

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_G
 ClientSampleId :
 S5-14.5

Quant Time: Dec 07 05:03:07 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

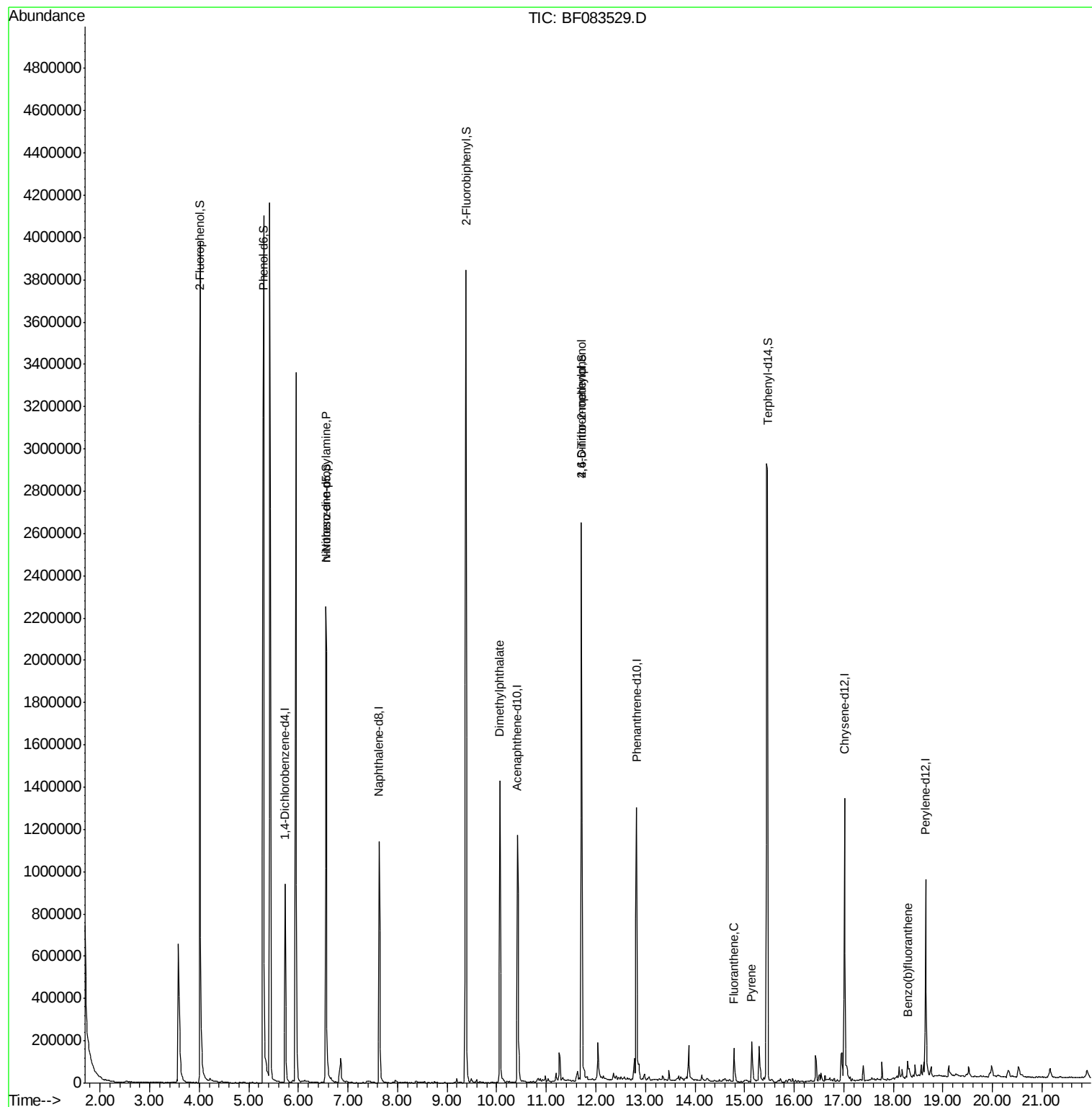
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	189267	20.00	ng	-0.03
21) Naphthalene-d8	7.63	136	746246	20.00	ng	-0.05
38) Acenaphthene-d10	10.42	164	370922	20.00	ng	-0.05
63) Phenanthrene-d10	12.82	188	691360	20.00	ng	-0.03
75) Chrysene-d12	17.01	240	590921	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						
19) n-Nitroso-di-n-propylamine	6.56	70	187627	16.36	ng	# 81
49) Dimethylphthalate	10.06	163	790141	27.06	ng	98
64) 4,6-Dinitro-2-methylphenol	11.71	198	1142	3.71	ng	# 1
74) Fluoranthene	14.79	202	109432	2.74	ng	98
77) Pyrene	15.14	202	101296	2.29	ng	96
87) Benzo(b)fluoranthene	18.29	252	74674	2.94	ng	99

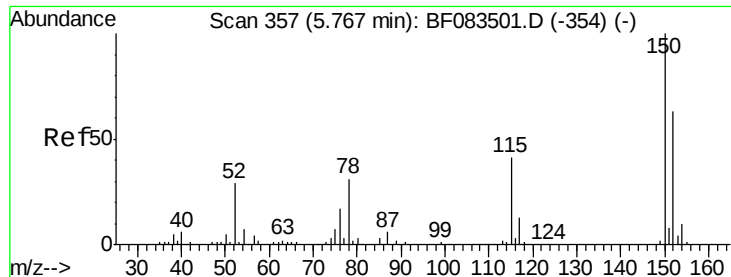
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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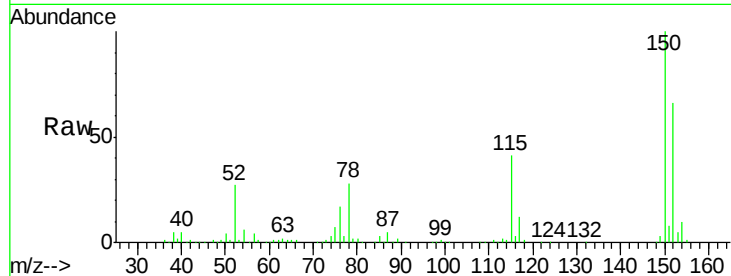


#1

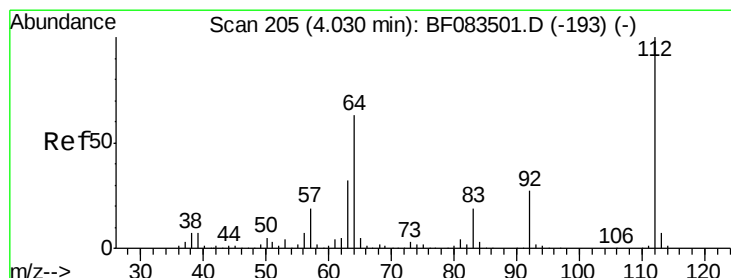
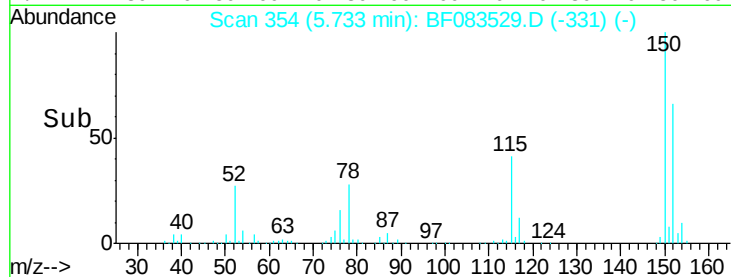
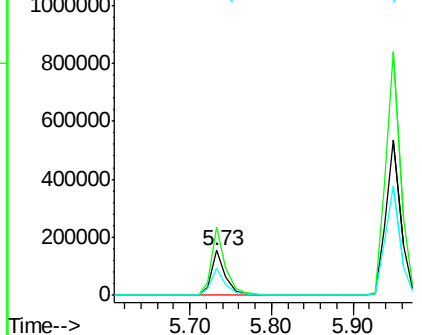
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.73 min Scan# 354
 Delta R.T. -0.03 min
 Lab File: BF083529.D
 Acq: 6 Dec 2015 14:23

Instrument :
 BNA_G
 ClientSampled :
 S5-14.5

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



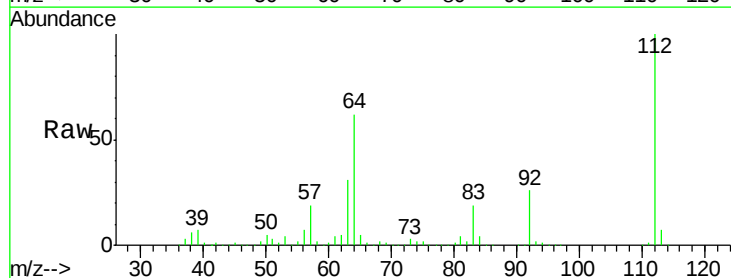
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



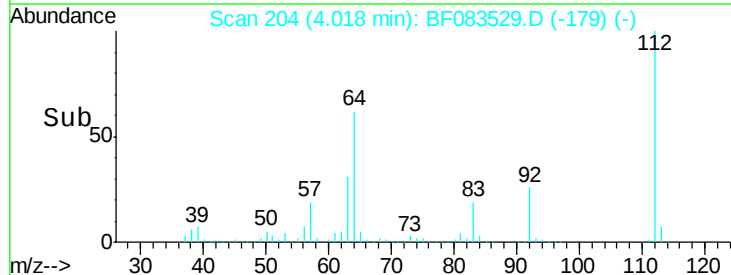
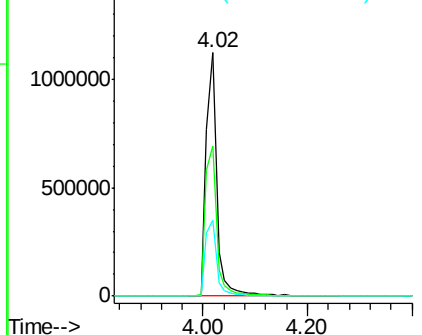
#5

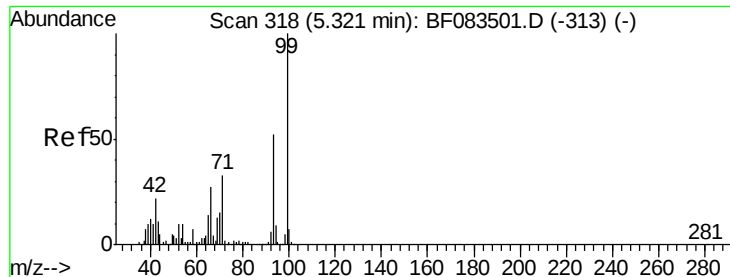
2-Fluorophenol
 Concen: 128.71 ng
 RT: 4.02 min Scan# 204
 Delta R.T. -0.01 min
 Lab File: BF083529.D
 Acq: 6 Dec 2015 14:23

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



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: 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_G

ClientSampleId :

S5-14.5

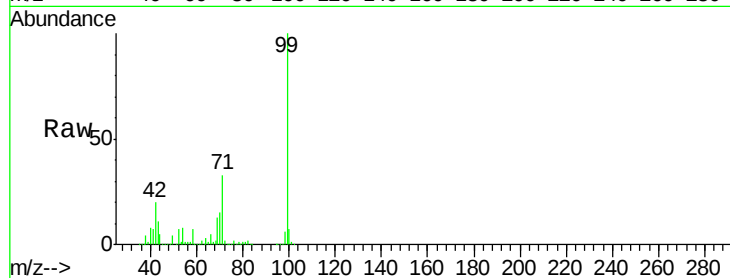
Tgt Ion: 99 Resp: 2242138

Ion Ratio Lower Upper

99 100

42 20.0 17.3 25.9

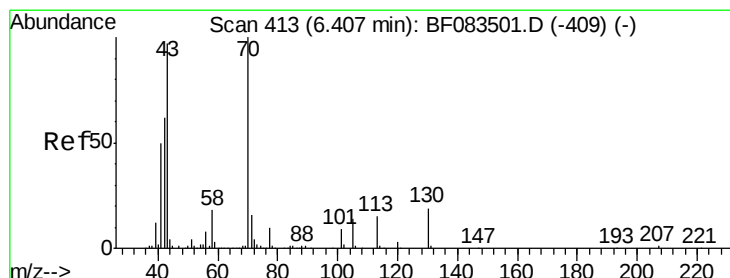
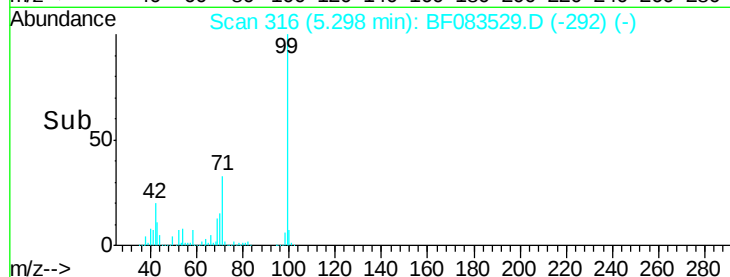
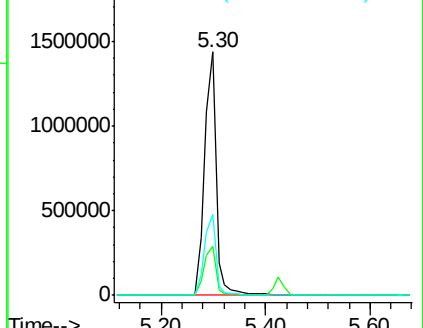
71 33.3 26.6 40.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.36 ng

RT: 6.56 min Scan# 426

Delta R.T. 0.15 min

Lab File: BF083529.D

Acq: 6 Dec 2015 14:23

Tgt Ion: 70 Resp: 187627

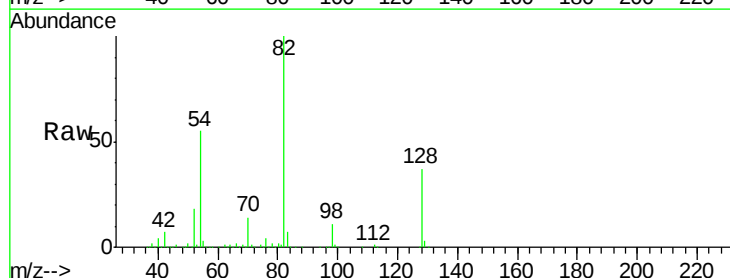
Ion Ratio Lower Upper

70 100

42 52.2 49.2 73.8

101 0.0 7.1 10.7#

130 1.5 15.4 23.0#

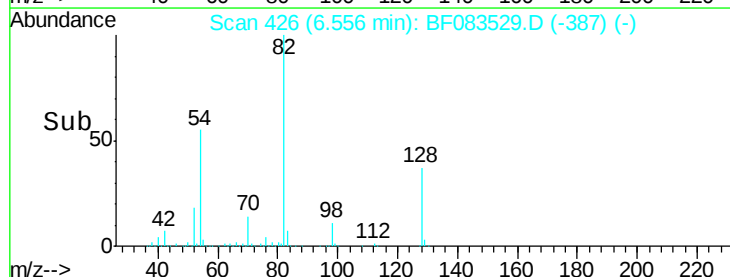
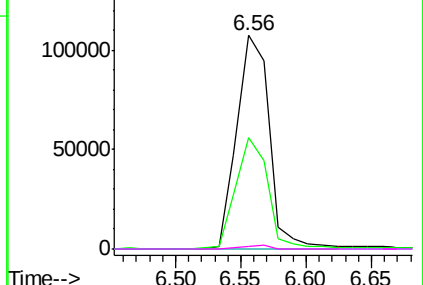


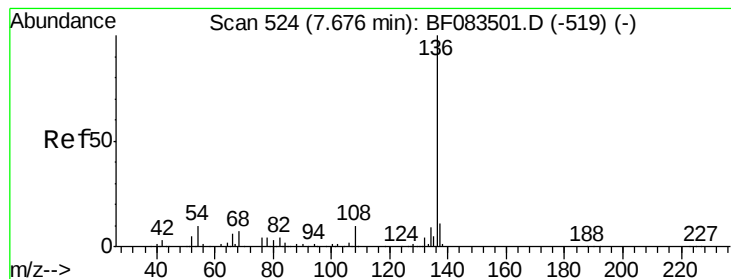
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): 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

Instrument :

BNA_G

ClientSampleId :

S5-14.5

Tgt Ion:136 Resp: 746246

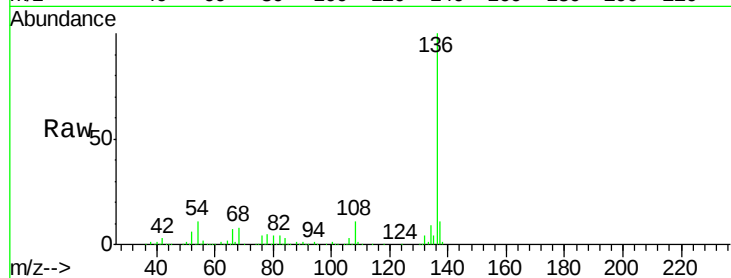
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.2 7.8 11.6

68 8.0 5.7 8.5

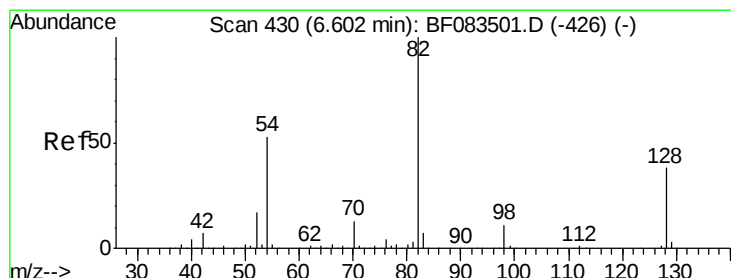
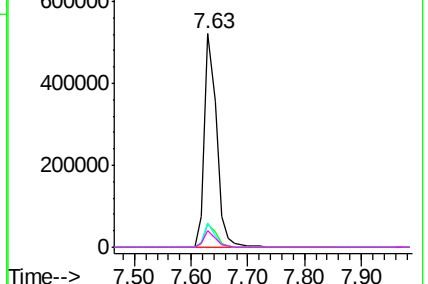
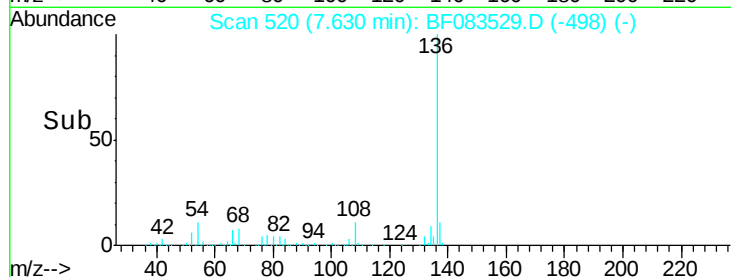


Abundance Ion 136.00 (135.70 to 136.70): E

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

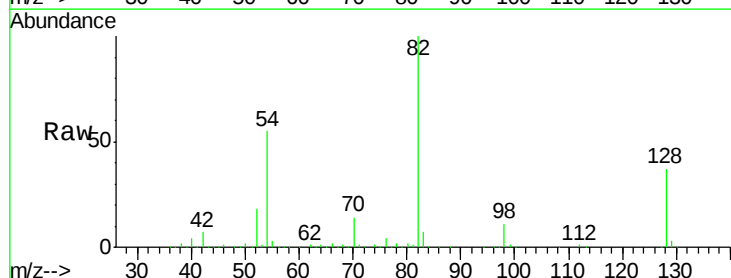
Tgt Ion: 82 Resp: 1429064

Ion Ratio Lower Upper

82 100

128 36.8 30.7 46.1

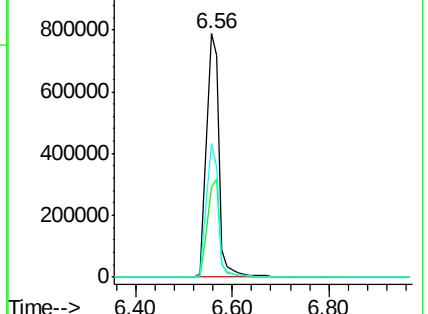
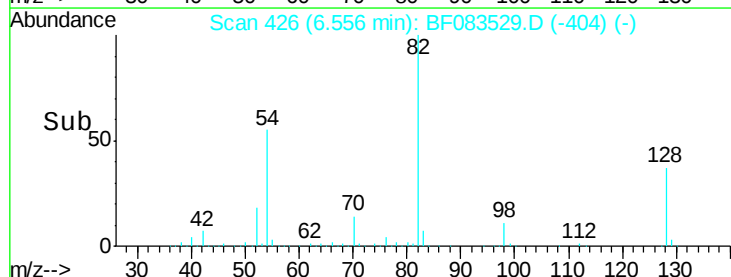
54 54.8 42.5 63.7

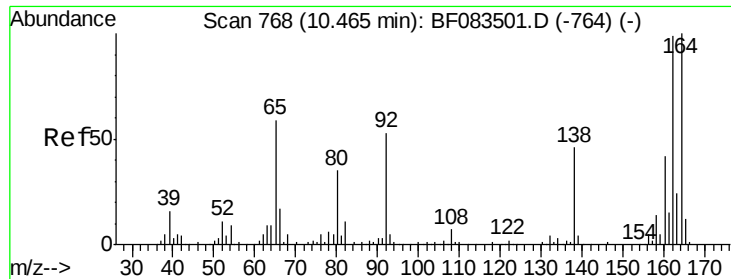


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

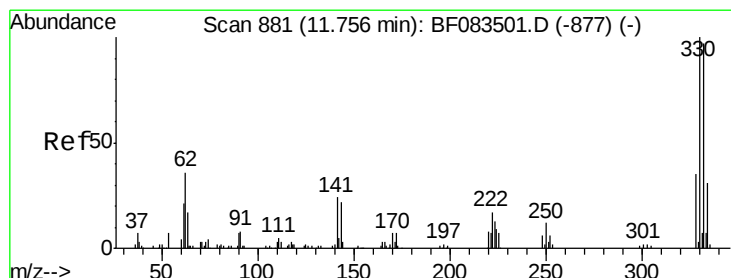
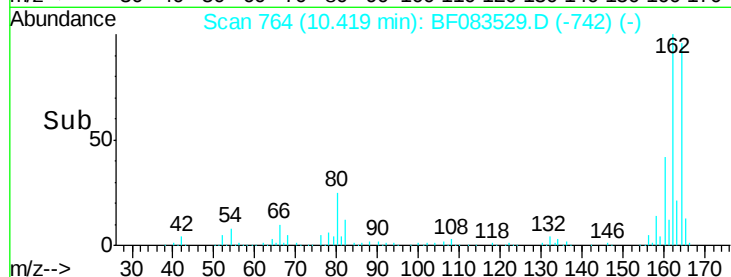
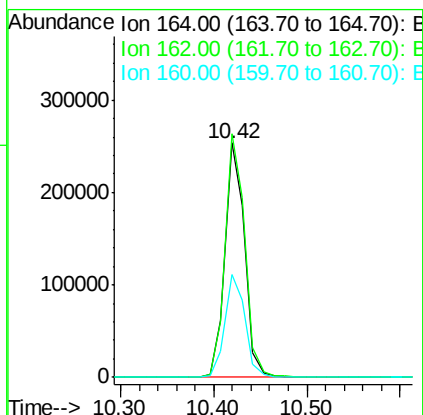
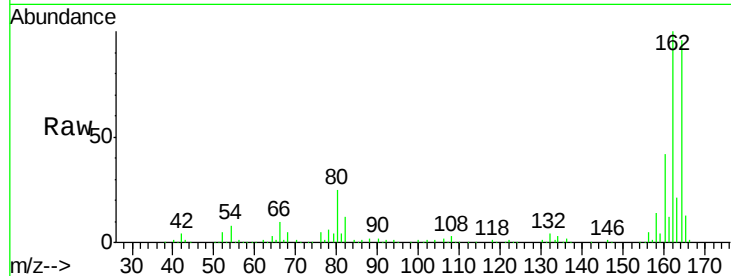




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.42 min Scan# 764
 Delta R.T. -0.05 min
 Lab File: BF083529.D
 Acq: 6 Dec 2015 14:23

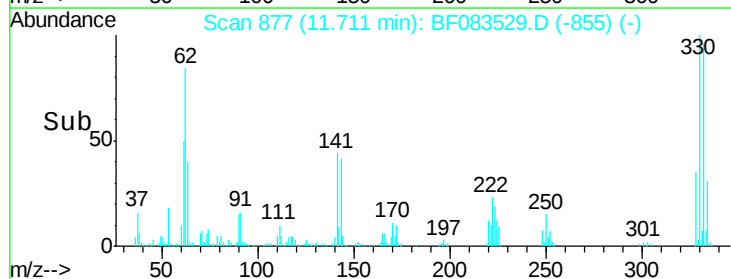
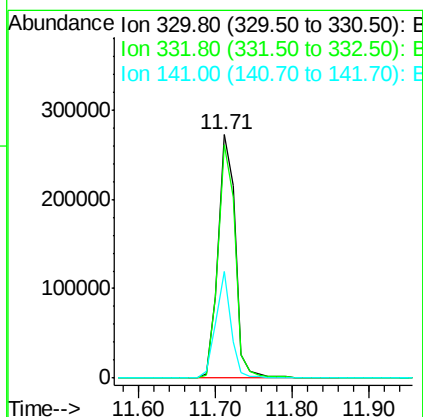
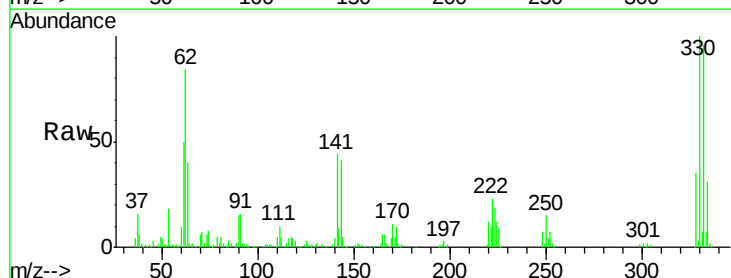
Instrument :
 BNA_G
 ClientSampleId :
 S5-14.5

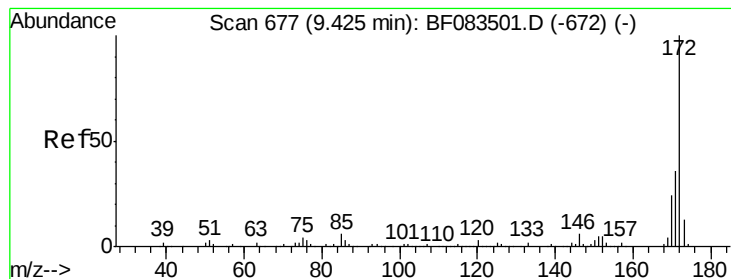
Tgt Ion:164 Resp: 370922
 Ion Ratio Lower Upper
 164 100
 162 104.0 78.8 118.2
 160 43.7 33.4 50.2



#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

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





#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

Instrument :

BNA_G

ClientSampleId :

S5-14.5

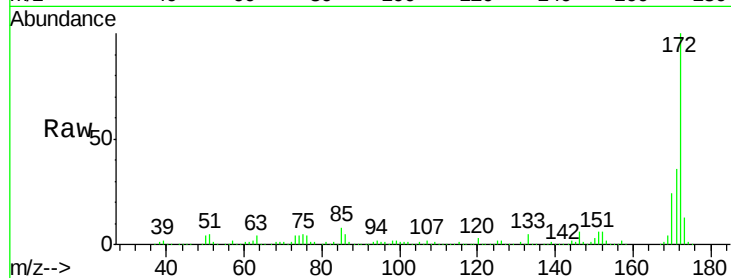
Tgt Ion:172 Resp: 1846720

Ion Ratio Lower Upper

172 100

171 36.4 28.6 42.8

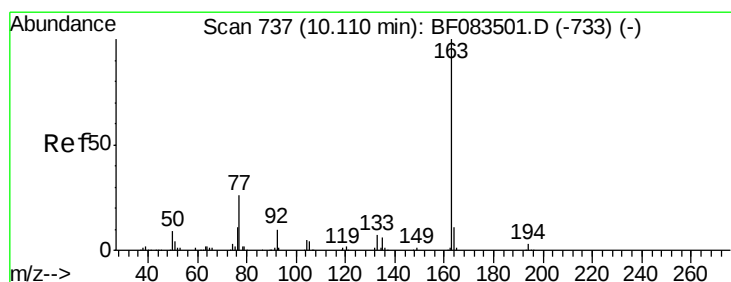
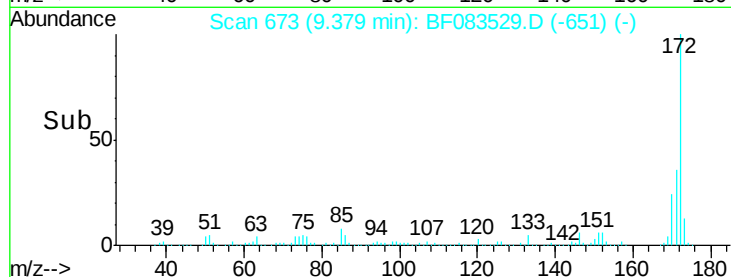
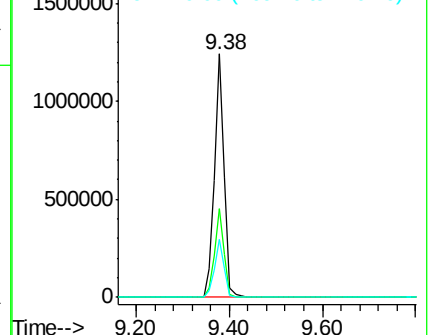
170 24.1 19.4 29.0



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

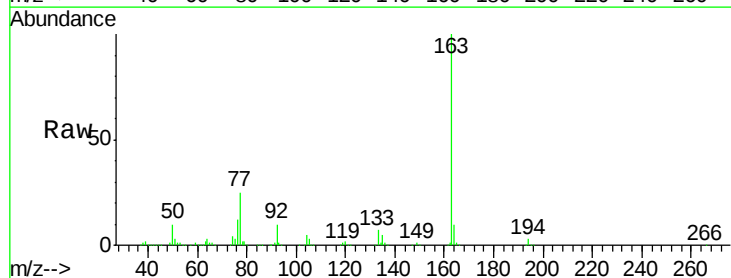
Tgt Ion:163 Resp: 790141

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

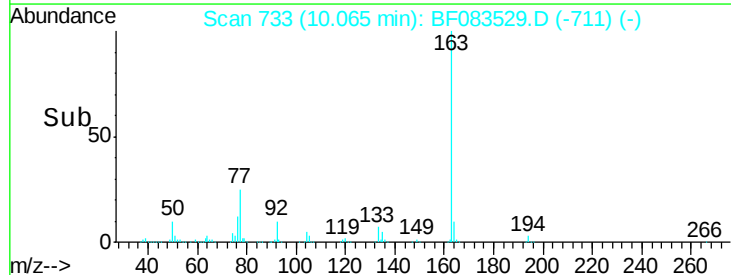
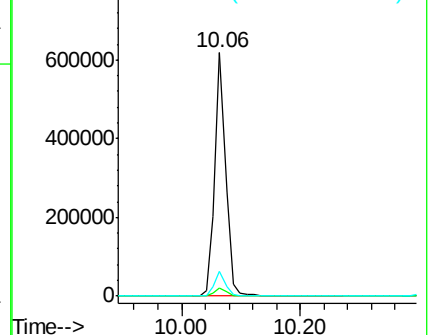
164 10.1 8.6 13.0

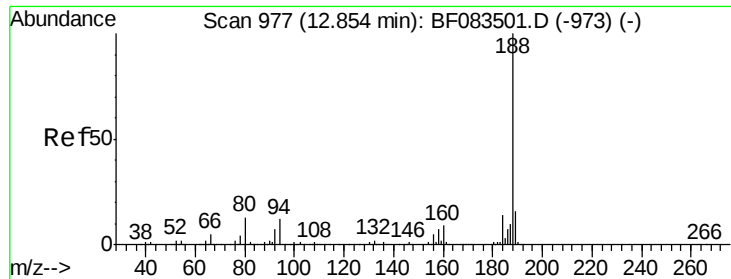


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

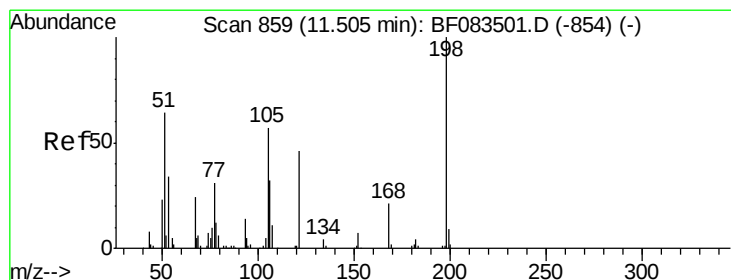
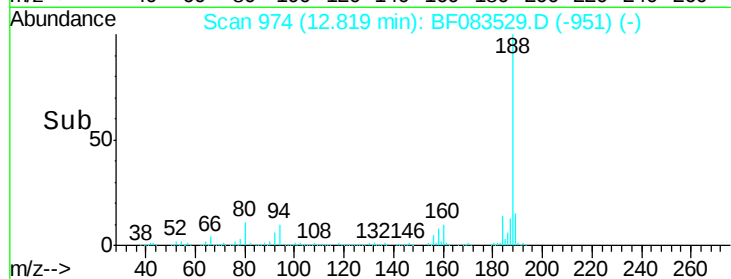
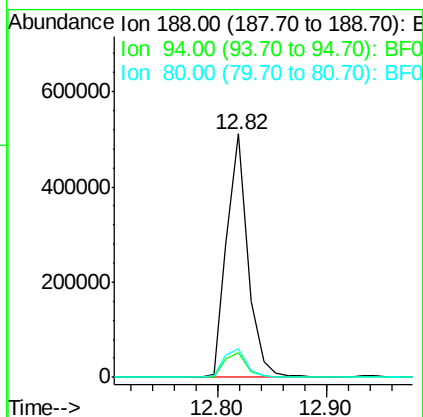
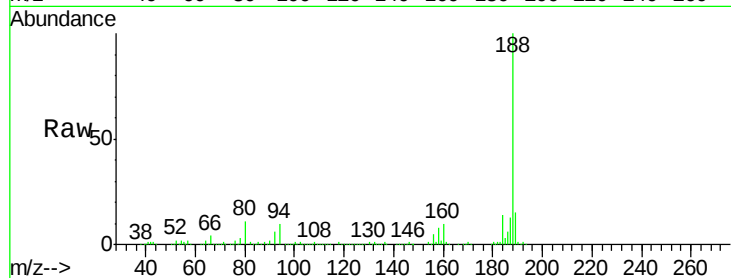




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.82 min Scan# 974
 Delta R.T. -0.03 min
 Lab File: BF083529.D
 Acq: 6 Dec 2015 14:23

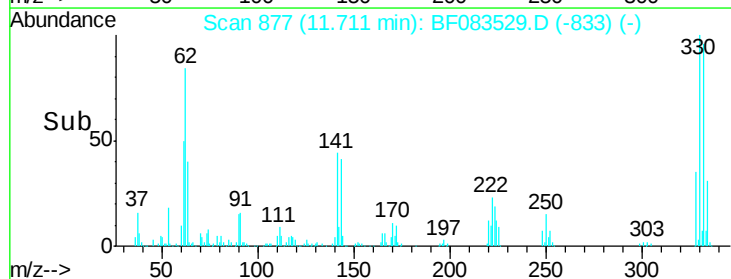
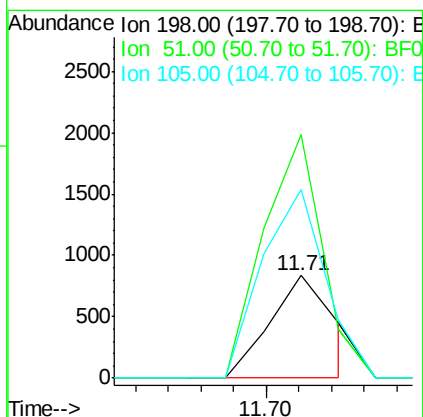
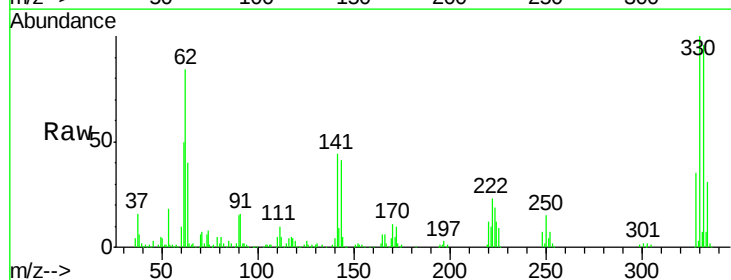
Instrument :
 BNA_G
 ClientSampleId :
 S5-14.5

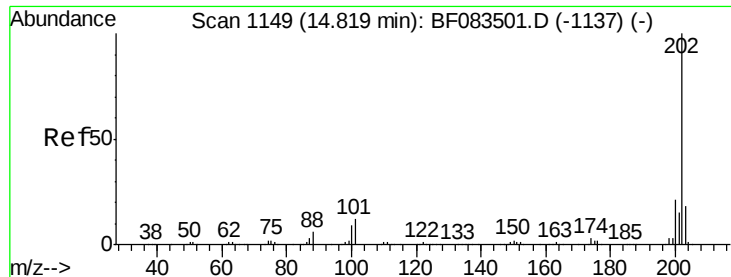
Tgt Ion:188 Resp: 691360
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.4 14.2
 80 11.5 10.6 16.0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.71 ng
 RT: 11.71 min Scan# 877
 Delta R.T. 0.21 min
 Lab File: BF083529.D
 Acq: 6 Dec 2015 14:23

Tgt Ion:198 Resp: 1142
 Ion Ratio Lower Upper
 198 100
 51 237.3 53.8 93.8#
 105 184.2 38.6 78.6#

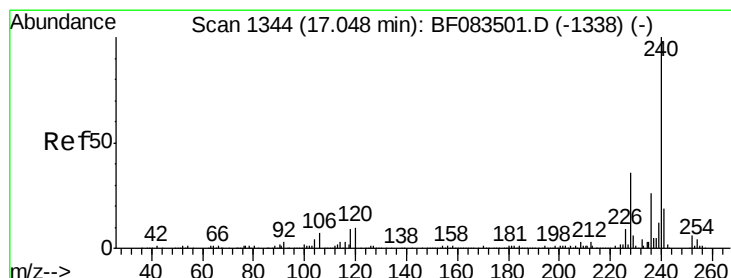
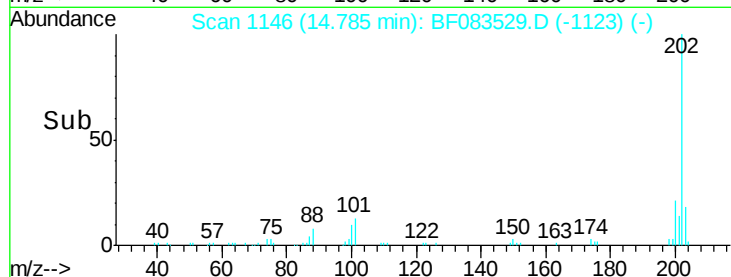
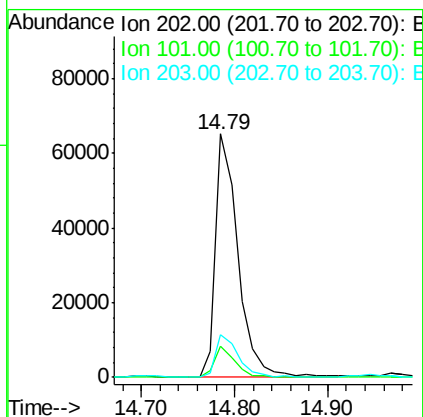
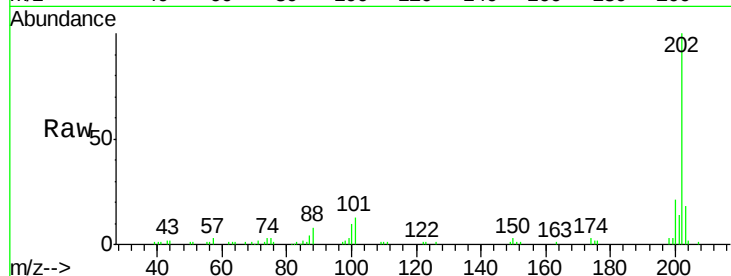




#74
 Fluoranthene
 Concen: 2.74 ng
 RT: 14.79 min Scan# 1146
 Delta R.T. -0.03 min
 Lab File: BF083529.D
 Acq: 6 Dec 2015 14:23

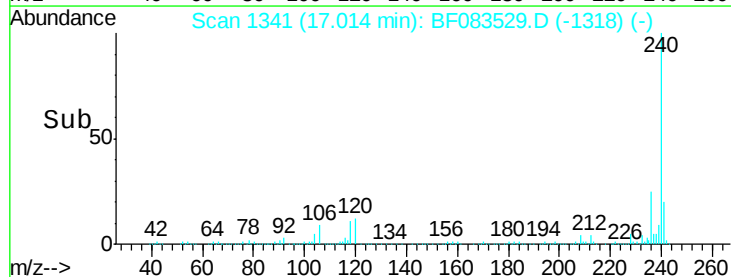
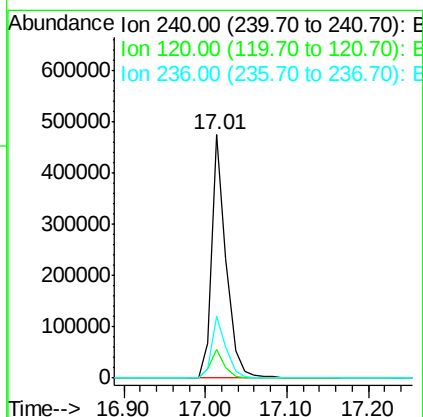
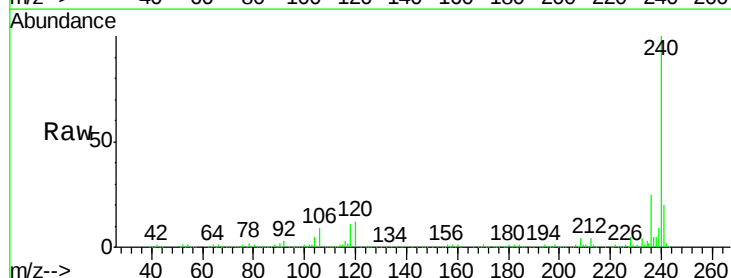
Instrument :
 BNA_G
 ClientSampleId :
 S5-14.5

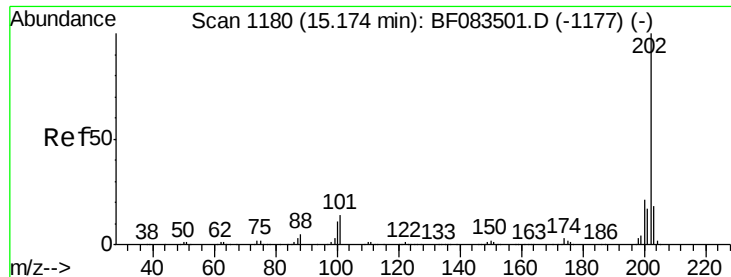
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.5
203	17.6	0.0	37.6



#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

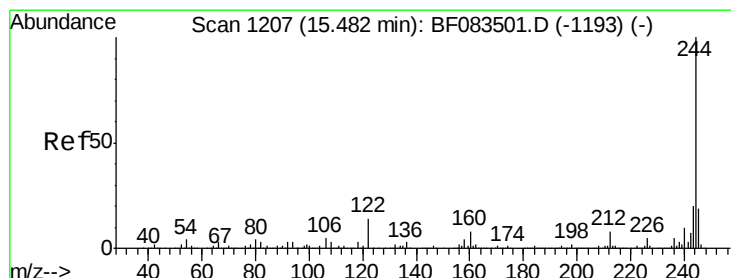
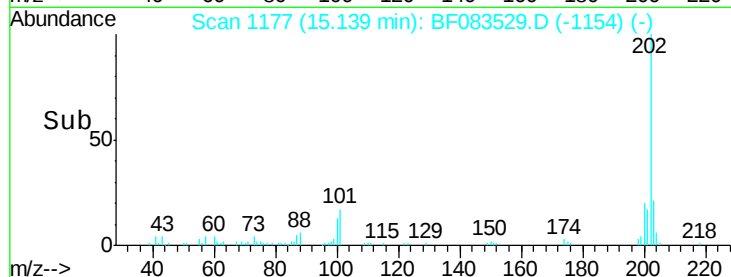
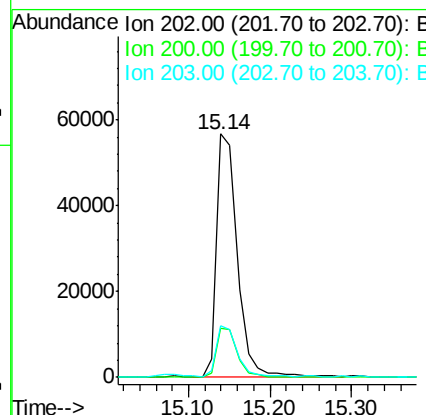
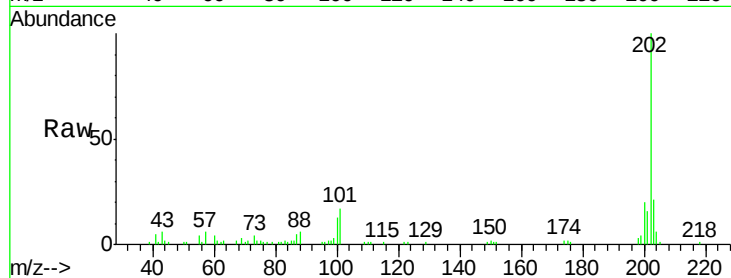




#77
 Pyrene
 Concen: 2.29 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.03 min
 Lab File: BF083529.D
 Acq: 6 Dec 2015 14:23

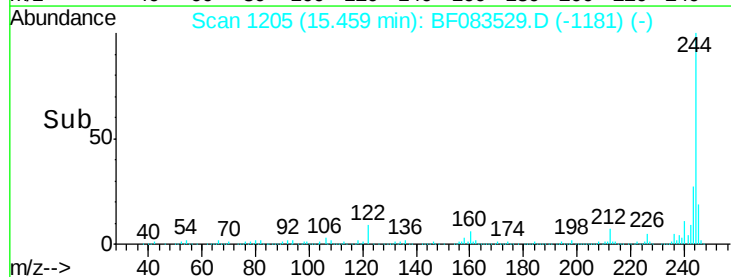
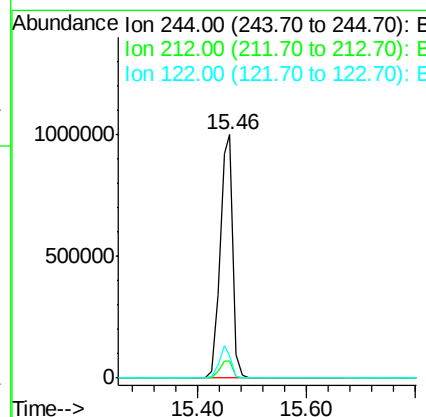
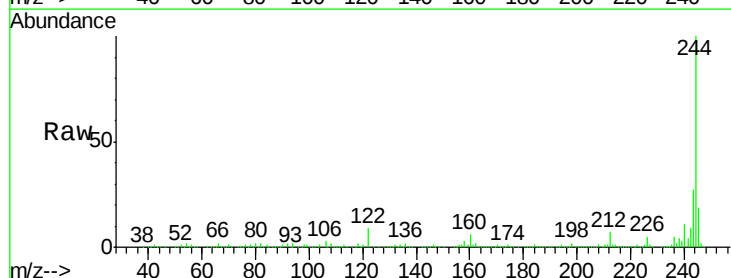
Instrument :
 BNA_G
 ClientSampleId :
 S5-14.5

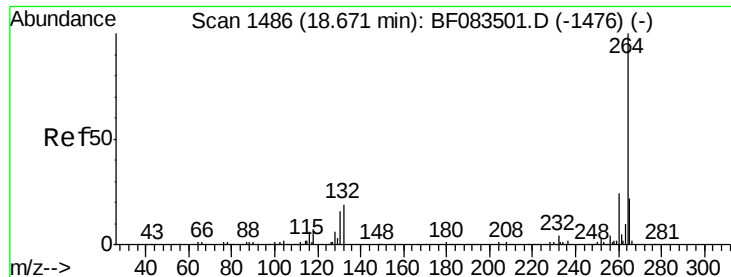
Tgt Ion: 202 Resp: 101296
 Ion Ratio Lower Upper
 202 100
 200 20.2 16.7 25.1
 203 21.1 14.3 21.5



#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#

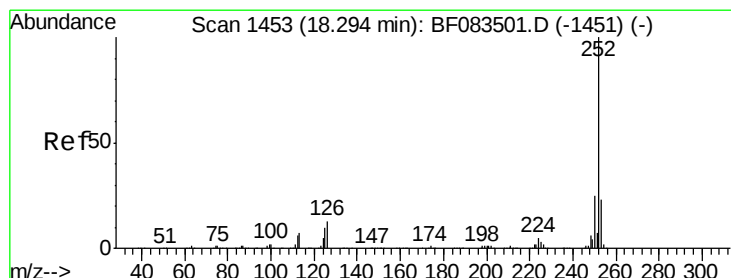
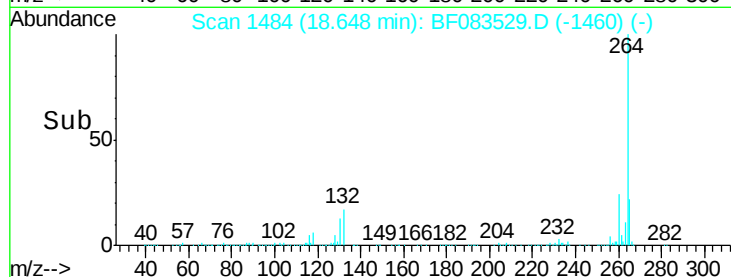
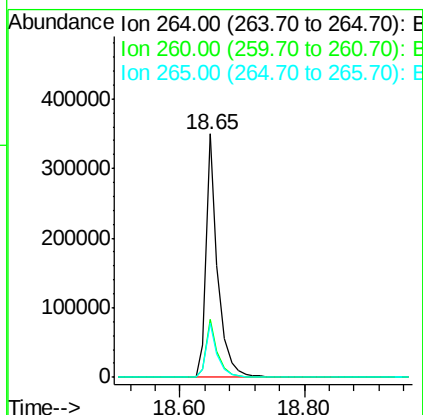
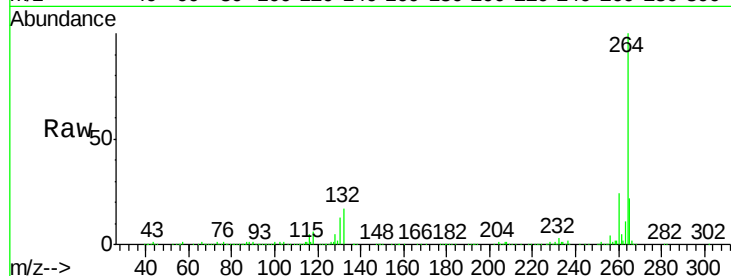




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.65 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF083529.D
Acq: 6 Dec 2015 14:23

Instrument :
BNA_G
ClientSampleId :
S5-14.5

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



#87
Benzo(b)fluoranthene
Concen: 2.94 ng
RT: 18.29 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF083529.D
Acq: 6 Dec 2015 14:23

Tgt Ion:252 Resp: 74674
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 10.9 8.2 12.4

