

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083155.D
 Acq On : 22 Nov 2015 13:21
 Operator : UM/IZ
 Sample : G4504-03MS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02MS

Quant Time: Nov 23 03:36:06 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	205722	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	808879	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	410023	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	727395	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	584922	20.00	ng	-0.01
86) Perylene-d12	15.15	264	514417	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	939224	69.02	ng	-0.02
7) Phenol-d6	6.32	99	852468	48.42	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1130349	63.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	410626	97.89	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	1894234	64.42	ng	0.00
78) Terphenyl-d14	12.75	244	1607315	64.71	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.17	88	119639	17.75	ng	# 93
3) Pyridine	2.95	79	148351	8.33	ng	97
4) n-Nitrosodimethylamine	2.78	42	106294	12.95	ng	96
6) Aniline	6.32	93	477310	22.18	ng	91
8) 2-Chlorophenol	6.44	128	502431	34.18	ng	90
9) Benzaldehyde	6.19	77	376741	43.93	ng	98
10) Phenol	6.33	94	355262	16.68	ng	89
11) bis(2-Chloroethyl)ether	6.40	93	578677	38.05	ng	96
12) 1,3-Dichlorobenzene	6.82	146	484705	28.88	ng	96
13) 1,4-Dichlorobenzene	6.59	146	492430	29.00	ng	93
14) 1,2-Dichlorobenzene	6.82	146	492936	31.94	ng	98
15) Benzyl Alcohol	6.81	79	315904	21.47	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.95	45	969254	40.87	ng	# 60
17) 2-Methylphenol	6.94	107	381029	31.32	ng	96
18) Hexachloroethane	7.16	117	176656	29.54	ng	# 88
19) n-Nitroso-di-n-propylamine	7.08	70	454443	37.09	ng	96
20) 3+4-Methylphenols	7.10	107	466216	30.32	ng	96
22) Acetophenone	7.07	105	761499	32.79	ng	# 98
24) Nitrobenzene	7.24	77	674882	35.68	ng	96
25) Isophorone	7.50	82	1145355	34.17	ng	95
26) 2-Nitrophenol	7.56	139	269987	32.33	ng	97
27) 2,4-Dimethylphenol	7.62	122	496840	37.28	ng	93
28) bis(2-Chloroethoxy)methane	7.70	93	657921	33.76	ng	99
29) 2,4-Dichlorophenol	7.82	162	451930	35.66	ng	95
30) 1,2,4-Trichlorobenzene	7.88	180	437113	31.40	ng	95
31) Naphthalene	7.96	128	1453625	33.30	ng	99
32) Benzoic acid	7.74	122	97780	9.44	ng	96
33) 4-Chloroaniline	8.02	127	485386	28.66	ng	96
34) Hexachlorobutadiene	8.09	225	248315	30.18	ng	98
35) Caprolactam	8.51	113	15530	3.82	ng	# 10
36) 4-Chloro-3-methylphenol	8.51	107	490761	33.43	ng	# 87
37) 2-Methylnaphthalene	8.65	142	943146	33.29	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	450631	33.91	ng	98
40) Hexachlorocyclopentadiene	8.81	237	347141	45.94	ng	97

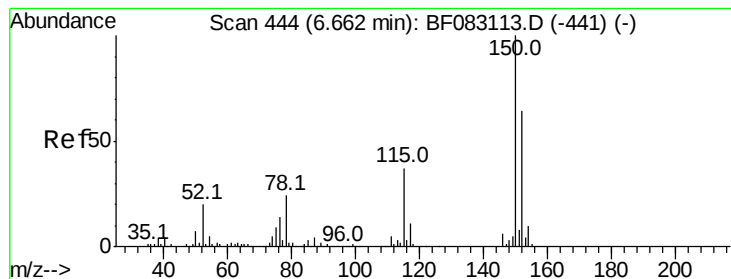
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
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Quant Time: Nov 23 03:36:06 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	317556	33.36	nq	97
43) 2,4,5-Trichlorophenol	8.98	196	345553	35.51	nq	# 92
45) 1,1'-Biphenyl	9.12	154	1172645	33.60	nq	97
46) 2-Chloronaphthalene	9.14	162	970643	35.41	nq	99
47) 2-Nitroaniline	9.24	65	337346	34.79	nq	95
48) Acenaphthylene	9.55	152	1469930	34.60	nq	100
49) Dimethylphthalate	9.44	163	1157816	36.68	nq	# 98
50) 2,6-Dinitrotoluene	9.48	165	224332	31.67	nq	98
51) Acenaphthene	9.72	154	904360	34.98	nq	100
52) 3-Nitroaniline	9.66	138	117792	15.60	nq	# 79
53) 2,4-Dinitrophenol	9.76	184	230103	56.39	nq	96
54) Dibenzofuran	9.90	168	1293031	35.37	nq	99
55) 4-Nitrophenol	9.85	139	120638	20.83	nq	# 80
56) 2,4-Dinitrotoluene	9.88	165	296166	33.00	nq	97
57) Fluorene	10.24	166	1031198	34.14	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	284820	35.68	nq	98
59) Diethylphthalate	10.12	149	1051737	33.47	nq	97
60) 4-Chlorophenyl-phenylether	10.23	204	450505	32.56	nq	96
61) 4-Nitroaniline	10.27	138	204597	27.52	nq	96
62) Azobenzene	10.39	77	1298264	36.20	nq	99
64) 4,6-Dinitro-2-methylphenol	10.30	198	161678	32.26	nq	88
65) n-Nitrosodiphenylamine	10.35	169	859790	34.75	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	296909	36.78	nq	# 92
67) Hexachlorobenzene	10.78	284	315074	35.45	nq	# 89
68) Atrazine	10.89	200	252453	35.14	nq	98
69) Pentachlorophenol	10.98	266	387609	66.95	nq	99
70) Phenanthrene	11.19	178	1448560	34.57	nq	99
71) Anthracene	11.24	178	1600735	37.44	nq	99
72) Carbazole	11.40	167	1397616	36.77	nq	99
73) Di-n-butylphthalate	11.75	149	1765404	38.06	nq	99
74) Fluoranthene	12.36	202	1501892	35.02	nq	97
77) Pyrene	12.59	202	1453105	36.36	nq	99
79) Butylbenzylphthalate	13.23	149	769995	40.71	nq	91
80) Benzo(a)anthracene	13.78	228	1300574	35.95	nq	100
81) 3,3'-Dichlorobenzidine	13.75	252	160538	12.75	nq	# 97
82) Chrysene	13.82	228	1062487	31.67	nq	100
83) Bis(2-ethylhexyl)phthalate	13.79	149	974548	39.45	nq	98
84) Di-n-octyl phthalate	14.40	149	1626398	38.25	nq	97
85) Indeno(1,2,3-cd)pyrene	16.42	276	1114994	36.54	nq	97
87) Benzo(b)fluoranthene	14.81	252	2171696	61.79	nq	# 98
88) Benzo(k)fluoranthene	14.81	252	2172613	82.96	nq	100
89) Benzo(a)pyrene	15.10	252	1012056	34.88	nq	# 95
90) Dibenzo(a,h)anthracene	16.43	278	939829	35.65	nq	100
91) Benzo(g,h,i)perylene	16.80	276	927637	36.05	nq	99

(#) = 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: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

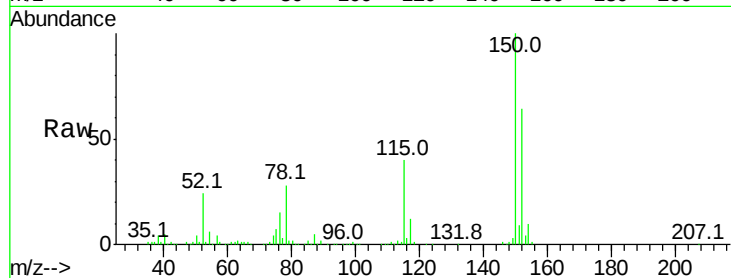
Tot Ion:152 Resp: 205722

Ion Ratio Lower Upper

152 100

150 156.3 125.8 188.8

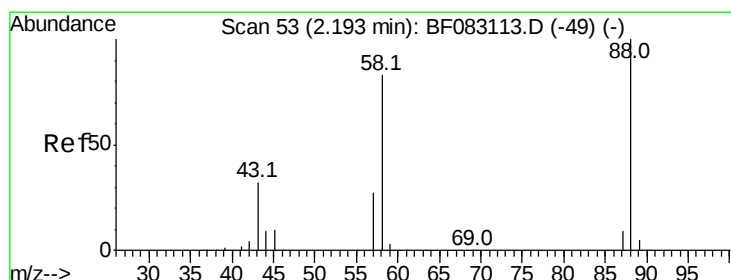
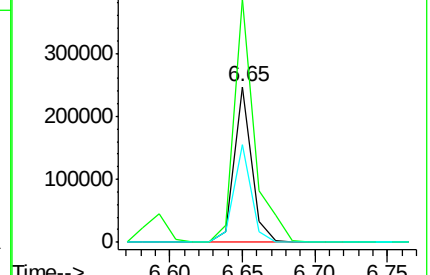
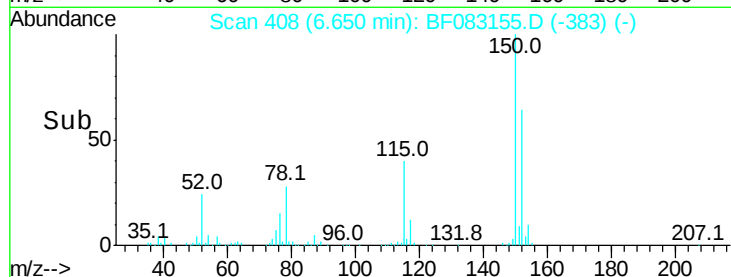
115 62.8 46.9 70.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 17.75 ng

RT: 2.17 min Scan# 16

Delta R.T. -0.02 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

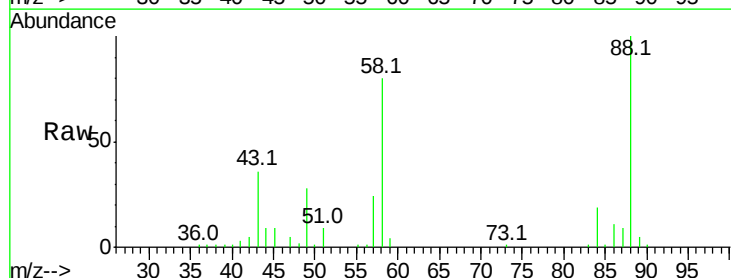
Tgt Ion: 88 Resp: 119639

Ion Ratio Lower Upper

88 100

58 85.4 65.0 97.6

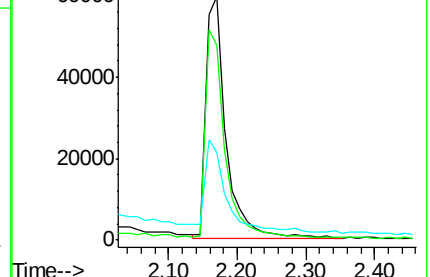
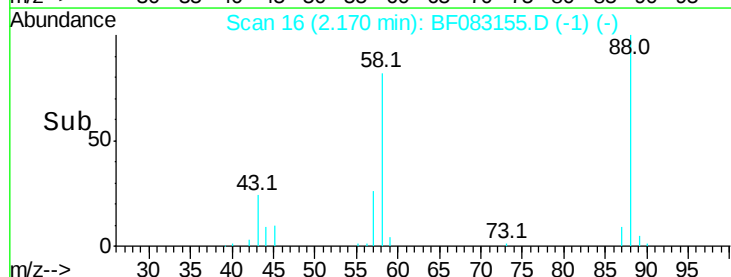
43 39.1 24.7 37.1#

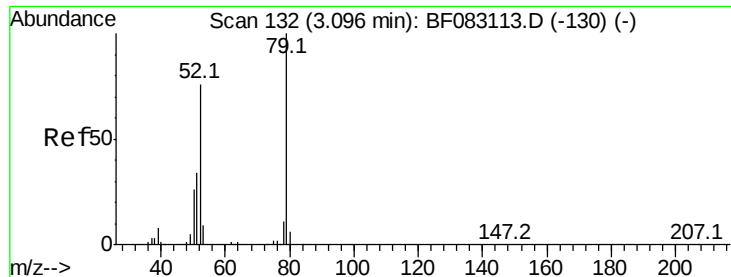


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 8.33 ng

RT: 2.95 min Scan# 84

Delta R.T. -0.15 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

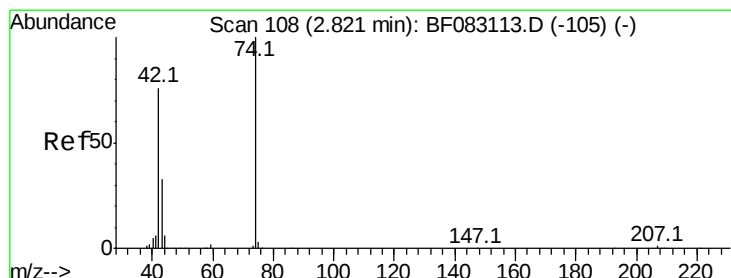
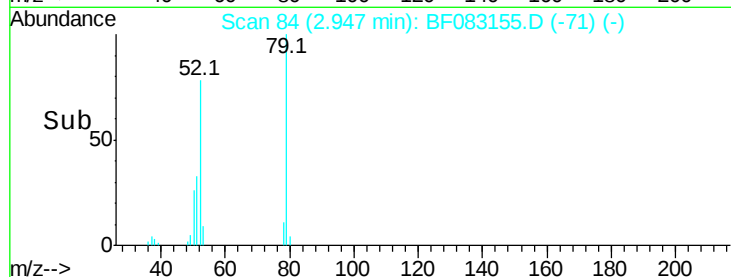
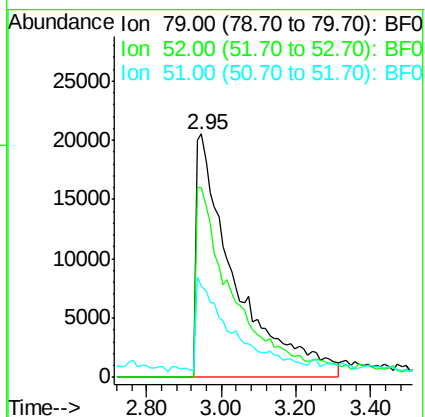
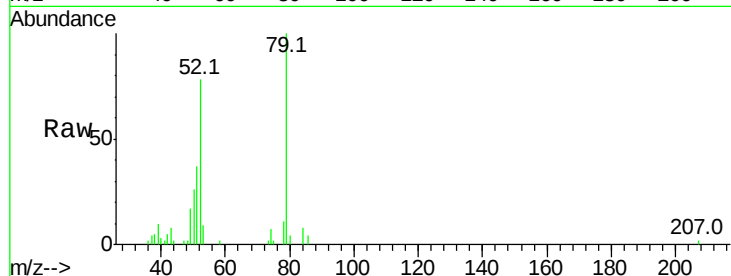
Tot Ion: 79 Resp: 148351

Ion Ratio Lower Upper

79 100

52 78.0 60.7 91.1

51 37.4 27.9 41.9



#4

n-Nitrosodimethylamine

Concen: 12.95 ng

RT: 2.78 min Scan# 69

Delta R.T. -0.05 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

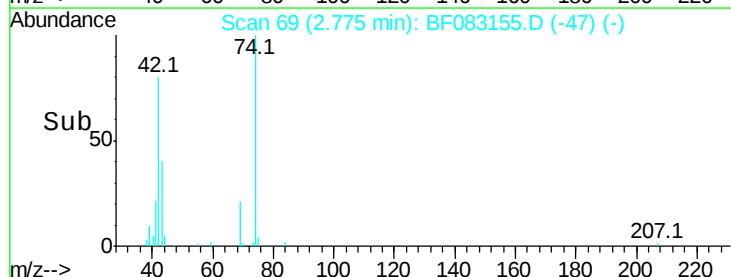
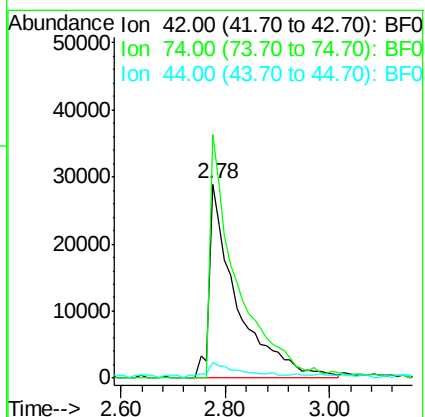
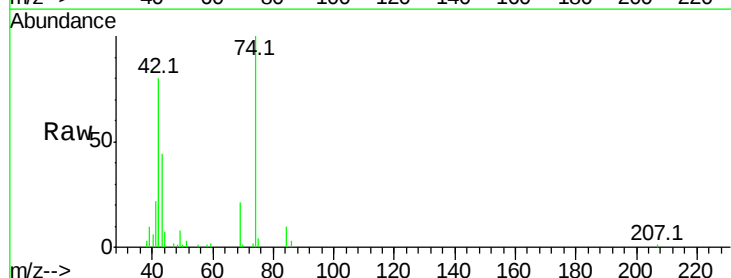
Tgt Ion: 42 Resp: 106294

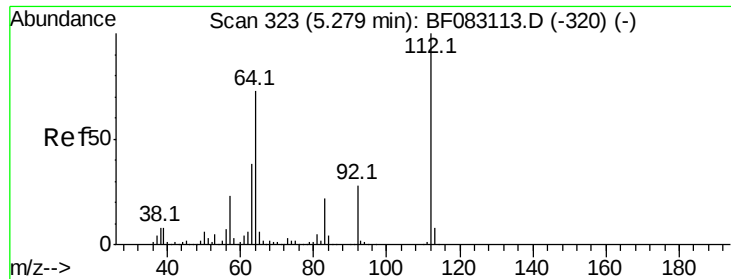
Ion Ratio Lower Upper

42 100

74 125.7 104.8 157.2

44 8.4 6.2 9.4





#5

2-Fluorophenol

Concen: 69.02 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

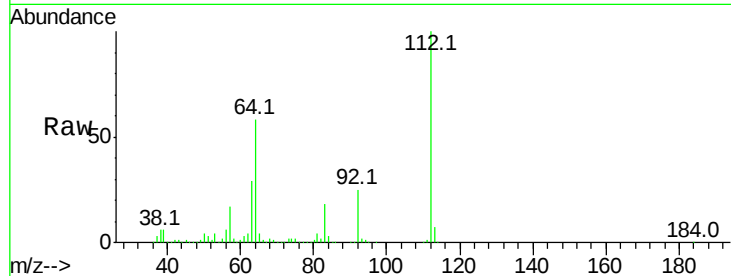
Tot Ion:112 Resp: 939224

Ion Ratio Lower Upper

112 100

64 58.5 58.4 87.6

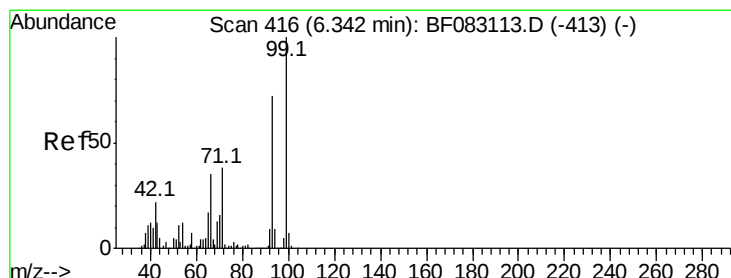
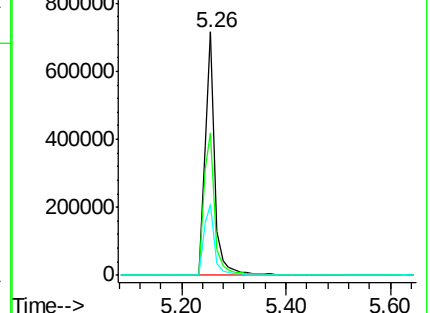
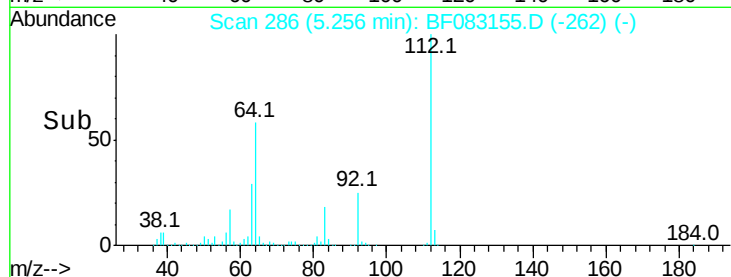
63 28.9 30.0 45.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.18 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

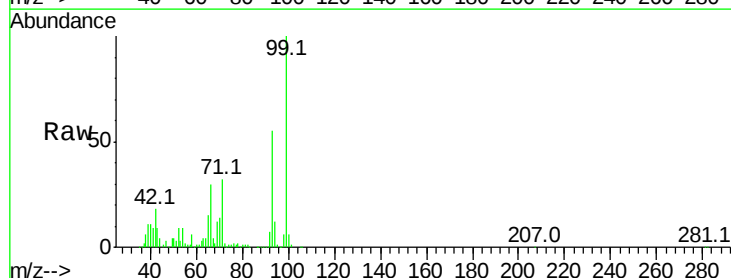
Tgt Ion: 93 Resp: 477310

Ion Ratio Lower Upper

93 100

66 54.7 38.7 58.1

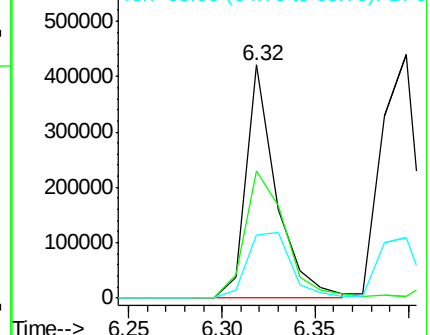
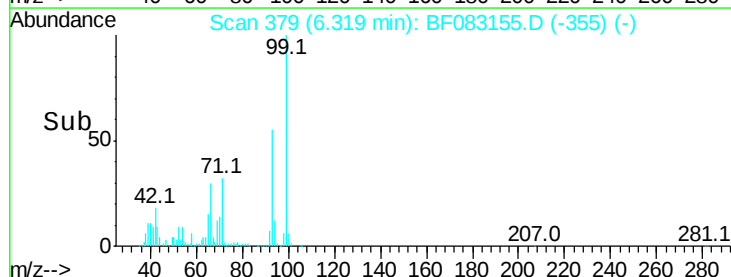
65 27.0 18.6 27.8

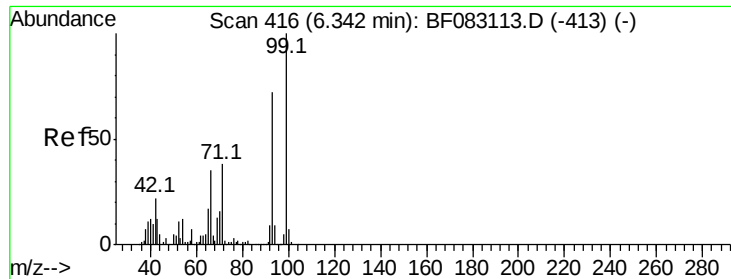


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 48.42 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

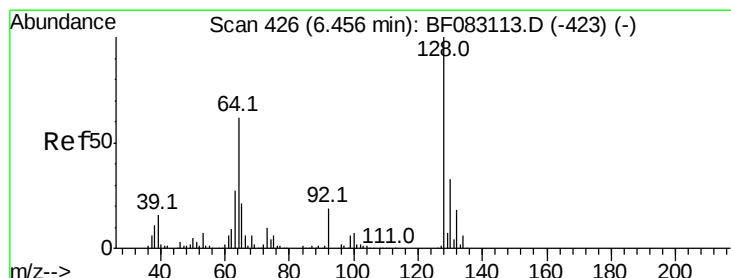
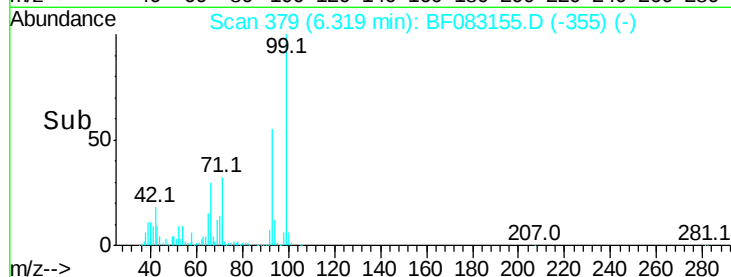
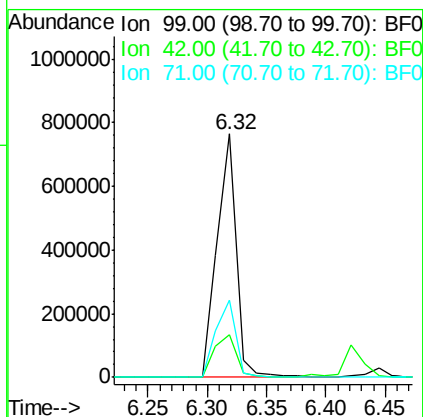
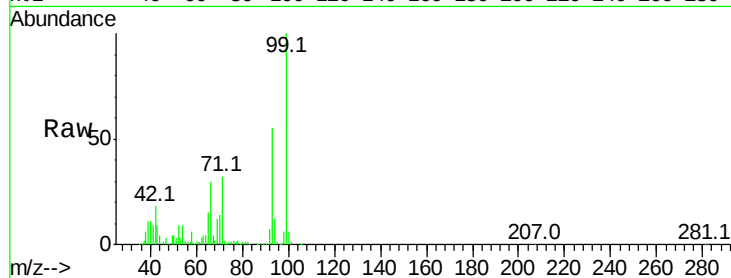
BNA_F

ClientSampleId :

MW-02MS

Tot Ion: 99 Resp: 852468

Ion	Ratio	Lower	Upper
99	100		
42	17.6	17.7	26.5#
71	31.7	30.2	45.4



#8

2-Chlorophenol

Concen: 34.18 ng

RT: 6.44 min Scan# 390

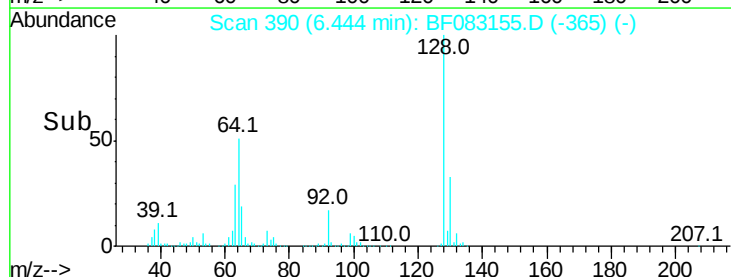
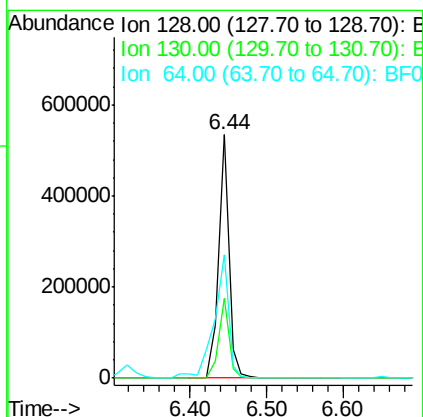
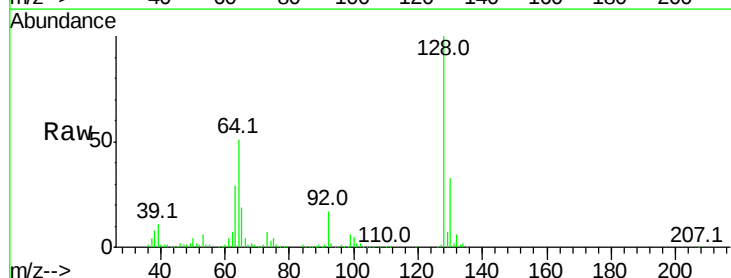
Delta R.T. -0.01 min

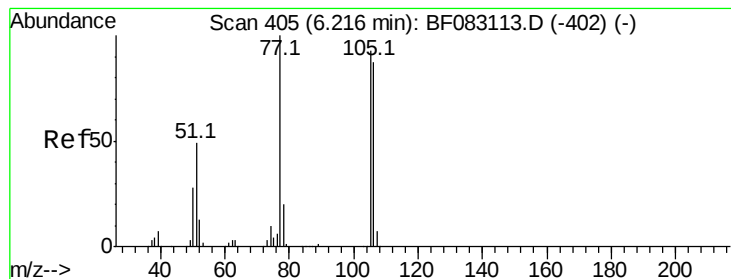
Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Tgt Ion: 128 Resp: 502431

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	50.7	41.9	81.9





#9

Benzaldehyde

Concen: 43.93 ng

RT: 6.19 min Scan# 368

Delta R.T. -0.02 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

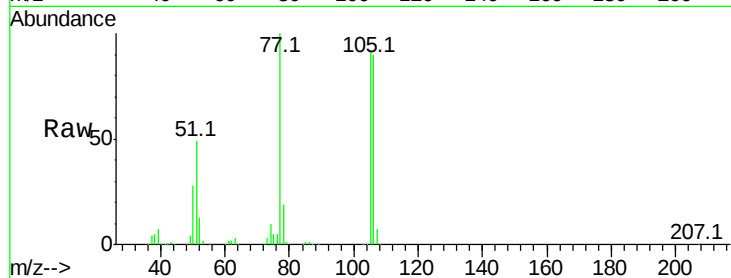
Tot Ion: 77 Resp: 376741

Ion Ratio Lower Upper

77 100

105 92.2 73.4 113.4

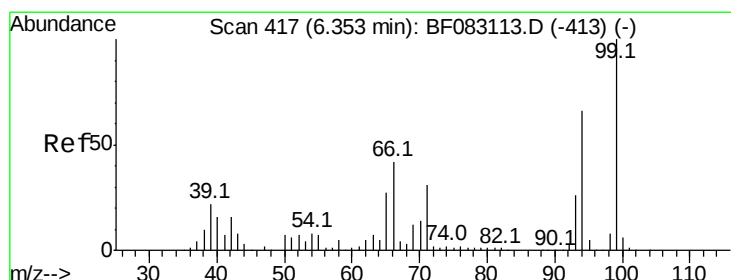
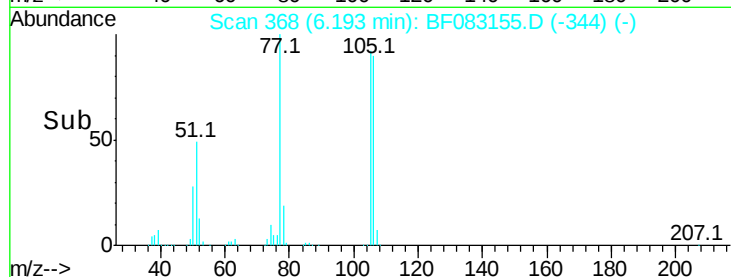
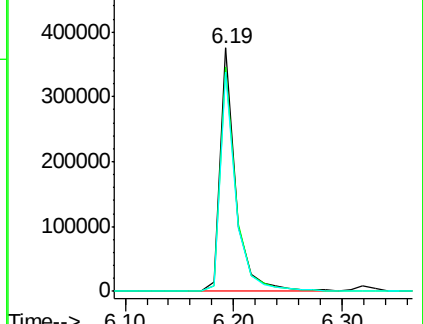
106 89.9 67.5 107.5



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: 16.68 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

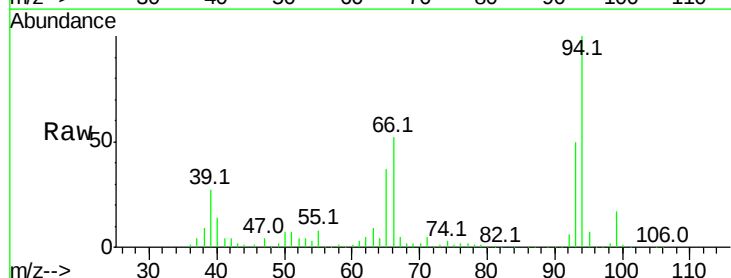
Tgt Ion: 94 Resp: 355262

Ion Ratio Lower Upper

94 100

65 37.3 21.1 61.1

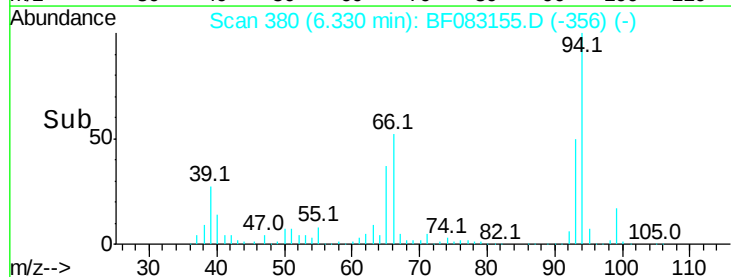
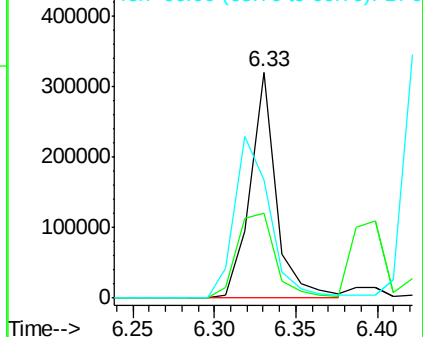
66 52.4 43.1 83.1

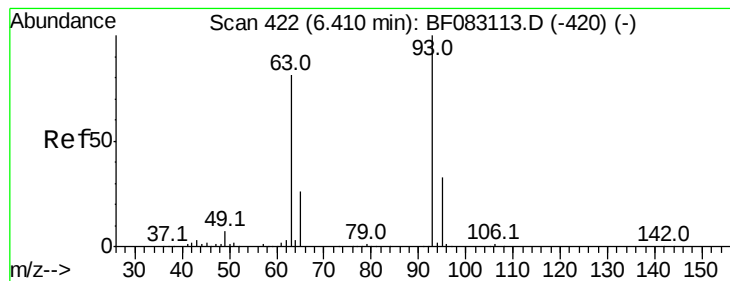


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.05 ng

RT: 6.40 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

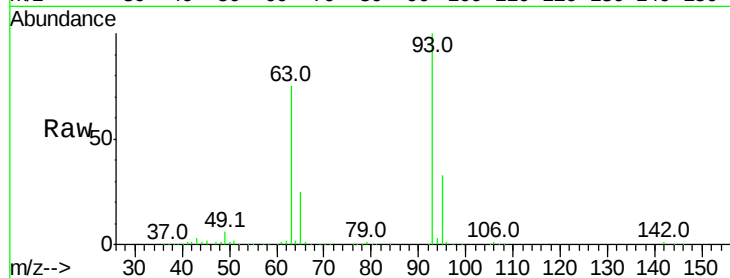
Tot Ion: 93 Resp: 578677

Ion Ratio Lower Upper

93 100

63 74.6 59.8 99.8

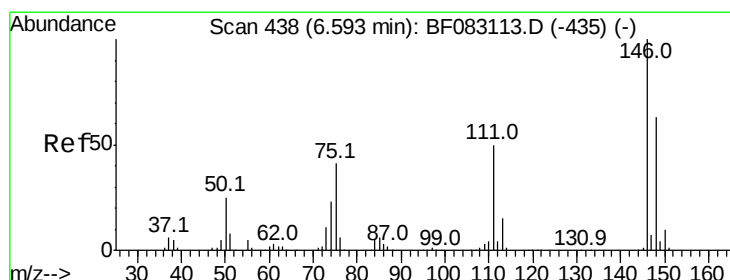
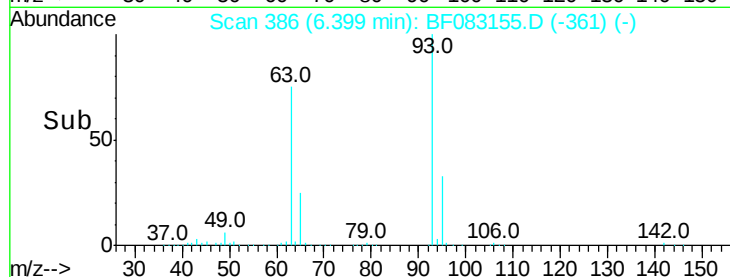
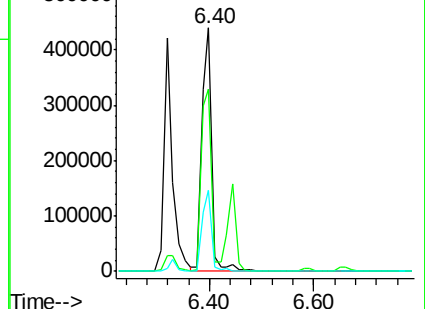
95 33.3 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 28.88 ng

RT: 6.82 min Scan# 423

Delta R.T. 0.23 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

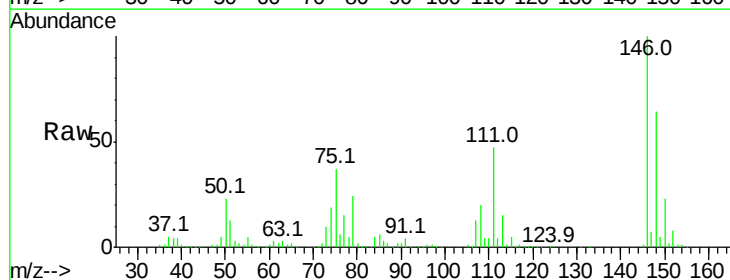
Tgt Ion: 146 Resp: 484705

Ion Ratio Lower Upper

146 100

148 64.2 50.2 75.2

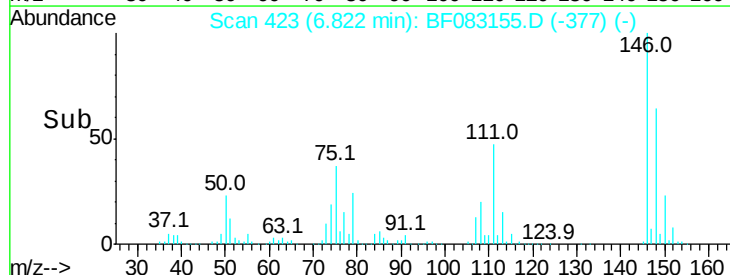
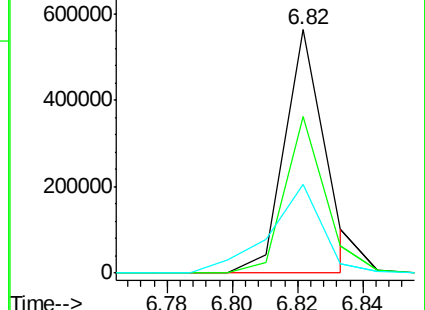
75 36.6 32.7 49.1

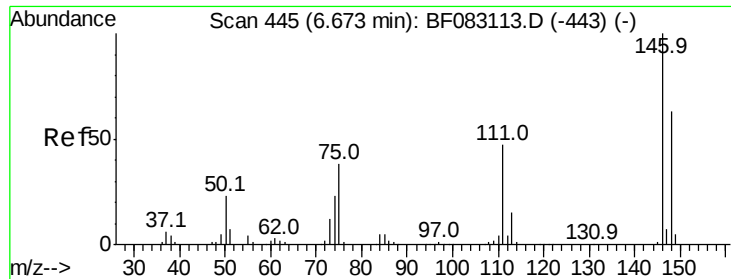


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

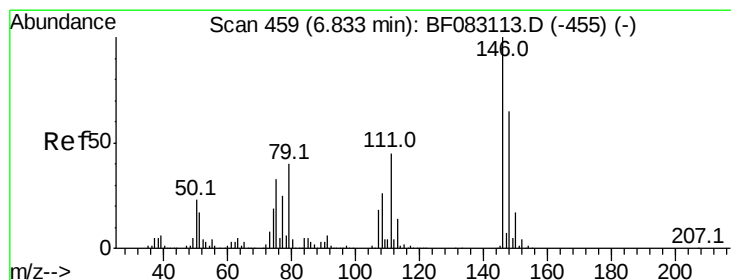
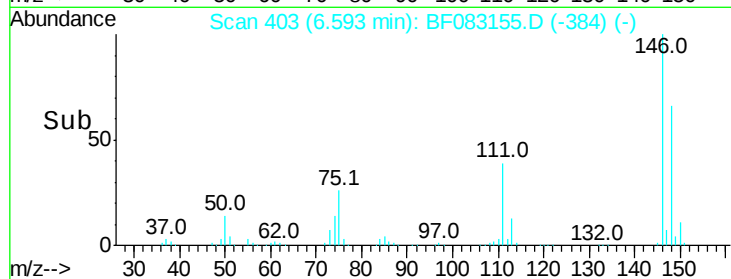
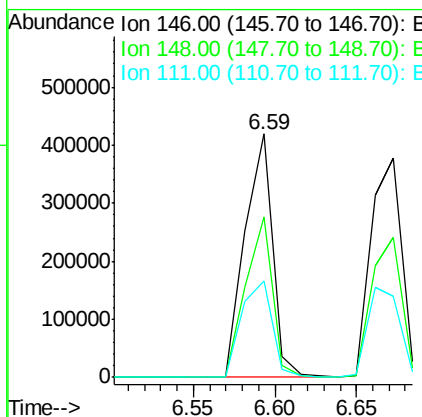
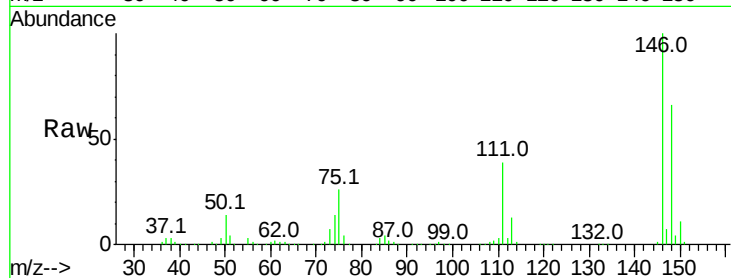




#13
 1,4-Dichlorobenzene
 Concen: 29.00 ng
 RT: 6.59 min Scan# 403
 Delta R.T. -0.08 min
 Lab File: BF083155.D
 Acq: 22 Nov 2015 13:21

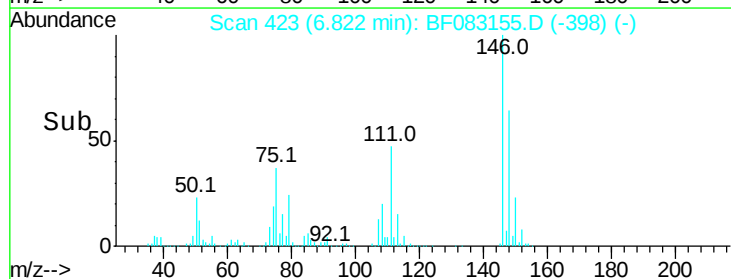
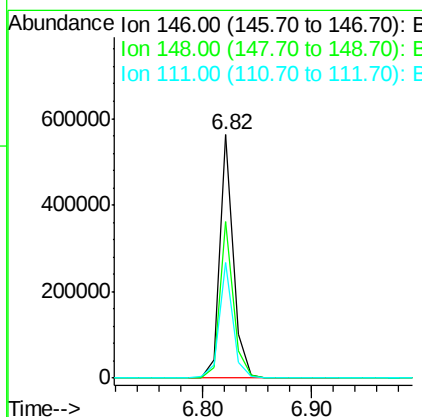
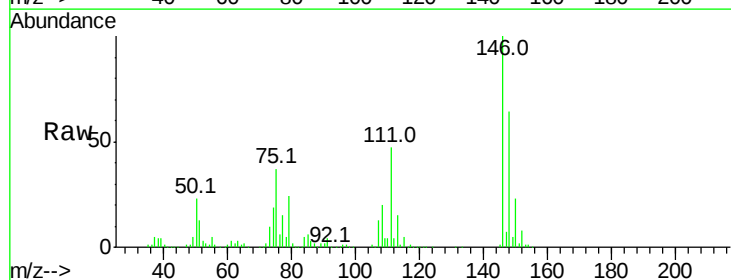
Instrument :
 BNA_F
 ClientSampled :
 MW-02MS

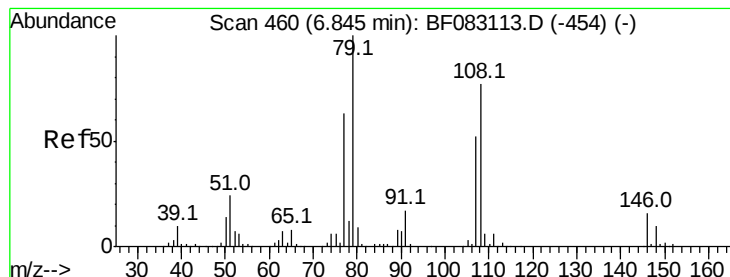
Tot Ion:146 Resp: 492430
 Ion Ratio Lower Upper
 146 100
 148 66.0 50.2 75.2
 111 39.5 37.5 56.3



#14
 1,2-Dichlorobenzene
 Concen: 31.94 ng
 RT: 6.82 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF083155.D
 Acq: 22 Nov 2015 13:21

Tgt Ion:146 Resp: 492936
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.8 77.6
 111 47.4 36.2 54.4





#15

Benzyl Alcohol

Concen: 21.47 ng

RT: 6.81 min Scan# 422

Delta R.T. -0.03 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

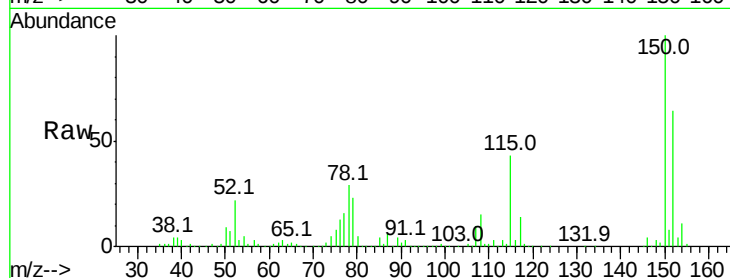
Tot Ion: 79 Resp: 315904

Ion Ratio Lower Upper

79 100

108 65.4 61.4 92.2

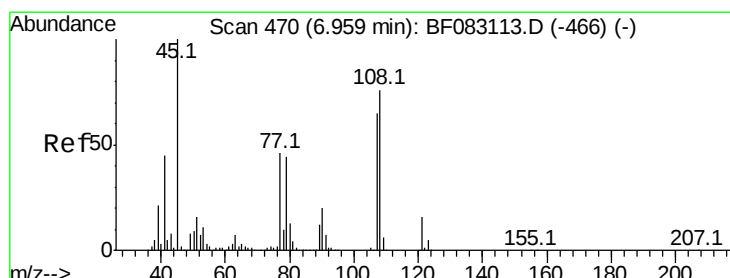
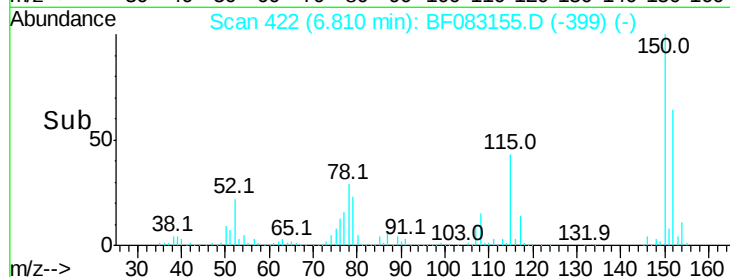
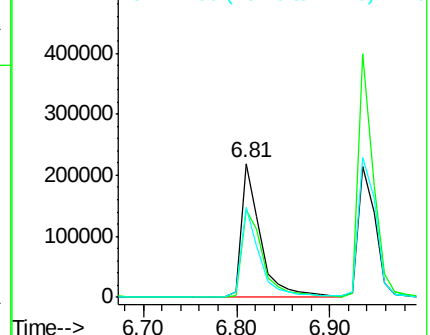
77 67.1 50.5 75.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.87 ng

RT: 6.95 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

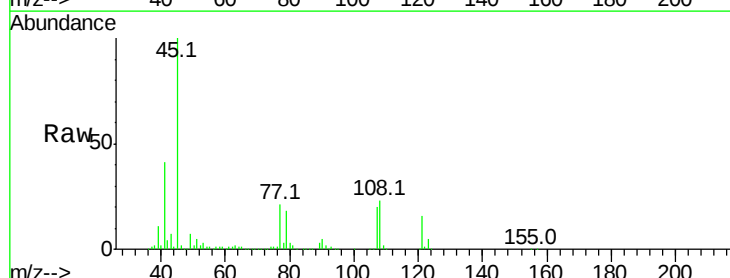
Tgt Ion: 45 Resp: 969254

Ion Ratio Lower Upper

45 100

77 20.8 26.7 66.7#

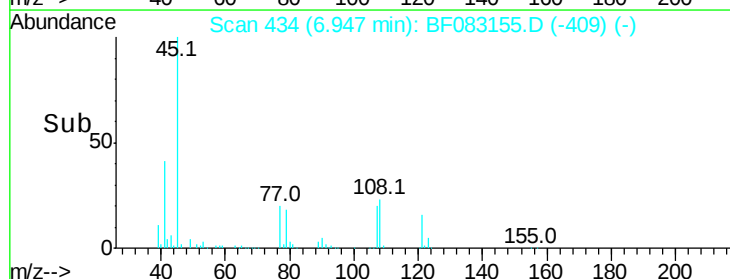
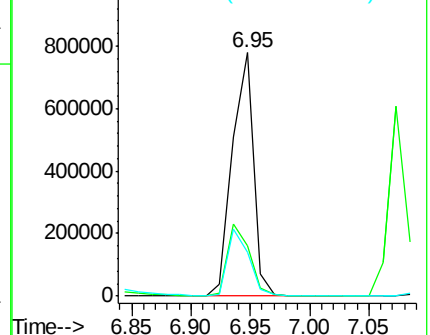
79 17.8 24.3 64.3#

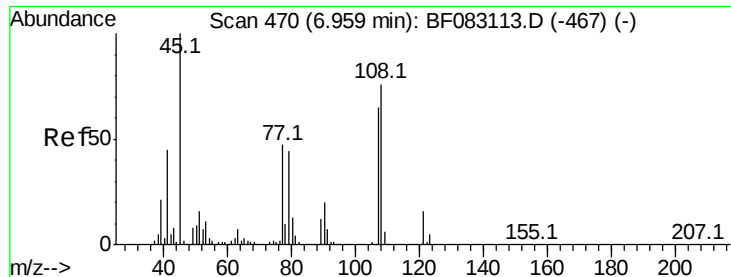


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 31.32 ng

RT: 6.94 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

Tot Ion:107 Resp: 381029

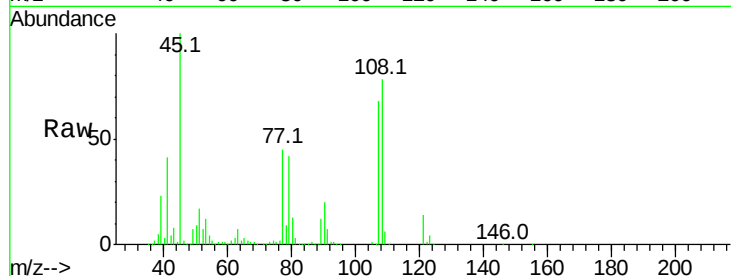
Ion Ratio Lower Upper

107 100

108 115.8 93.8 140.6

77 66.7 57.4 86.0

79 62.0 54.4 81.6

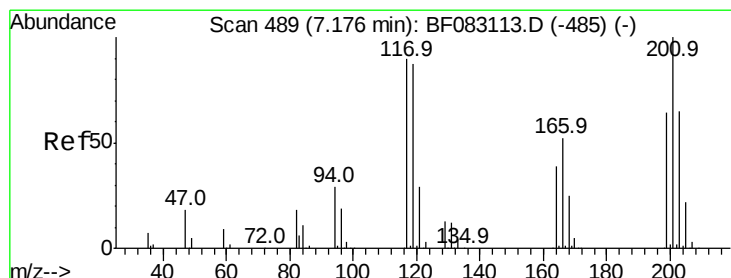
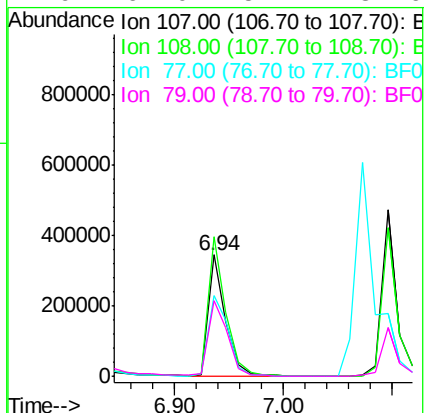
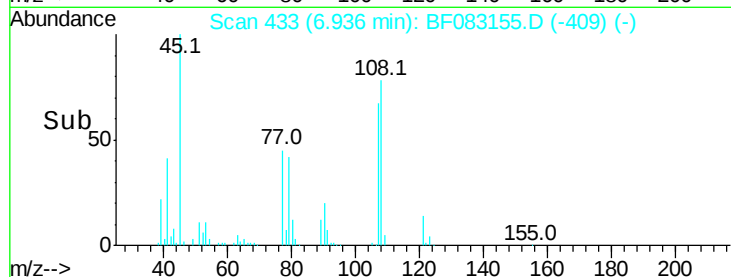


Abundance Ion 107.00 (106.70 to 107.70): E

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: 29.54 ng

RT: 7.16 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

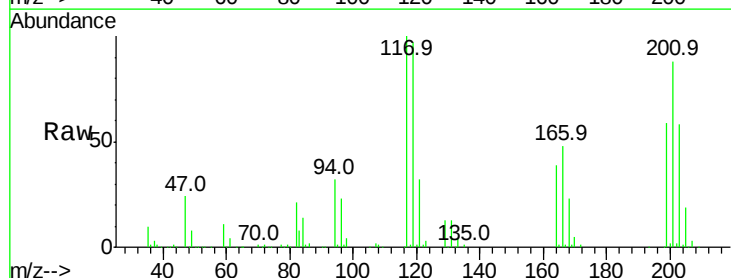
Tgt Ion:117 Resp: 176656

Ion Ratio Lower Upper

117 100

119 97.2 76.8 115.2

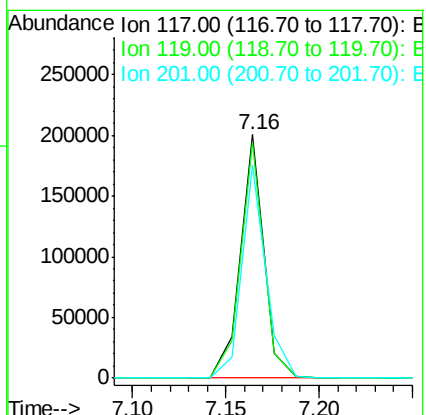
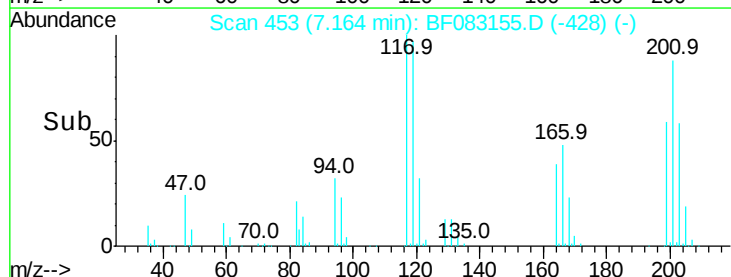
201 87.6 88.6 133.0#

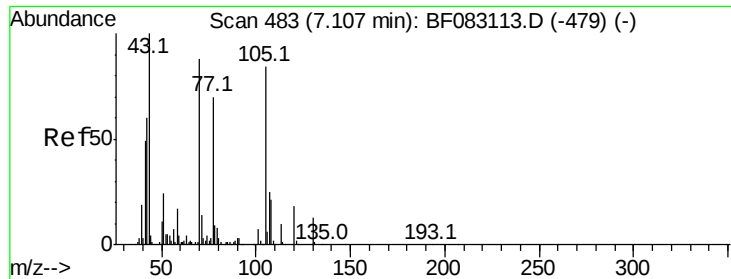


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

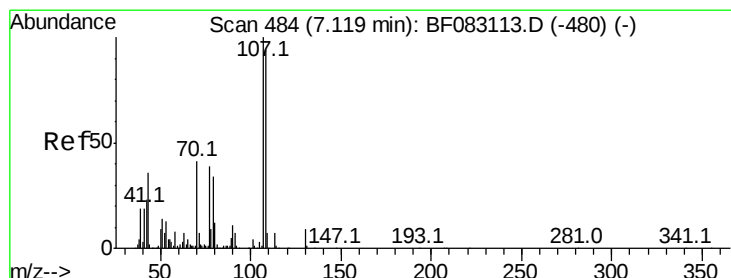
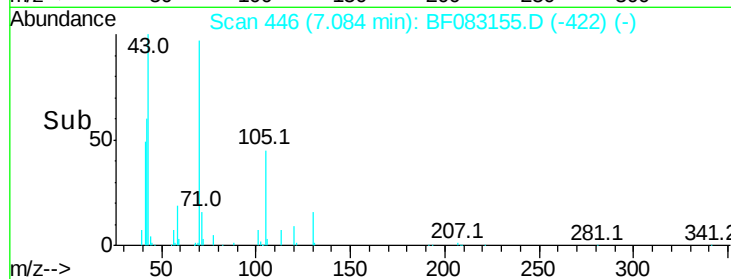
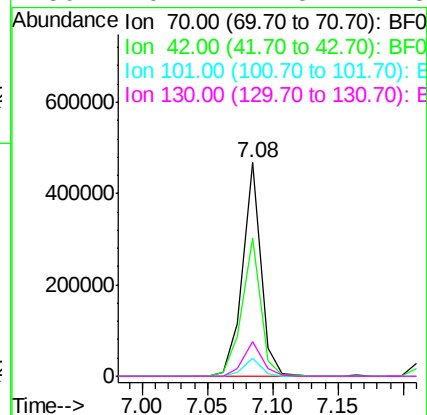
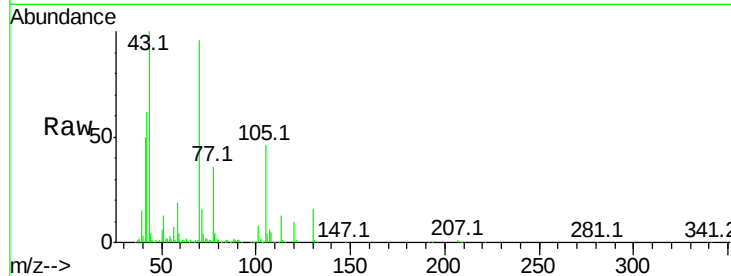




#19
n-Nitroso-di-n-propylamine
Concen: 37.09 ng
RT: 7.08 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF083155.D
Acq: 22 Nov 2015 13:21

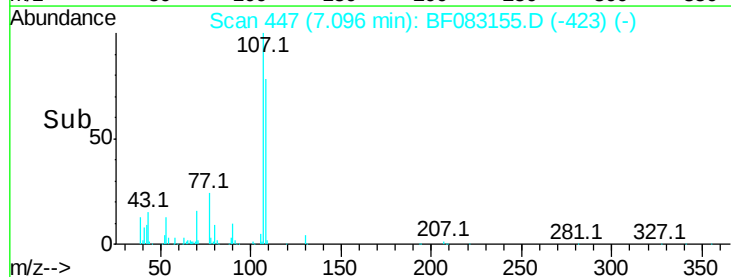
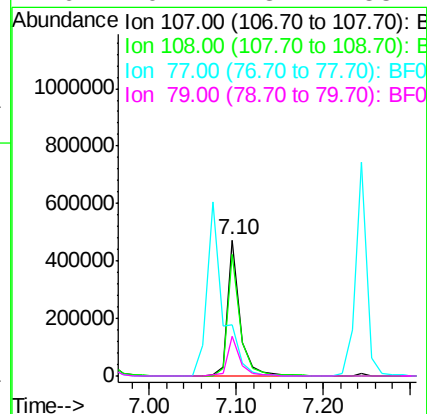
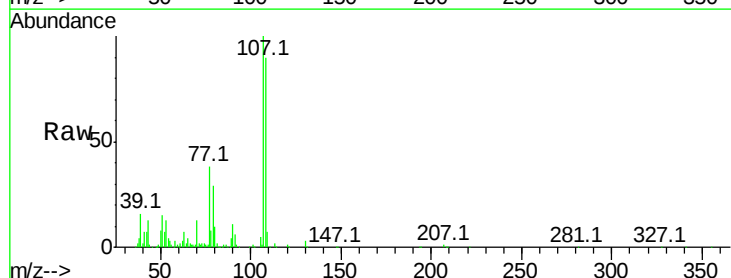
Instrument :
BNA_F
ClientSampleId :
MW-02MS

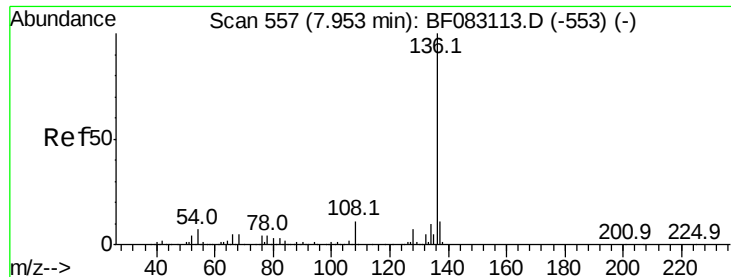
Tot Ion: 70 Resp: 454443
Ion Ratio Lower Upper
70 100
42 64.7 54.5 81.7
101 8.3 6.6 9.8
130 16.2 11.5 17.3



#20
3+4-Methylphenols
Concen: 30.32 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF083155.D
Acq: 22 Nov 2015 13:21

Tgt Ion:107 Resp: 466216
Ion Ratio Lower Upper
107 100
108 89.5 73.8 113.8
77 38.1 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: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

Tot Ion:136 Resp: 808879

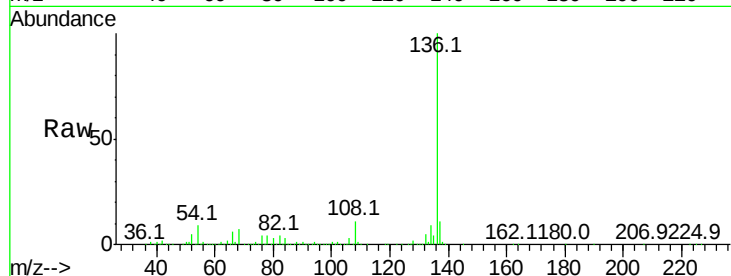
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 9.3 5.8 8.6#

68 6.8 3.8 5.8#

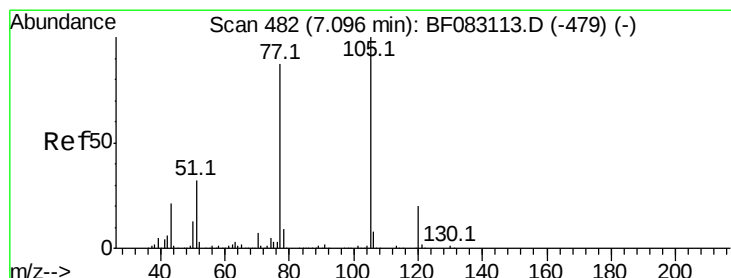
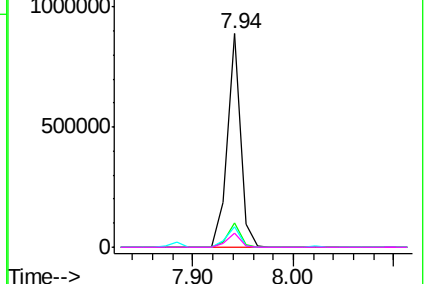
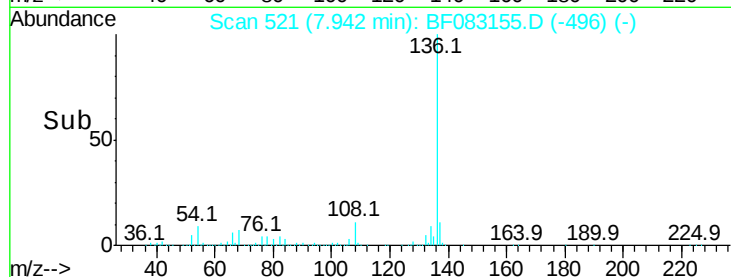


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.79 ng

RT: 7.07 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Tgt Ion:105 Resp: 761499

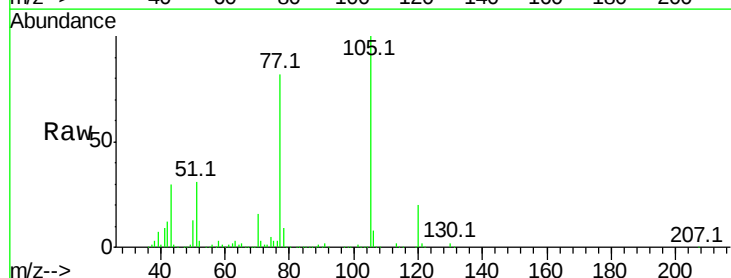
Ion Ratio Lower Upper

105 100

71 2.6 1.0 1.4#

51 30.9 25.6 38.4

120 20.4 15.8 23.6

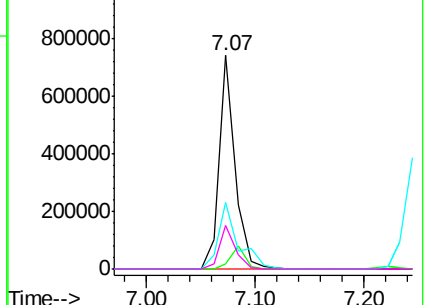
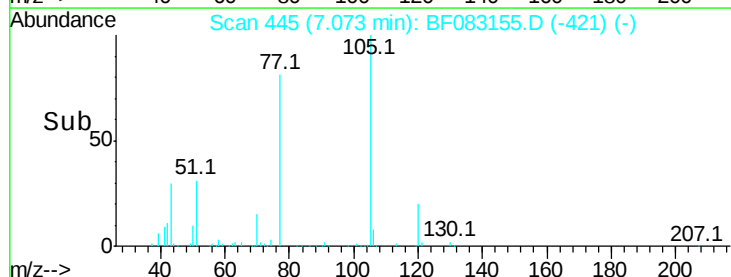


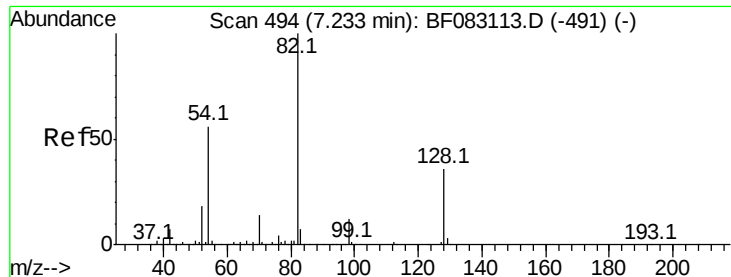
Abundance Ion 105.00 (104.70 to 105.70): E

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

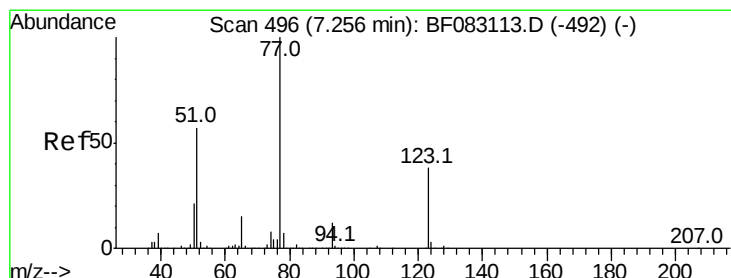
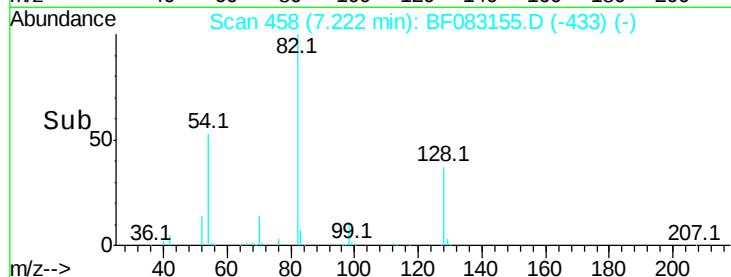
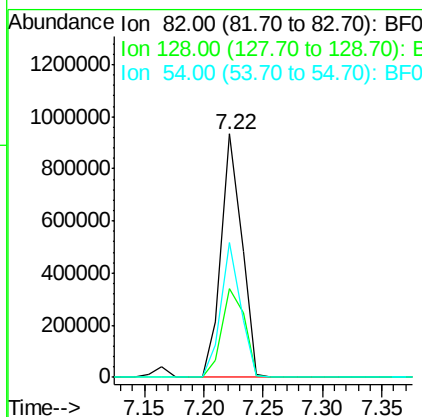
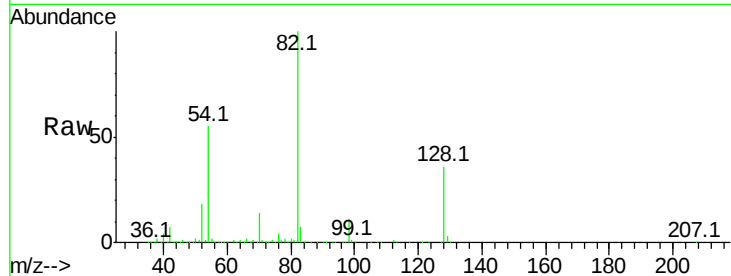




#23
 Nitrobenzene-d5
 Concen: 63.85 ng
 RT: 7.22 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF083155.D
 Acq: 22 Nov 2015 13:21

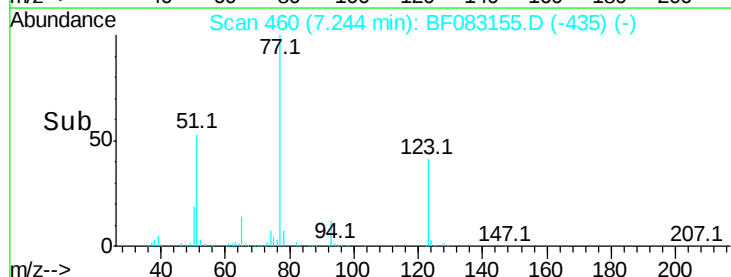
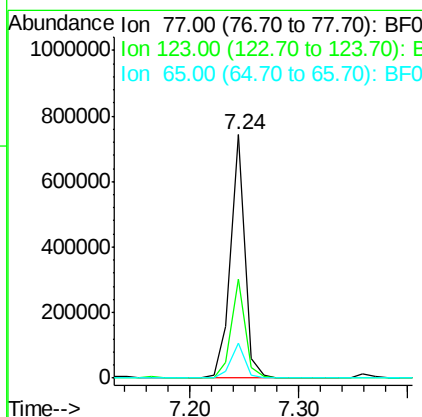
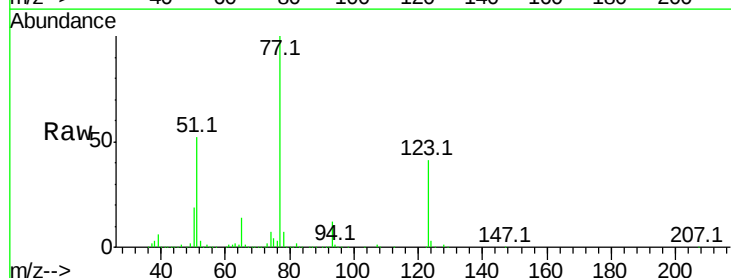
Instrument :
 BNA_F
 ClientSampleId :
 MW-02MS

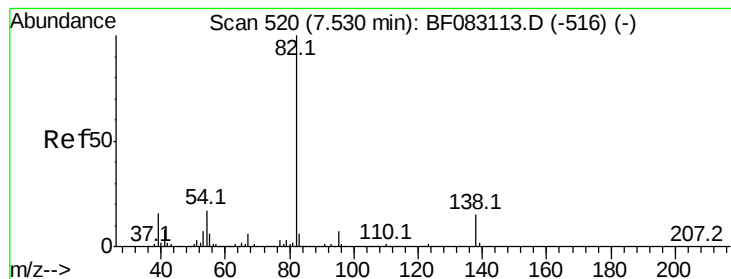
Tot Ion: 82 Resp: 1130349
 Ion Ratio Lower Upper
 82 100
 128 36.5 28.5 42.7
 54 55.3 44.6 67.0



#24
 Nitrobenzene
 Concen: 35.68 ng
 RT: 7.24 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF083155.D
 Acq: 22 Nov 2015 13:21

Tgt Ion: 77 Resp: 674882
 Ion Ratio Lower Upper
 77 100
 123 40.8 30.1 45.1
 65 14.1 11.6 17.4





#25

Isophorone

Concen: 34.17 ng

RT: 7.50 min Scan# 482

Delta R.T. -0.03 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

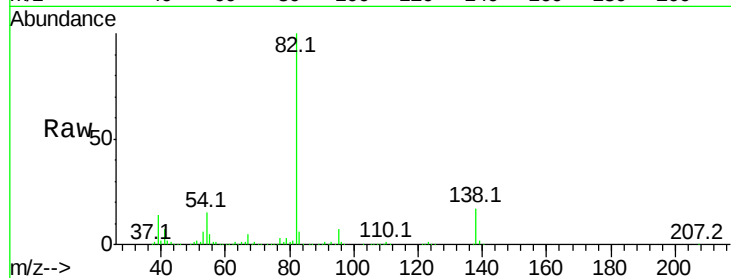
Tot Ion: 82 Resp: 1145355

Ion Ratio Lower Upper

82 100

95 6.7 5.8 8.8

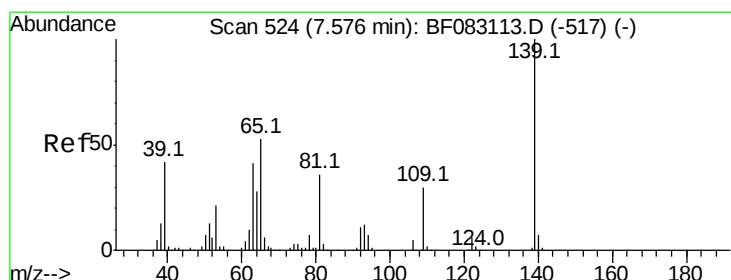
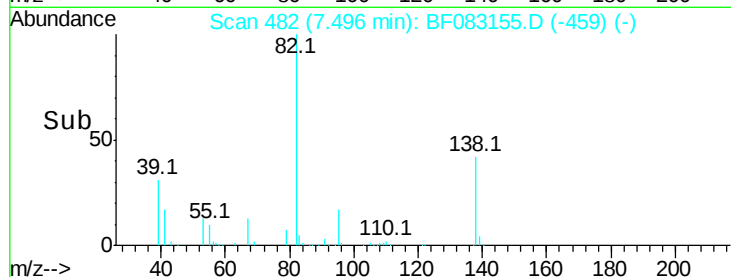
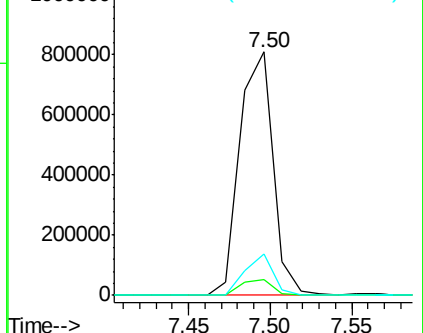
138 16.9 11.6 17.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 32.33 ng

RT: 7.56 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

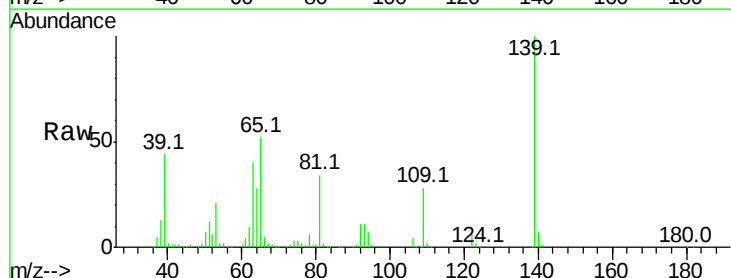
Tgt Ion: 139 Resp: 269987

Ion Ratio Lower Upper

139 100

109 27.7 23.9 35.9

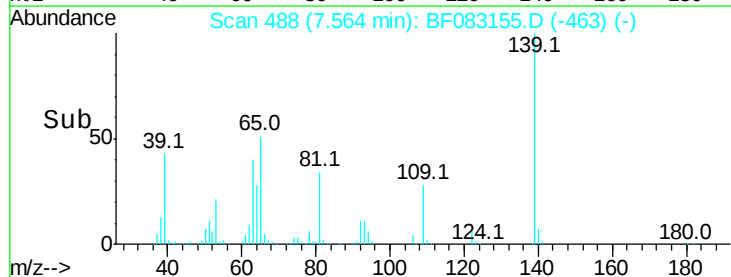
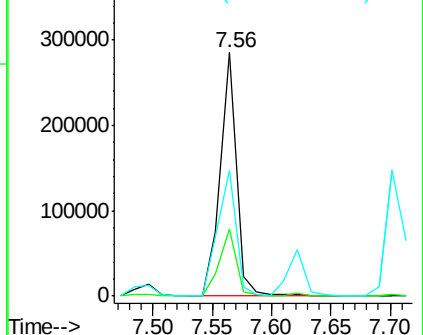
65 51.6 42.7 64.1

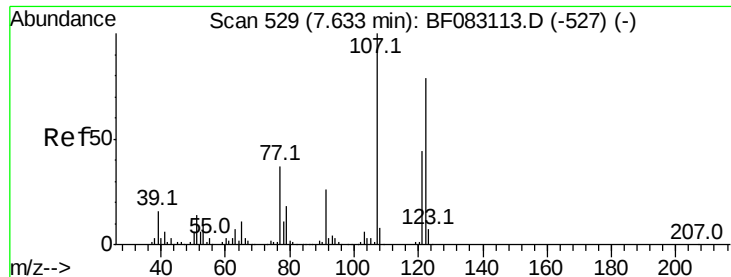


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.28 ng

RT: 7.62 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

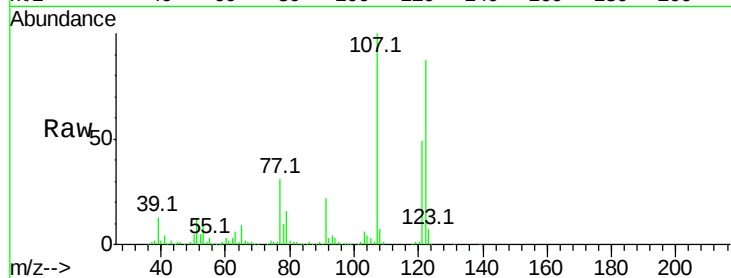
Tot Ion:122 Resp: 496840

Ion Ratio Lower Upper

122 100

107 115.5 101.1 151.7

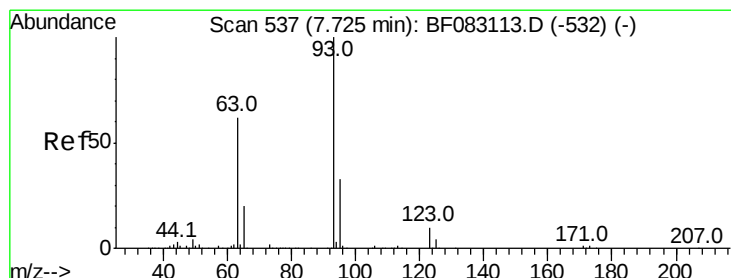
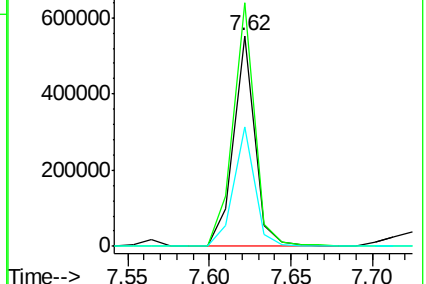
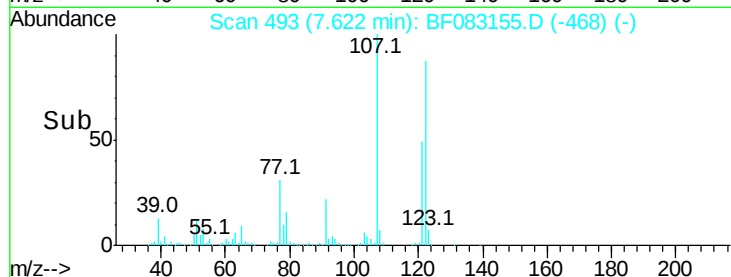
121 56.5 44.9 67.3



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: 33.76 ng

RT: 7.70 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

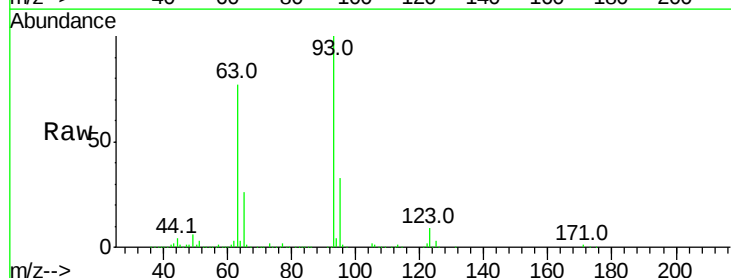
Tgt Ion: 93 Resp: 657921

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

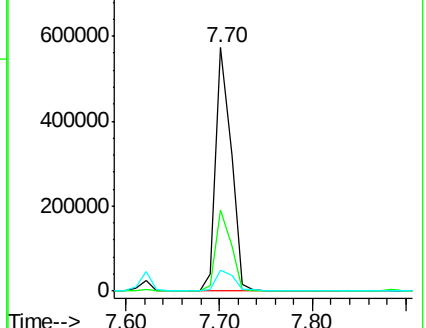
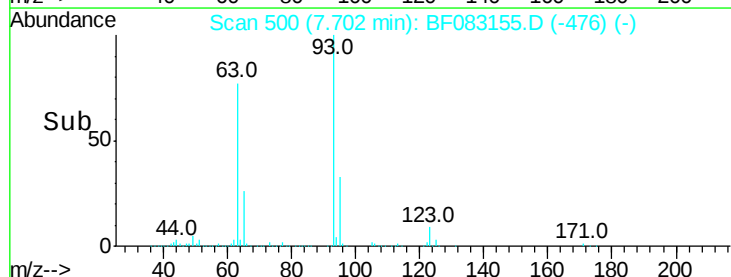
123 8.6 8.1 12.1

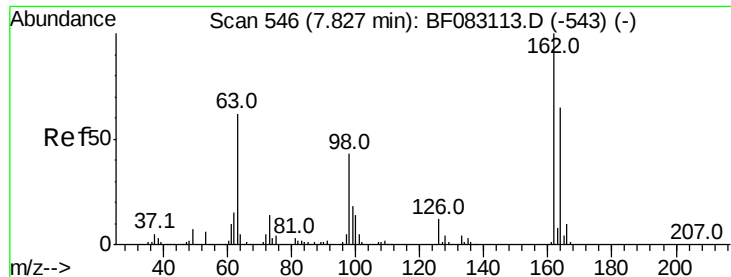


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 35.66 ng

RT: 7.82 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

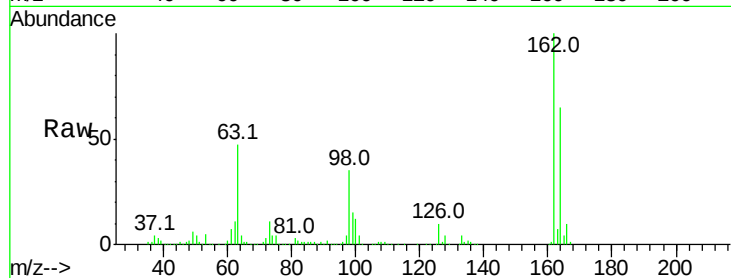
Tot Ion:162 Resp: 451930

Ion Ratio Lower Upper

162 100

164 64.6 44.8 84.8

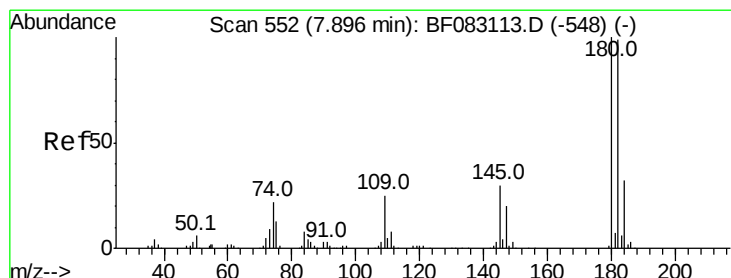
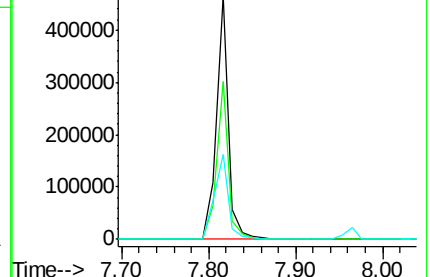
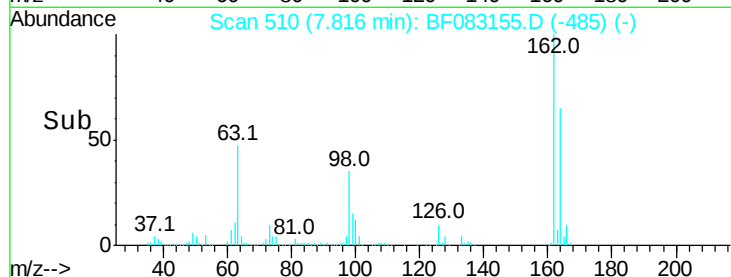
98 35.0 23.1 63.1



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: 31.40 ng

RT: 7.88 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

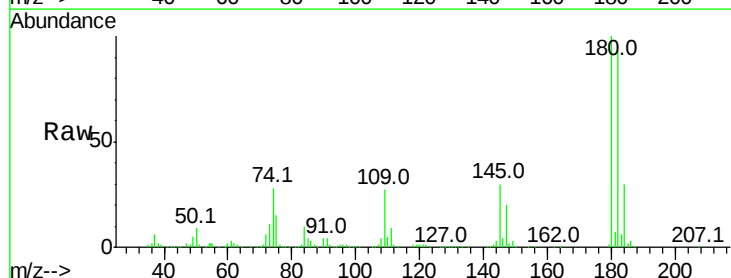
Tgt Ion:180 Resp: 437113

Ion Ratio Lower Upper

180 100

182 93.0 79.0 118.6

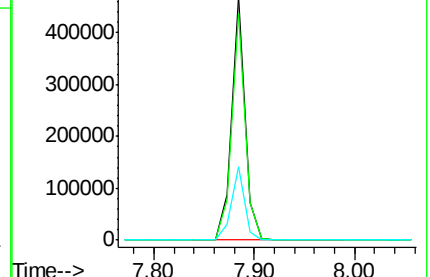
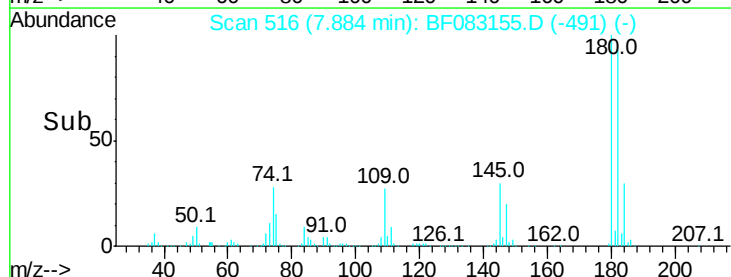
145 30.0 24.2 36.2

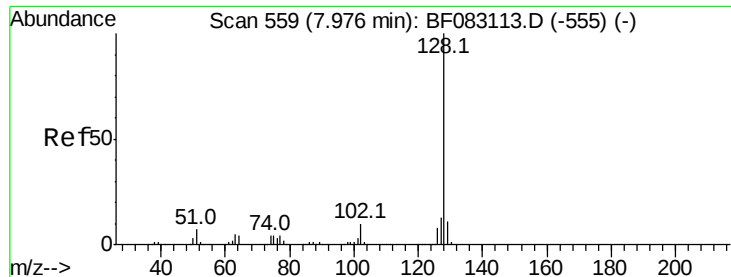


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

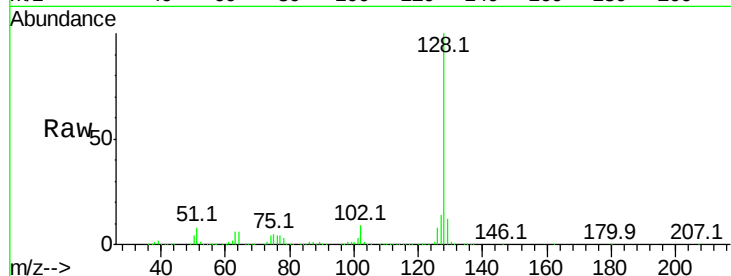




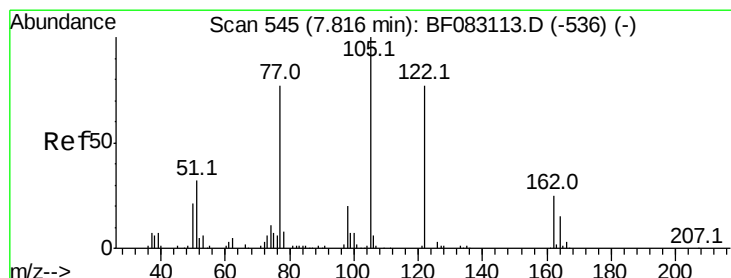
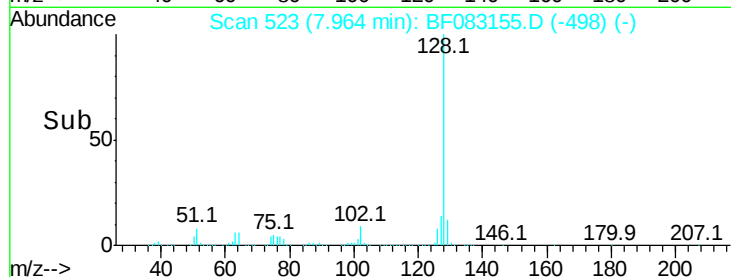
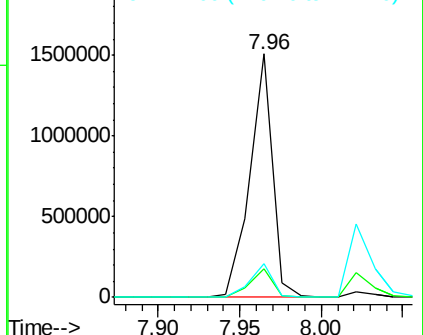
#31
Naphthalene
Concen: 33.30 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083155.D
Acq: 22 Nov 2015 13:21

Instrument :
BNA_F
ClientSampleId :
MW-02MS

Tot Ion:128 Resp: 1453625
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.7 10.6 15.8

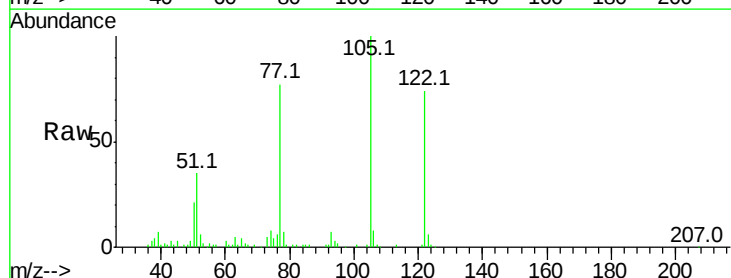


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

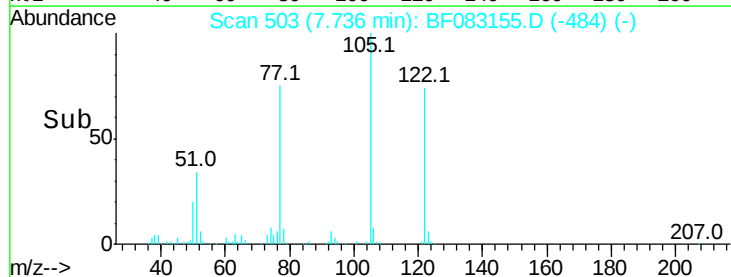
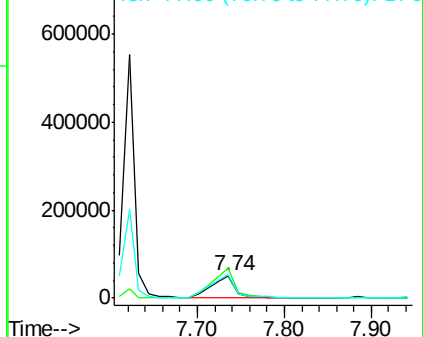


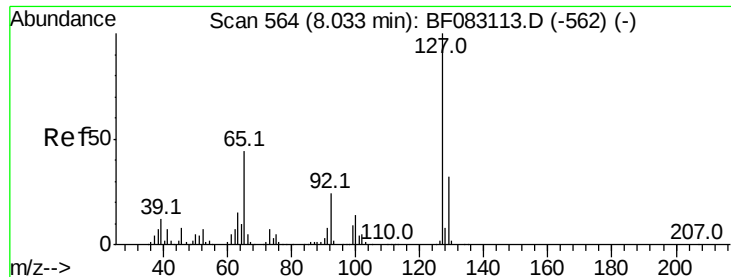
#32
Benzoic acid
Concen: 9.44 ng
RT: 7.74 min Scan# 503
Delta R.T. -0.08 min
Lab File: BF083155.D
Acq: 22 Nov 2015 13:21

Tgt Ion:122 Resp: 97780
Ion Ratio Lower Upper
122 100
105 134.6 109.7 149.7
77 103.7 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

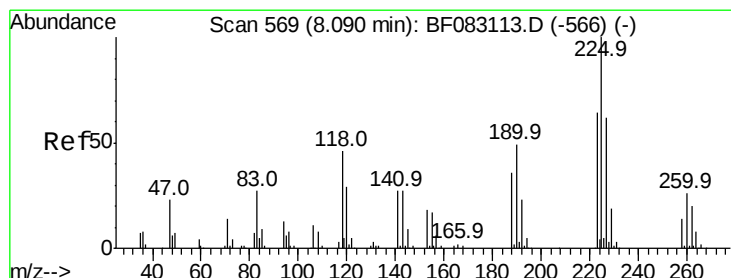
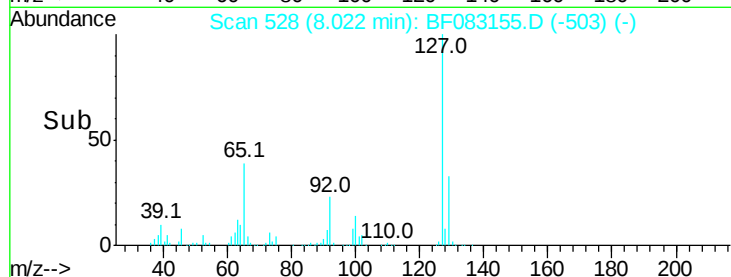
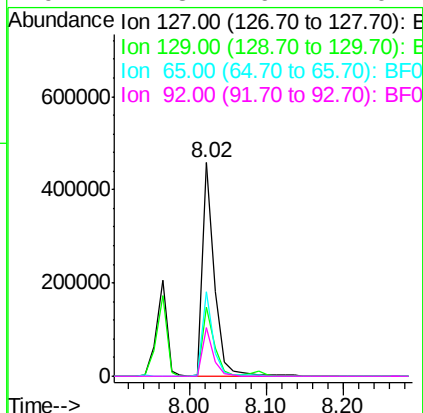
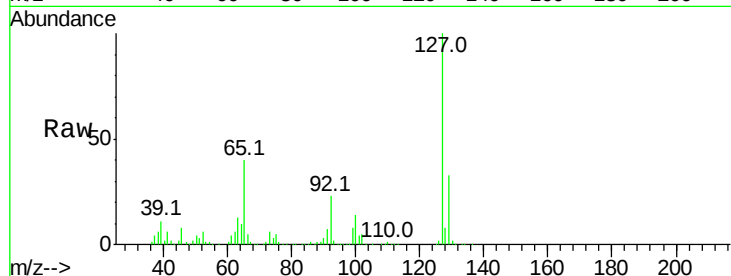




#33
4-Chloroaniline
Concen: 28.66 ng
RT: 8.02 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF083155.D
Acq: 22 Nov 2015 13:21

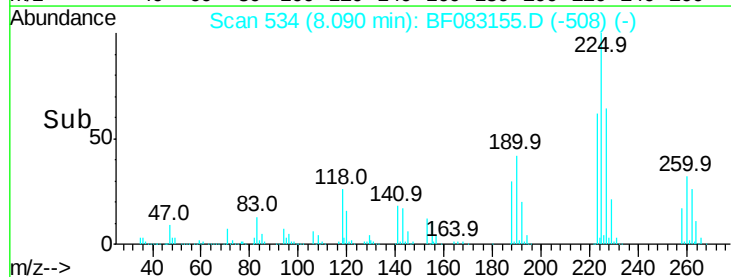
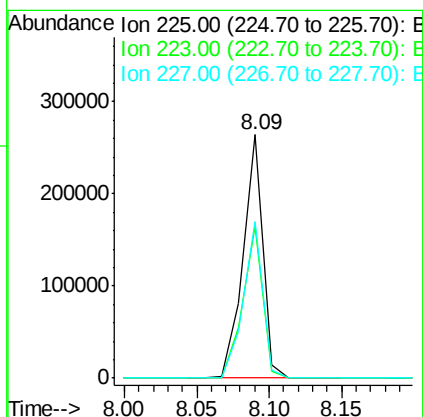
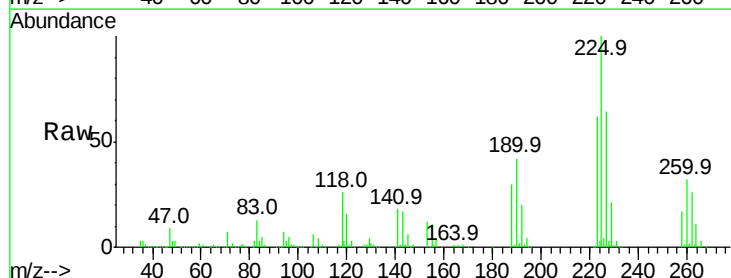
Instrument :
BNA_F
ClientSampleId :
MW-02MS

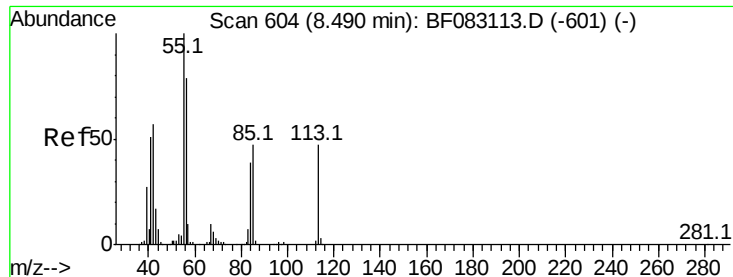
Tot Ion:	127	Resp:	485386
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.7	38.5
65	39.6	35.5	53.3
92	22.8	19.4	29.2



#34
Hexachlorobutadiene
Concen: 30.18 ng
RT: 8.09 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF083155.D
Acq: 22 Nov 2015 13:21

Tgt Ion:	225	Resp:	248315
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.3	76.9
227	64.3	49.8	74.8

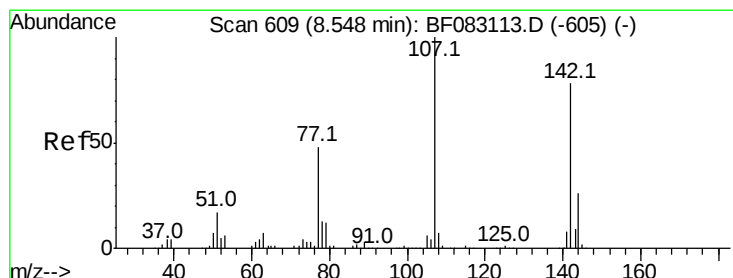
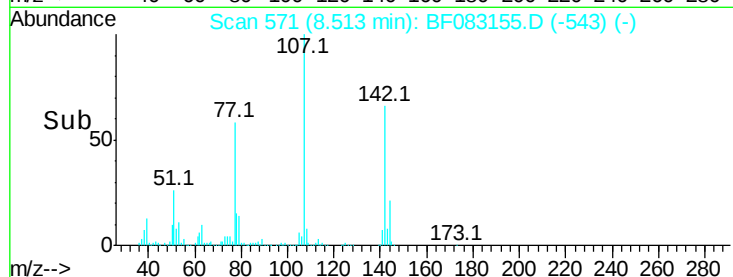
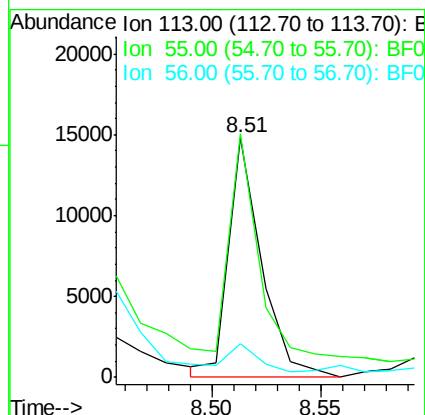
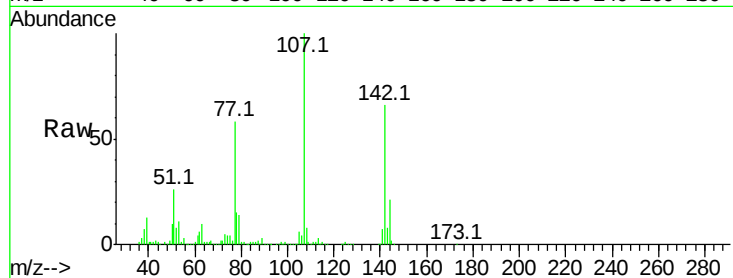




#35
Caprolactam
Concen: 3.82 ng
RT: 8.51 min Scan# 571
Delta R.T. 0.02 min
Lab File: BF083155.D
Acq: 22 Nov 2015 13:21

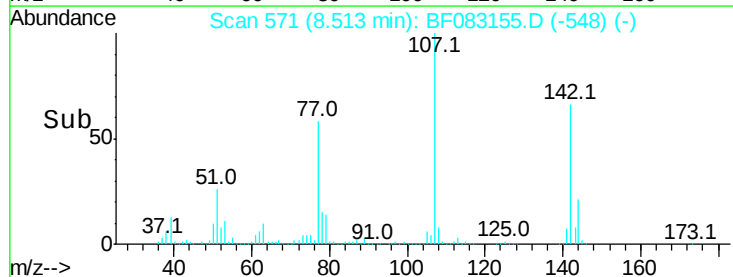
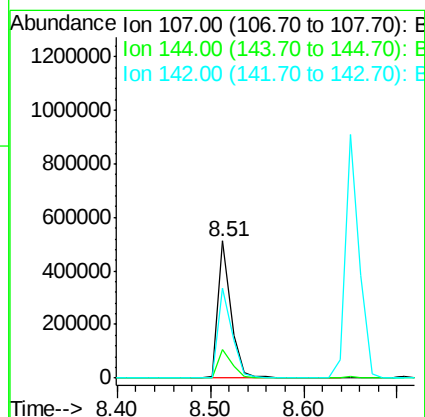
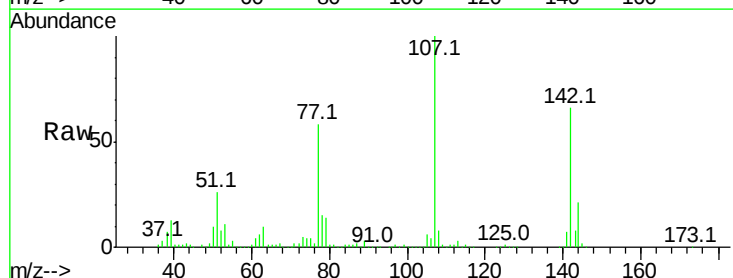
Instrument :
BNA_F
ClientSampleId :
MW-02MS

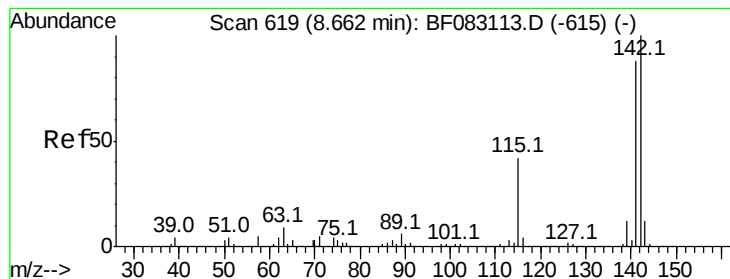
Tot Ion:113 Resp: 15530
Ion Ratio Lower Upper
113 100
55 101.6 192.6 232.6#
56 14.0 148.6 188.6#



#36
4-Chloro-3-methylphenol
Concen: 33.43 ng
RT: 8.51 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF083155.D
Acq: 22 Nov 2015 13:21

Tgt Ion:107 Resp: 490761
Ion Ratio Lower Upper
107 100
144 20.8 20.8 31.2#
142 66.1 62.1 93.1





#37

2-Methylnaphthalene

Concen: 33.29 ng

RT: 8.65 min Scan# 583

Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

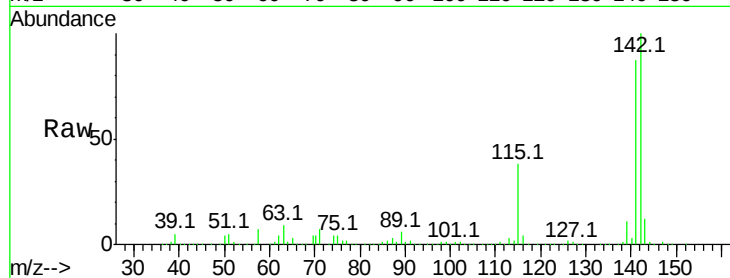
Tot Ion:142 Resp: 943146

Ion Ratio Lower Upper

142 100

141 87.0 70.3 105.5

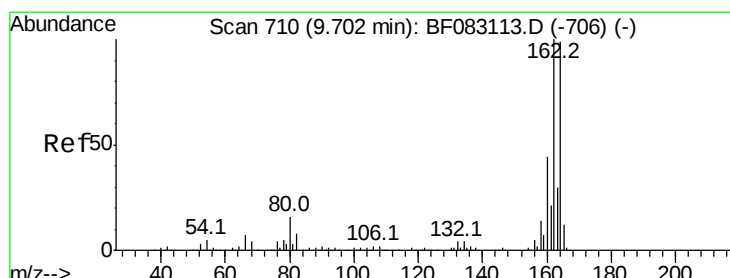
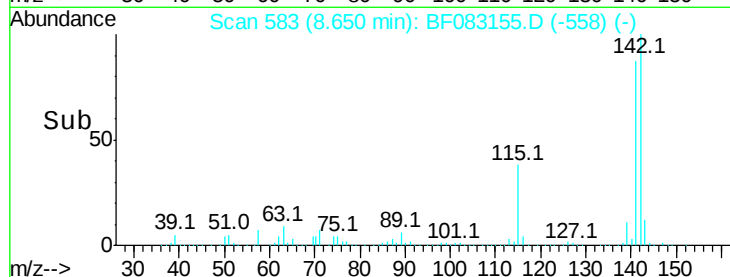
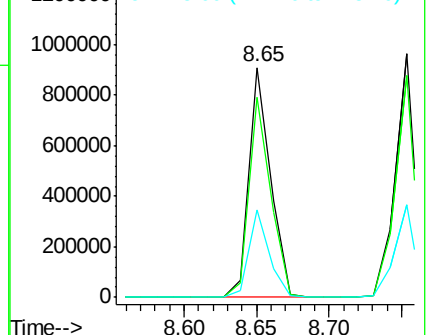
115 38.0 33.4 50.2



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: BF083155.D

Acq: 22 Nov 2015 13:21

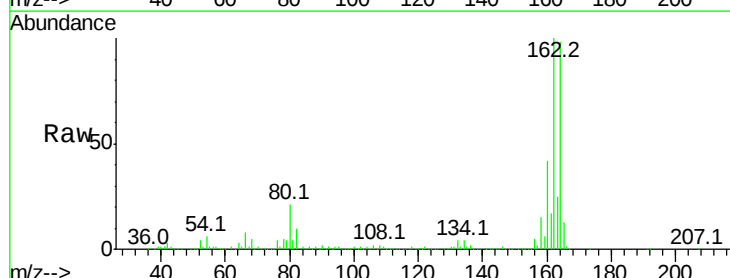
Tgt Ion:164 Resp: 410023

Ion Ratio Lower Upper

164 100

162 101.8 81.2 121.8

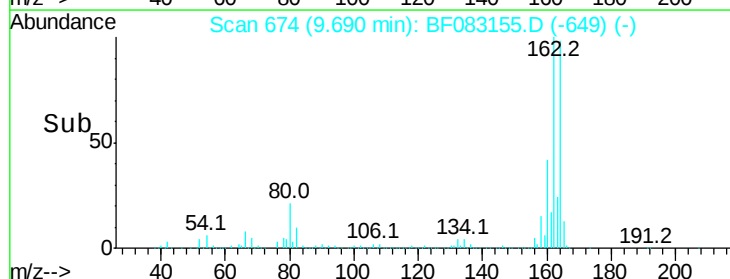
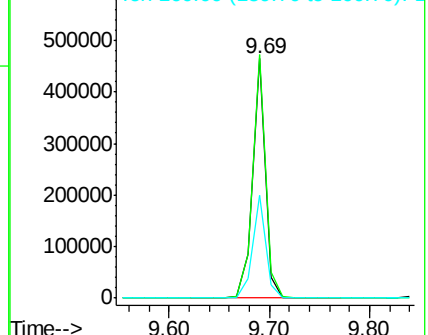
160 43.2 35.6 53.4

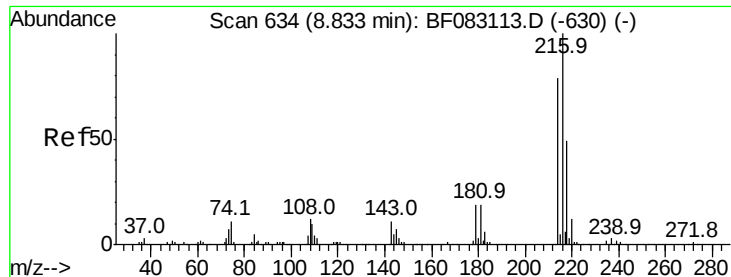


Abundance Ion 164.00 (163.70 to 164.70): E

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: 33.91 ng

RT: 8.82 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

Tot Ion:216 Resp: 450631

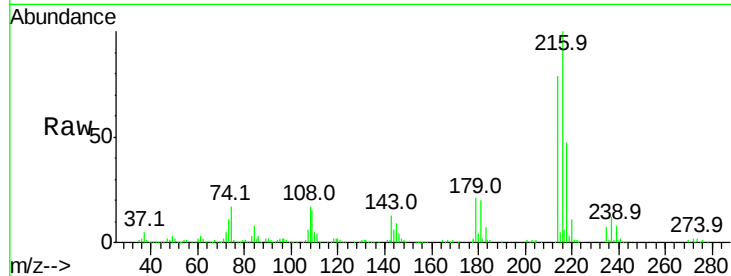
Ion Ratio Lower Upper

216 100

214 78.5 63.8 95.8

179 21.3 17.0 25.6

108 21.7 15.2 22.8

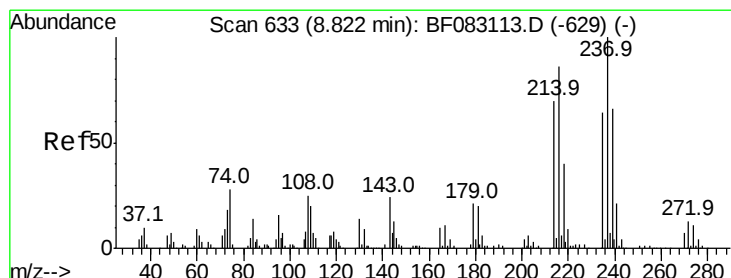
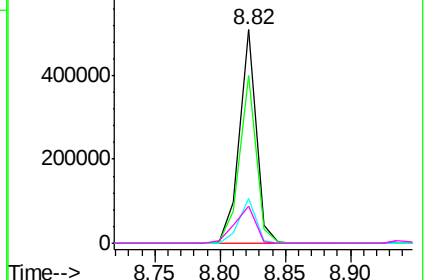
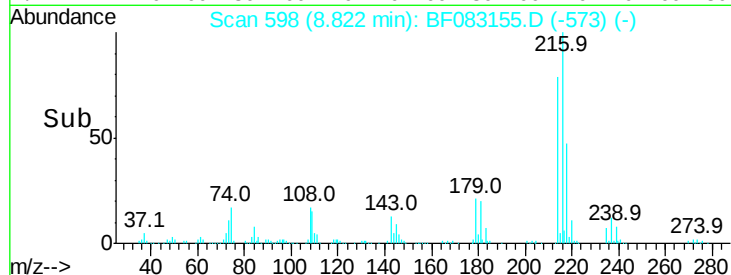


Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.94 ng

RT: 8.81 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

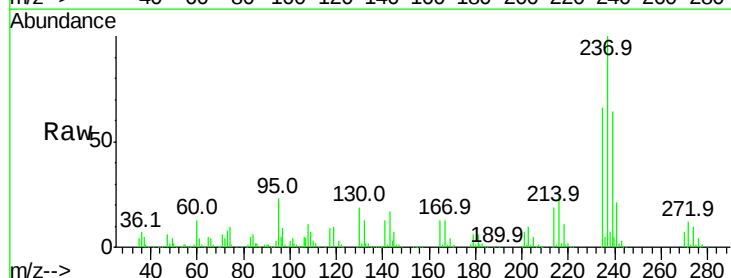
Tgt Ion:237 Resp: 347141

Ion Ratio Lower Upper

237 100

235 66.4 43.5 83.5

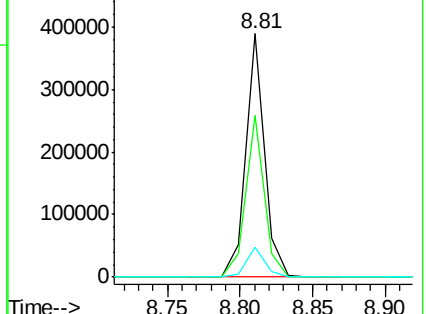
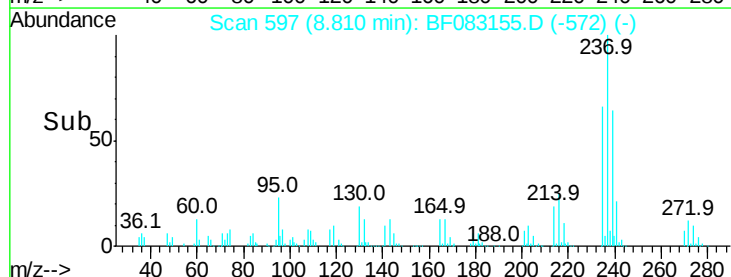
272 12.3 0.0 33.1

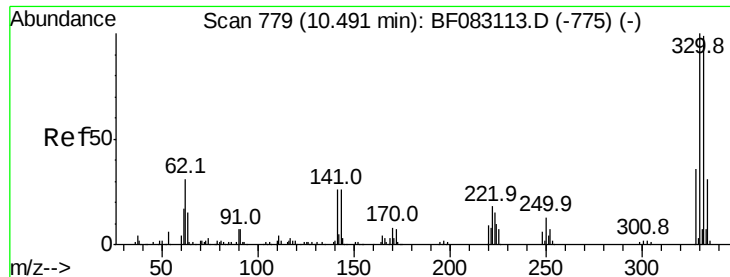


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

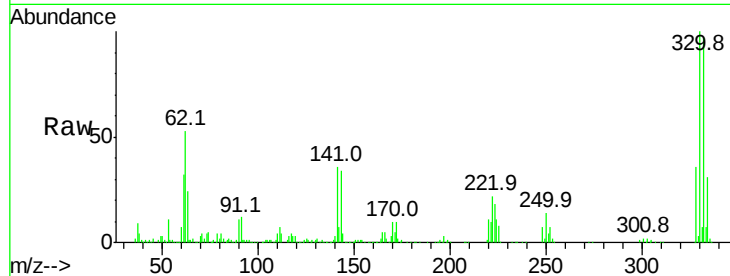




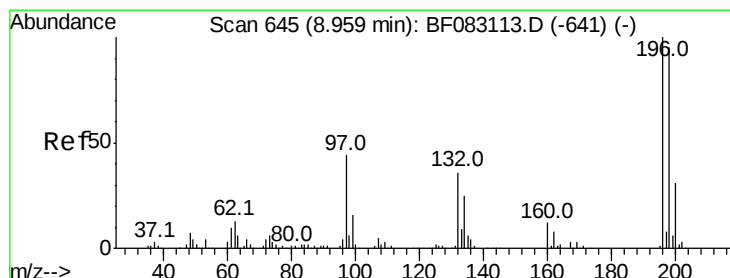
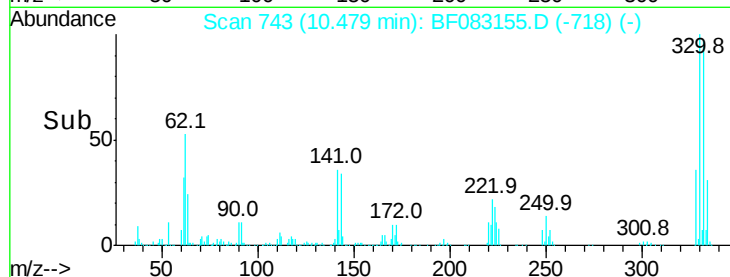
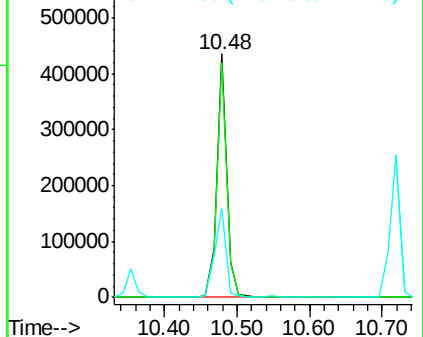
#41
 2,4,6-Tribromophenol
 Concen: 97.89 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083155.D
 Acq: 22 Nov 2015 13:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-02MS

Tot Ion:330 Resp: 410626
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.7 116.5
 141 40.8 29.7 44.5

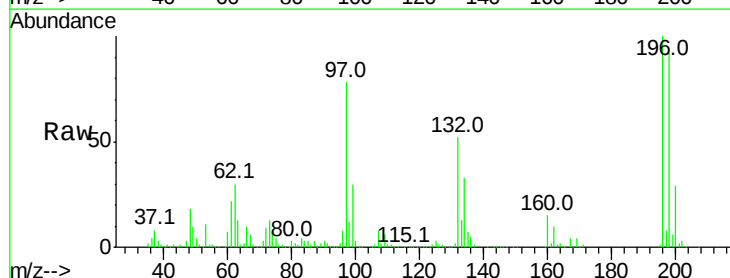


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

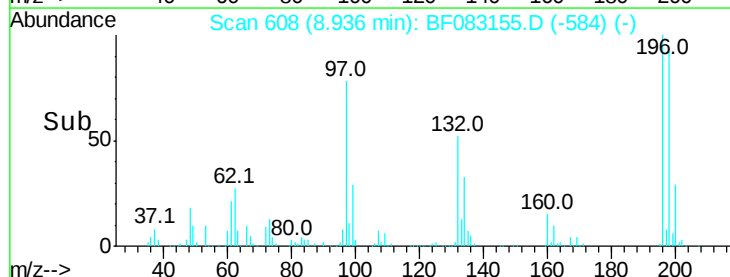
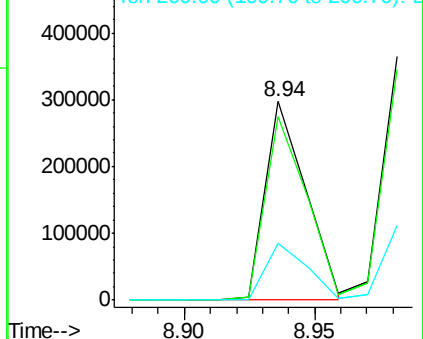


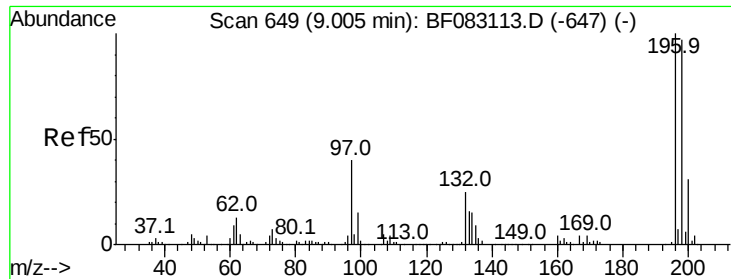
#42
 2,4,6-Trichlorophenol
 Concen: 33.36 ng
 RT: 8.94 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF083155.D
 Acq: 22 Nov 2015 13:21

Tgt Ion:196 Resp: 317556
 Ion Ratio Lower Upper
 196 100
 198 92.2 75.9 113.9
 200 28.6 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

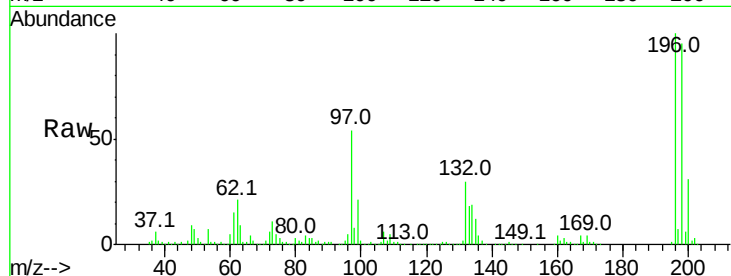




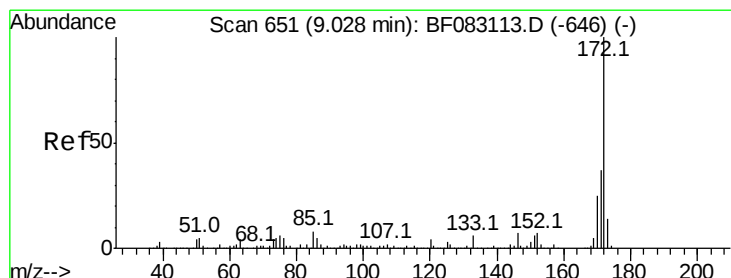
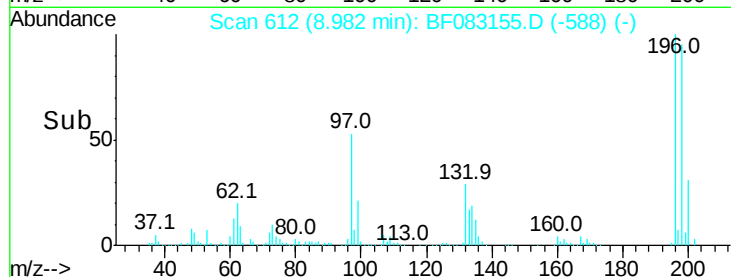
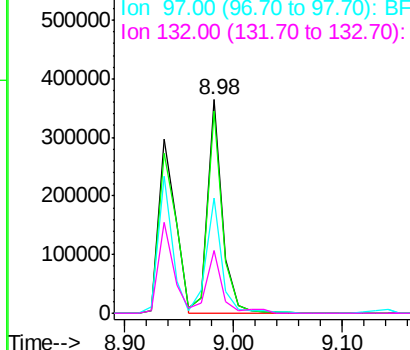
#43
 2,4,5-Trichlorophenol
 Concen: 35.51 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: BF083155.D
 Acq: 22 Nov 2015 13:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-02MS

Tot Ion:196 Resp: 345553
 Ion Ratio Lower Upper
 196 100
 198 94.6 77.6 116.4
 97 54.1 32.6 48.8#
 132 29.6 19.8 29.8

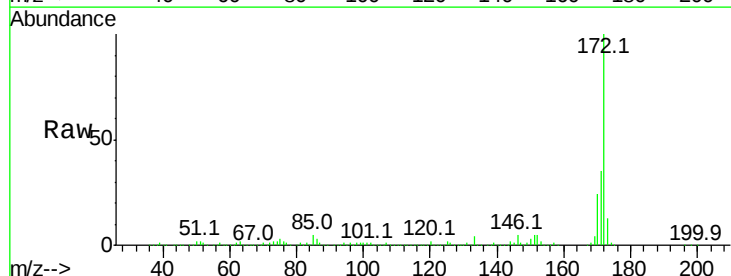


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

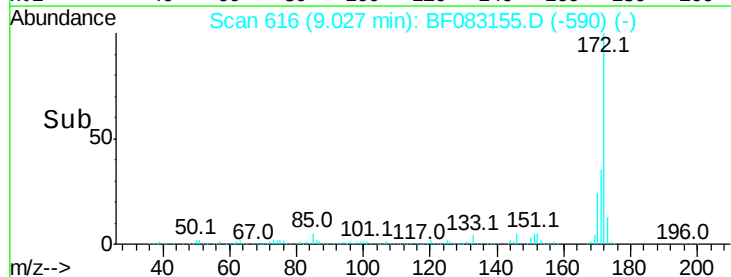
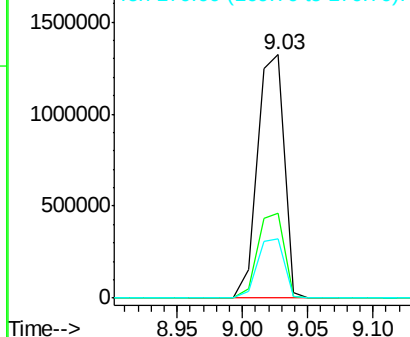


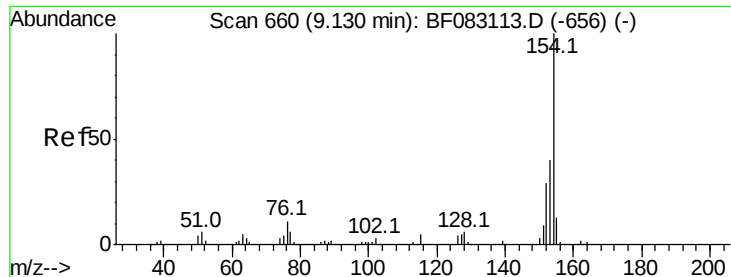
#44
 2-Fluorobiphenyl
 Concen: 64.42 ng
 RT: 9.03 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF083155.D
 Acq: 22 Nov 2015 13:21

Tgt Ion:172 Resp: 1894234
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.5 44.3
 170 24.1 19.9 29.9



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

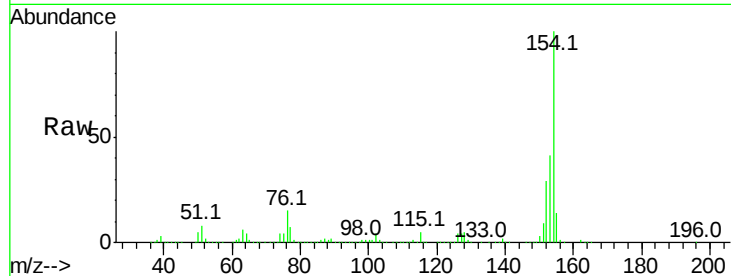




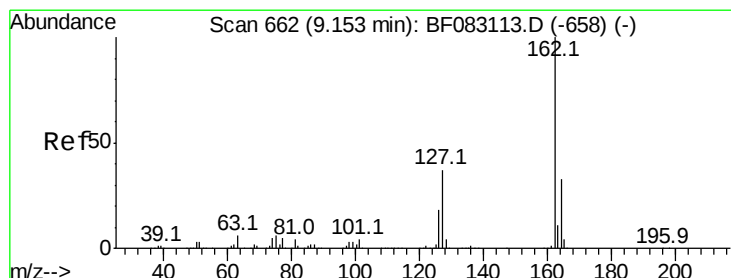
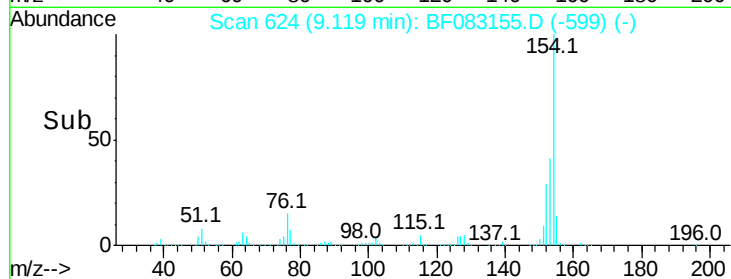
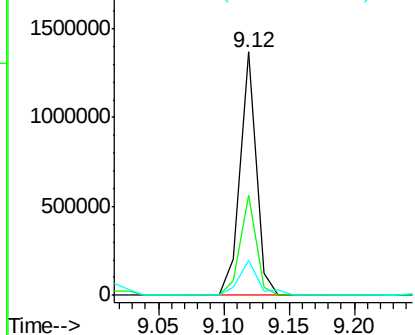
#45
1,1'-Biphenyl
Concen: 33.60 ng
RT: 9.12 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF083155.D
Acq: 22 Nov 2015 13:21

Instrument :
BNA_F
ClientSampleId :
MW-02MS

Tot Ion:154 Resp: 1172645
Ion Ratio Lower Upper
154 100
153 41.2 20.5 60.5
76 14.6 0.0 31.2

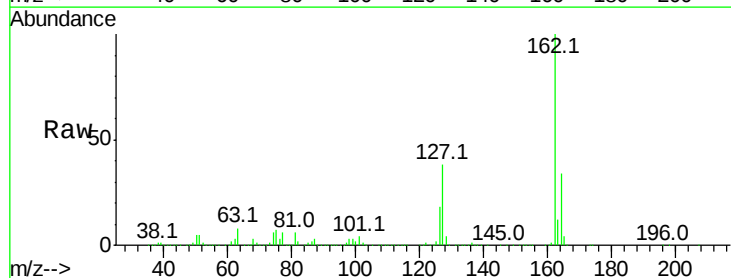


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

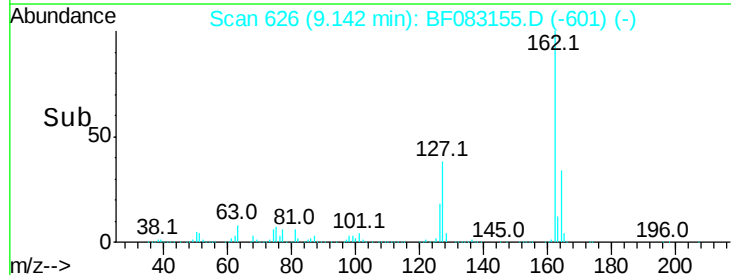
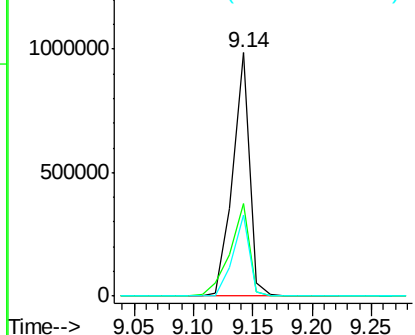


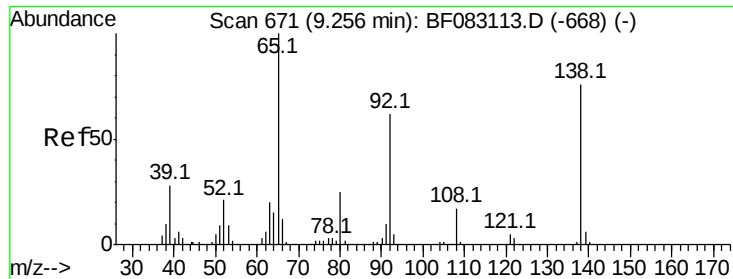
#46
2-Chloronaphthalene
Concen: 35.41 ng
RT: 9.14 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF083155.D
Acq: 22 Nov 2015 13:21

Tgt Ion:162 Resp: 970643
Ion Ratio Lower Upper
162 100
127 37.8 29.4 44.2
164 33.5 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

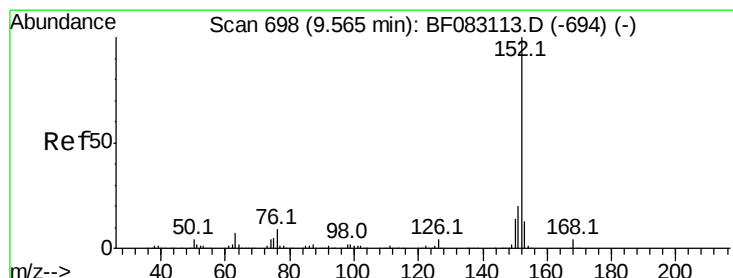
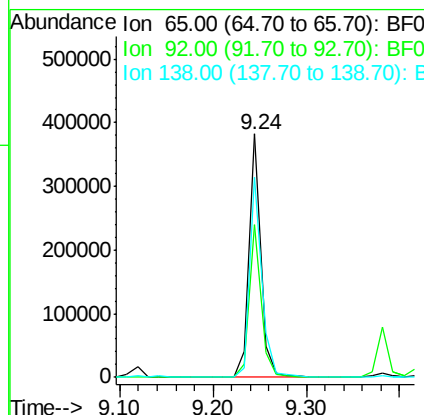
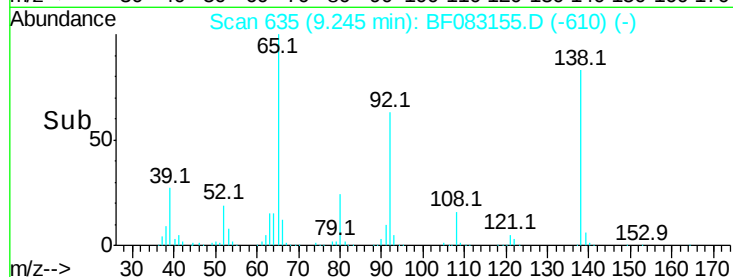
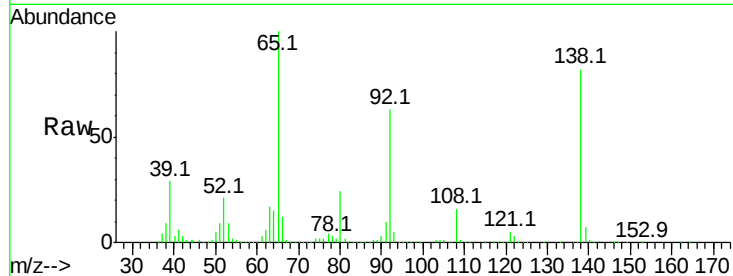




#47
 2-Nitroaniline
 Concen: 34.79 ng
 RT: 9.24 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF083155.D
 Acq: 22 Nov 2015 13:21

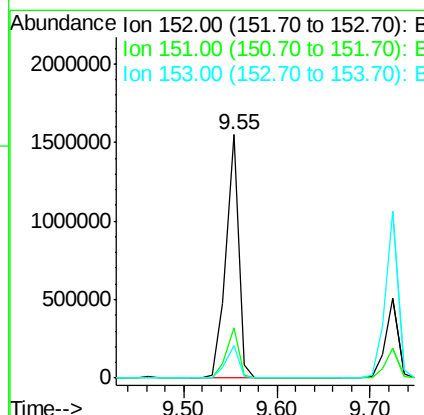
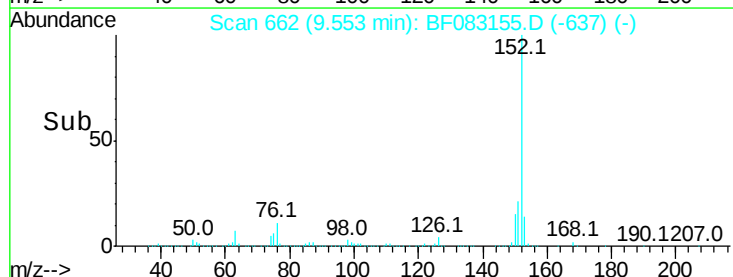
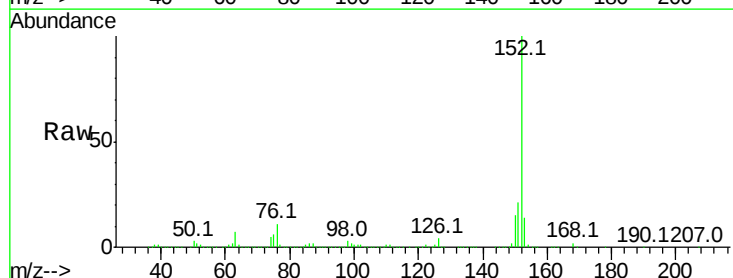
Instrument :
 BNA_F
 ClientSampleId :
 MW-02MS

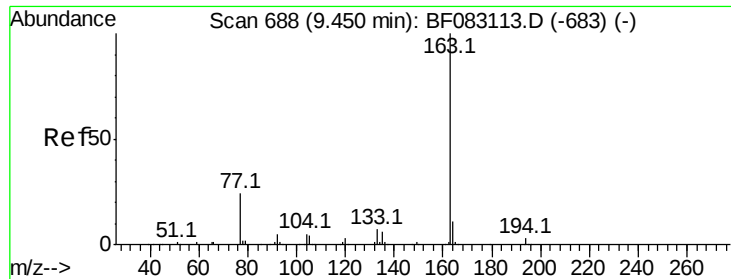
Tot Ion: 65 Resp: 337346
 Ion Ratio Lower Upper
 65 100
 92 62.7 49.5 74.3
 138 82.3 60.7 91.1



#48
 Acenaphthylene
 Concen: 34.60 ng
 RT: 9.55 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF083155.D
 Acq: 22 Nov 2015 13:21

Tgt Ion: 152 Resp: 1469930
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.6 10.8 16.2

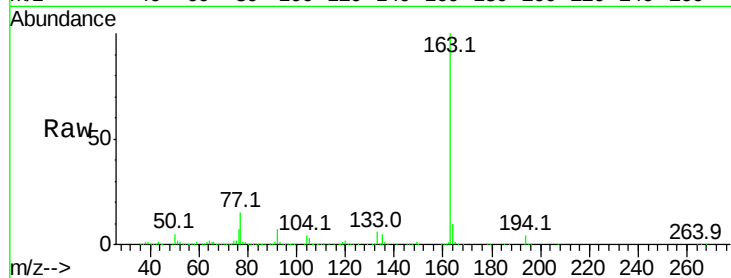




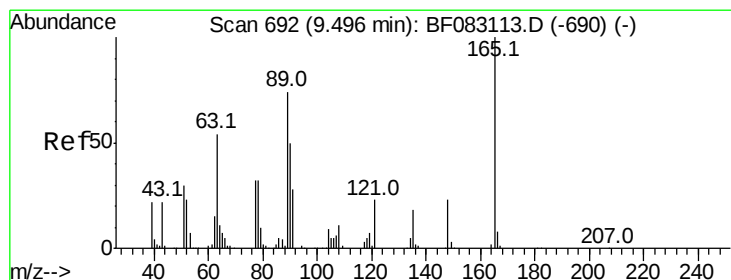
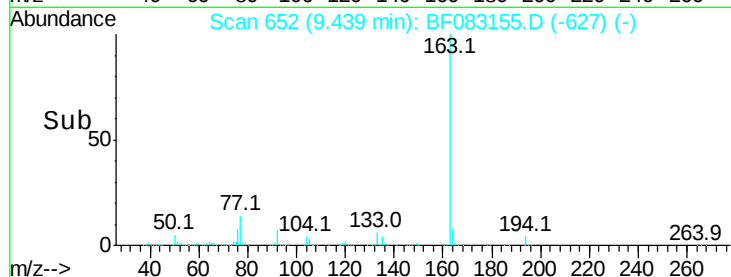
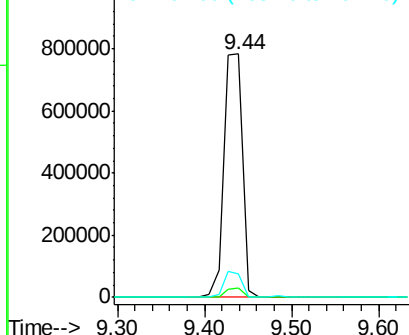
#49
Dimethylphthalate
Concen: 36.68 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF083155.D
Acq: 22 Nov 2015 13:21

Instrument :
BNA_F
ClientSampleId :
MW-02MS

Tot Ion:163 Resp: 1157816
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 9.8 8.6 12.8

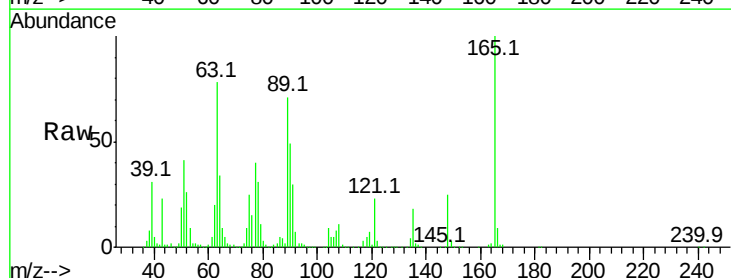


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

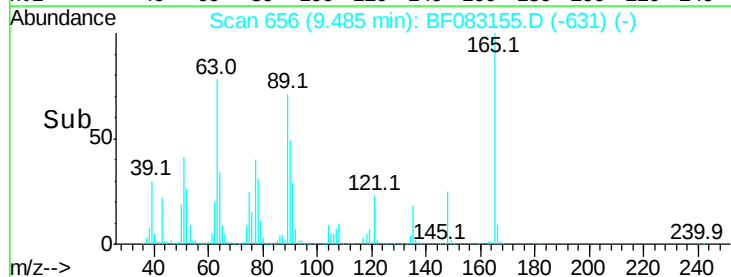
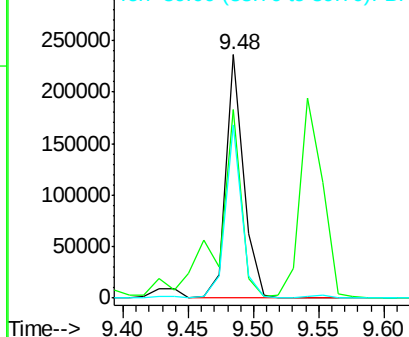


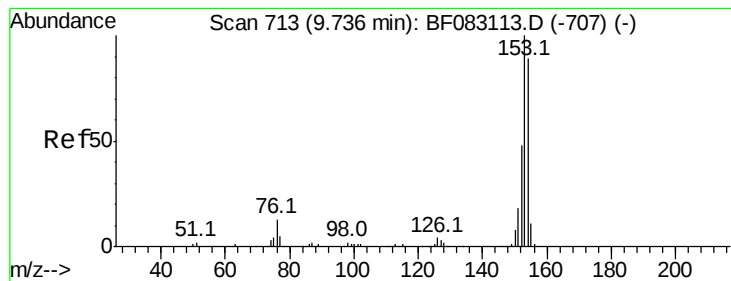
#50
2,6-Dinitrotoluene
Concen: 31.67 ng
RT: 9.48 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF083155.D
Acq: 22 Nov 2015 13:21

Tgt Ion:165 Resp: 224332
Ion Ratio Lower Upper
165 100
63 77.7 62.5 93.7
89 70.9 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: 34.98 ng

RT: 9.72 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

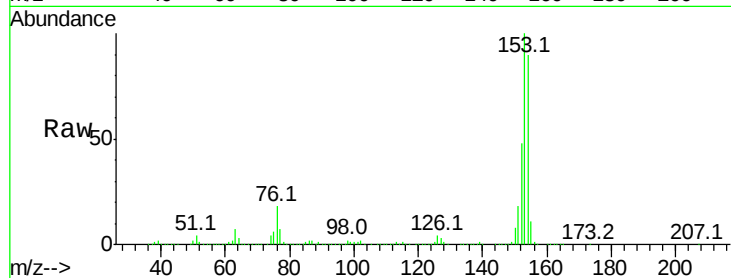
Tot Ion:154 Resp: 904360

Ion Ratio Lower Upper

154 100

153 111.7 89.6 134.4

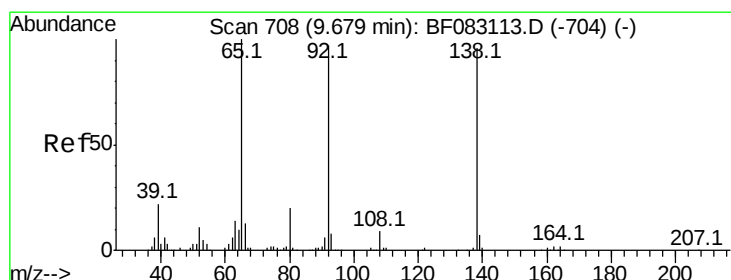
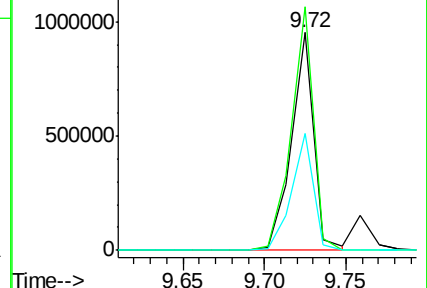
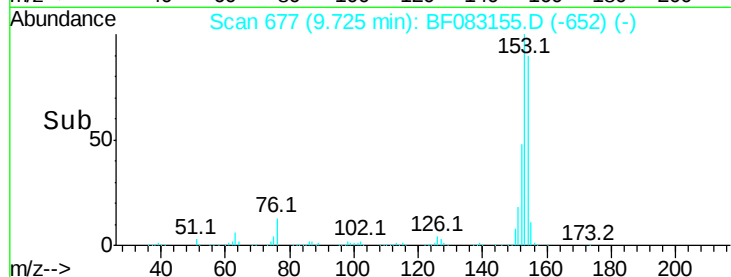
152 53.5 43.3 64.9



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: 15.60 ng

RT: 9.66 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

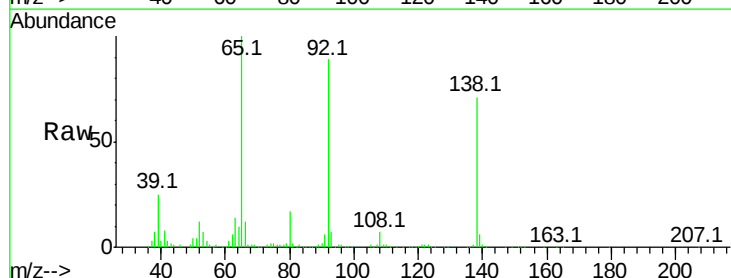
Tgt Ion:138 Resp: 117792

Ion Ratio Lower Upper

138 100

108 10.5 7.8 11.6

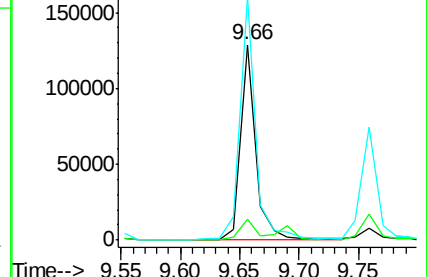
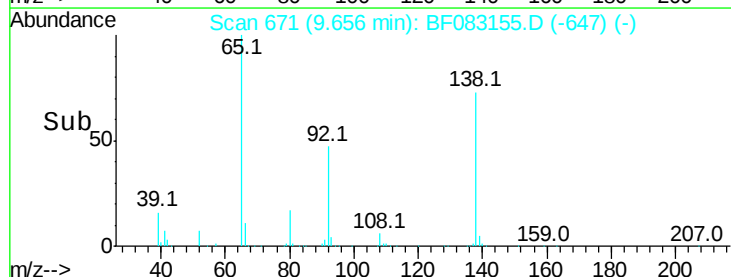
92 124.6 81.1 121.7#

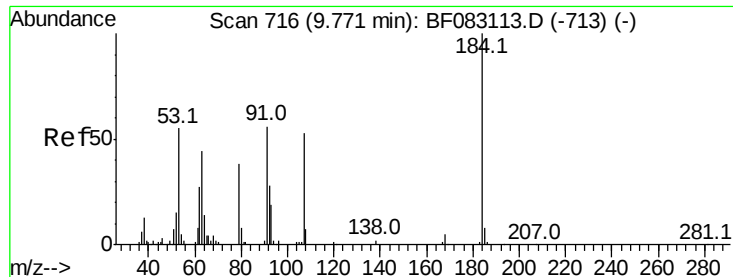


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

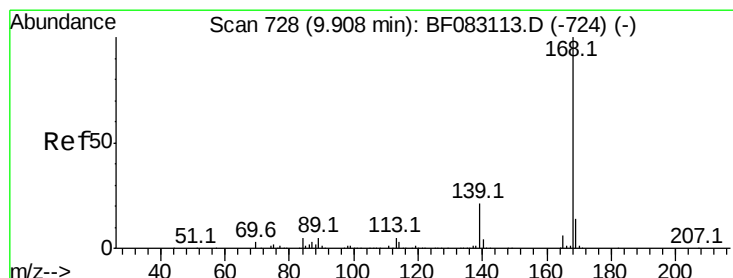
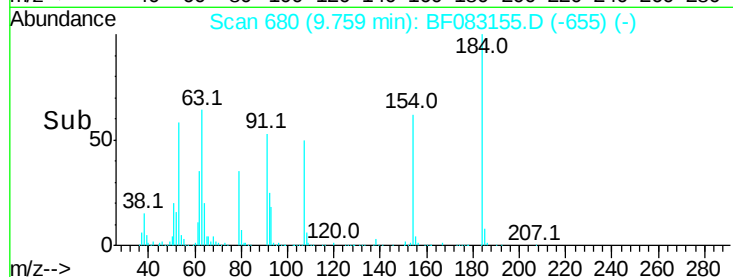
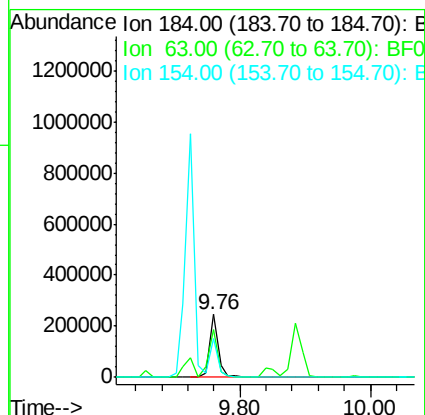
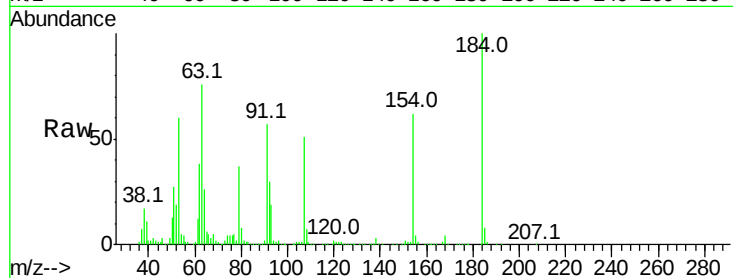




#53
2,4-Dinitrophenol
Concen: 56.39 ng
RT: 9.76 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF083155.D
Acq: 22 Nov 2015 13:21

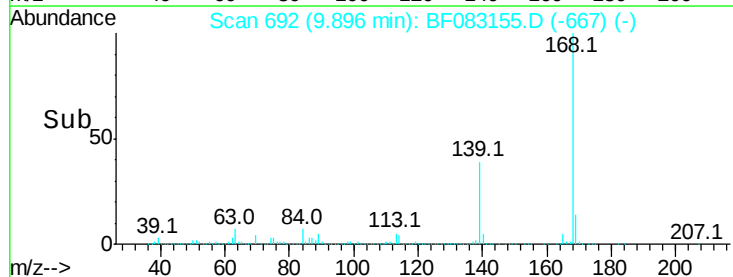
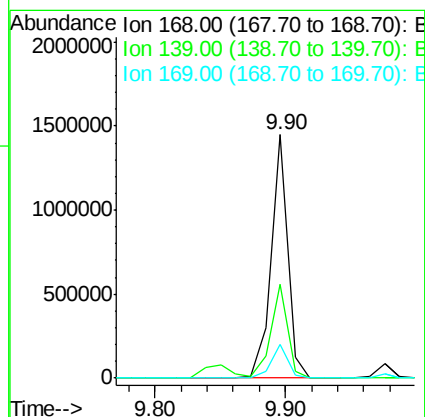
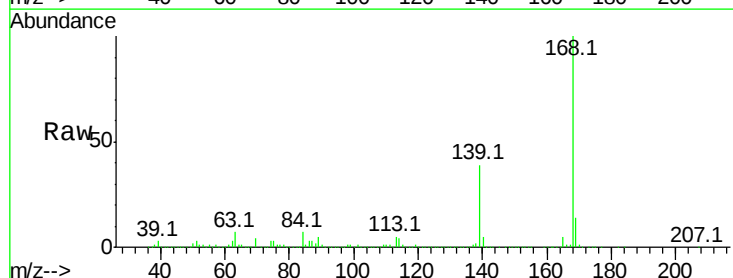
Instrument :
BNA_F
ClientSampleId :
MW-02MS

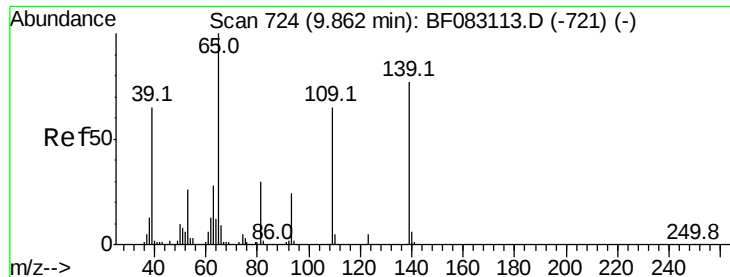
Tot Ion:184 Resp: 230103
Ion Ratio Lower Upper
184 100
63 76.5 60.5 90.7
154 61.9 54.3 81.5



#54
Dibenzofuran
Concen: 35.37 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083155.D
Acq: 22 Nov 2015 13:21

Tgt Ion:168 Resp: 1293031
Ion Ratio Lower Upper
168 100
139 38.6 30.2 45.2
169 13.9 10.9 16.3

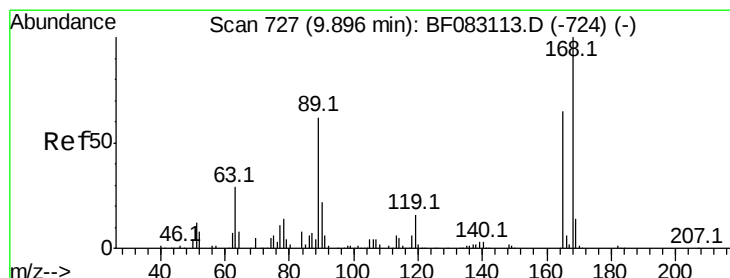
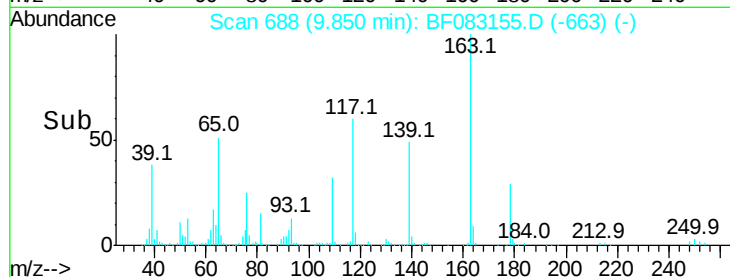
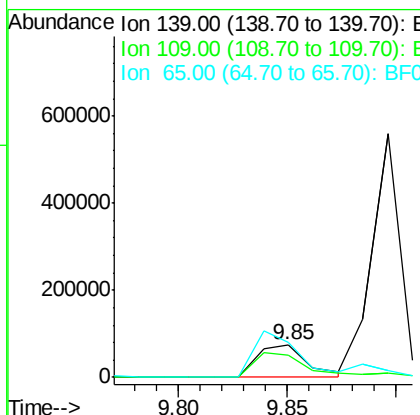
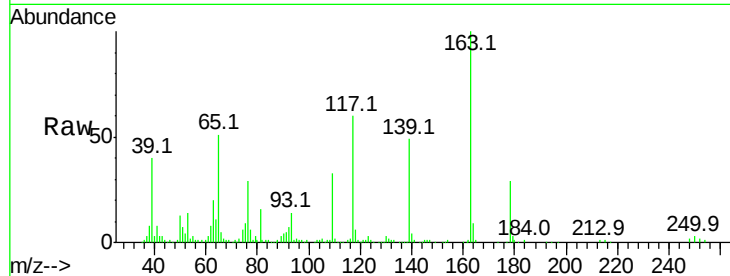




#55
4-Nitrophenol
Concen: 20.83 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083155.D
Acq: 22 Nov 2015 13:21

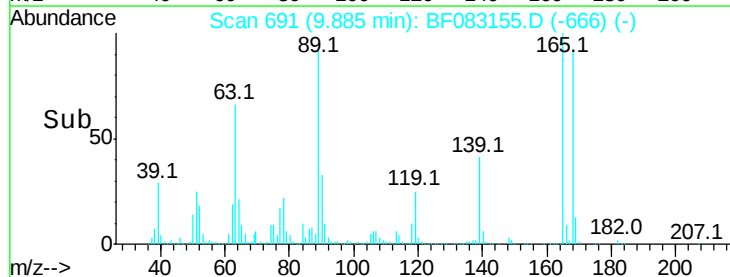
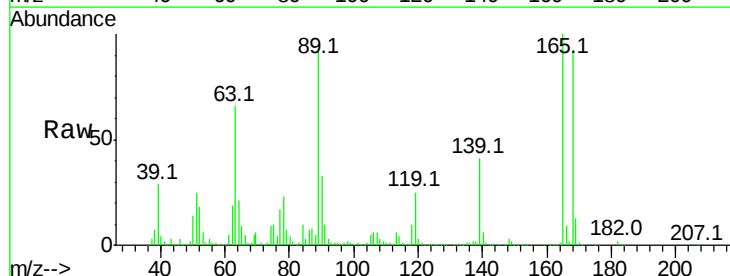
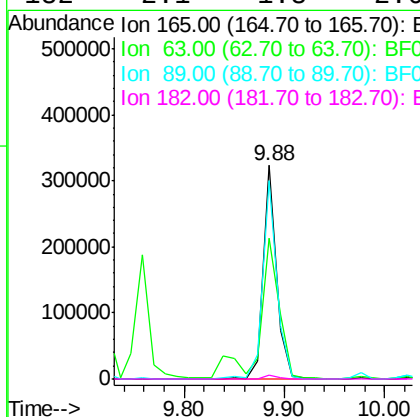
Instrument :
BNA_F
ClientSampled :
MW-02MS

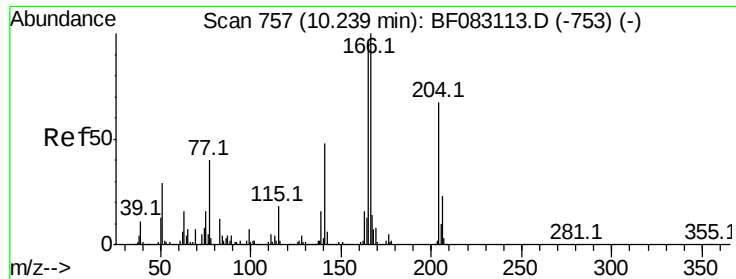
Tot Ion:139 Resp: 120638
Ion Ratio Lower Upper
139 100
109 67.3 64.0 104.0
65 104.2 109.5 149.5#



#56
2,4-Dinitrotoluene
Concen: 33.00 ng
RT: 9.88 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF083155.D
Acq: 22 Nov 2015 13:21

Tgt Ion:165 Resp: 296166
Ion Ratio Lower Upper
165 100
63 66.2 54.5 81.7
89 92.7 77.3 115.9
182 2.1 1.8 2.6



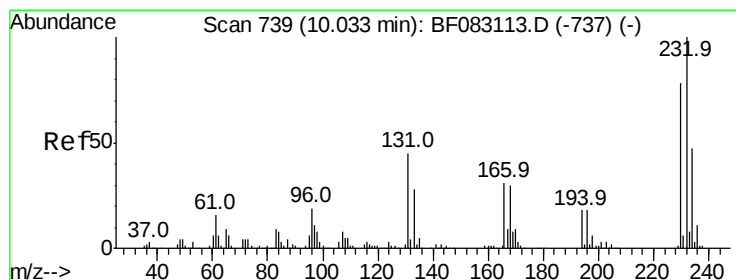
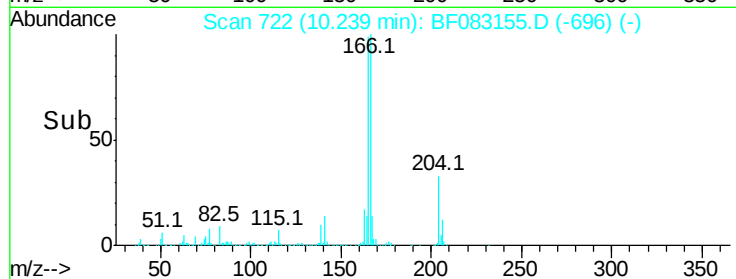
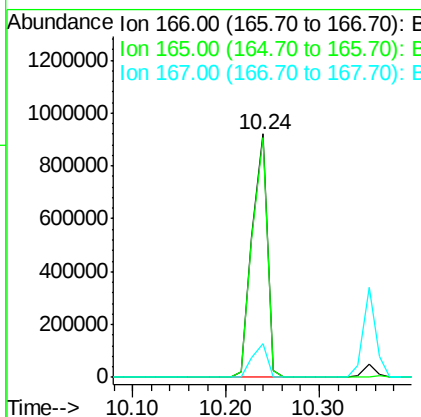
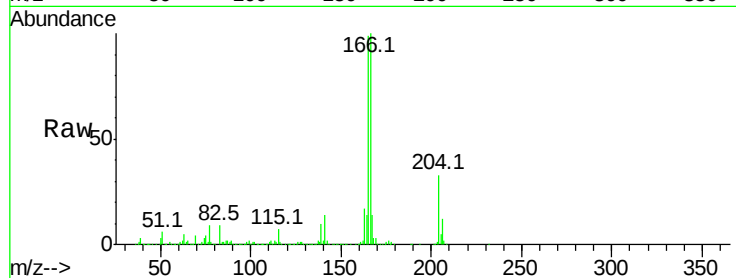


#57
Fluorene
 Concen: 34.14 ng
 RT: 10.24 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF083155.D
 Acq: 22 Nov 2015 13:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-02MS

Tot Ion:166 Resp: 1031198

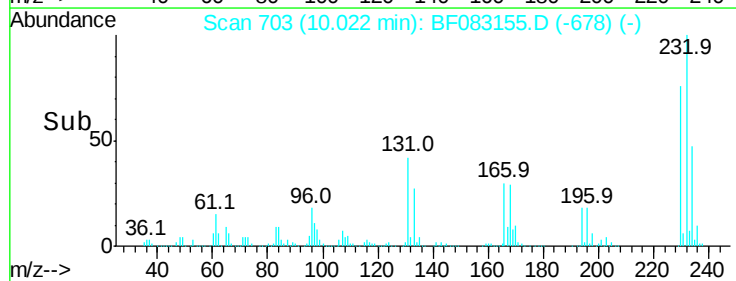
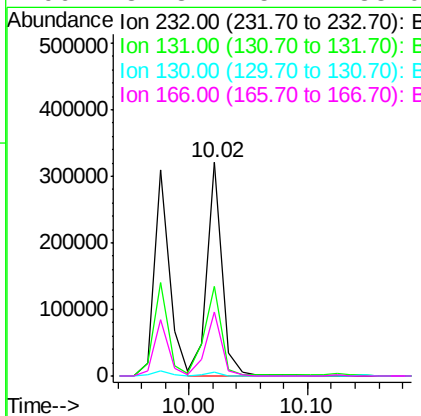
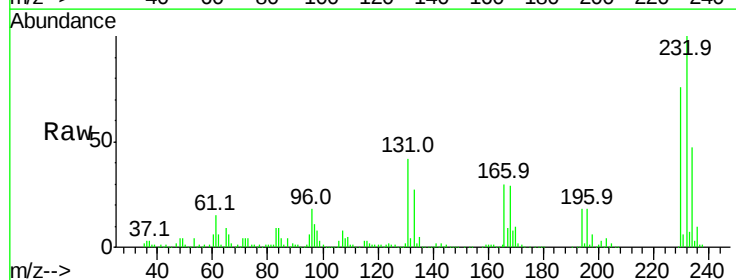
Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.0	117.0
167	13.8	11.3	16.9

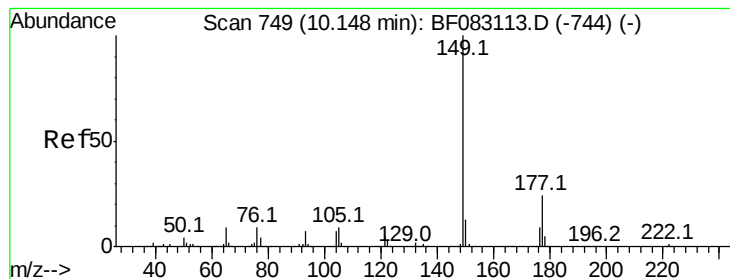


#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.68 ng
 RT: 10.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF083155.D
 Acq: 22 Nov 2015 13:21

Tgt Ion:232 Resp: 284820

Ion	Ratio	Lower	Upper
232	100		
131	46.8	38.6	57.8
130	2.4	1.9	2.9
166	31.3	25.4	38.0





#59

Diethylphthalate

Concen: 33.47 ng

RT: 10.12 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

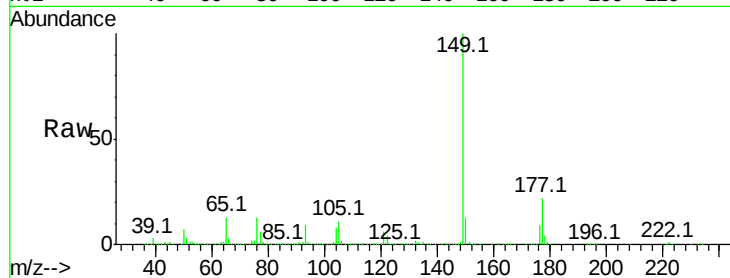
Tot Ion:149 Resp: 1051737

Ion Ratio Lower Upper

149 100

177 22.1 19.4 29.2

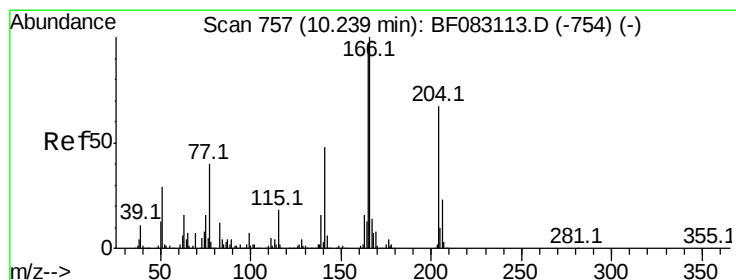
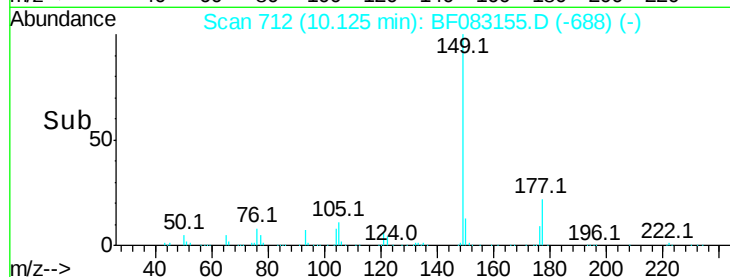
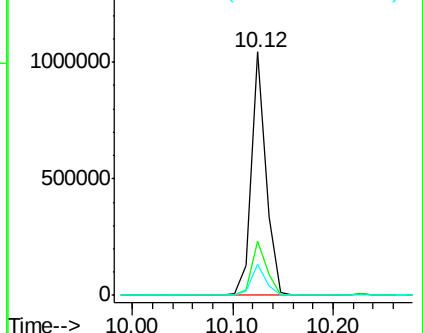
150 13.0 10.2 15.2



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: 32.56 ng

RT: 10.23 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

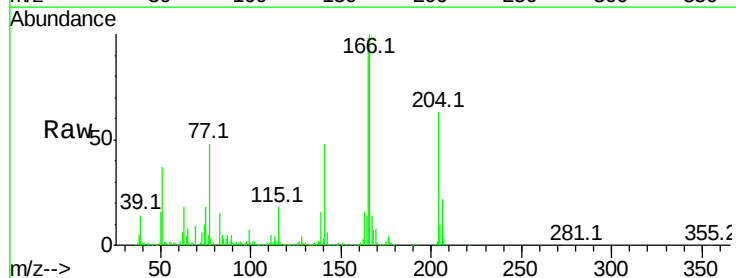
Tgt Ion:204 Resp: 450505

Ion Ratio Lower Upper

204 100

206 34.9 27.4 41.0

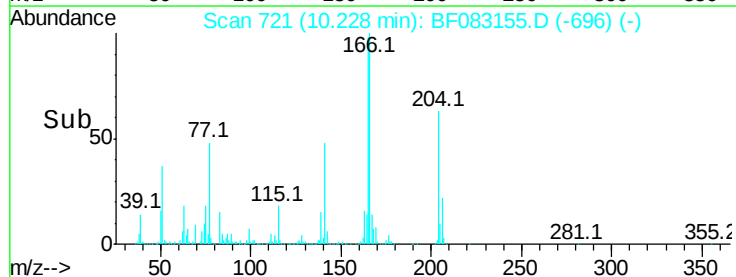
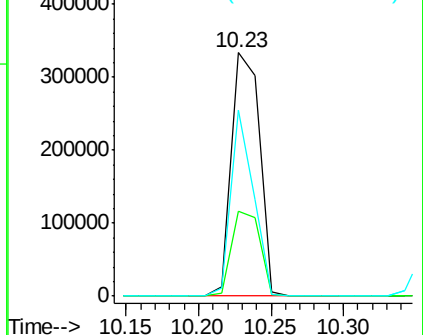
141 76.6 57.4 86.2

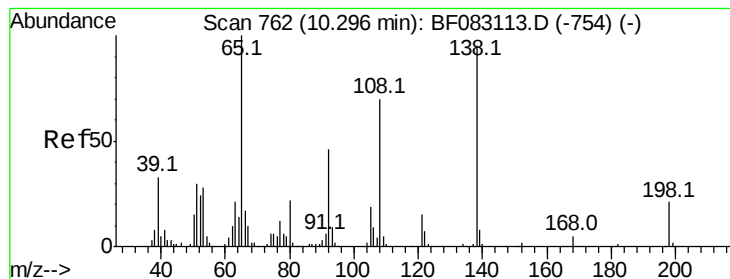


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 27.52 ng

RT: 10.27 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

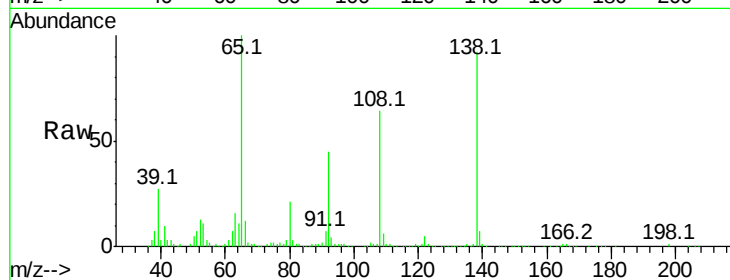
Tot Ion:138 Resp: 204597

Ion Ratio Lower Upper

138 100

92 49.1 28.4 68.4

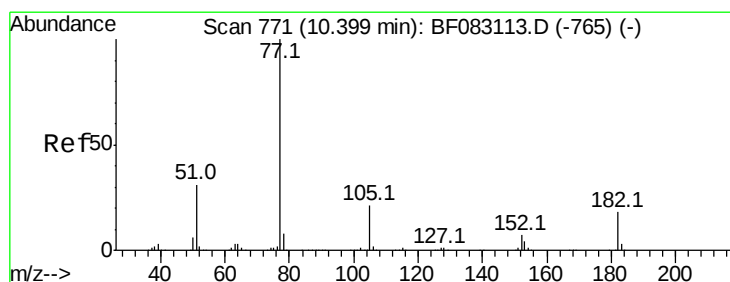
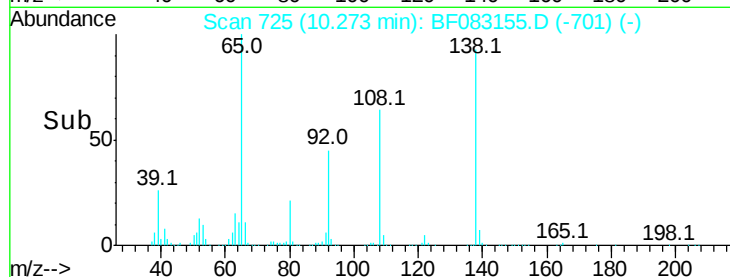
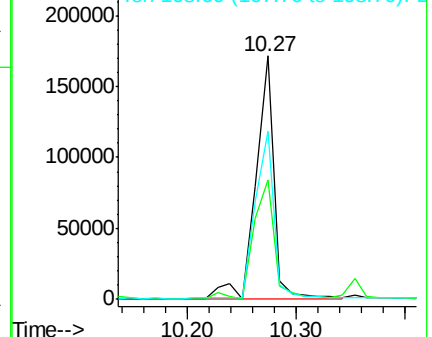
108 69.0 53.5 93.5



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: 36.20 ng

RT: 10.39 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Tgt Ion: 77 Resp: 1298264

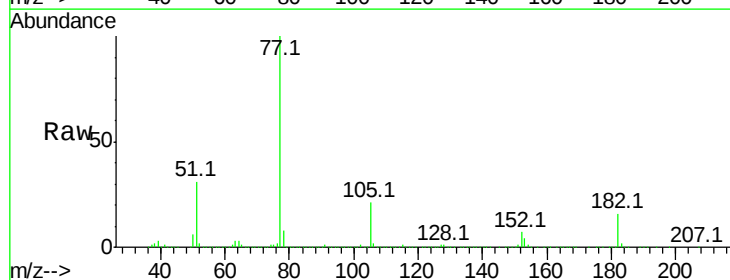
Ion Ratio Lower Upper

77 100

182 16.1 0.0 38.3

105 21.2 1.2 41.2

51 31.0 11.1 51.1

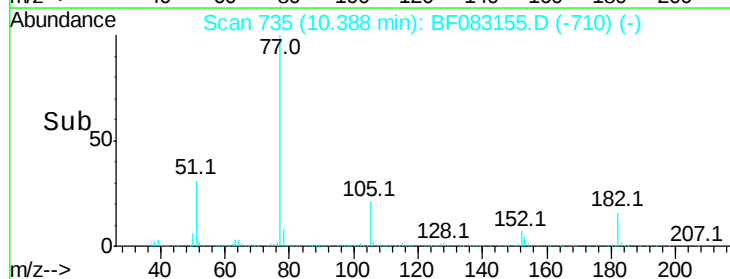
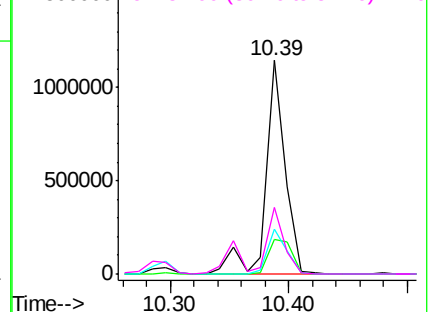


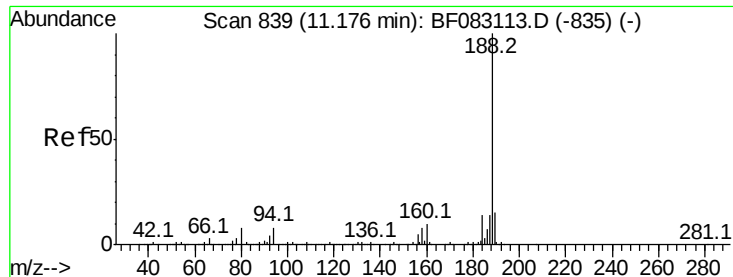
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

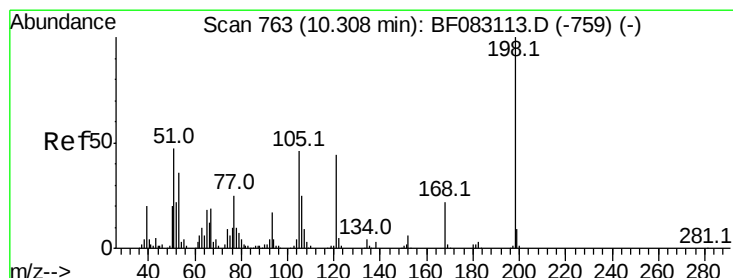
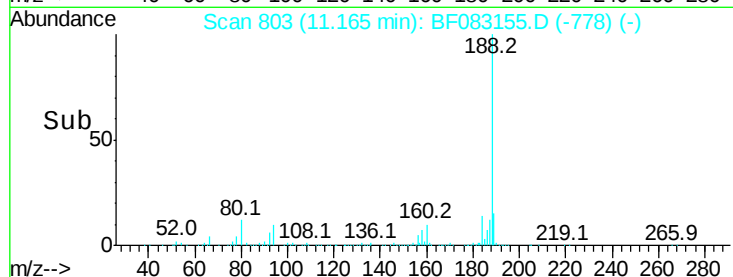
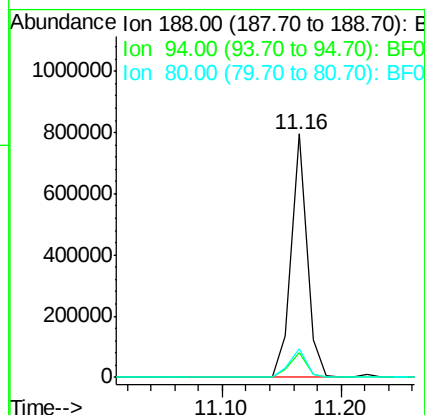
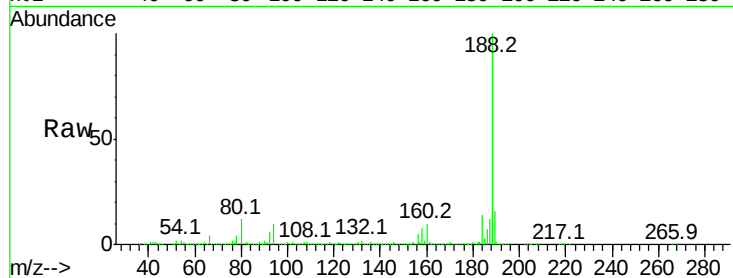




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083155.D
Acq: 22 Nov 2015 13:21

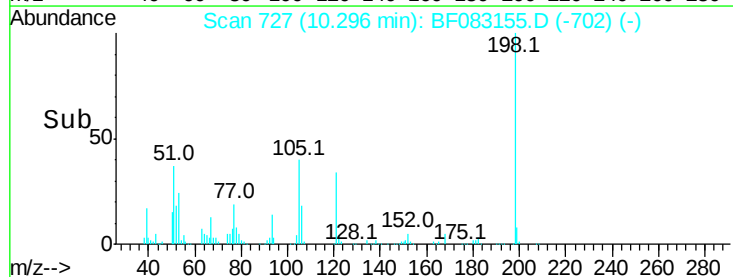
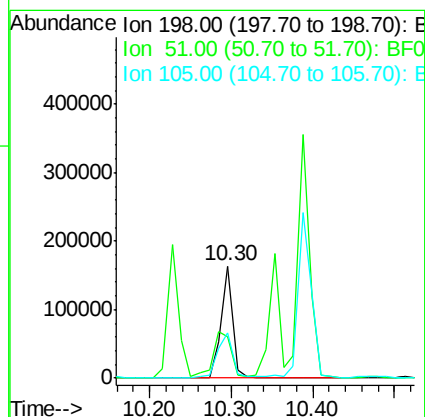
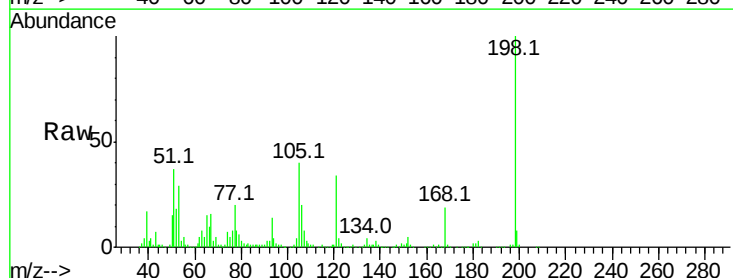
Instrument :
BNA_F
ClientSampleId :
MW-02MS

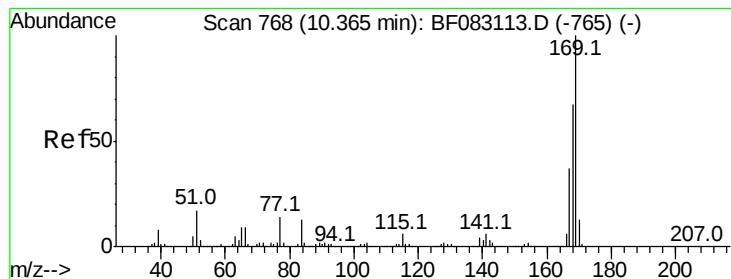
Tot Ion:188 Resp: 727395
Ion Ratio Lower Upper
188 100
94 10.2 6.0 9.0#
80 11.7 6.7 10.1#



#64
4,6-Dinitro-2-methylphenol
Concen: 32.26 ng
RT: 10.30 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF083155.D
Acq: 22 Nov 2015 13:21

Tgt Ion:198 Resp: 161678
Ion Ratio Lower Upper
198 100
51 37.1 27.0 67.0
105 40.2 26.1 66.1





#65

n-Nitrosodiphenylamine

Concen: 34.75 ng

RT: 10.35 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

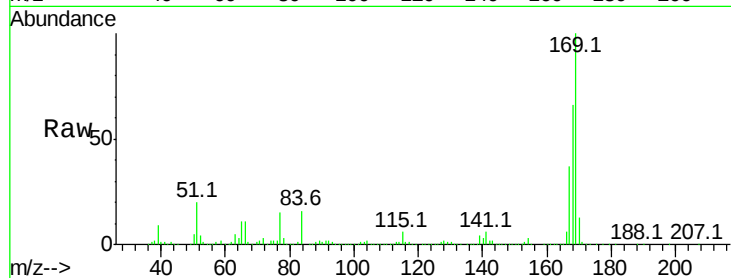
Tot Ion:169 Resp: 859790

Ion Ratio Lower Upper

169 100

168 66.3 53.8 80.6

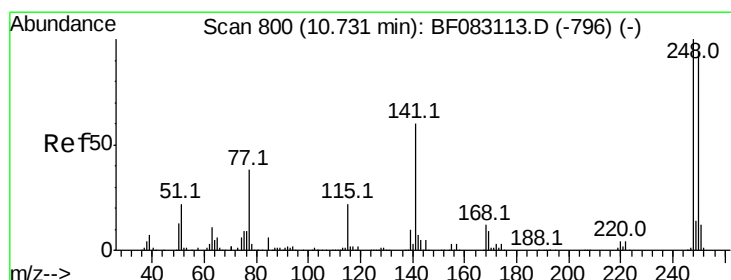
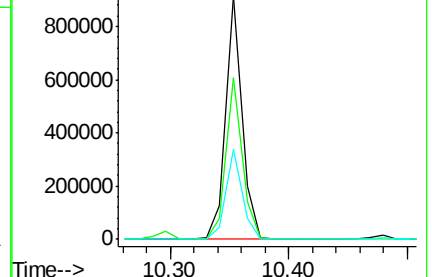
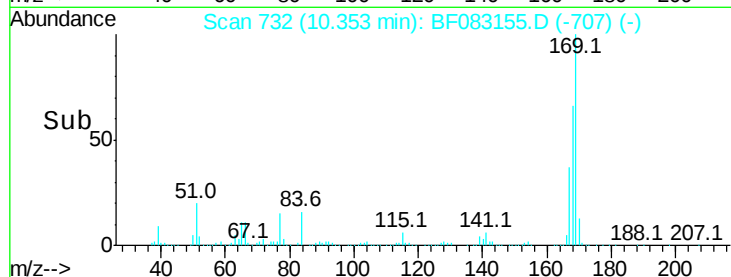
167 37.0 29.8 44.8



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: 36.78 ng

RT: 10.72 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

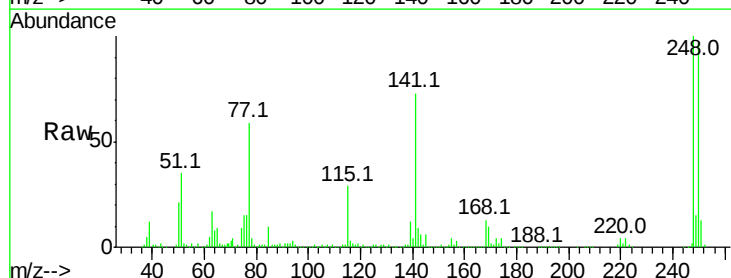
Tgt Ion:248 Resp: 296909

Ion Ratio Lower Upper

248 100

250 97.2 75.4 113.2

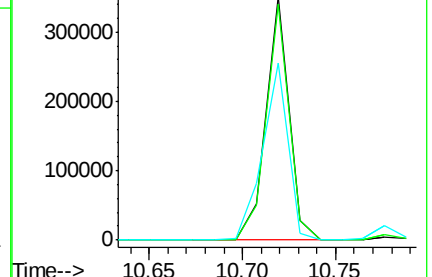
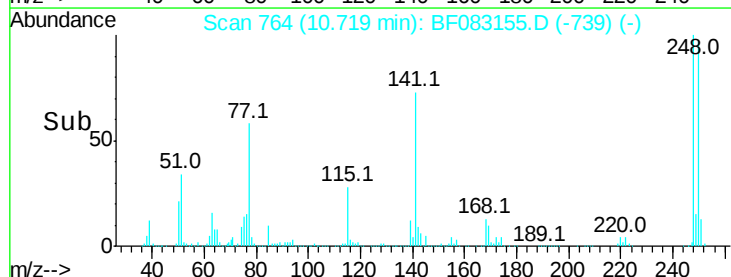
141 72.7 48.1 72.1#

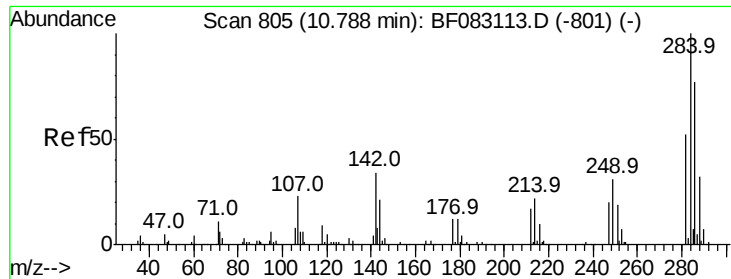


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

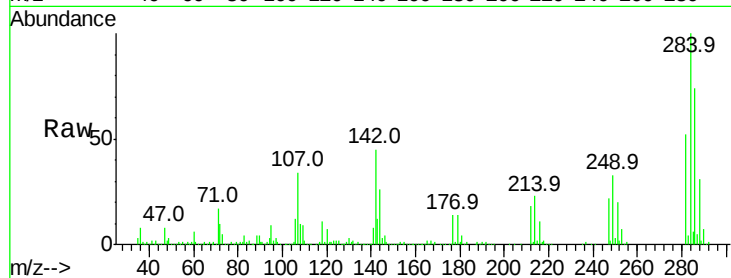




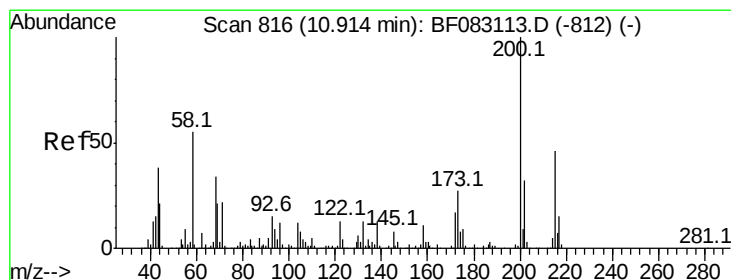
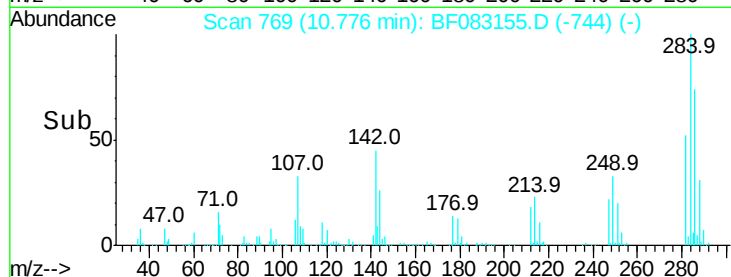
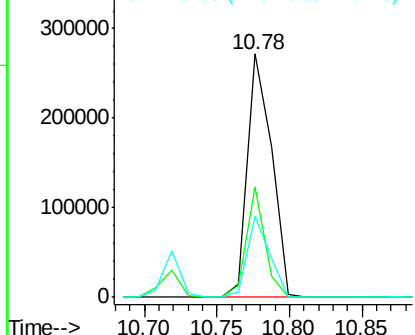
#67
Hexachlorobenzene
Concen: 35.45 ng
RT: 10.78 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF083155.D
Acq: 22 Nov 2015 13:21

Instrument :
BNA_F
ClientSampleId :
MW-02MS

Tot Ion:284 Resp: 315074
Ion Ratio Lower Upper
284 100
142 45.2 27.6 41.4#
249 33.2 25.5 38.3

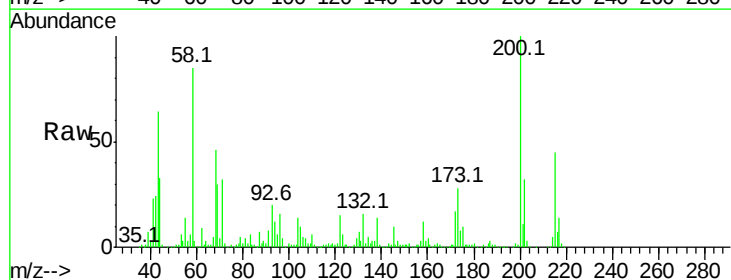


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

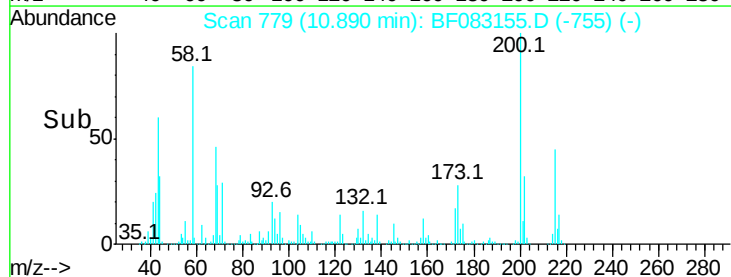
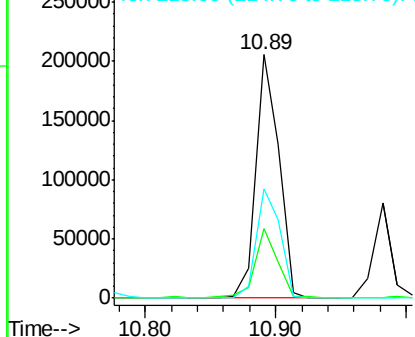


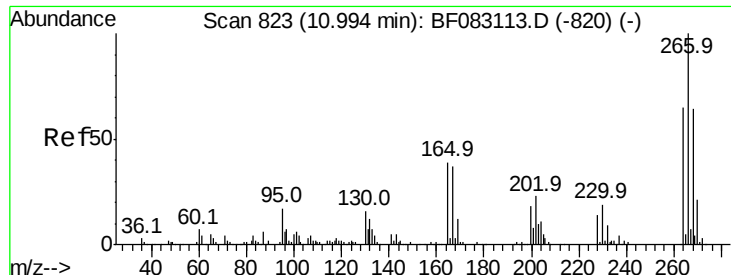
#68
Atrazine
Concen: 35.14 ng
RT: 10.89 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF083155.D
Acq: 22 Nov 2015 13:21

Tgt Ion:200 Resp: 252453
Ion Ratio Lower Upper
200 100
173 28.5 7.2 47.2
215 44.8 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

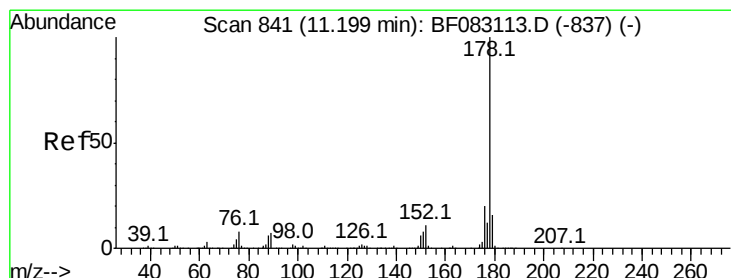
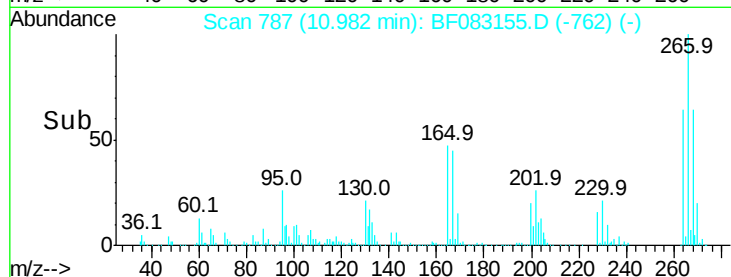
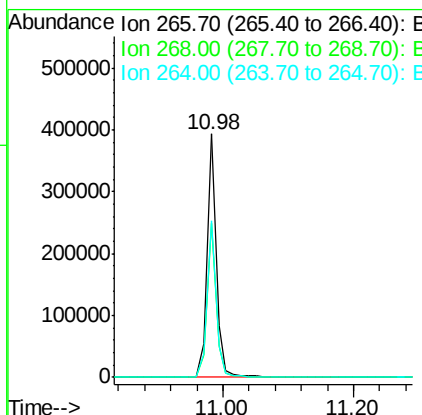
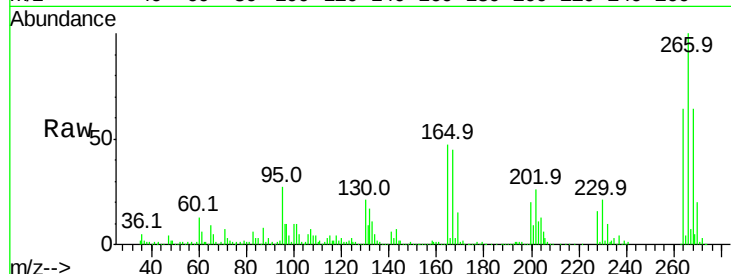




#69
 Pentachlorophenol
 Concen: 66.95 ng
 RT: 10.98 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF083155.D
 Acq: 22 Nov 2015 13:21

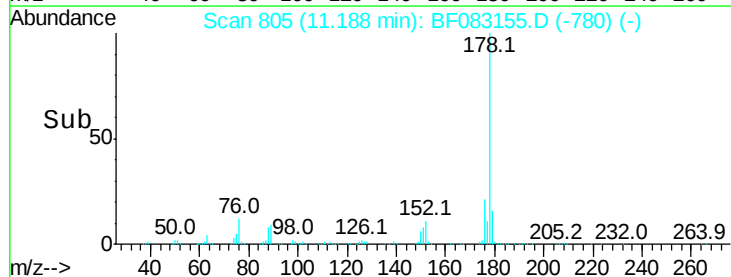
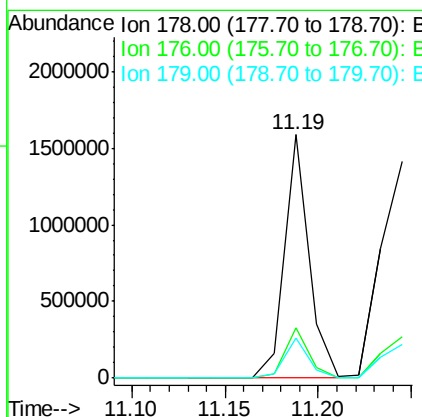
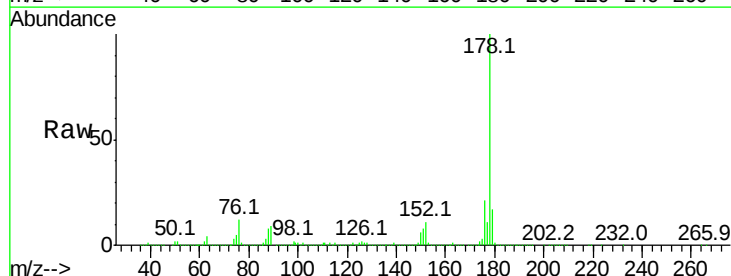
Instrument :
 BNA_F
 ClientSampleId :
 MW-02MS

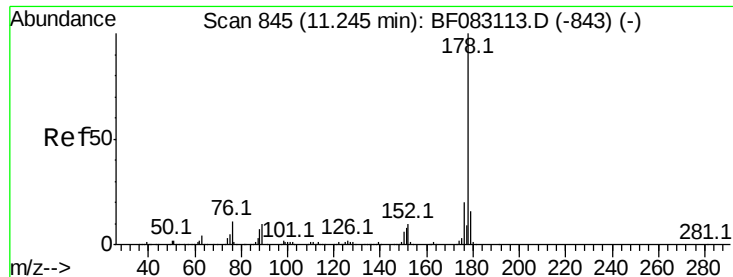
Tot Ion:266 Resp: 387609
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.4 77.0
 264 64.3 51.7 77.5



#70
 Phenanthrene
 Concen: 34.57 ng
 RT: 11.19 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF083155.D
 Acq: 22 Nov 2015 13:21

Tgt Ion:178 Resp: 1448560
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.2 24.2
 179 16.6 12.8 19.2





#71

Anthracene

Concen: 37.44 ng

RT: 11.24 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

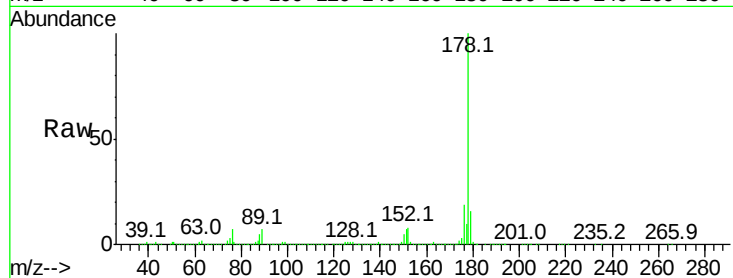
Tot Ion:178 Resp: 1600735

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

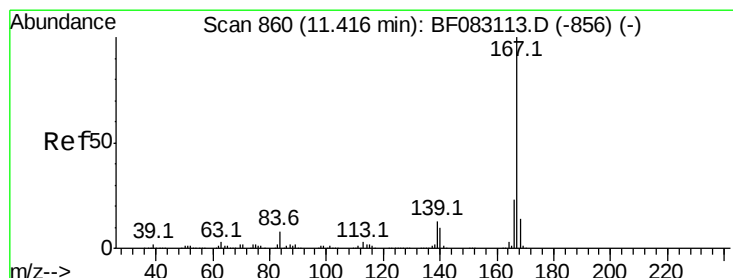
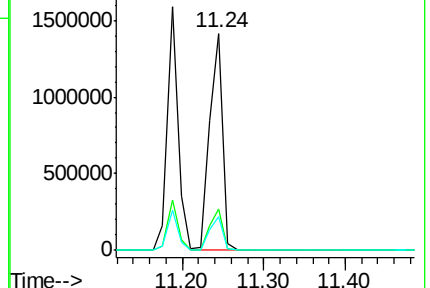
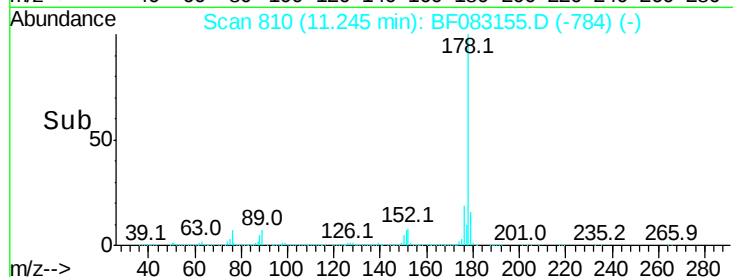
179 15.8 13.2 19.8



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: 36.77 ng

RT: 11.40 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

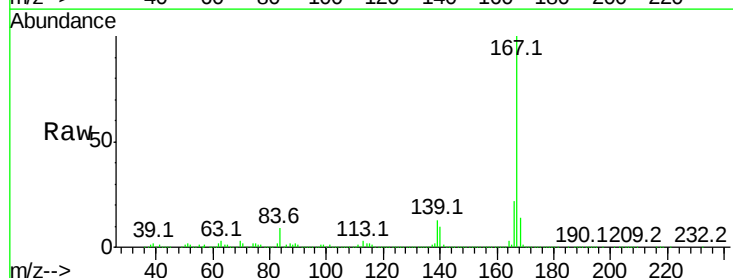
Tgt Ion:167 Resp: 1397616

Ion Ratio Lower Upper

167 100

166 22.0 18.0 27.0

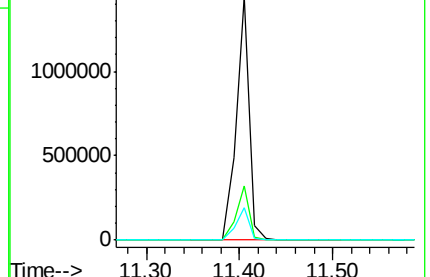
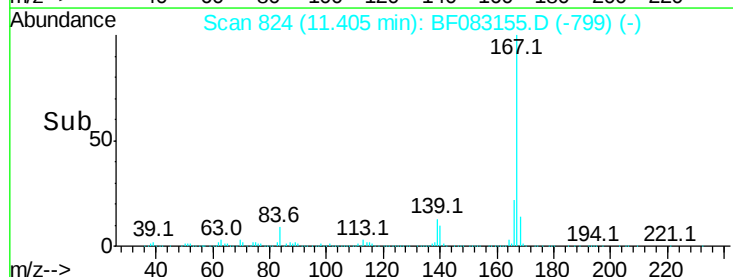
139 13.1 10.5 15.7

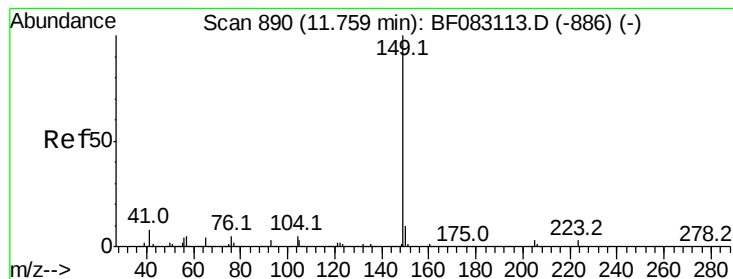


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.06 ng

RT: 11.75 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

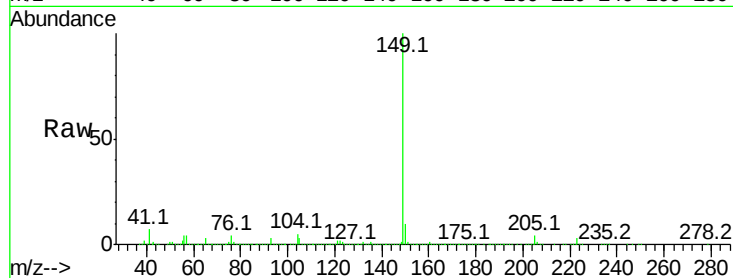
Tot Ion:149 Resp: 1765404

Ion Ratio Lower Upper

149 100

150 9.7 8.0 12.0

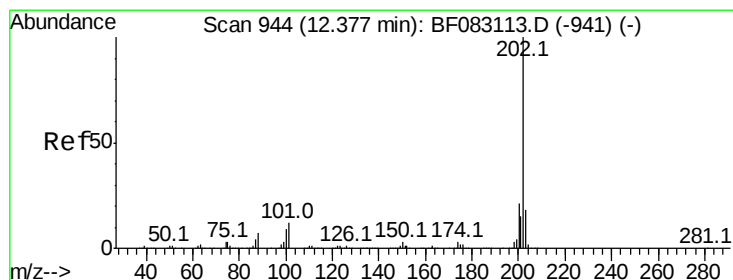
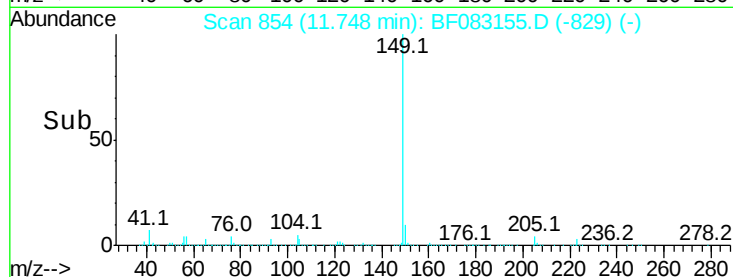
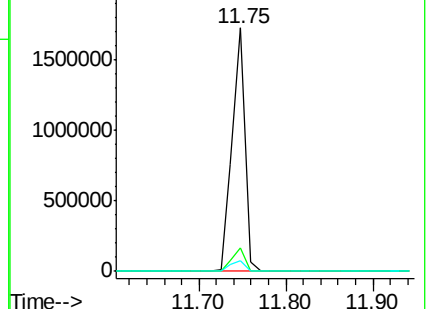
104 4.6 4.4 6.6



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: 35.02 ng

RT: 12.36 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

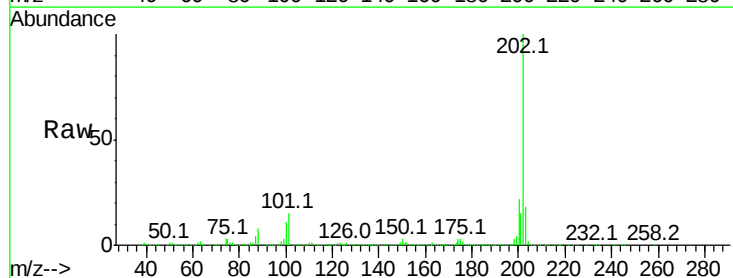
Tgt Ion:202 Resp: 1501892

Ion Ratio Lower Upper

202 100

101 14.9 0.0 32.3

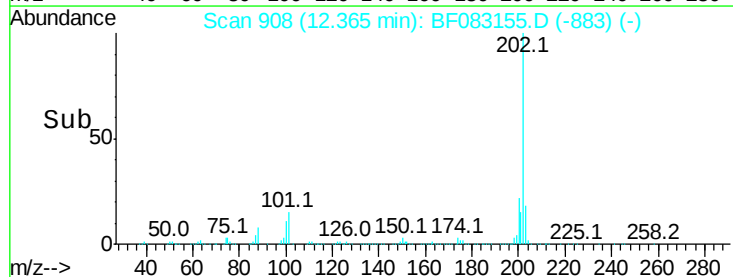
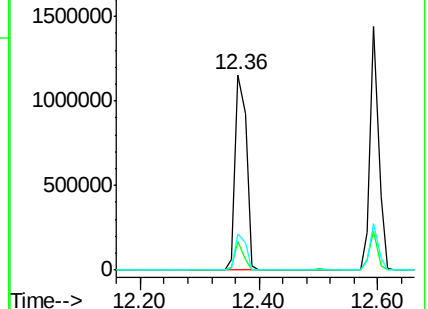
203 18.3 0.0 38.4

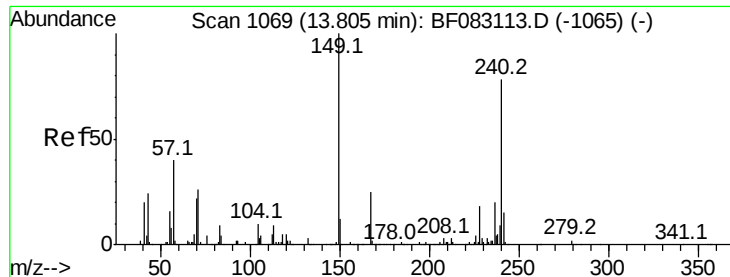


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

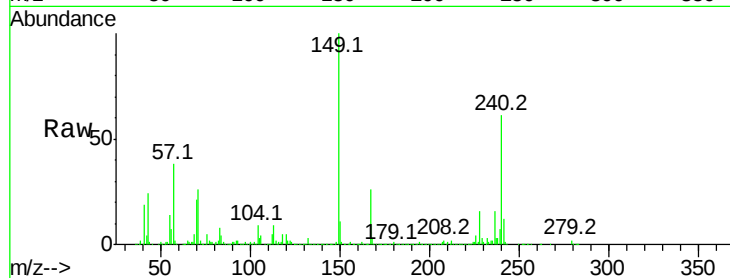
Tot Ion:240 Resp: 584922

Ion Ratio Lower Upper

240 100

120 9.0 5.4 8.2#

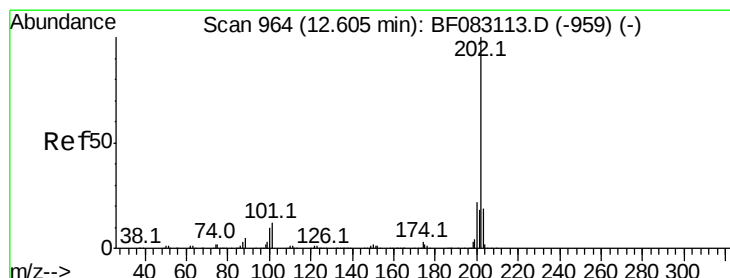
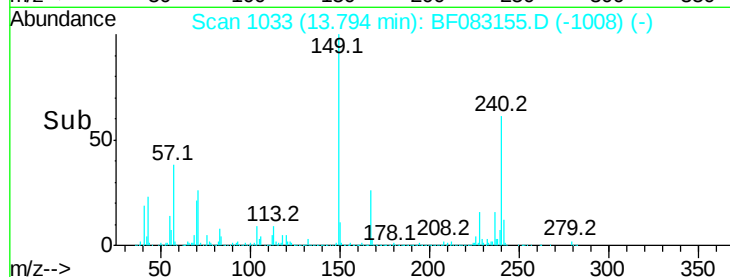
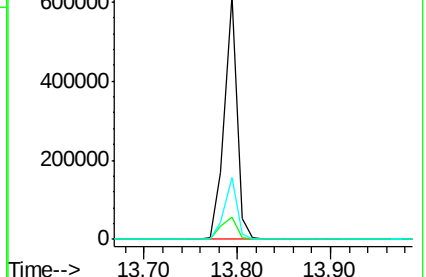
236 25.6 20.6 31.0



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: 36.36 ng

RT: 12.59 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

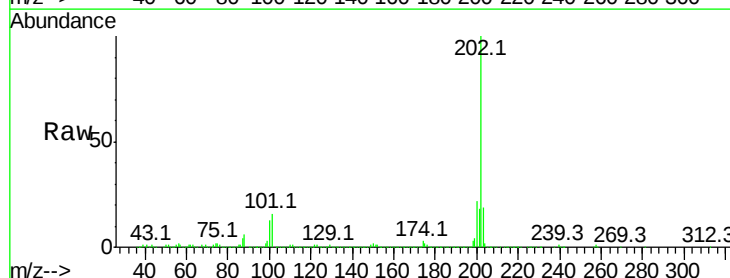
Tgt Ion:202 Resp: 1453105

Ion Ratio Lower Upper

202 100

200 22.3 17.8 26.6

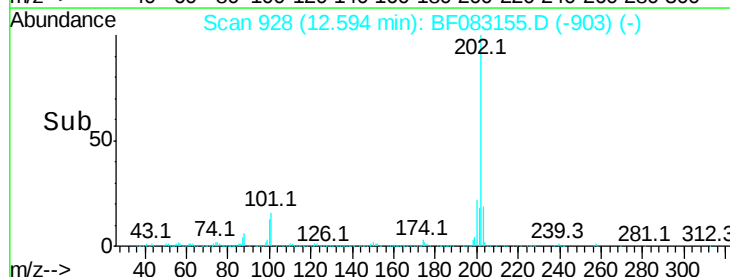
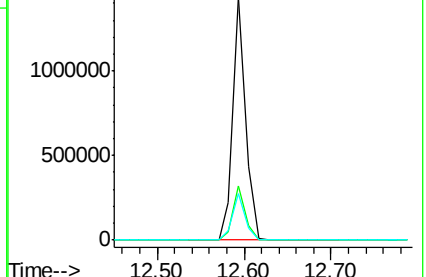
203 19.2 15.0 22.4

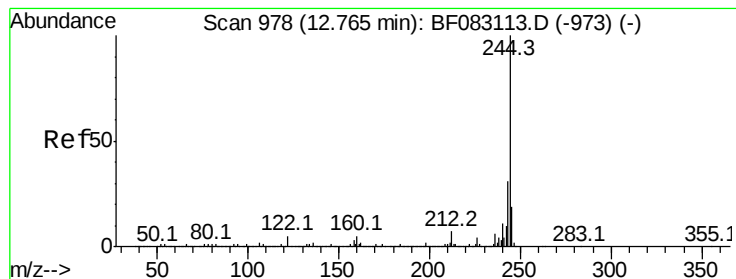


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 64.71 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

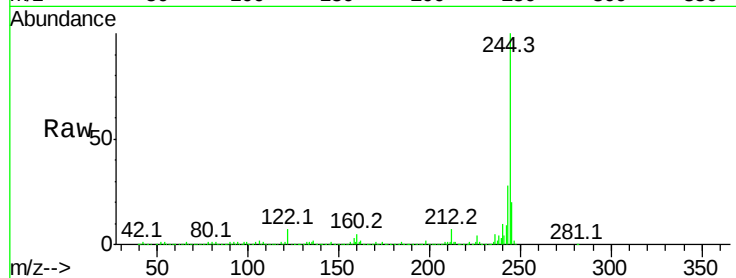
Tot Ion:244 Resp: 1607315

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

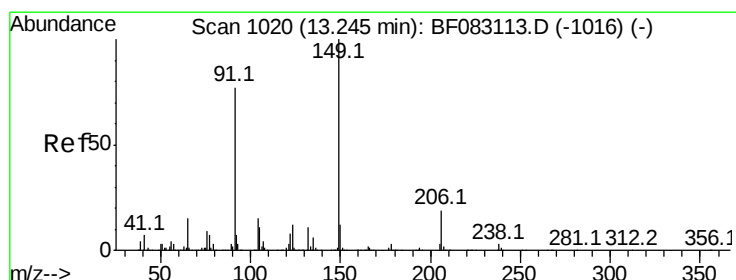
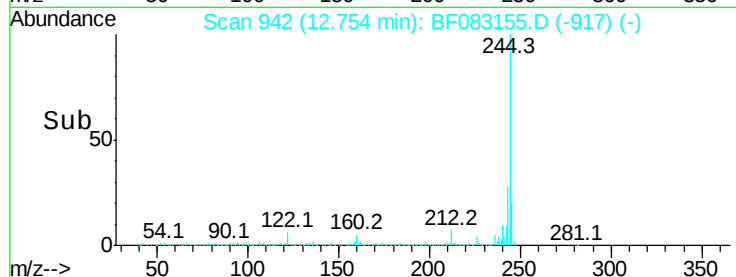
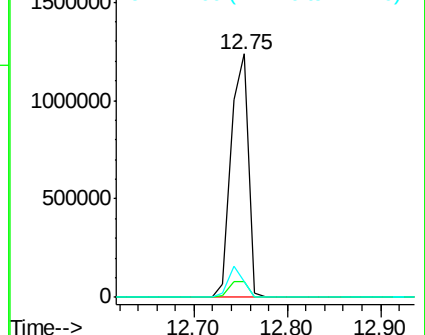
122 6.6 4.3 6.5#



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



#79

Butylbenzylphthalate

Concen: 40.71 ng

RT: 13.23 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

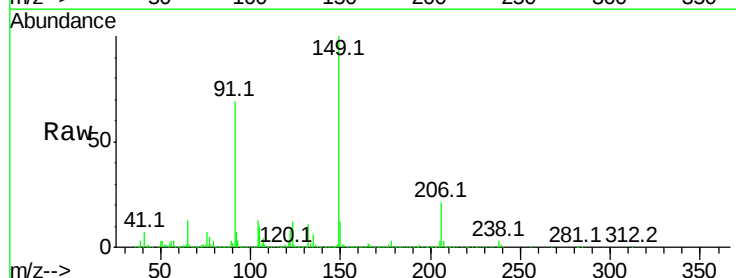
Tgt Ion:149 Resp: 769995

Ion Ratio Lower Upper

149 100

91 68.7 61.5 92.3

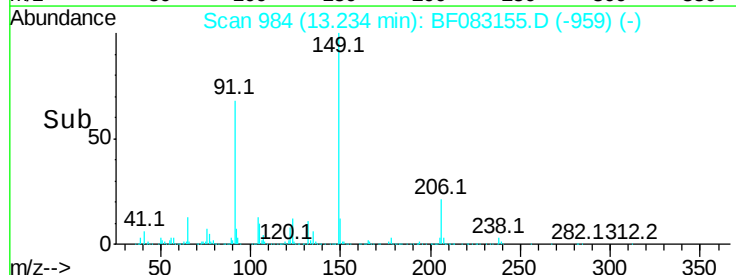
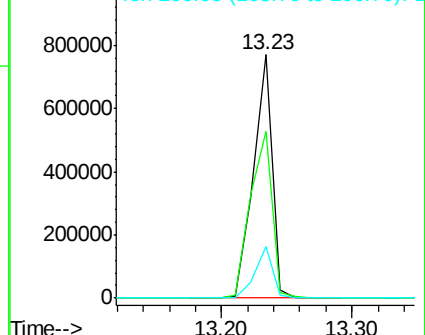
206 21.3 15.3 22.9

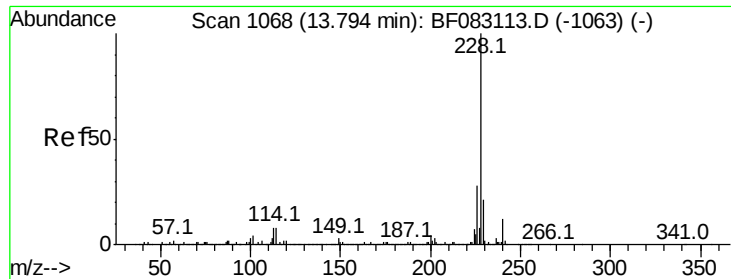


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 35.95 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

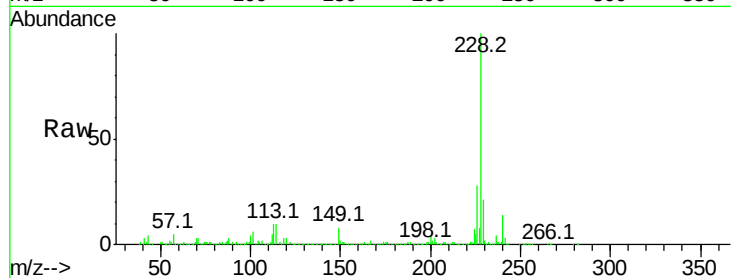
Tot Ion:228 Resp: 1300574

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	21.0	16.6	24.8

228 100

226 28.2 22.6 33.8

229 21.0 16.6 24.8

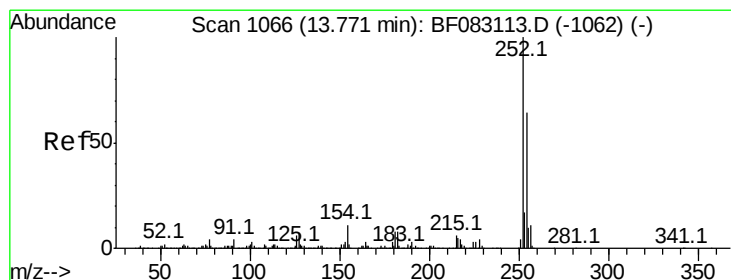
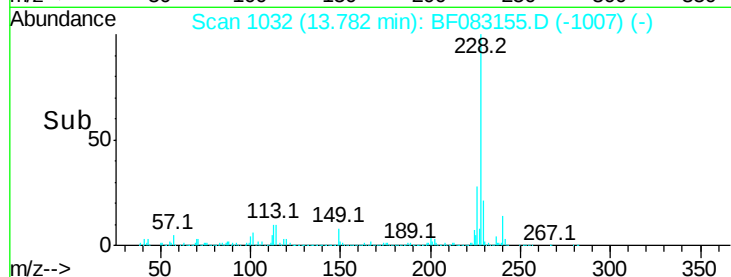
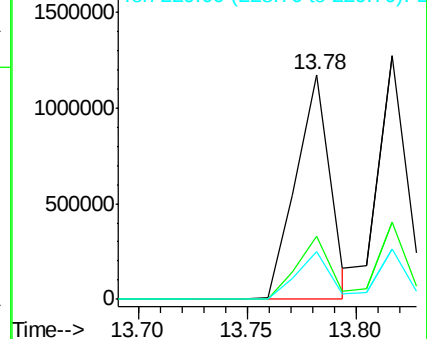


Abundance

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: 12.75 ng

RT: 13.75 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

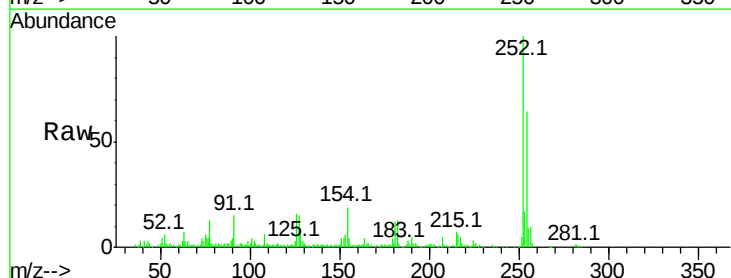
Tgt Ion:252 Resp: 160538

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.5	77.3
126	15.8	5.2	7.8

252 100

254 64.3 51.5 77.3

126 15.8 5.2 7.8

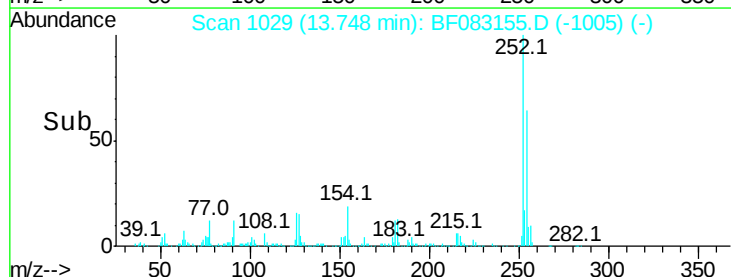
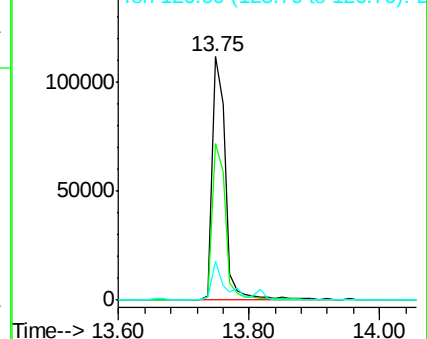


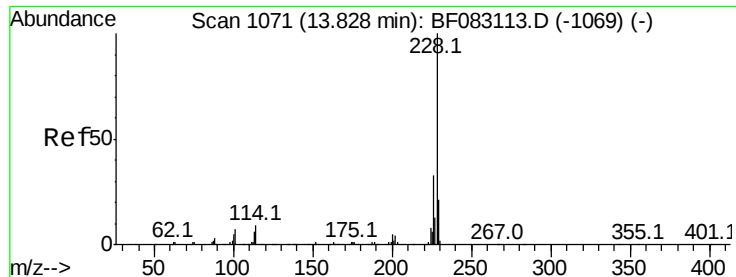
Abundance

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: 31.67 ng

RT: 13.82 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

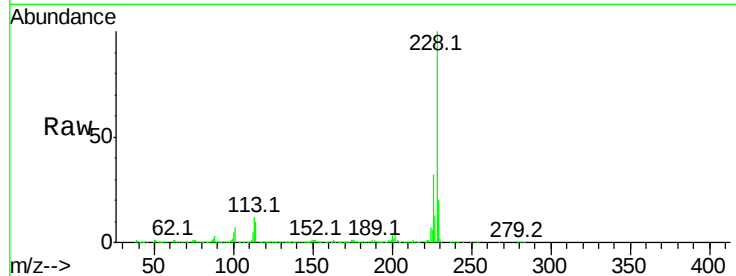
BNA_F

ClientSampleId :

MW-02MS

Tot Ion:228 Resp: 1062487

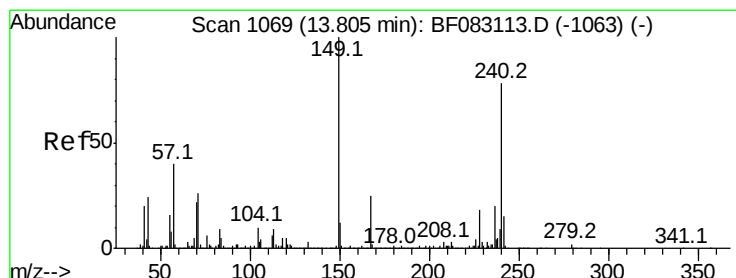
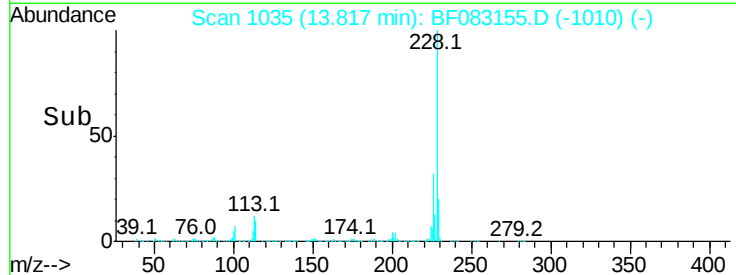
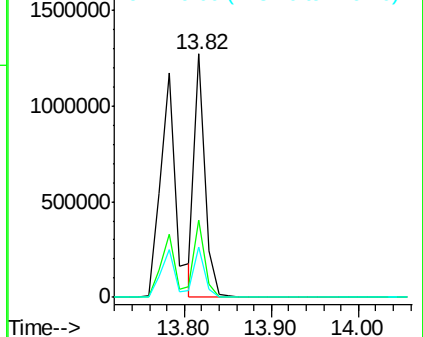
Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.5	38.3
229	20.5	16.6	25.0



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: 39.45 ng

RT: 13.79 min Scan# 1033

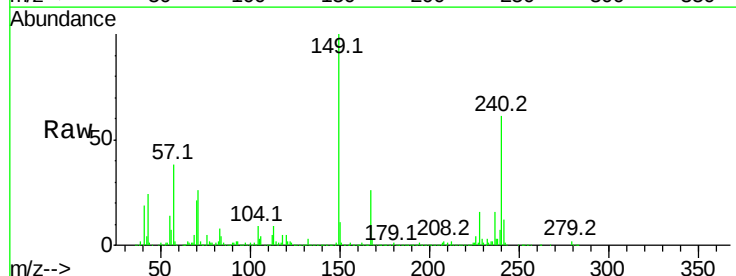
Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Tgt Ion:149 Resp: 974548

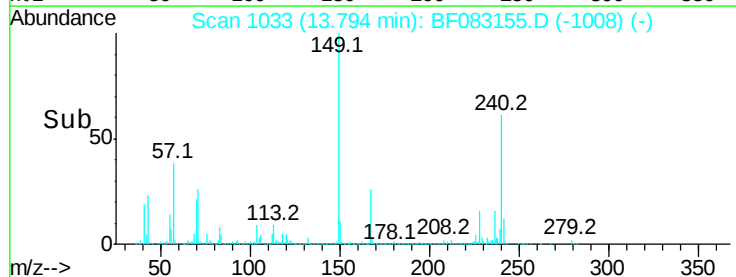
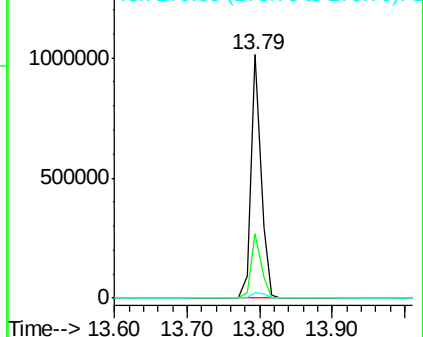
Ion	Ratio	Lower	Upper
149	100		
167	26.3	20.1	30.1
279	2.4	1.7	2.5

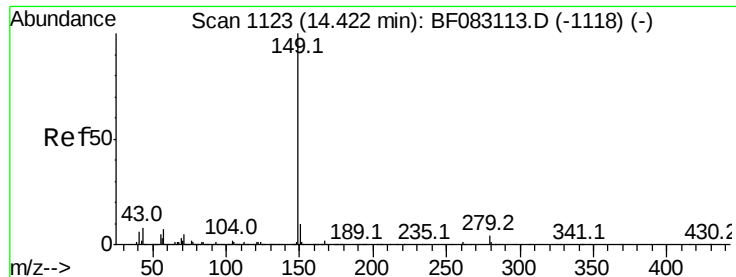


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 38.25 ng

RT: 14.40 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

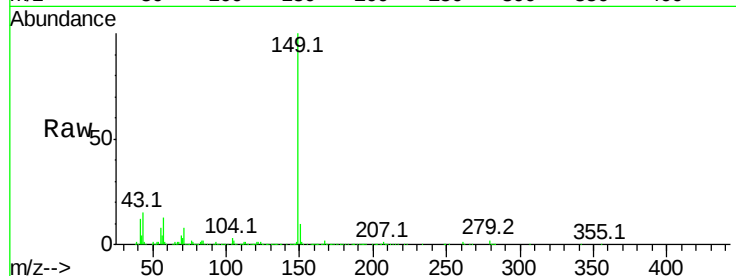
Tot Ion:149 Resp: 1626398

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

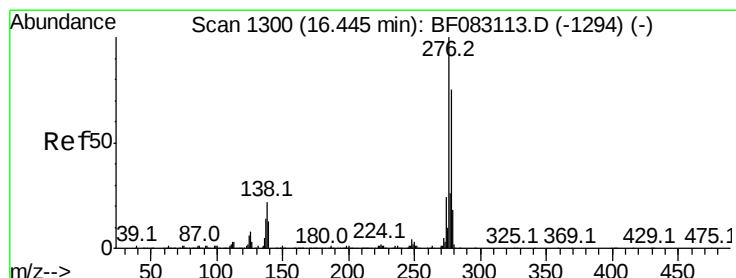
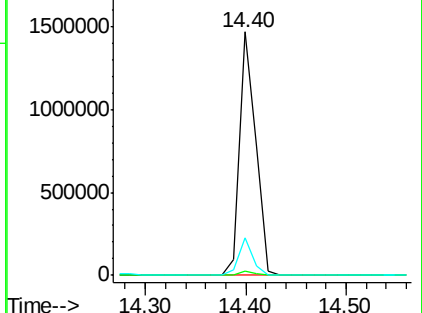
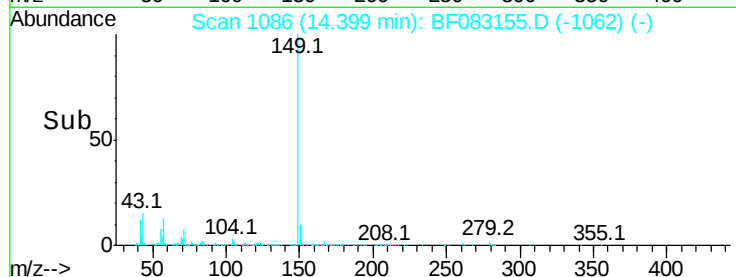
43 13.0 9.5 14.3



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): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 36.54 ng

RT: 16.42 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

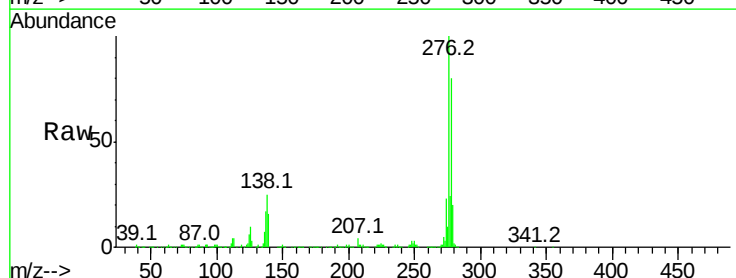
Tgt Ion:276 Resp: 1114994

Ion Ratio Lower Upper

276 100

138 25.2 18.0 27.0

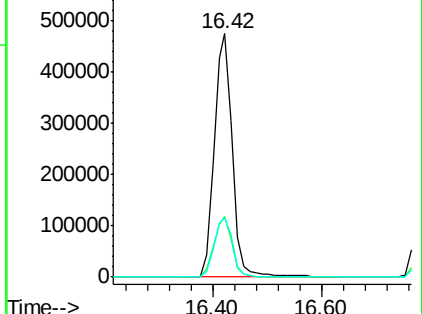
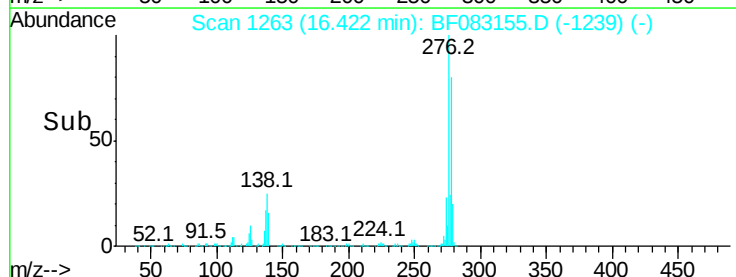
277 24.9 20.2 30.4

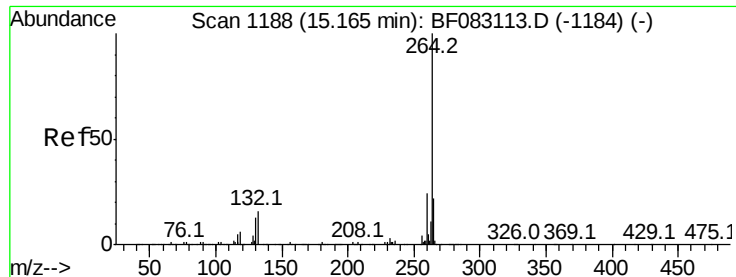


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

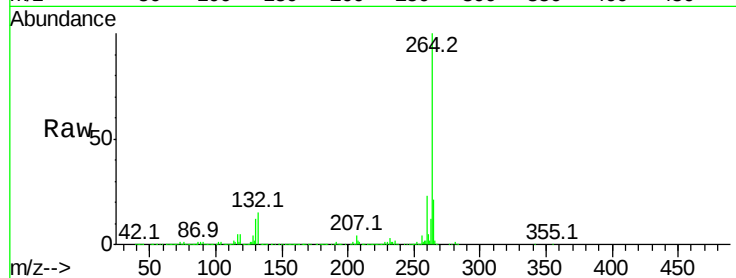
Tot Ion:264 Resp: 514417

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

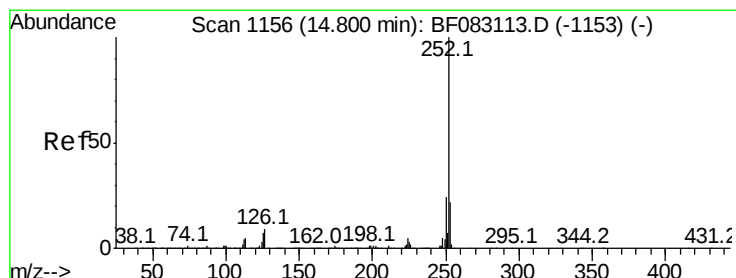
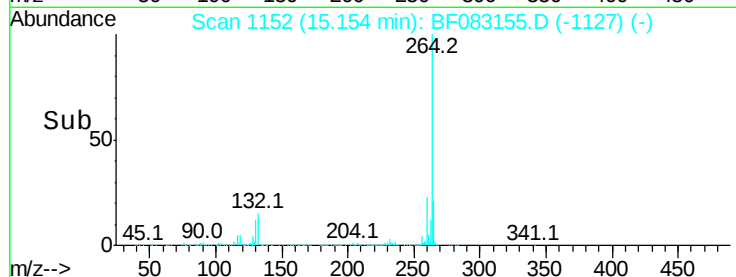
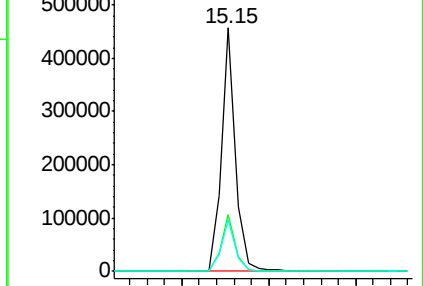
265 21.3 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 61.79 ng

RT: 14.81 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

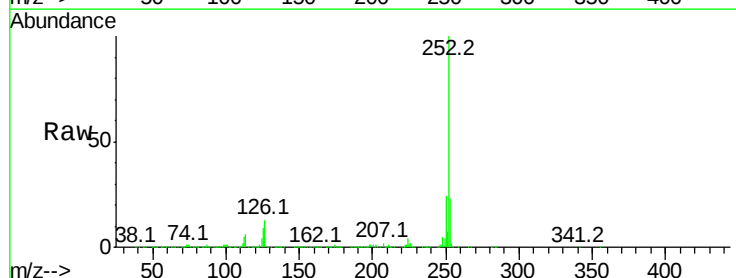
Tgt Ion:252 Resp: 2171696

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

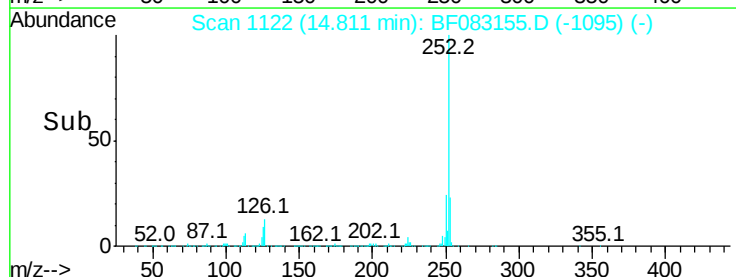
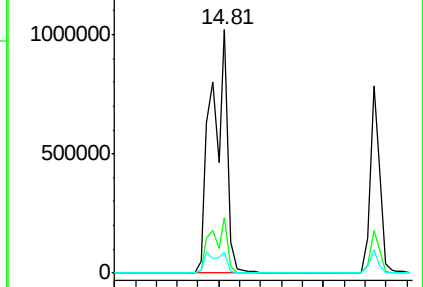
125 8.8 5.6 8.4#

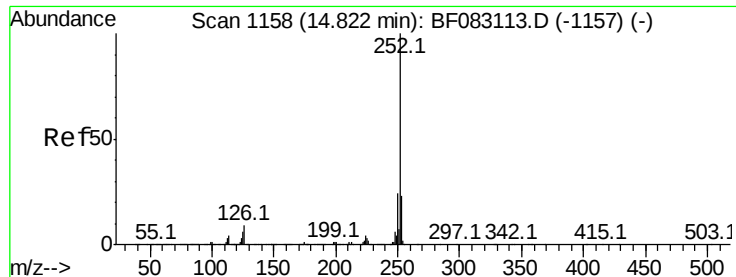


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 82.96 ng

RT: 14.81 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

Instrument :

BNA_F

ClientSampleId :

MW-02MS

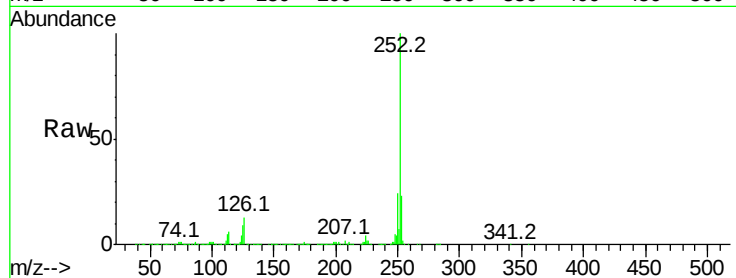
Tot Ion:252 Resp: 2172613

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

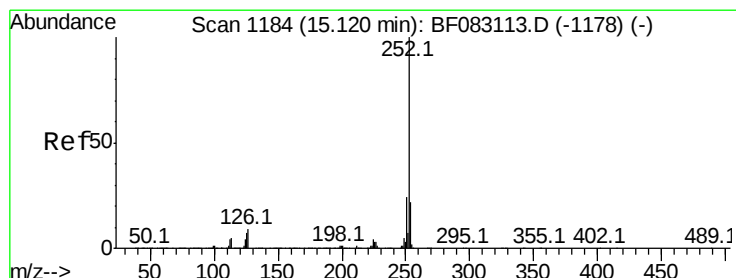
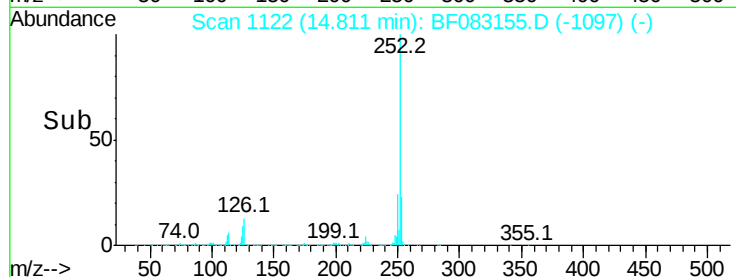
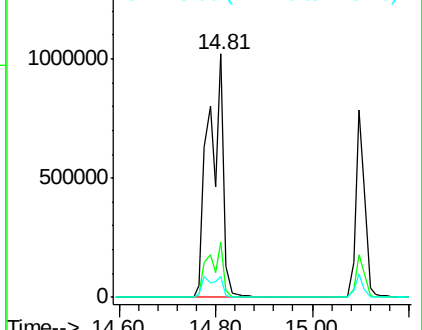
125 8.8 6.8 10.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 34.88 ng

RT: 15.10 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BF083155.D

Acq: 22 Nov 2015 13:21

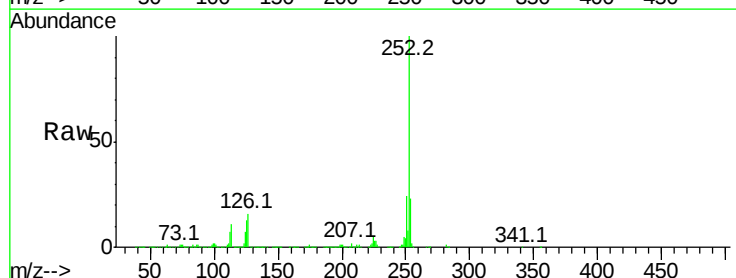
Tgt Ion:252 Resp: 1012056

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

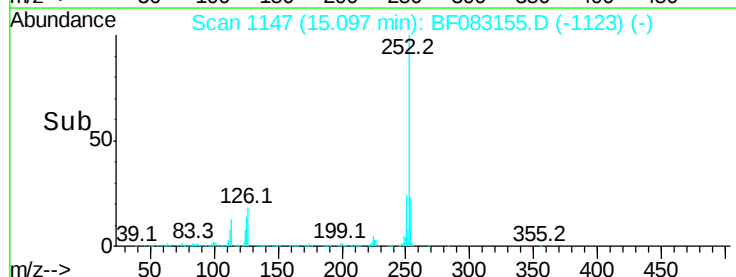
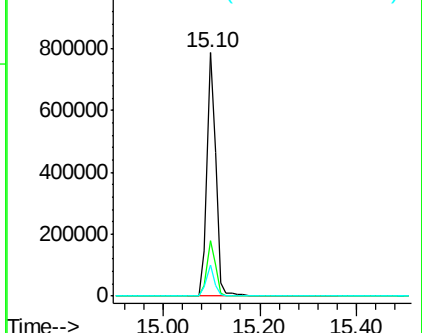
125 12.6 5.4 8.0#

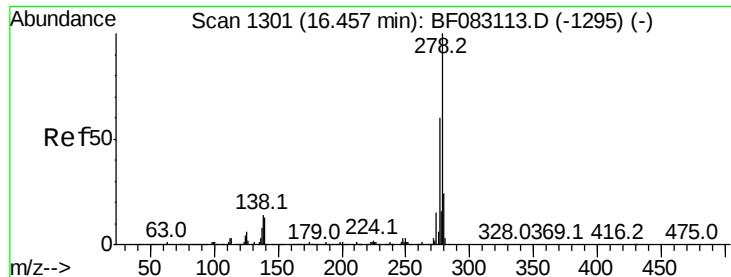


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

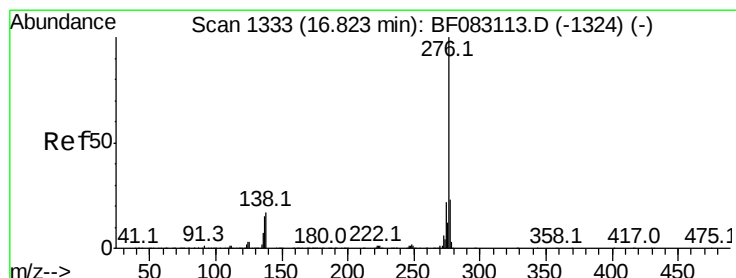
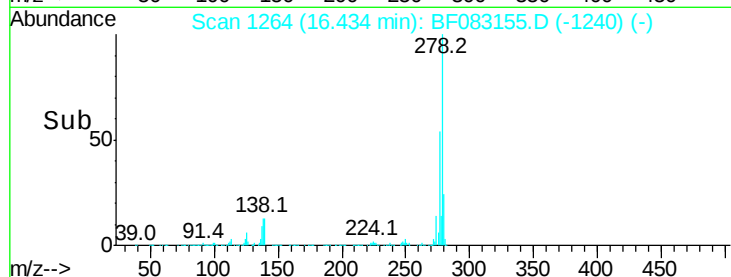
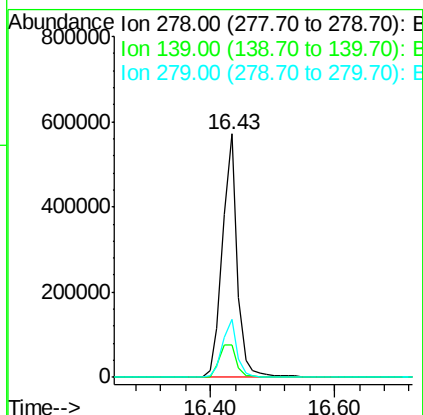
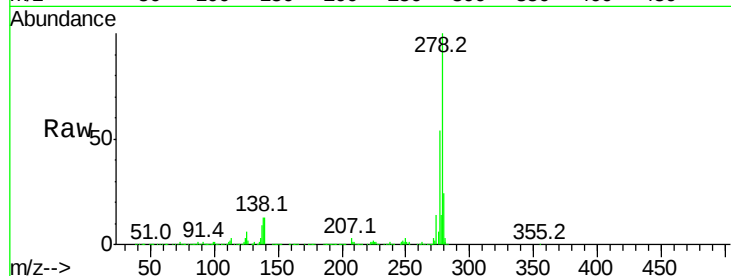




#90
Dibenzo(a,h)anthracene
Concen: 35.65 ng
RT: 16.43 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF083155.D
Acq: 22 Nov 2015 13:21

Instrument :
BNA_F
ClientSampleId :
MW-02MS

Tot Ion:278 Resp: 939829
Ion Ratio Lower Upper
278 100
139 13.5 10.7 16.1
279 23.9 19.3 28.9



#91
Benzo(g,h,i)perylene
Concen: 36.05 ng
RT: 16.80 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF083155.D
Acq: 22 Nov 2015 13:21

Tgt Ion:276 Resp: 927637
Ion Ratio Lower Upper
276 100
277 23.2 18.7 28.1
138 18.3 13.9 20.9

