

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083512.D
 Acq On : 5 Dec 2015 13:58
 Operator : UM/IZ
 Sample : G4595-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151125MGP225BRV78

Quant Time: Dec 07 00:19:41 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

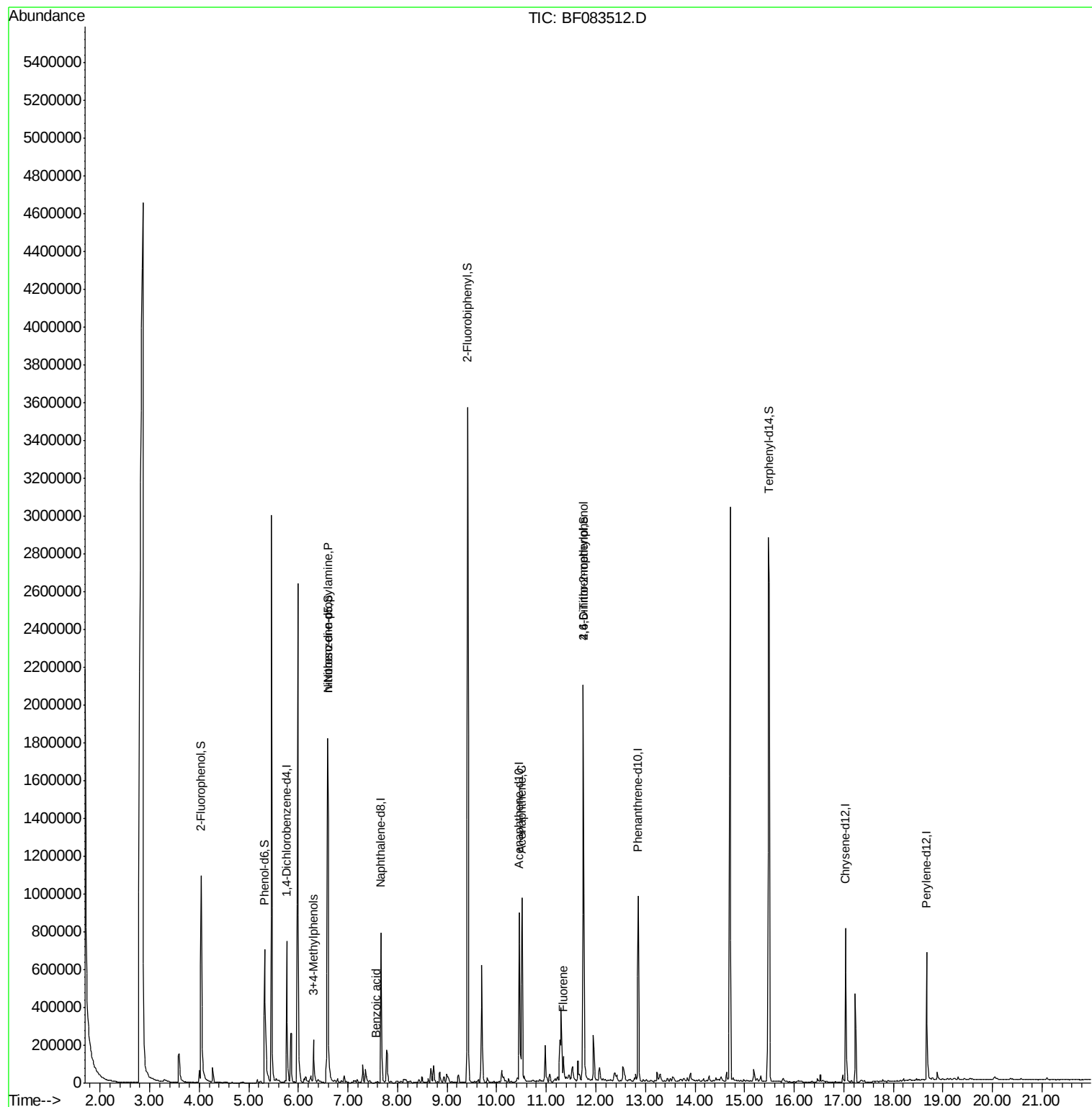
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	143445	20.00	ng	0.00
21) Naphthalene-d8	7.66	136	554328	20.00	ng	-0.01
38) Acenaphthene-d10	10.45	164	276567	20.00	ng	-0.01
63) Phenanthrene-d10	12.85	188	509275	20.00	ng	0.00
75) Chrysene-d12	17.04	240	420244	20.00	ng	-0.01
86) Perylene-d12	18.67	264	314965	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.04	112	498105	52.68	ng	0.01
7) Phenol-d6	5.32	99	408467	31.35	ng	0.00
23) Nitrobenzene-d5	6.59	82	1005620	84.80	ng	-0.01
41) 2,4,6-Tribromophenol	11.74	330	329943	129.33	ng	-0.01
44) 2-Fluorobiphenyl	9.41	172	1640904	80.47	ng	-0.01
78) Terphenyl-d14	15.48	244	1612827	85.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.59	70	128710	14.81	ng	# 82
20) 3+4-Methylphenols	6.30	107	59442	5.27	ng	# 8
32) Benzoic acid	7.56	122	844	2.81	ng	# 20
51) Acenaphthene	10.51	154	292315	16.75	ng	100
57) Fluorene	11.34	166	49728	2.36	ng	100
64) 4,6-Dinitro-2-methylphenol	11.74	198	401	3.59	ng	# 1

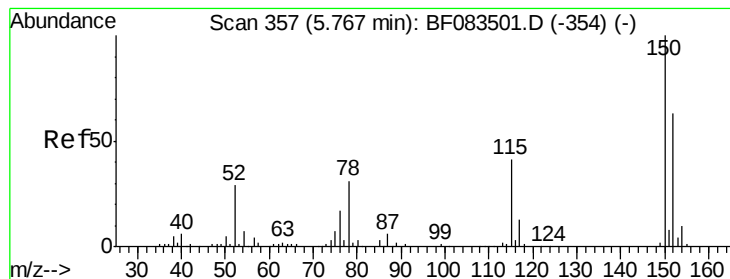
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
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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: BF083512.D

Acq: 5 Dec 2015 13:58

Instrument :

BNA_F

ClientSampleId :

20151125MGP225BRV78

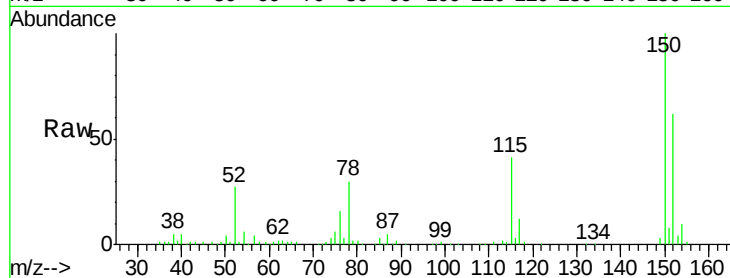
Tot Ion:152 Resp: 143445

Ion Ratio Lower Upper

152 100

150 162.0 126.5 189.7

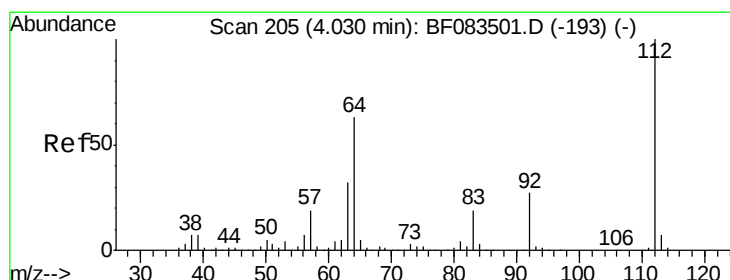
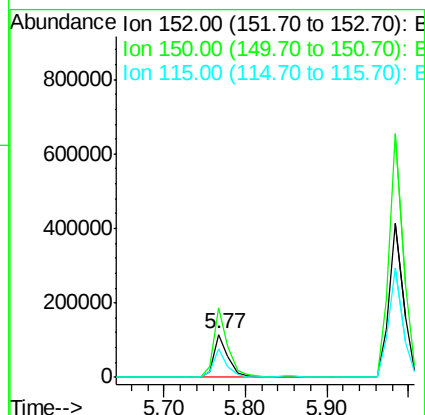
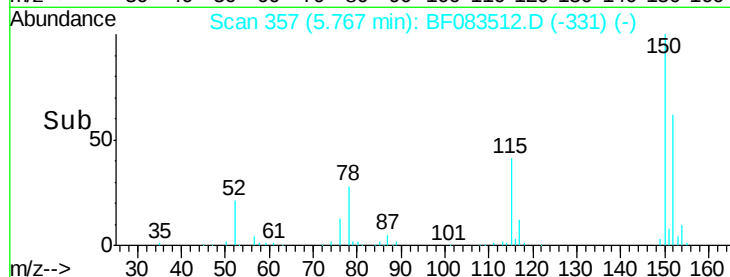
115 66.9 52.3 78.5



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: 52.68 ng

RT: 4.04 min Scan# 206

Delta R.T. 0.01 min

Lab File: BF083512.D

Acq: 5 Dec 2015 13:58

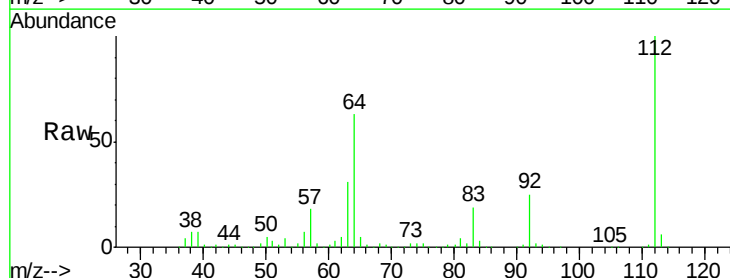
Tgt Ion:112 Resp: 498105

Ion Ratio Lower Upper

112 100

64 62.7 50.5 75.7

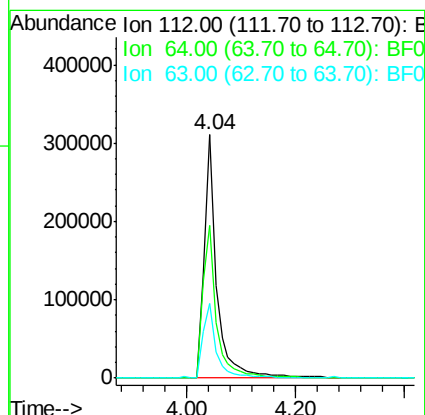
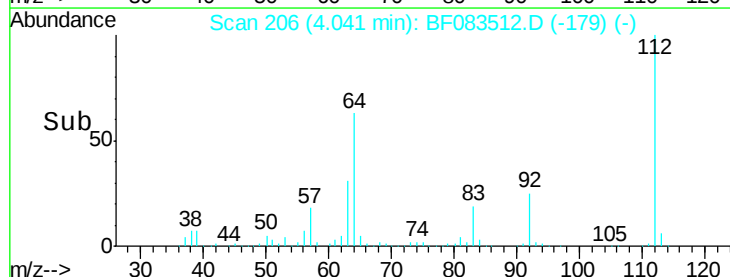
63 30.9 25.8 38.6

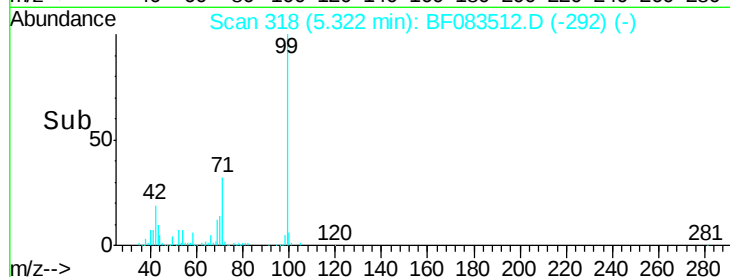
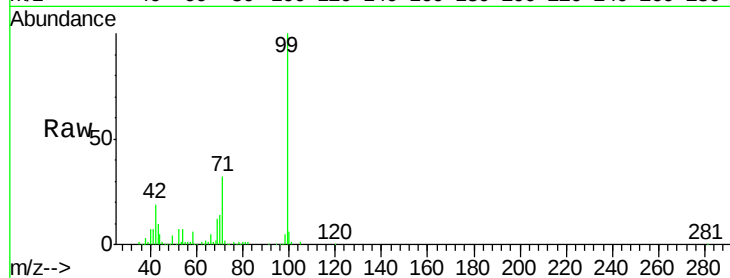
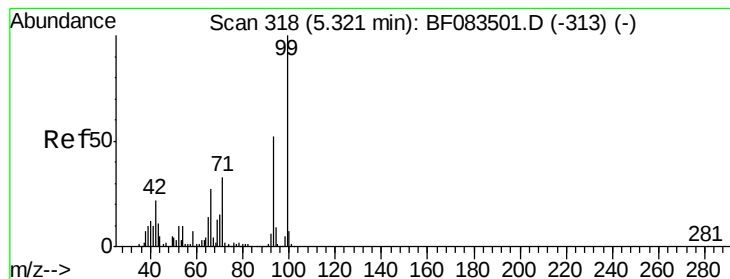


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.35 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083512.D

Acq: 5 Dec 2015 13:58

Instrument :

BNA_F

ClientSampleId :

20151125MGP225BRV78

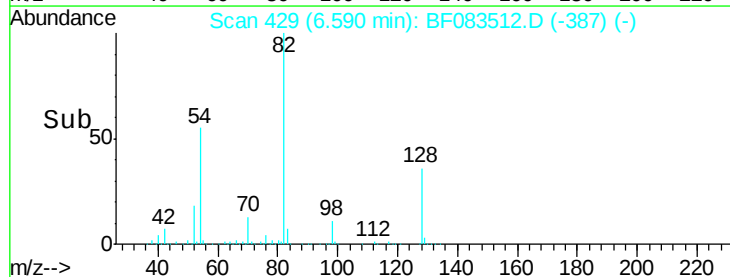
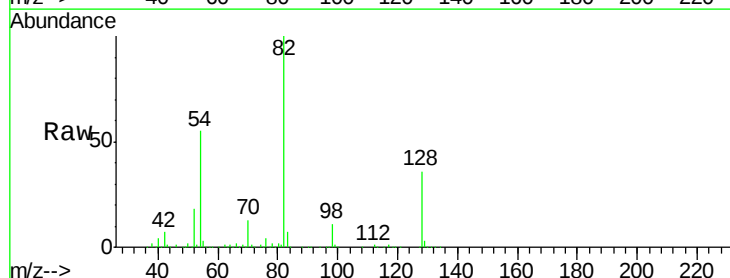
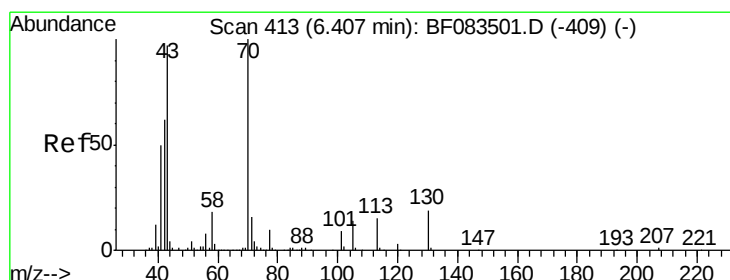
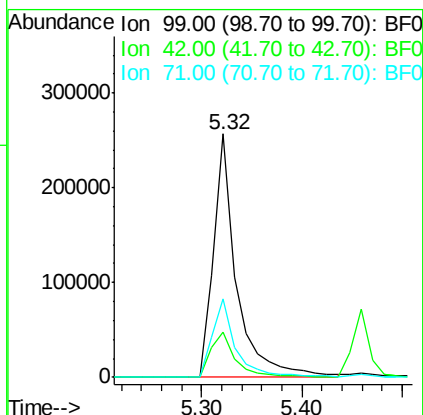
Tot Ion: 99 Resp: 408467

Ion Ratio Lower Upper

99 100

42 18.7 17.3 25.9

71 32.3 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.81 ng

RT: 6.59 min Scan# 429

Delta R.T. 0.18 min

Lab File: BF083512.D

Acq: 5 Dec 2015 13:58

Tgt Ion: 70 Resp: 128710

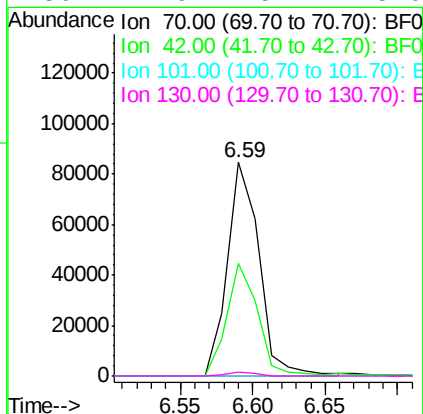
Ion Ratio Lower Upper

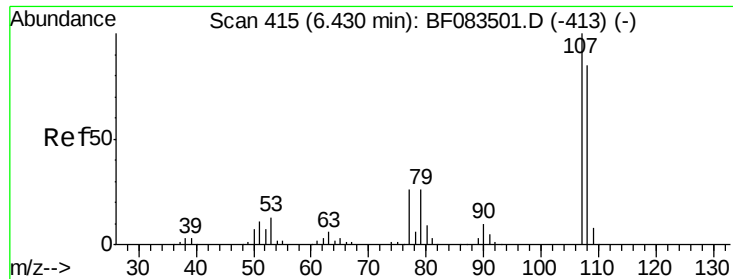
70 100

42 53.0 49.2 73.8

101 0.0 7.1 10.7#

130 1.9 15.4 23.0#





#20

3+4-Methylphenols

Concen: 5.27 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.13 min

Lab File: BF083512.D

Acq: 5 Dec 2015 13:58

Instrument :

BNA_F

ClientSampleId :

20151125MGP225BRV78

Tot Ion:107 Resp: 59442

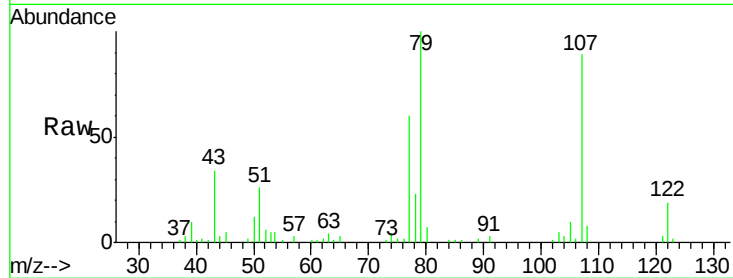
Ion Ratio Lower Upper

107 100

108 8.6 65.2 105.2#

77 67.6 15.2 55.2#

79 112.0 6.0 46.0#

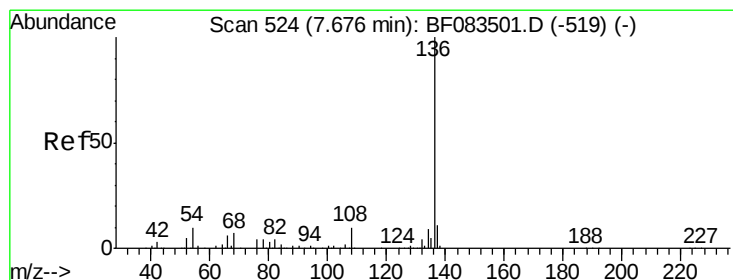
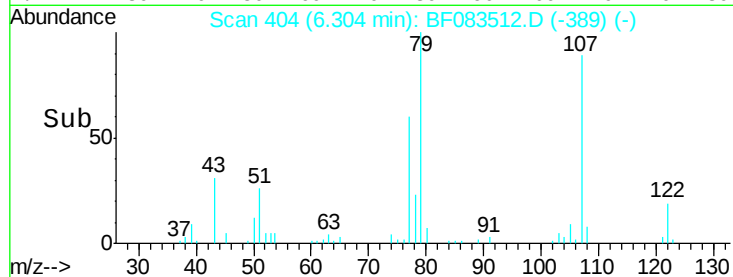
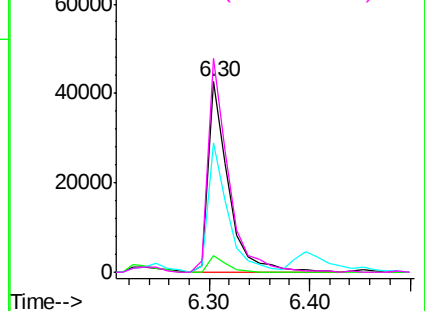


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF083512.D

Acq: 5 Dec 2015 13:58

Tgt Ion:136 Resp: 554328

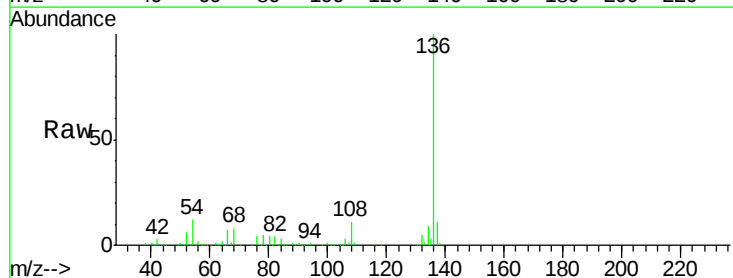
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.9 7.8 11.6#

68 8.1 5.7 8.5

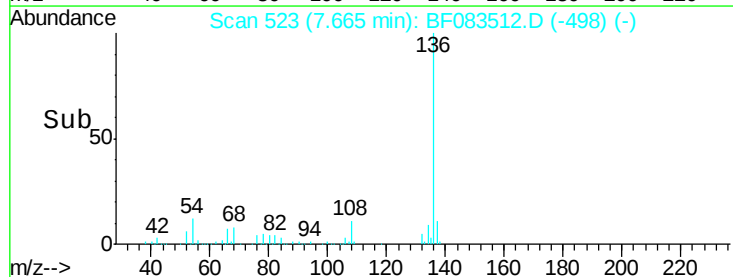
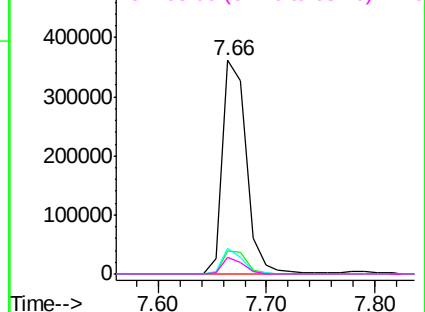


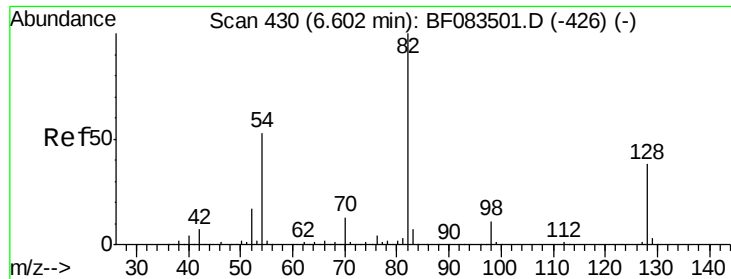
Abundance Ion 136.00 (135.70 to 136.70): E

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

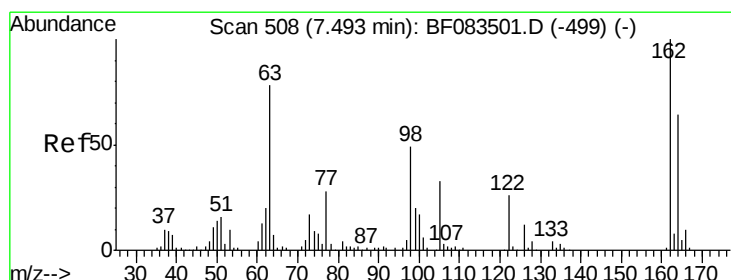
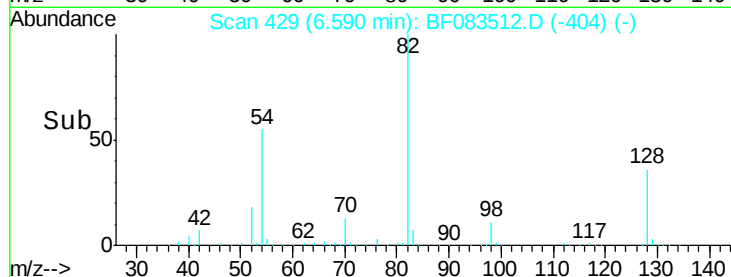
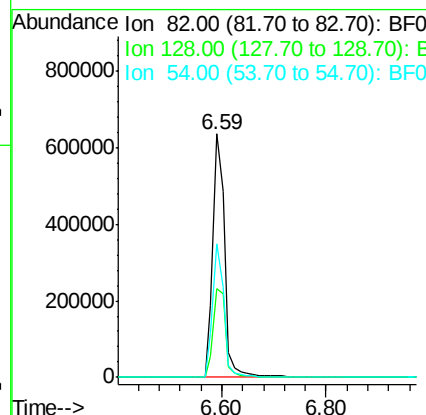
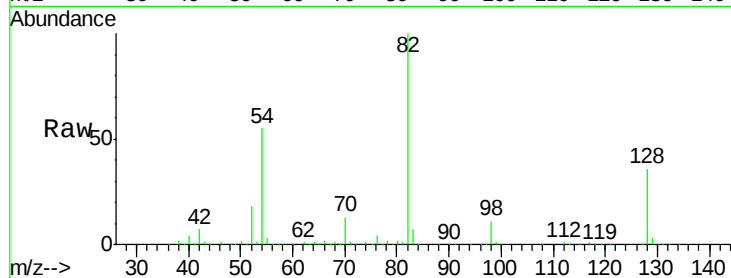




#23
 Nitrobenzene-d5
 Concen: 84.80 ng
 RT: 6.59 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BF083512.D
 Acq: 5 Dec 2015 13:58

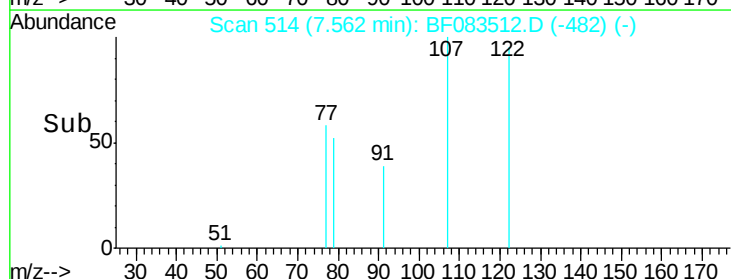
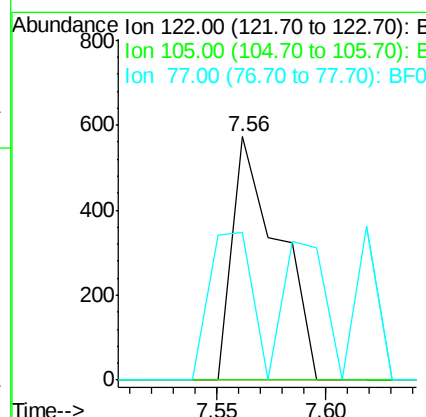
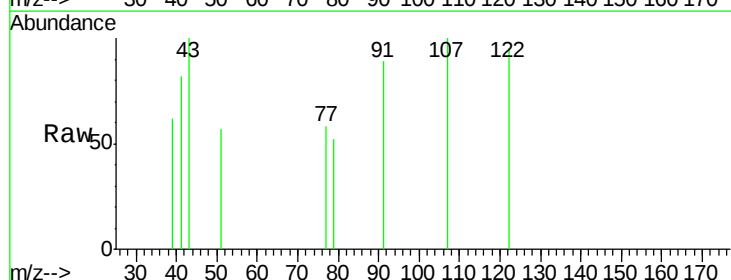
Instrument :
 BNA_F
 ClientSampleId :
 20151125MGP225BRV78

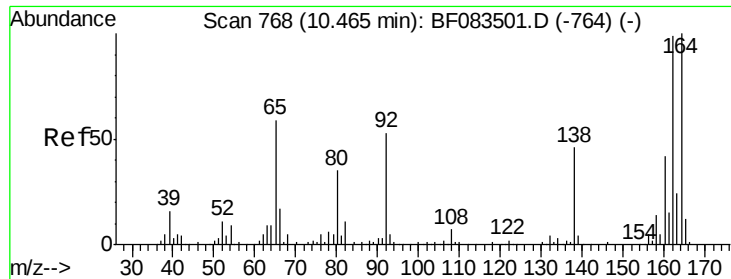
Tot Ion: 82 Resp: 1005620
 Ion Ratio Lower Upper
 82 100
 128 36.5 30.7 46.1
 54 54.7 42.5 63.7



#32
 Benzoic acid
 Concen: 2.81 ng
 RT: 7.56 min Scan# 514
 Delta R.T. 0.07 min
 Lab File: BF083512.D
 Acq: 5 Dec 2015 13:58

Tgt Ion: 122 Resp: 844
 Ion Ratio Lower Upper
 122 100
 105 0.0 105.6 145.6#
 77 60.7 86.8 126.8#

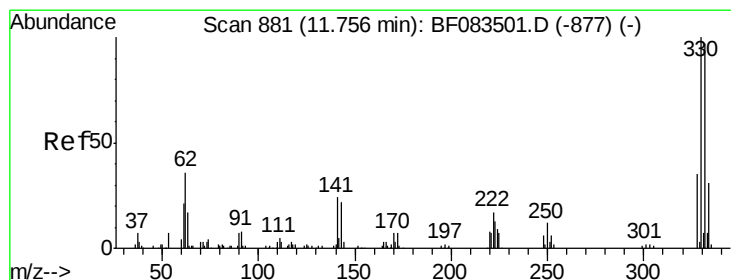
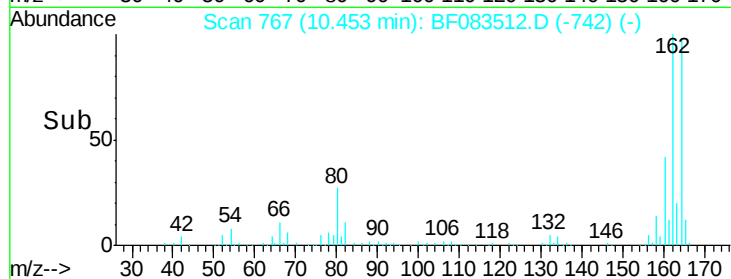
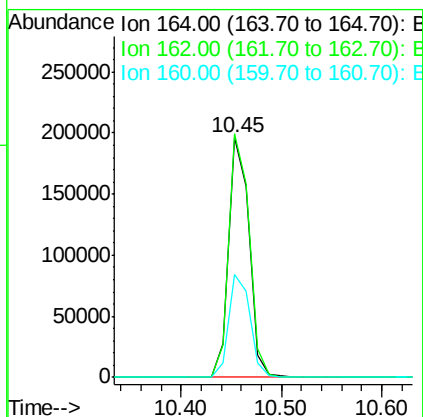
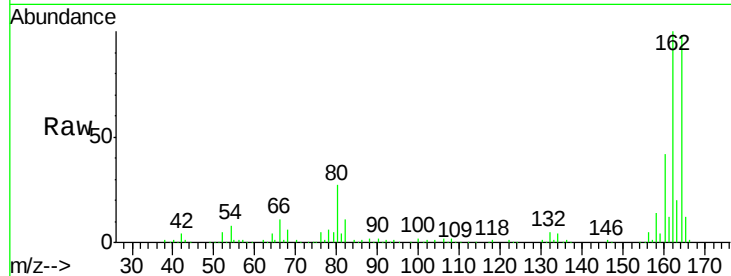




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF083512.D
 Acq: 5 Dec 2015 13:58

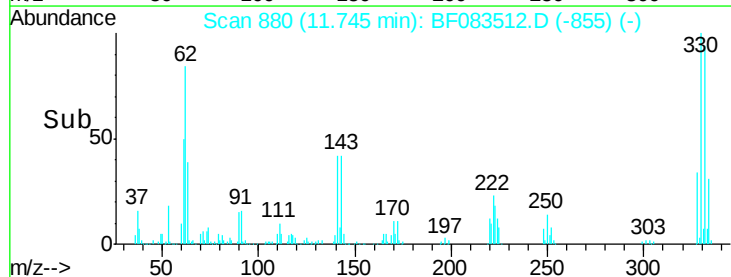
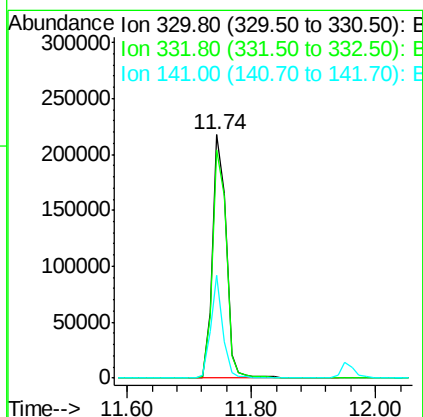
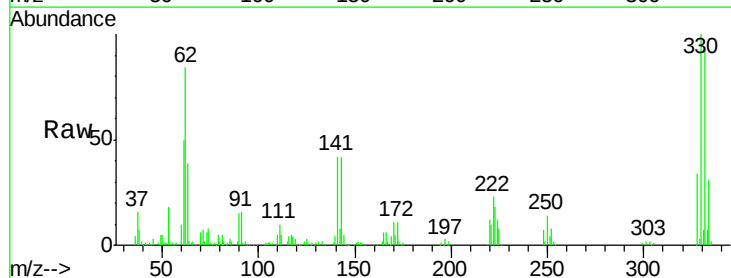
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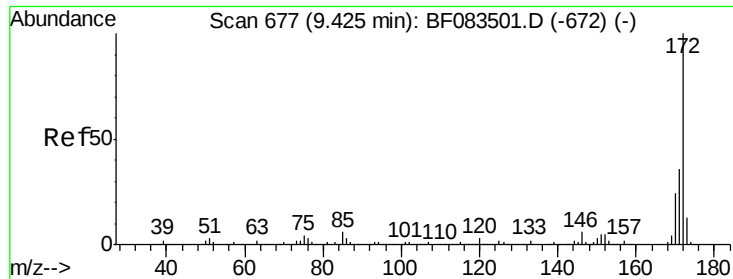
Tot Ion:164 Resp: 276567
 Ion Ratio Lower Upper
 164 100
 162 101.6 78.8 118.2
 160 43.1 33.4 50.2



#41
 2,4,6-Tribromophenol
 Concen: 129.33 ng
 RT: 11.74 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF083512.D
 Acq: 5 Dec 2015 13:58

Tgt Ion:330 Resp: 329943
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 37.6 0.0 0.0#





#44

2-Fluorobiphenyl

Concen: 80.47 ng

RT: 9.41 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF083512.D

Acq: 5 Dec 2015 13:58

Instrument :

BNA_F

ClientSampleId :

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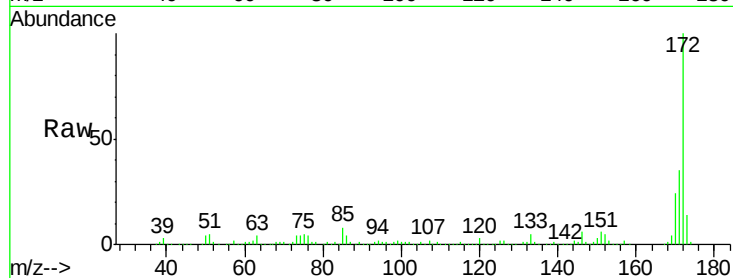
Tot Ion:172 Resp: 1640904

Ion Ratio Lower Upper

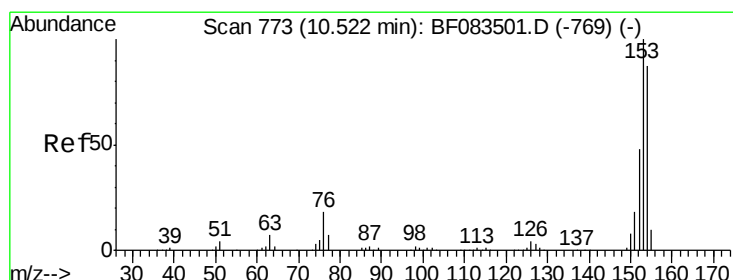
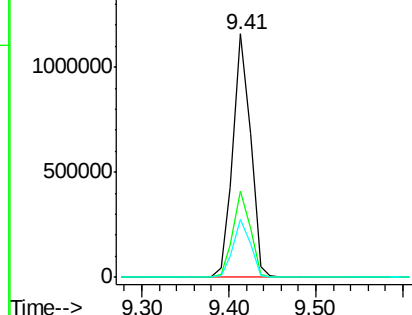
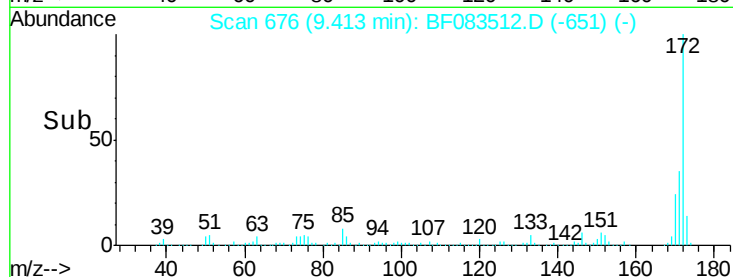
172 100

171 35.3 28.6 42.8

170 23.9 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



#51

Acenaphthene

Concen: 16.75 ng

RT: 10.51 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF083512.D

Acq: 5 Dec 2015 13:58

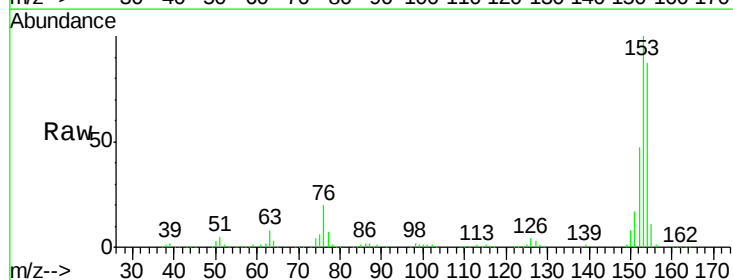
Tgt Ion:154 Resp: 292315

Ion Ratio Lower Upper

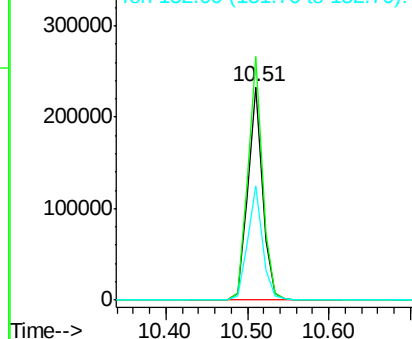
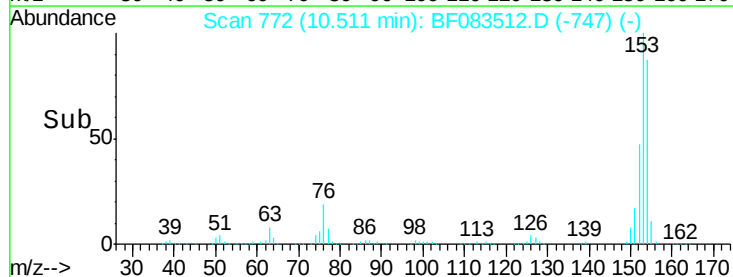
154 100

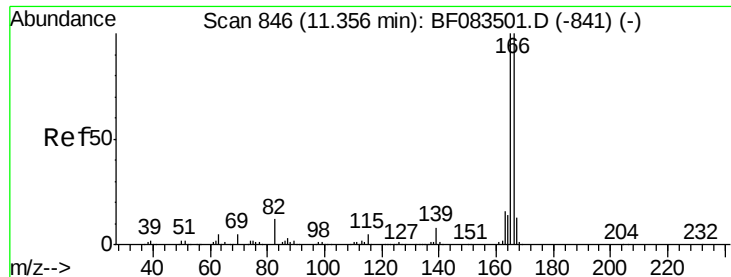
153 114.3 91.4 137.0

152 53.8 43.4 65.2



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

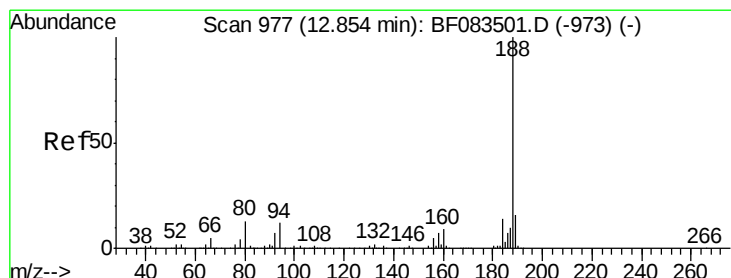
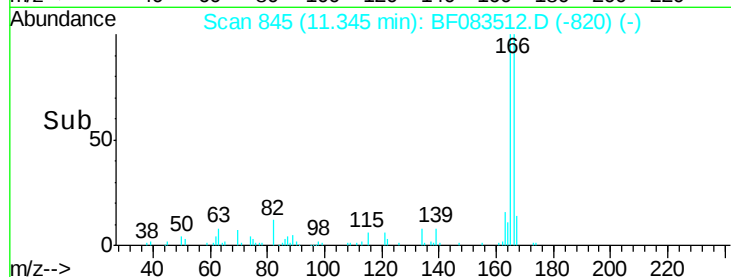
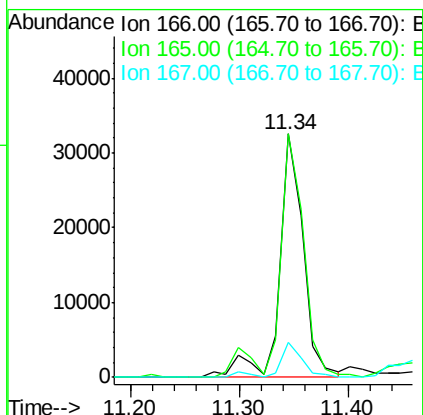
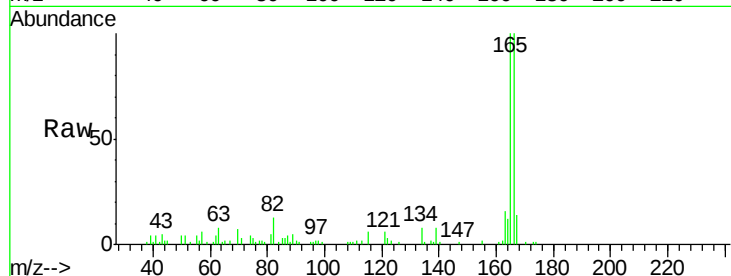




#57
Fluorene
 Concen: 2.36 ng
 RT: 11.34 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF083512.D
 Acq: 5 Dec 2015 13:58

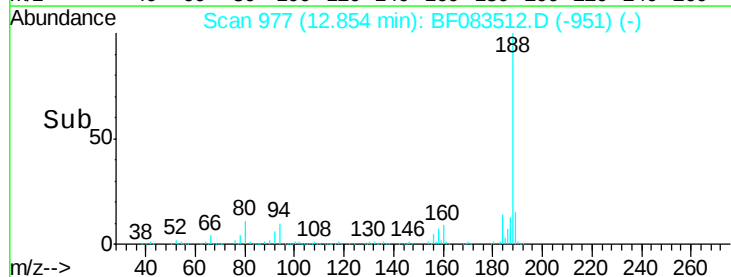
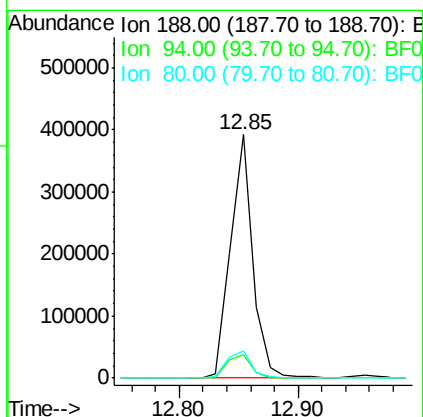
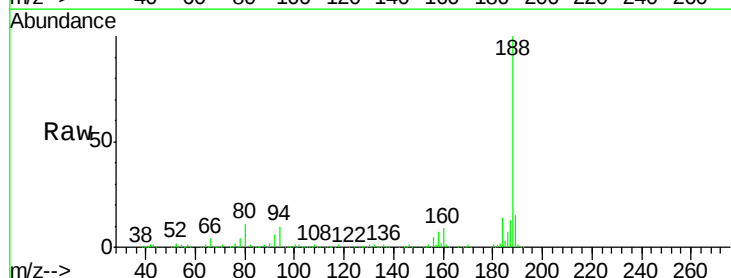
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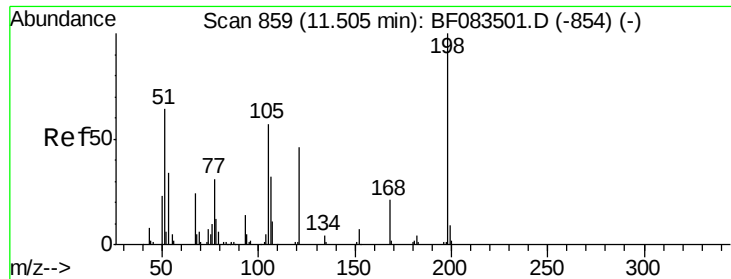
Tot Ion:166 Resp: 49728
 Ion Ratio Lower Upper
 166 100
 165 100.0 80.0 120.0
 167 14.3 10.6 16.0



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.85 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF083512.D
 Acq: 5 Dec 2015 13:58

Tgt Ion:188 Resp: 509275
 Ion Ratio Lower Upper
 188 100
 94 9.6 9.4 14.2
 80 11.1 10.6 16.0





#64

4,6-Dinitro-2-methylphenol

Concen: 3.59 ng

RT: 11.74 min Scan# 880

Delta R.T. 0.24 min

Lab File: BF083512.D

Acq: 5 Dec 2015 13:58

Instrument :

BNA_F

ClientSampleId :

20151125MGP225BRV78

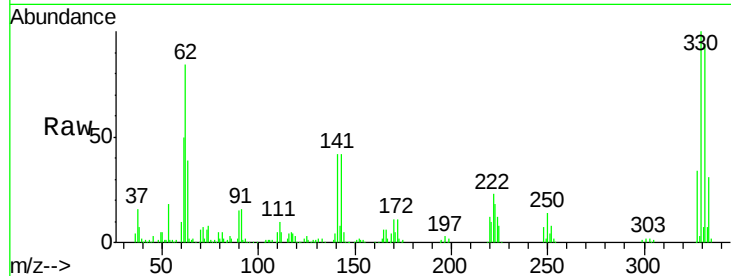
Tot Ion:198 Resp: 401

Ion Ratio Lower Upper

198 100

51 293.8 53.8 93.8#

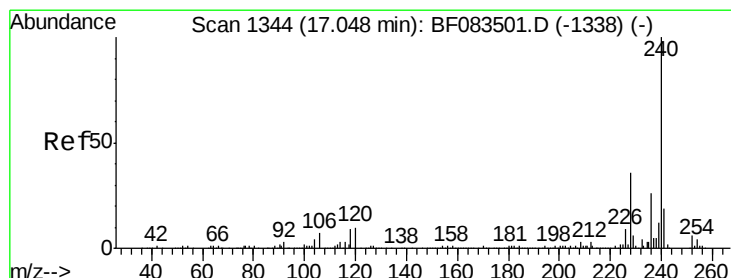
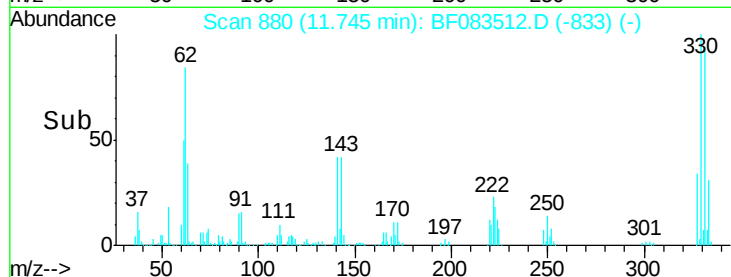
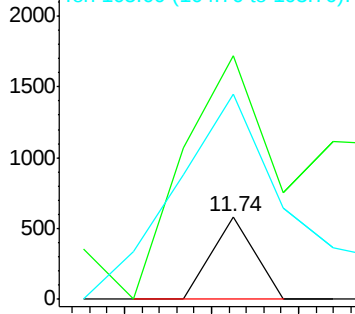
105 247.4 38.6 78.6#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.04 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF083512.D

Acq: 5 Dec 2015 13:58

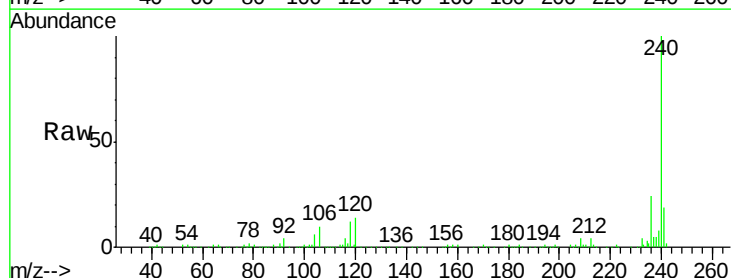
Tgt Ion:240 Resp: 420244

Ion Ratio Lower Upper

240 100

120 14.3 8.1 12.1#

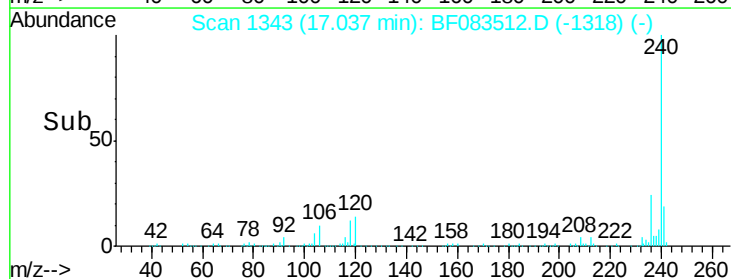
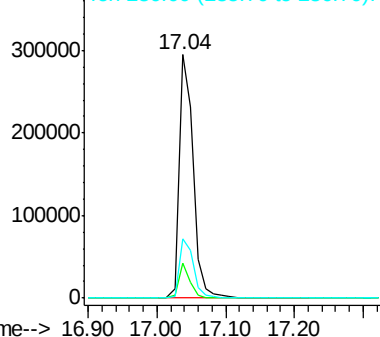
236 24.2 20.8 31.2

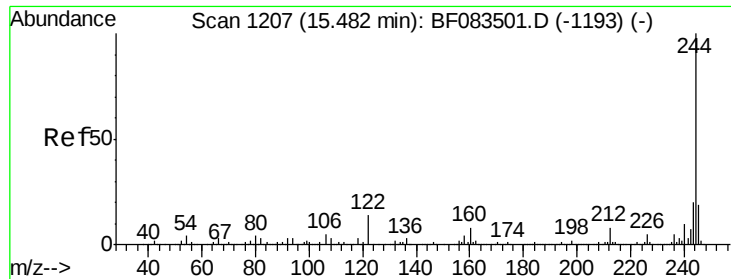


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.40 ng

RT: 15.48 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF083512.D

Acq: 5 Dec 2015 13:58

Instrument :

BNA_F

ClientSampleId :

20151125MGP225BRV78

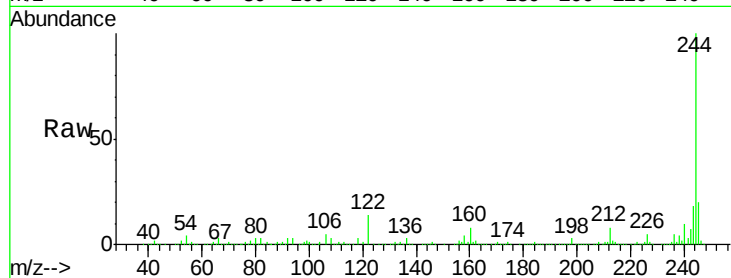
Tot Ion:244 Resp: 1612827

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

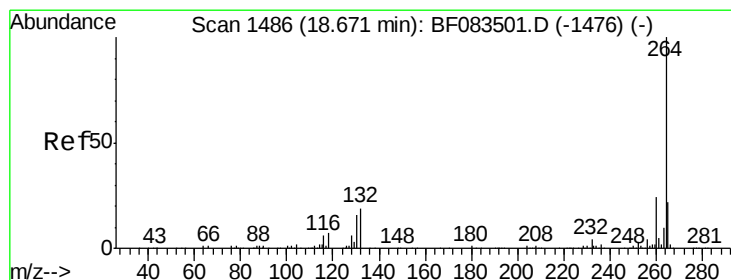
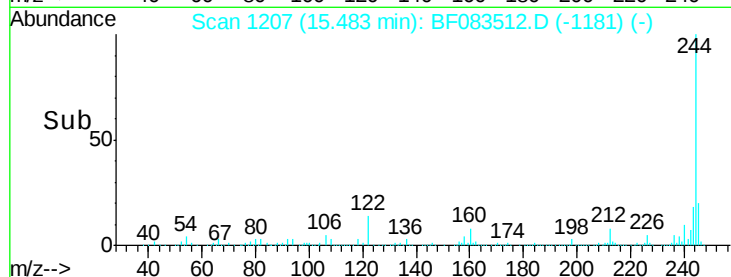
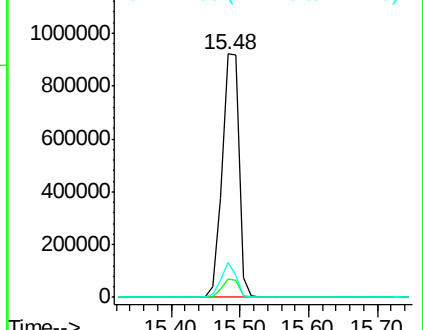
122 14.3 11.0 16.6



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

Perylene-d12

Concen: 20.00 ng

RT: 18.67 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BF083512.D

Acq: 5 Dec 2015 13:58

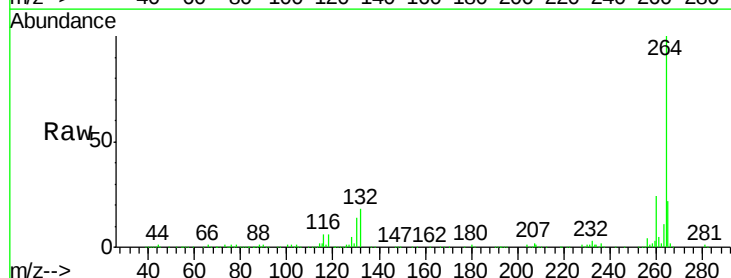
Tgt Ion:264 Resp: 314965

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 22.1 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

