

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083516.D
 Acq On : 5 Dec 2015 15:56
 Operator : UM/IZ
 Sample : G4588-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Quant Time: Dec 07 00:20:43 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

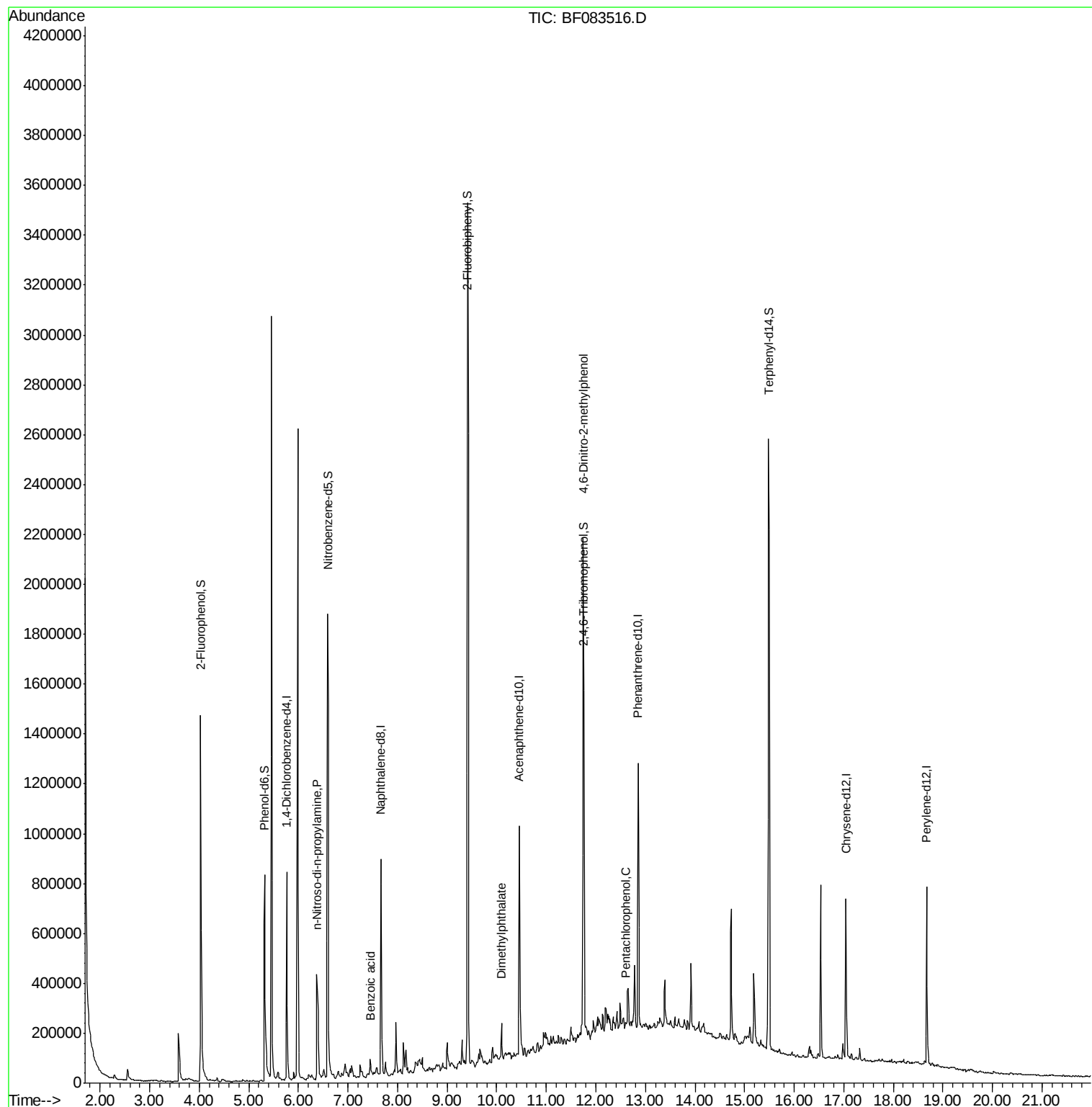
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	163662	20.00	ng	0.00
21) Naphthalene-d8	7.66	136	615109	20.00	ng	-0.01
38) Acenaphthene-d10	10.45	164	302482	20.00	ng	-0.01
63) Phenanthrene-d10	12.85	188	521301	20.00	ng	0.00
75) Chrysene-d12	17.05	240	368020	20.00	ng	0.00
86) Perylene-d12	18.67	264	319444	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.03	112	546099	50.62	ng	0.00
7) Phenol-d6	5.32	99	550808	37.06	ng	0.00
23) Nitrobenzene-d5	6.59	82	1042650	79.23	ng	-0.01
41) 2,4,6-Tribromophenol	11.76	330	344582	123.49	ng	0.00
44) 2-Fluorobiphenyl	9.41	172	1721014	77.17	ng	-0.01
78) Terphenyl-d14	15.48	244	1303515	78.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.37	70	53611	5.41	ng	# 42
32) Benzoic acid	7.46	122	7047	3.87	ng	# 76
49) Dimethylphthalate	10.10	163	71278	2.99	ng	98
64) 4,6-Dinitro-2-methylphenol	11.74	198	744	3.68	ng	# 1
69) Pentachlorophenol	12.60	266	1595	4.99	ng	# 73

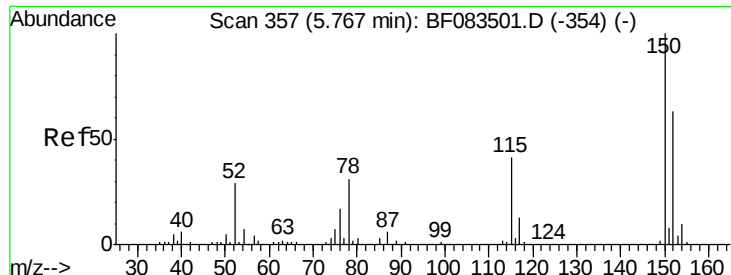
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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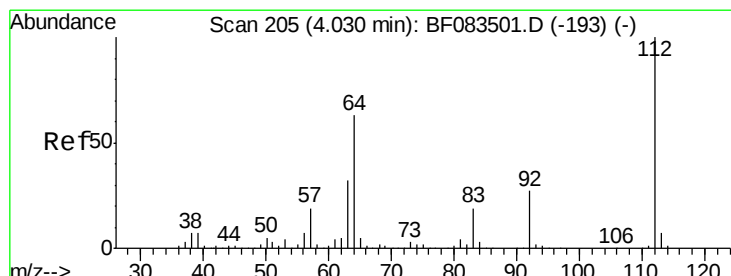
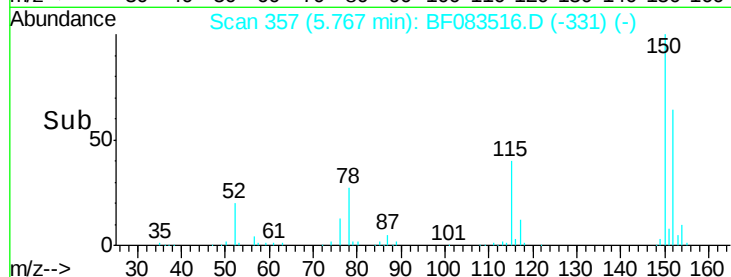
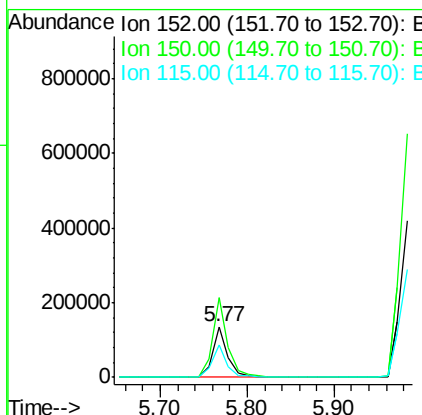
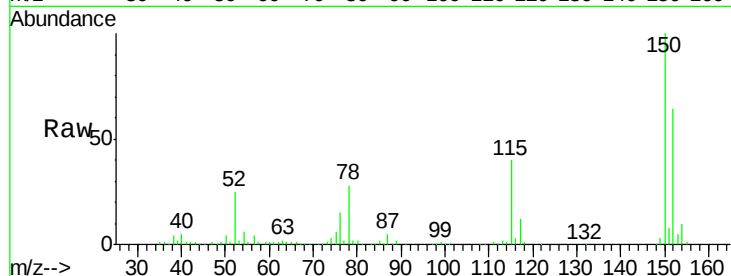


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 357
Delta R.T. -0.00 min
Lab File: BF083516.D
Acq: 5 Dec 2015 15:56

Instrument :
BNA_F
ClientSampleId :
MW-19

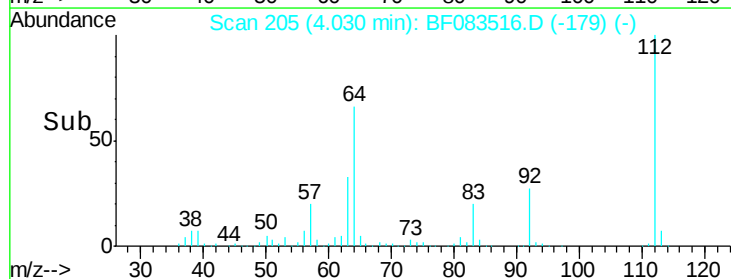
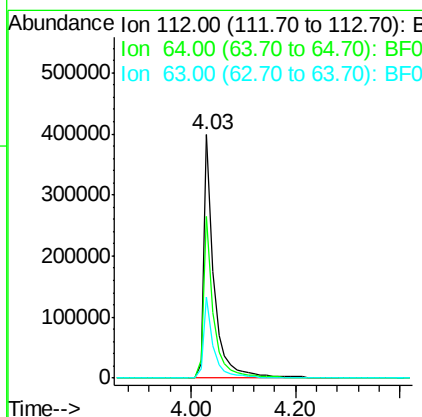
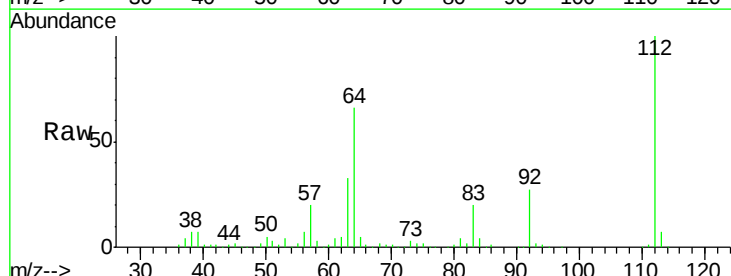
Tot Ion:152 Resp: 163662
Ion Ratio Lower Upper
152 100
150 156.8 126.5 189.7
115 63.1 52.3 78.5

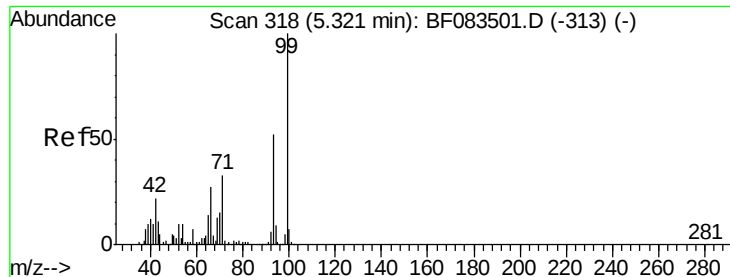


#5

2-Fluorophenol
Concen: 50.62 ng
RT: 4.03 min Scan# 205
Delta R.T. -0.00 min
Lab File: BF083516.D
Acq: 5 Dec 2015 15:56

Tgt Ion:112 Resp: 546099
Ion Ratio Lower Upper
112 100
64 66.5 50.5 75.7
63 33.1 25.8 38.6





#7

Phenol-d6

Concen: 37.06 ng

RT: 5.32 min Scan# 318

Delta R.T. -0.00 min

Lab File: BF083516.D

Acq: 5 Dec 2015 15:56

Instrument :

BNA_F

ClientSampleId :

MW-19

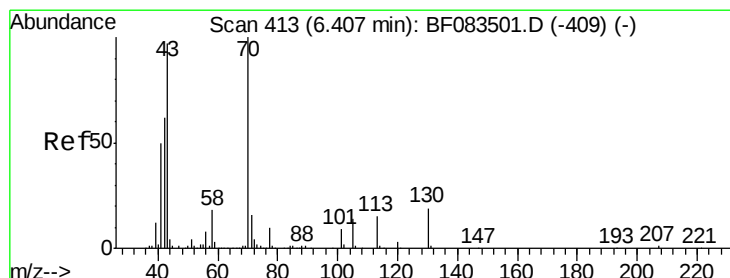
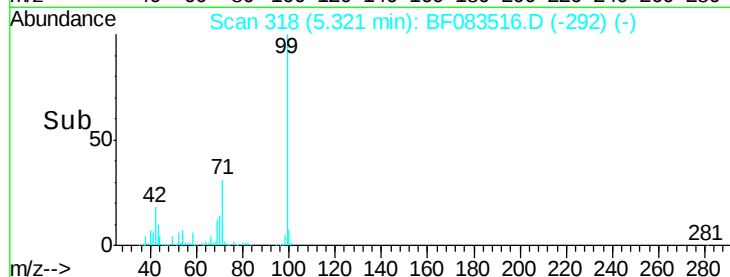
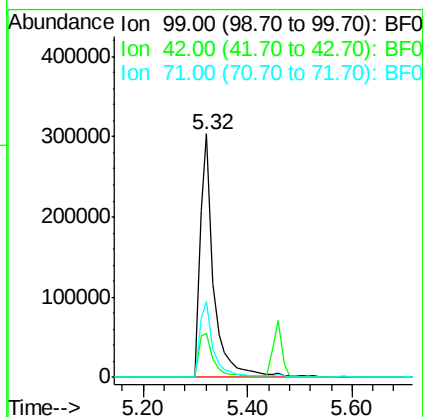
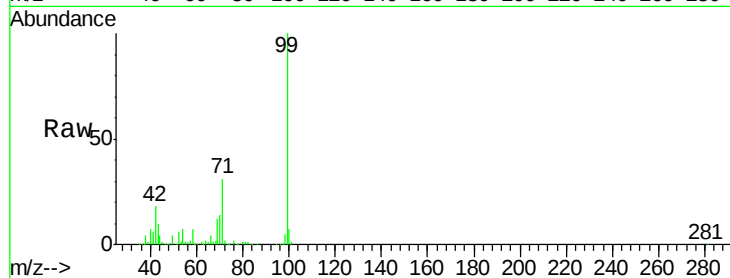
Tot Ion: 99 Resp: 550808

Ion Ratio Lower Upper

99 100

42 18.3 17.3 25.9

71 31.4 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 5.41 ng

RT: 6.37 min Scan# 410

Delta R.T. -0.03 min

Lab File: BF083516.D

Acq: 5 Dec 2015 15:56

Tgt Ion: 70 Resp: 53611

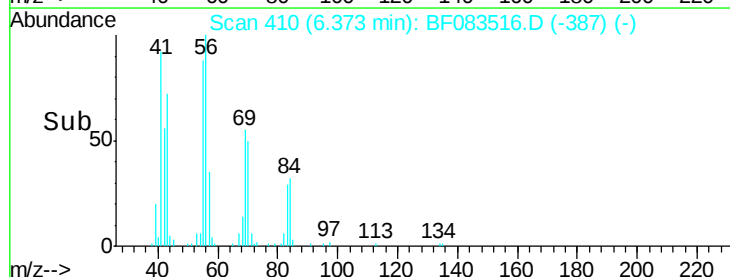
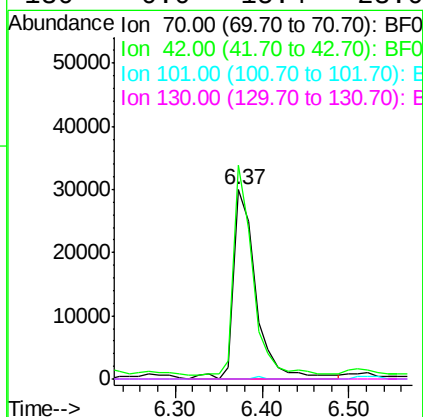
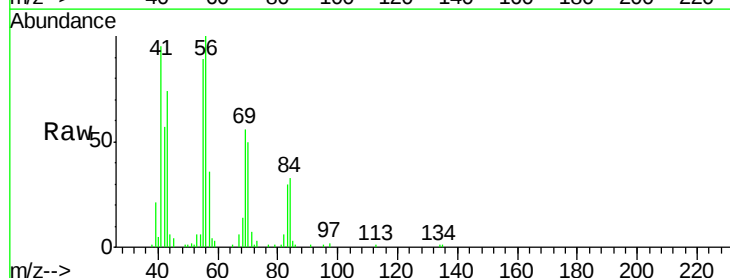
Ion Ratio Lower Upper

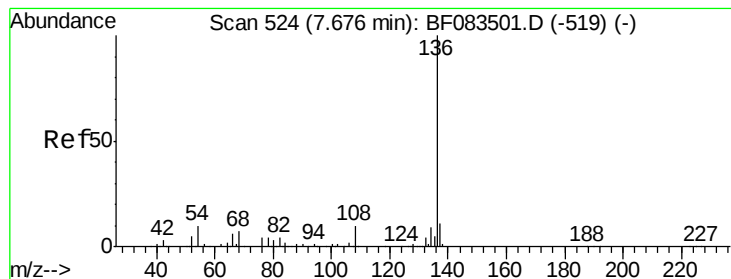
70 100

42 112.9 49.2 73.8#

101 0.0 7.1 10.7#

130 0.0 15.4 23.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF083516.D

Acq: 5 Dec 2015 15:56

Instrument :

BNA_F

ClientSampleId :

MW-19

Tot Ion:136 Resp: 615109

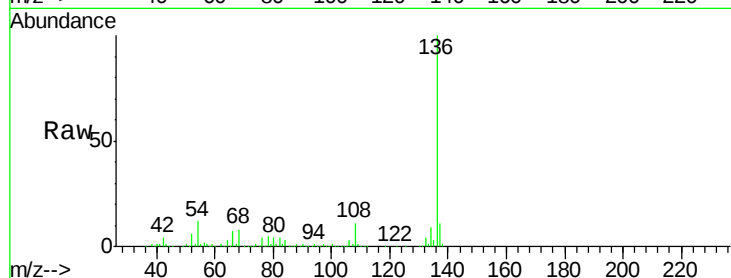
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 11.7 7.8 11.6#

68 8.4 5.7 8.5

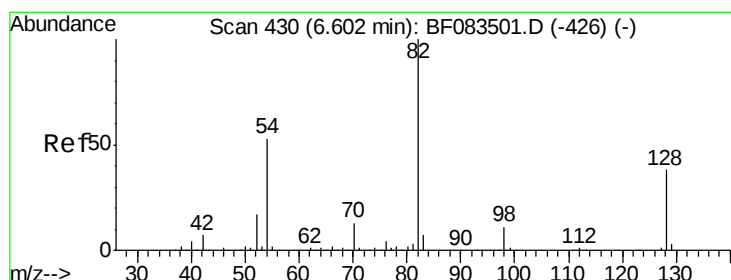
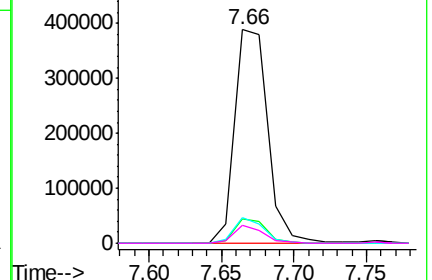
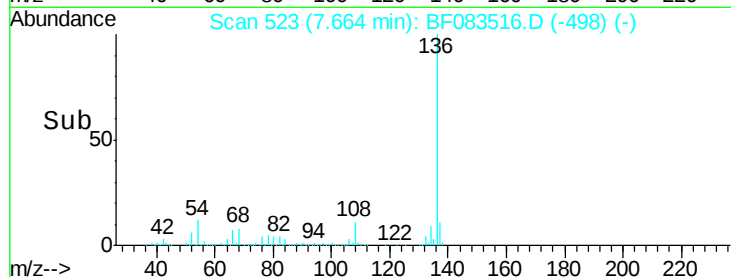


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 79.23 ng

RT: 6.59 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF083516.D

Acq: 5 Dec 2015 15:56

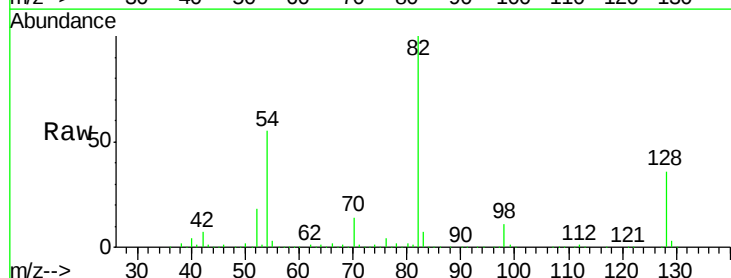
Tgt Ion: 82 Resp: 1042650

Ion Ratio Lower Upper

82 100

128 35.6 30.7 46.1

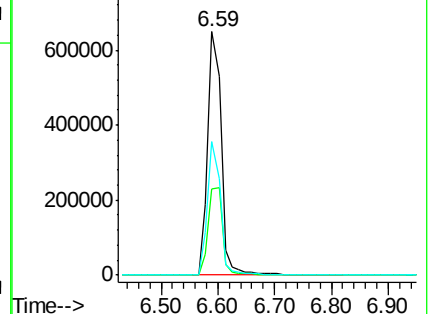
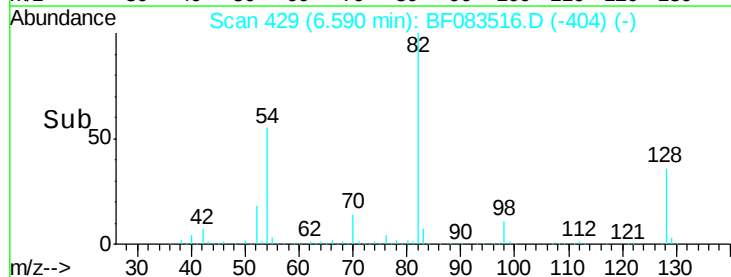
54 54.9 42.5 63.7

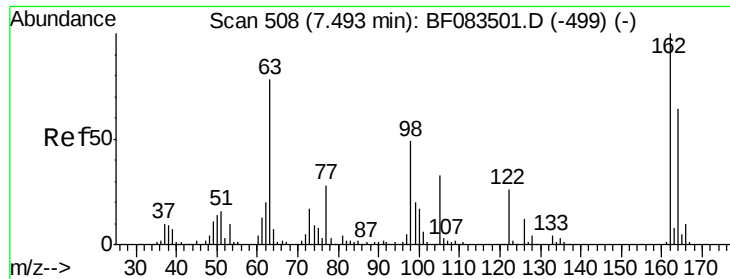


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

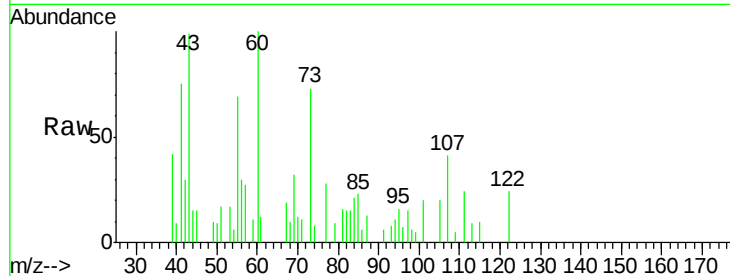




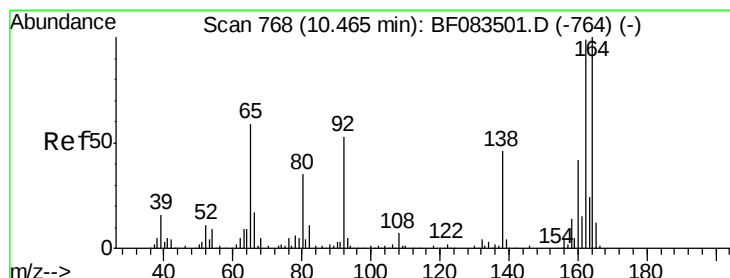
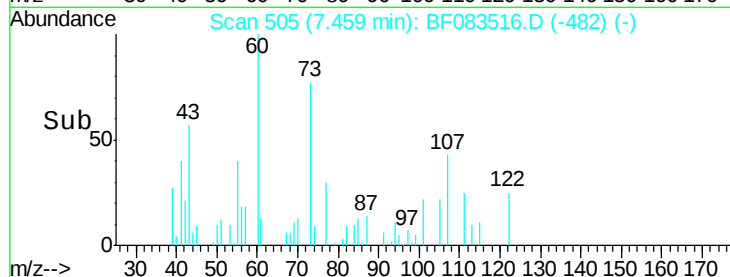
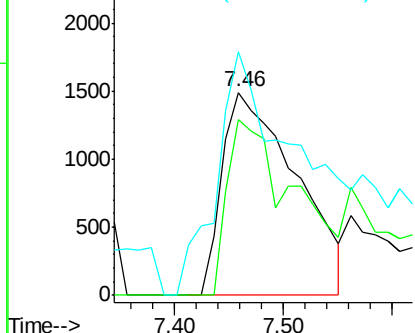
#32
Benzoic acid
Concen: 3.87 ng
RT: 7.46 min Scan# 505
Delta R.T. -0.03 min
Lab File: BF083516.D
Acq: 5 Dec 2015 15:56

Instrument :
BNA_F
ClientSampleId :
MW-19

Tot Ion:122 Resp: 7047
Ion Ratio Lower Upper
122 100
105 86.5 105.6 145.6#
77 119.8 86.8 126.8

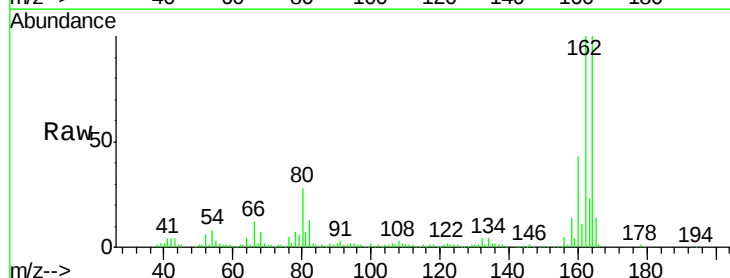


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

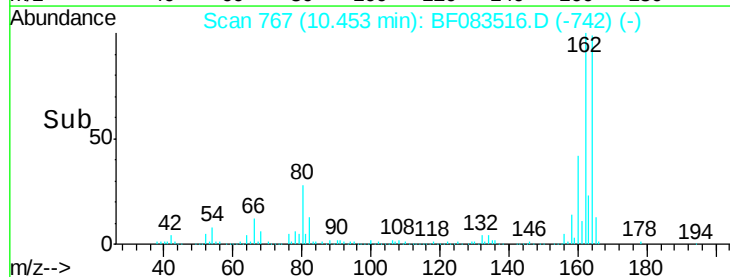
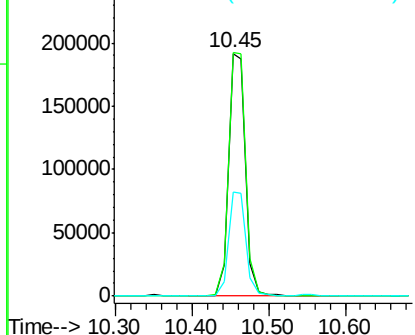


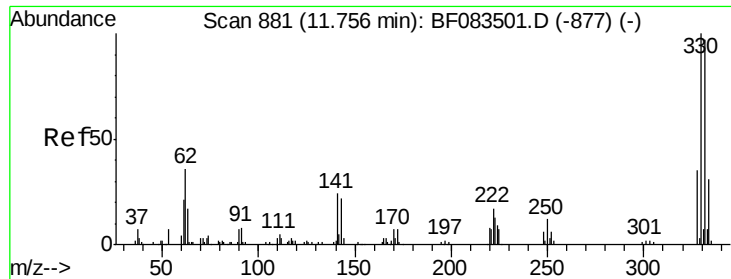
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF083516.D
Acq: 5 Dec 2015 15:56

Tgt Ion:164 Resp: 302482
Ion Ratio Lower Upper
164 100
162 100.4 78.8 118.2
160 42.8 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

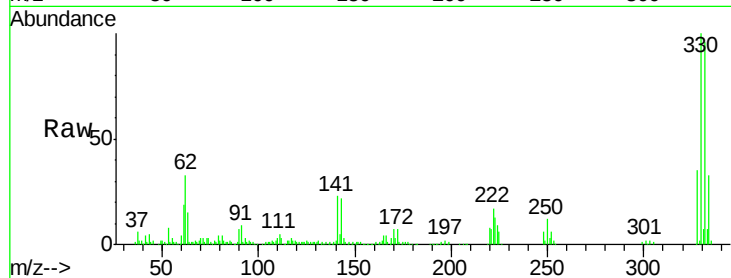




#41
 2,4,6-Tribromophenol
 Concen: 123.49 ng
 RT: 11.76 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BF083516.D
 Acq: 5 Dec 2015 15:56

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	38.9	0.0	0.0#

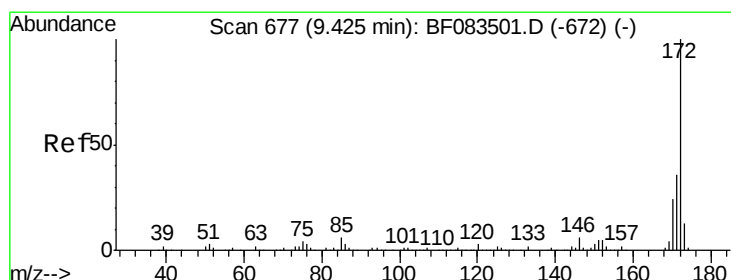
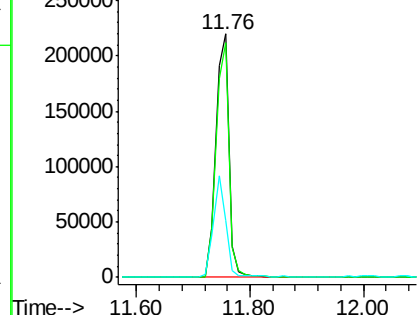
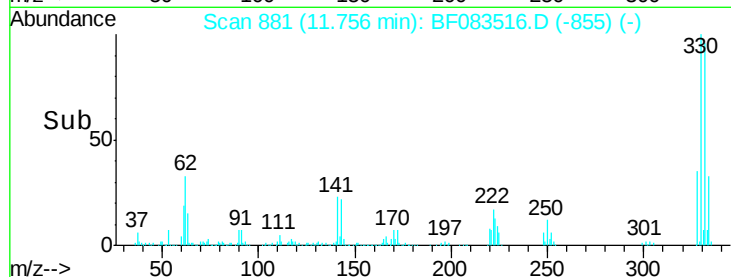


Abundance

Ion 329.80 (329.50 to 330.50): E

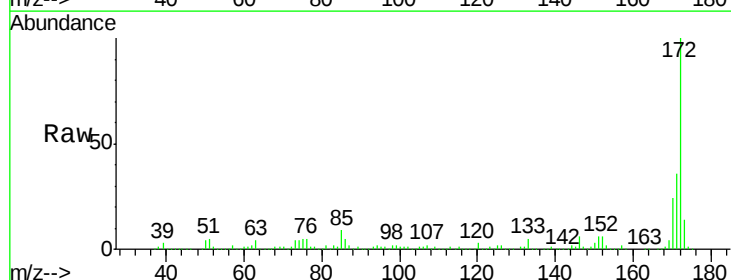
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.17 ng
 RT: 9.41 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF083516.D
 Acq: 5 Dec 2015 15:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	24.3	19.4	29.0

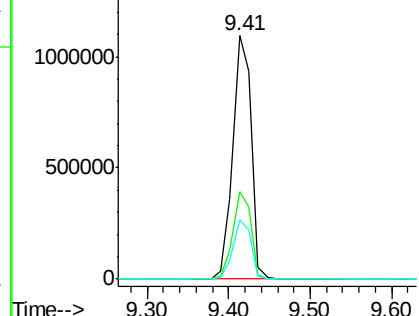
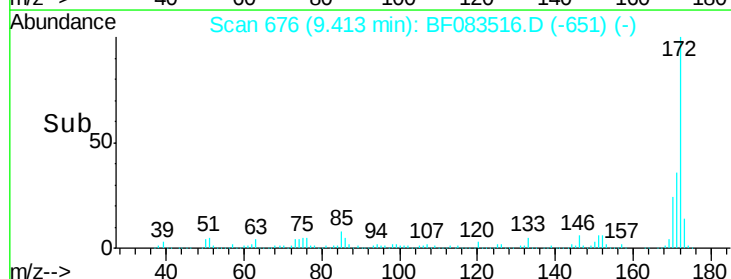


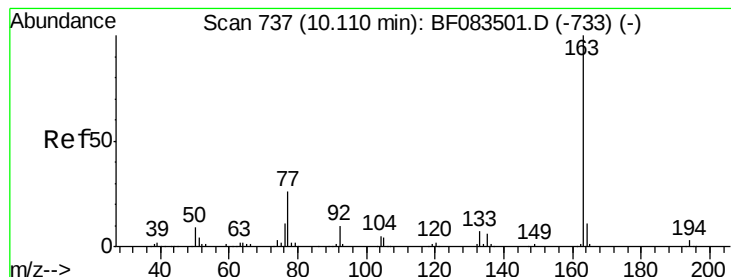
Abundance

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





#49

Dimethylphthalate

Concen: 2.99 ng

RT: 10.10 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF083516.D

Acq: 5 Dec 2015 15:56

Instrument :

BNA_F

ClientSampleId :

MW-19

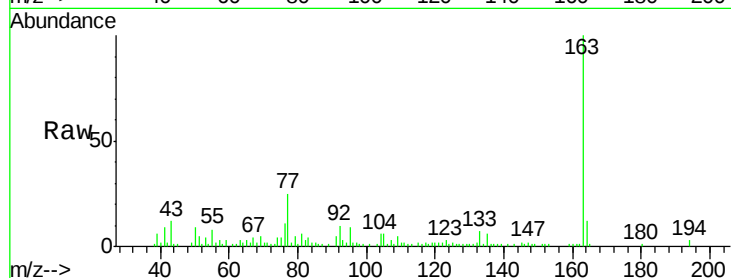
Tot Ion:163 Resp: 71278

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

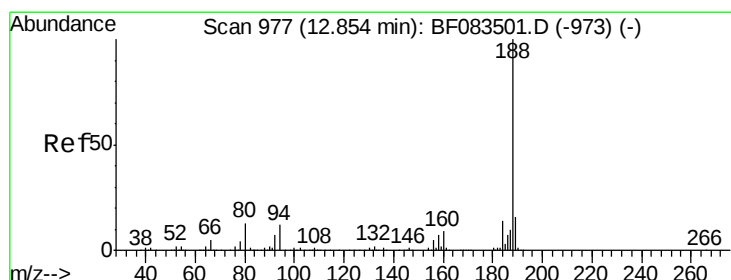
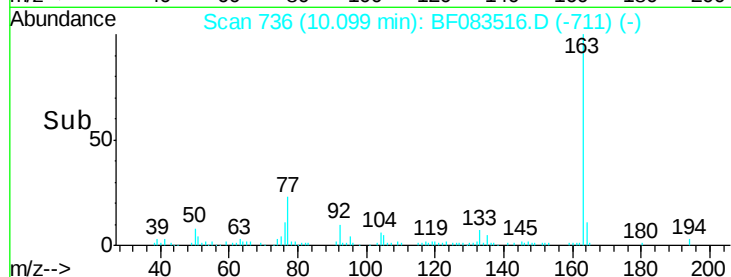
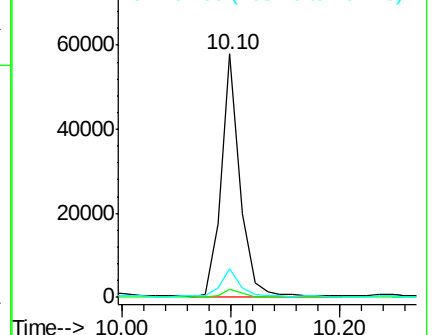
164 11.7 8.6 13.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.85 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF083516.D

Acq: 5 Dec 2015 15:56

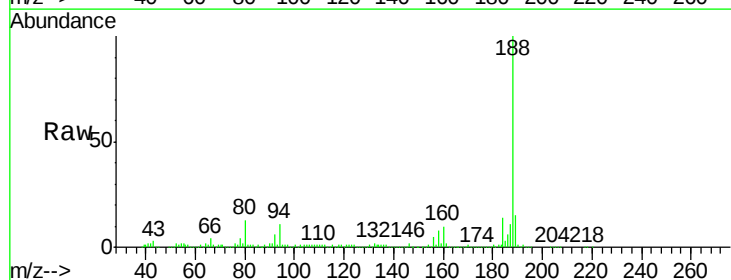
Tgt Ion:188 Resp: 521301

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.2

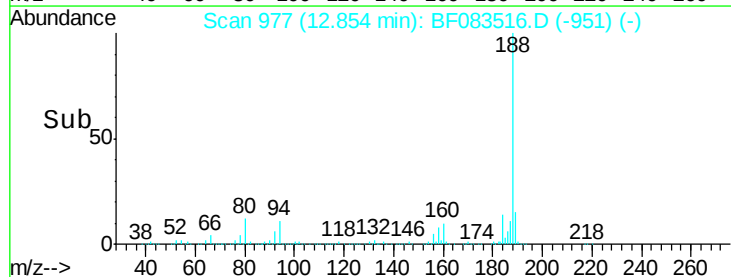
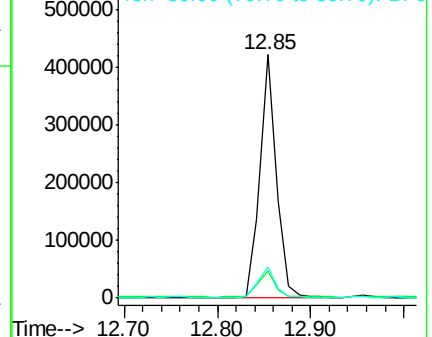
80 12.7 10.6 16.0

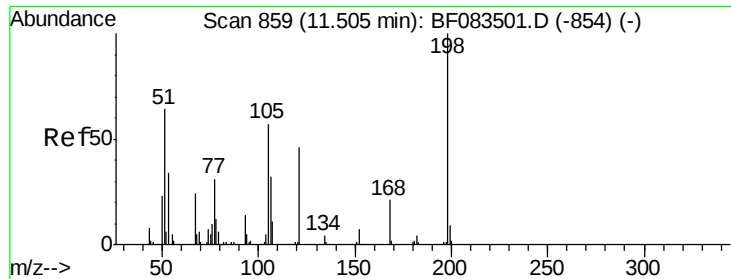


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

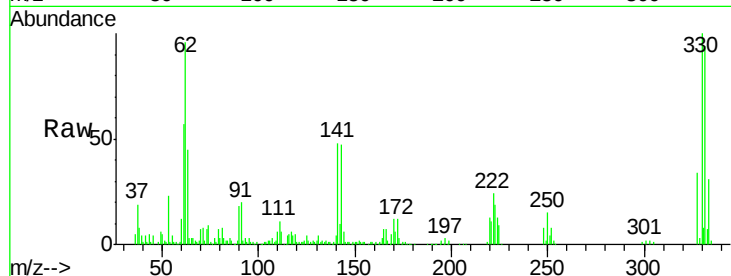




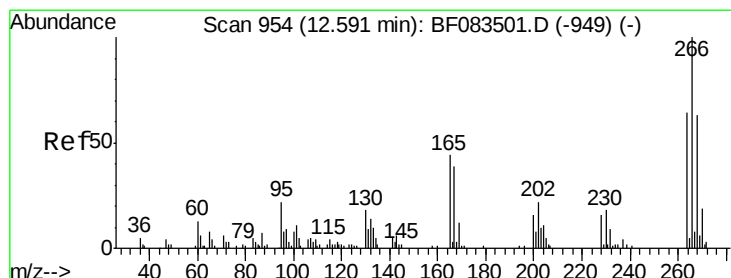
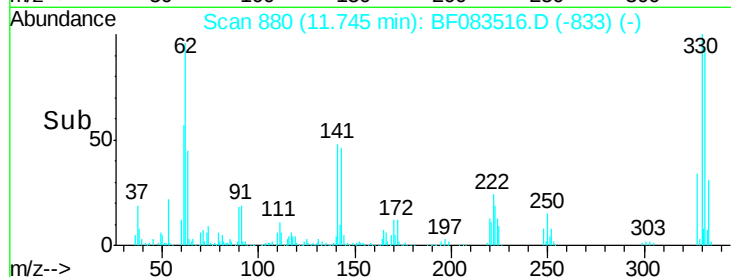
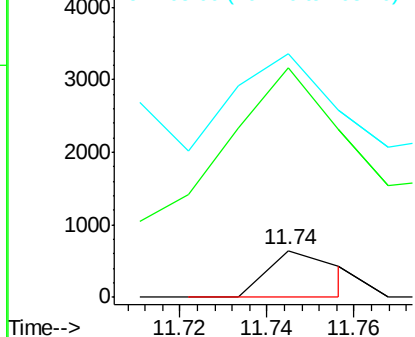
#64
4,6-Dinitro-2-methylphenol
Concen: 3.68 ng
RT: 11.74 min Scan# 880
Delta R.T. 0.24 min
Lab File: BF083516.D
Acq: 5 Dec 2015 15:56

Instrument :
BNA_F
ClientSampleId :
MW-19

Tot Ion:198 Resp: 744
Ion Ratio Lower Upper
198 100
51 490.4 53.8 93.8#
105 519.3 38.6 78.6#

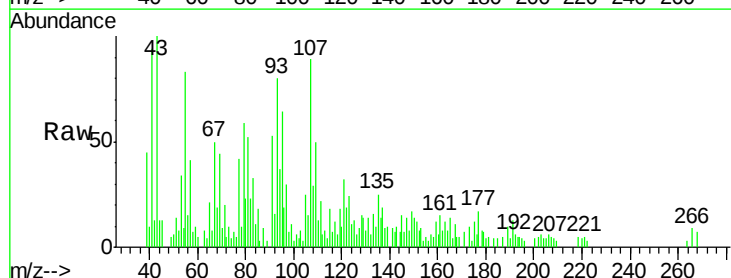


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

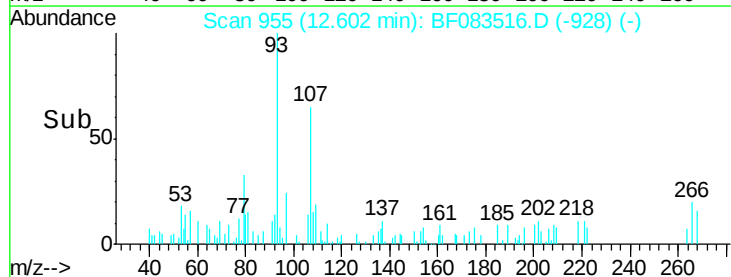
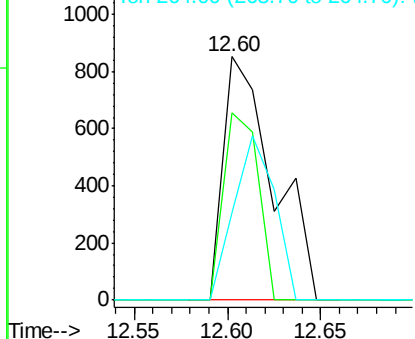


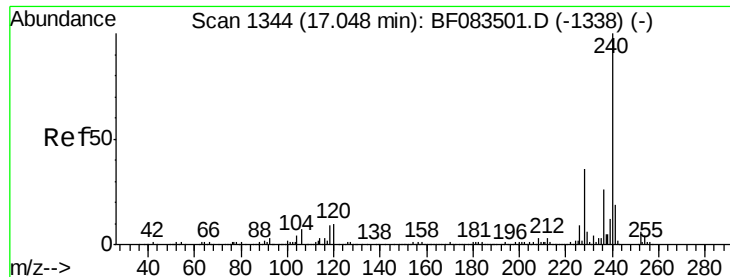
#69
Pentachlorophenol
Concen: 4.99 ng
RT: 12.60 min Scan# 955
Delta R.T. 0.01 min
Lab File: BF083516.D
Acq: 5 Dec 2015 15:56

Tgt Ion:266 Resp: 1595
Ion Ratio Lower Upper
266 100
268 77.1 50.2 75.2#
264 36.0 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: BF083516.D

Acq: 5 Dec 2015 15:56

Instrument :

BNA_F

ClientSampleId :

MW-19

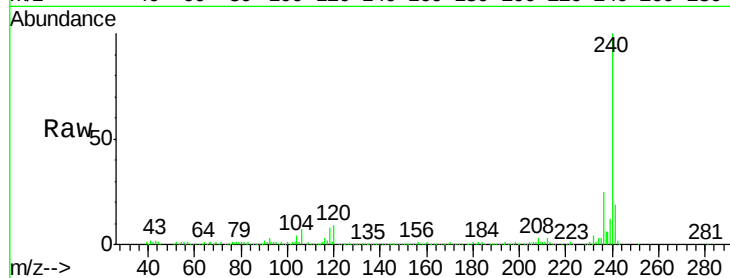
Tot Ion:240 Resp: 368020

Ion Ratio Lower Upper

240 100

120 9.5 8.1 12.1

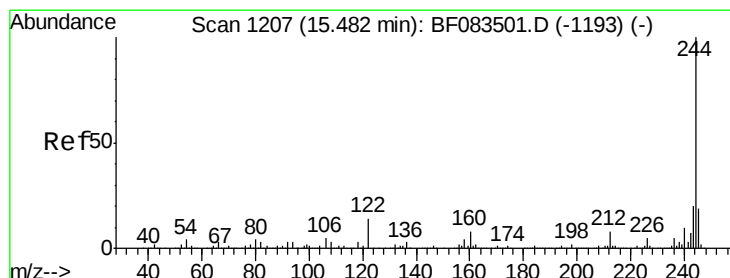
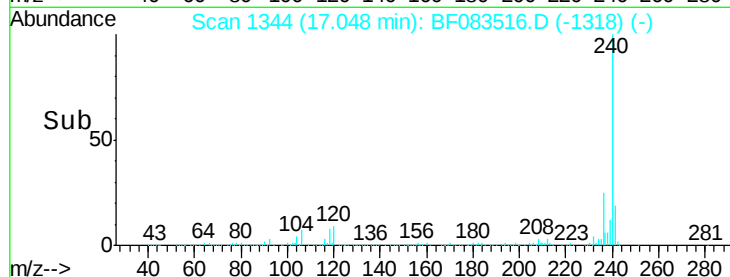
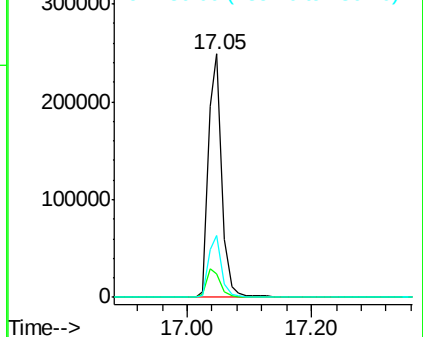
236 25.5 20.8 31.2



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: 78.82 ng

RT: 15.48 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF083516.D

Acq: 5 Dec 2015 15:56

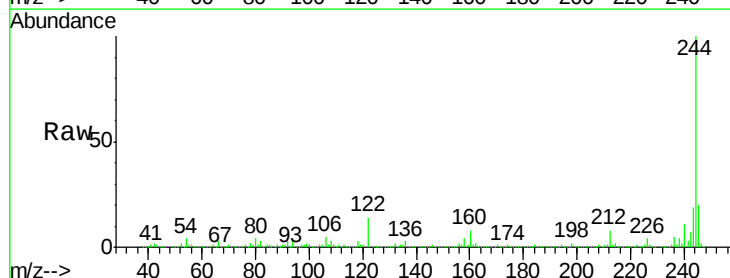
Tgt Ion:244 Resp: 1303515

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

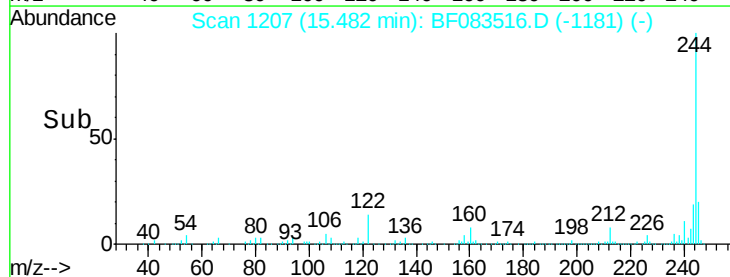
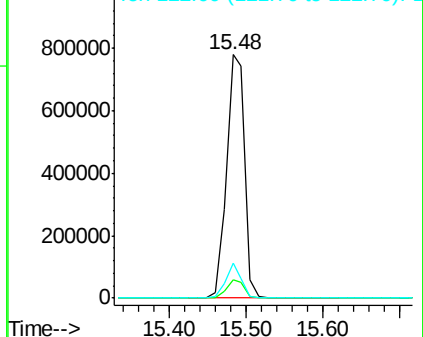
122 14.4 11.0 16.6

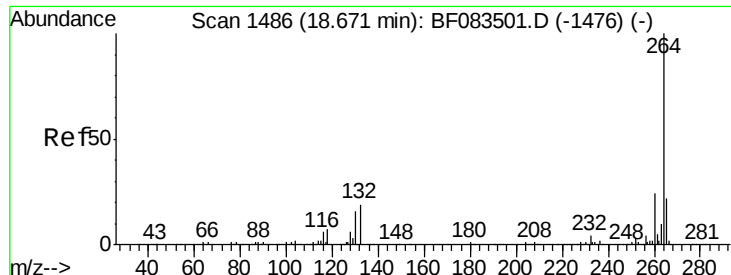


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

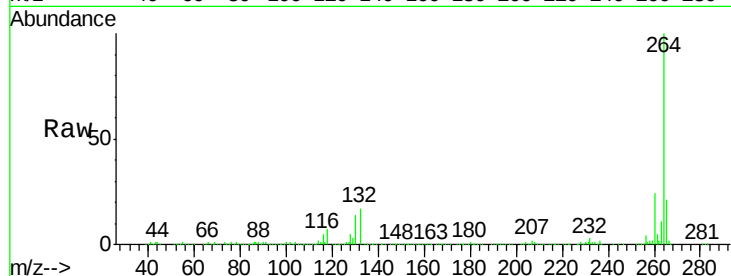




#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.67 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BF083516.D
Acq: 5 Dec 2015 15:56

Instrument :
BNA_F
ClientSampleId :
MW-19

Tot Ion:264 Resp: 319444
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.0
265 21.0 17.8 26.6



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

