

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
 Data File : BF083530.D
 Acq On : 6 Dec 2015 19:24
 Operator : UM/IZ
 Sample : G4614-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S7-14.5

Quant Time: Dec 07 06:07:01 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

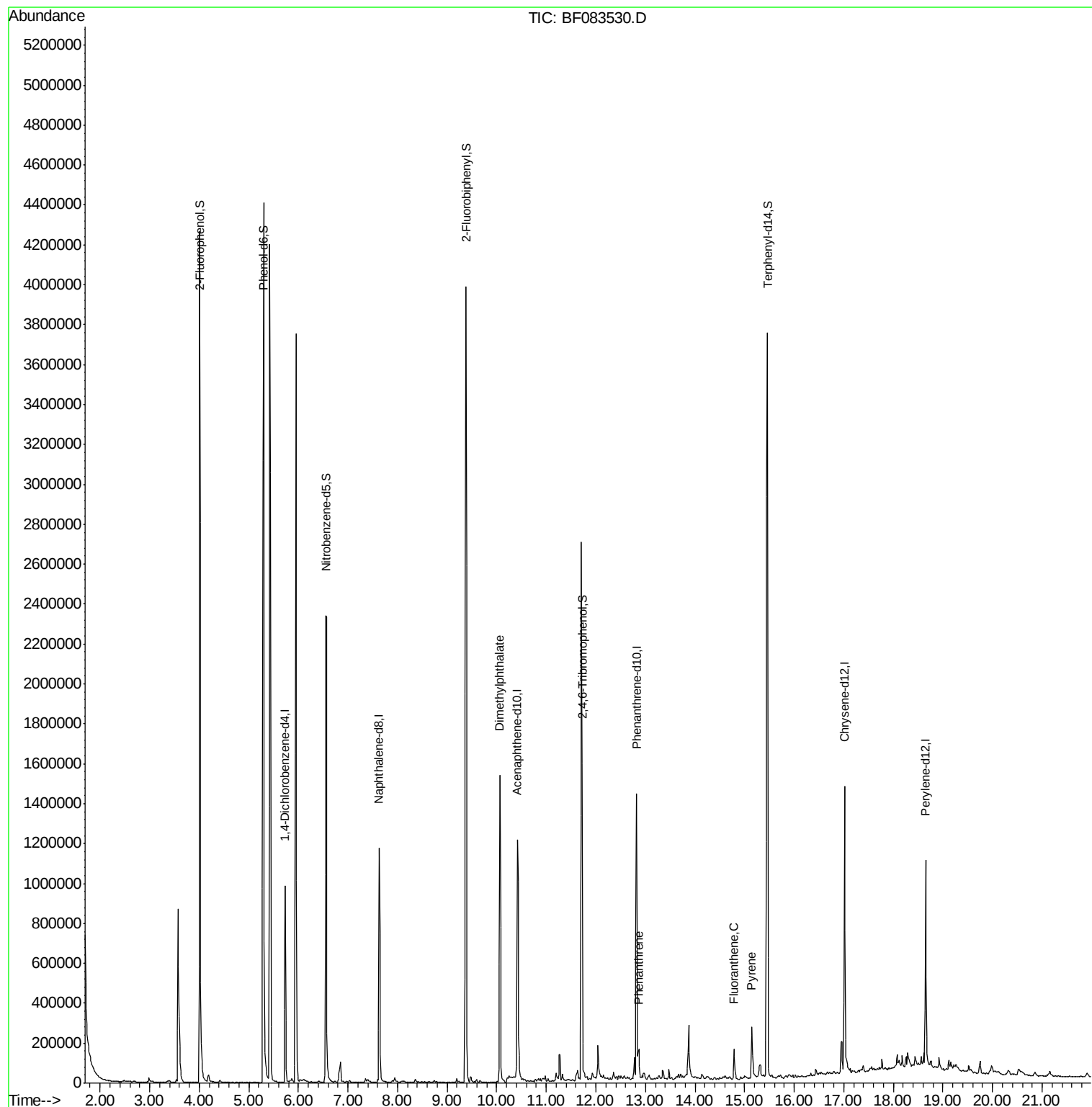
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	190433	20.00	ng	-0.03
21) Naphthalene-d8	7.63	136	761235	20.00	ng	-0.05
38) Acenaphthene-d10	10.42	164	387149	20.00	ng	-0.05
63) Phenanthrene-d10	12.82	188	715029	20.00	ng	-0.03
75) Chrysene-d12	17.01	240	632992	20.00	ng	-0.03
86) Perylene-d12	18.65	264	501718	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.01	112	1607350	128.05	ng	-0.02
7) Phenol-d6	5.30	99	2246267	129.88	ng	-0.02
23) Nitrobenzene-d5	6.57	82	1502751	92.28	ng	-0.03
41) 2,4,6-Tribromophenol	11.72	330	479446	134.25	ng	-0.03
44) 2-Fluorobiphenyl	9.38	172	2108016	73.85	ng	-0.05
78) Terphenyl-d14	15.46	244	1925330	67.68	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	10.06	163	920889	30.22	ng	99
70) Phenanthrene	12.87	178	111778	2.69	ng	99
74) Fluoranthene	14.79	202	107487	2.61	ng	99
77) Pyrene	15.14	202	96550	2.04	ng	# 95

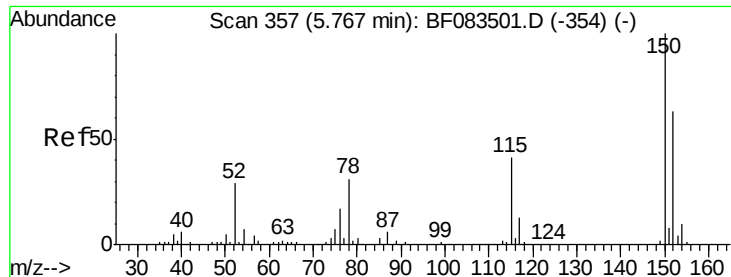
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083530.D
Acq On : 6 Dec 2015 19:24
Operator : UM/IZ
Sample : G4614-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S7-14.5

Quant Time: Dec 07 06:07:01 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



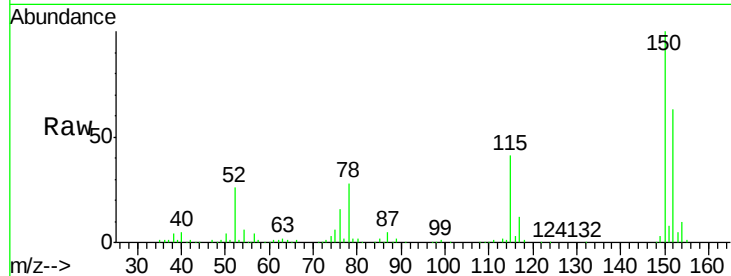


#1

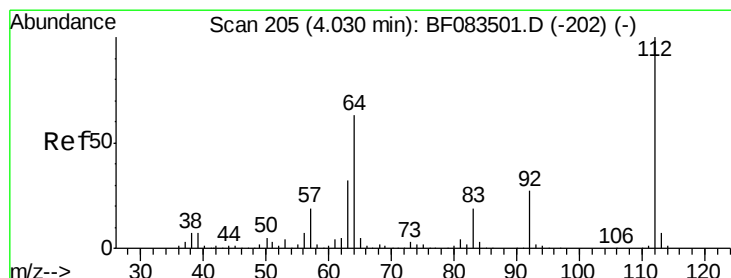
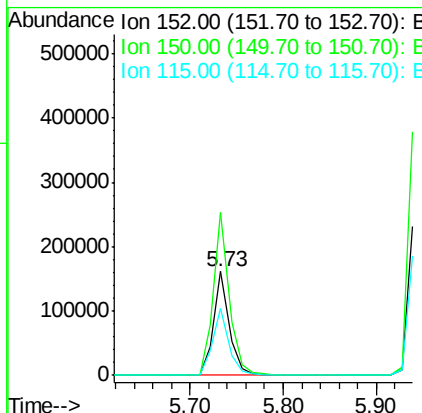
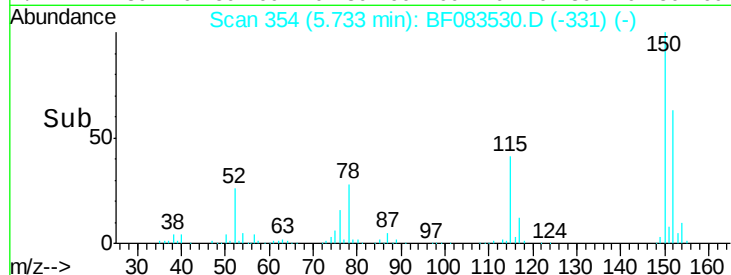
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.73 min Scan# 354
Delta R.T. -0.03 min
Lab File: BF083530.D
Acq: 6 Dec 2015 19:24

Instrument :
BNA_F
ClientSampleId :
S7-14.5

Tot Ion:152 Resp: 190433
Ion Ratio Lower Upper
152 100
150 157.7 126.5 189.7
115 64.5 52.3 78.5



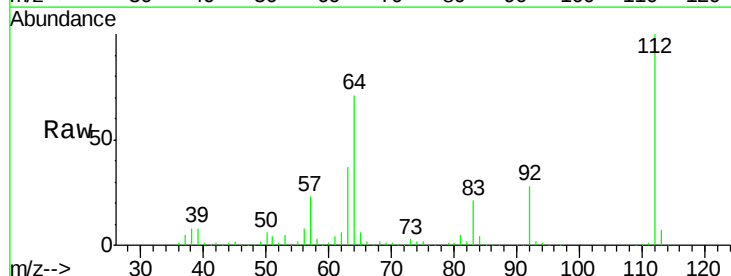
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



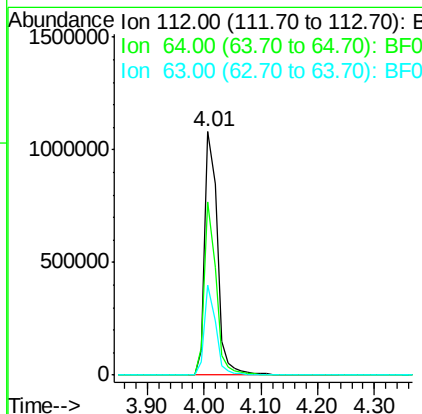
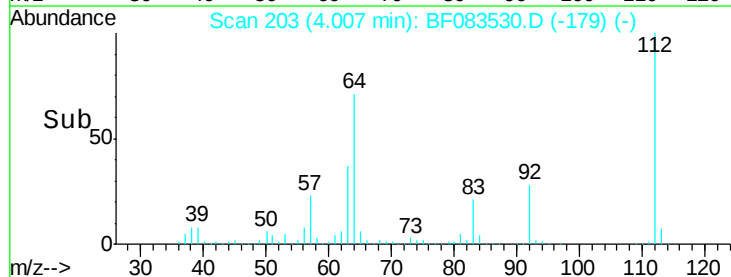
#5

2-Fluorophenol
Concen: 128.05 ng
RT: 4.01 min Scan# 203
Delta R.T. -0.02 min
Lab File: BF083530.D
Acq: 6 Dec 2015 19:24

Tgt Ion:112 Resp: 1607350
Ion Ratio Lower Upper
112 100
64 71.1 50.5 75.7
63 37.0 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: 129.88 ng

RT: 5.30 min Scan# 316

Delta R.T. -0.02 min

Lab File: BF083530.D

Acq: 6 Dec 2015 19:24

Instrument :

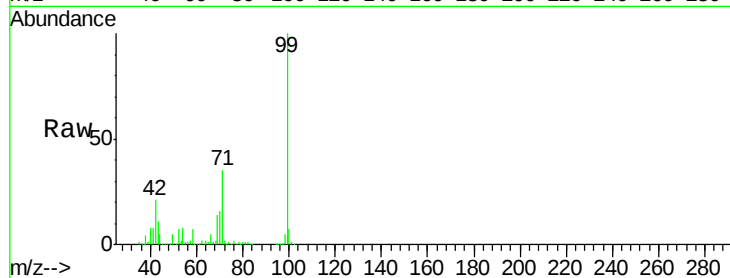
BNA_F

ClientSampleId :

S7-14.5

Tot Ion: 99 Resp: 2246267

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.3	25.9
71	35.2	26.6	40.0

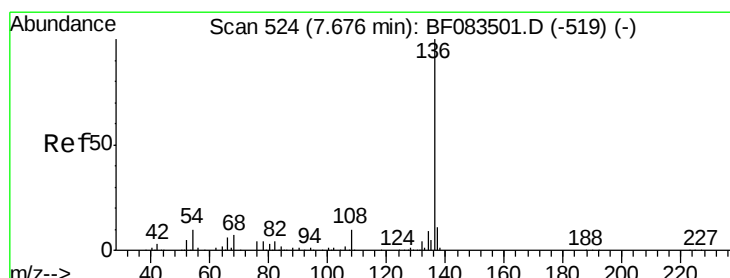
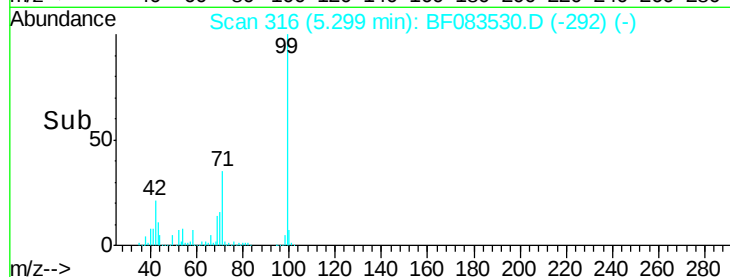


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.63 min Scan# 520

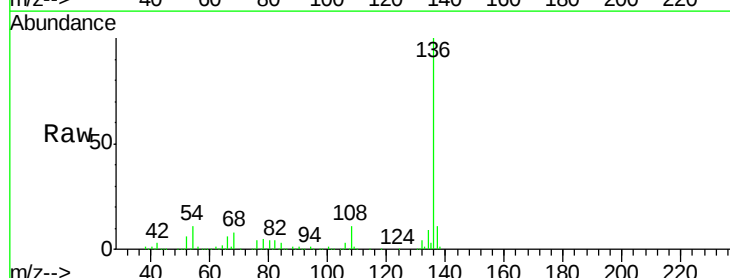
Delta R.T. -0.05 min

Lab File: BF083530.D

Acq: 6 Dec 2015 19:24

Tgt Ion: 136 Resp: 761235

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	11.1	7.8	11.6
68	8.0	5.7	8.5



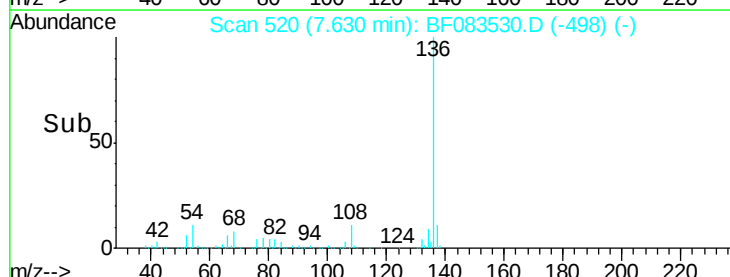
Abundance

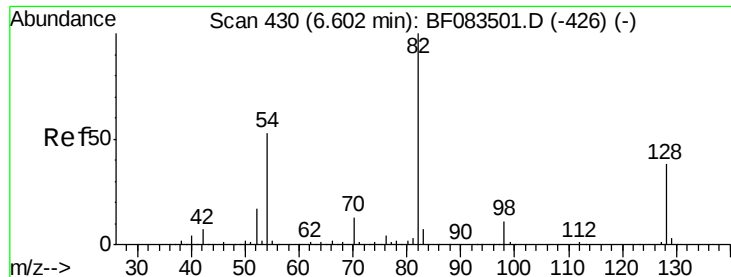
Ion 136.00 (135.70 to 136.70): E

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

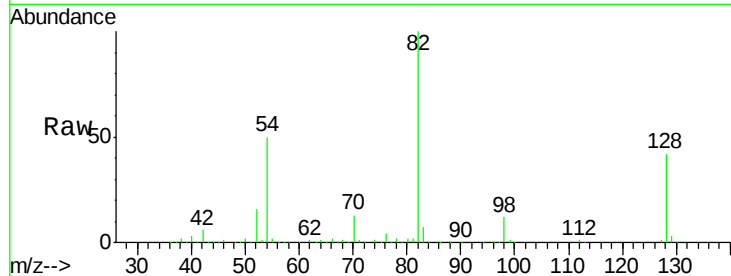




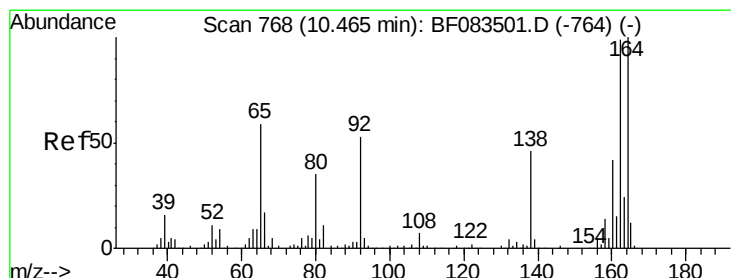
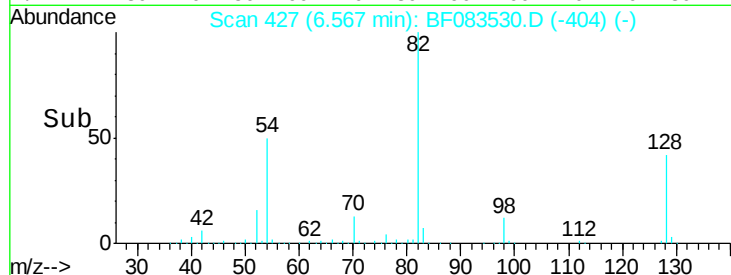
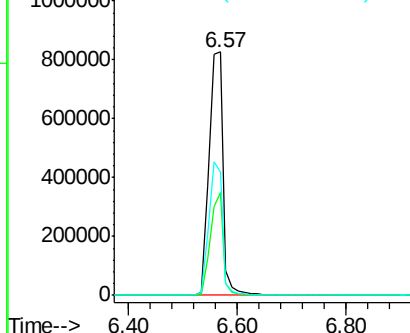
#23
Nitrobenzene-d5
Concen: 92.28 ng
RT: 6.57 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF083530.D
Acq: 6 Dec 2015 19:24

Instrument :
BNA_F
ClientSampleId :
S7-14.5

Tot Ion: 82 Resp: 1502751
Ion Ratio Lower Upper
82 100
128 42.3 30.7 46.1
54 50.5 42.5 63.7

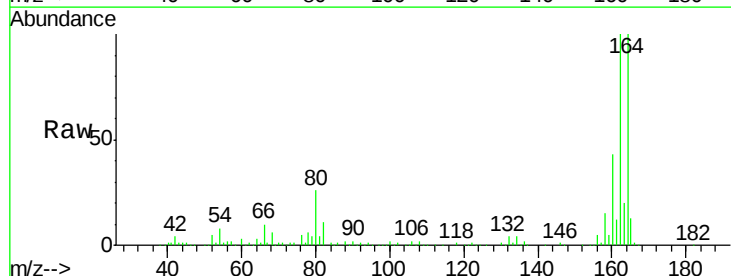


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

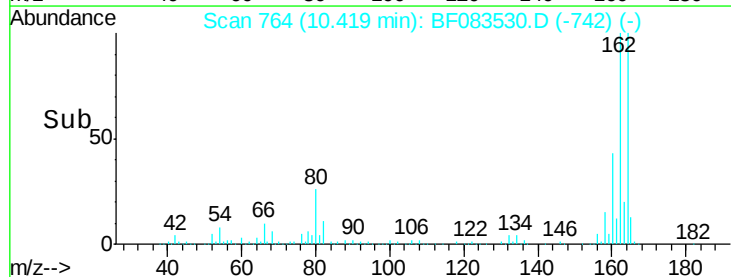
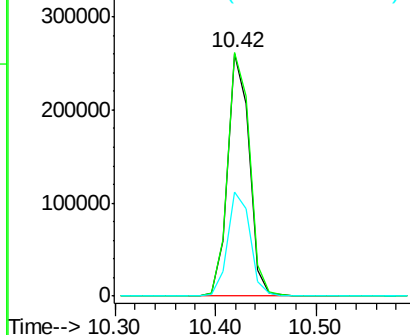


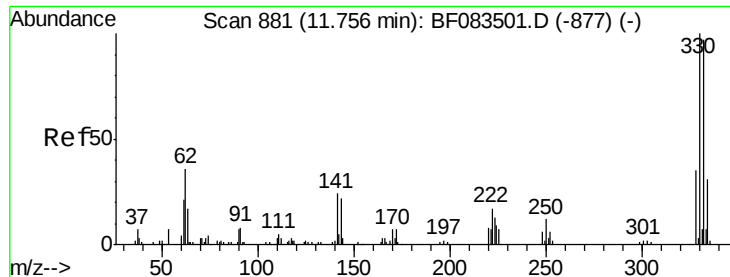
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.42 min Scan# 764
Delta R.T. -0.05 min
Lab File: BF083530.D
Acq: 6 Dec 2015 19:24

Tgt Ion:164 Resp: 387149
Ion Ratio Lower Upper
164 100
162 100.4 78.8 118.2
160 42.7 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

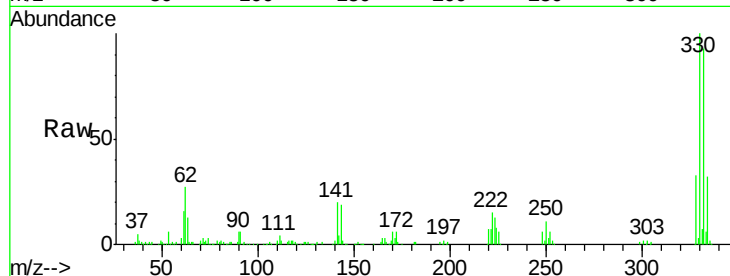




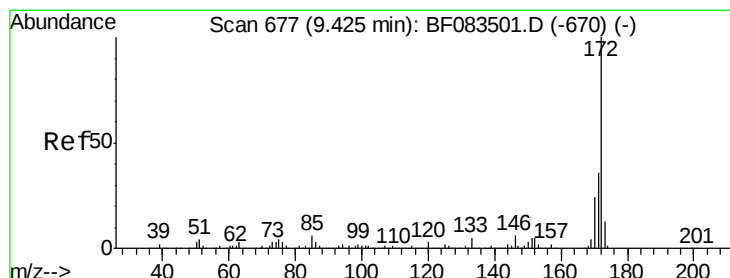
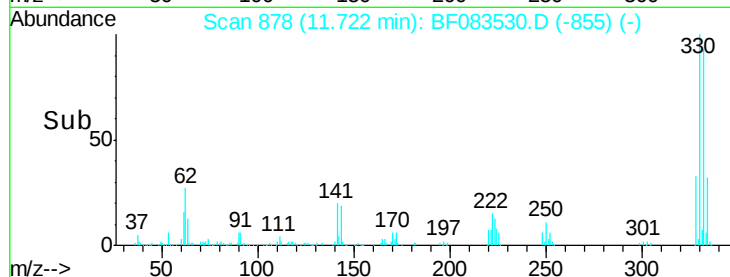
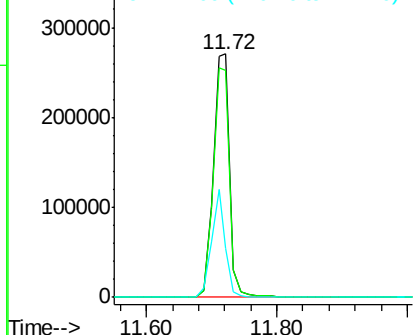
#41
 2,4,6-Tribromophenol
 Concen: 134.25 ng
 RT: 11.72 min Scan# 878
 Delta R.T. -0.03 min
 Lab File: BF083530.D
 Acq: 6 Dec 2015 19:24

Instrument :
 BNA_F
 ClientSampleId :
 S7-14.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	0.0	0.0#
141	36.9	0.0	0.0#

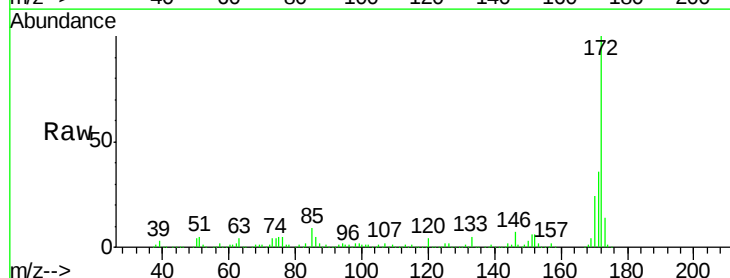


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

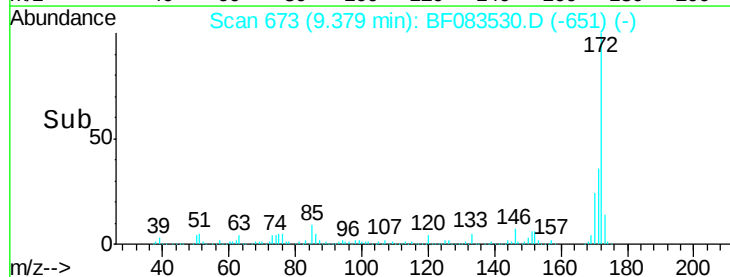
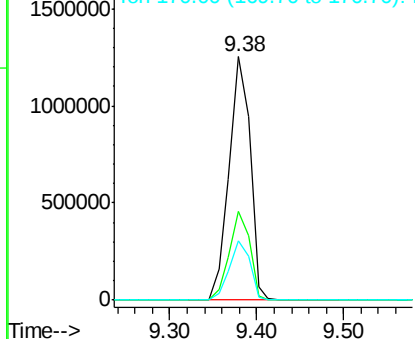


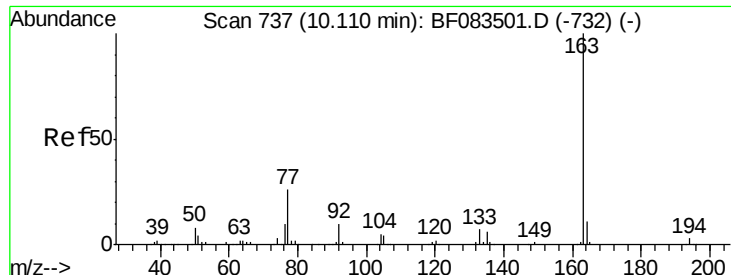
#44
 2-Fluorobiphenyl
 Concen: 73.85 ng
 RT: 9.38 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF083530.D
 Acq: 6 Dec 2015 19:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	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

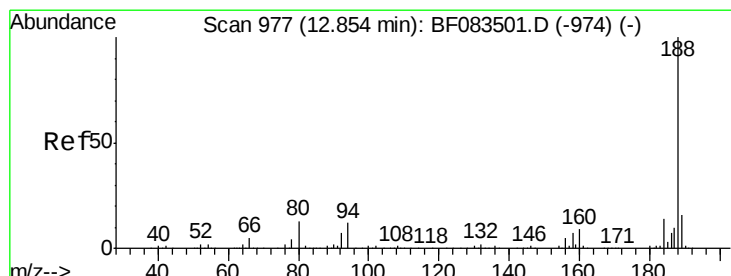
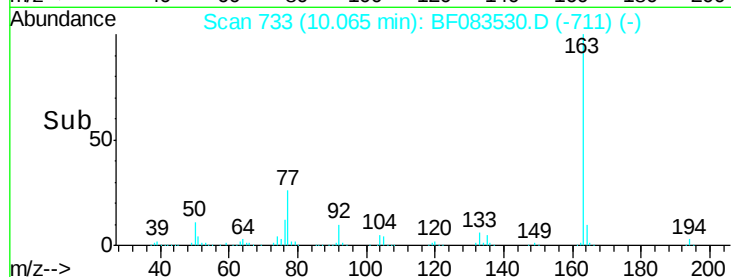
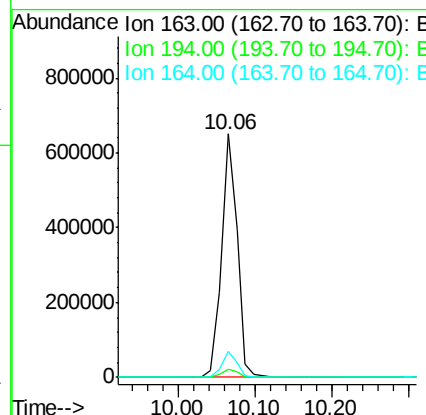
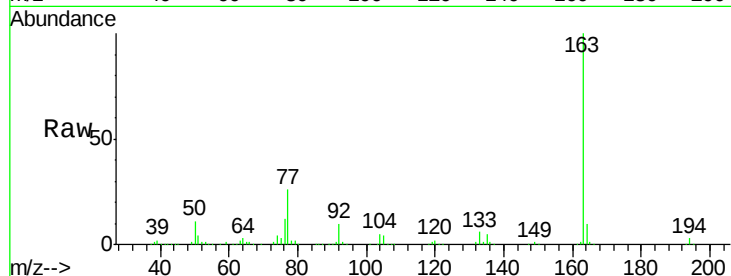




#49
Dimethylphthalate
Concen: 30.22 ng
RT: 10.06 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF083530.D
Acq: 6 Dec 2015 19:24

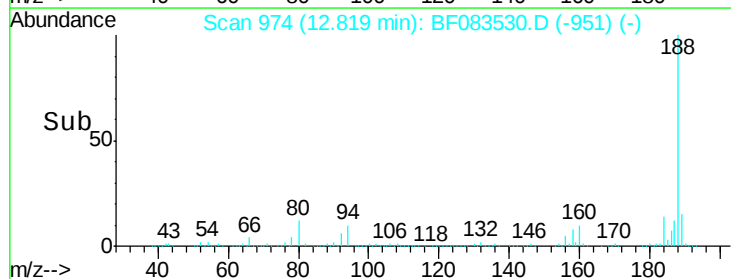
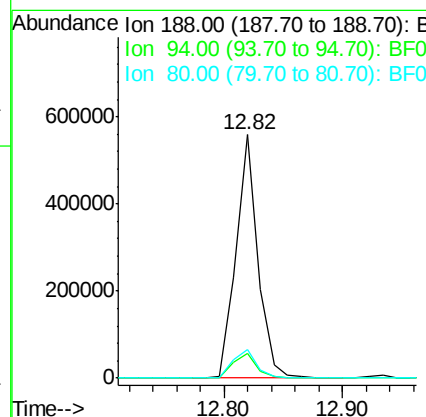
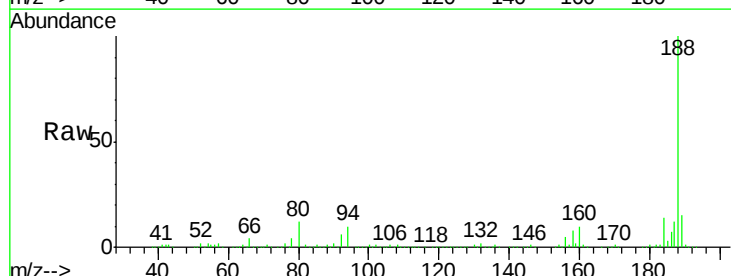
Instrument :
BNA_F
ClientSampleId :
S7-14.5

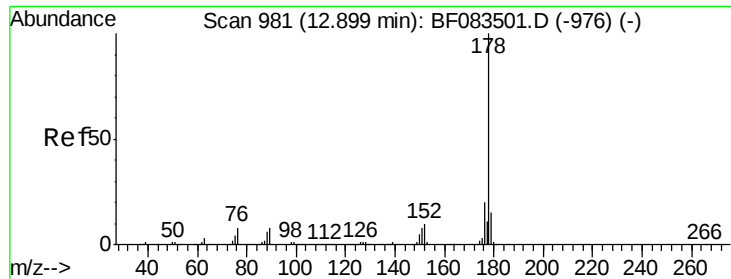
Tot Ion:163 Resp: 920889
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.5 8.6 13.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 974
Delta R.T. -0.03 min
Lab File: BF083530.D
Acq: 6 Dec 2015 19:24

Tgt Ion:188 Resp: 715029
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.7 10.6 16.0





#70

Phenanthrene

Concen: 2.69 ng

RT: 12.87 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF083530.D

Acq: 6 Dec 2015 19:24

Instrument :

BNA_F

ClientSampleId :

S7-14.5

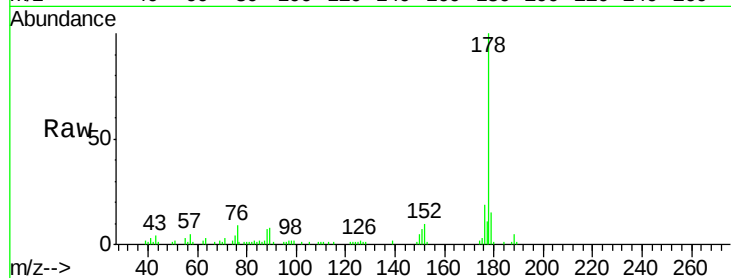
Tot Ion:178 Resp: 111778

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

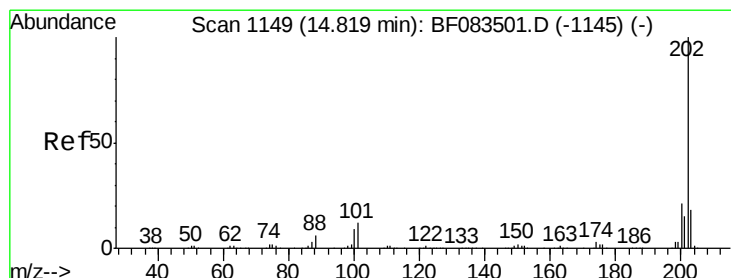
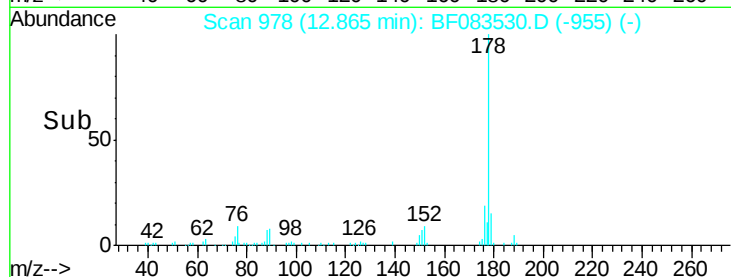
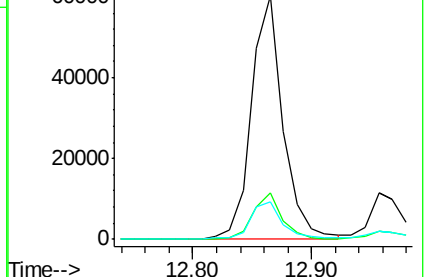
179 15.3 12.2 18.4



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



#74

Fluoranthene

Concen: 2.61 ng

RT: 14.79 min Scan# 1146

Delta R.T. -0.03 min

Lab File: BF083530.D

Acq: 6 Dec 2015 19:24

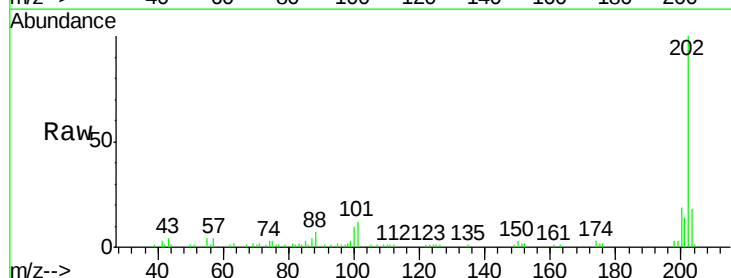
Tgt Ion:202 Resp: 107487

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.5

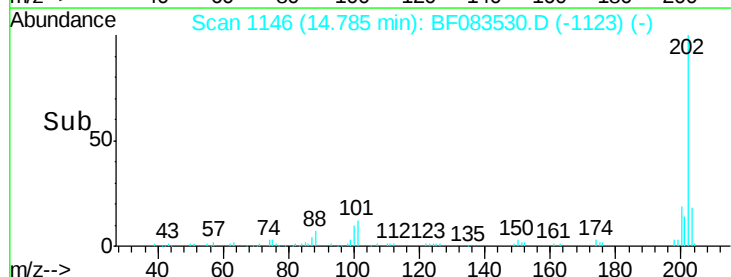
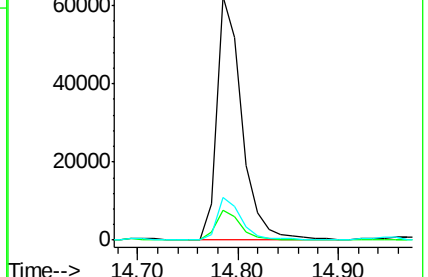
203 17.6 0.0 37.6

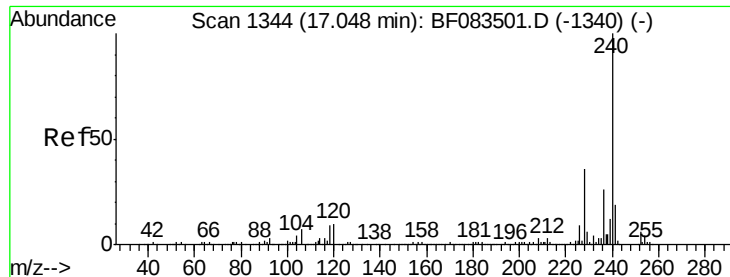


Abundance Ion 202.00 (201.70 to 202.70): E

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: 17.01 min Scan# 1341

Delta R.T. -0.03 min

Lab File: BF083530.D

Acq: 6 Dec 2015 19:24

Instrument :

BNA_F

ClientSampleId :

S7-14.5

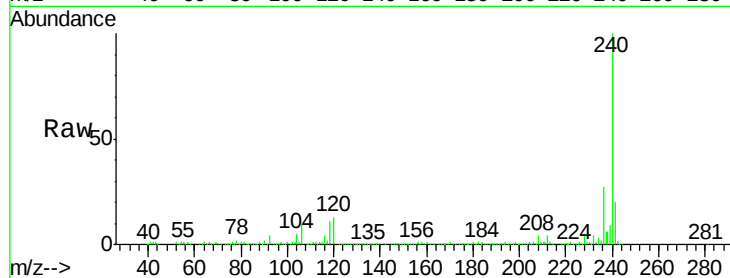
Tot Ion:240 Resp: 632992

Ion Ratio Lower Upper

240 100

120 13.2 8.1 12.1#

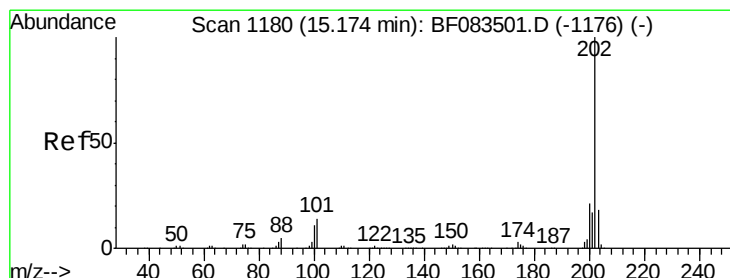
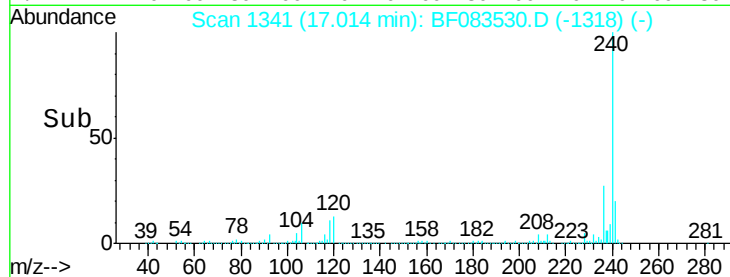
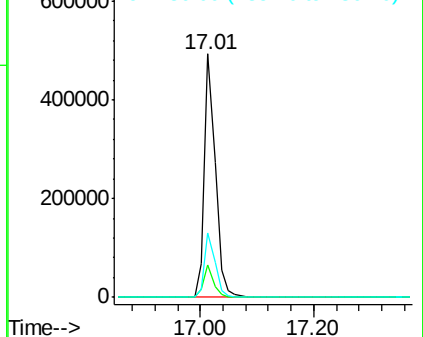
236 26.7 20.8 31.2



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



#77

Pyrene

Concen: 2.04 ng

RT: 15.14 min Scan# 1177

Delta R.T. -0.03 min

Lab File: BF083530.D

Acq: 6 Dec 2015 19:24

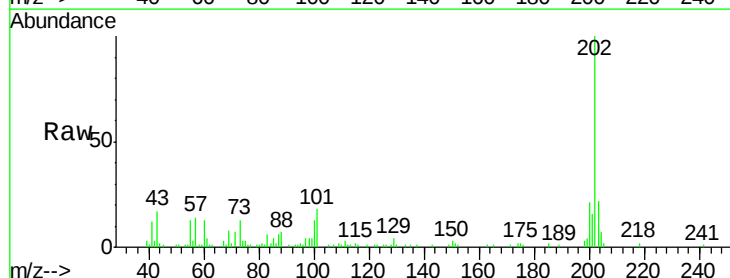
Tgt Ion:202 Resp: 96550

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

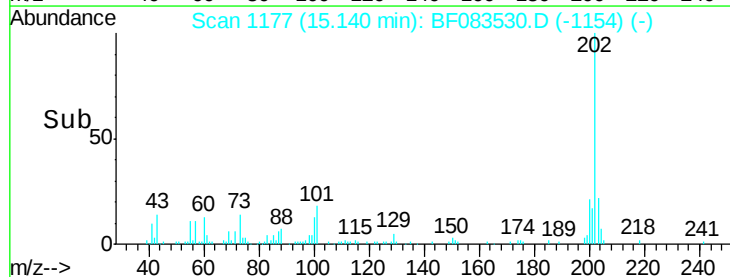
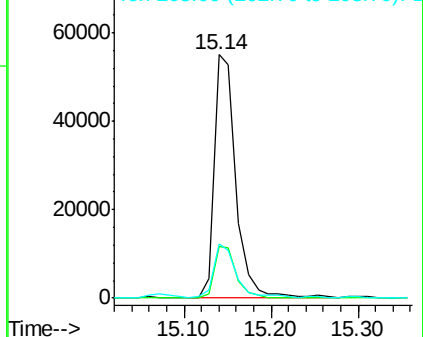
203 22.0 14.3 21.5#

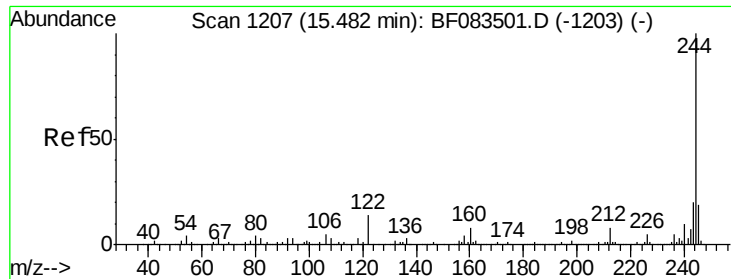


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

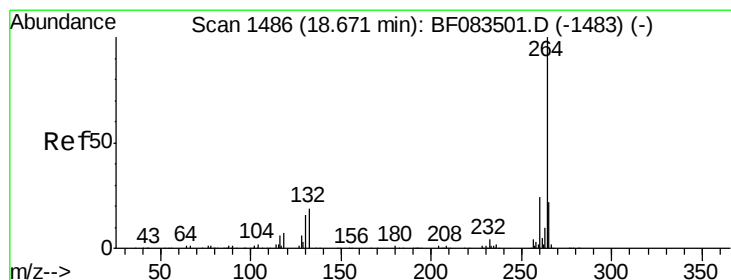
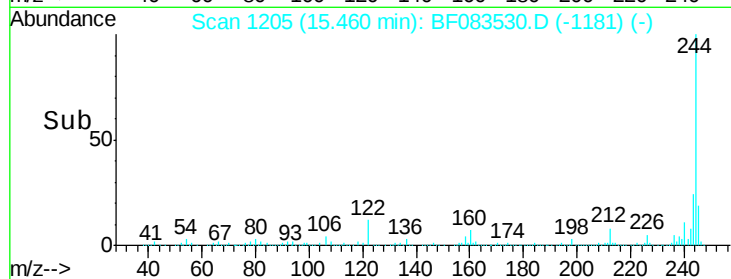
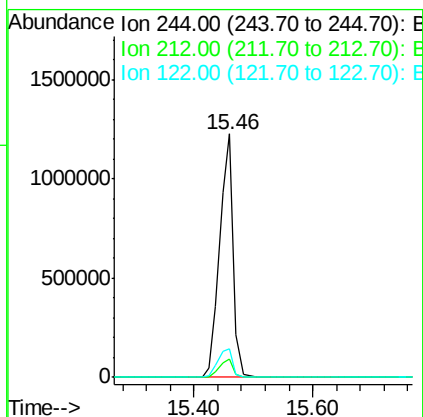
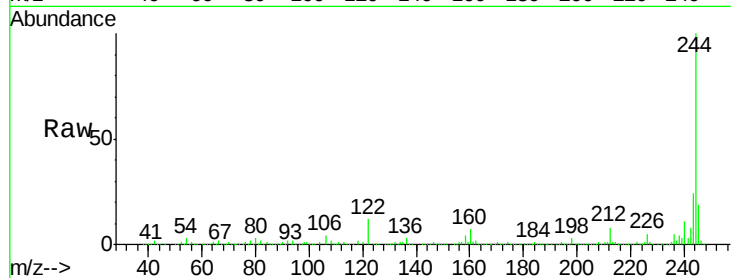




#78
 Terphenyl-d14
 Concen: 67.68 ng
 RT: 15.46 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF083530.D
 Acq: 6 Dec 2015 19:24

Instrument :
 BNA_F
 ClientSampleId :
 S7-14.5

Tot Ion:244 Resp: 1925330
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 11.5 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.65 min Scan# 1484
 Delta R.T. -0.02 min
 Lab File: BF083530.D
 Acq: 6 Dec 2015 19:24

Tgt Ion:264 Resp: 501718
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.0
 265 21.2 17.8 26.6

