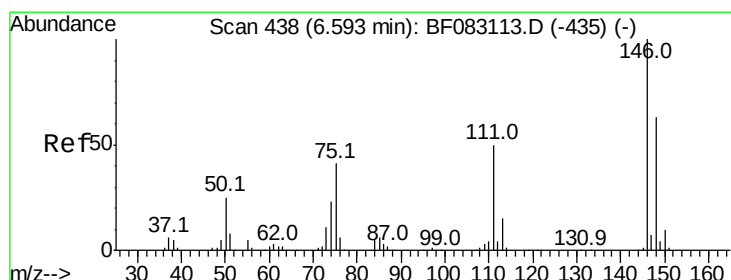
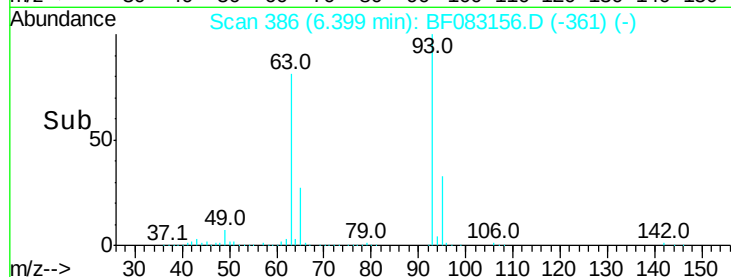
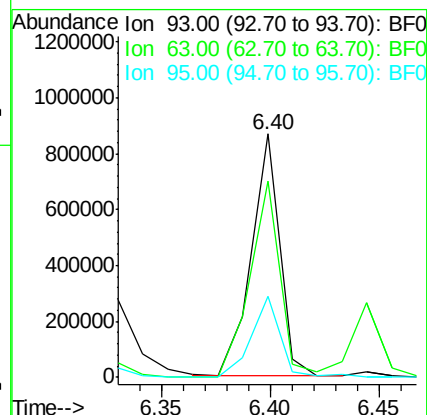
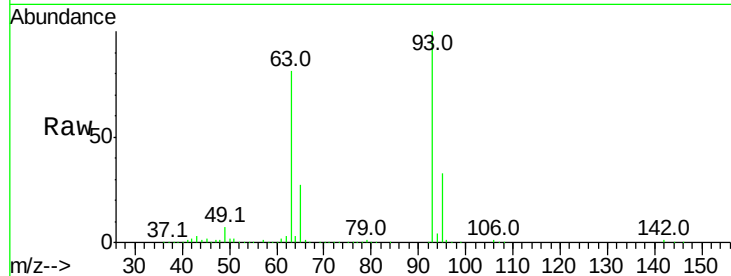




#11
bis(2-Chloroethyl)ether
Concen: 48.93 ng
RT: 6.40 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

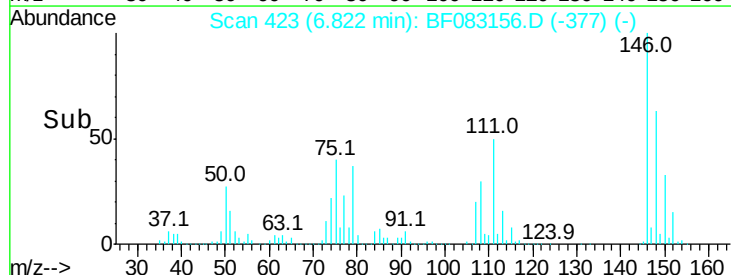
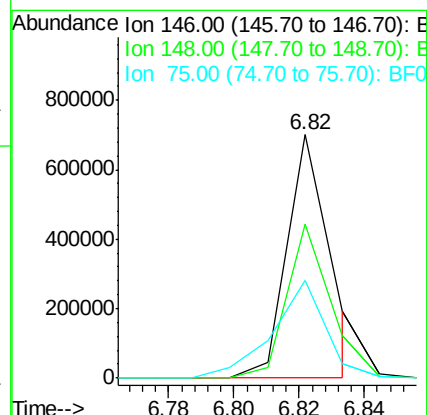
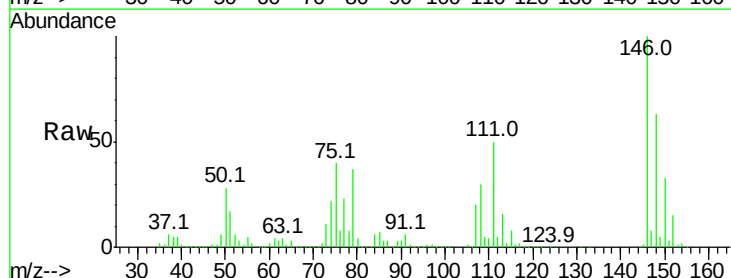
Instrument :
BNA_F
ClientSampleId :
MW-02MSD

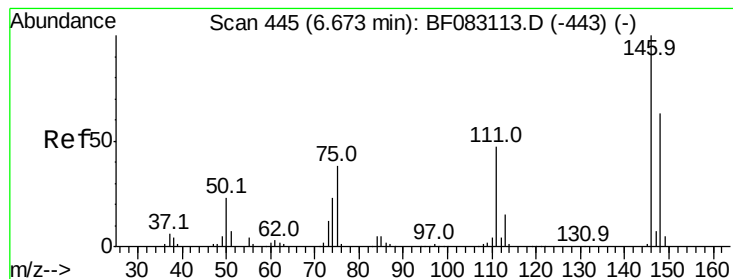
Tot Ion:	93	Resp:	784251
Ion	Ratio	Lower	Upper
93	100		
63	80.8	59.8	99.8
95	33.4	13.0	53.0



#12
1,3-Dichlorobenzene
Concen: 36.37 ng
RT: 6.82 min Scan# 423
Delta R.T. 0.23 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

Tgt Ion:	146	Resp:	643384
Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.2	75.2
75	40.3	32.7	49.1





#13

1,4-Dichlorobenzene

Concen: 39.97 ng

RT: 6.67 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

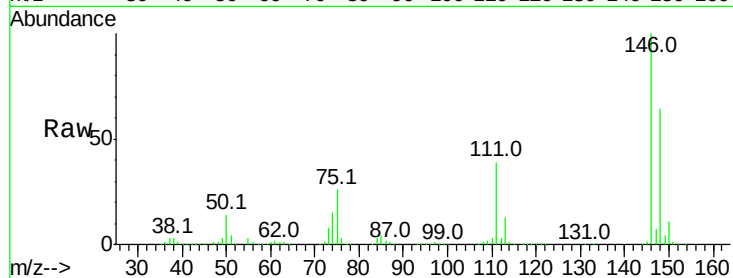
Tot Ion:146 Resp: 715309

Ion Ratio Lower Upper

146 100

148 64.0 50.2 75.2

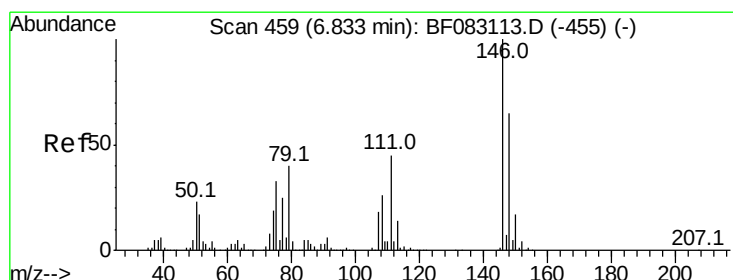
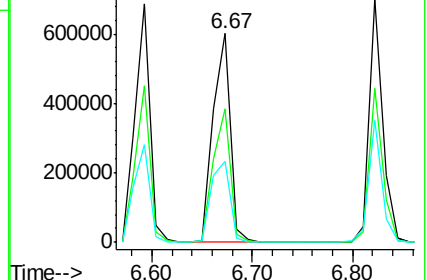
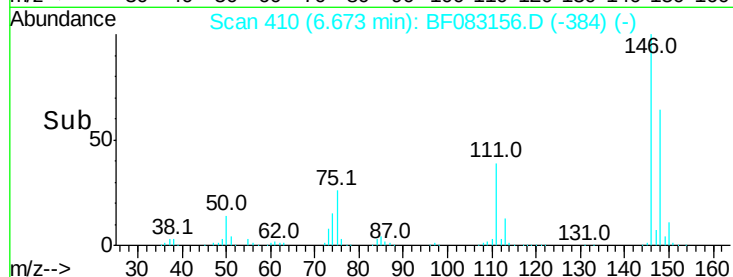
111 38.7 37.5 56.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.25 ng

RT: 6.82 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

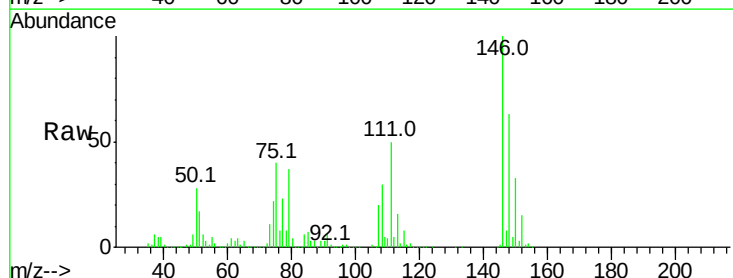
Tgt Ion:146 Resp: 654596

Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.6

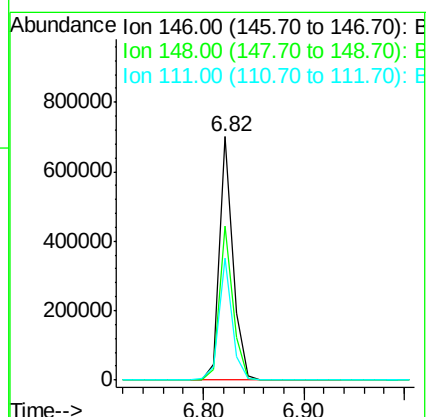
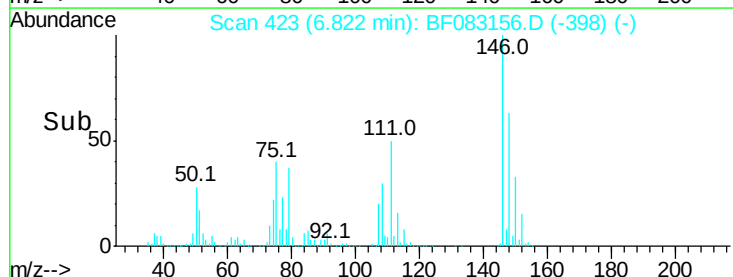
111 50.0 36.2 54.4

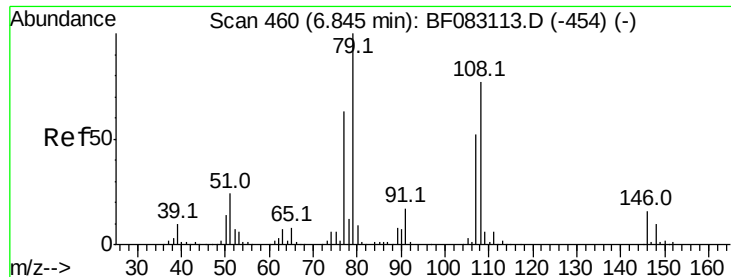


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

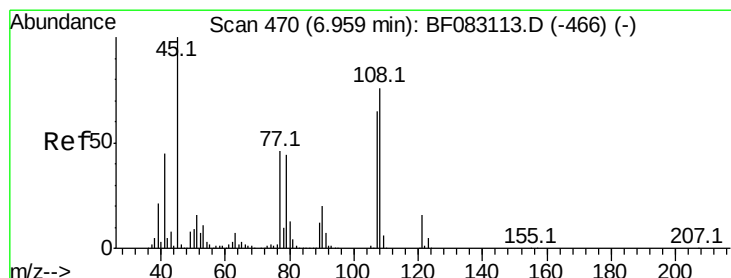
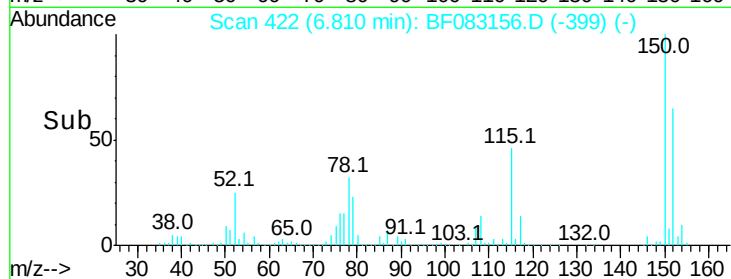
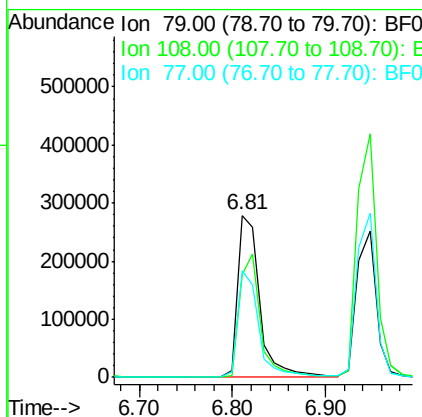
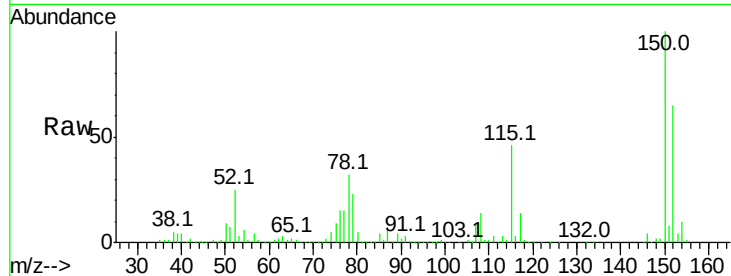




#15
Benzyl Alcohol
Concen: 29.90 ng
RT: 6.81 min Scan# 422
Delta R.T. -0.03 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

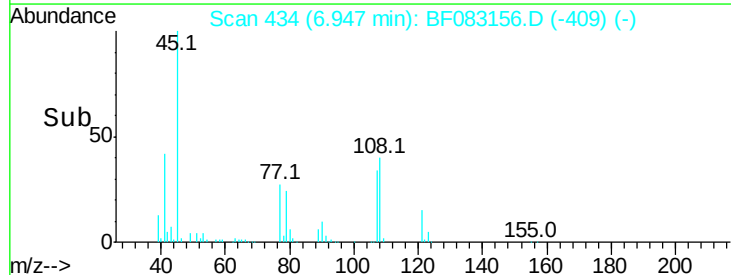
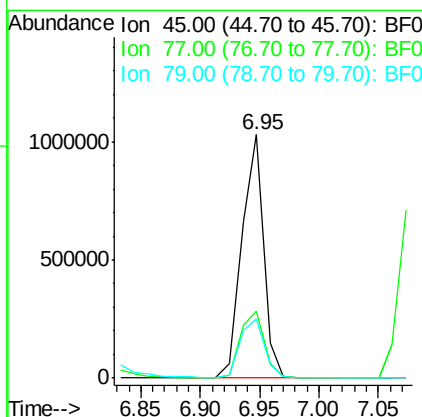
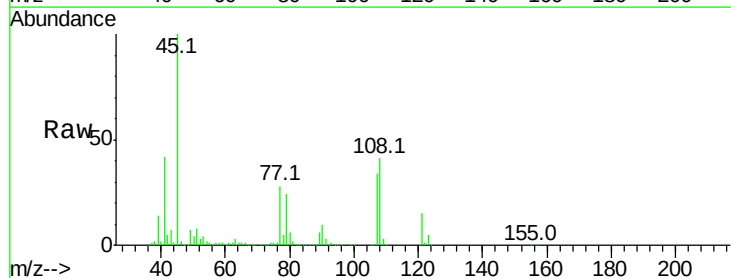
Instrument :
BNA_F
ClientSampleId :
MW-02MSD

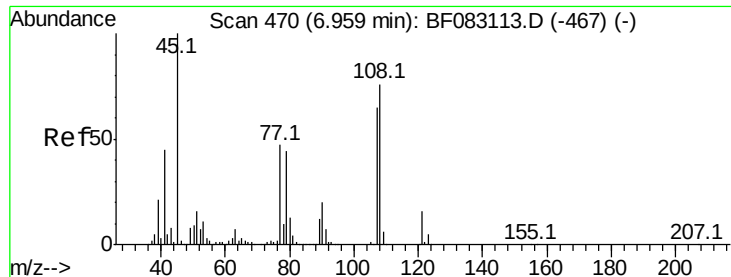
Tot Ion: 79 Resp: 463638
Ion Ratio Lower Upper
79 100
108 63.2 61.4 92.2
77 65.6 50.5 75.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 52.60 ng
RT: 6.95 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

Tgt Ion: 45 Resp: 1314578
Ion Ratio Lower Upper
45 100
77 27.5 26.7 66.7
79 24.5 24.3 64.3





#17

2-Methylphenol

Concen: 40.69 ng

RT: 6.95 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

Tot Ion:107 Resp: 521657

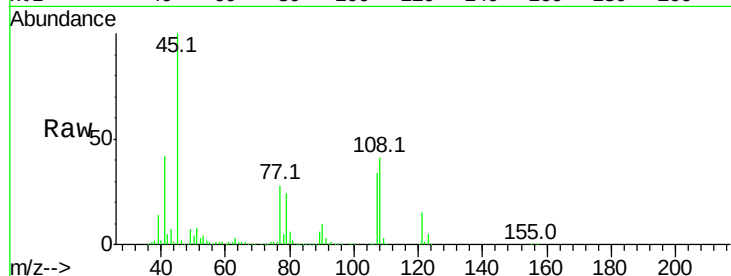
Ion Ratio Lower Upper

107 100

108 118.4 93.8 140.6

77 80.1 57.4 86.0

79 71.2 54.4 81.6

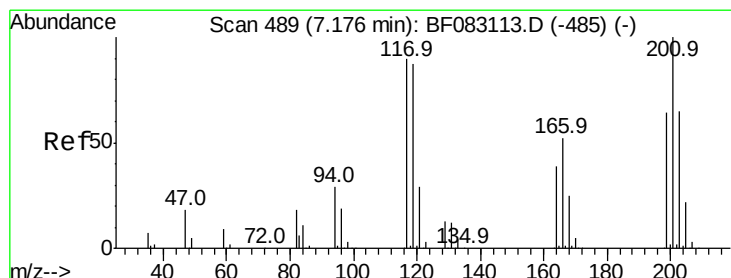
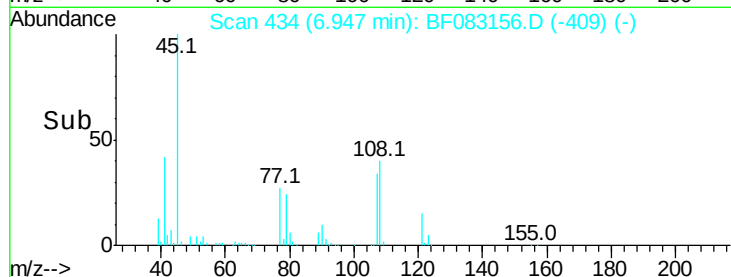
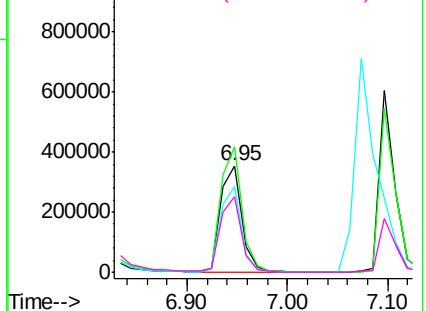


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.76 ng

RT: 7.16 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

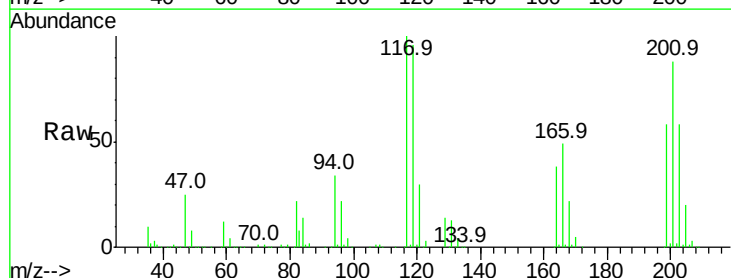
Tgt Ion:117 Resp: 256938

Ion Ratio Lower Upper

117 100

119 96.1 76.8 115.2

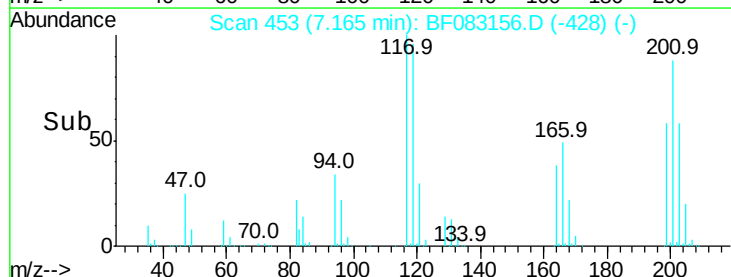
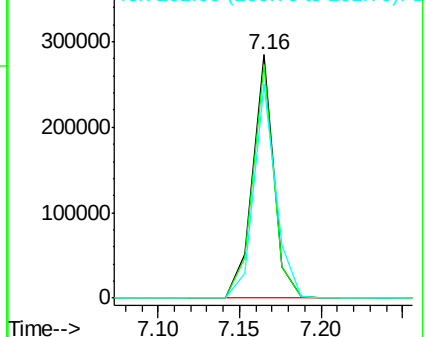
201 88.1 88.6 133.0#

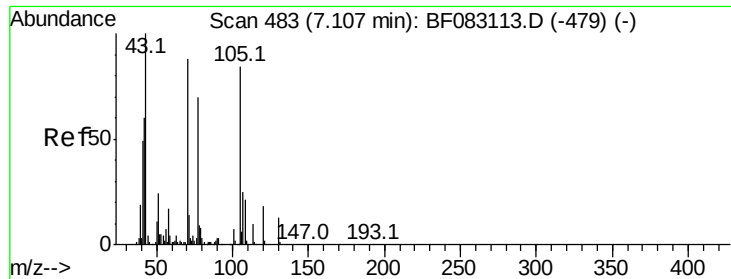


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

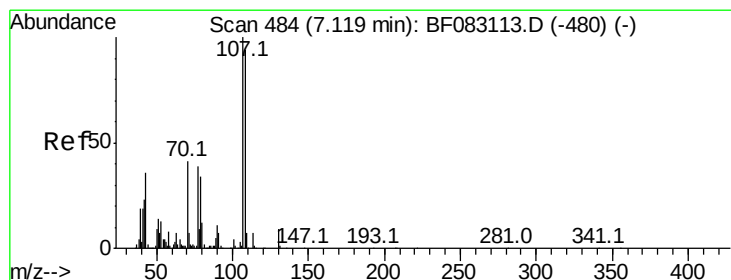
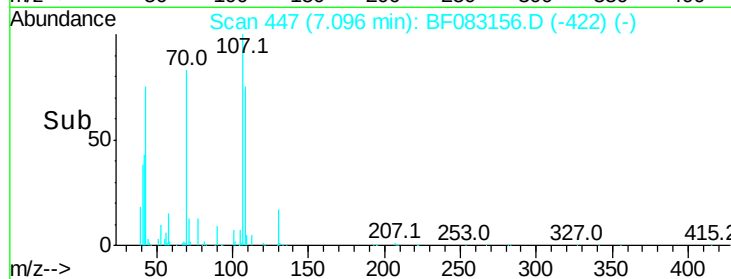
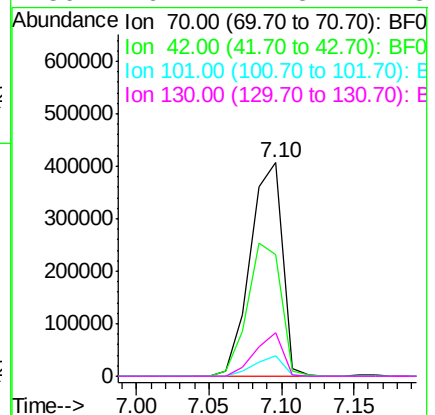
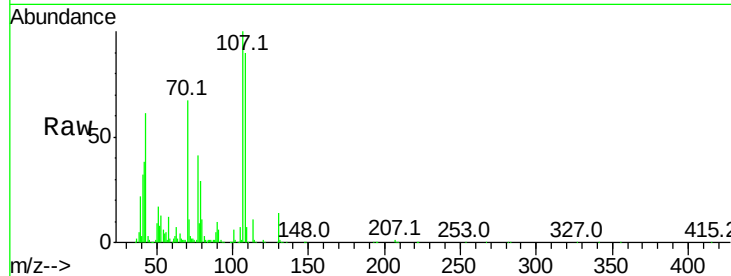




#19
n-Nitroso-di-n-propylamine
Concen: 48.64 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

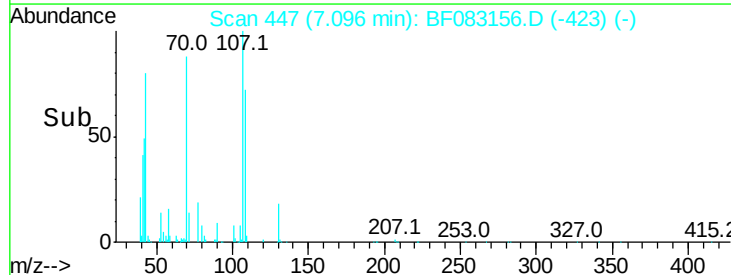
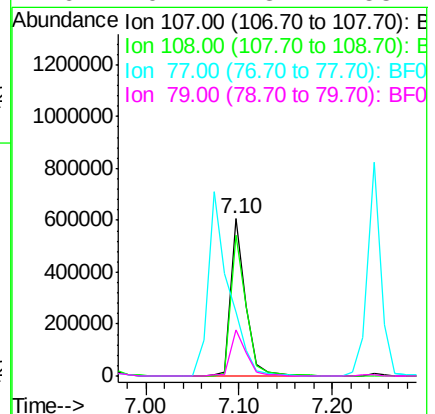
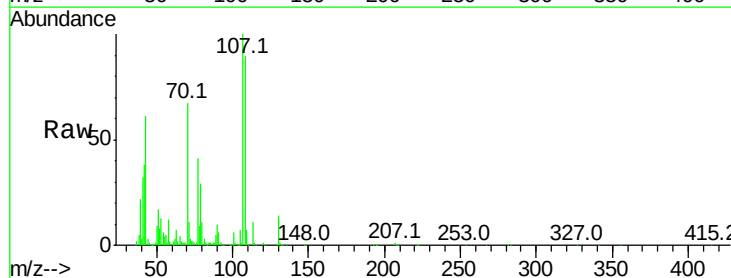
Instrument :
BNA_F
ClientSampleId :
MW-02MSD

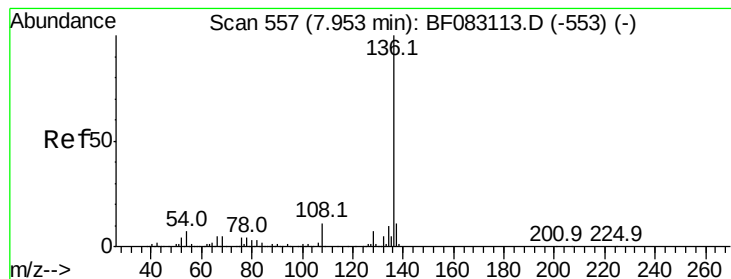
Tot Ion: 70 Resp: 628092
Ion Ratio Lower Upper
70 100
42 56.8 54.5 81.7
101 9.6 6.6 9.8
130 20.4 11.5 17.3#



#20
3+4-Methylphenols
Concen: 40.76 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

Tgt Ion: 107 Resp: 660615
Ion Ratio Lower Upper
107 100
108 89.9 73.8 113.8
77 40.7 19.1 59.1
79 29.4 13.7 53.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

Tot Ion:136 Resp: 825268

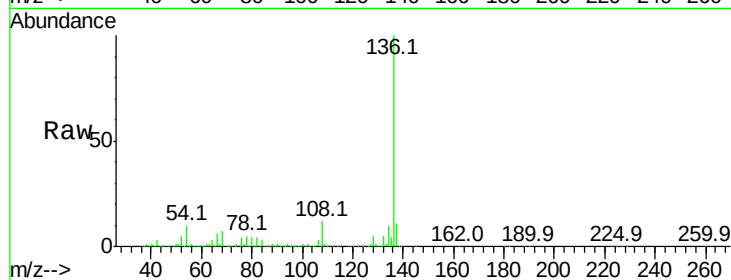
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.2 5.8 8.6#

68 7.3 3.8 5.8#

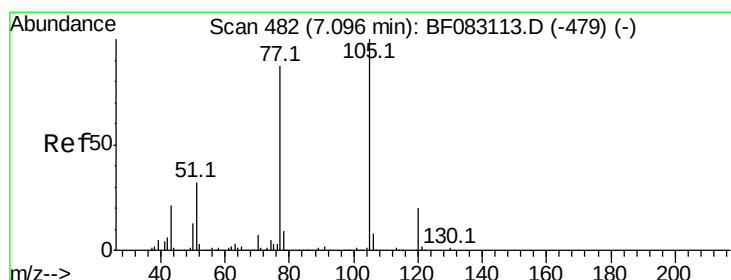
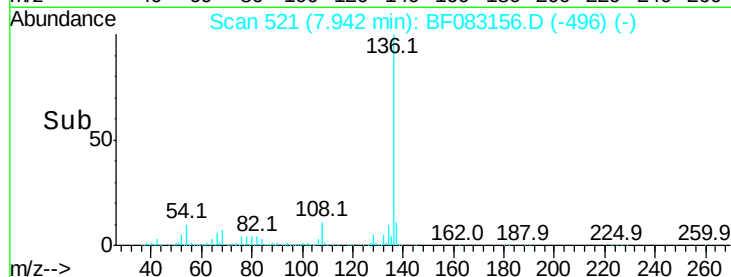
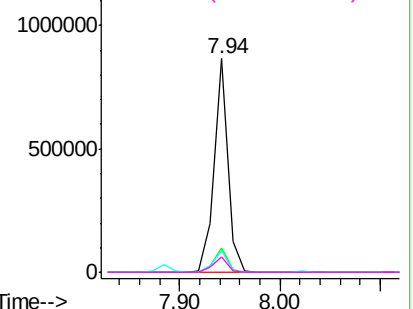


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.83 ng

RT: 7.07 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Tgt Ion:105 Resp: 1085741

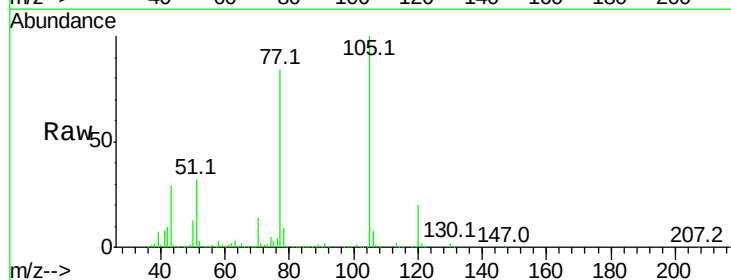
Ion Ratio Lower Upper

105 100

71 2.4 1.0 1.4#

51 32.0 25.6 38.4

120 20.2 15.8 23.6

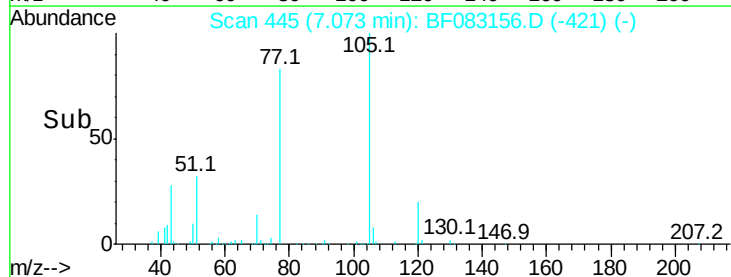
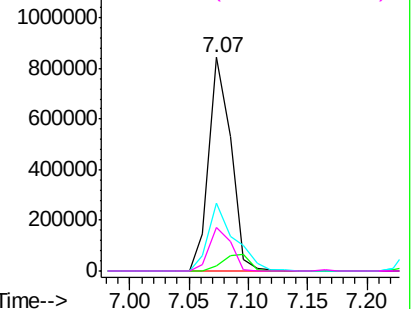


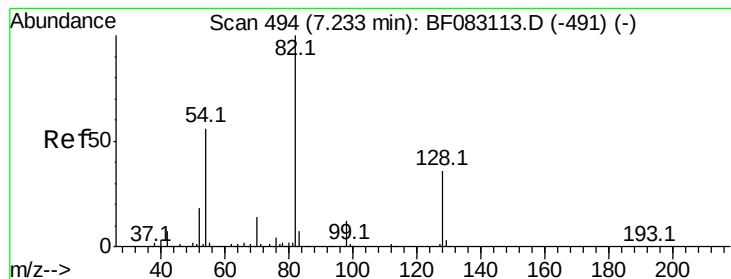
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 92.43 ng

RT: 7.23 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

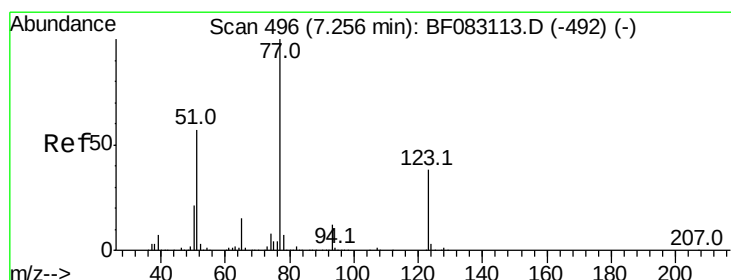
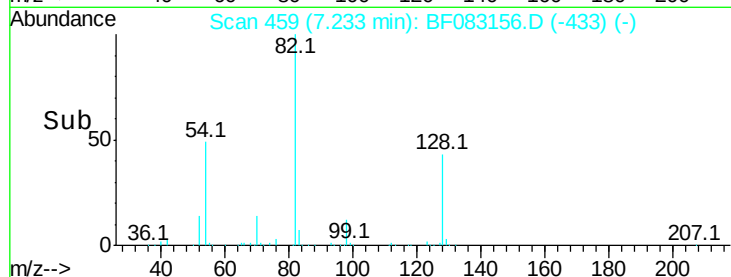
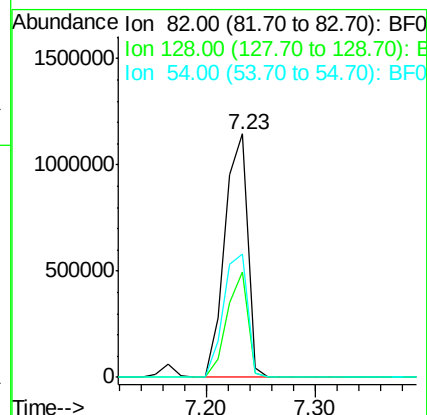
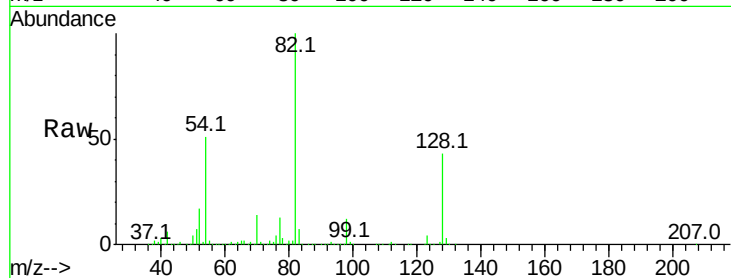
Tot Ion: 82 Resp: 1669315

Ion Ratio Lower Upper

82 100

128 43.3 28.5 42.7#

54 50.5 44.6 67.0



#24

Nitrobenzene

Concen: 42.49 ng

RT: 7.24 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

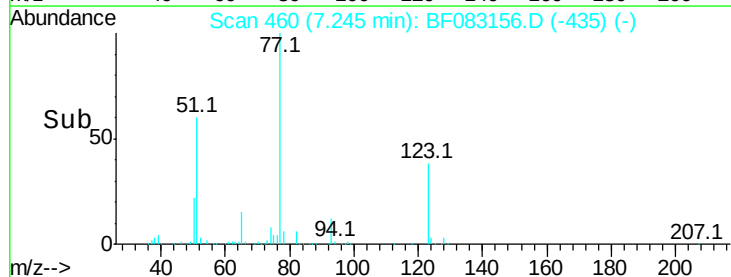
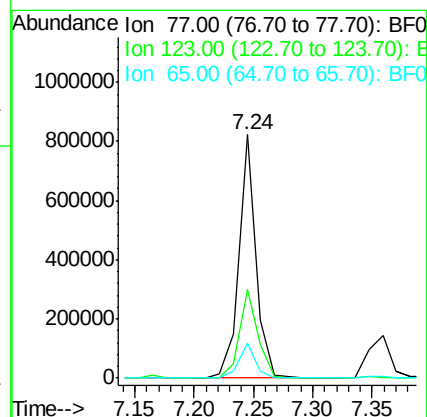
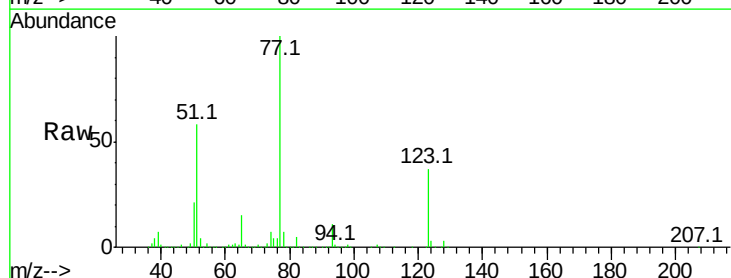
Tgt Ion: 77 Resp: 820049

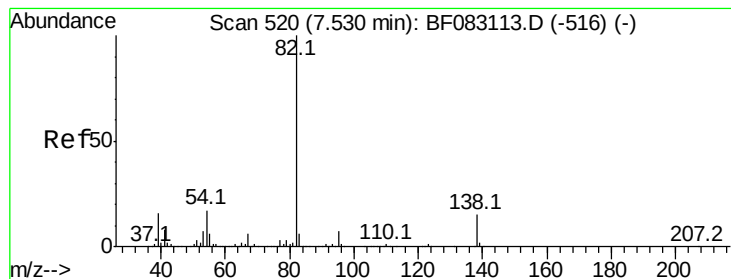
Ion Ratio Lower Upper

77 100

123 36.5 30.1 45.1

65 14.6 11.6 17.4





#25

Isophorone

Concen: 47.31 ng

RT: 7.50 min Scan# 482

Delta R.T. -0.03 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

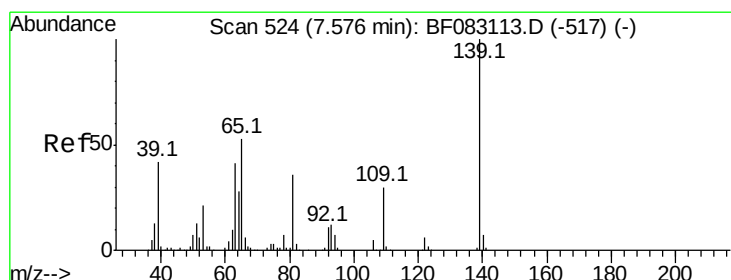
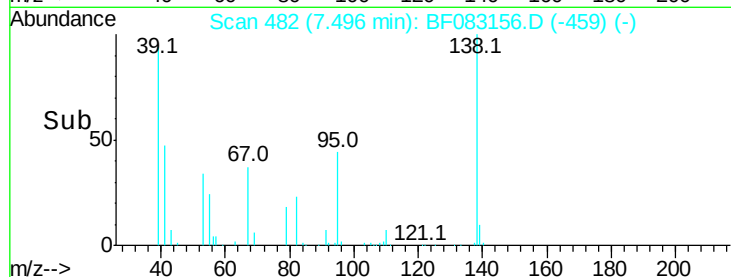
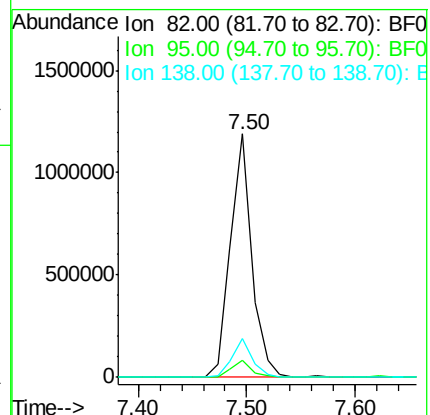
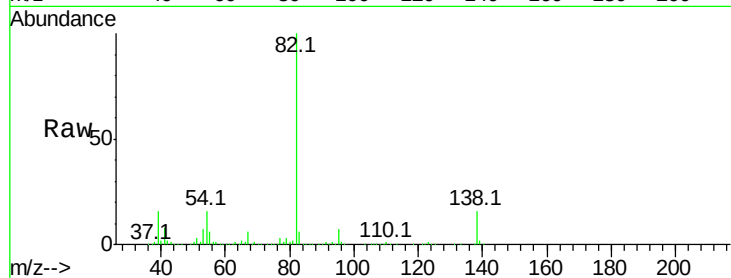
Tot Ion: 82 Resp: 1617931

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.8

138 15.7 11.6 17.4



#26

2-Nitrophenol

Concen: 46.48 ng

RT: 7.56 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

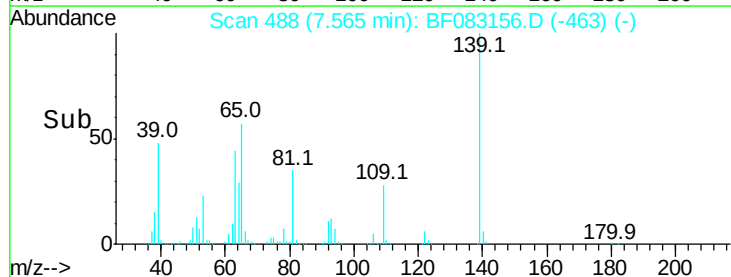
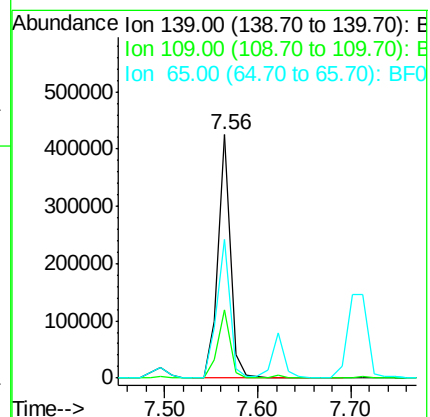
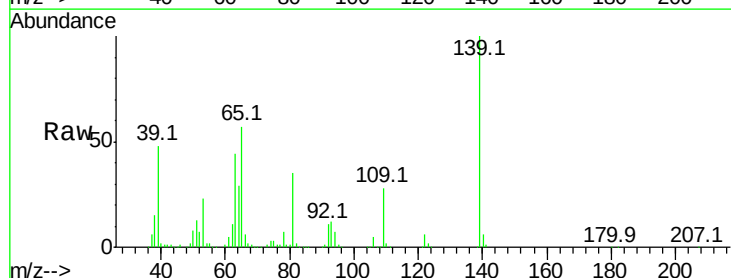
Tgt Ion: 139 Resp: 395957

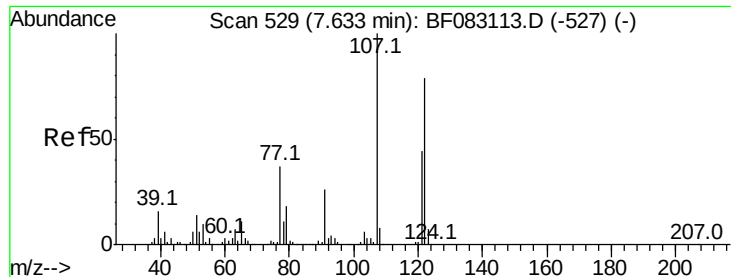
Ion Ratio Lower Upper

139 100

109 28.3 23.9 35.9

65 57.0 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 47.44 ng

RT: 7.62 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

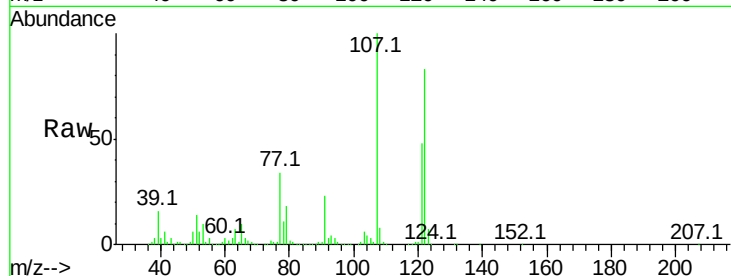
Tot Ion:122 Resp: 645004

Ion Ratio Lower Upper

122 100

107 120.1 101.1 151.7

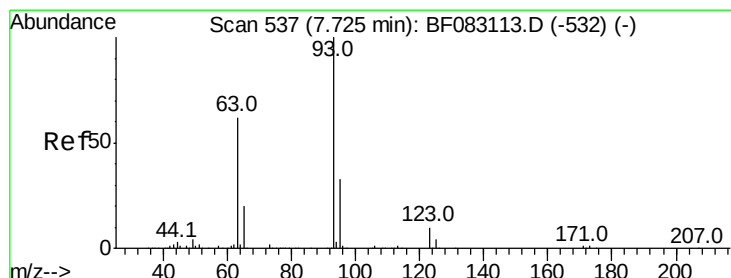
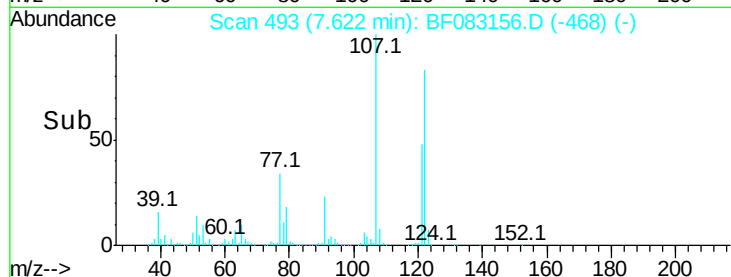
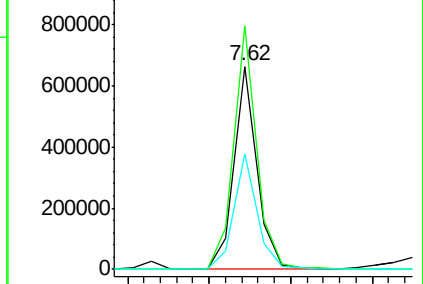
121 57.3 44.9 67.3



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: 49.12 ng

RT: 7.71 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

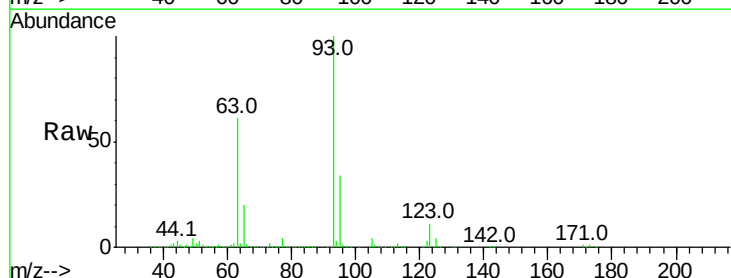
Tgt Ion: 93 Resp: 976628

Ion Ratio Lower Upper

93 100

95 33.7 26.5 39.7

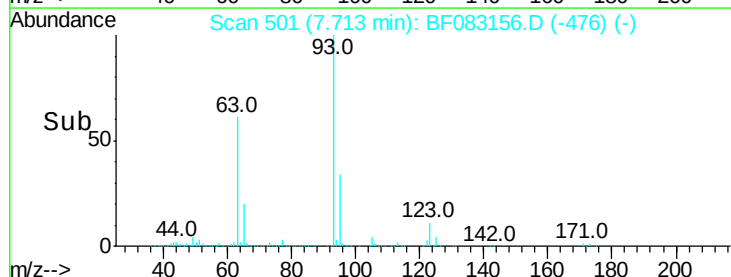
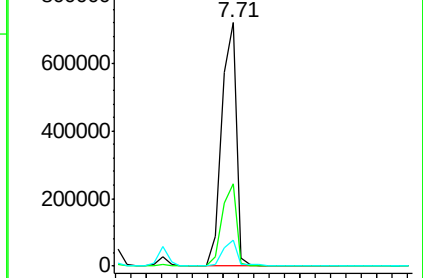
123 10.9 8.1 12.1

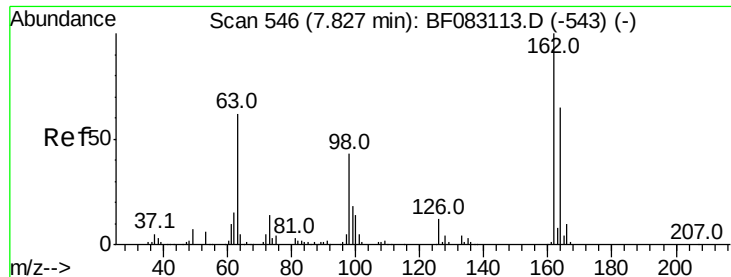


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.24 ng

RT: 7.82 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

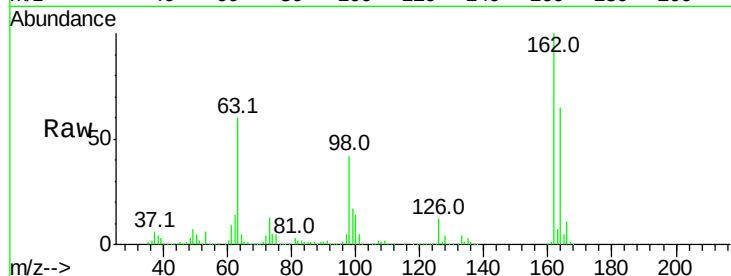
Tot Ion:162 Resp: 636782

Ion Ratio Lower Upper

162 100

164 65.3 44.8 84.8

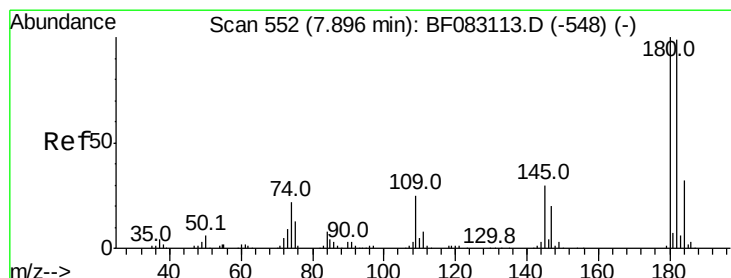
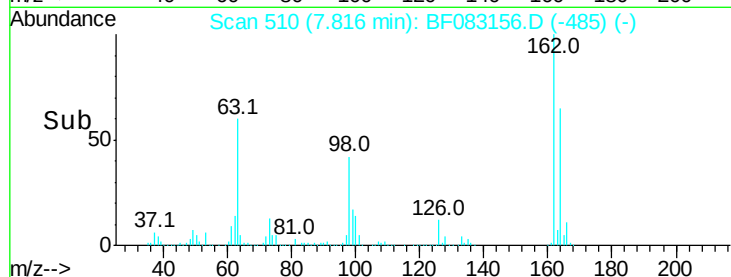
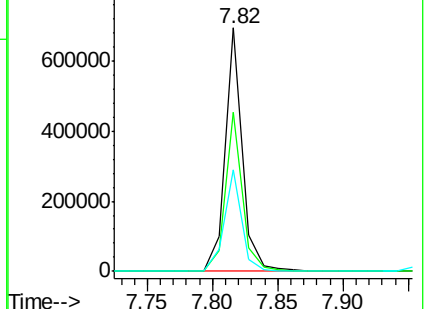
98 41.9 23.1 63.1



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: 42.68 ng

RT: 7.88 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

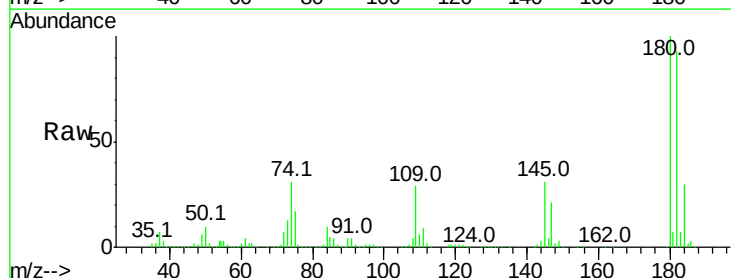
Tgt Ion:180 Resp: 606202

Ion Ratio Lower Upper

180 100

182 93.3 79.0 118.6

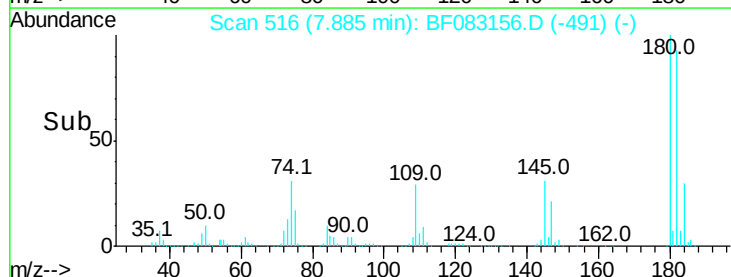
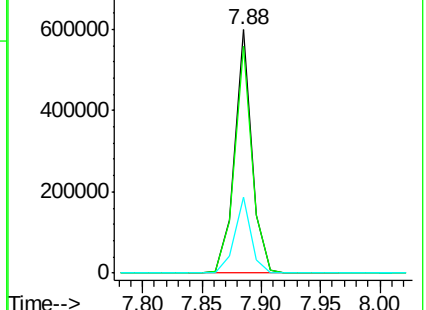
145 31.4 24.2 36.2

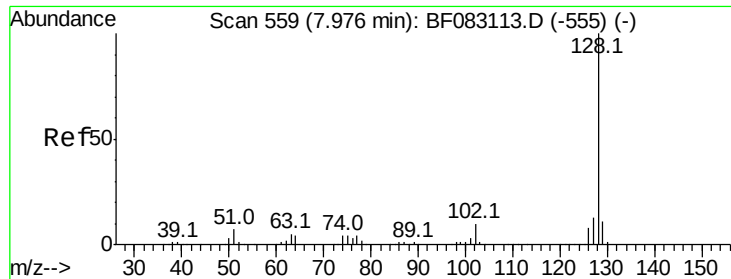


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

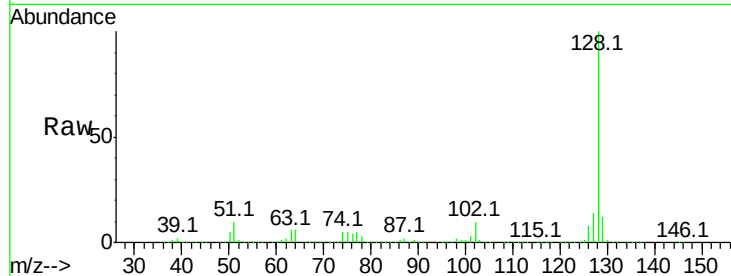




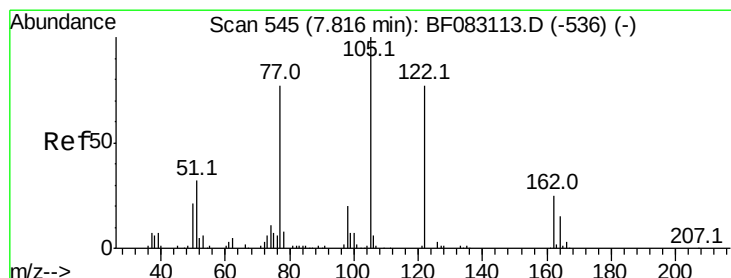
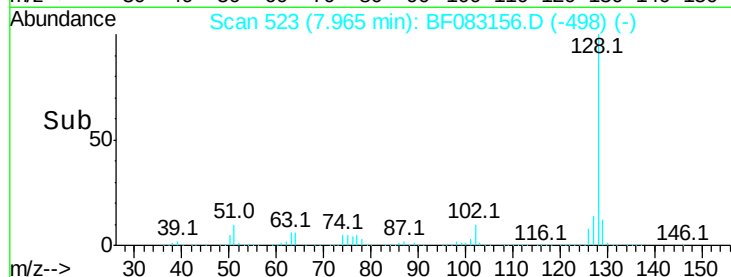
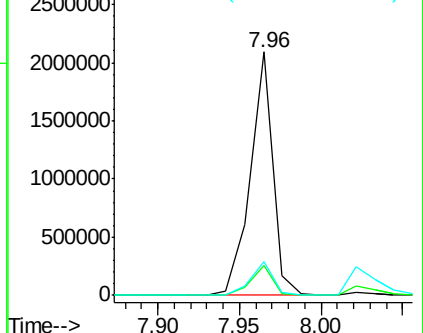
#31
Naphthalene
Concen: 45.21 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

Instrument :
BNA_F
ClientSampleId :
MW-02MSD

Tot Ion:128 Resp: 2013566
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.4
127 13.9 10.6 15.8

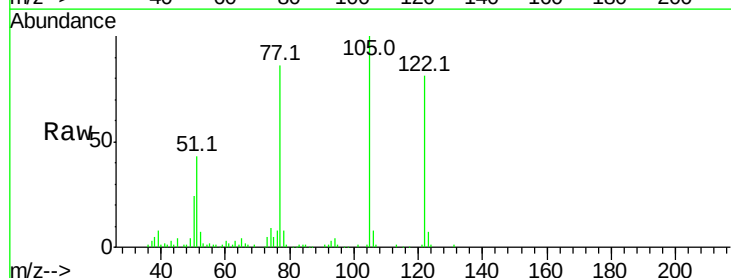


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

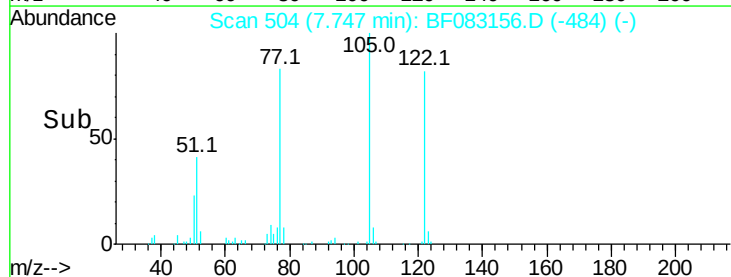
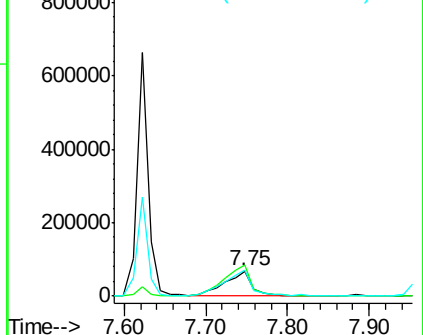


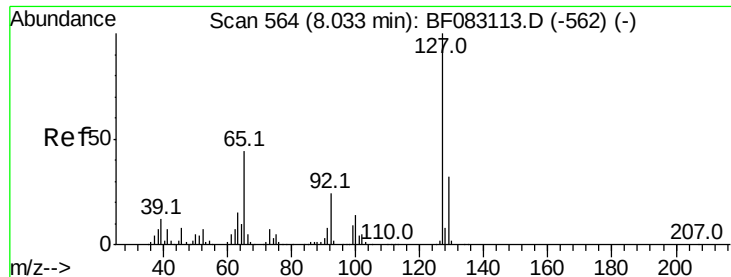
#32
Benzoic acid
Concen: 14.93 ng
RT: 7.75 min Scan# 504
Delta R.T. -0.07 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

Tgt Ion:122 Resp: 157818
Ion Ratio Lower Upper
122 100
105 123.1 109.7 149.7
77 105.7 79.7 119.7



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

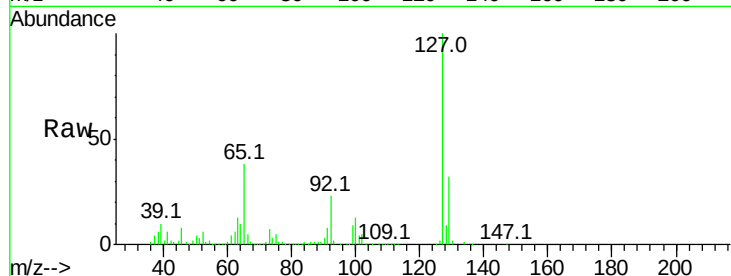




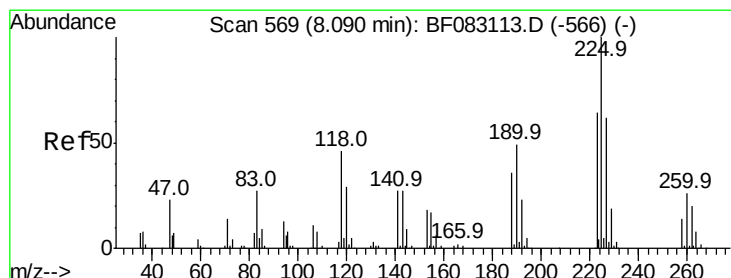
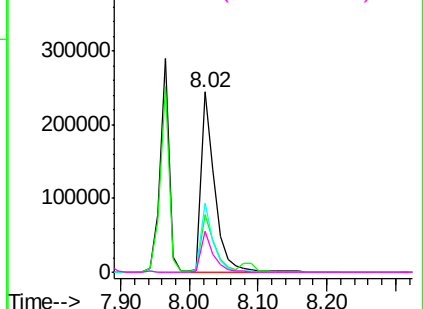
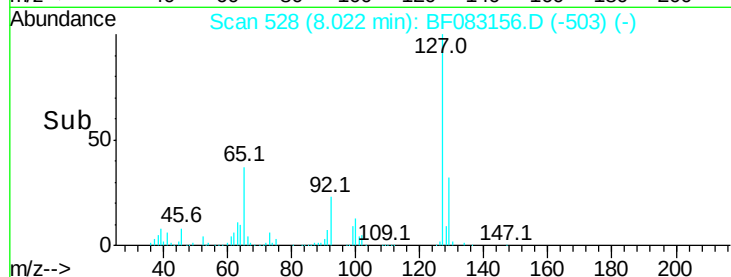
#33
4-Chloroaniline
Concen: 18.88 ng
RT: 8.02 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

Instrument :
BNA_F
ClientSampleId :
MW-02MSD

Tot Ion:	127	Resp:	326215
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.7	38.5
65	38.3	35.5	53.3
92	22.7	19.4	29.2

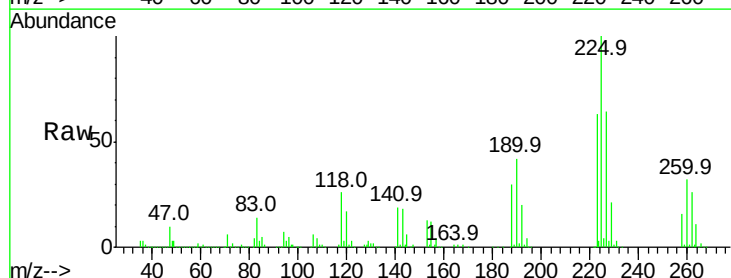


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

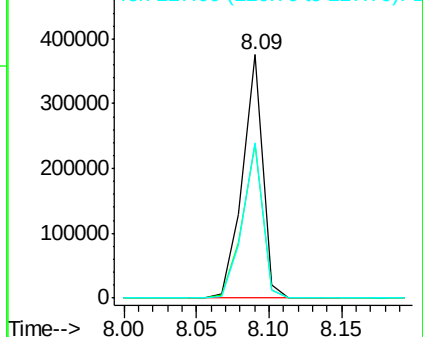
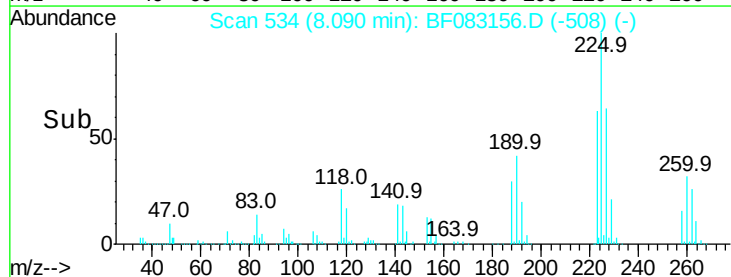


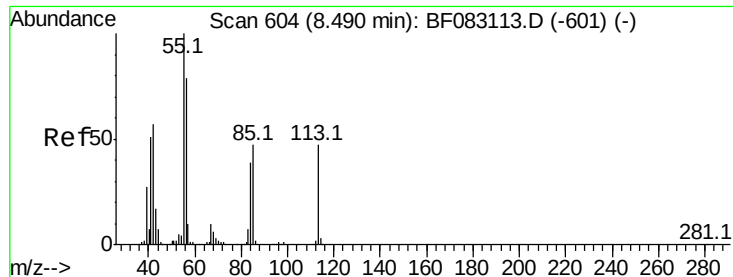
#34
Hexachlorobutadiene
Concen: 43.51 ng
RT: 8.09 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

Tgt Ion:	225	Resp:	365269
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.3	76.9
227	64.0	49.8	74.8



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: 7.48 ng

RT: 8.43 min Scan# 564

Delta R.T. -0.06 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

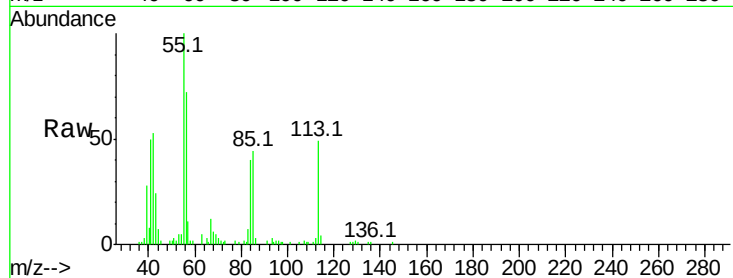
Tot Ion:113 Resp: 31008

Ion Ratio Lower Upper

113 100

55 204.6 192.6 232.6

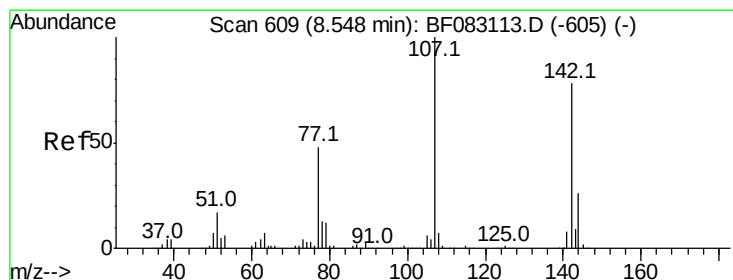
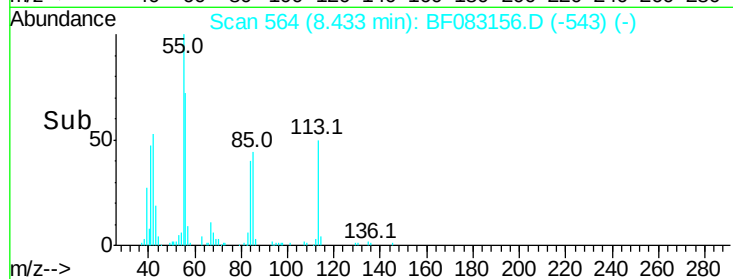
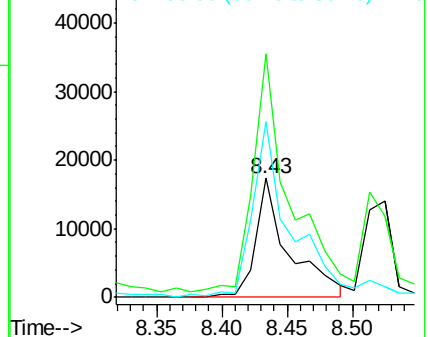
56 147.2 148.6 188.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.55 ng

RT: 8.52 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

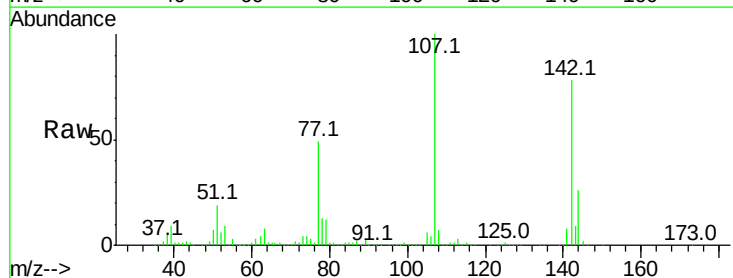
Tgt Ion:107 Resp: 682308

Ion Ratio Lower Upper

107 100

144 25.9 20.8 31.2

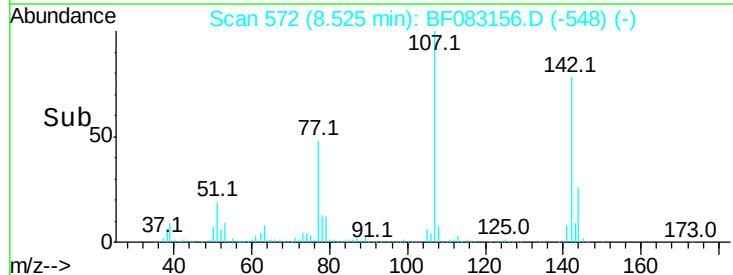
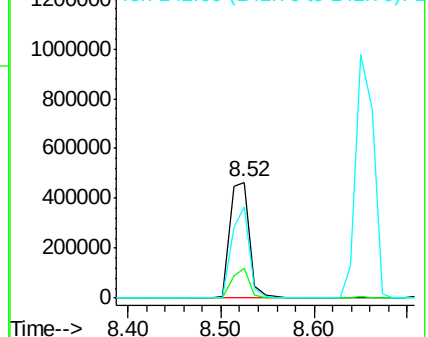
142 78.2 62.1 93.1

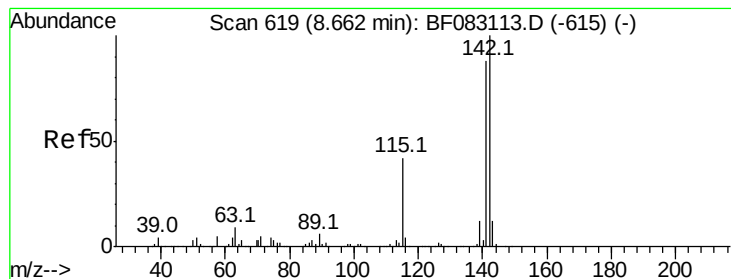


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.76 ng

RT: 8.65 min Scan# 583

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

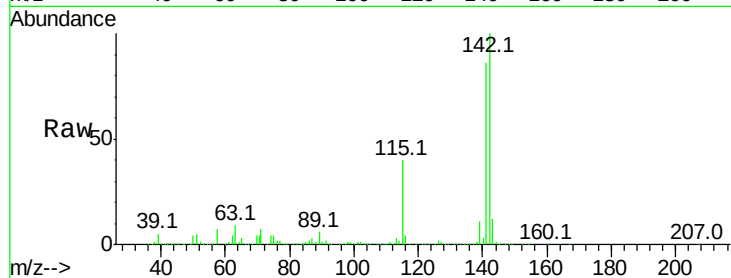
Tot Ion:142 Resp: 1293738

Ion Ratio Lower Upper

142 100

141 86.5 70.3 105.5

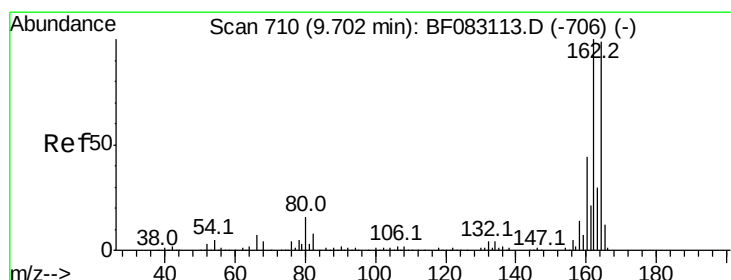
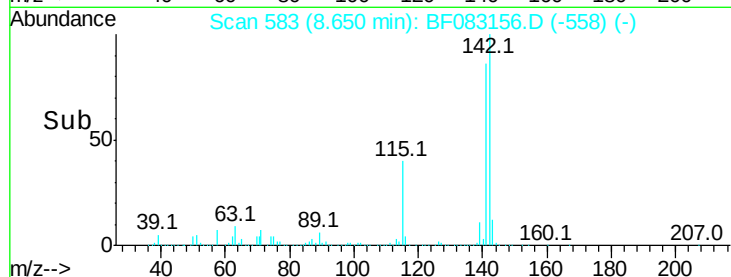
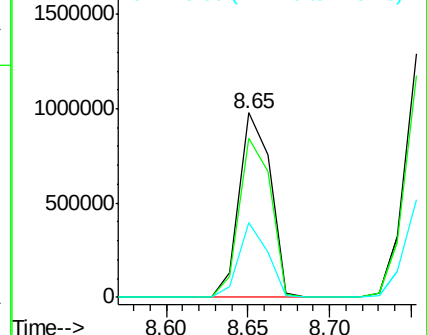
115 40.4 33.4 50.2



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: 9.69 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

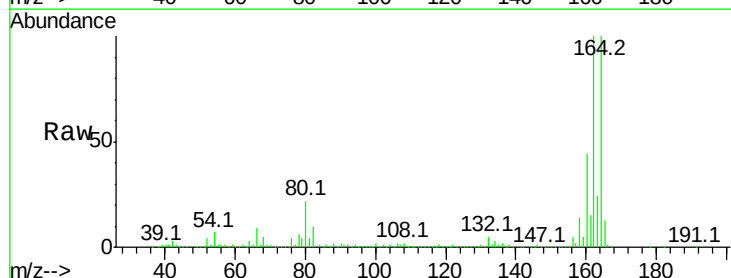
Tgt Ion:164 Resp: 431221

Ion Ratio Lower Upper

164 100

162 100.3 81.2 121.8

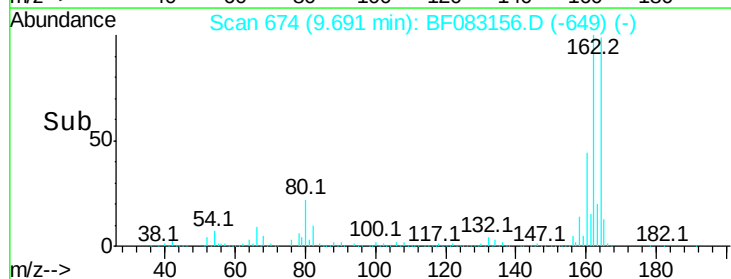
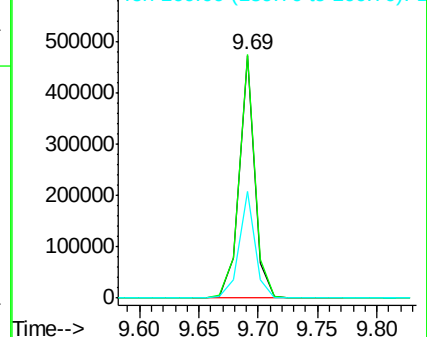
160 44.0 35.6 53.4

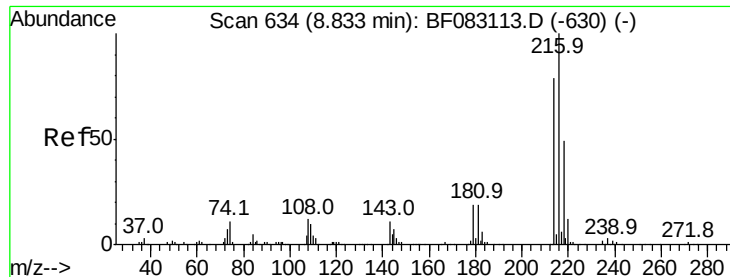


Abundance Ion 164.00 (163.70 to 164.70): E

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: 42.13 ng

RT: 8.82 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

Tot Ion:216 Resp: 588760

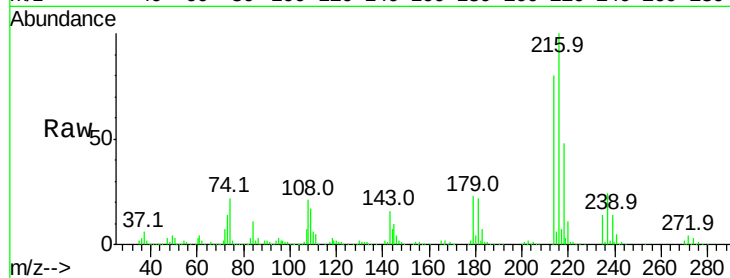
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.8

179 22.3 17.0 25.6

108 23.9 15.2 22.8#

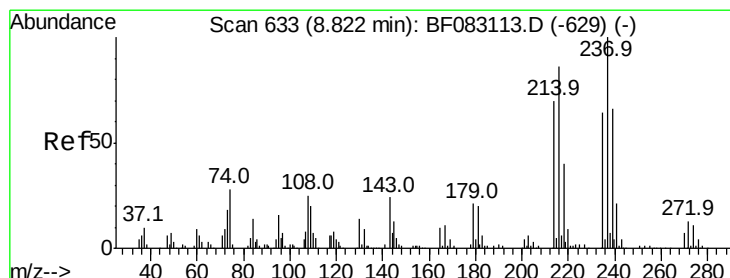
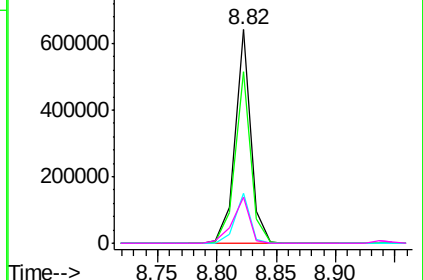
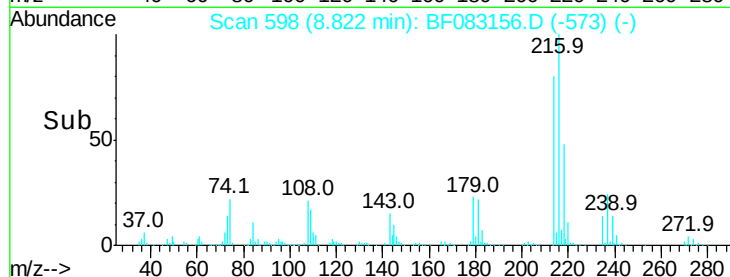


Abundance Ion 216.00 (215.70 to 216.70): E

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: 63.94 ng

RT: 8.81 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

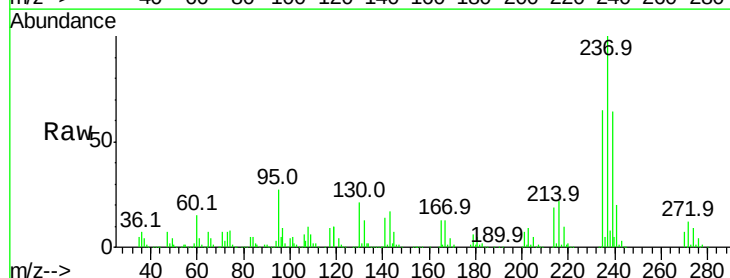
Tgt Ion:237 Resp: 508151

Ion Ratio Lower Upper

237 100

235 65.1 43.5 83.5

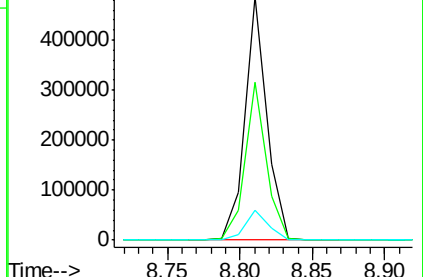
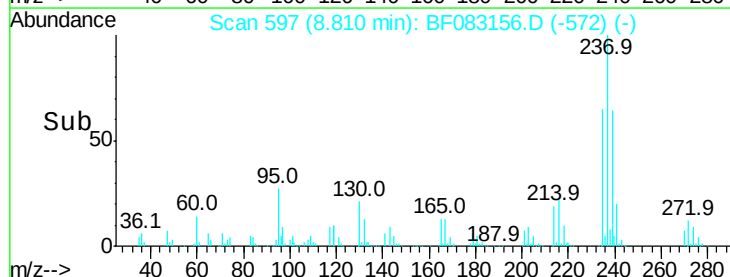
272 12.0 0.0 33.1

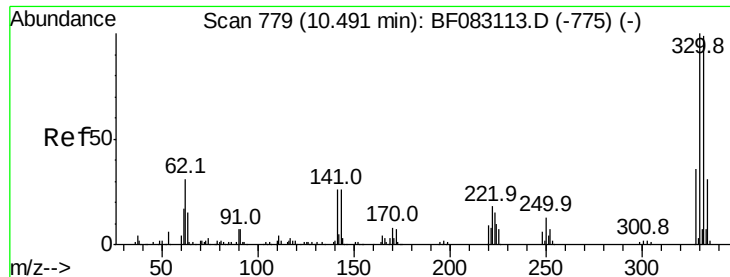


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 120.25 ng

RT: 10.48 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

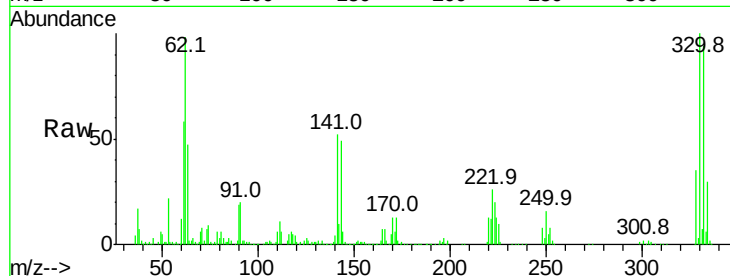
Tot Ion:330 Resp: 530479

Ion Ratio Lower Upper

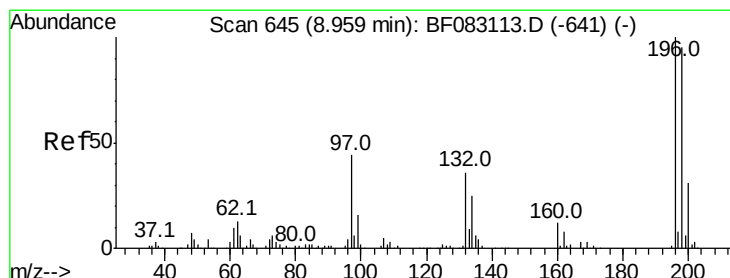
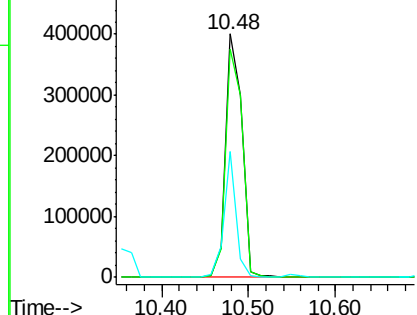
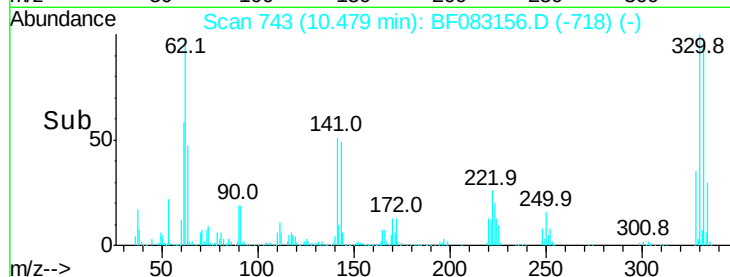
330 100

332 96.5 77.7 116.5

141 38.2 29.7 44.5



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: 43.30 ng

RT: 8.95 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

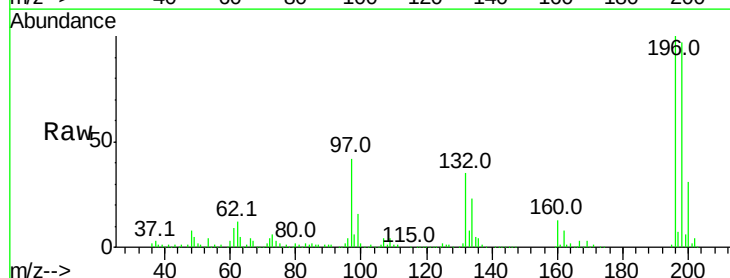
Tgt Ion:196 Resp: 433404

Ion Ratio Lower Upper

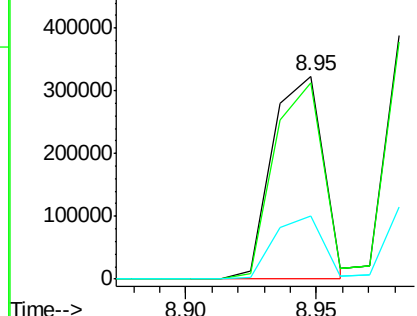
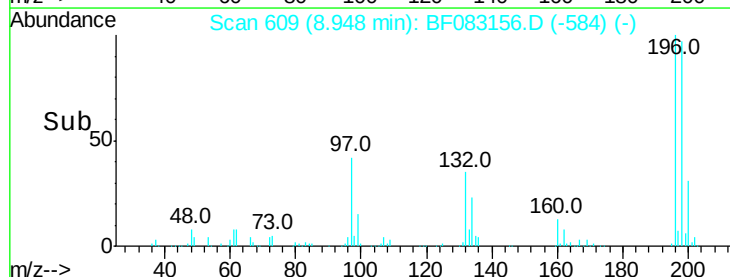
196 100

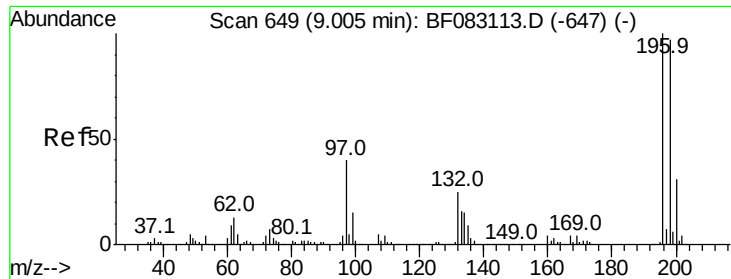
198 96.7 75.9 113.9

200 31.1 24.5 36.7



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

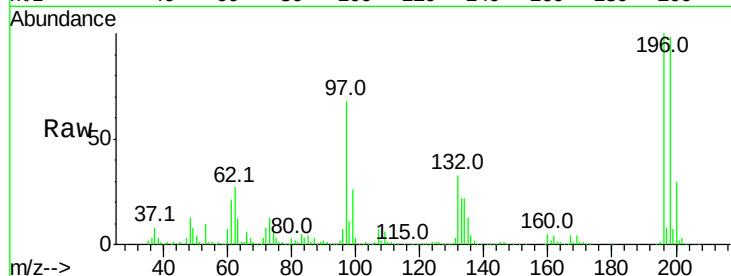




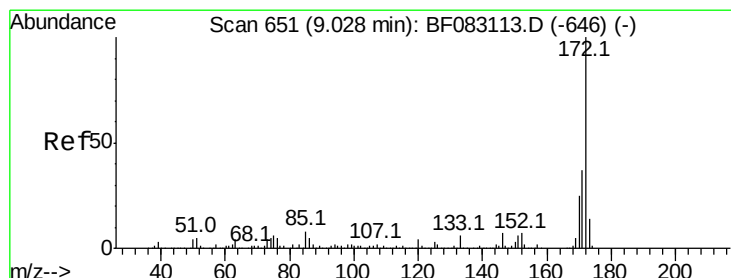
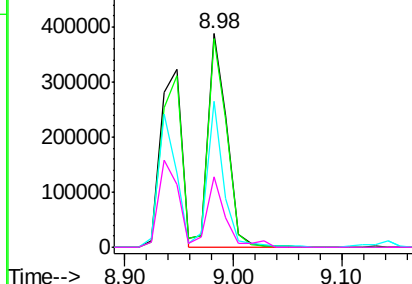
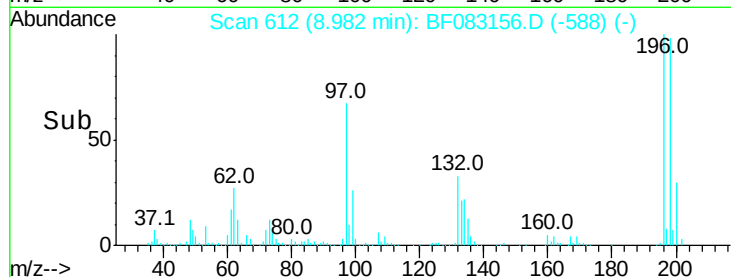
#43
 2,4,5-Trichlorophenol
 Concen: 45.84 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: BF083156.D
 Acq: 22 Nov 2015 13:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-02MSD

Tot Ion:196 Resp: 469114
 Ion Ratio Lower Upper
 196 100
 198 97.6 77.6 116.4
 97 68.3 32.6 48.8#
 132 33.2 19.8 29.8#

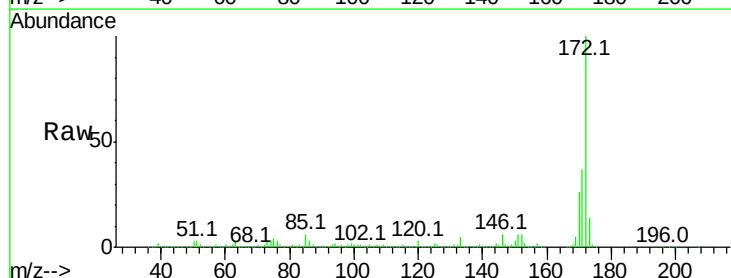


Abundance Ion 196.00 (195.70 to 196.70): E
 600000 Ion 198.00 (197.70 to 198.70): E
 500000 Ion 97.00 (96.70 to 97.70): BF0
 400000 Ion 132.00 (131.70 to 132.70): E
 300000
 200000
 100000
 0

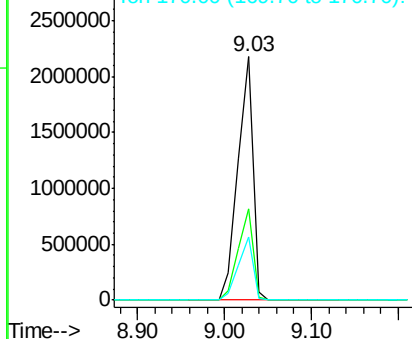
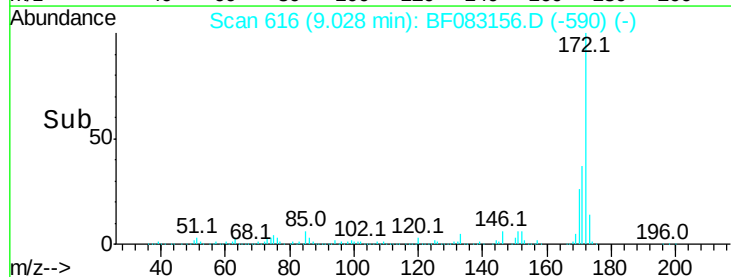


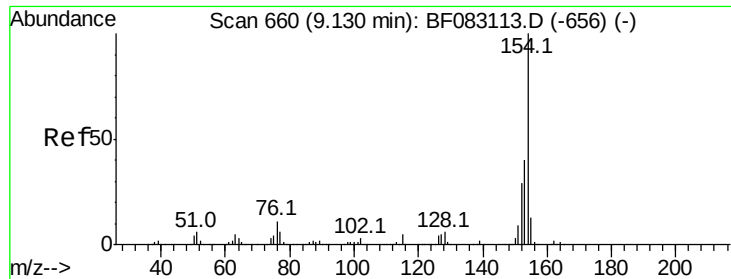
#44
 2-Fluorobiphenyl
 Concen: 83.78 ng
 RT: 9.03 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF083156.D
 Acq: 22 Nov 2015 13:50

Tgt Ion:172 Resp: 2590722
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.5 44.3
 170 25.8 19.9 29.9



Abundance Ion 172.00 (171.70 to 172.70): E
 3000000 Ion 171.00 (170.70 to 171.70): E
 2500000 Ion 170.00 (169.70 to 170.70): E
 2000000
 1500000
 1000000
 500000
 0





#45

1,1'-Biphenyl

Concen: 40.50 ng

RT: 9.12 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

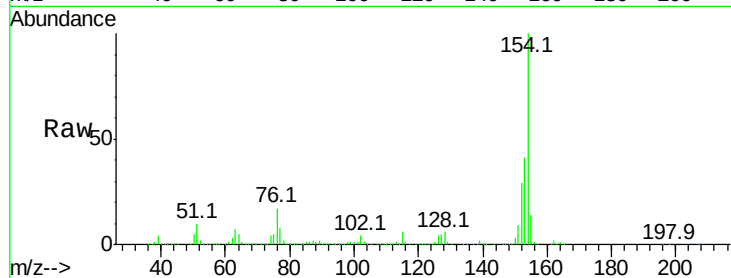
Tot Ion:154 Resp: 1486273

Ion Ratio Lower Upper

154 100

153 41.0 20.5 60.5

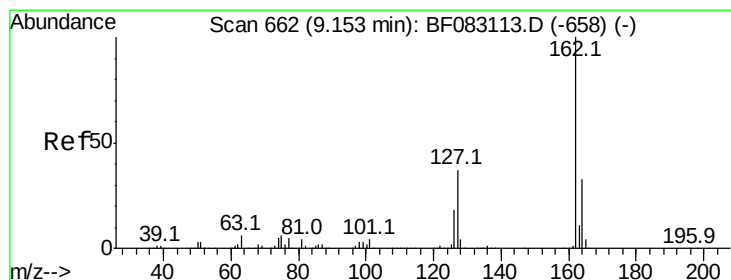
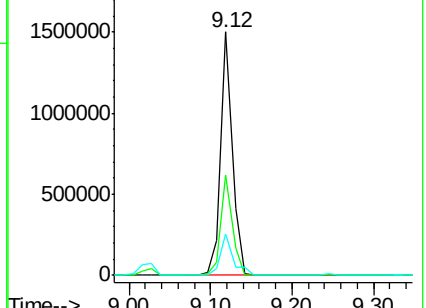
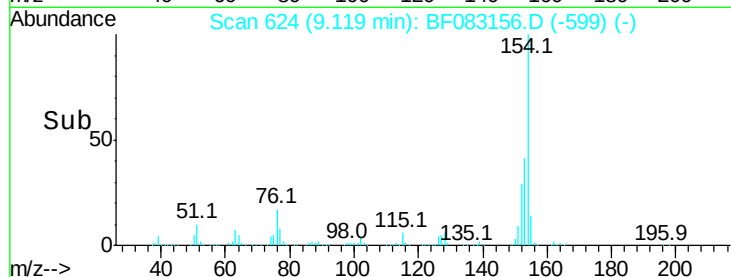
76 16.8 0.0 31.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.21 ng

RT: 9.14 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

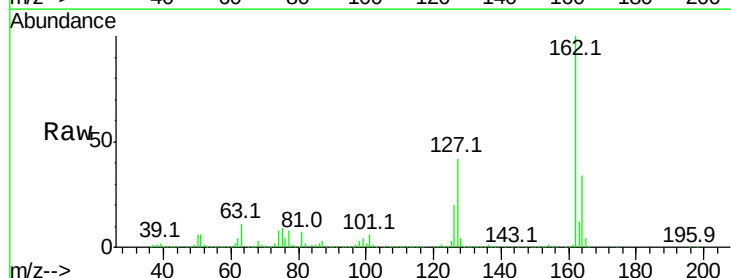
Tgt Ion:162 Resp: 1274554

Ion Ratio Lower Upper

162 100

127 42.5 29.4 44.2

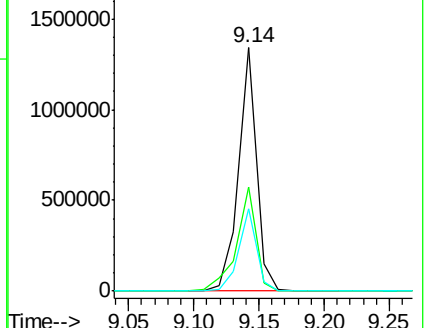
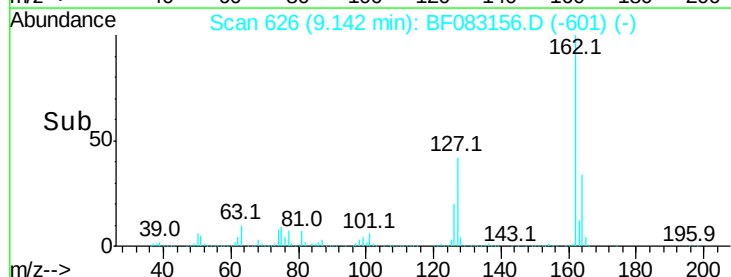
164 33.8 26.2 39.4

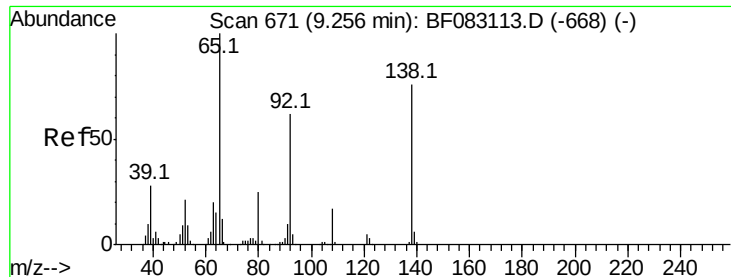


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.21 ng

RT: 9.24 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampled :

MW-02MSD

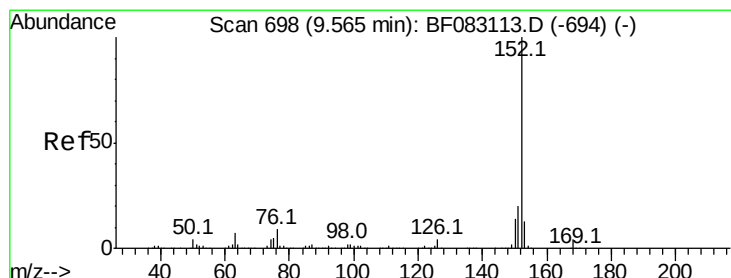
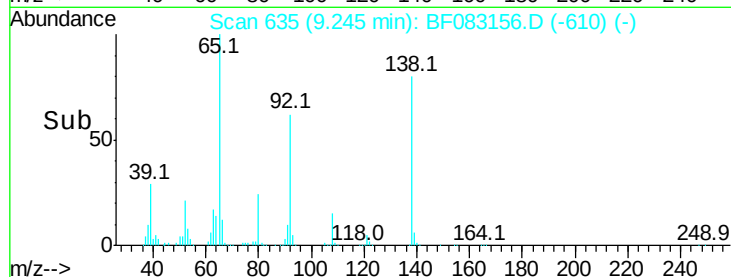
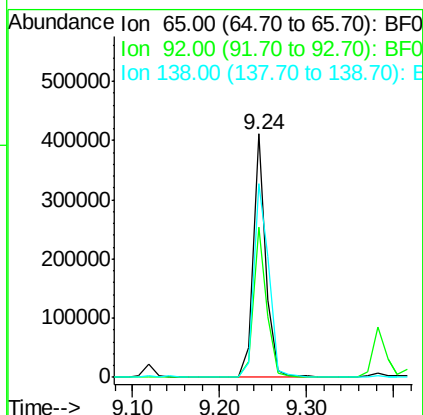
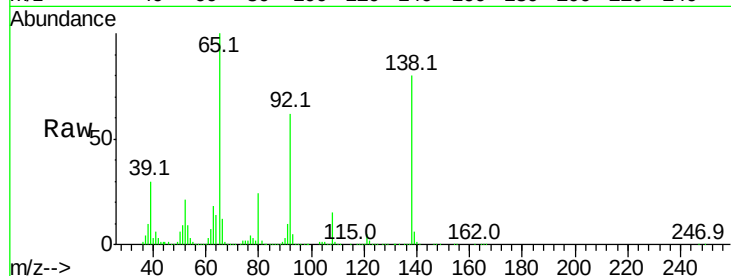
Tot Ion: 65 Resp: 420255

Ion Ratio Lower Upper

65 100

92 61.7 49.5 74.3

138 79.8 60.7 91.1



#48

Acenaphthylene

Concen: 41.91 ng

RT: 9.55 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

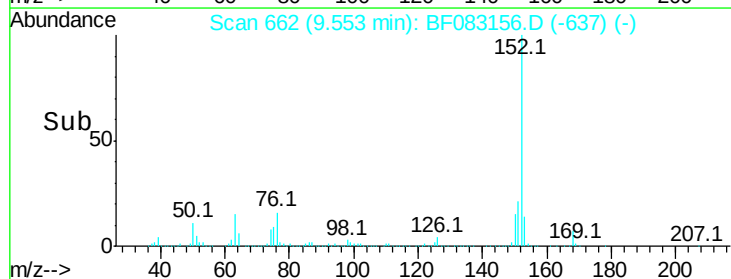
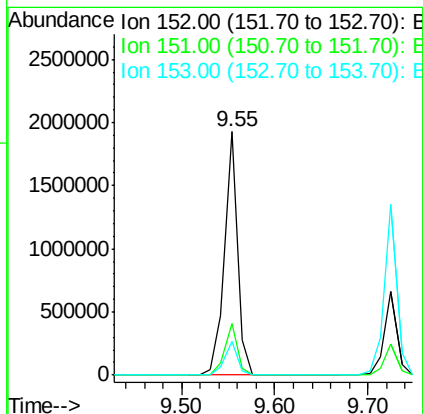
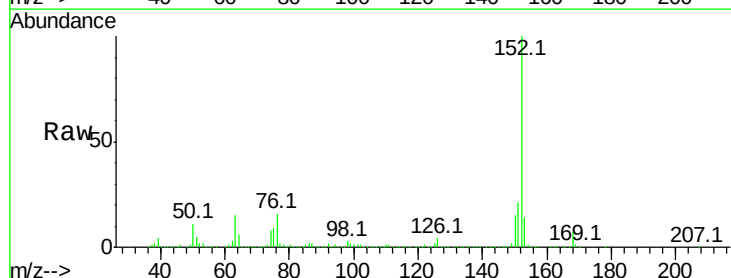
Tgt Ion:152 Resp: 1872287

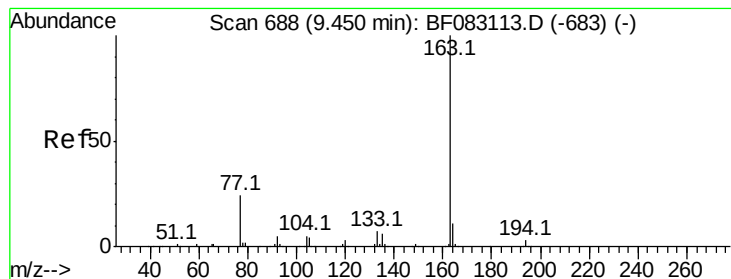
Ion Ratio Lower Upper

152 100

151 21.4 16.3 24.5

153 14.1 10.8 16.2





#49

Dimethylphthalate

Concen: 50.70 ng

RT: 9.44 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

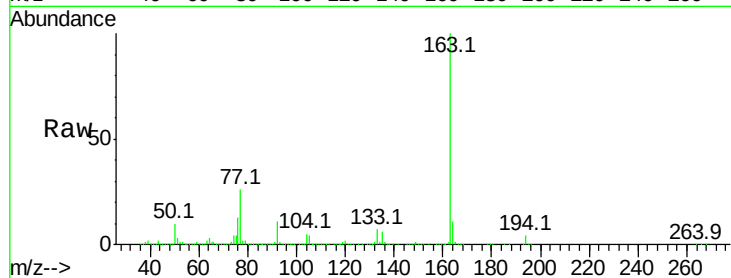
Tot Ion:163 Resp: 1683342

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

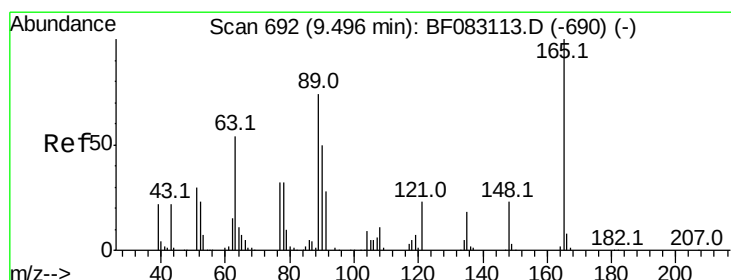
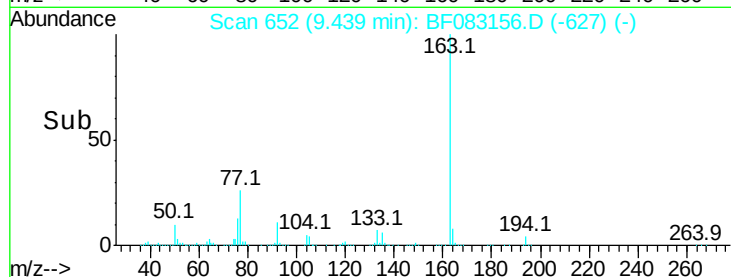
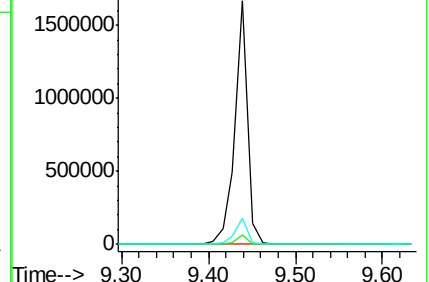
164 10.6 8.6 12.8



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: 47.28 ng

RT: 9.50 min Scan# 657

Delta R.T. 0.00 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

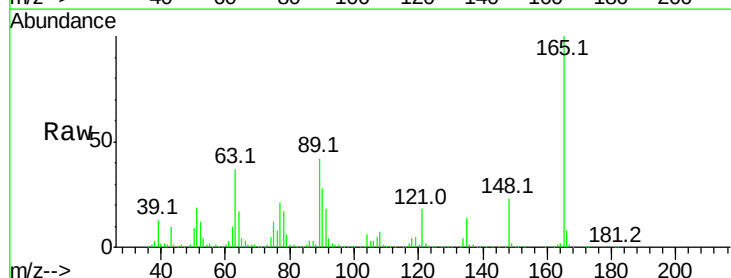
Tgt Ion:165 Resp: 352211

Ion Ratio Lower Upper

165 100

63 36.6 62.5 93.7#

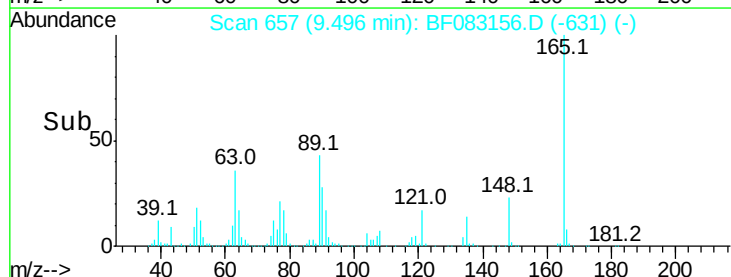
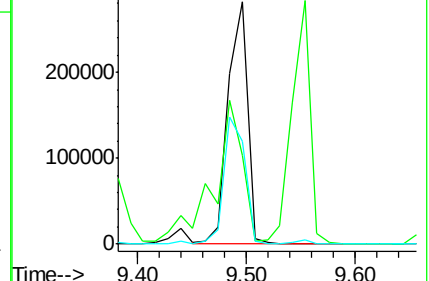
89 42.4 59.1 88.7#

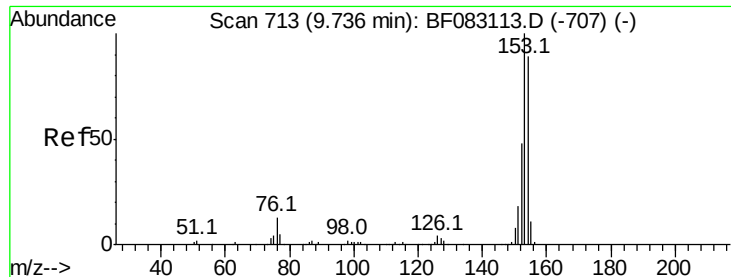


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.12 ng

RT: 9.72 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

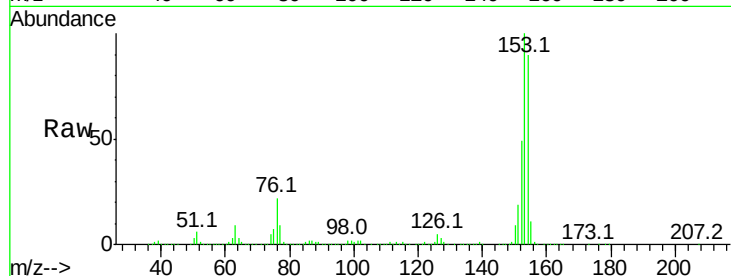
Tot Ion:154 Resp: 1145190

Ion Ratio Lower Upper

154 100

153 111.7 89.6 134.4

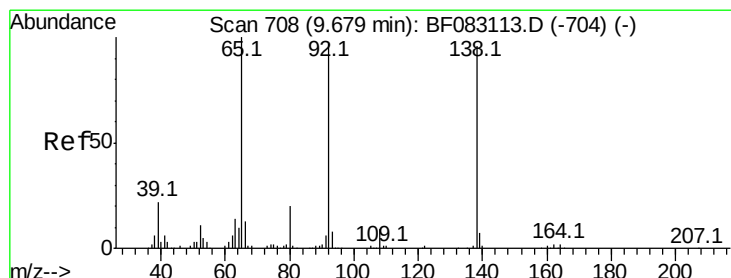
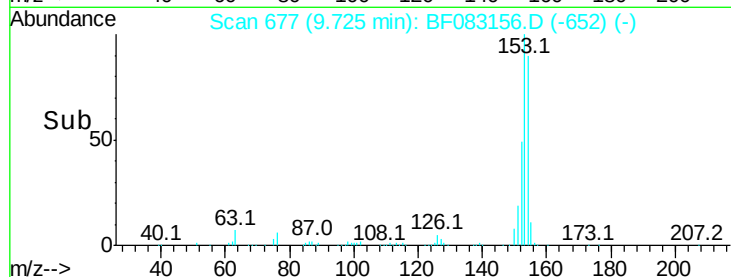
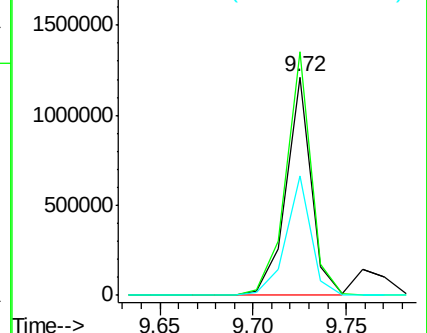
152 54.5 43.3 64.9



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: 7.27 ng

RT: 9.66 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

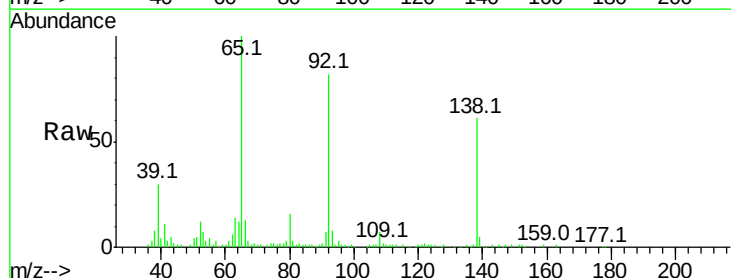
Tgt Ion:138 Resp: 57757

Ion Ratio Lower Upper

138 100

108 11.0 7.8 11.6

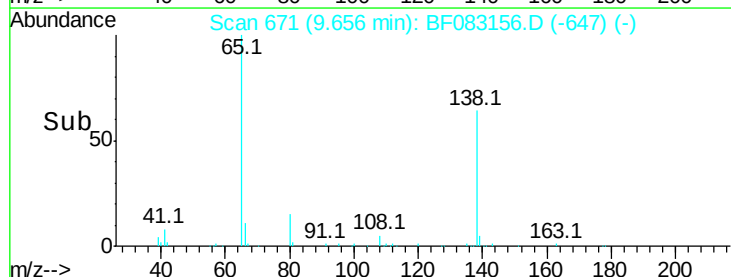
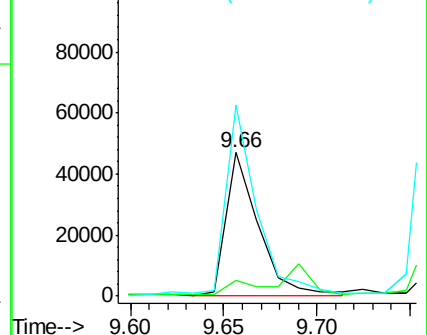
92 133.8 81.1 121.7#

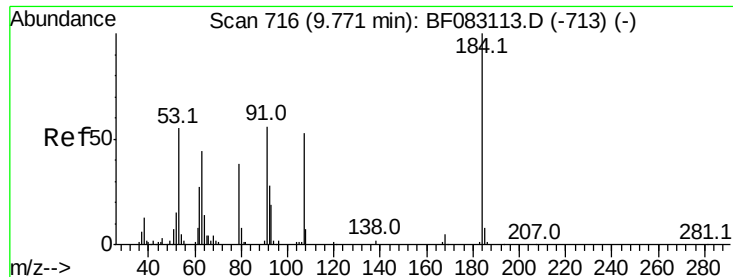


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

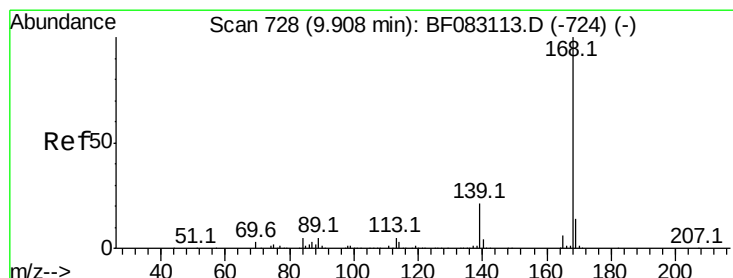
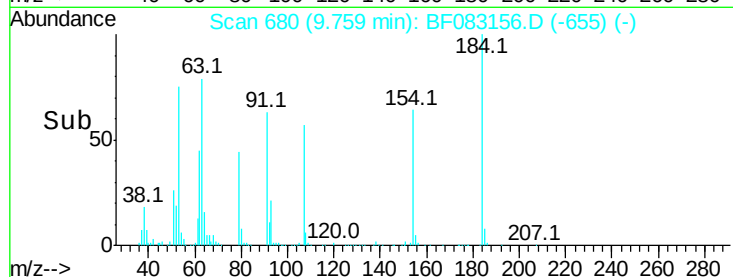
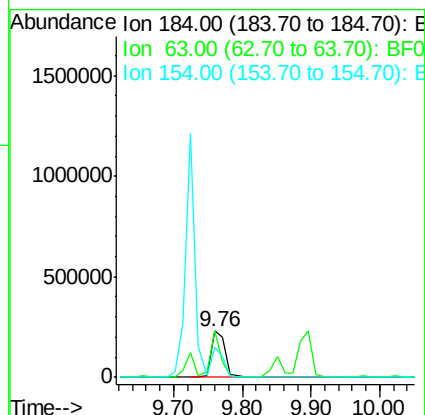
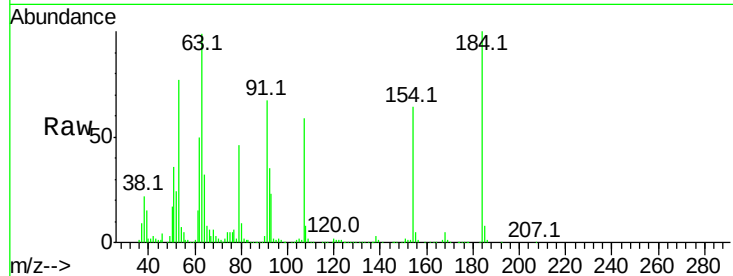




#53
2,4-Dinitrophenol
Concen: 76.64 ng
RT: 9.76 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

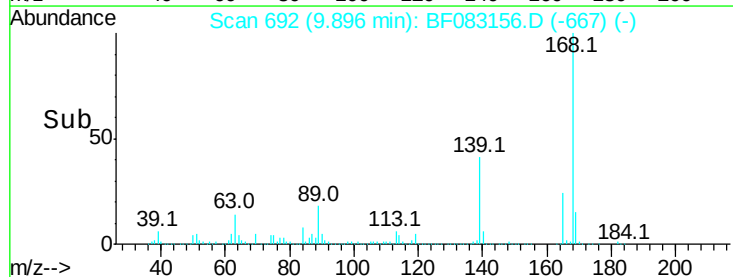
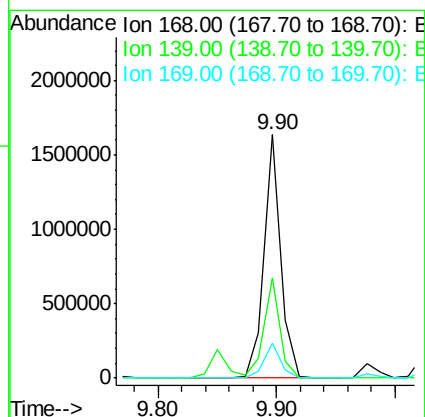
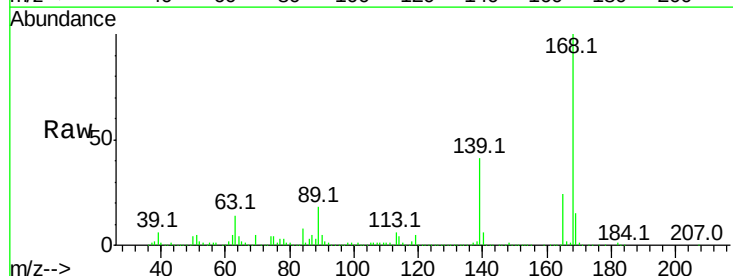
Instrument :
BNA_F
ClientSampleId :
MW-02MSD

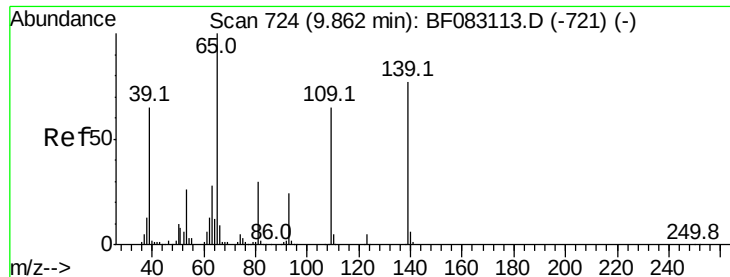
Tot Ion:184 Resp: 328901
Ion Ratio Lower Upper
184 100
63 99.2 60.5 90.7#
154 63.8 54.3 81.5



#54
Dibenzofuran
Concen: 41.93 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

Tgt Ion:168 Resp: 1612102
Ion Ratio Lower Upper
168 100
139 41.3 30.2 45.2
169 14.6 10.9 16.3

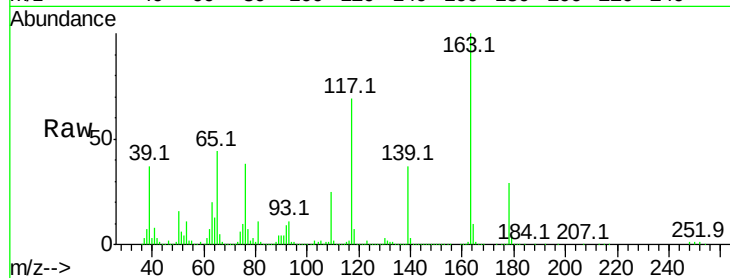




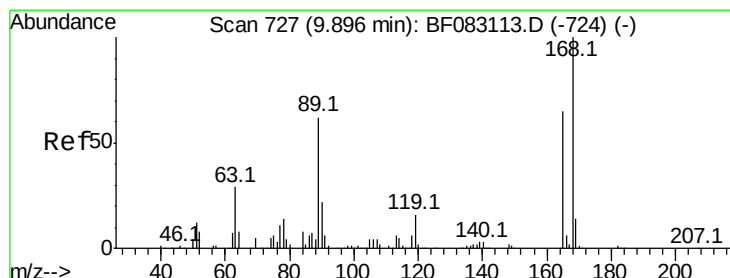
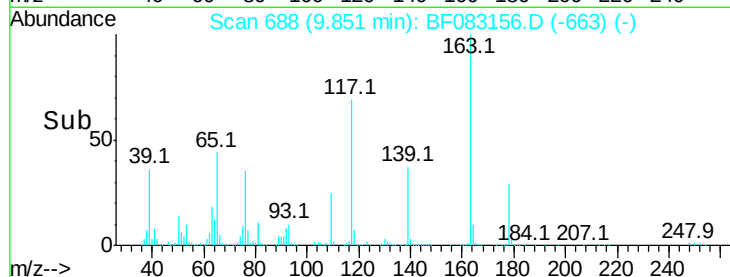
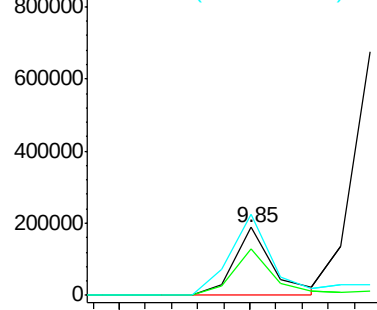
#55
4-Nitrophenol
Concen: 31.94 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

Instrument :
BNA_F
ClientSampleId :
MW-02MSD

Tot Ion:139 Resp: 194526
Ion Ratio Lower Upper
139 100
109 69.3 64.0 104.0
65 119.2 109.5 149.5

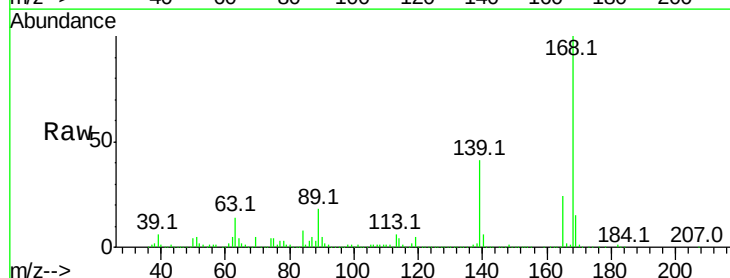


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

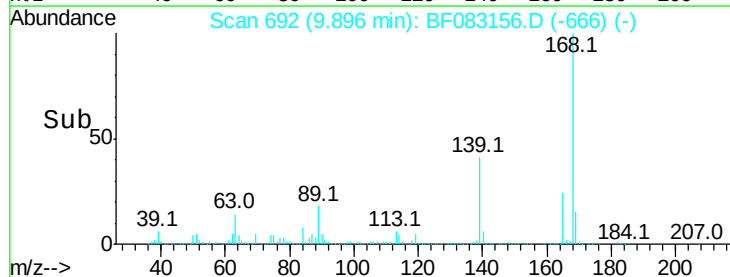
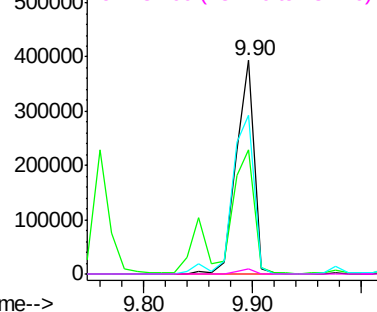


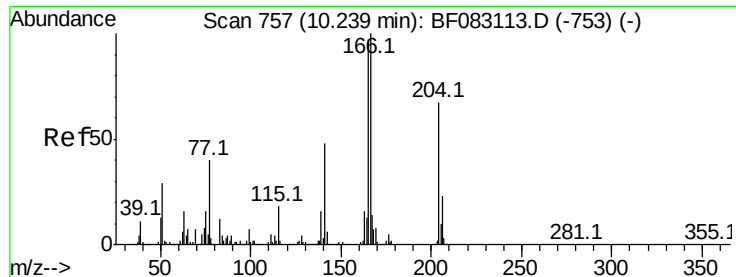
#56
2,4-Dinitrotoluene
Concen: 48.33 ng
RT: 9.90 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

Tgt Ion:165 Resp: 456193
Ion Ratio Lower Upper
165 100
63 58.0 54.5 81.7
89 74.4 77.3 115.9#
182 2.2 1.8 2.6



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

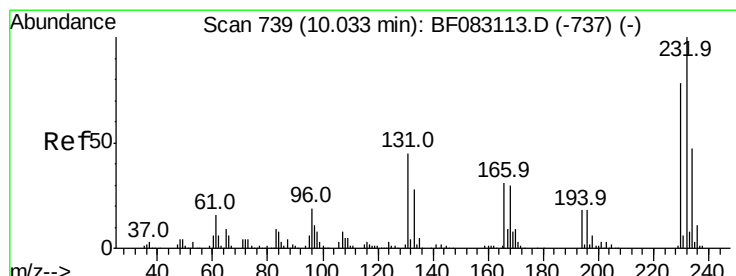
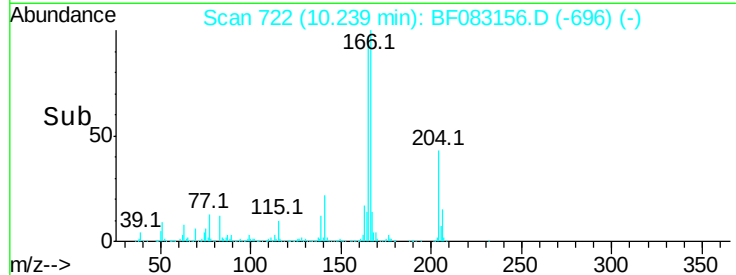
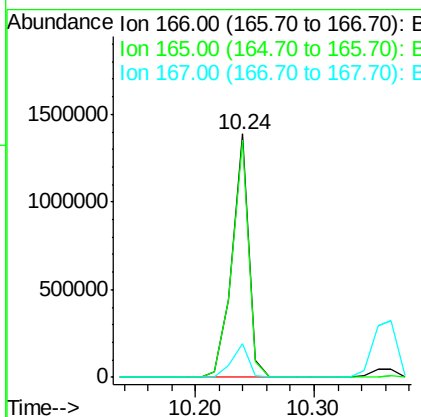
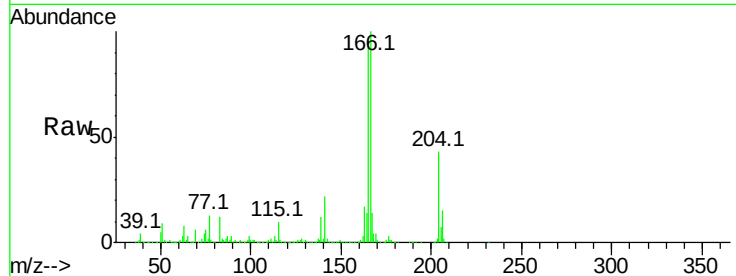




#57
Fluorene
 Concen: 42.51 ng
 RT: 10.24 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BF083156.D
 Acq: 22 Nov 2015 13:50

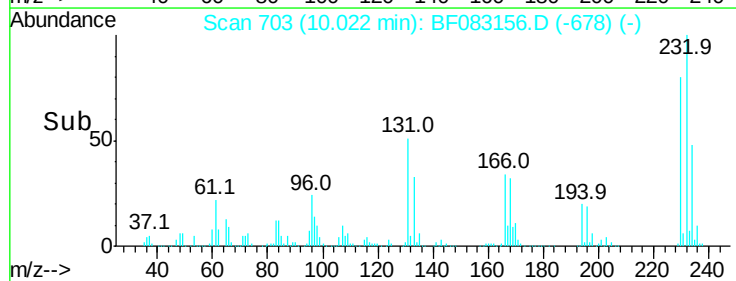
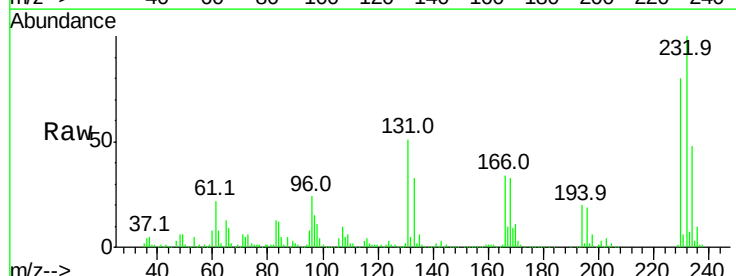
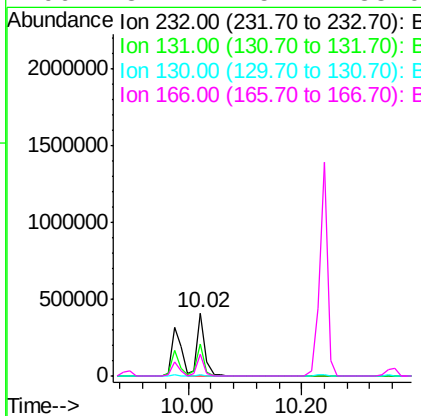
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.0	117.0
167	13.9	11.3	16.9

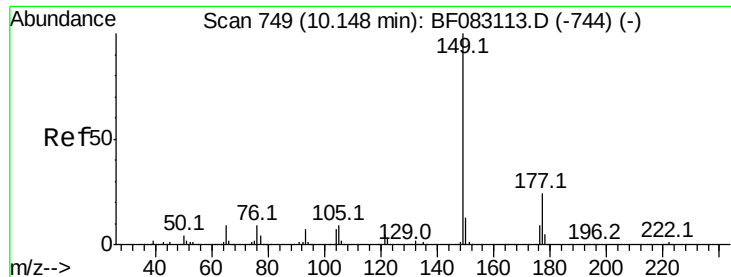
Instrument :
 BNA_F
 ClientSampleId :
 MW-02MSD



#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.19 ng
 RT: 10.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF083156.D
 Acq: 22 Nov 2015 13:50

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.5	38.6	57.8
130	2.5	1.9	2.9
166	31.4	25.4	38.0

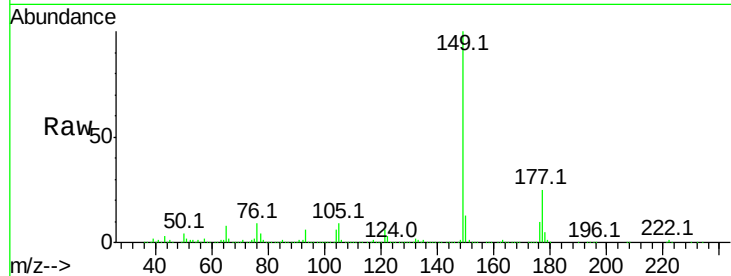




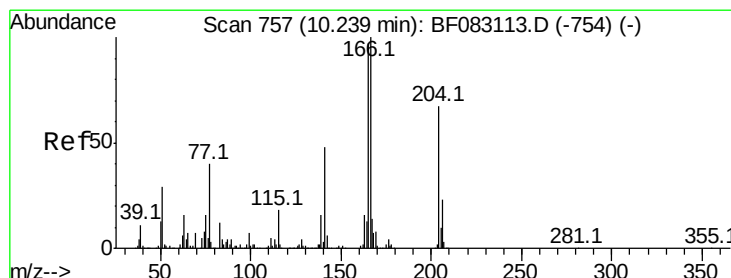
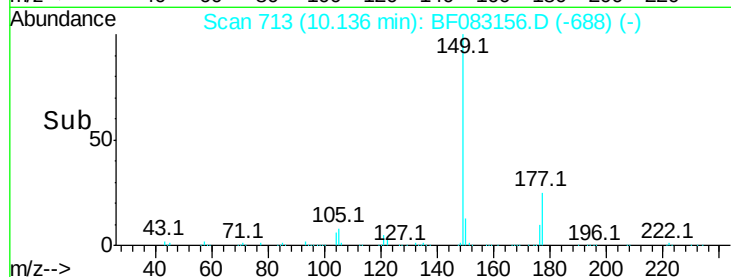
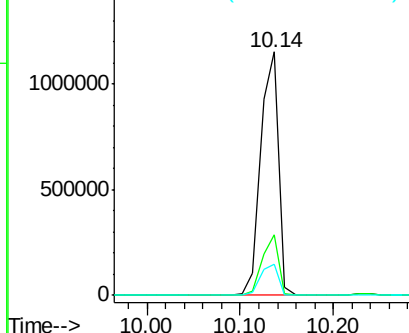
#59
Diethylphthalate
Concen: 46.58 ng
RT: 10.14 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

Instrument :
BNA_F
ClientSampleId :
MW-02MSD

Tot Ion:149 Resp: 1539345
Ion Ratio Lower Upper
149 100
177 24.7 19.4 29.2
150 12.8 10.2 15.2

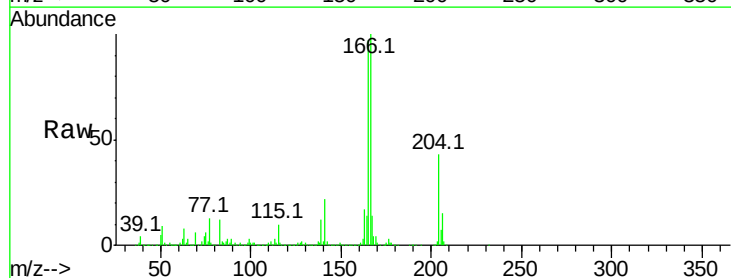


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

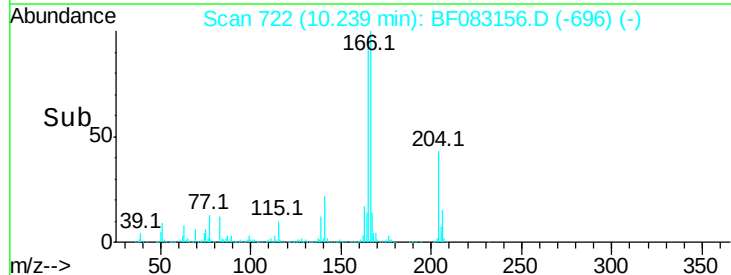
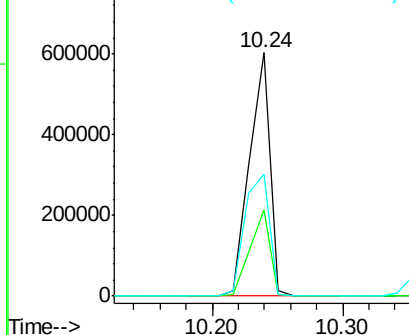


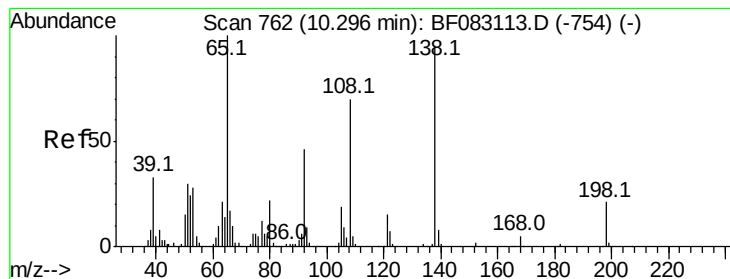
#60
4-Chlorophenyl-phenylether
Concen: 45.06 ng
RT: 10.24 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

Tgt Ion:204 Resp: 655775
Ion Ratio Lower Upper
204 100
206 35.5 27.4 41.0
141 50.0 57.4 86.2#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 30.84 ng

RT: 10.27 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

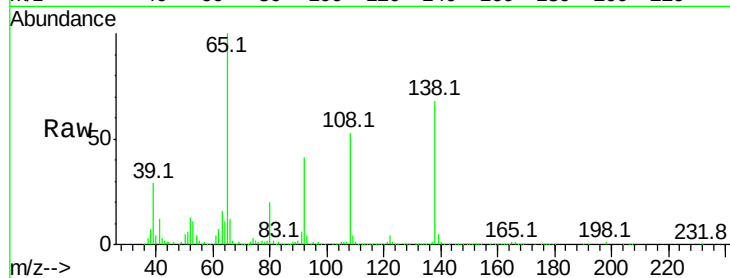
Tot Ion:138 Resp: 241161

Ion Ratio Lower Upper

138 100

92 60.3 28.4 68.4

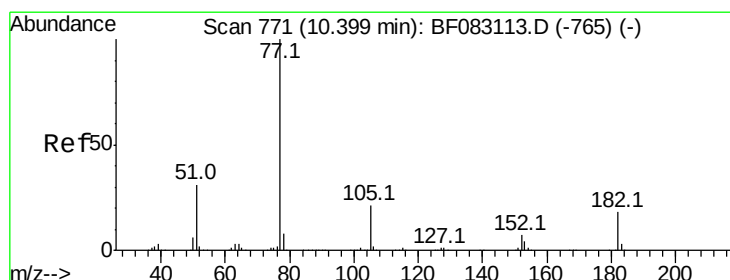
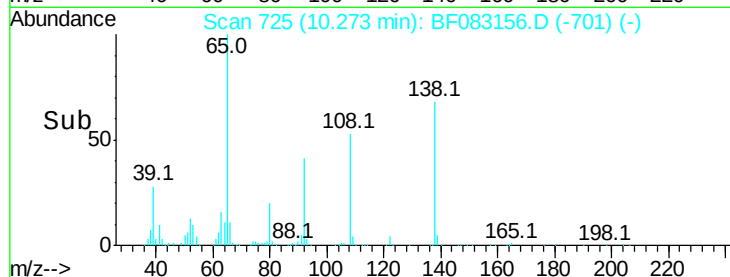
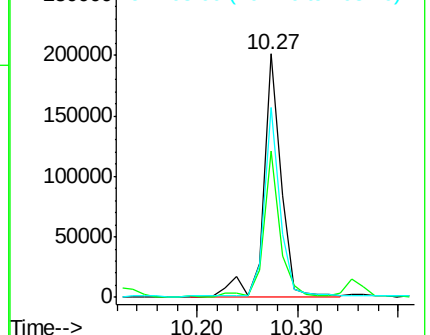
108 77.9 53.5 93.5



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: 48.21 ng

RT: 10.39 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Tgt Ion: 77 Resp: 1818359

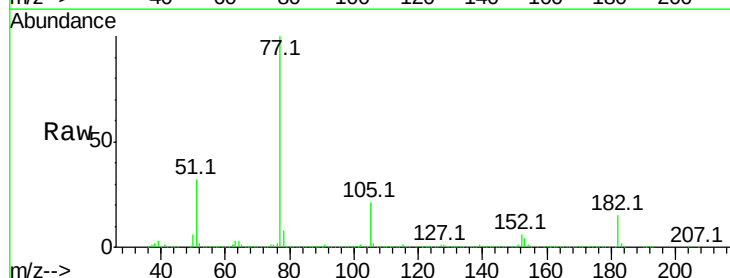
Ion Ratio Lower Upper

77 100

182 15.4 0.0 38.3

105 20.7 1.2 41.2

51 31.7 11.1 51.1

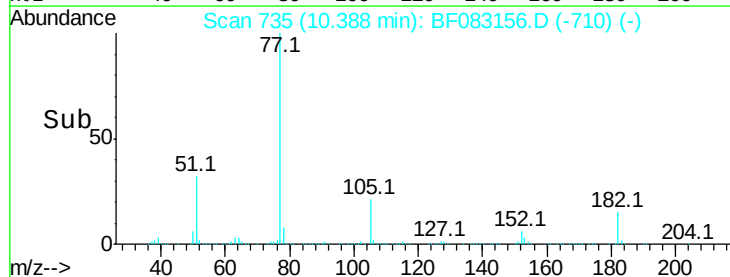
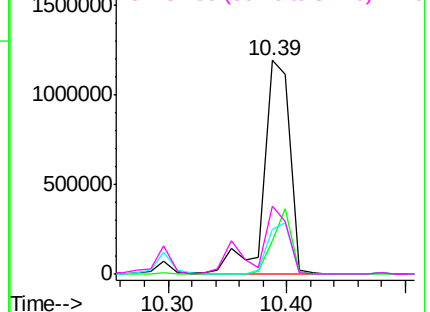


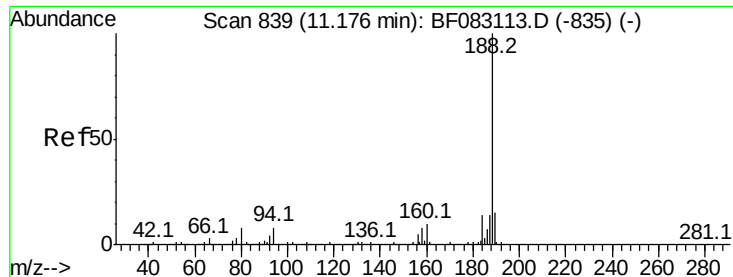
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

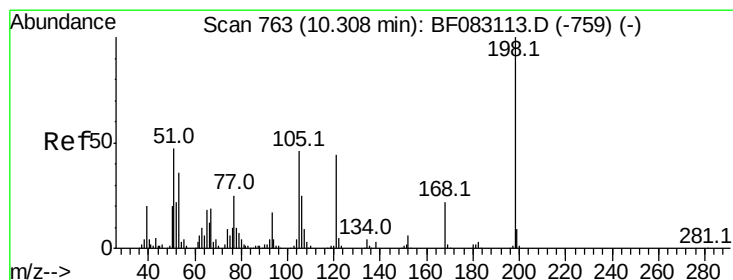
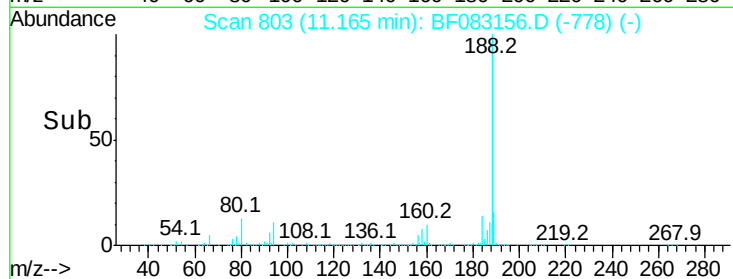
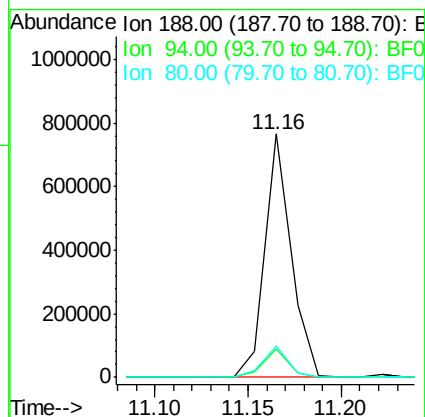
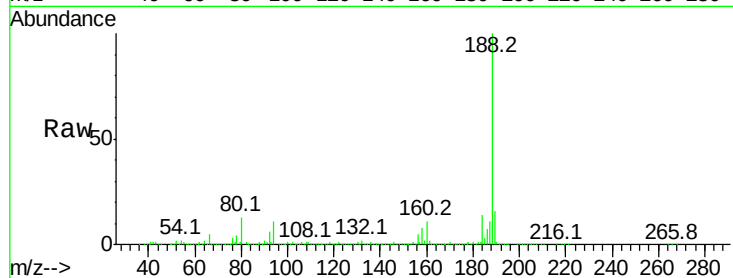




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

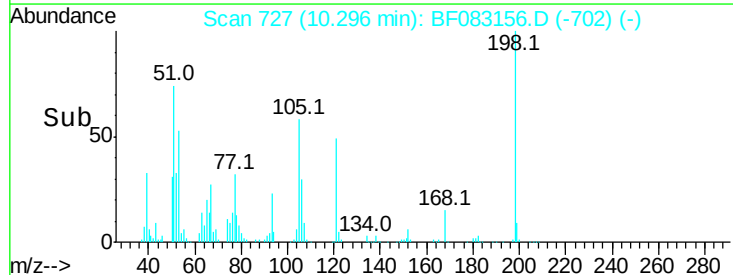
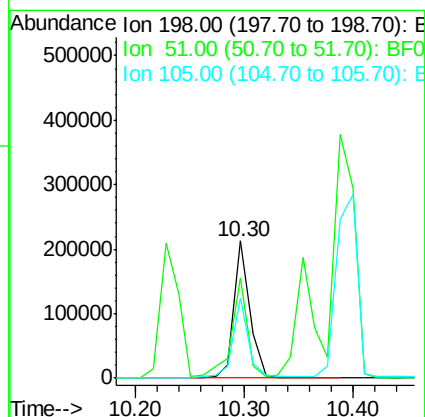
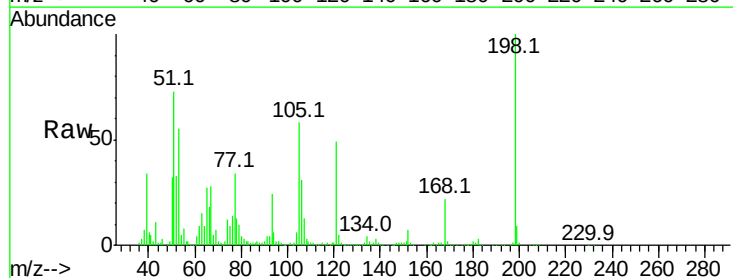
Instrument :
BNA_F
ClientSampleId :
MW-02MSD

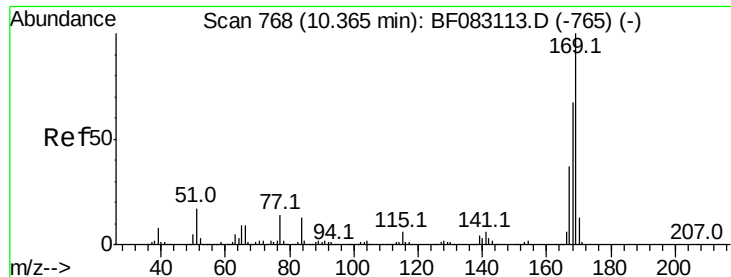
Tot Ion:188 Resp: 742401
Ion Ratio Lower Upper
188 100
94 11.5 6.0 9.0#
80 12.9 6.7 10.1#



#64
4,6-Dinitro-2-methylphenol
Concen: 41.77 ng
RT: 10.30 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

Tgt Ion:198 Resp: 213663
Ion Ratio Lower Upper
198 100
51 73.4 27.0 67.0#
105 58.4 26.1 66.1





#65

n-Nitrosodiphenylamine

Concen: 48.80 ng

RT: 10.36 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

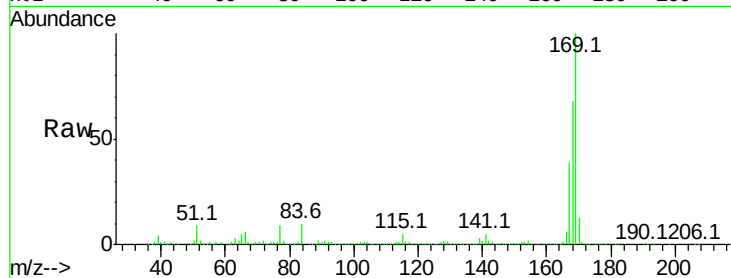
Tot Ion:169 Resp: 1232288

Ion Ratio Lower Upper

169 100

168 68.1 53.8 80.6

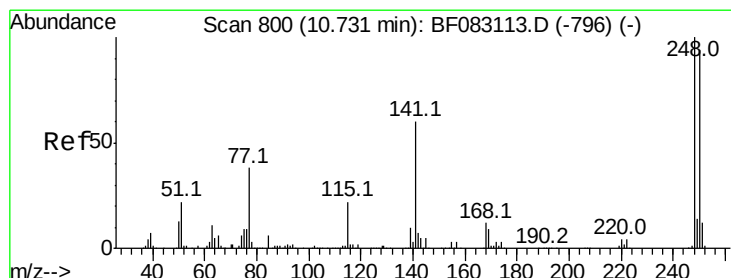
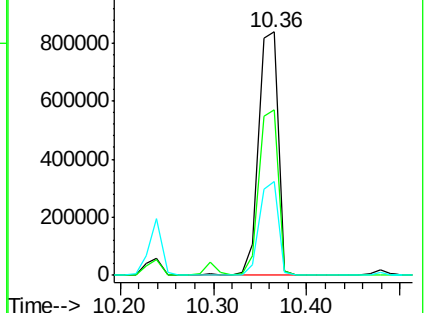
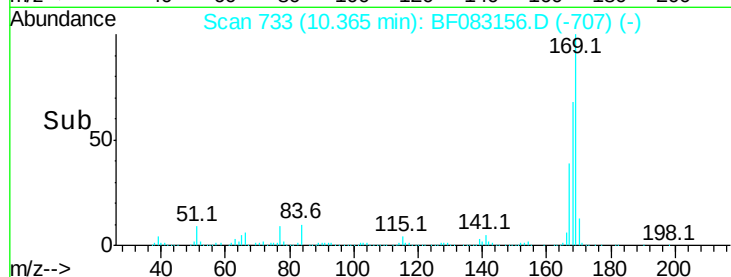
167 38.6 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.46 ng

RT: 10.72 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

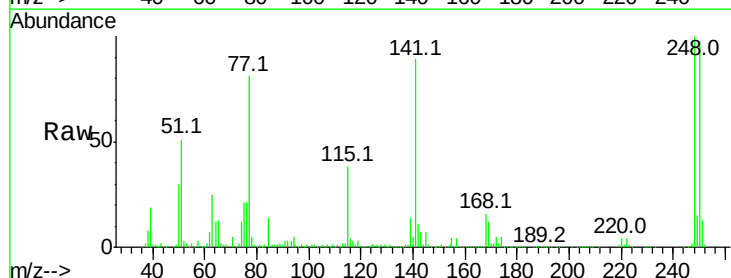
Tgt Ion:248 Resp: 382783

Ion Ratio Lower Upper

248 100

250 97.3 75.4 113.2

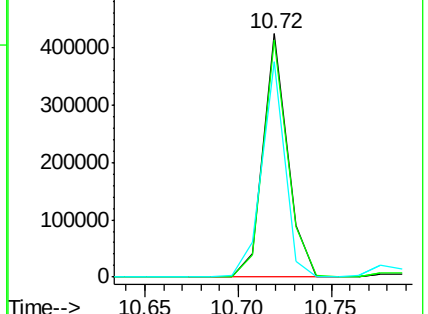
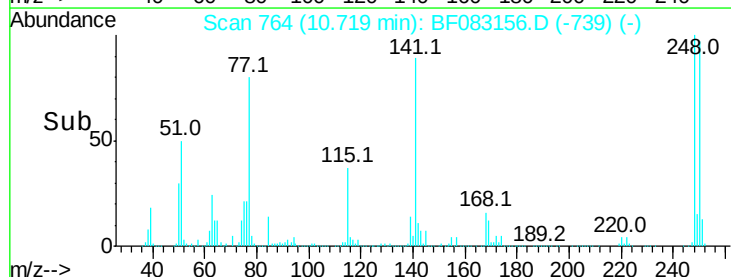
141 88.7 48.1 72.1#

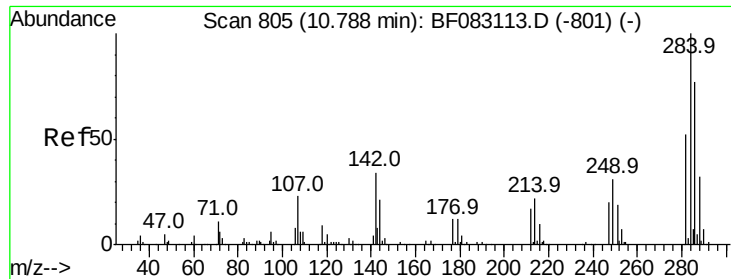


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

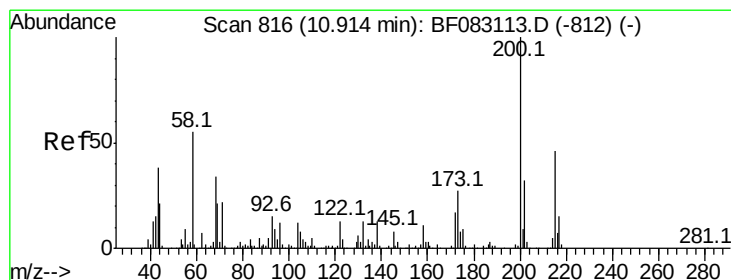
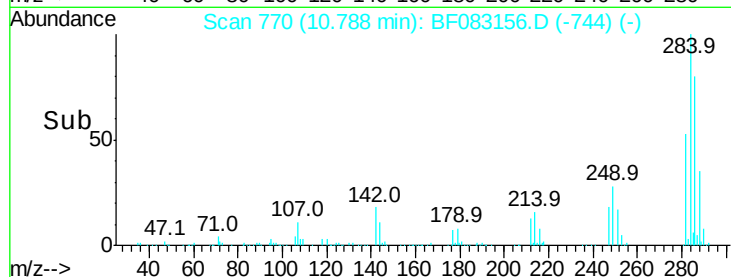
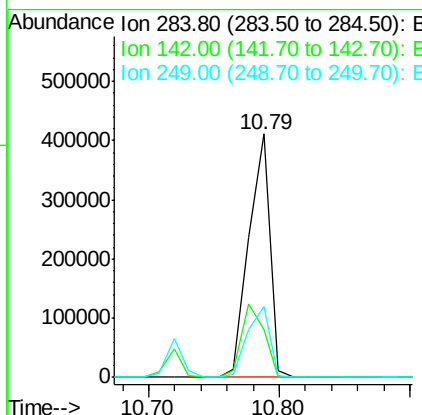
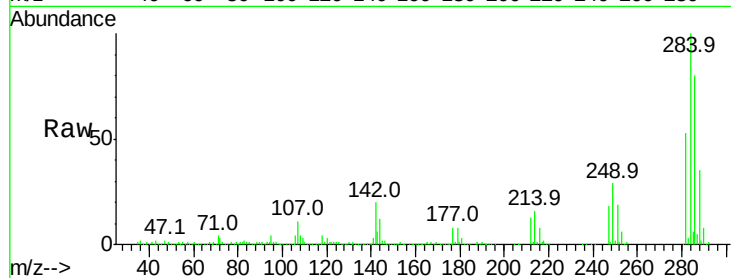




#67
Hexachlorobenzene
Concen: 50.93 ng
RT: 10.79 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

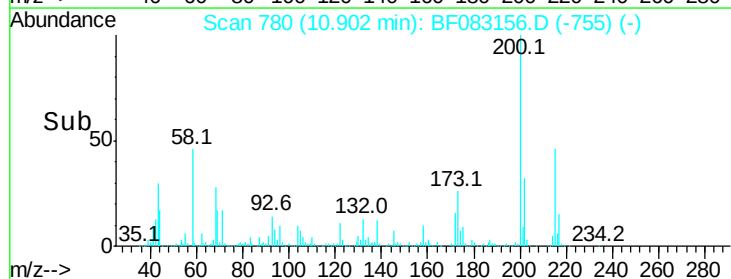
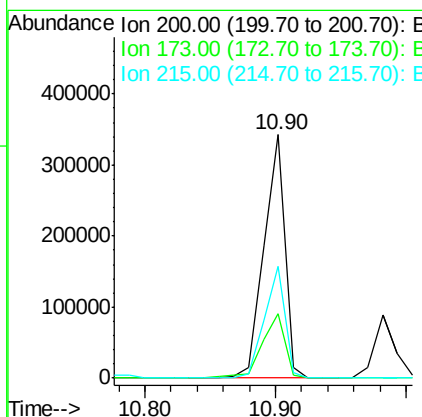
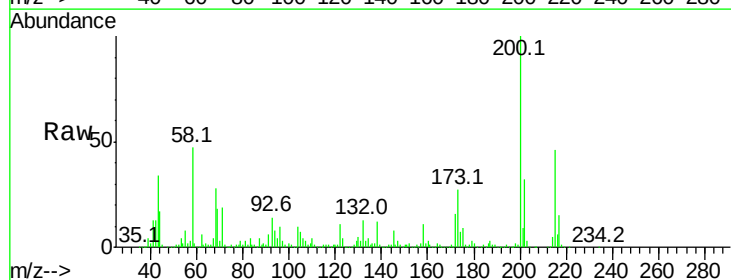
Instrument :
BNA_F
ClientSampleId :
MW-02MSD

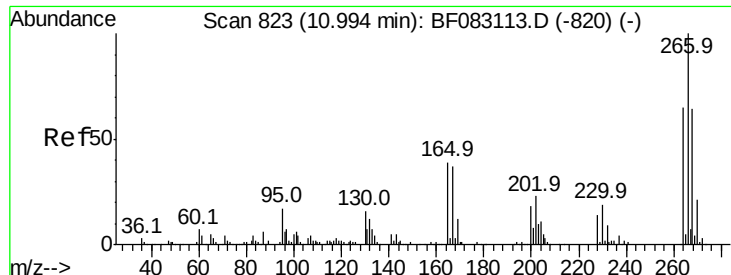
Tot Ion	Ratio	Lower	Upper
284	100		
142	19.7	27.6	41.4#
249	29.3	25.5	38.3



#68
Atrazine
Concen: 52.51 ng
RT: 10.90 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.5	7.2	47.2
215	45.9	25.7	65.7

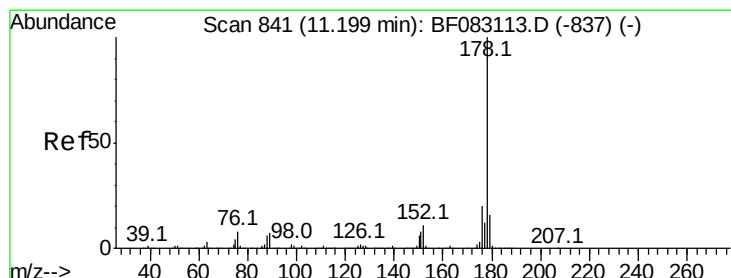
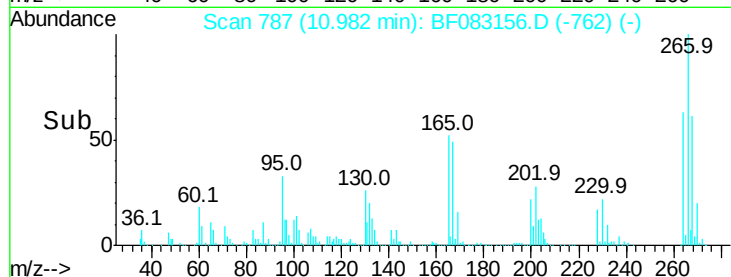
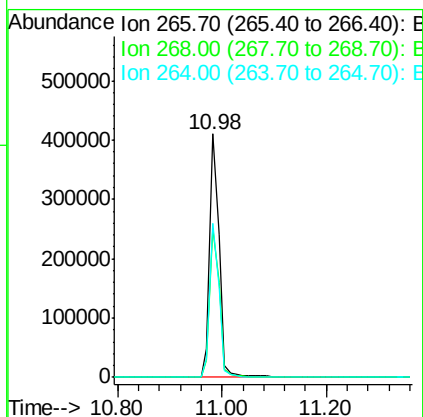
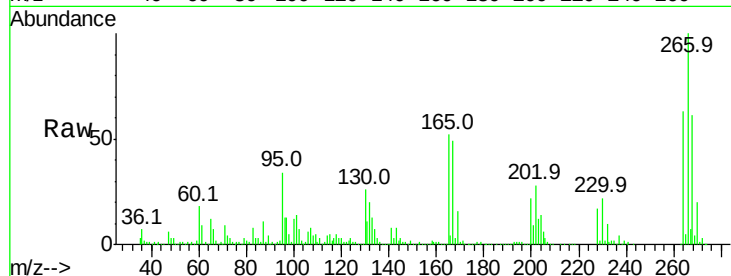




#69
 Pentachlorophenol
 Concen: 87.46 ng
 RT: 10.98 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF083156.D
 Acq: 22 Nov 2015 13:50

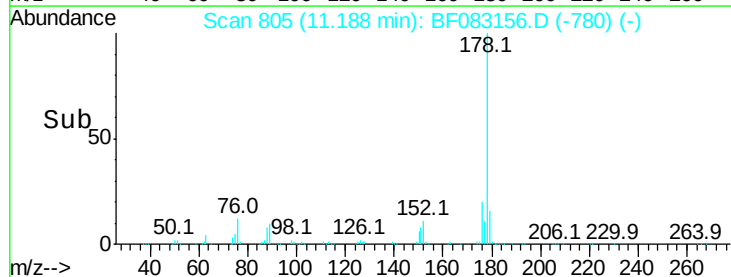
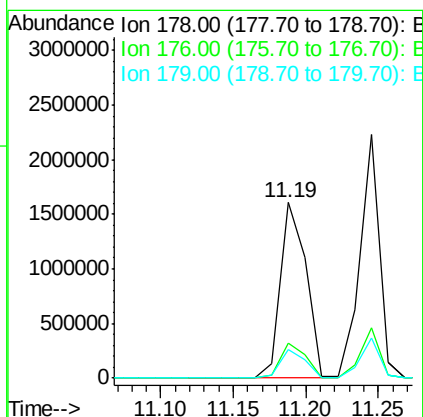
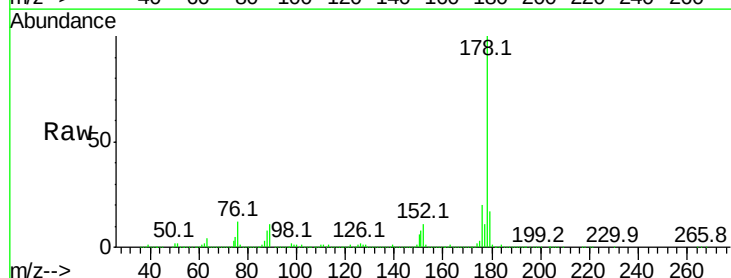
Instrument :
 BNA_F
 ClientSampleId :
 MW-02MSD

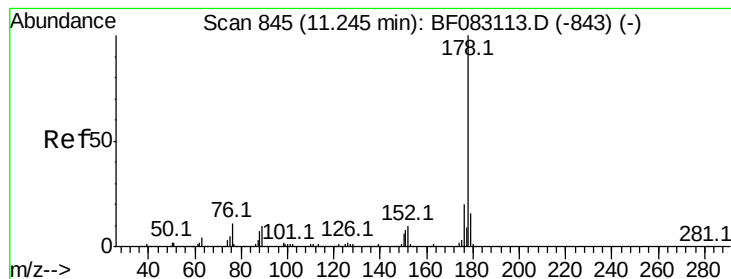
Tot Ion	Ratio	Lower	Upper
266	100		
268	60.9	51.4	77.0
264	63.4	51.7	77.5



#70
 Phenanthrene
 Concen: 46.33 ng
 RT: 11.19 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF083156.D
 Acq: 22 Nov 2015 13:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.2
179	16.6	12.8	19.2





#71

Anthracene

Concen: 47.43 ng

RT: 11.24 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

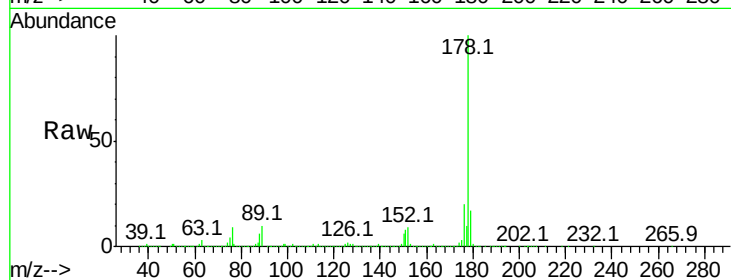
BNA_F

ClientSampleId :

MW-02MSD

Tot Ion:178 Resp: 2069880

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.6	23.4
179	16.6	13.2	19.8

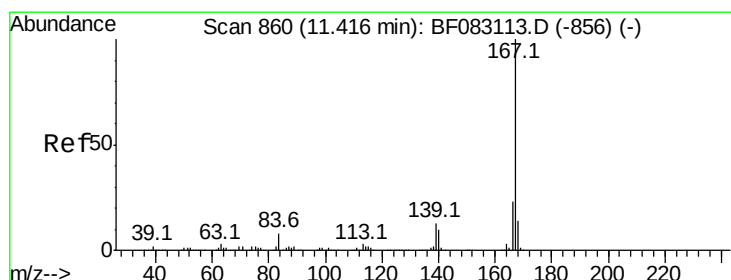
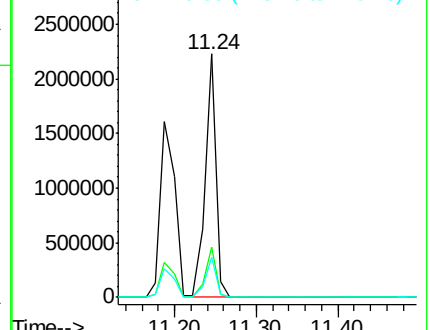
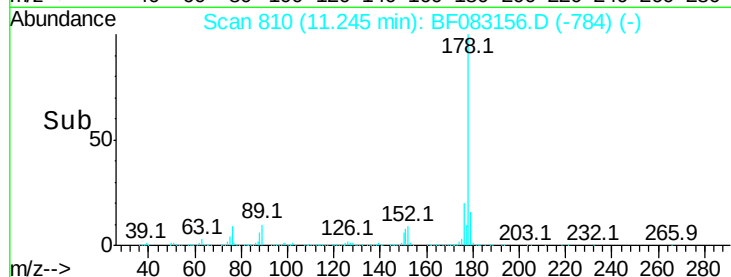


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.75 ng

RT: 11.41 min Scan# 824

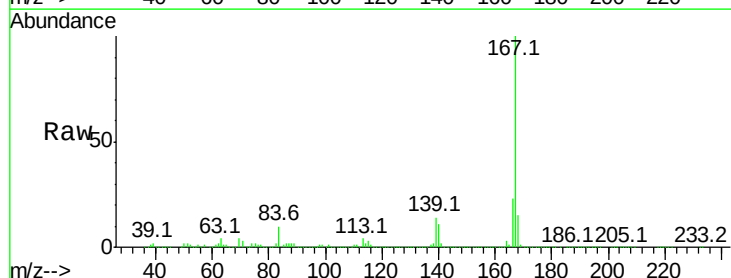
Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Tgt Ion:167 Resp: 1735804

Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.0	27.0
139	14.1	10.5	15.7

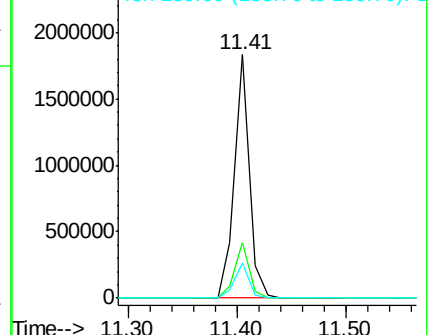
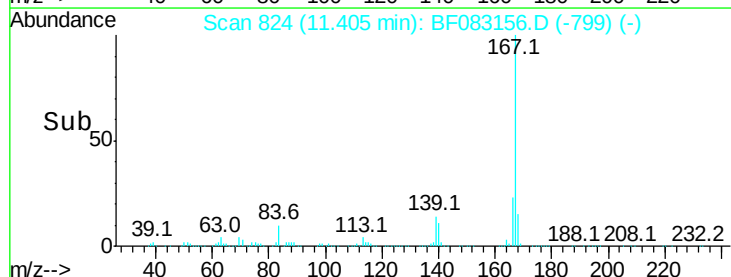


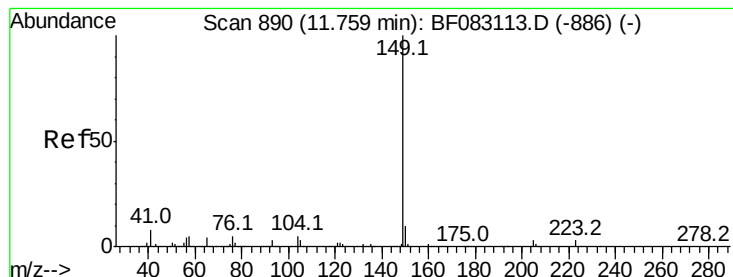
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.89 ng

RT: 11.75 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

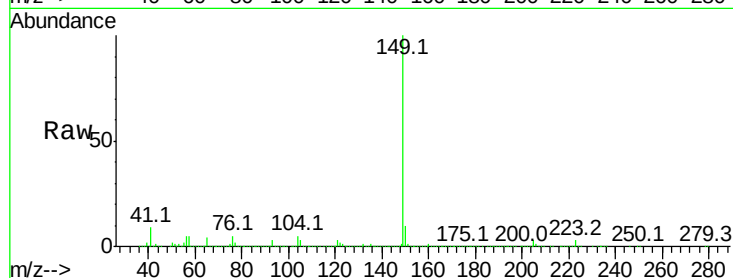
Tot Ion:149 Resp: 2314534

Ion Ratio Lower Upper

149 100

150 10.3 8.0 12.0

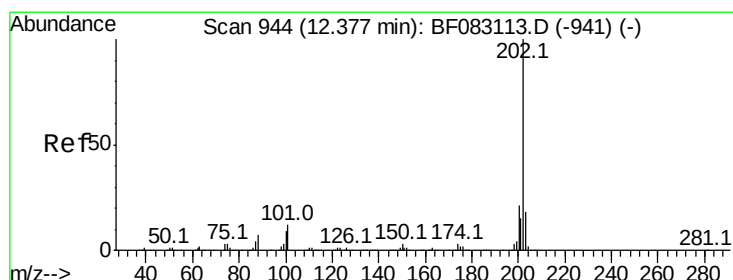
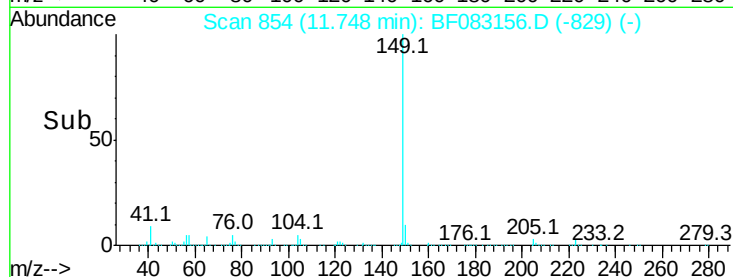
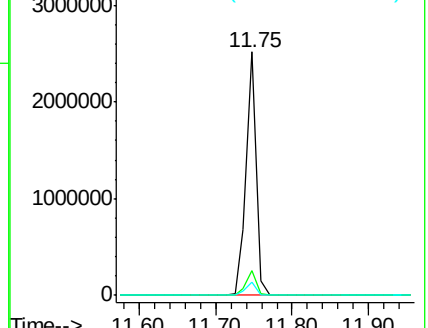
104 5.5 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.94 ng

RT: 12.38 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

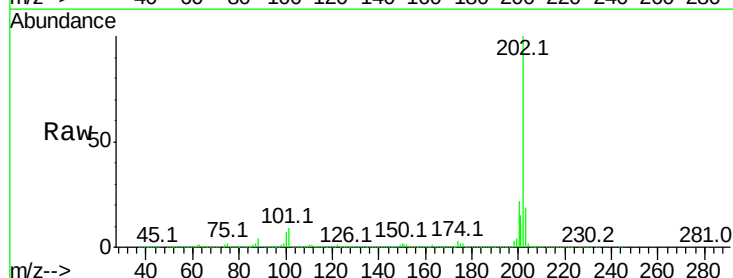
Tgt Ion:202 Resp: 2142480

Ion Ratio Lower Upper

202 100

101 8.6 0.0 32.3

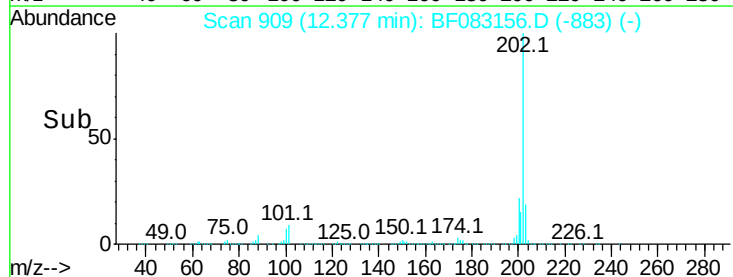
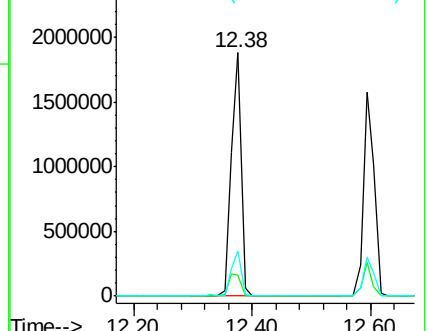
203 18.8 0.0 38.4

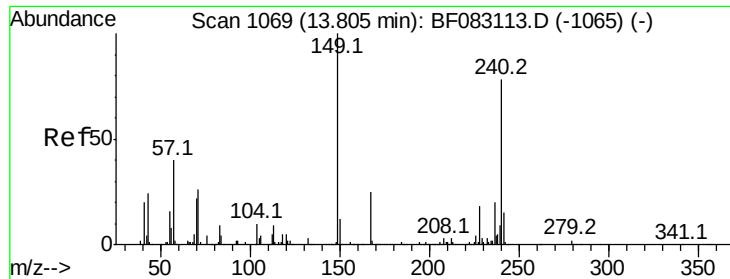


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.79 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

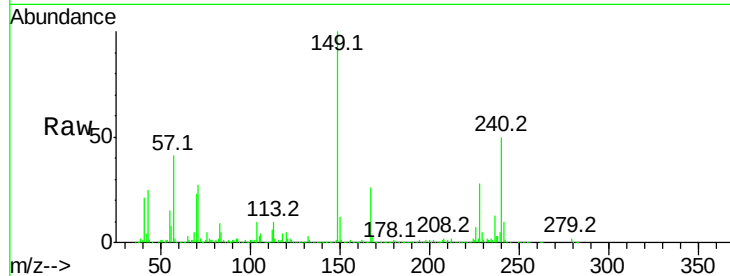
Tot Ion:240 Resp: 560387

Ion Ratio Lower Upper

240 100

120 9.7 5.4 8.2#

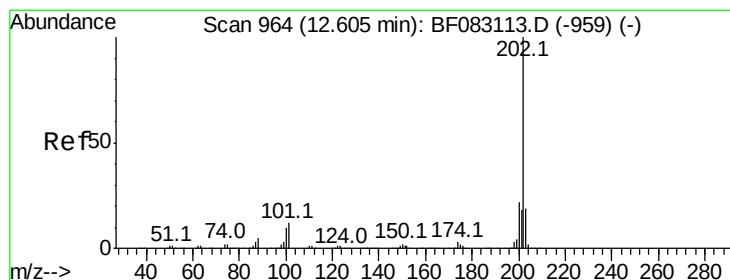
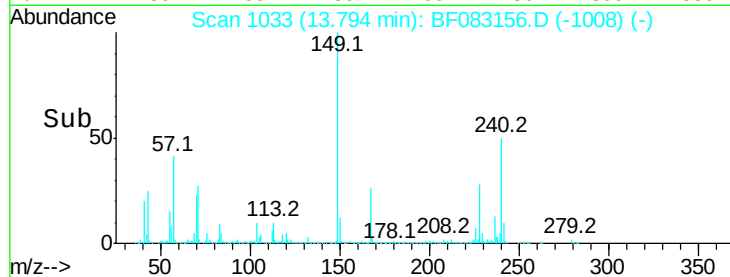
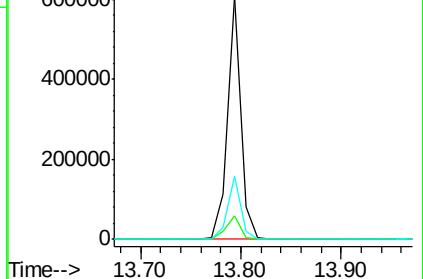
236 25.7 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 51.57 ng

RT: 12.59 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

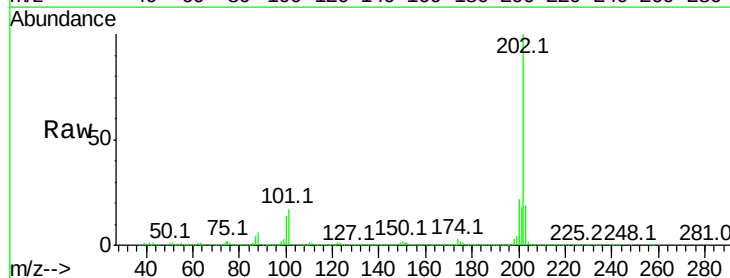
Tgt Ion:202 Resp: 1974188

Ion Ratio Lower Upper

202 100

200 22.2 17.8 26.6

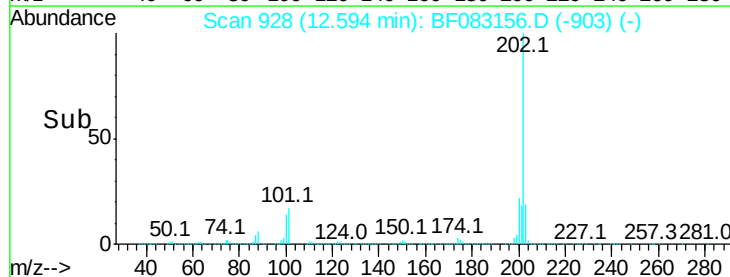
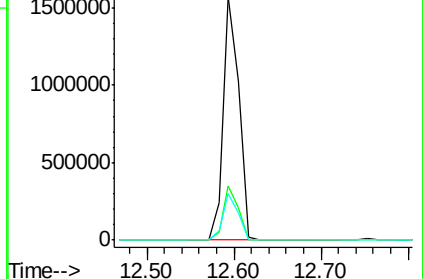
203 19.1 15.0 22.4

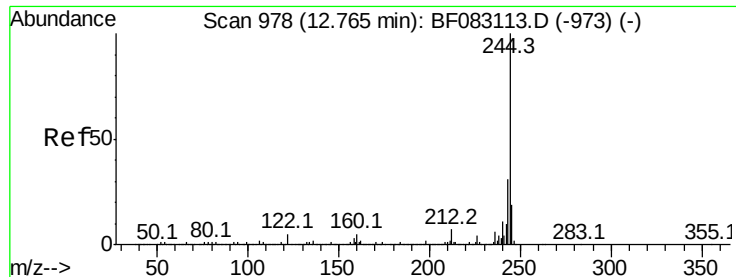


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 89.73 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

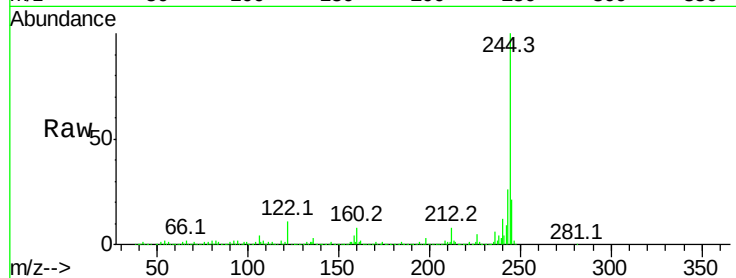
Tot Ion:244 Resp: 2135431

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.2

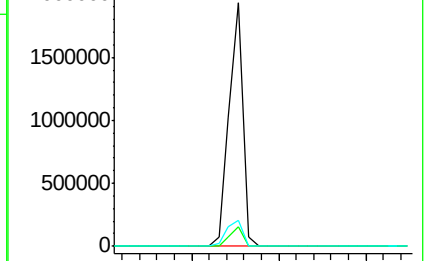
122 10.8 4.3 6.5#



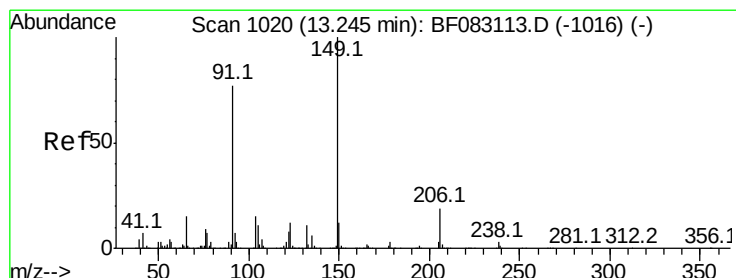
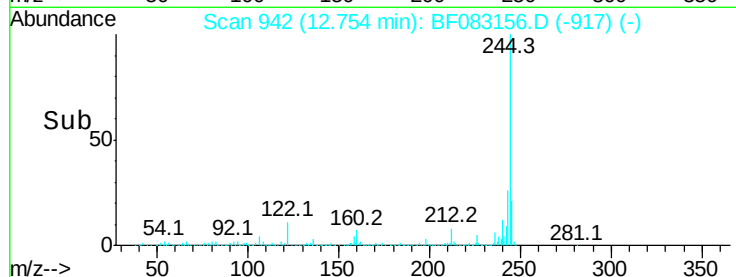
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#79

Butylbenzylphthalate

Concen: 56.17 ng

RT: 13.23 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

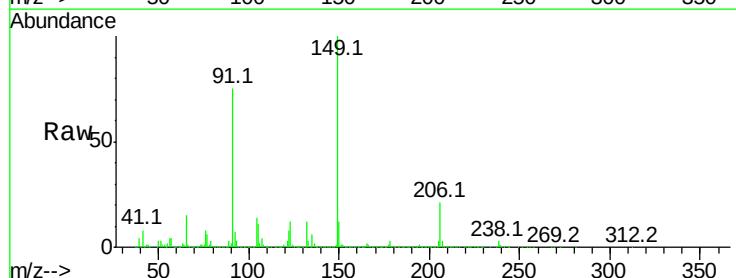
Tgt Ion:149 Resp: 1017667

Ion Ratio Lower Upper

149 100

91 74.8 61.5 92.3

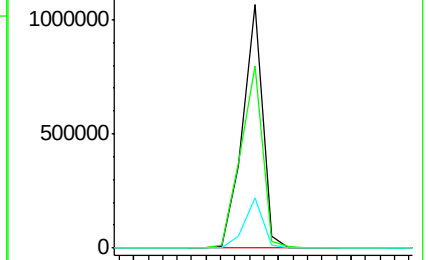
206 20.8 15.3 22.9



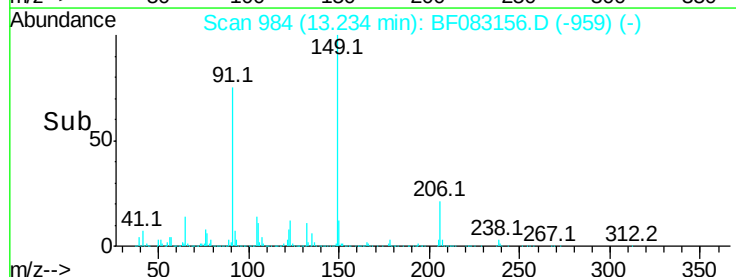
Abundance Ion 149.00 (148.70 to 149.70): E

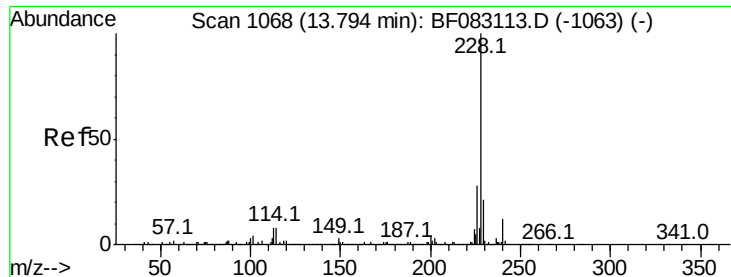
Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



Time-->





#80

Benzo(a)anthracene

Concen: 50.11 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

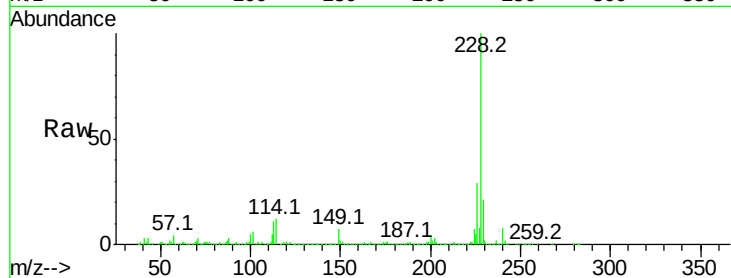
Tot Ion:228 Resp: 1736710

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	20.8	16.6	24.8

228 100

226 28.9 22.6 33.8

229 20.8 16.6 24.8

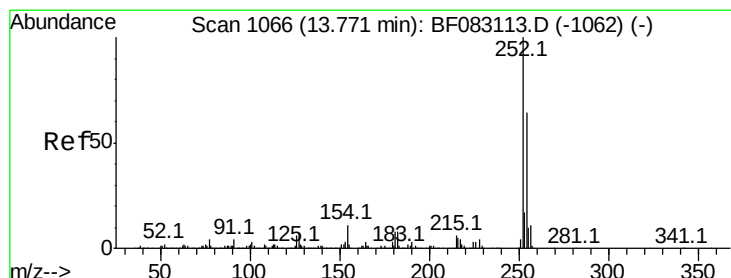
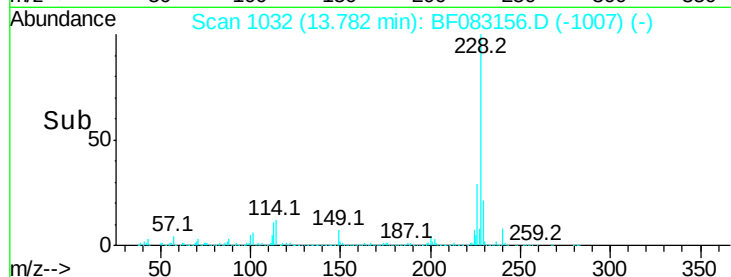
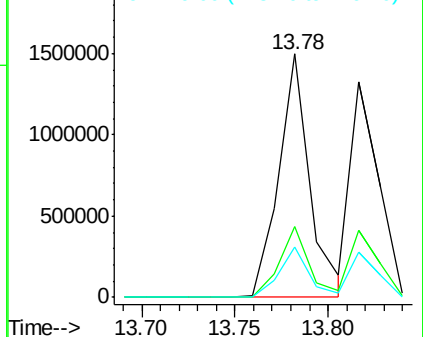


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 18.58 ng

RT: 13.76 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

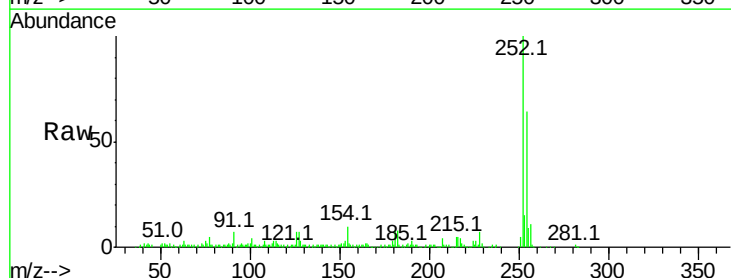
Tgt Ion:252 Resp: 224137

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.5	77.3
126	7.1	5.2	7.8

252 100

254 64.5 51.5 77.3

126 7.1 5.2 7.8

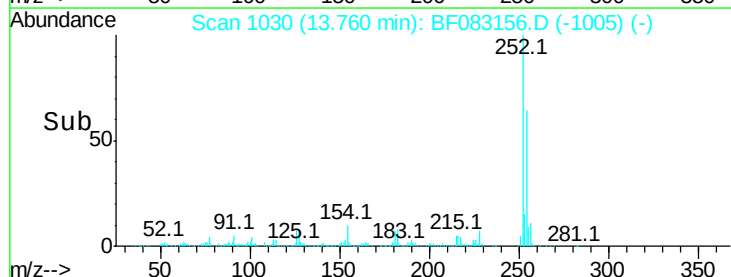
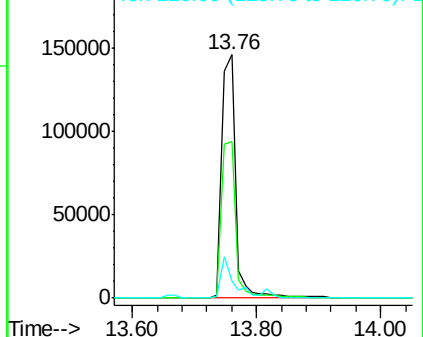


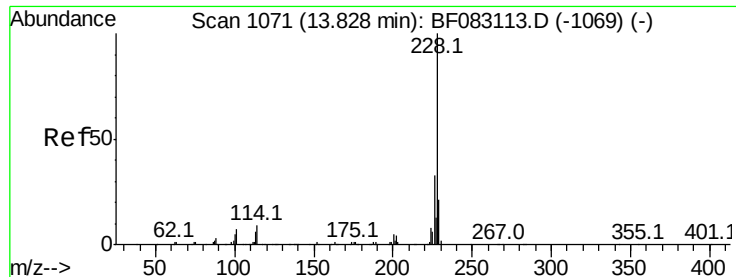
Abundance

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: 43.86 ng

RT: 13.82 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

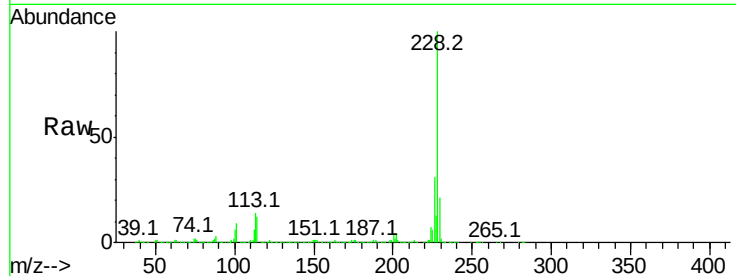
Tot Ion:228 Resp: 1409631

Ion Ratio Lower Upper

228 100

226 31.3 25.5 38.3

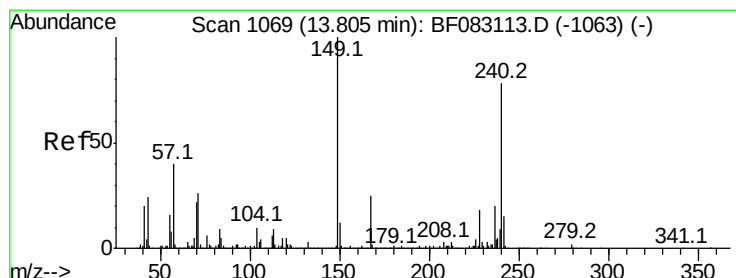
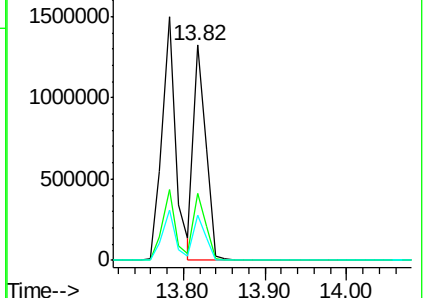
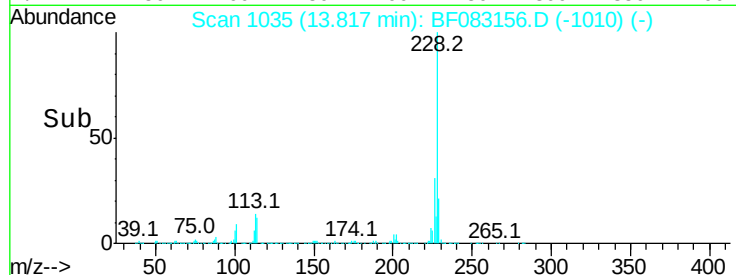
229 21.2 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 54.72 ng

RT: 13.79 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

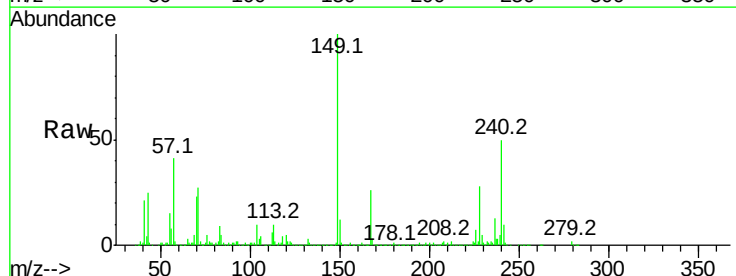
Tgt Ion:149 Resp: 1294842

Ion Ratio Lower Upper

149 100

167 26.1 20.1 30.1

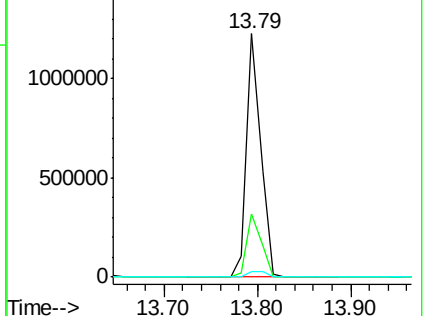
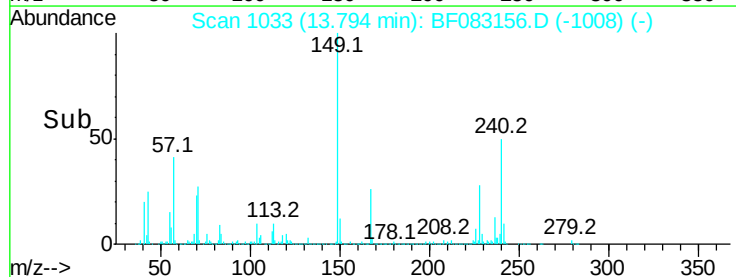
279 2.2 1.7 2.5

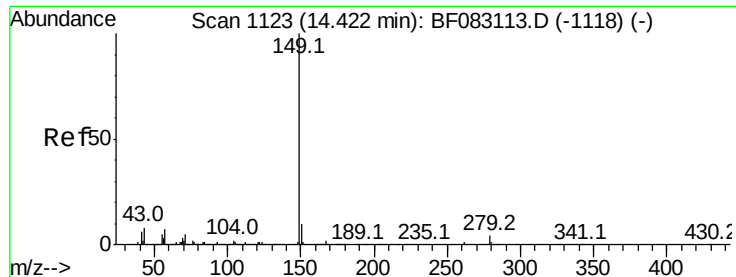


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 53.24 ng

RT: 14.40 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

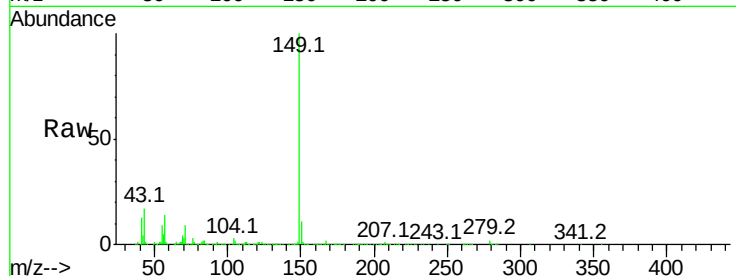
Tot Ion:149 Resp: 2168898

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

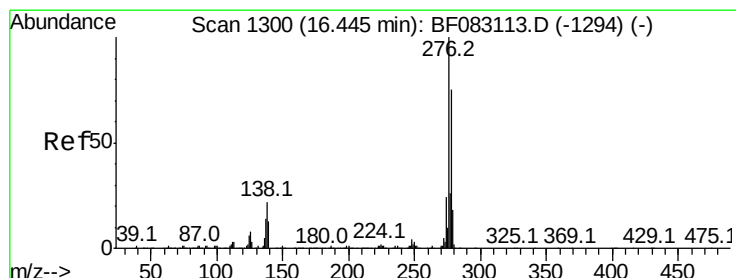
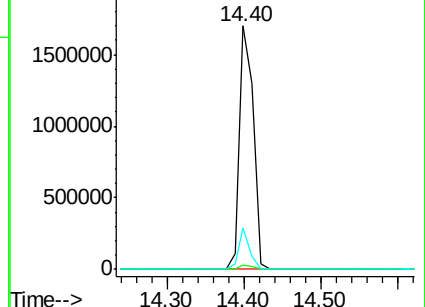
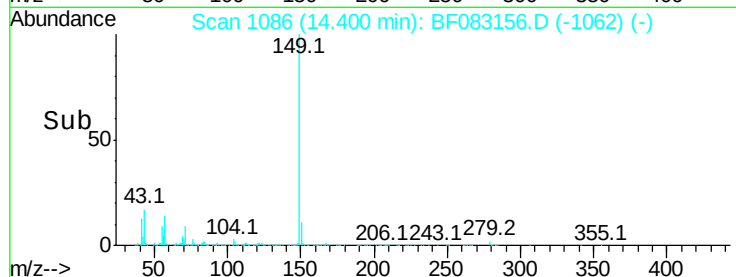
43 13.2 9.5 14.3



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): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 50.70 ng

RT: 16.42 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

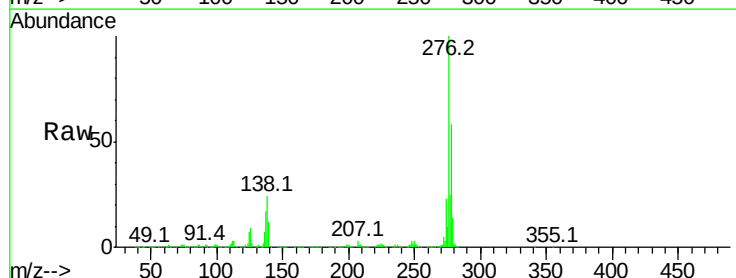
Tgt Ion:276 Resp: 1482191

Ion Ratio Lower Upper

276 100

138 25.2 18.0 27.0

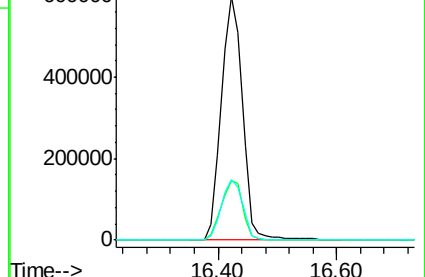
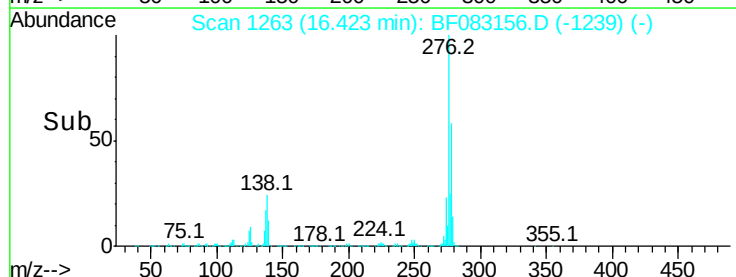
277 25.4 20.2 30.4

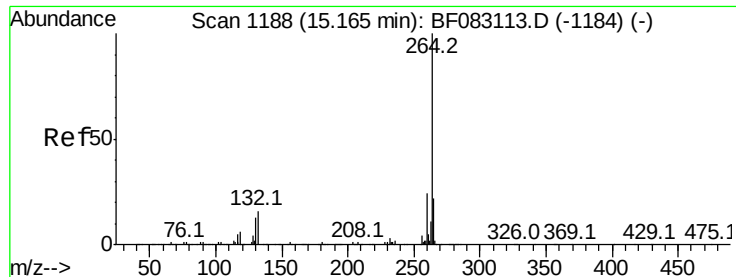


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

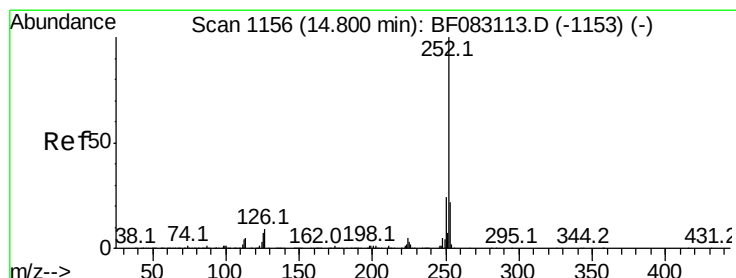
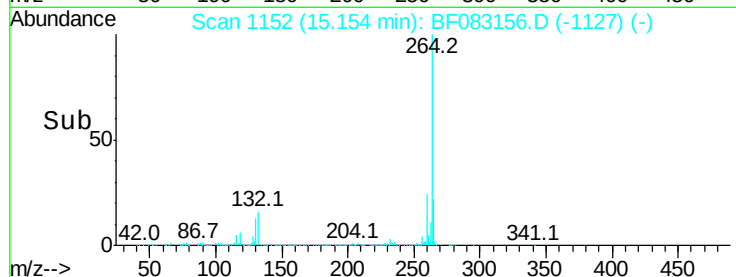
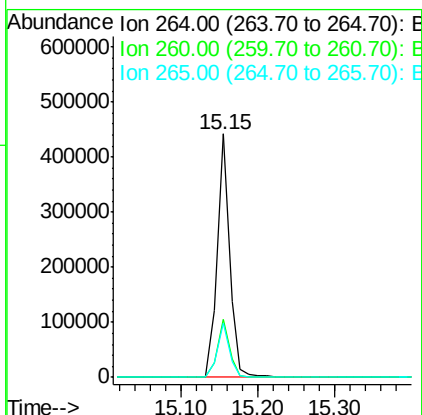
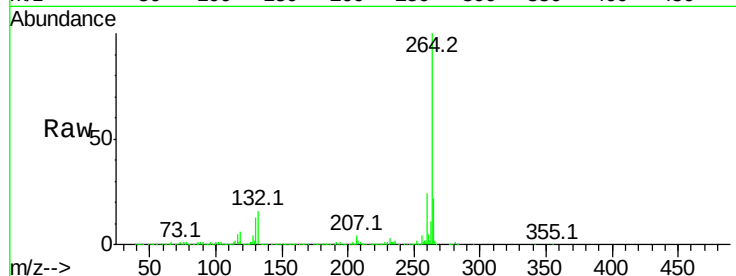




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

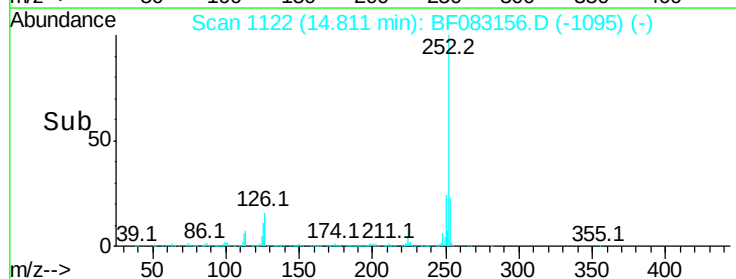
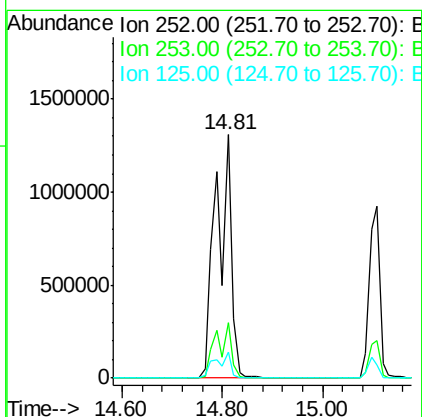
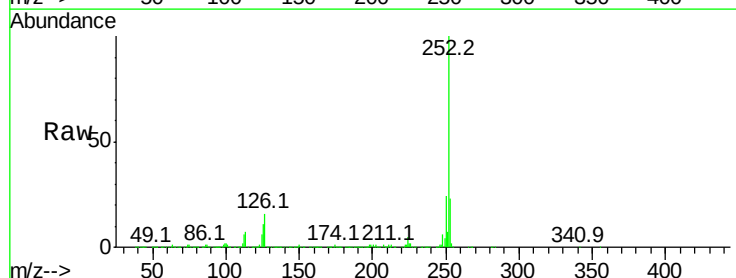
Instrument :
BNA_F
ClientSampleId :
MW-02MSD

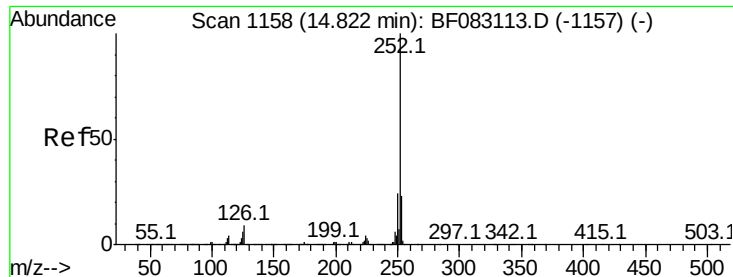
Tot Ion:264 Resp: 502991
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 22.5 18.2 27.4



#87
Benzo(b)fluoranthene
Concen: 81.00 ng
RT: 14.81 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

Tgt Ion:252 Resp: 2783877
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 10.9 5.6 8.4#

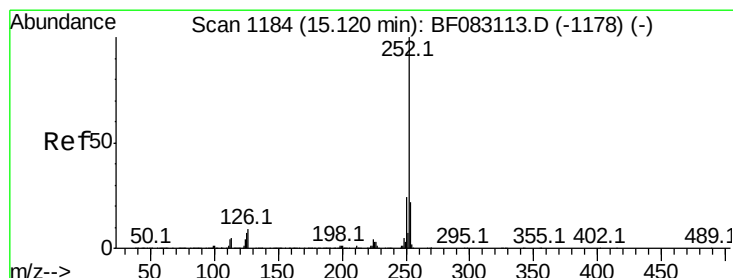
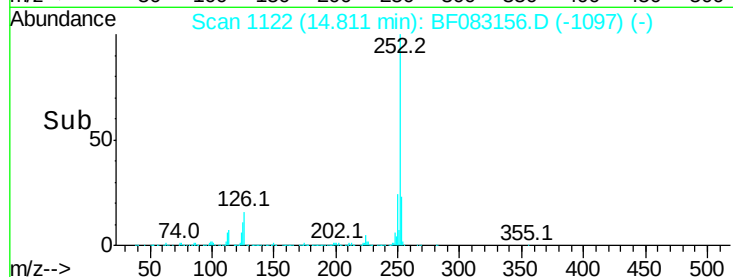
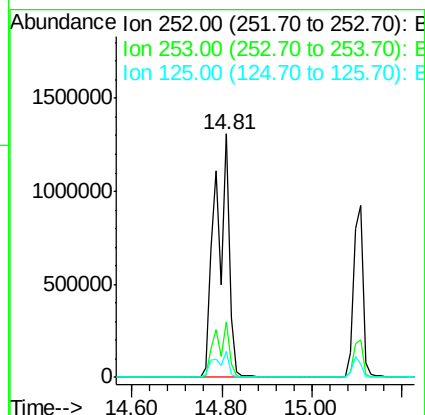
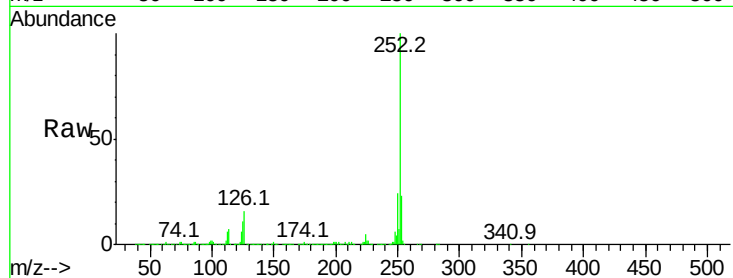




#88
Benzo(k)fluoranthene
Concen: 108.78 ng
RT: 14.81 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

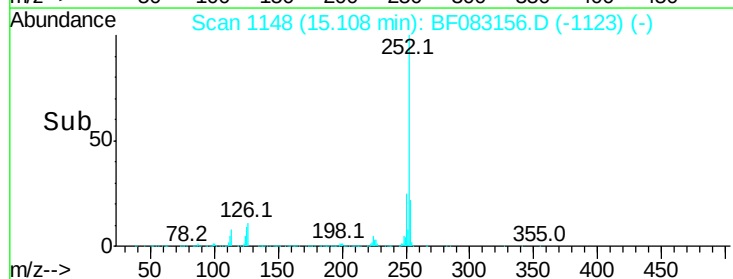
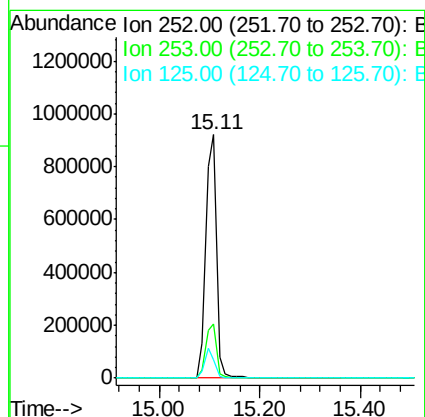
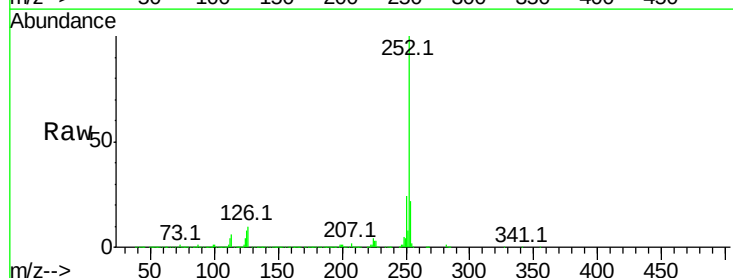
Instrument :
BNA_F
ClientSampleId :
MW-02MSD

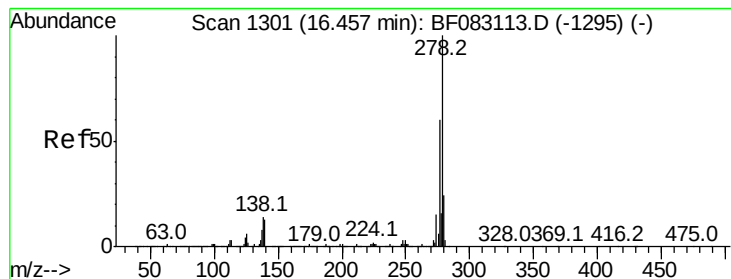
Tot Ion:252 Resp: 2785527
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 10.9 6.8 10.2#



#89
Benzo(a)pyrene
Concen: 47.92 ng
RT: 15.11 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF083156.D
Acq: 22 Nov 2015 13:50

Tgt Ion:252 Resp: 1359714
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 7.7 5.4 8.0





#90

Dibenzo(a,h)anthracene

Concen: 49.11 ng

RT: 16.43 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

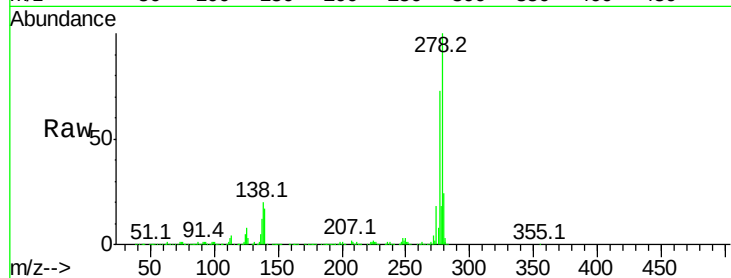
Tot Ion:278 Resp: 1265896

Ion Ratio Lower Upper

278 100

139 17.2 10.7 16.1#

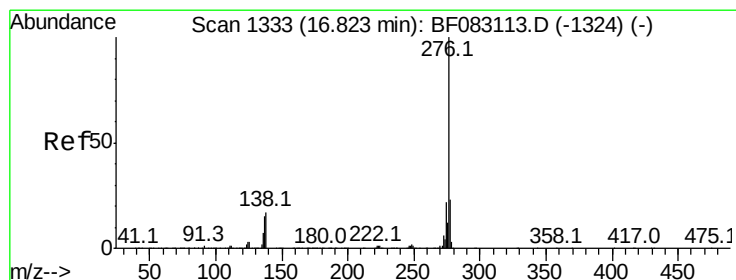
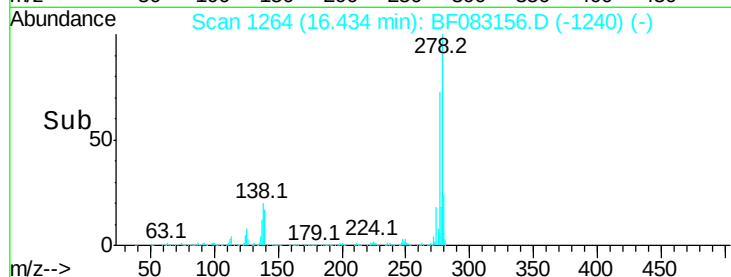
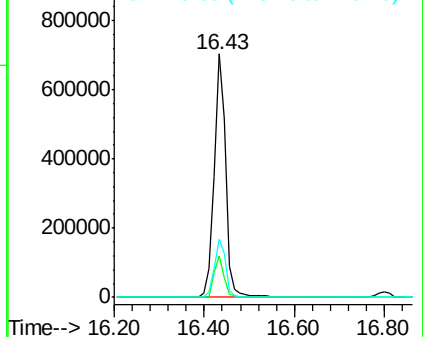
279 23.9 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 50.00 ng

RT: 16.80 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BF083156.D

Acq: 22 Nov 2015 13:50

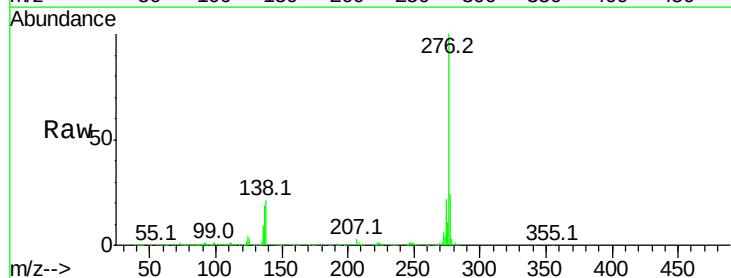
Tgt Ion:276 Resp: 1258096

Ion Ratio Lower Upper

276 100

277 24.4 18.7 28.1

138 21.4 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

