

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083178.D
 Acq On : 23 Nov 2015 00:36
 Operator : UM/IZ
 Sample : G4496-03
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A18-COMP

Quant Time: Nov 23 03:43:07 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

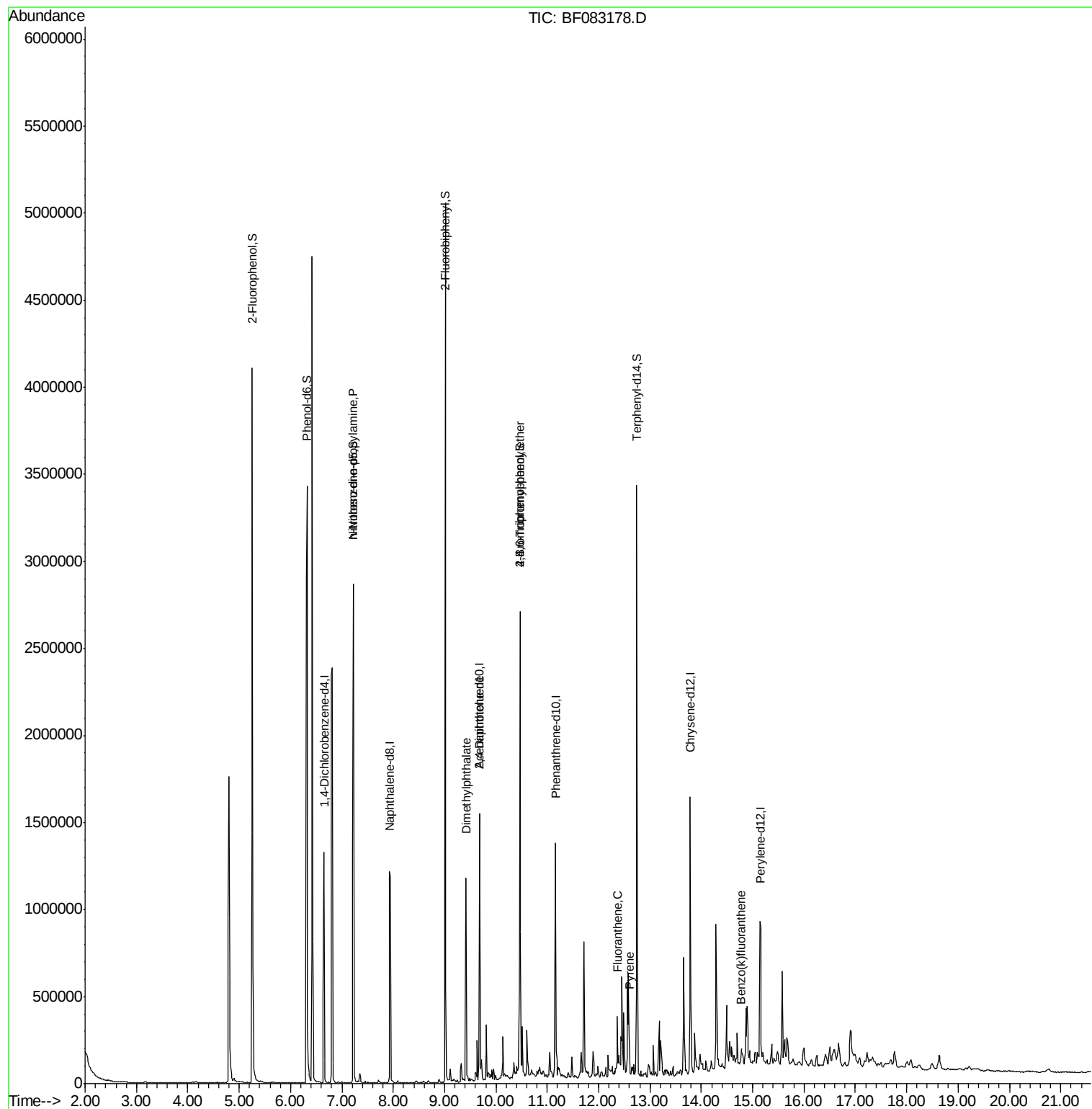
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	222894	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	825045	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	397180	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	701872	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	506628	20.00	ng	-0.02
86) Perylene-d12	15.15	264	454509	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1249723	84.77	ng	-0.02
7) Phenol-d6	6.32	99	1702665	89.26	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1091643	60.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	294612	72.50	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	1497707	52.58	ng	-0.01
78) Terphenyl-d14	12.74	244	1064538	49.48	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.32	77	2919	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.22	70	143219	10.79	ng	# 74
49) Dimethylphthalate	9.42	163	440384	14.40	ng	# 100
56) 2,4-Dinitrotoluene	9.68	165	50547	5.81	ng	# 10
66) 4-Bromophenyl-phenylether	10.47	248	19482	2.50	ng	# 1
74) Fluoranthene	12.37	202	96294	2.33	ng	# 96
77) Pyrene	12.59	202	75990	2.20	ng	# 96
88) Benzo(k)fluoranthene	14.78	252	57787	2.50	ng	# 94

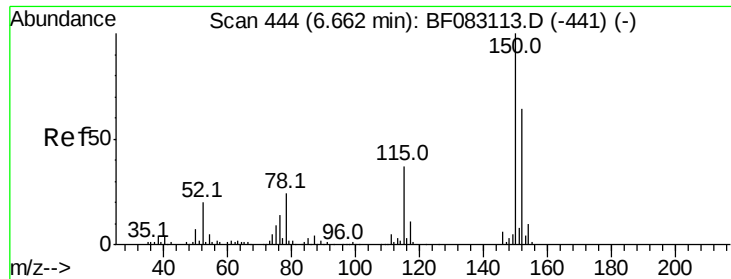
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
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ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A18-COMP

Quant Time: Nov 23 03:43:07 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF083178.D

Acq: 23 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

A18-COMP

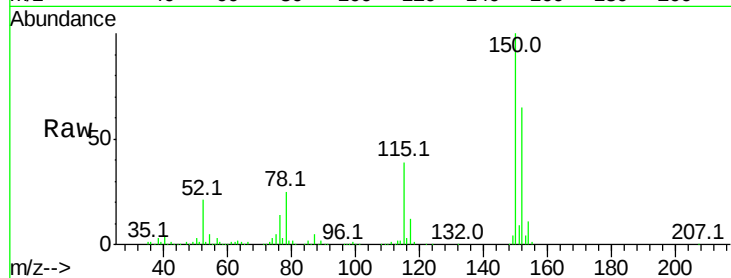
Tot Ion:152 Resp: 222894

Ion Ratio Lower Upper

152 100

150 152.8 125.8 188.8

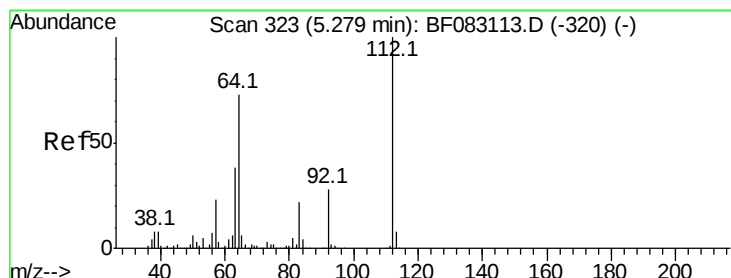
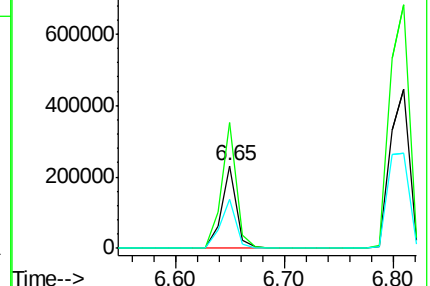
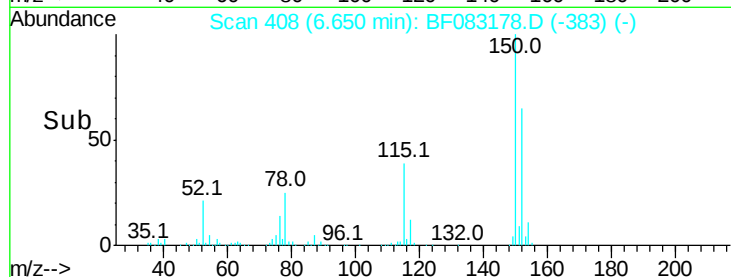
115 59.4 46.9 70.3



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



#5

2-Fluorophenol

Concen: 84.77 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083178.D

Acq: 23 Nov 2015 00:36

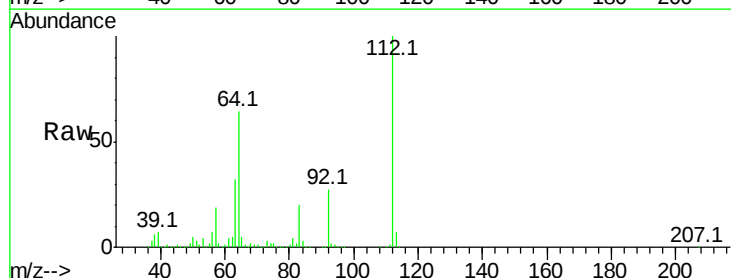
Tgt Ion:112 Resp: 1249723

Ion Ratio Lower Upper

112 100

64 64.2 58.4 87.6

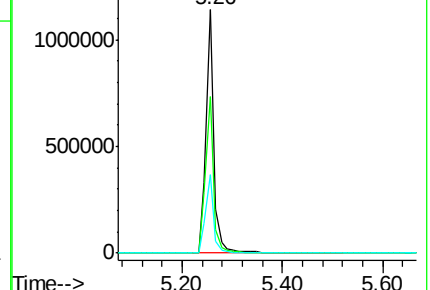
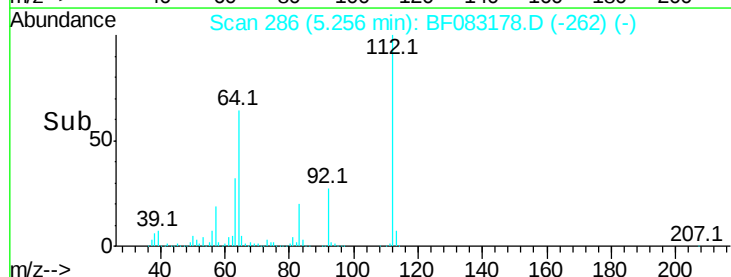
63 32.4 30.0 45.0

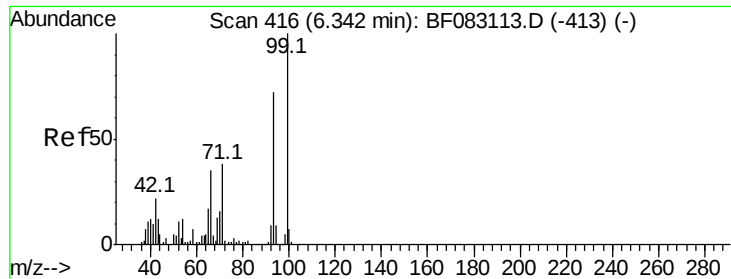


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 89.26 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083178.D

Acq: 23 Nov 2015 00:36

Instrument :

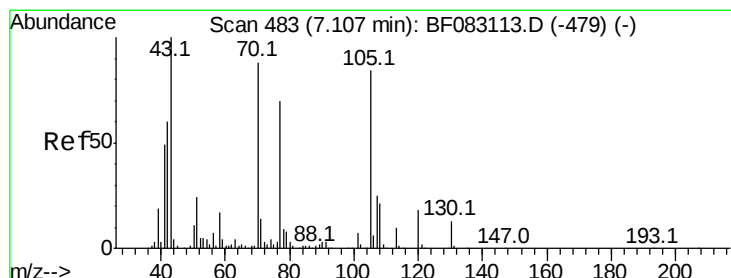
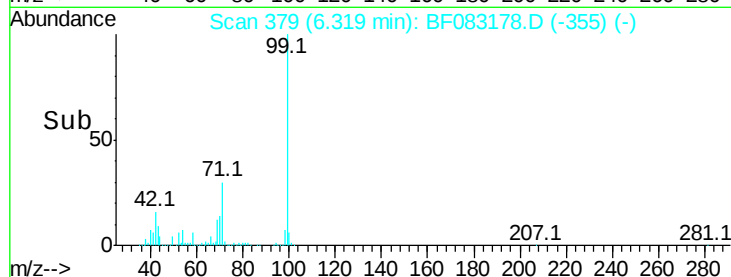
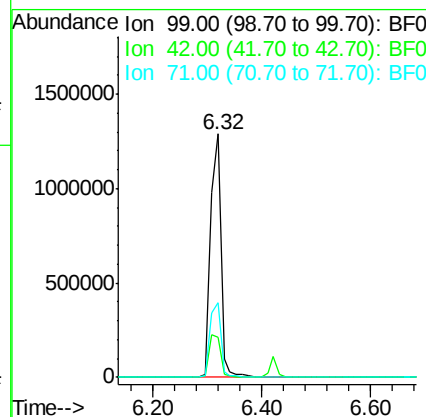
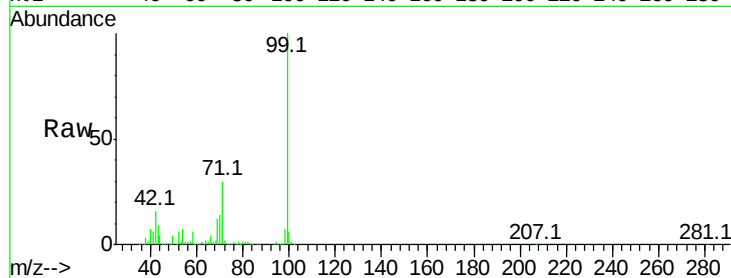
BNA_F

ClientSampleId :

A18-COMP

Tot Ion: 99 Resp: 1702665

Ion	Ratio	Lower	Upper
99	100		
42	16.2	17.7	26.5#
71	30.4	30.2	45.4



#19

n-Nitroso-di-n-propylamine

Concen: 10.79 ng

RT: 7.22 min Scan# 458

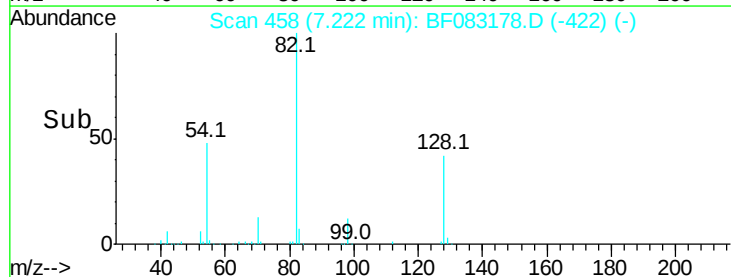
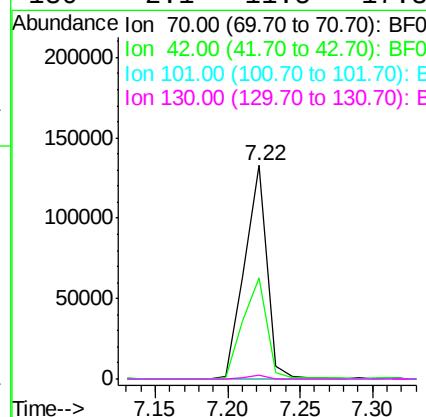
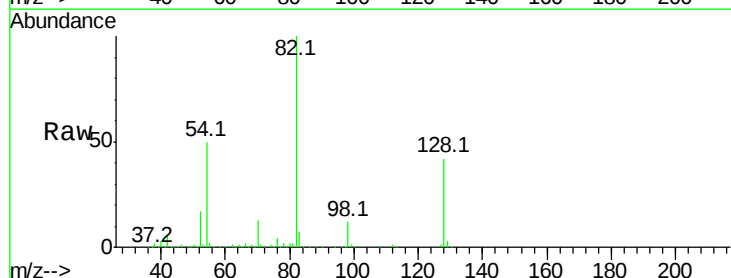
Delta R.T. 0.11 min

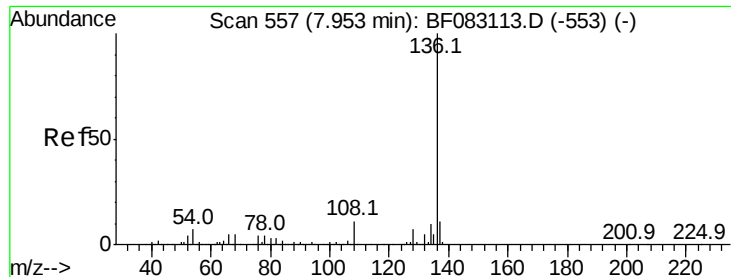
Lab File: BF083178.D

Acq: 23 Nov 2015 00:36

Tgt Ion: 70 Resp: 143219

Ion	Ratio	Lower	Upper
70	100		
42	47.4	54.5	81.7#
101	0.0	6.6	9.8#
130	2.1	11.5	17.3#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083178.D

Acq: 23 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

A18-COMP

Tot Ion:136 Resp: 825045

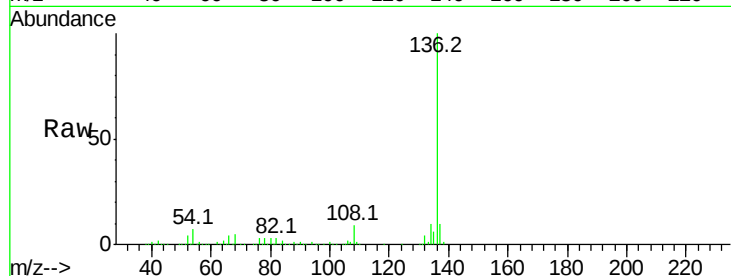
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 7.0 5.8 8.6

68 5.5 3.8 5.8

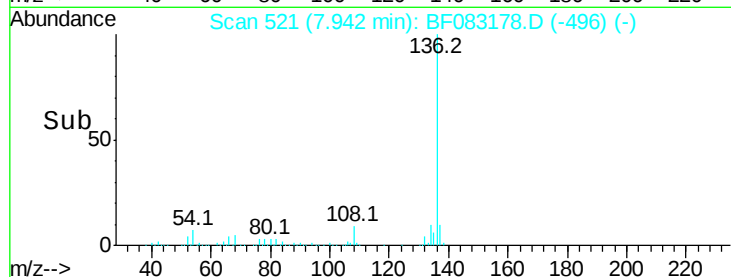


Abundance Ion 136.00 (135.70 to 136.70): E

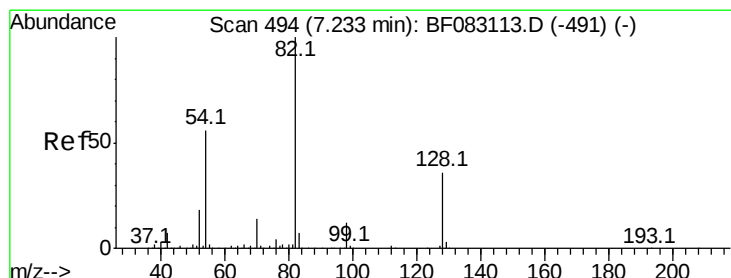
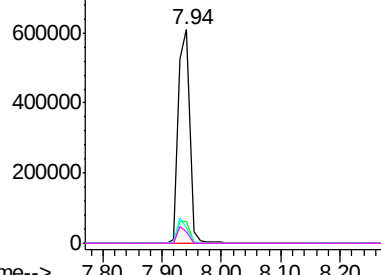
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 60.46 ng

RT: 7.22 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083178.D

Acq: 23 Nov 2015 00:36

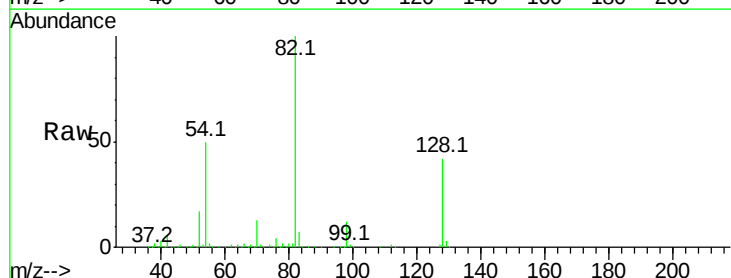
Tgt Ion: 82 Resp: 1091643

Ion Ratio Lower Upper

82 100

128 42.3 28.5 42.7

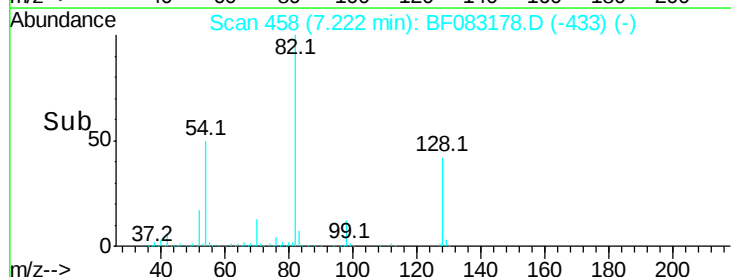
54 50.1 44.6 67.0



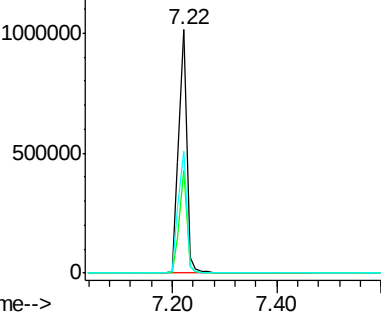
Abundance Ion 82.00 (81.70 to 82.70): BF0

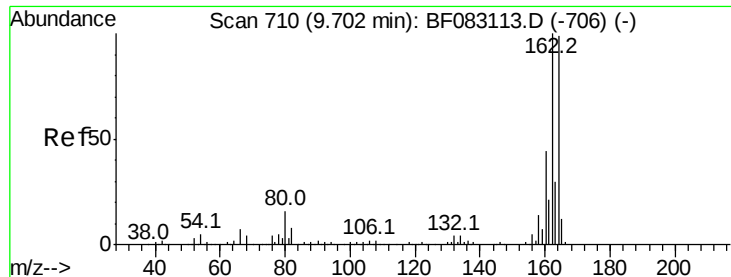
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF083178.D

Acq: 23 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

A18-COMP

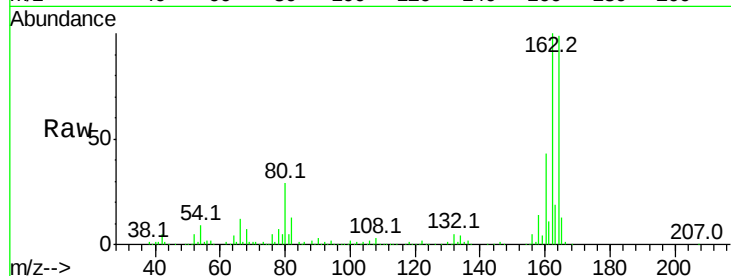
Tot Ion:164 Resp: 397180

Ion Ratio Lower Upper

164 100

162 101.0 81.2 121.8

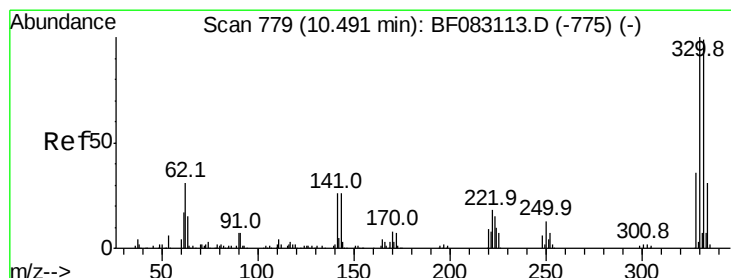
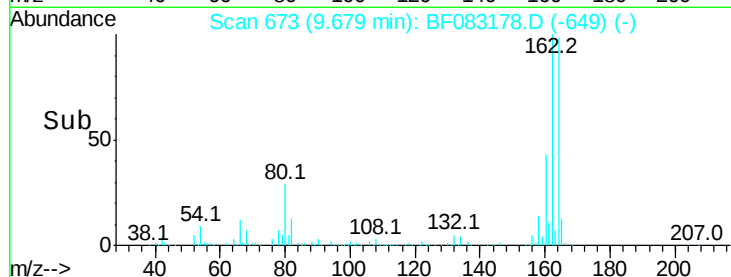
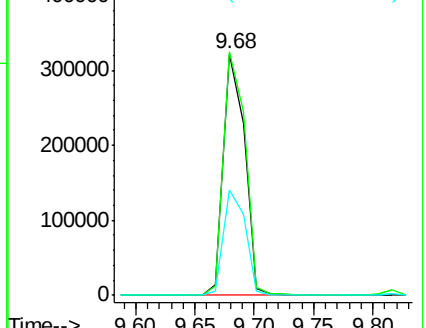
160 43.5 35.6 53.4



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



#41

2,4,6-Tribromophenol

Concen: 72.50 ng

RT: 10.47 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF083178.D

Acq: 23 Nov 2015 00:36

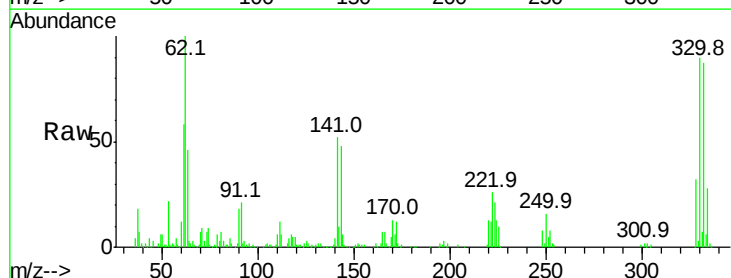
Tgt Ion:330 Resp: 294612

Ion Ratio Lower Upper

330 100

332 97.0 77.7 116.5

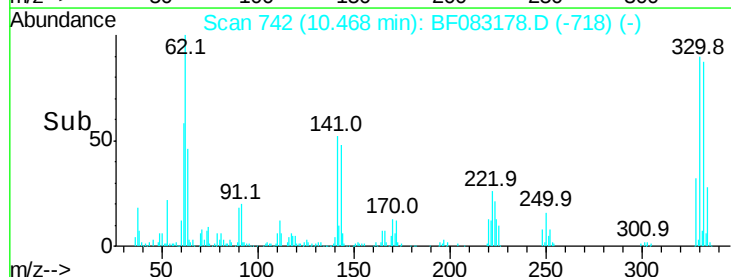
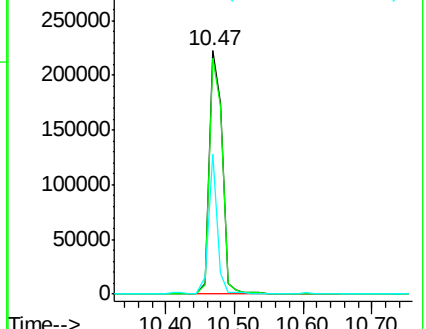
141 39.4 29.7 44.5

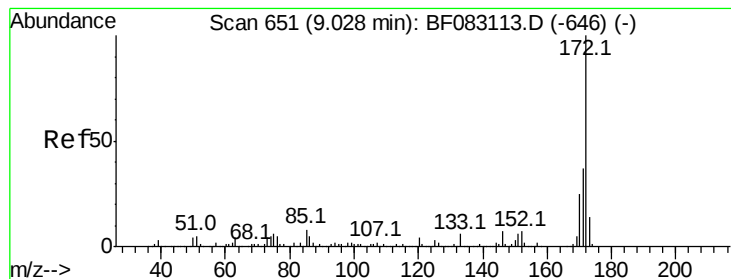


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

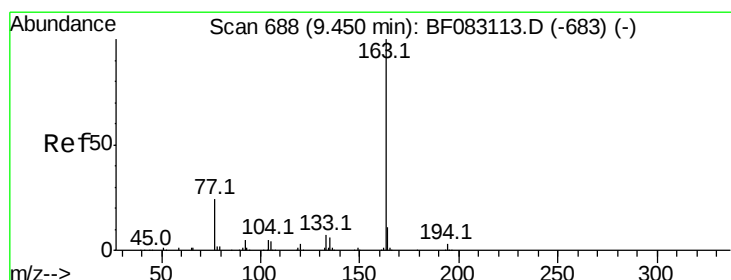
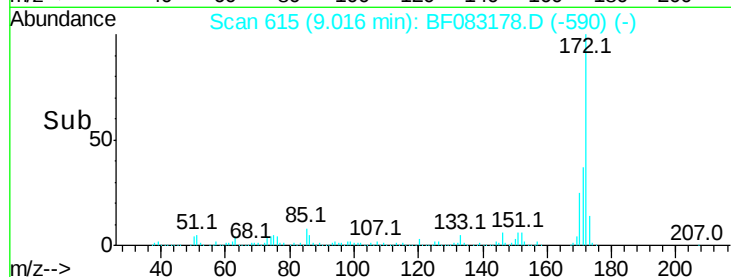
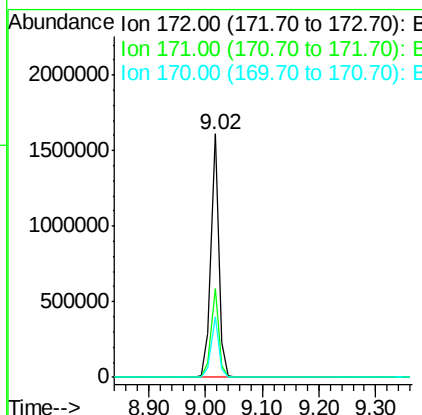
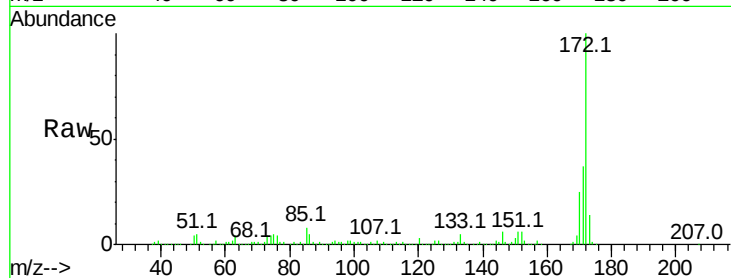




#44
2-Fluorobiphenyl
Concen: 52.58 ng
RT: 9.02 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF083178.D
Acq: 23 Nov 2015 00:36

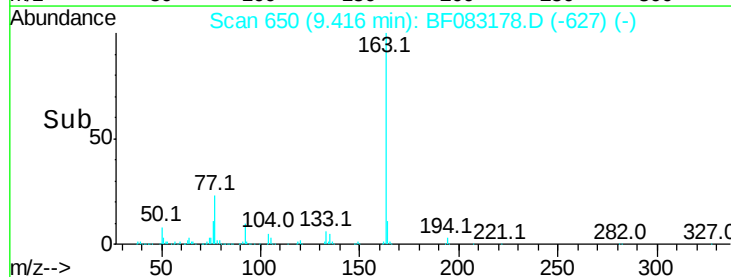
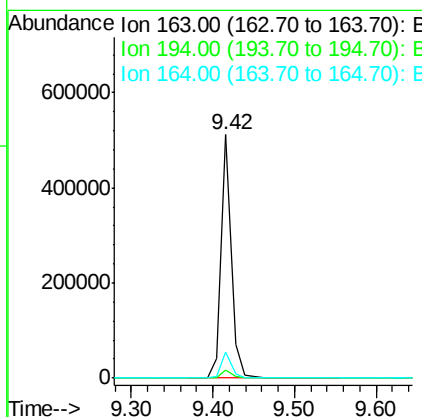
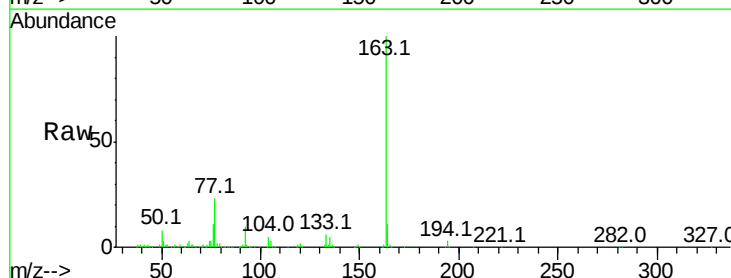
Instrument :
BNA_F
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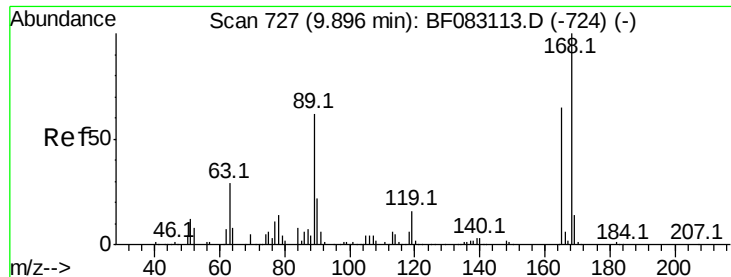
Tot Ion:172 Resp: 1497707
Ion Ratio Lower Upper
172 100
171 36.6 29.5 44.3
170 25.0 19.9 29.9



#49
Dimethylphthalate
Concen: 14.40 ng
RT: 9.42 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF083178.D
Acq: 23 Nov 2015 00:36

Tgt Ion:163 Resp: 440384
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.7 8.6 12.8

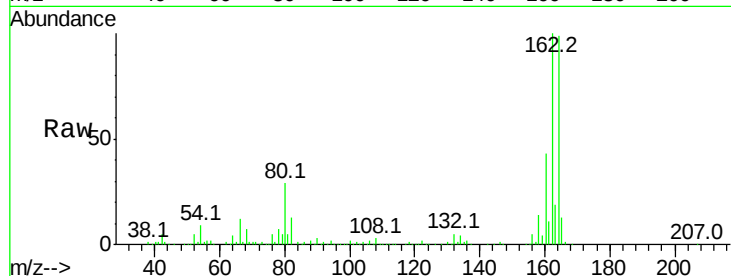




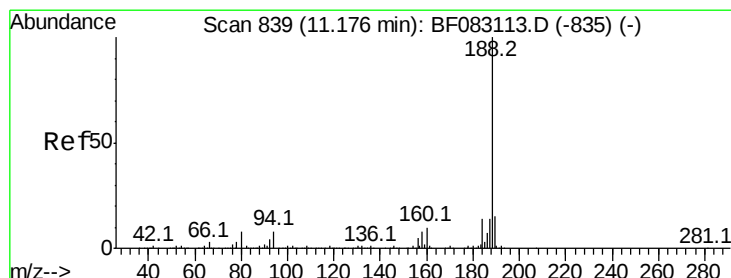
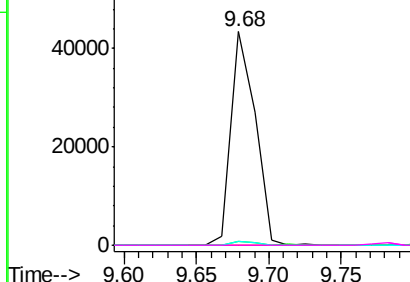
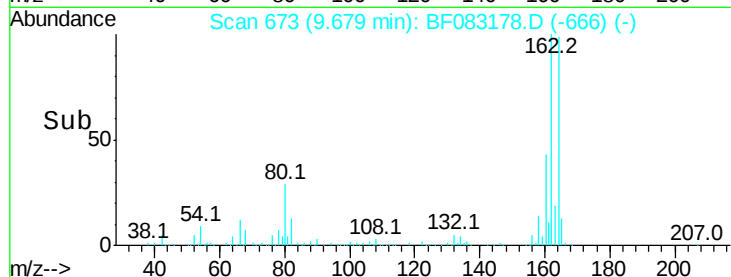
#56
2,4-Dinitrotoluene
Concen: 5.81 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.22 min
Lab File: BF083178.D
Acq: 23 Nov 2015 00:36

Instrument :
BNA_F
ClientSampleId :
A18-COMP

Tot Ion:165 Resp: 50547
Ion Ratio Lower Upper
165 100
63 1.7 54.5 81.7#
89 1.6 77.3 115.9#
182 0.0 1.8 2.6#

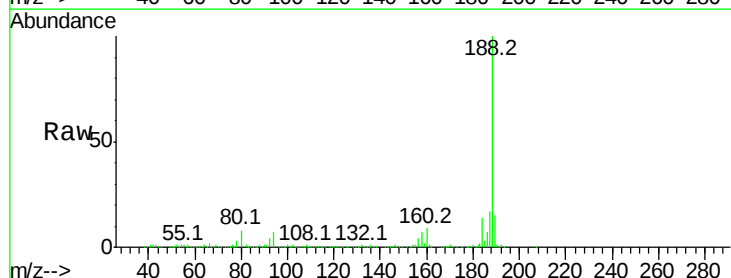


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.30): BF0
Ion 89.00 (88.70 to 89.30): BF0
Ion 182.00 (181.70 to 182.30): E

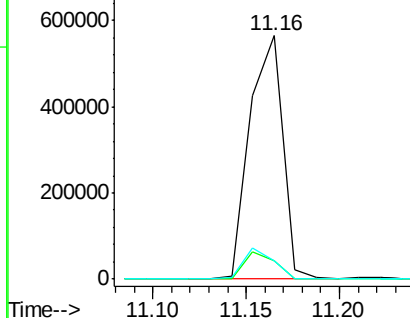
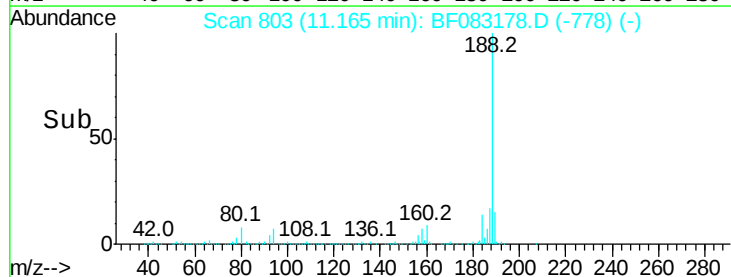


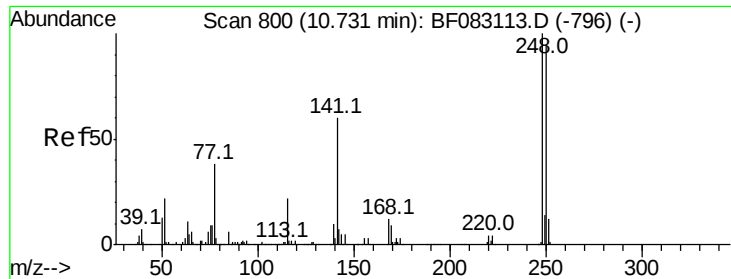
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083178.D
Acq: 23 Nov 2015 00:36

Tgt Ion:188 Resp: 701872
Ion Ratio Lower Upper
188 100
94 7.3 6.0 9.0
80 7.8 6.7 10.1



Abundance Ion 188.00 (187.70 to 188.30): E
Ion 94.00 (93.70 to 94.30): BF0
Ion 80.00 (79.70 to 80.30): BF0

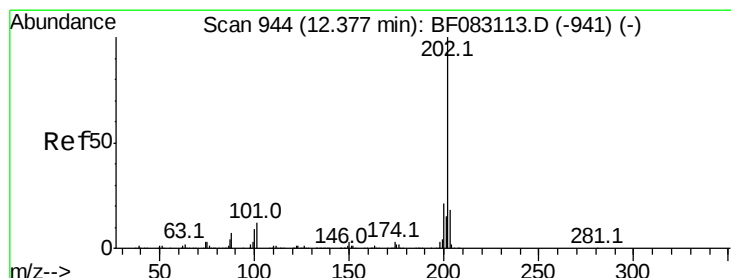
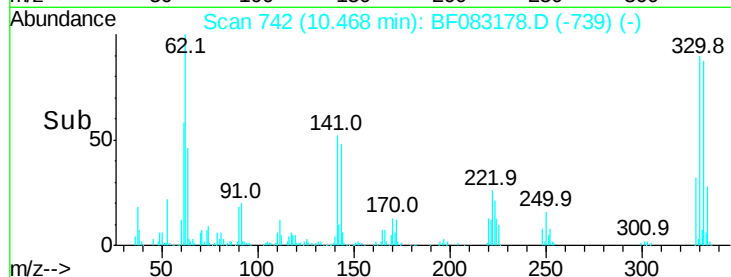
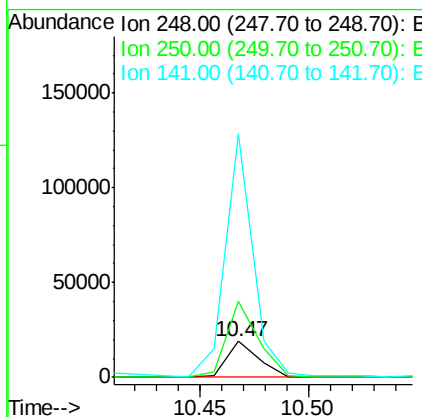
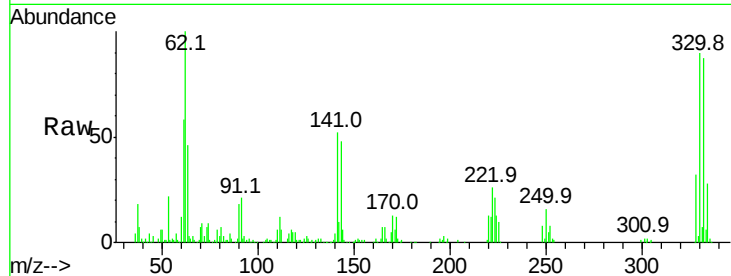




#66
4-Bromophenyl-phenylether
Concen: 2.50 ng
RT: 10.47 min Scan# 742
Delta R.T. -0.26 min
Lab File: BF083178.D
Acq: 23 Nov 2015 00:36

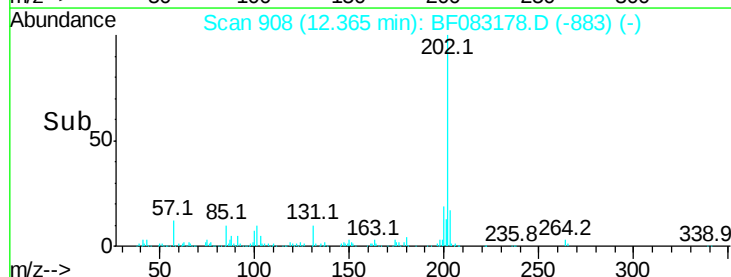
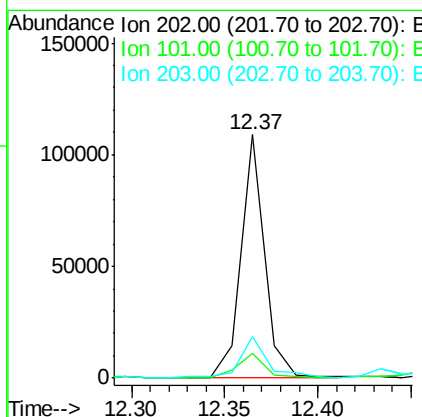
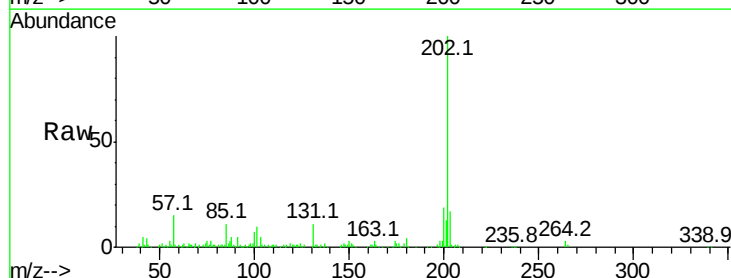
Instrument :
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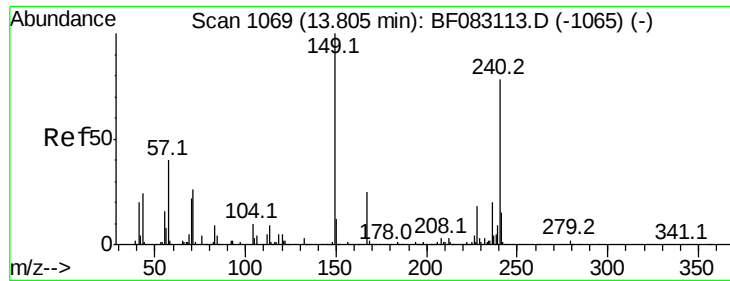
Tot Ion:248 Resp: 19482
Ion Ratio Lower Upper
248 100
250 212.7 75.4 113.2#
141 678.3 48.1 72.1#



#74
Fluoranthene
Concen: 2.33 ng
RT: 12.37 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF083178.D
Acq: 23 Nov 2015 00:36

Tgt Ion:202 Resp: 96294
Ion Ratio Lower Upper
202 100
101 10.4 0.0 32.3
203 17.2 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083178.D

Acq: 23 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

A18-COMP

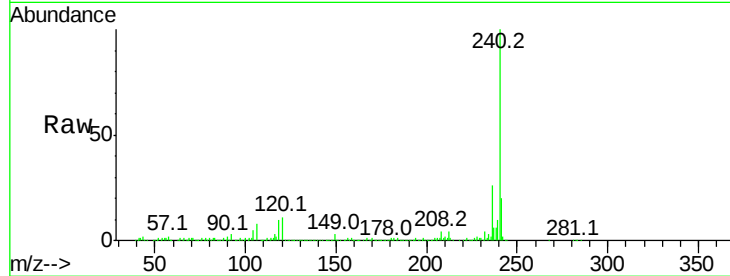
Tot Ion:240 Resp: 506628

Ion Ratio Lower Upper

240 100

120 11.2 5.4 8.2#

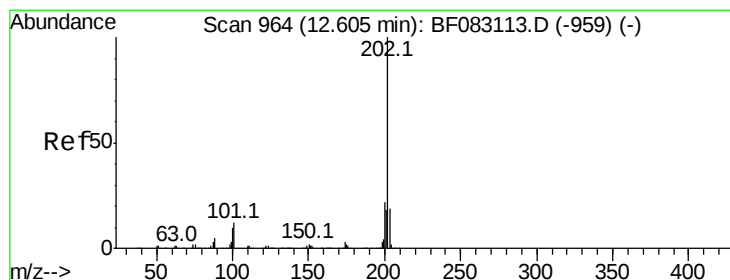
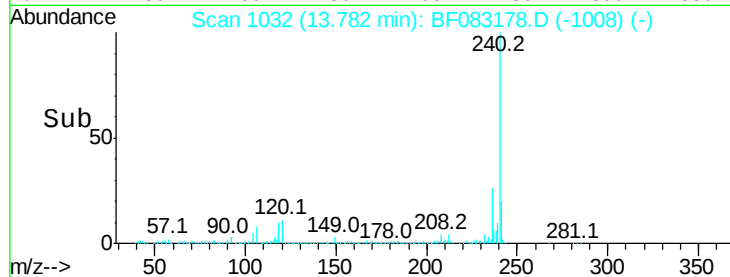
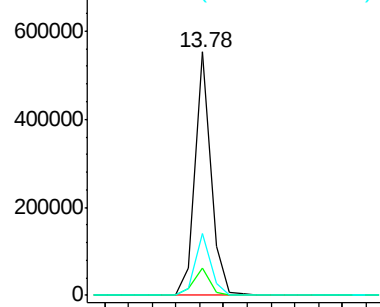
236 25.5 20.6 31.0



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: 2.20 ng

RT: 12.59 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF083178.D

Acq: 23 Nov 2015 00:36

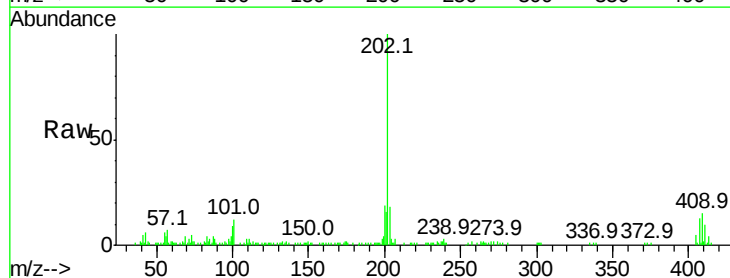
Tgt Ion:202 Resp: 75990

Ion Ratio Lower Upper

202 100

200 19.3 17.8 26.6

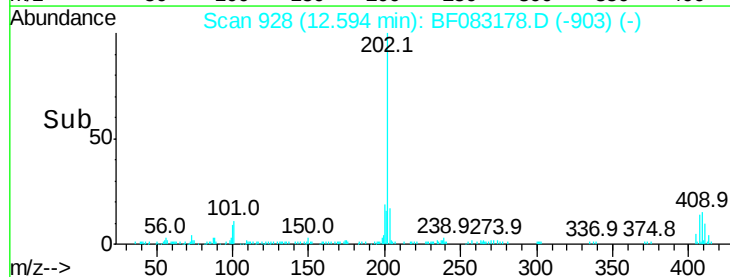
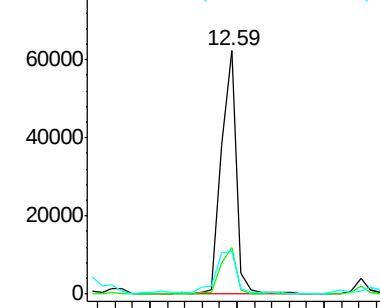
203 17.6 15.0 22.4

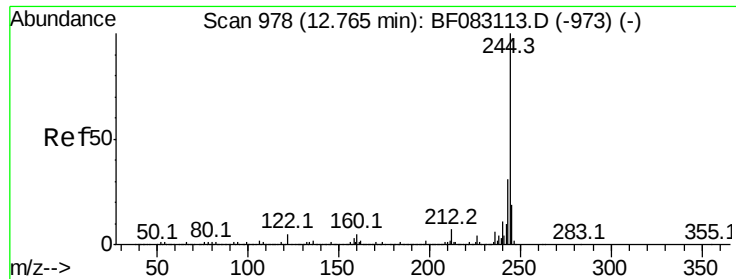


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 49.48 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083178.D

Acq: 23 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

A18-COMP

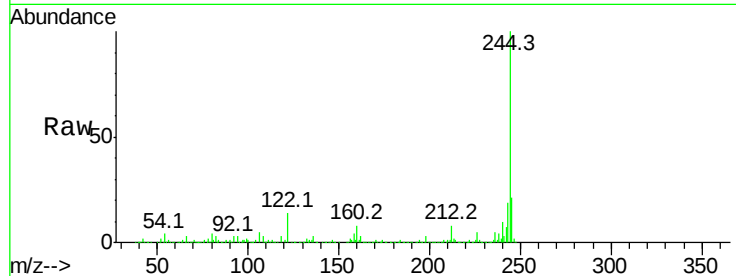
Tot Ion:244 Resp: 1064538

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.2

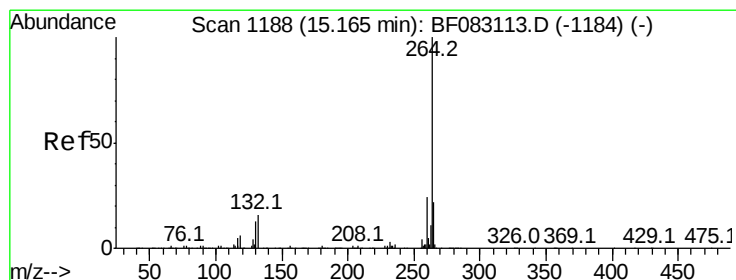
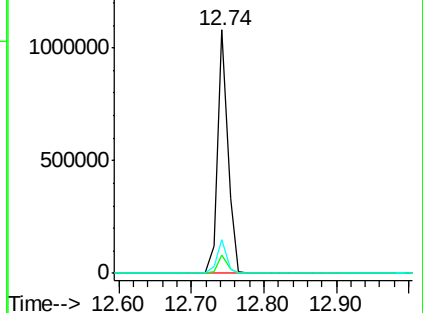
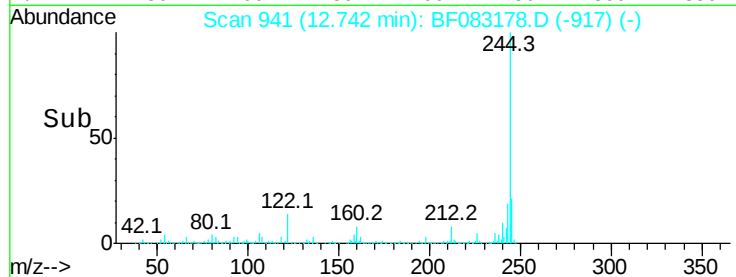
122 14.1 4.3 6.5#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083178.D

Acq: 23 Nov 2015 00:36

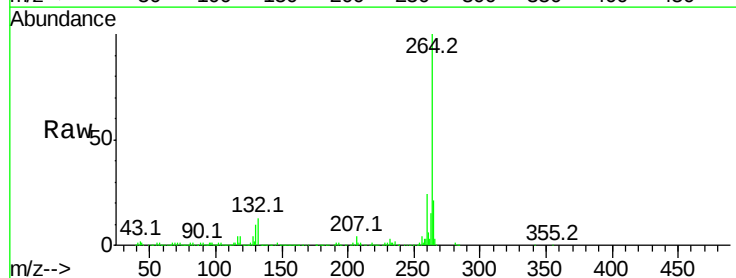
Tgt Ion:264 Resp: 454509

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

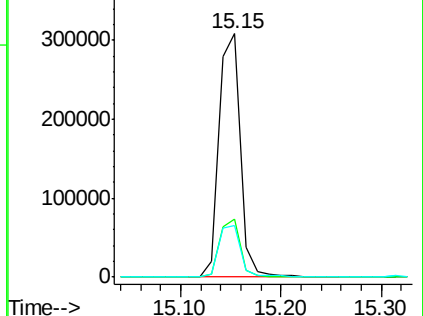
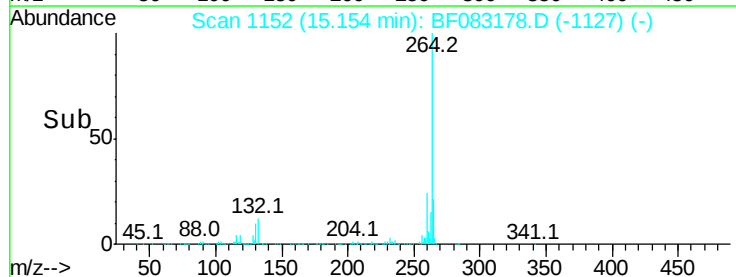
265 21.0 18.2 27.4

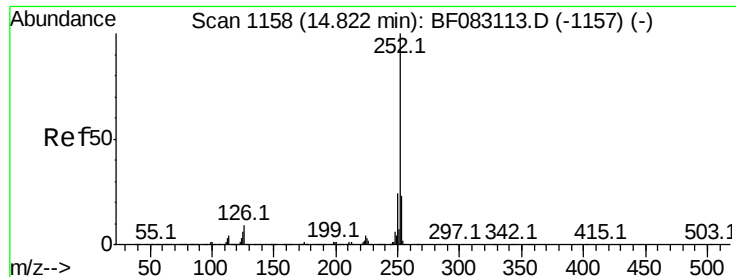


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(k)fluoranthene

Concen: 2.50 ng

RT: 14.78 min Scan# 1119

Delta R.T. -0.05 min

Lab File: BF083178.D

Acq: 23 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

A18-COMP

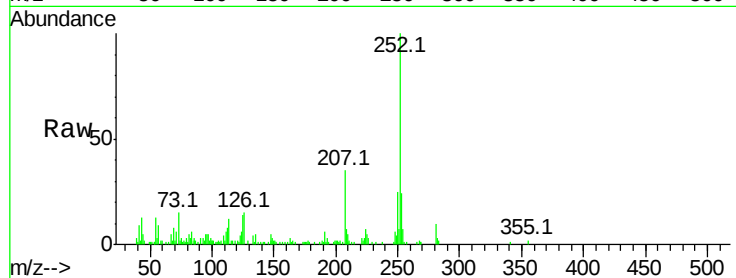
Tot Ion:252 Resp: 57787

Ion Ratio Lower Upper

252 100

253 24.3 18.2 27.2

125 13.7 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

