

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083522.D
 Acq On : 5 Dec 2015 23:18
 Operator : UM/IZ
 Sample : G4588-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Dec 07 00:22:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

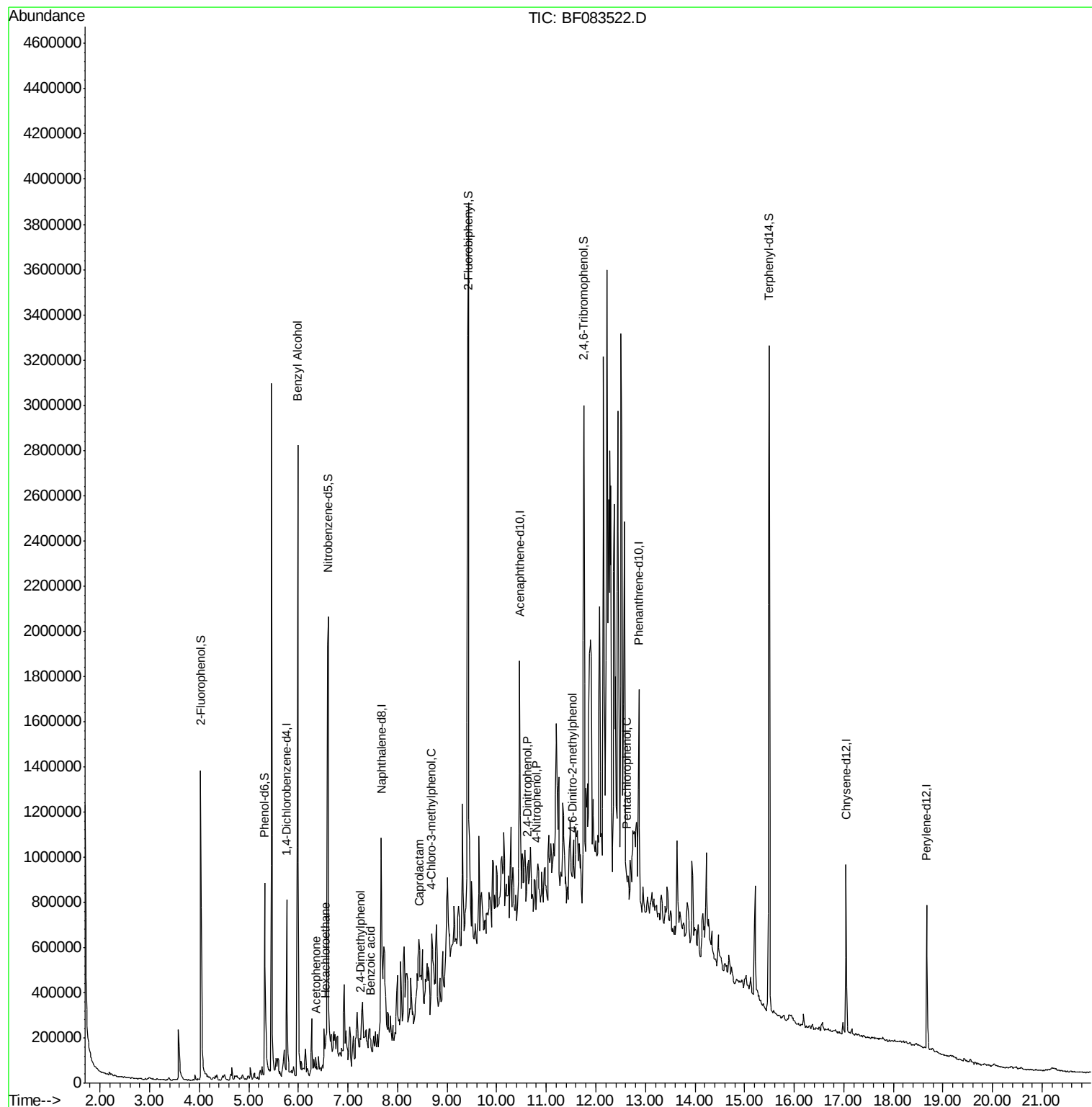
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	148079	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	559983	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	296045	20.00	ng	0.00
63) Phenanthrene-d10	12.87	188	468646	20.00	ng	0.01
75) Chrysene-d12	17.05	240	349265	20.00	ng	0.00
86) Perylene-d12	18.67	264	320458	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.03	112	555969	56.96	ng	0.00
7) Phenol-d6	5.32	99	490799	36.50	ng	0.00
23) Nitrobenzene-d5	6.60	82	1103629	92.12	ng	0.00
41) 2,4,6-Tribromophenol	11.76	330	337843	123.71	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	1702307	77.99	ng	0.00
78) Terphenyl-d14	15.49	244	1384663	88.22	ng	0.01
Target Compounds						
15) Benzyl Alcohol	5.98	79	20172	2.16	ng	# 46
18) Hexachloroethane	6.54	117	20062	4.68	ng	# 9
22) Acetophenone	6.35	105	41776	2.59	ng	# 57
27) 2,4-Dimethylphenol	7.24	122	26433	2.87	ng	# 92
32) Benzoic acid	7.46	122	1828	2.99	ng	# 1
35) Caprolactam	8.44	113	10110	3.83	ng	# 1
36) 4-Chloro-3-methylphenol	8.68	107	64207	6.87	ng	# 27
53) 2,4-Dinitrophenol	10.61	184	1034	7.95	ng	# 1
55) 4-Nitrophenol	10.81	139	9782	3.28	ng	# 1
64) 4,6-Dinitro-2-methylphenol	11.53	198	2932	4.34	ng	# 1
69) Pentachlorophenol	12.61	266	1658	5.08	ng	# 86

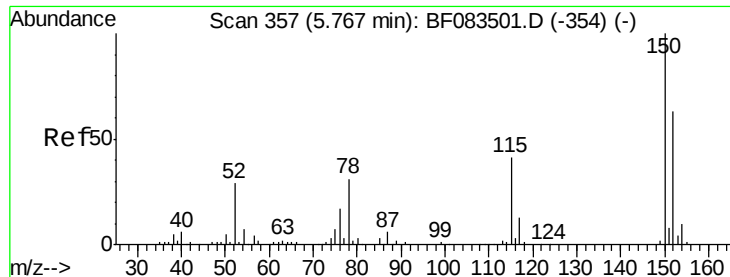
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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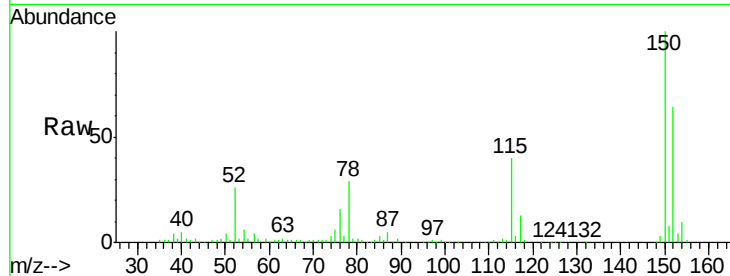


#1

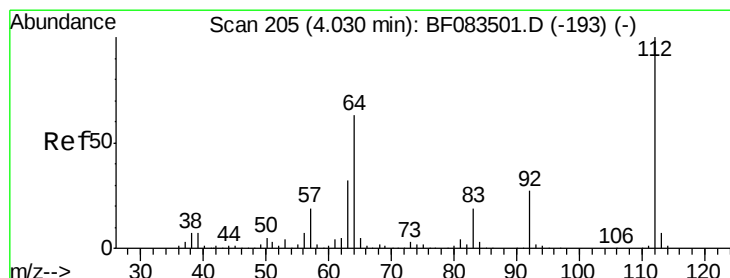
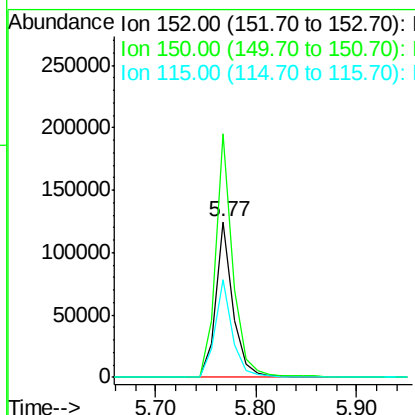
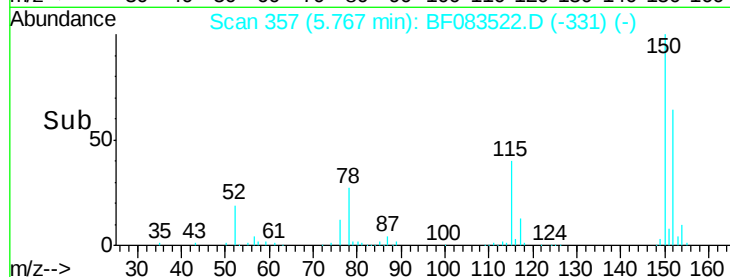
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 357
Delta R.T. 0.00 min
Lab File: BF083522.D
Acq: 5 Dec 2015 23:18

Instrument :
BNA_F
ClientSampled :
MW-06

Tot Ion:152 Resp: 148079
Ion Ratio Lower Upper
152 100
150 156.4 126.5 189.7
115 62.7 52.3 78.5



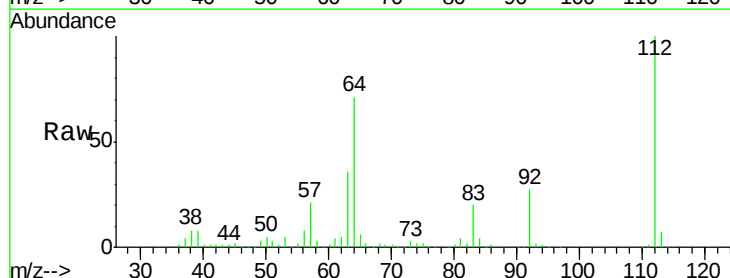
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



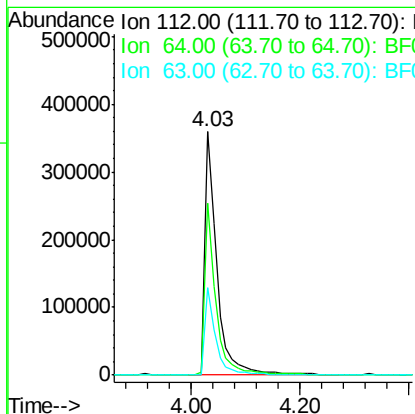
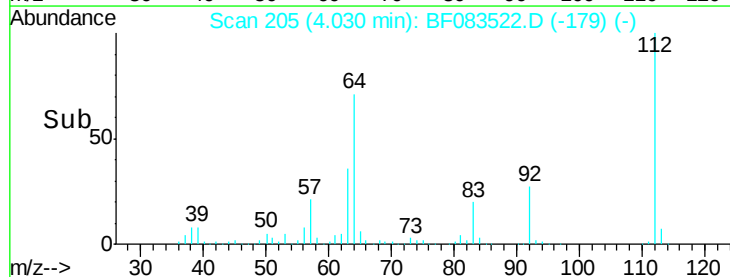
#5

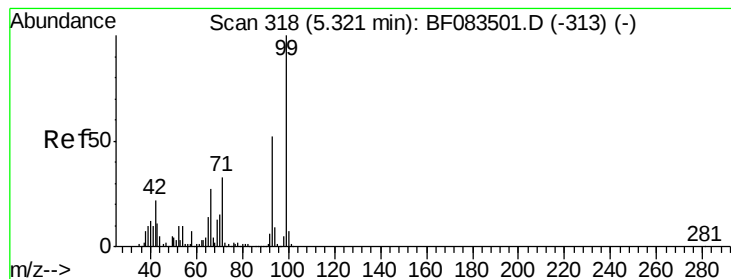
2-Fluorophenol
Concen: 56.96 ng
RT: 4.03 min Scan# 205
Delta R.T. 0.00 min
Lab File: BF083522.D
Acq: 5 Dec 2015 23:18

Tgt Ion:112 Resp: 555969
Ion Ratio Lower Upper
112 100
64 70.6 50.5 75.7
63 35.7 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.50 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083522.D

Acq: 5 Dec 2015 23:18

Instrument :

BNA_F

ClientSampleId :

MW-06

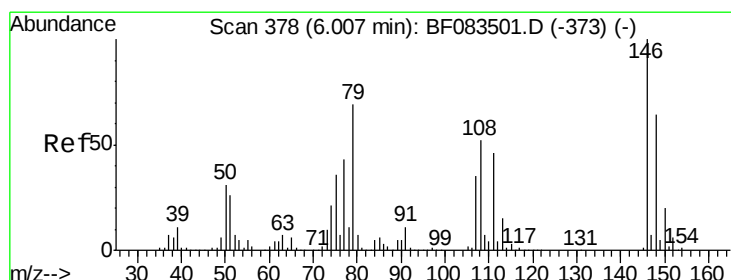
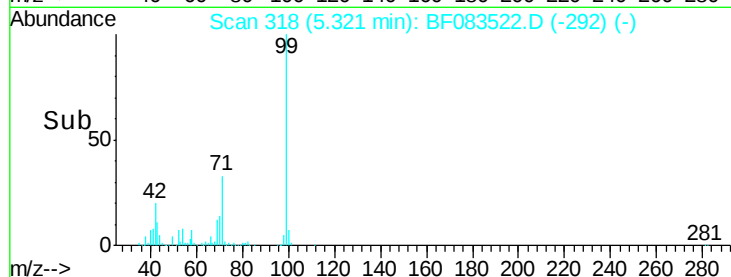
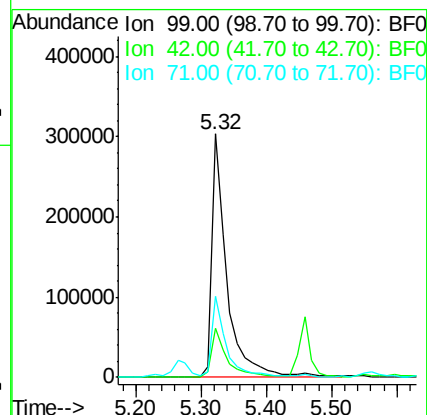
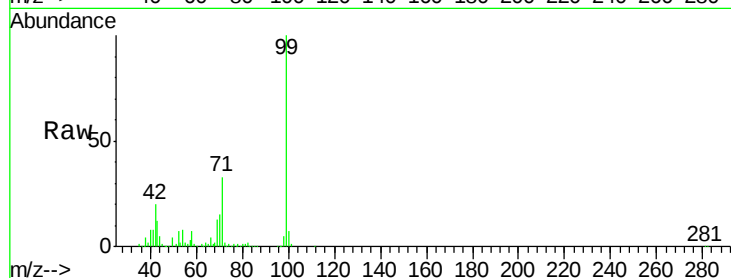
Tot Ion: 99 Resp: 490799

Ion Ratio Lower Upper

99 100

42 20.3 17.3 25.9

71 33.1 26.6 40.0



#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 5.98 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF083522.D

Acq: 5 Dec 2015 23:18

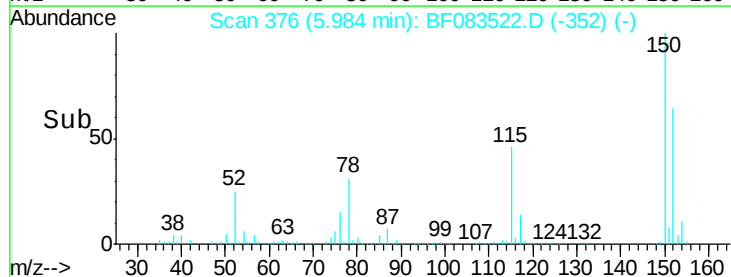
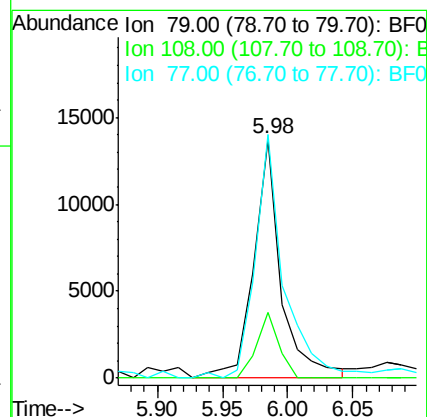
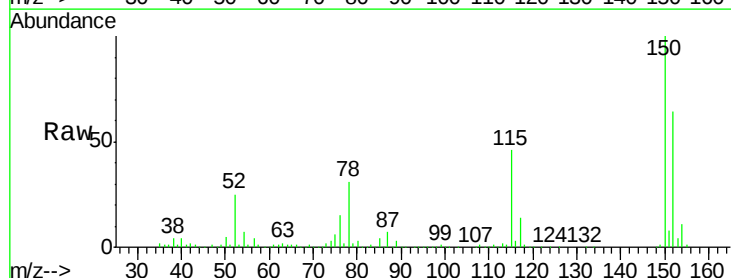
Tgt Ion: 79 Resp: 20172

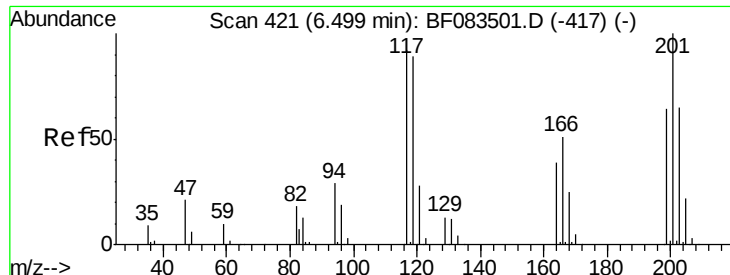
Ion Ratio Lower Upper

79 100

108 27.5 59.6 89.4#

77 101.9 49.8 74.6#

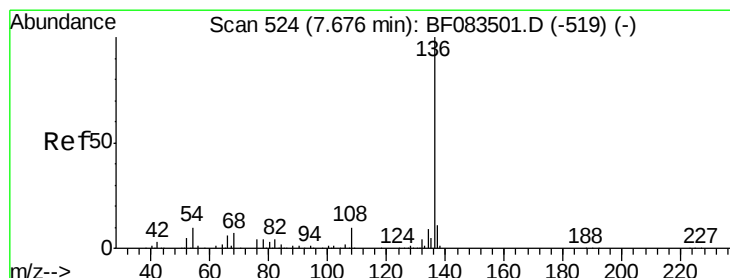
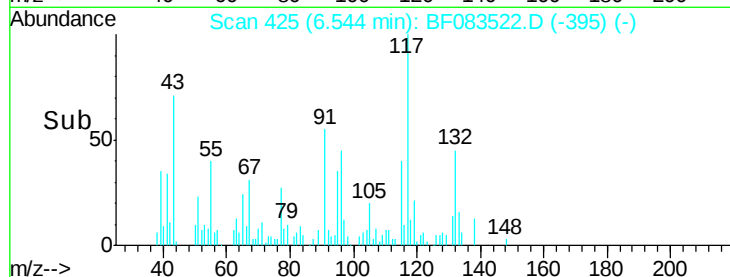
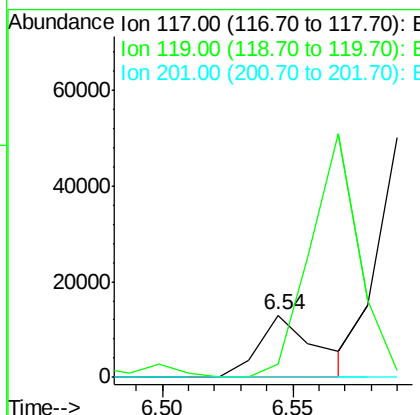
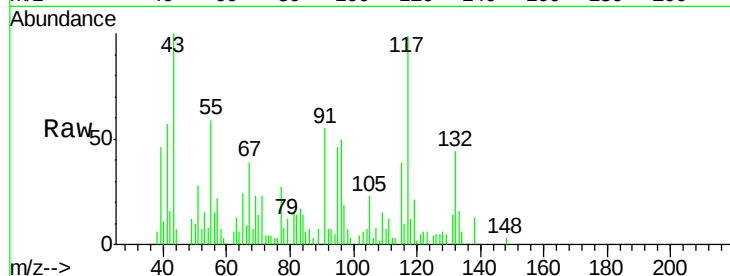




#18
Hexachloroethane
Concen: 4.68 ng
RT: 6.54 min Scan# 425
Delta R.T. 0.05 min
Lab File: BF083522.D
Acq: 5 Dec 2015 23:18

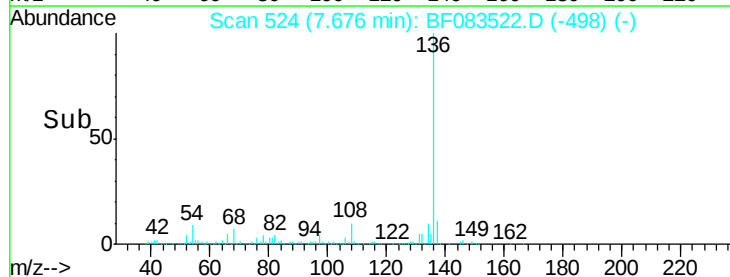
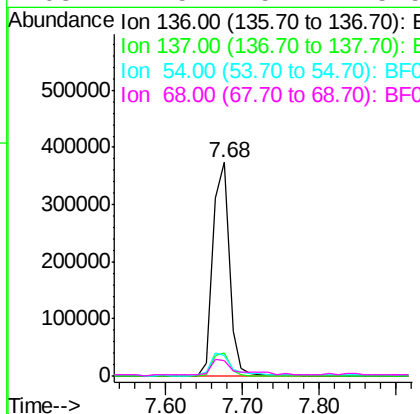
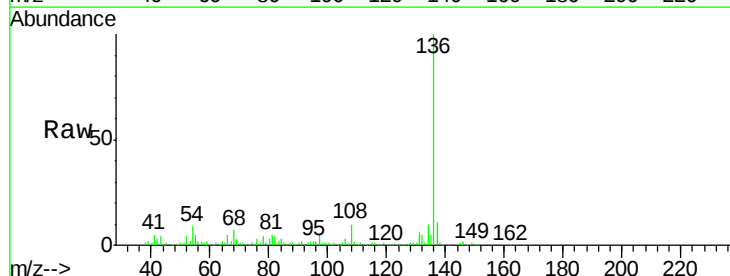
Instrument :
BNA_F
ClientSampleId :
MW-06

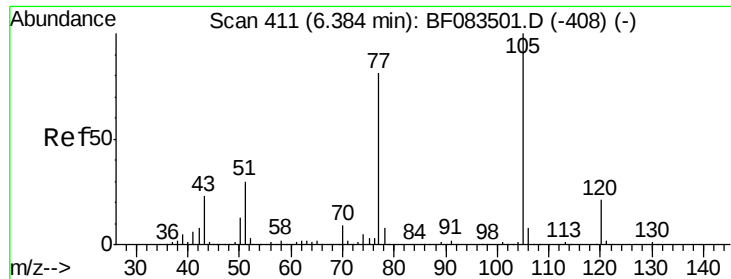
Tot Ion:117 Resp: 20062
Ion Ratio Lower Upper
117 100
119 21.3 77.2 115.8#
201 0.0 86.8 130.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.68 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF083522.D
Acq: 5 Dec 2015 23:18

Tgt Ion:136 Resp: 559983
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 9.4 7.8 11.6
68 7.5 5.7 8.5





#22

Acetophenone

Concen: 2.59 ng

RT: 6.35 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF083522.D

Acq: 5 Dec 2015 23:18

Instrument :

BNA_F

ClientSampleId :

MW-06

Tot Ion:105 Resp: 41776

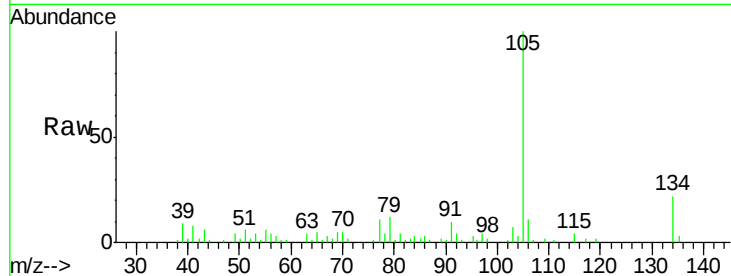
Ion Ratio Lower Upper

105 100

71 2.2 1.3 1.9#

51 6.4 23.8 35.8#

120 0.0 16.7 25.1#

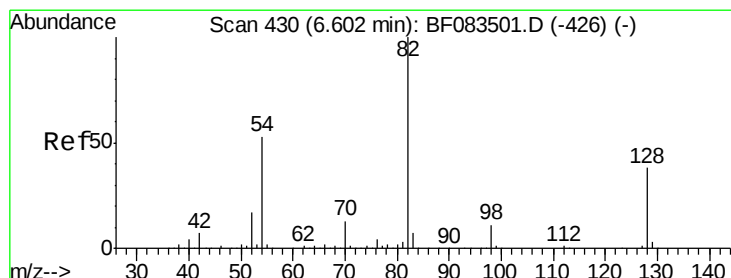
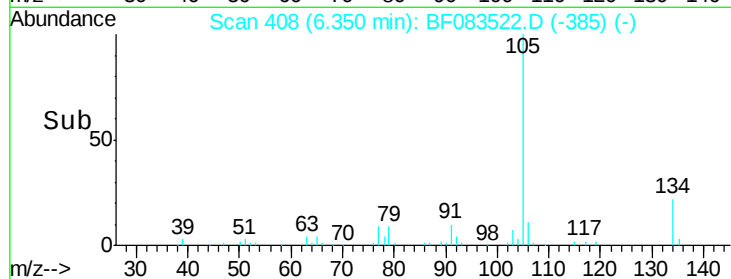
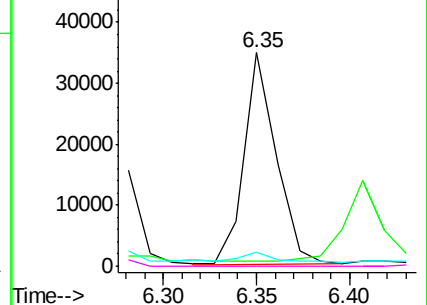


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 92.12 ng

RT: 6.60 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF083522.D

Acq: 5 Dec 2015 23:18

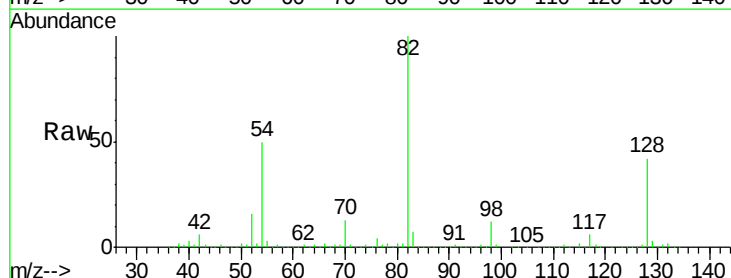
Tgt Ion: 82 Resp: 1103629

Ion Ratio Lower Upper

82 100

128 42.4 30.7 46.1

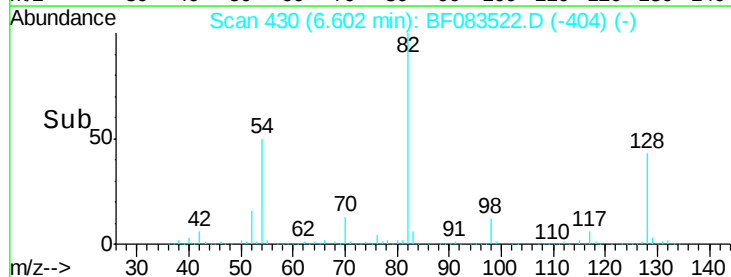
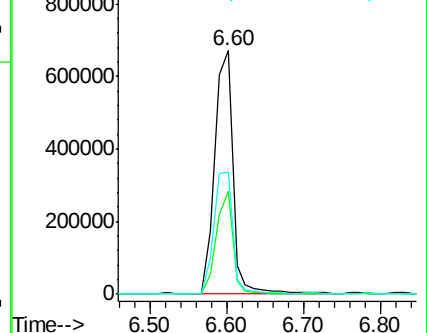
54 49.9 42.5 63.7

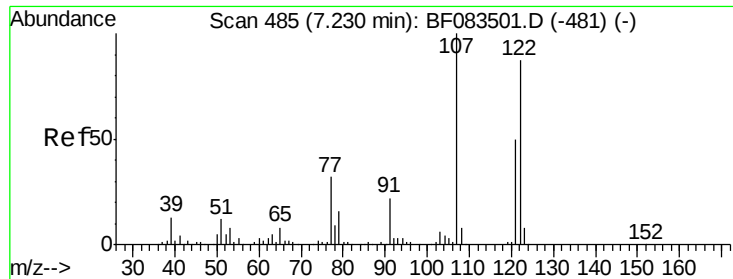


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

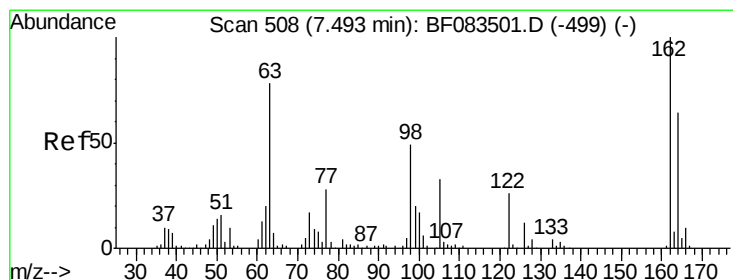
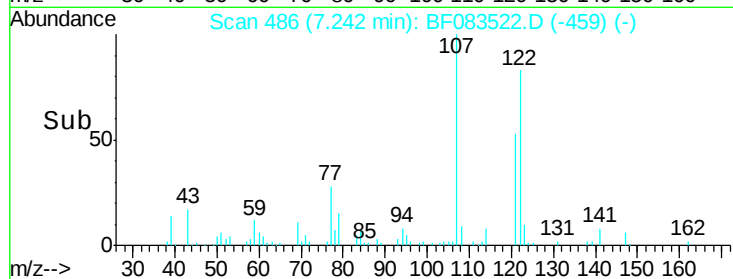
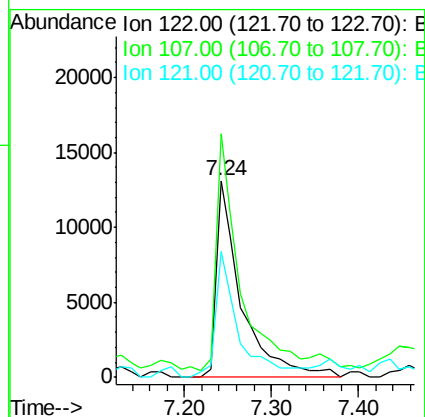
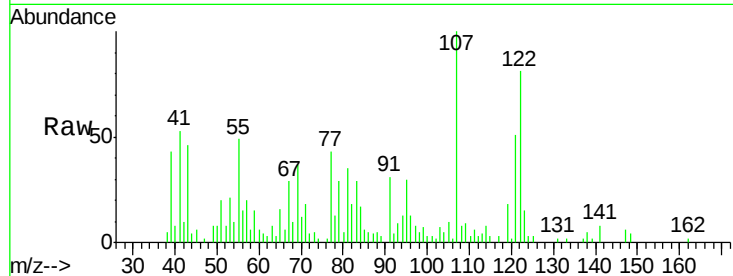




#27
2,4-Dimethylphenol
Concen: 2.87 ng
RT: 7.24 min Scan# 486
Delta R.T. 0.01 min
Lab File: BF083522.D
Acq: 5 Dec 2015 23:18

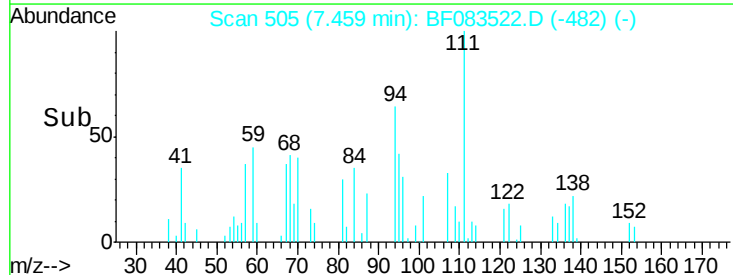
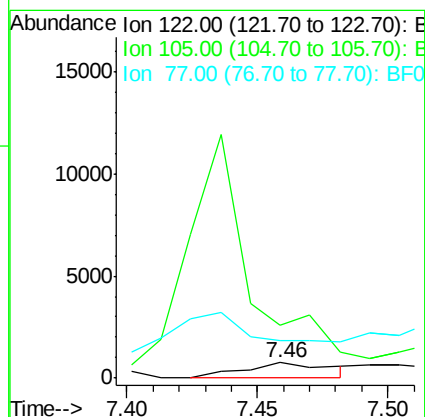
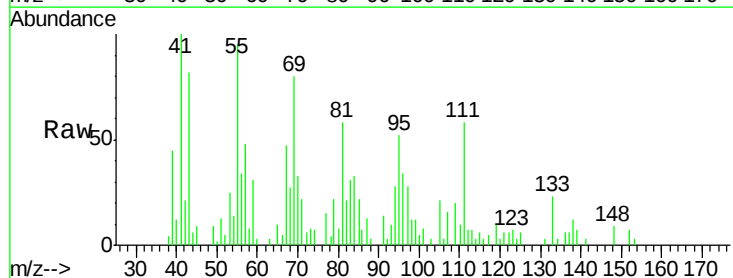
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MW-06

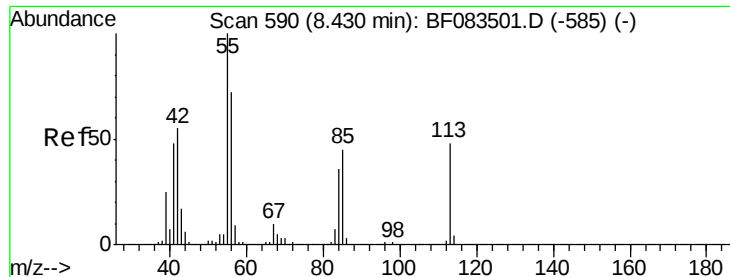
Tot Ion:122 Resp: 26433
Ion Ratio Lower Upper
122 100
107 123.8 92.4 138.6
121 63.7 45.8 68.6



#32
Benzoic acid
Concen: 2.99 ng
RT: 7.46 min Scan# 505
Delta R.T. -0.03 min
Lab File: BF083522.D
Acq: 5 Dec 2015 23:18

Tgt Ion:122 Resp: 1828
Ion Ratio Lower Upper
122 100
105 346.0 105.6 145.6#
77 246.5 86.8 126.8#

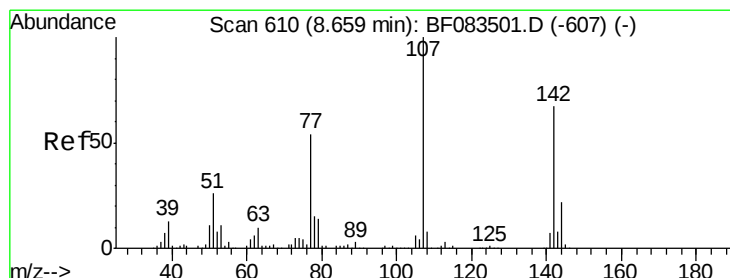
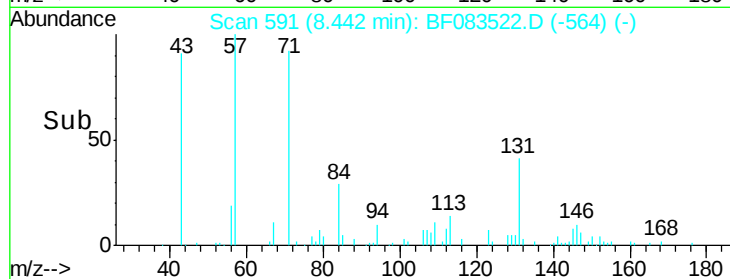
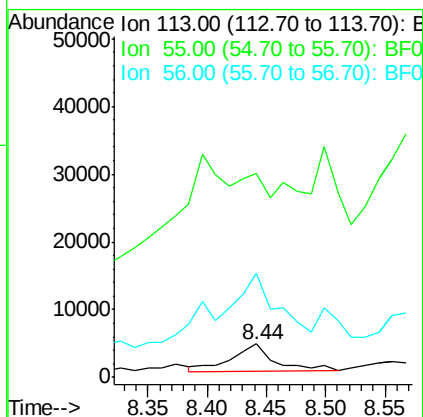
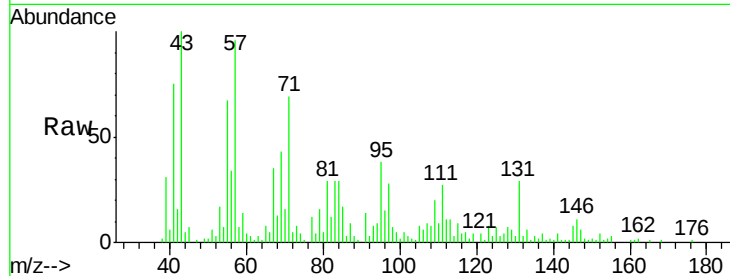




#35
Caprolactam
Concen: 3.83 ng
RT: 8.44 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF083522.D
Acq: 5 Dec 2015 23:18

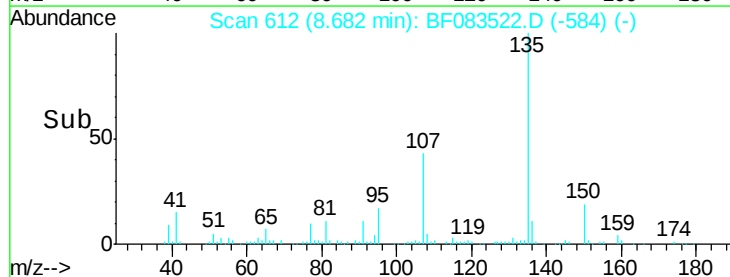
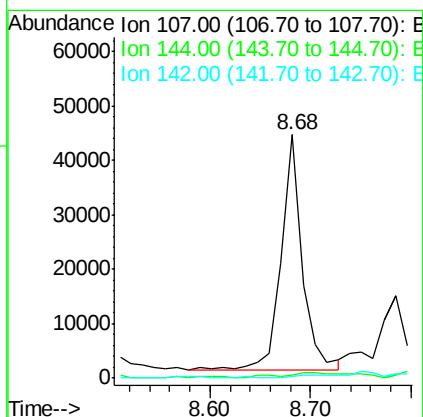
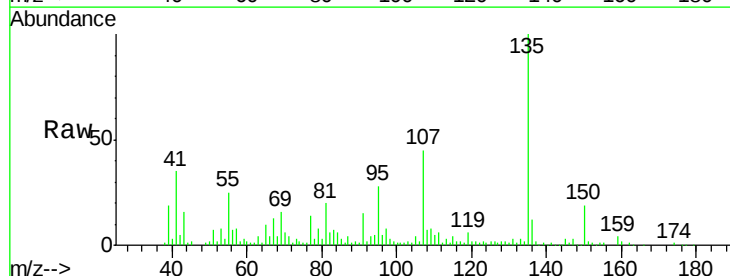
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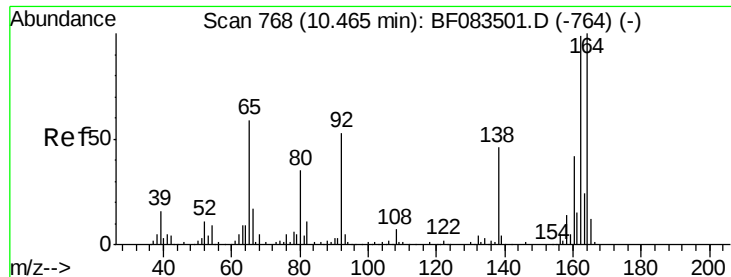
Tot Ion:113 Resp: 10110
Ion Ratio Lower Upper
113 100
55 608.1 189.7 229.7#
56 308.8 130.7 170.7#



#36
4-Chloro-3-methylphenol
Concen: 6.87 ng
RT: 8.68 min Scan# 612
Delta R.T. 0.02 min
Lab File: BF083522.D
Acq: 5 Dec 2015 23:18

Tgt Ion:107 Resp: 64207
Ion Ratio Lower Upper
107 100
144 1.0 17.5 26.3#
142 0.8 53.6 80.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.46 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF083522.D

Acq: 5 Dec 2015 23:18

Instrument :

BNA_F

ClientSampleId :

MW-06

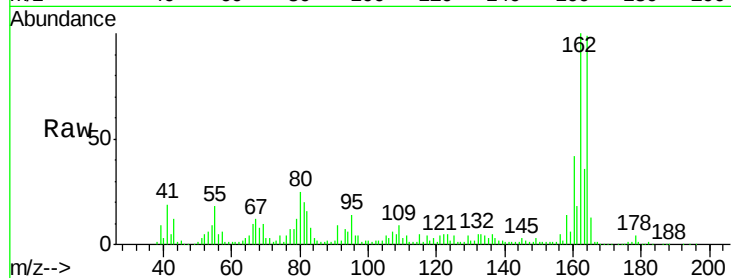
Tot Ion:164 Resp: 296045

Ion Ratio Lower Upper

164 100

162 101.4 78.8 118.2

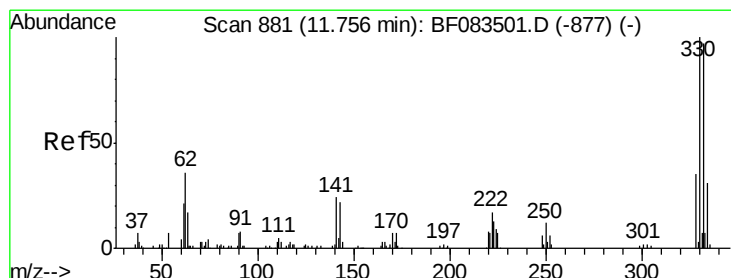
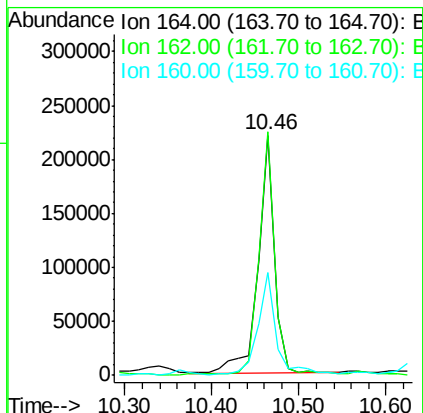
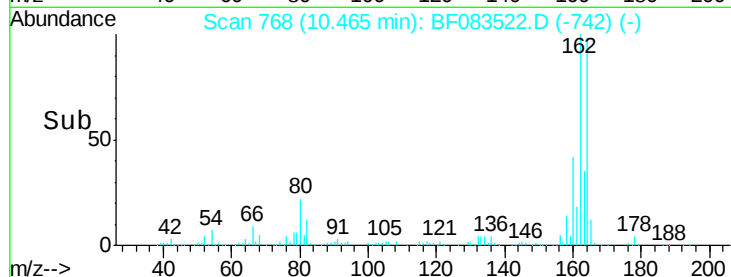
160 42.9 33.4 50.2



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



#41

2,4,6-Tribromophenol

Concen: 123.71 ng

RT: 11.76 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF083522.D

Acq: 5 Dec 2015 23:18

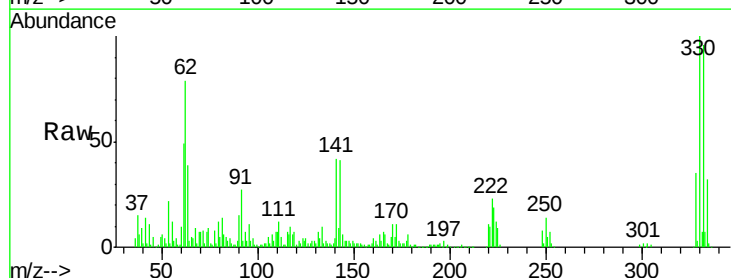
Tgt Ion:330 Resp: 337843

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

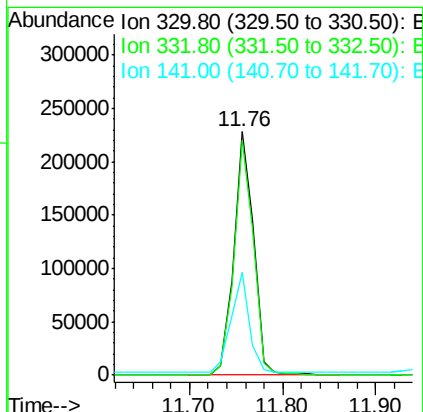
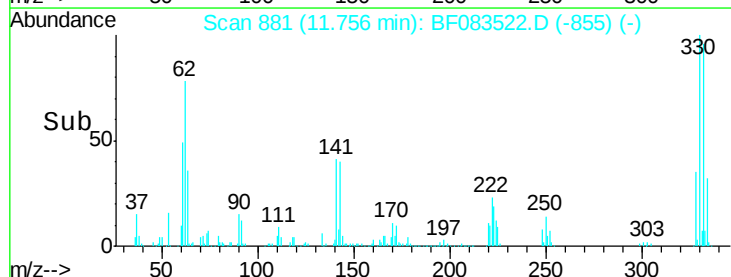
141 38.2 0.0 0.0#

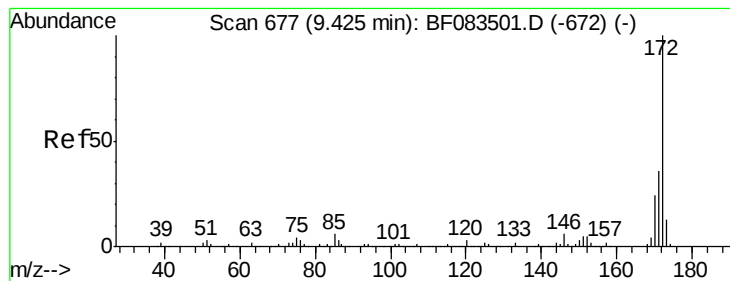


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

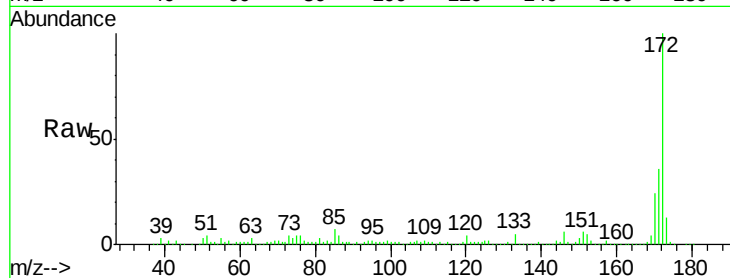




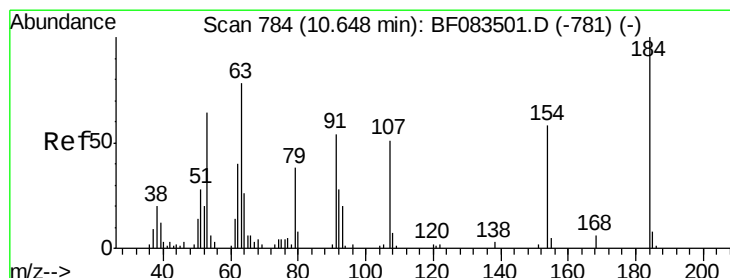
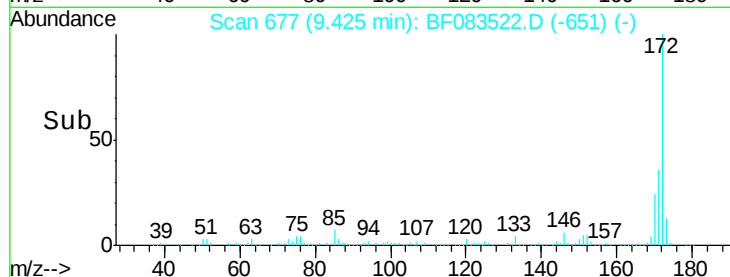
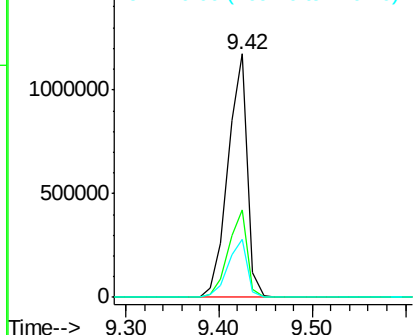
#44
 2-Fluorobiphenyl
 Concen: 77.99 ng
 RT: 9.42 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF083522.D
 Acq: 5 Dec 2015 23:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tot Ion:172 Resp: 1702307
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 42.8
 170 24.0 19.4 29.0

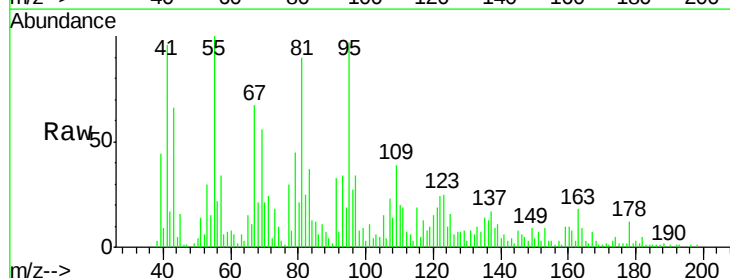


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

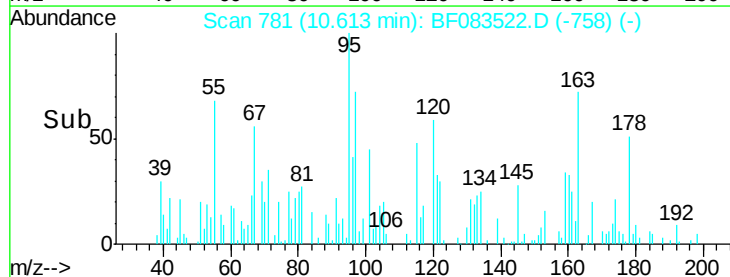
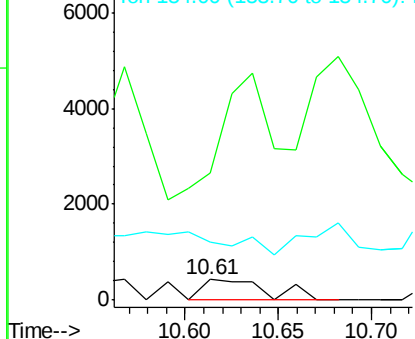


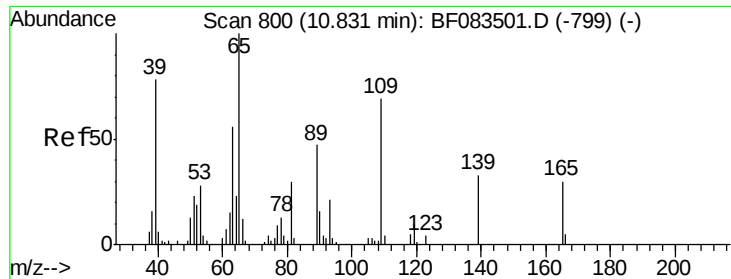
#53
 2,4-Dinitrophenol
 Concen: 7.95 ng
 RT: 10.61 min Scan# 781
 Delta R.T. -0.03 min
 Lab File: BF083522.D
 Acq: 5 Dec 2015 23:18

Tgt Ion:184 Resp: 1034
 Ion Ratio Lower Upper
 184 100
 63 623.7 62.4 93.6#
 154 282.6 46.6 69.8#



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

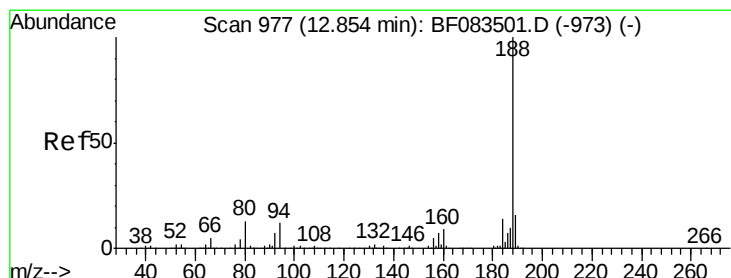
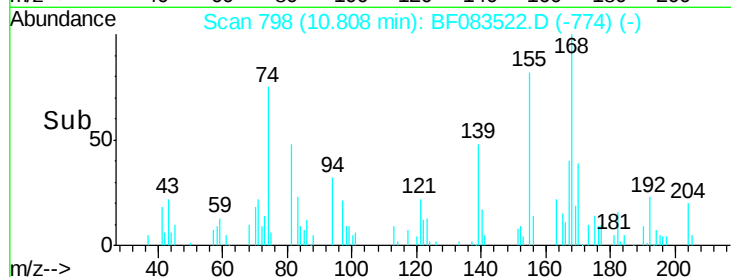
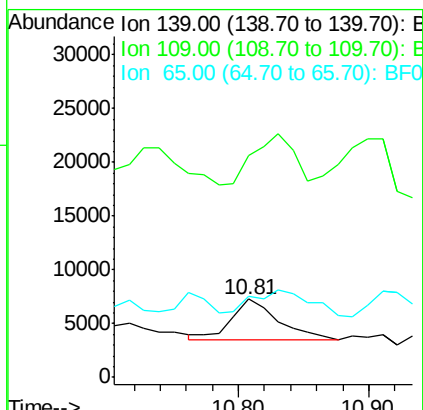
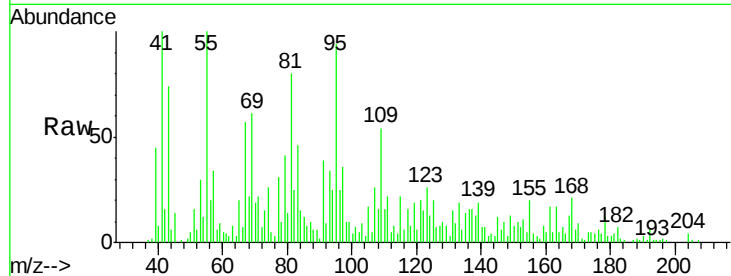




#55
4-Nitrophenol
Concen: 3.28 ng
RT: 10.81 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF083522.D
Acq: 5 Dec 2015 23:18

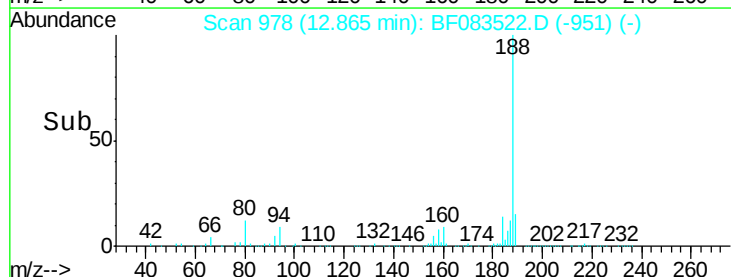
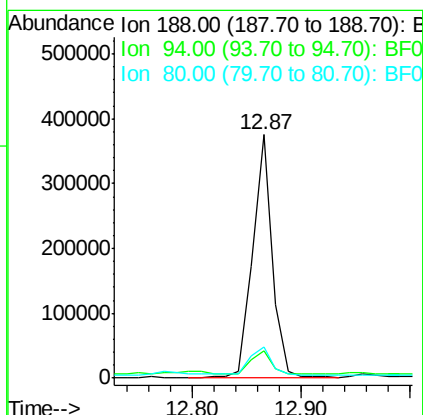
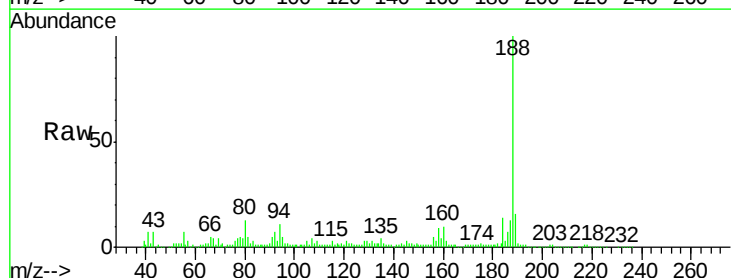
Instrument :
BNA_F
ClientSampleId :
MW-06

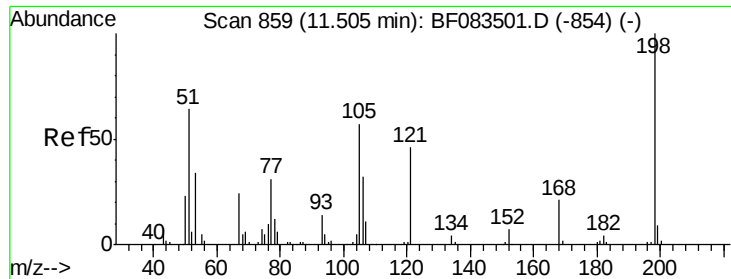
Tot Ion:139 Resp: 9782
Ion Ratio Lower Upper
139 100
109 284.5 42.0 82.0#
65 104.7 89.2 129.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.87 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF083522.D
Acq: 5 Dec 2015 23:18

Tgt Ion:188 Resp: 468646
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 12.9 10.6 16.0





#64

4,6-Dinitro-2-methylphenol

Concen: 4.34 ng

RT: 11.53 min Scan# 861

Delta R.T. 0.02 min

Lab File: BF083522.D

Acq: 5 Dec 2015 23:18

Instrument :

BNA_F

ClientSampled :

MW-06

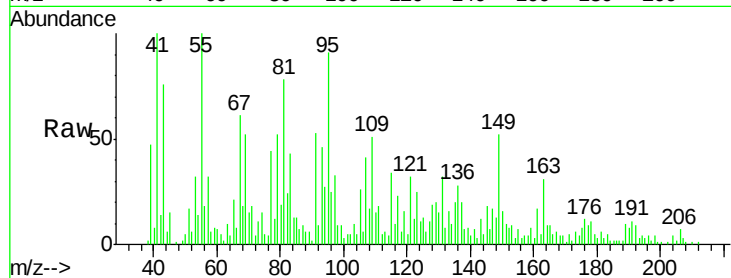
Tot Ion:198 Resp: 2932

Ion Ratio Lower Upper

198 100

51 409.0 53.8 93.8#

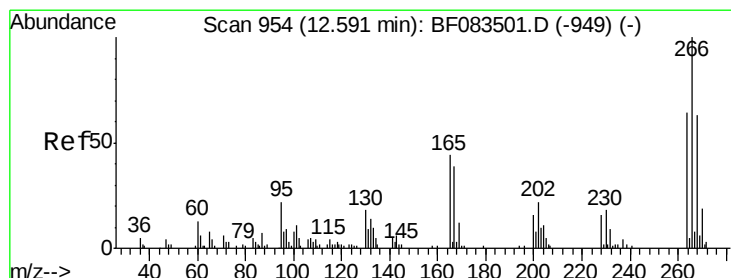
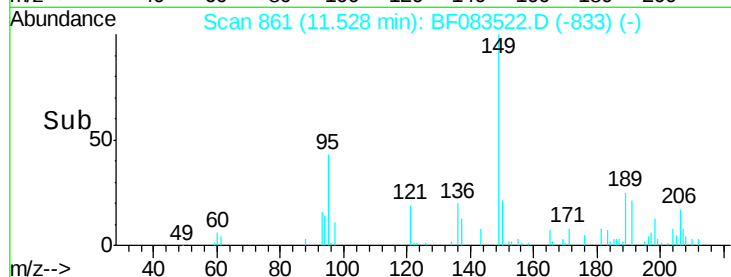
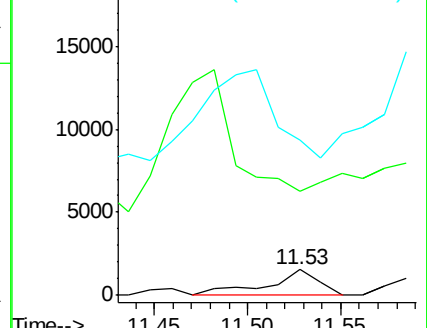
105 609.2 38.6 78.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#69

Pentachlorophenol

Concen: 5.08 ng

RT: 12.61 min Scan# 956

Delta R.T. 0.02 min

Lab File: BF083522.D

Acq: 5 Dec 2015 23:18

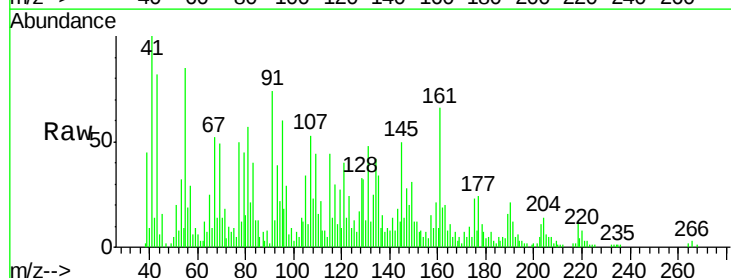
Tgt Ion:266 Resp: 1658

Ion Ratio Lower Upper

266 100

268 46.5 50.2 75.2#

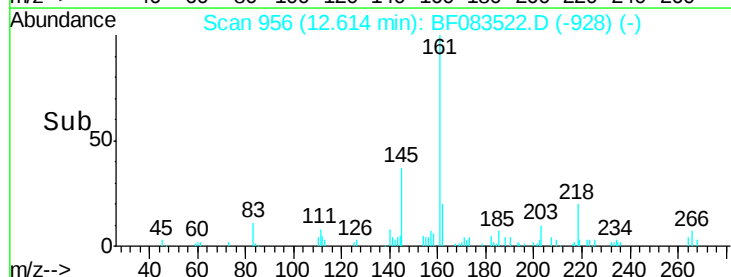
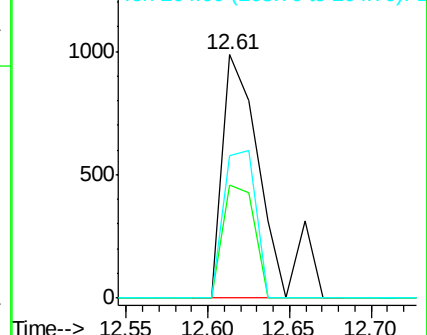
264 58.6 51.4 77.2

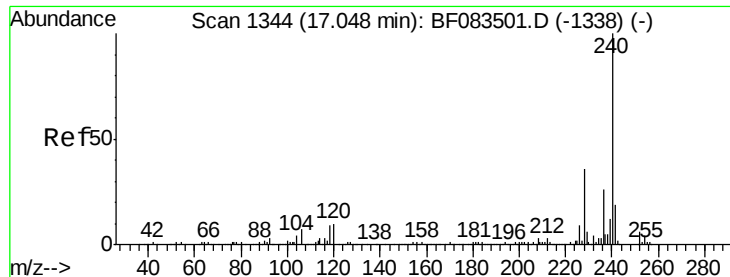


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.05 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF083522.D

Acq: 5 Dec 2015 23:18

Instrument :

BNA_F

ClientSampleId :

MW-06

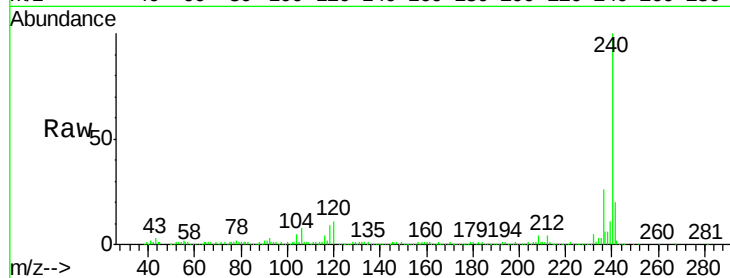
Tot Ion:240 Resp: 349265

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

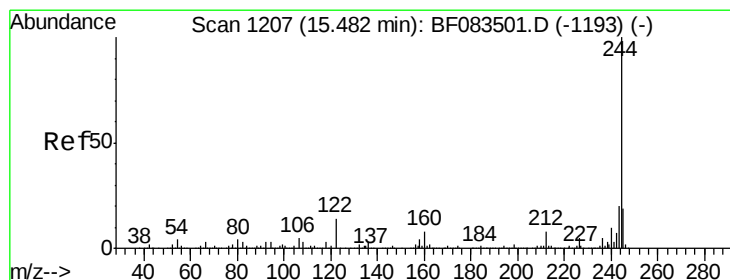
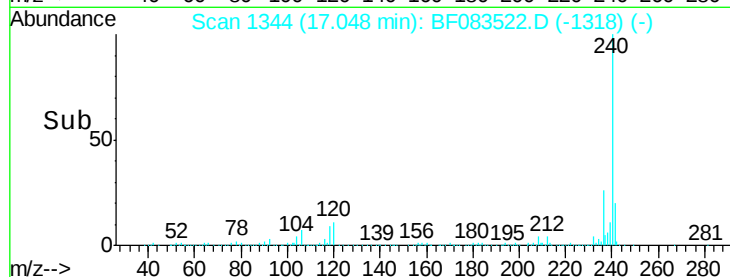
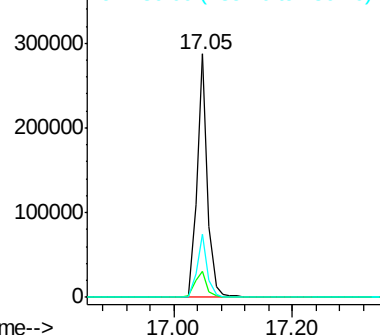
236 25.7 20.8 31.2



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



#78

Terphenyl-d14

Concen: 88.22 ng

RT: 15.49 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF083522.D

Acq: 5 Dec 2015 23:18

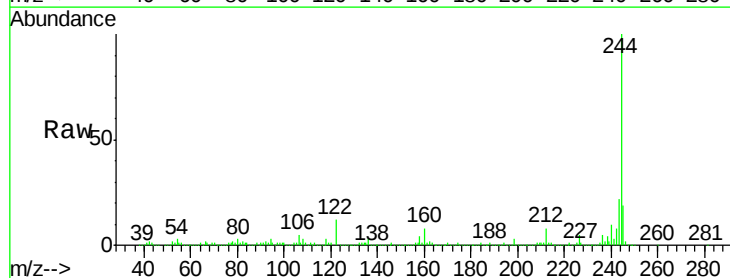
Tgt Ion:244 Resp: 1384663

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

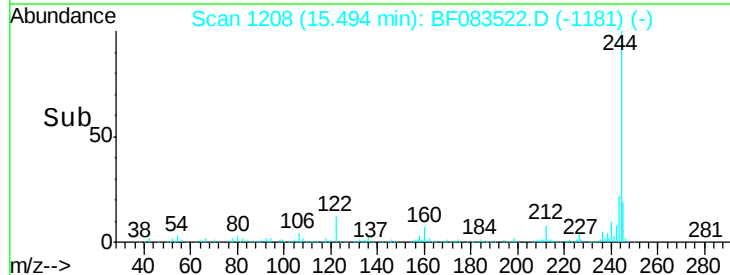
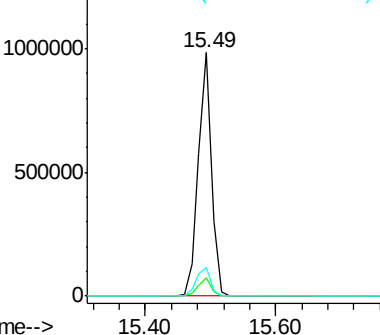
122 12.0 11.0 16.6

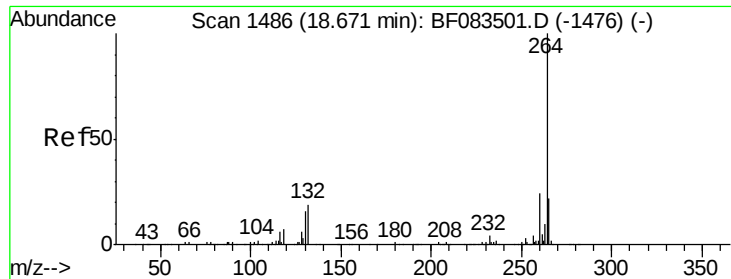


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 18.67 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF083522.D
 Acq: 5 Dec 2015 23:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	22.0	17.8	26.6

