

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
 Data File : BF083529.D
 Acq On : 6 Dec 2015 14:23
 Operator : UM/IZ
 Sample : G4614-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S5-14.5

Quant Time: Dec 07 06:04:39 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

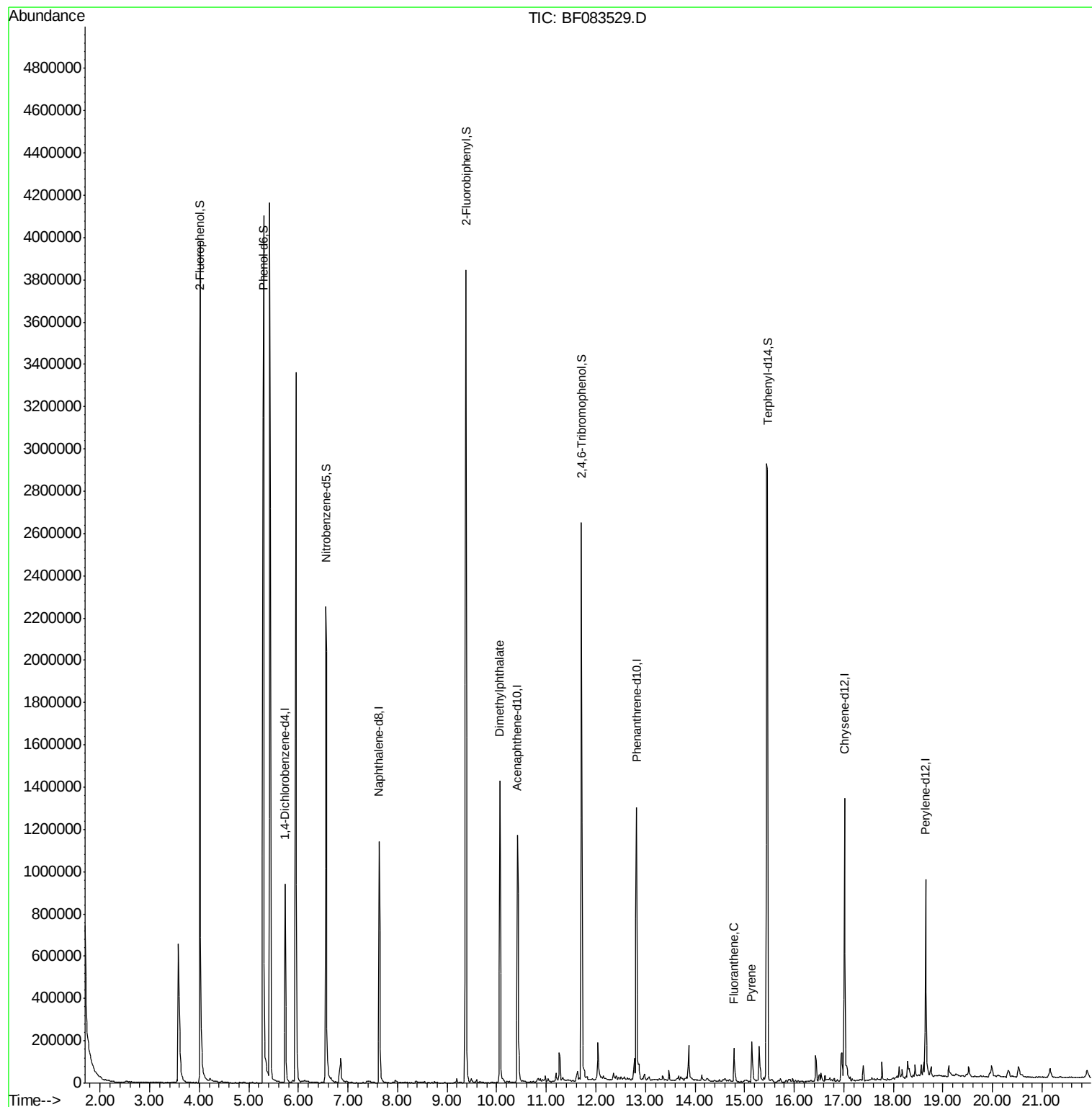
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	189267	20.00	ng	-0.03
21) Naphthalene-d8	7.63	136	746246	20.00	ng	-0.05
38) Acenaphthene-d10	10.42	164	370922	20.00	ng	-0.05
63) Phenanthrene-d10	12.82	188	691360	20.00	ng	-0.03
75) Chrysene-d12	17.01	240	590921	20.00	ng	-0.03
86) Perylene-d12	18.65	264	452031	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.02	112	1605709	128.71	ng	-0.01
7) Phenol-d6	5.30	99	2242138	130.44	ng	-0.02
23) Nitrobenzene-d5	6.56	82	1429064	89.52	ng	-0.05
41) 2,4,6-Tribromophenol	11.71	330	432976	126.54	ng	-0.05
44) 2-Fluorobiphenyl	9.38	172	1846720	67.53	ng	-0.05
78) Terphenyl-d14	15.46	244	1654696	62.31	ng	-0.02
Target Compounds						
49) Dimethylphthalate	10.06	163	790141	27.06	ng	98
74) Fluoranthene	14.79	202	109432	2.74	ng	98
77) Pyrene	15.14	202	101296	2.29	ng	96

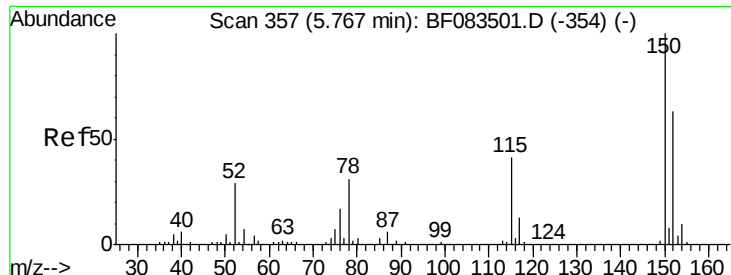
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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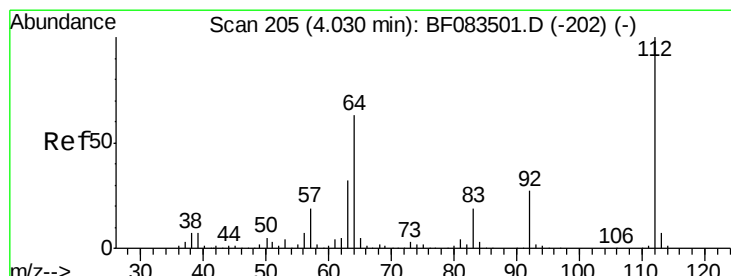
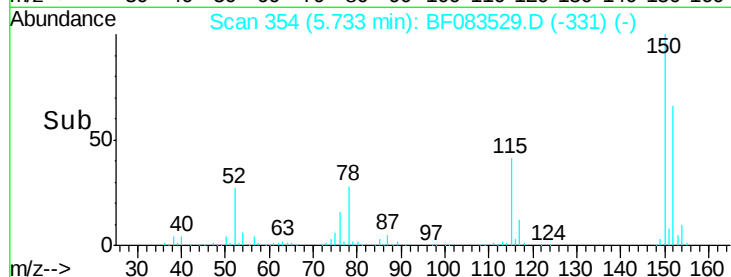
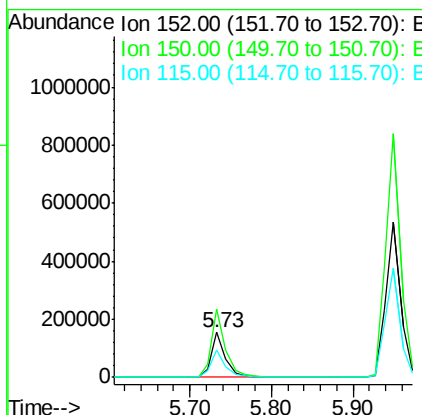
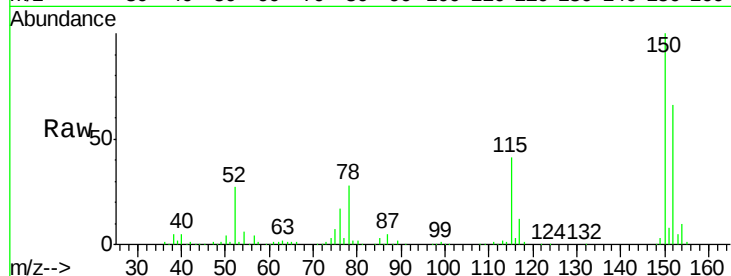


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.73 min Scan# 354
Delta R.T. -0.03 min
Lab File: BF083529.D
Acq: 6 Dec 2015 14:23

Instrument :
BNA_F
ClientSampled :
S5-14.5

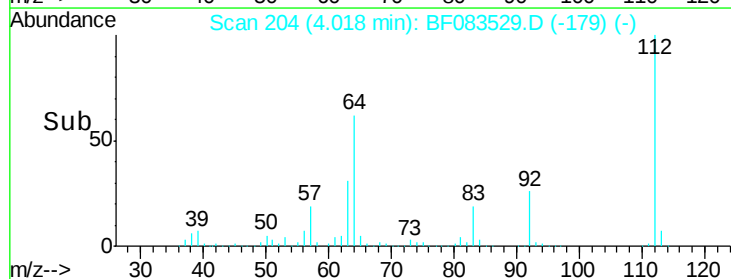
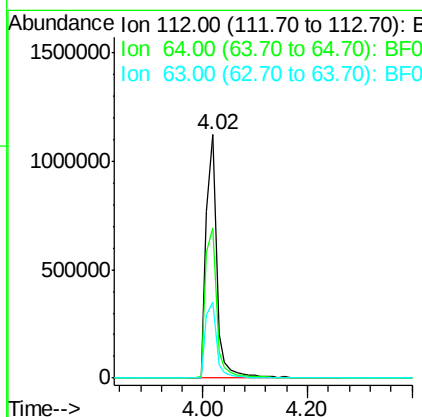
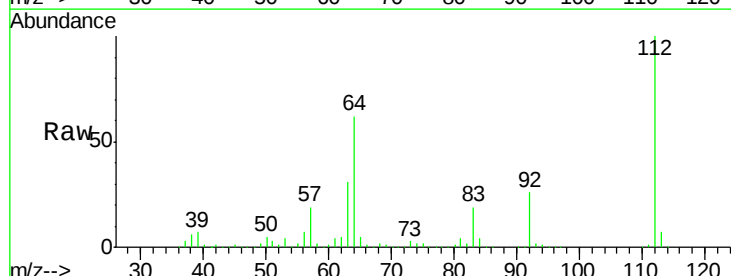
Tot Ion:152 Resp: 189267
Ion Ratio Lower Upper
152 100
150 151.0 126.5 189.7
115 61.9 52.3 78.5



#5

2-Fluorophenol
Concen: 128.71 ng
RT: 4.02 min Scan# 204
Delta R.T. -0.01 min
Lab File: BF083529.D
Acq: 6 Dec 2015 14:23

Tgt Ion:112 Resp: 1605709
Ion Ratio Lower Upper
112 100
64 61.7 50.5 75.7
63 31.2 25.8 38.6





#7

Phenol-d6

Concen: 130.44 ng

RT: 5.30 min Scan# 316

Delta R.T. -0.02 min

Lab File: BF083529.D

Acq: 6 Dec 2015 14:23

Instrument :

BNA_F

ClientSampleId :

S5-14.5

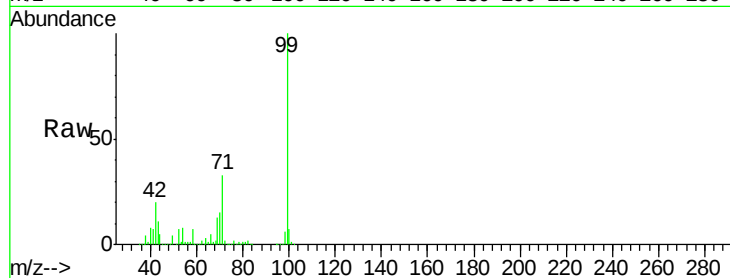
Tot Ion: 99 Resp: 2242138

Ion Ratio Lower Upper

99 100

42 20.0 17.3 25.9

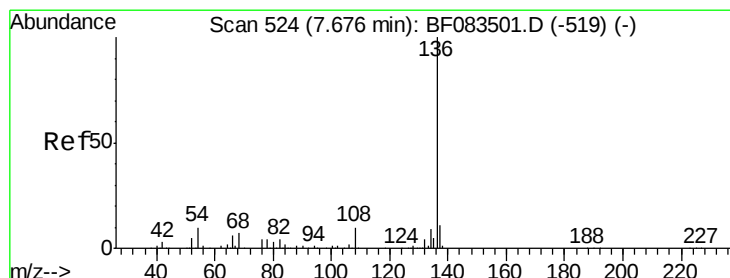
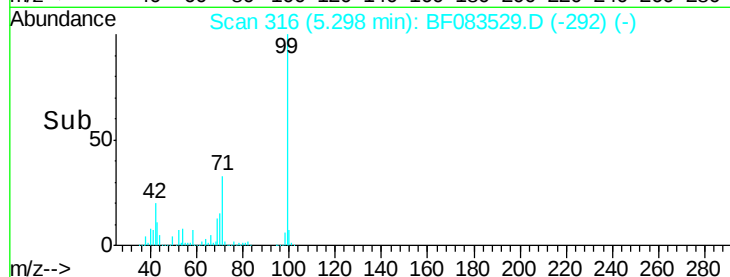
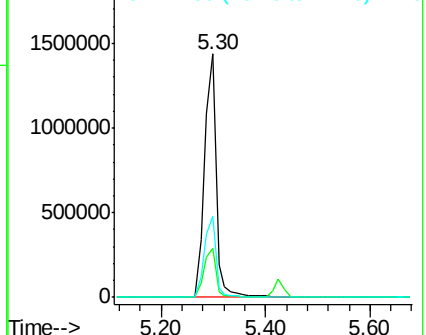
71 33.3 26.6 40.0



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: BF083529.D

Acq: 6 Dec 2015 14:23

Tgt Ion: 136 Resp: 746246

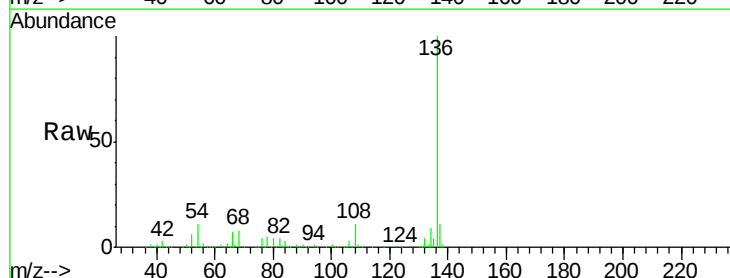
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.2 7.8 11.6

68 8.0 5.7 8.5

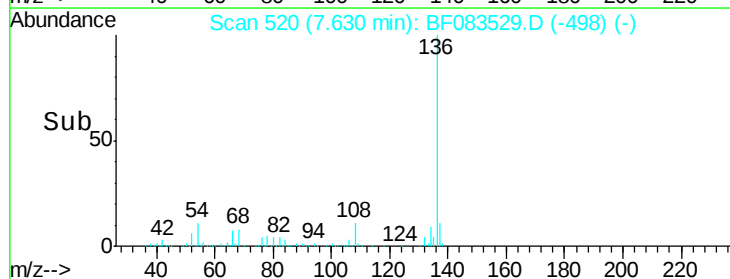
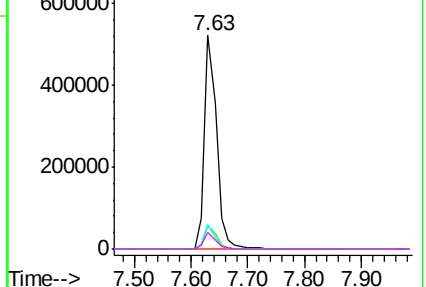


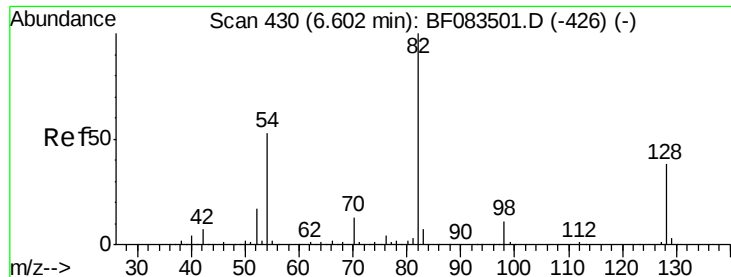
Abundance Ion 136.00 (135.70 to 136.70): E

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

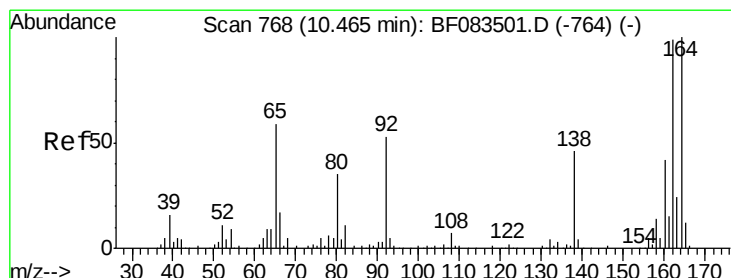
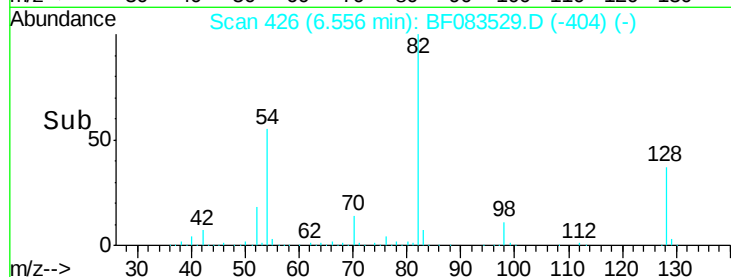
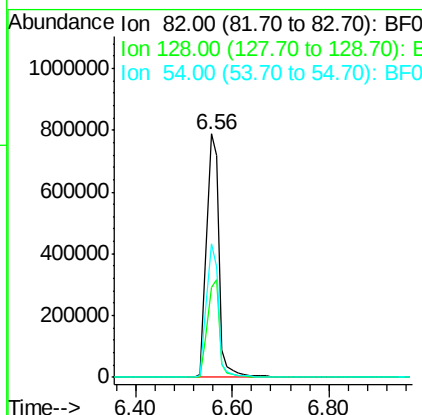
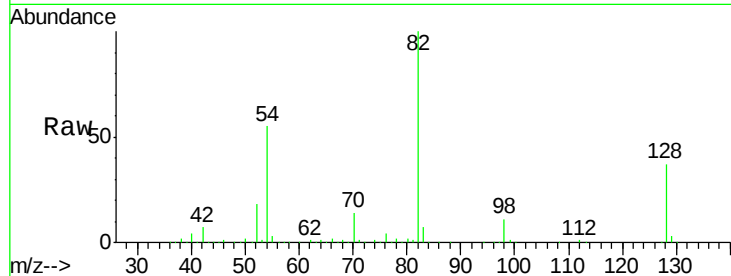




#23
 Nitrobenzene-d5
 Concen: 89.52 ng
 RT: 6.56 min Scan# 426
 Delta R.T. -0.05 min
 Lab File: BF083529.D
 Acq: 6 Dec 2015 14:23

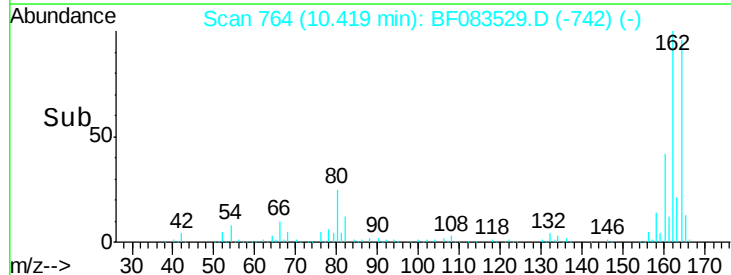
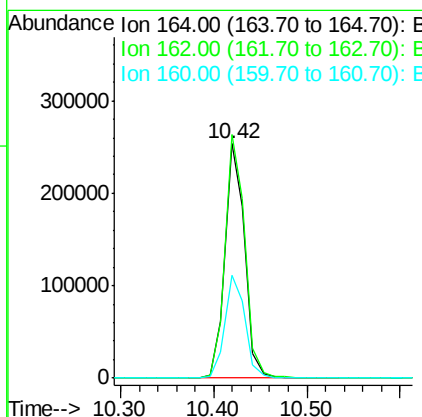
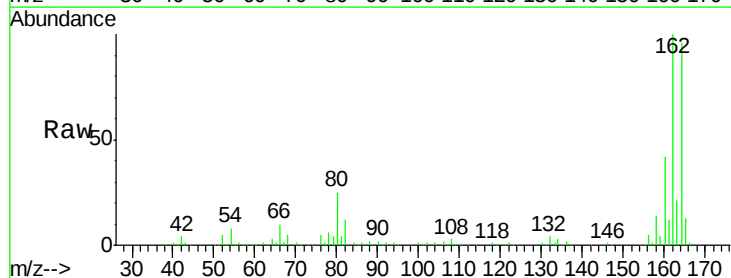
Instrument :
 BNA_F
 ClientSampleId :
 S5-14.5

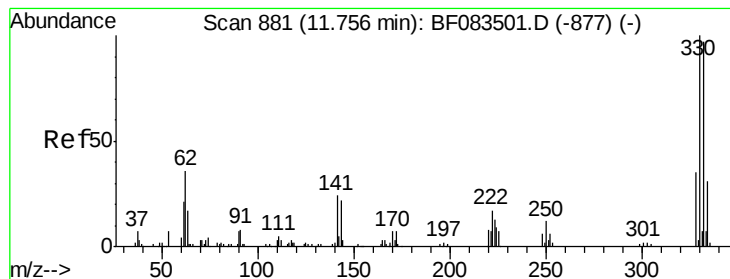
Tot Ion: 82 Resp: 1429064
 Ion Ratio Lower Upper
 82 100
 128 36.8 30.7 46.1
 54 54.8 42.5 63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.42 min Scan# 764
 Delta R.T. -0.05 min
 Lab File: BF083529.D
 Acq: 6 Dec 2015 14:23

Tgt Ion: 164 Resp: 370922
 Ion Ratio Lower Upper
 164 100
 162 104.0 78.8 118.2
 160 43.7 33.4 50.2

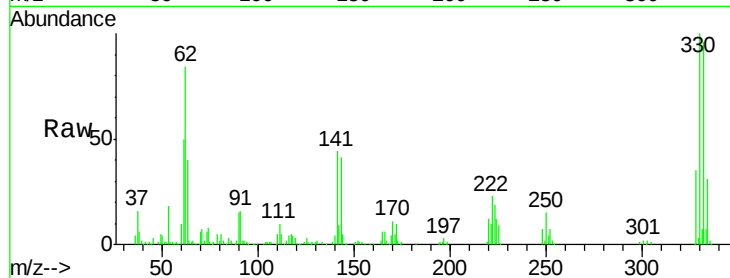




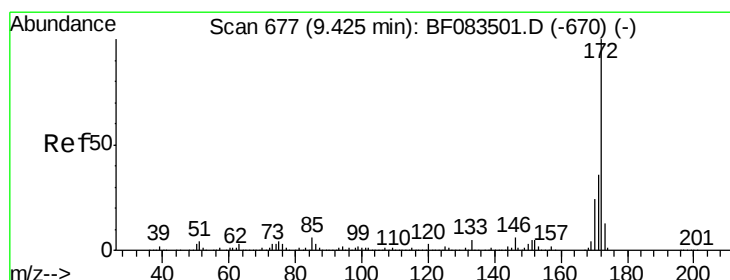
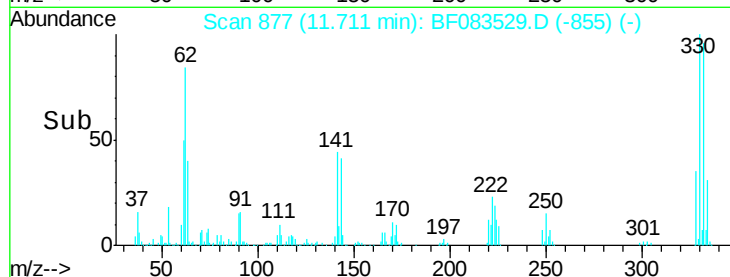
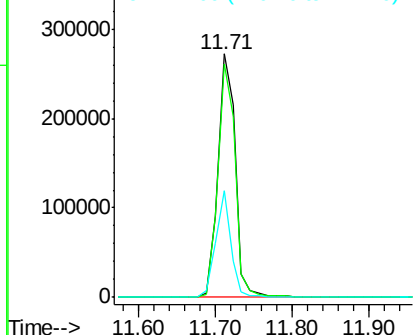
#41
 2,4,6-Tribromophenol
 Concen: 126.54 ng
 RT: 11.71 min Scan# 877
 Delta R.T. -0.05 min
 Lab File: BF083529.D
 Acq: 6 Dec 2015 14:23

Instrument :
 BNA_F
 ClientSampleId :
 S5-14.5

Tot Ion:330 Resp: 432976
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 38.3 0.0 0.0#

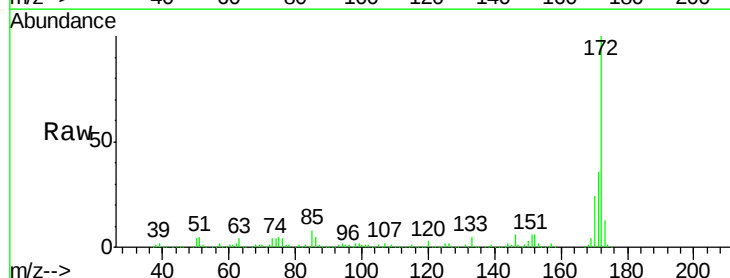


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

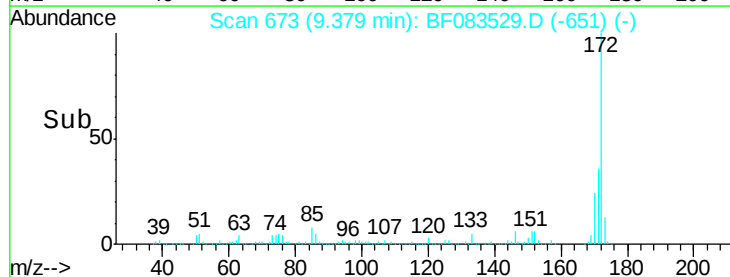
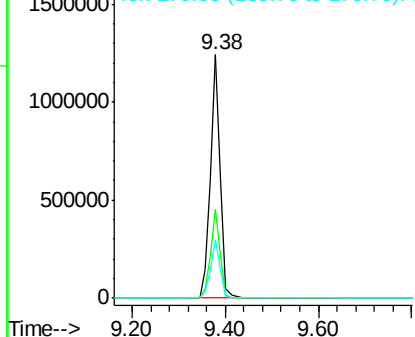


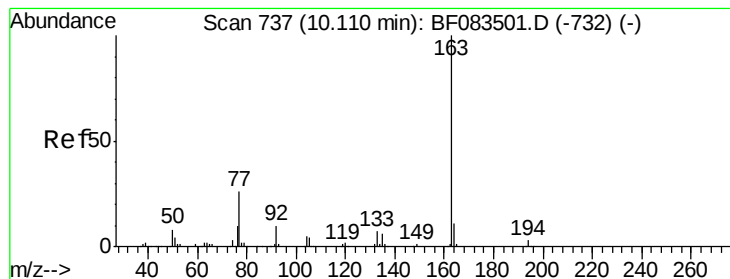
#44
 2-Fluorobiphenyl
 Concen: 67.53 ng
 RT: 9.38 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF083529.D
 Acq: 6 Dec 2015 14:23

Tgt Ion:172 Resp: 1846720
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 42.8
 170 24.1 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: 27.06 ng

RT: 10.06 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF083529.D

Acq: 6 Dec 2015 14:23

Instrument :

BNA_F

ClientSampleId :

S5-14.5

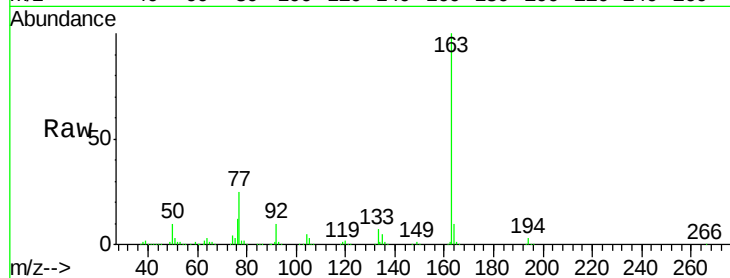
Tot Ion:163 Resp: 790141

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

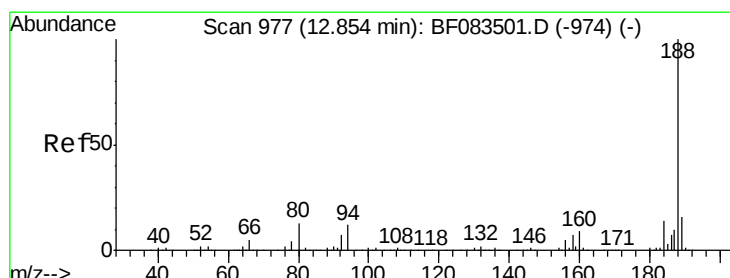
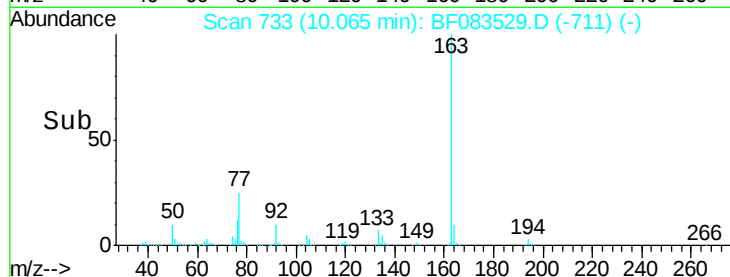
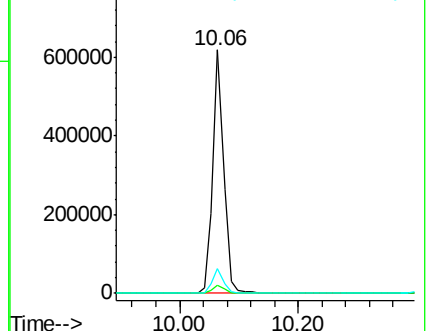
164 10.1 8.6 13.0



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: 12.82 min Scan# 974

Delta R.T. -0.03 min

Lab File: BF083529.D

Acq: 6 Dec 2015 14:23

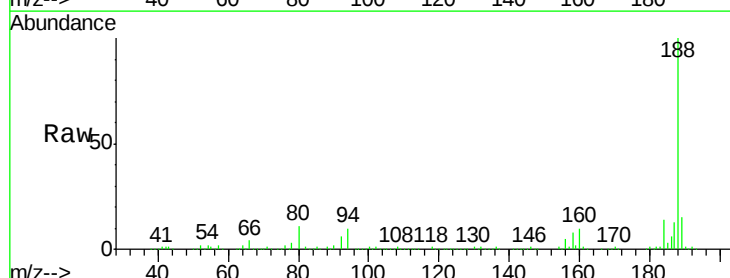
Tgt Ion:188 Resp: 691360

Ion Ratio Lower Upper

188 100

94 9.9 9.4 14.2

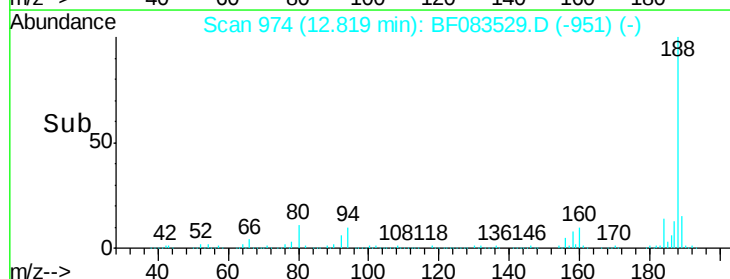
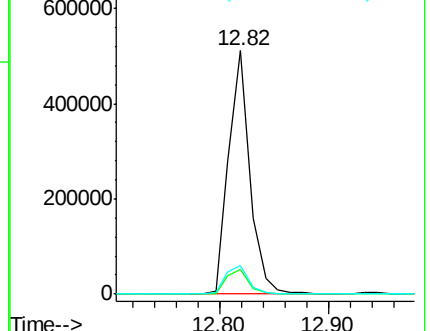
80 11.5 10.6 16.0

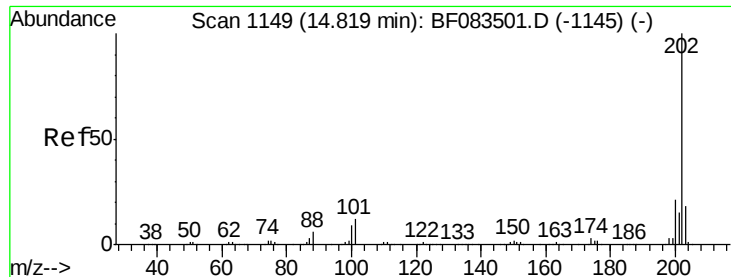


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

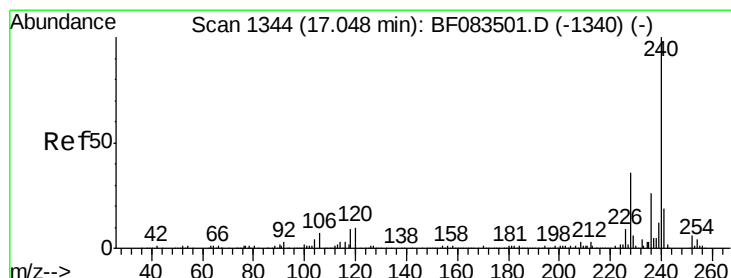
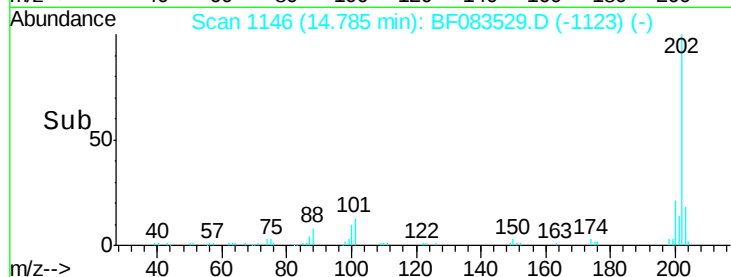
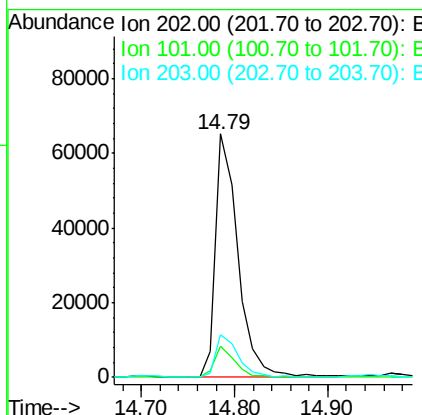
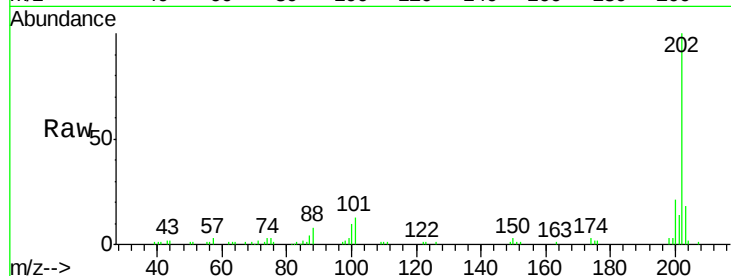




#74
 Fluoranthene
 Concen: 2.74 ng
 RT: 14.79 min Scan# 1146
 Delta R.T. -0.03 min
 Lab File: BF083529.D
 Acq: 6 Dec 2015 14:23

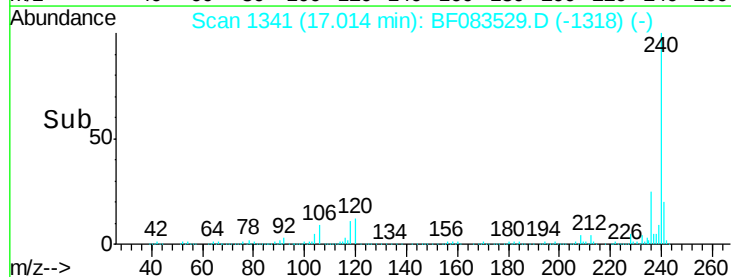
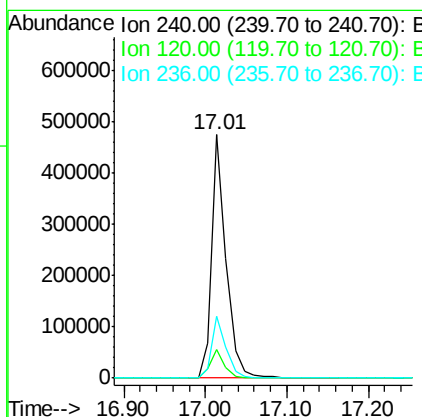
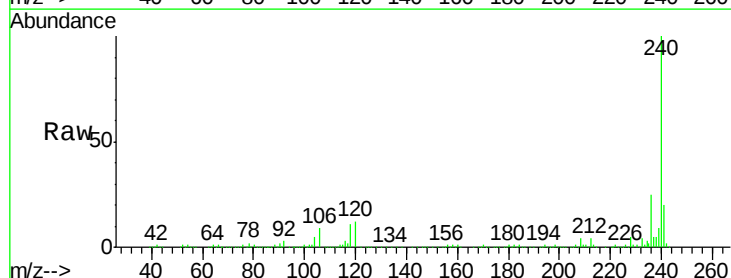
Instrument :
 BNA_F
 ClientSampleId :
 S5-14.5

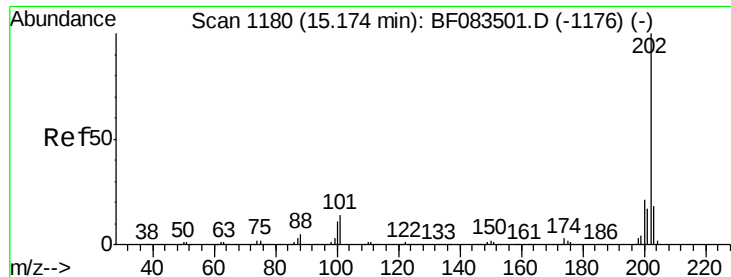
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.5
203	17.6	0.0	37.6



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.01 min Scan# 1341
 Delta R.T. -0.03 min
 Lab File: BF083529.D
 Acq: 6 Dec 2015 14:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.1	12.1
236	25.2	20.8	31.2

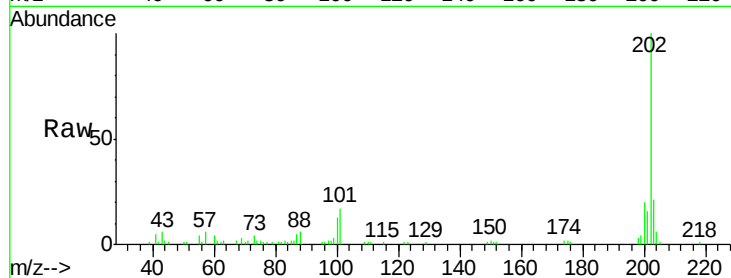




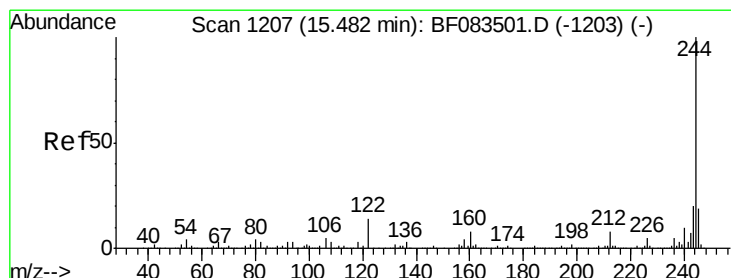
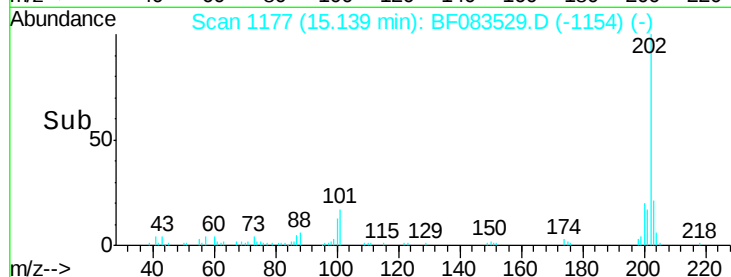
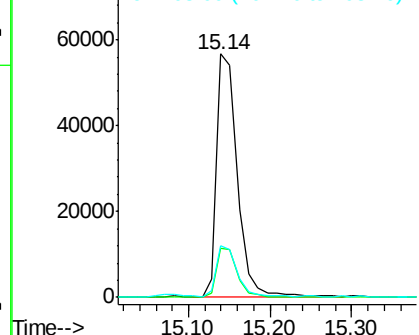
#77
Pvrene
Concen: 2.29 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.03 min
Lab File: BF083529.D
Acq: 6 Dec 2015 14:23

Instrument :
BNA_F
ClientSampleId :
S5-14.5

Tot Ion:202 Resp: 101296
Ion Ratio Lower Upper
202 100
200 20.2 16.7 25.1
203 21.1 14.3 21.5

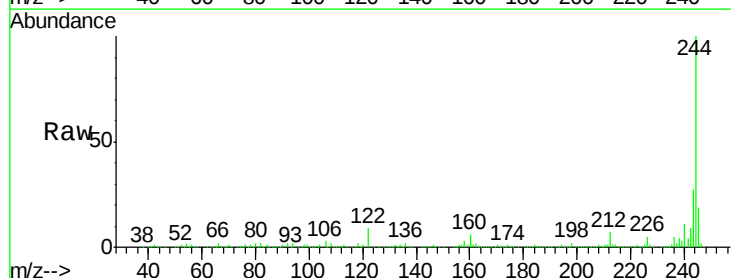


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

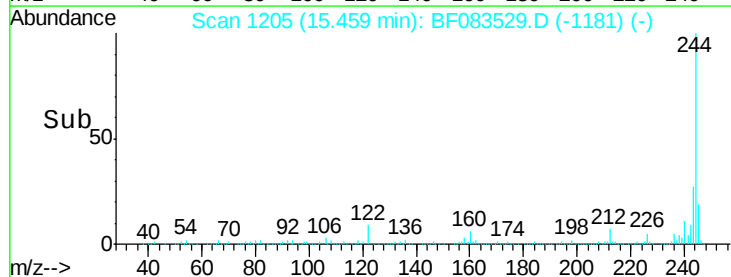
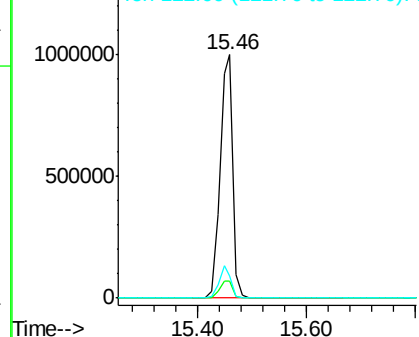


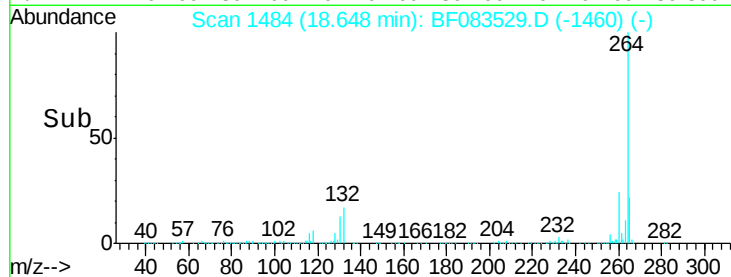
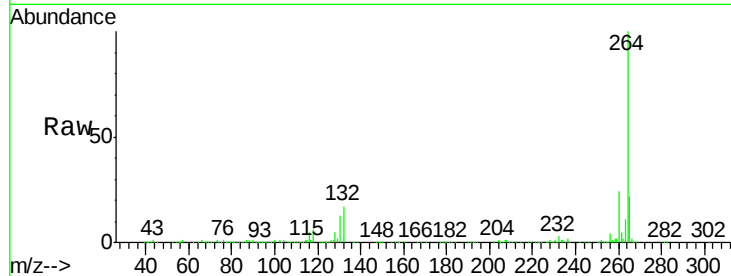
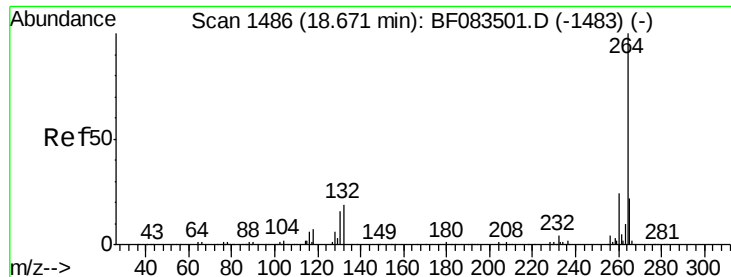
#78
Terphenyl-d14
Concen: 62.31 ng
RT: 15.46 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF083529.D
Acq: 6 Dec 2015 14:23

Tgt Ion:244 Resp: 1654696
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 9.1 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: 18.65 min Scan# 1484
 Delta R.T. -0.02 min
 Lab File: BF083529.D
 Acq: 6 Dec 2015 14:23

Instrument :
 BNA_F
 ClientSampleId :
 S5-14.5

Tot Ion:	264	Resp:	452031
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	22.1	17.8	26.6

