

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_G
 ClientSampleId :
 S7-14.5

Quant Time: Dec 07 05:03:30 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

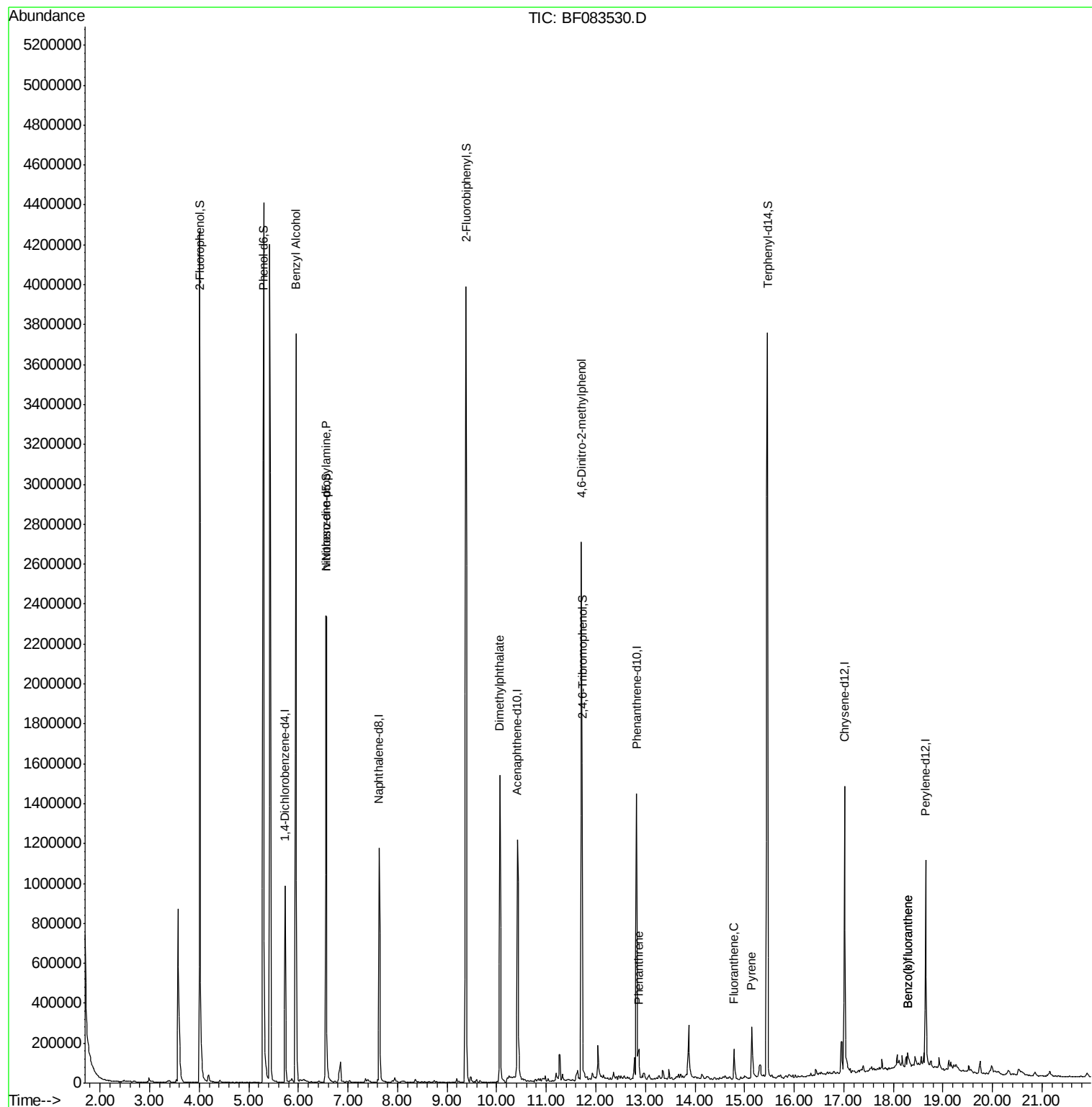
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	190433	20.00	ng	-0.03
21) Naphthalene-d8	7.63	136	761235	20.00	ng	-0.05
38) Acenaphthene-d10	10.42	164	387149	20.00	ng	-0.05
63) Phenanthrene-d10	12.82	188	715029	20.00	ng	-0.03
75) Chrysene-d12	17.01	240	632992	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
15) Benzyl Alcohol	5.95	79	24450	2.04	ng	# 49
19) n-Nitroso-di-n-propylamine	6.56	70	193825	16.80	ng	# 82
49) Dimethylphthalate	10.06	163	920889	30.22	ng	99
64) 4,6-Dinitro-2-methylphenol	11.71	198	1185	3.71	ng	# 1
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
87) Benzo(b)fluoranthene	18.29	252	57831	2.05	ng	# 95
88) Benzo(k)fluoranthene	18.29	252	57831	2.00	ng	97

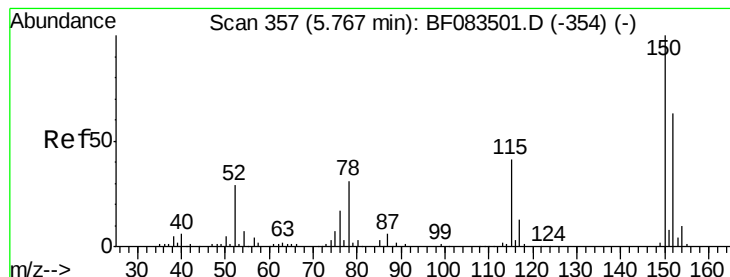
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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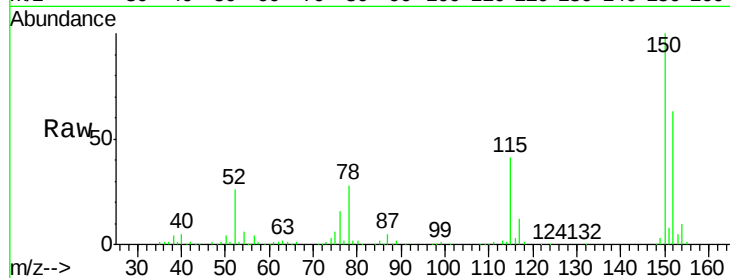


#1

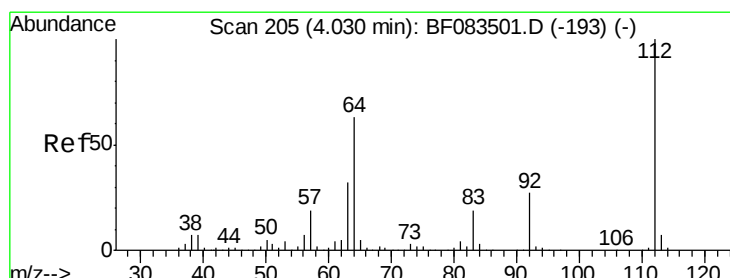
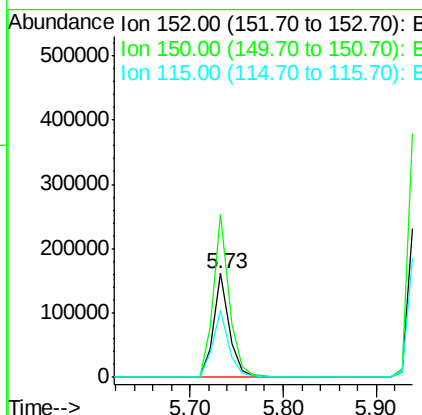
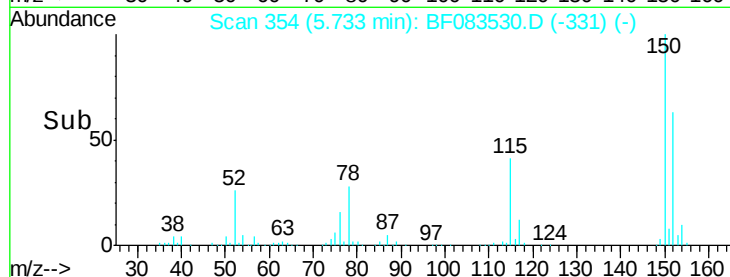
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.73 min Scan# 354
Delta R.T. -0.03 min
Lab File: BF083530.D
Acq: 6 Dec 2015 19:24

Instrument :
BNA_G
ClientSampleId :
S7-14.5

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



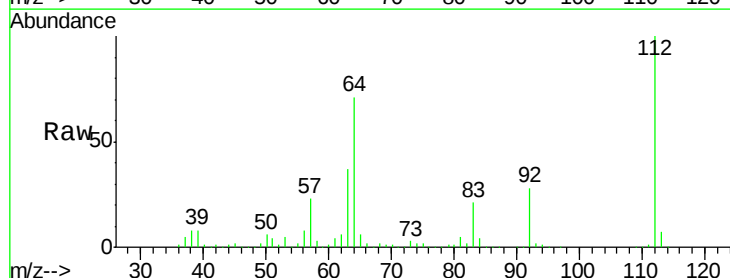
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



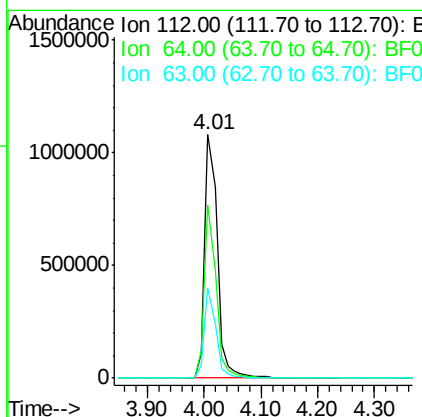
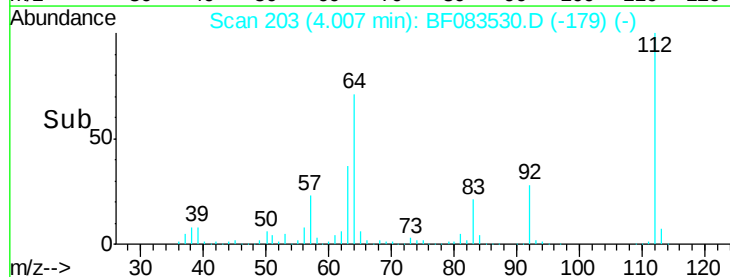
#5

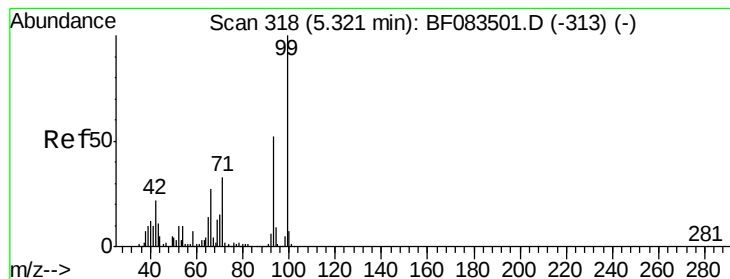
2-Fluorophenol
Concen: 128.05 ng
RT: 4.01 min Scan# 203
Delta R.T. -0.02 min
Lab File: BF083530.D
Acq: 6 Dec 2015 19:24

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_G

ClientSampleId :

S7-14.5

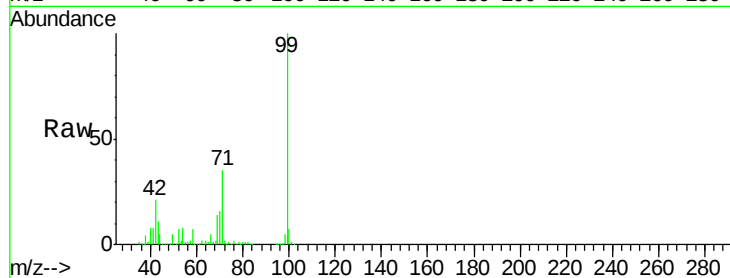
Tgt Ion: 99 Resp: 2246267

Ion Ratio Lower Upper

99 100

42 21.2 17.3 25.9

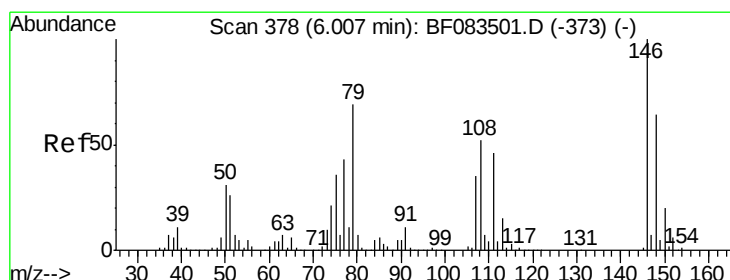
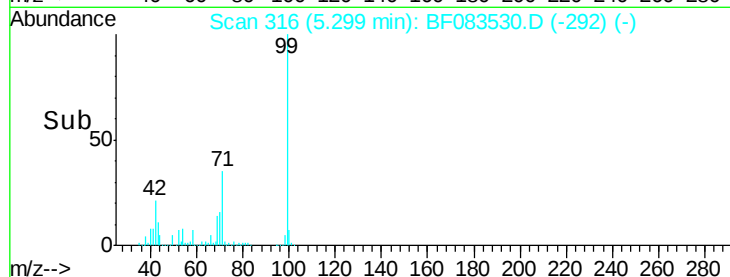
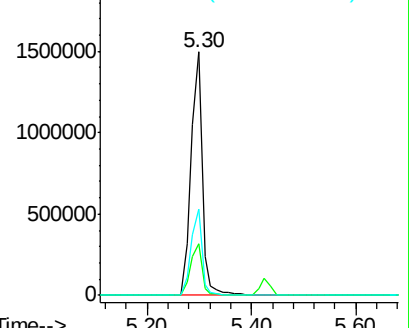
71 35.2 26.6 40.0



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



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 5.95 min Scan# 373

Delta R.T. -0.06 min

Lab File: BF083530.D

Acq: 6 Dec 2015 19:24

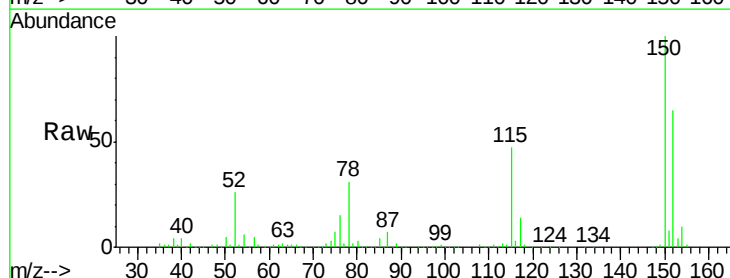
Tgt Ion: 79 Resp: 24450

Ion Ratio Lower Upper

79 100

108 25.7 59.6 89.4#

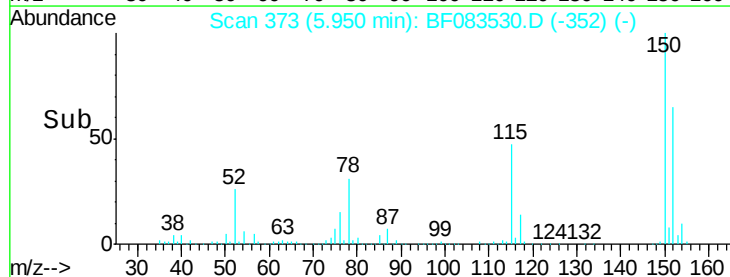
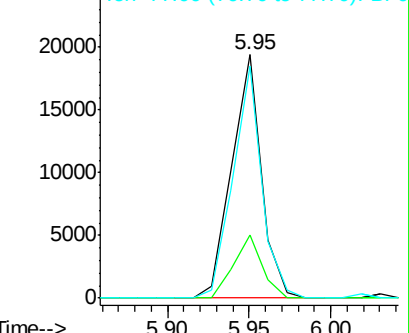
77 95.1 49.8 74.6#

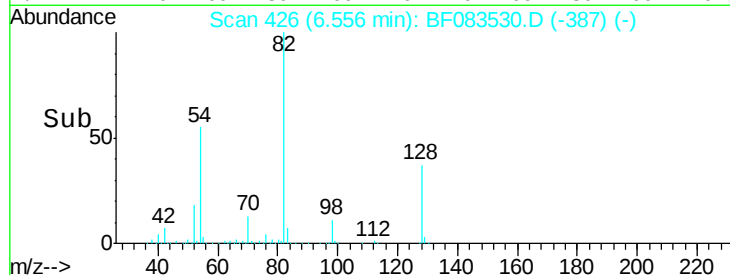
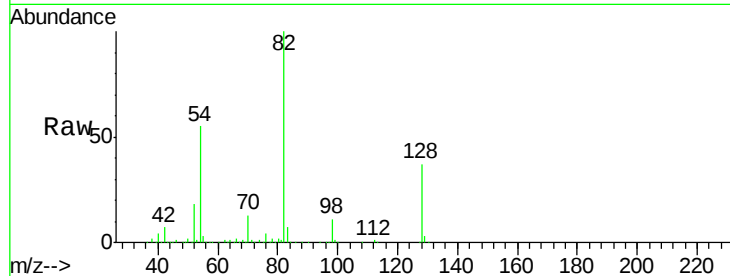
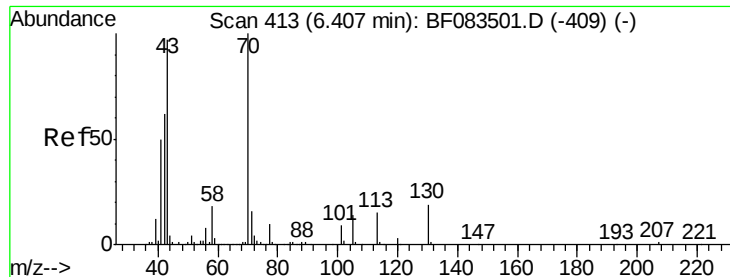


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

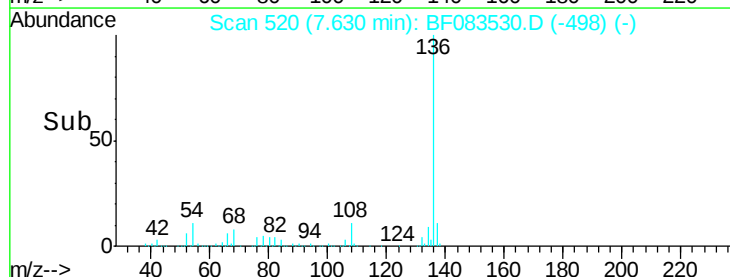
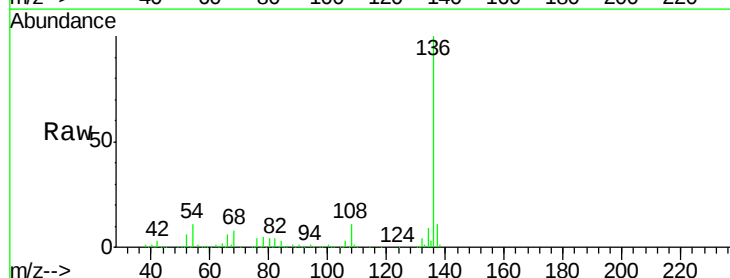
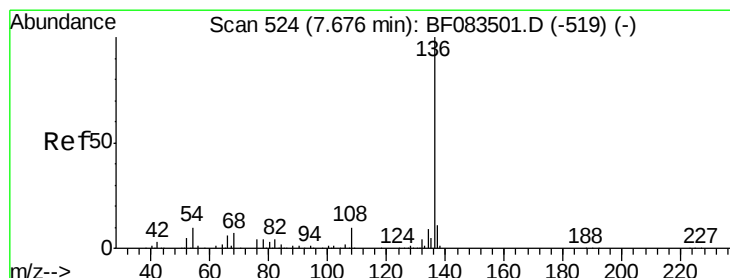
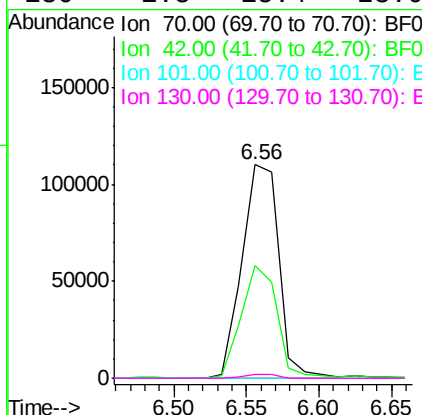




#19
n-Nitroso-di-n-propylamine
Concen: 16.80 ng
RT: 6.56 min Scan# 426
Delta R.T. 0.15 min
Lab File: BF083530.D
Acq: 6 Dec 2015 19:24

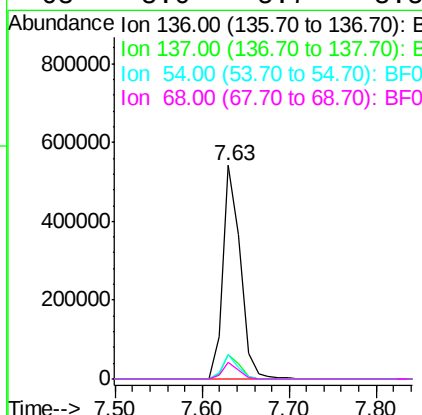
Instrument :
BNA_G
ClientSampleId :
S7-14.5

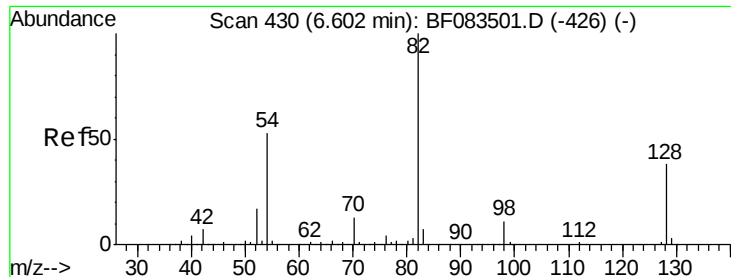
Tgt Ion: 70 Resp: 193825
Ion Ratio Lower Upper
70 100
42 52.9 49.2 73.8
101 0.0 7.1 10.7#
130 1.8 15.4 23.0#



#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

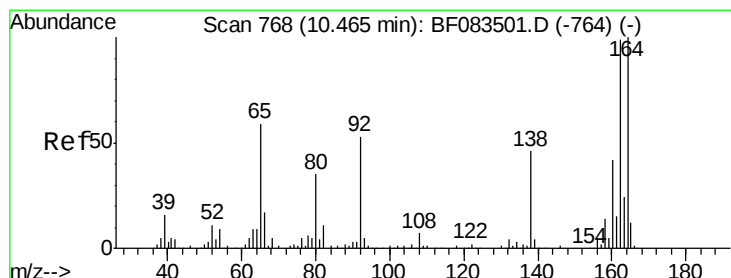
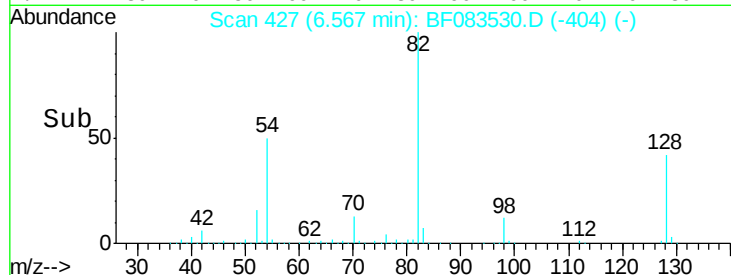
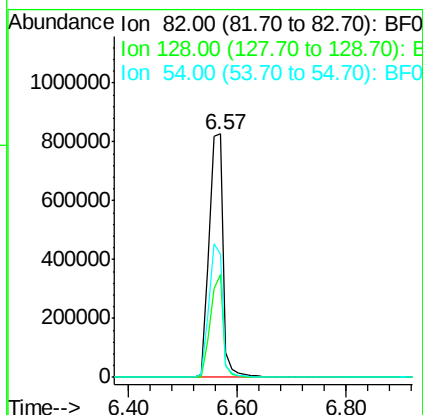
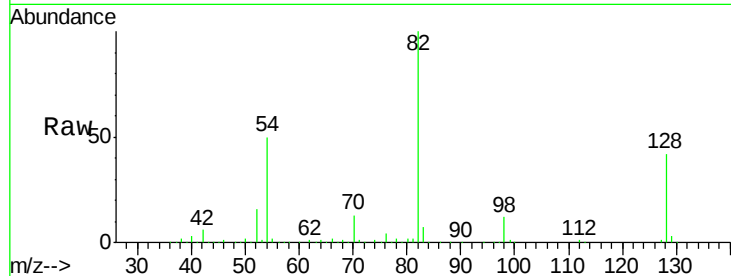




#23
 Nitrobenzene-d5
 Concen: 92.28 ng
 RT: 6.57 min Scan# 427
 Delta R.T. -0.03 min
 Lab File: BF083530.D
 Acq: 6 Dec 2015 19:24

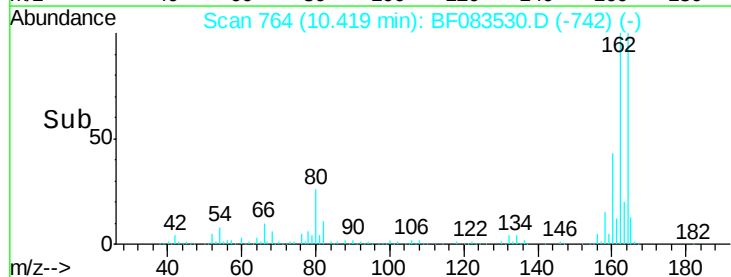
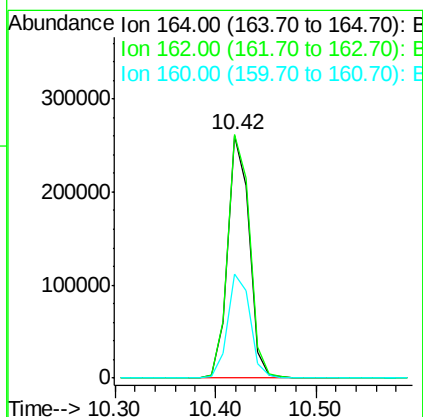
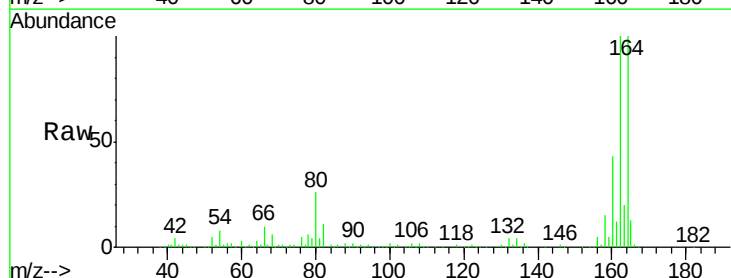
Instrument :
 BNA_G
 ClientSampleId :
 S7-14.5

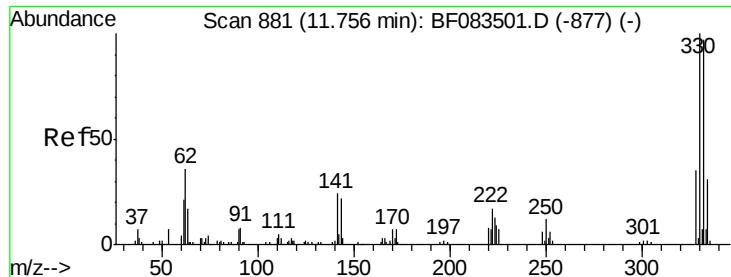
Tgt Ion: 82 Resp: 1502751
 Ion Ratio Lower Upper
 82 100
 128 42.3 30.7 46.1
 54 50.5 42.5 63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.42 min Scan# 764
 Delta R.T. -0.05 min
 Lab File: 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

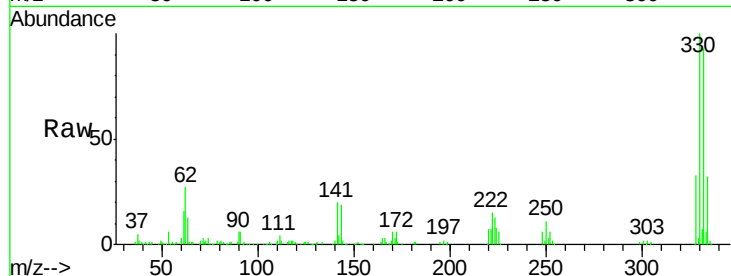




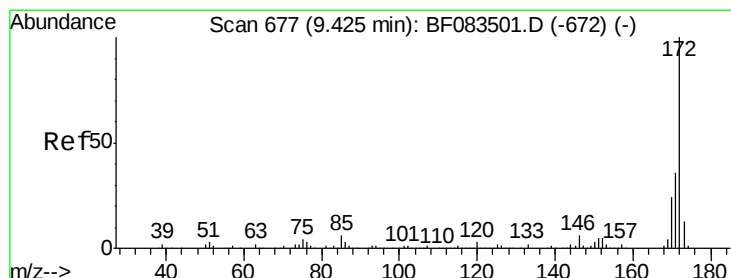
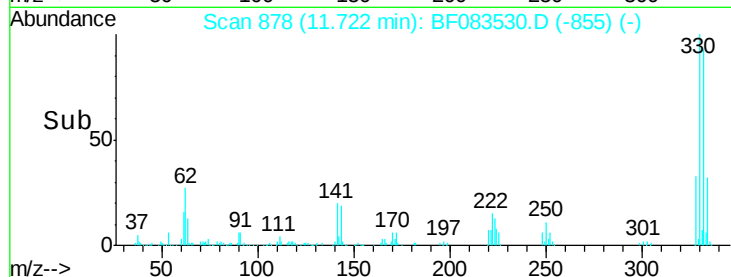
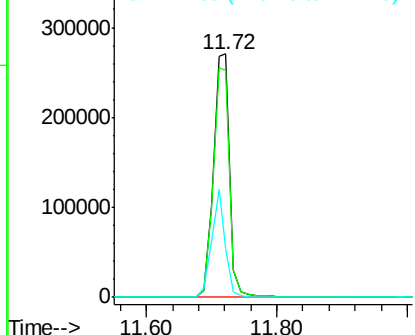
#41
 2,4,6-Tribromophenol
 Concen: 134.25 ng
 RT: 11.72 min Scan# 878
 Delta R.T. -0.03 min
 Lab File: BF083530.D
 Acq: 6 Dec 2015 19:24

Instrument :
 BNA_G
 ClientSampleId :
 S7-14.5

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

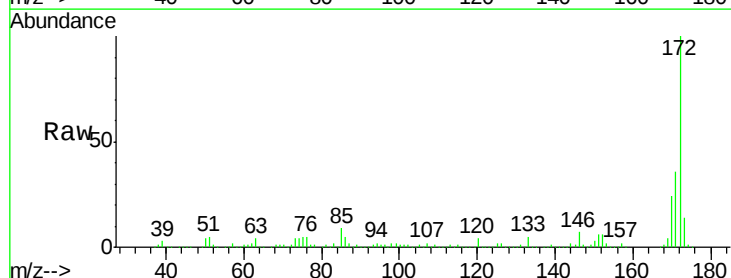


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

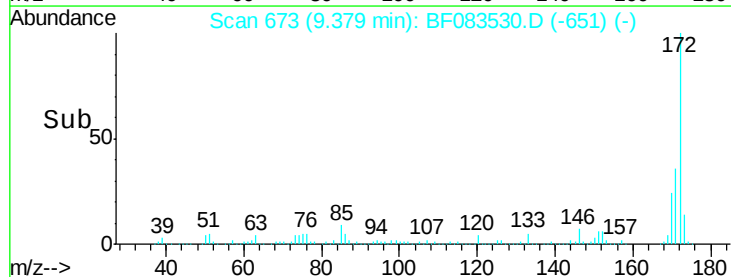
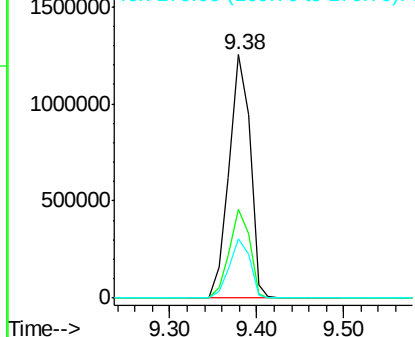


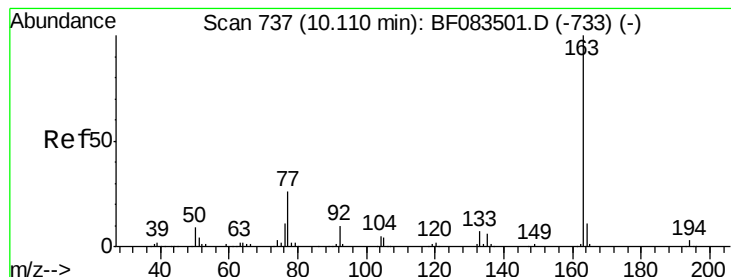
#44
 2-Fluorobiphenyl
 Concen: 73.85 ng
 RT: 9.38 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF083530.D
 Acq: 6 Dec 2015 19:24

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_G

ClientSampleId :

S7-14.5

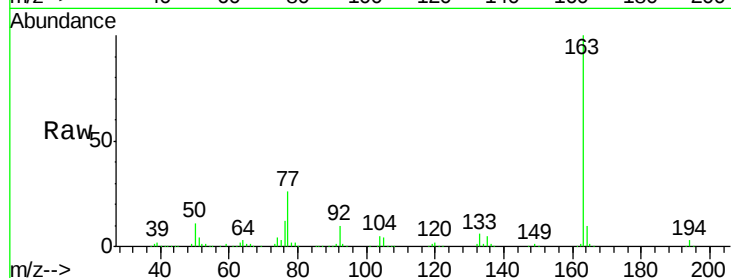
Tgt Ion:163 Resp: 920889

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

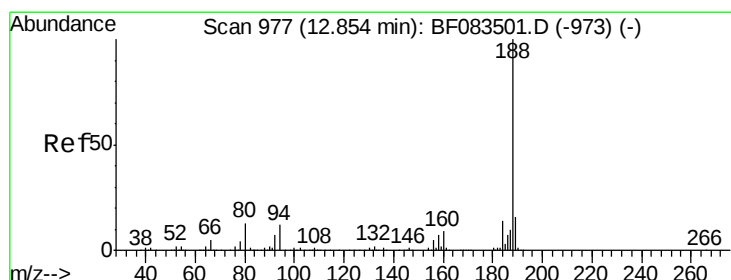
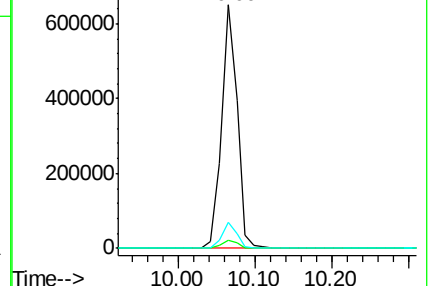
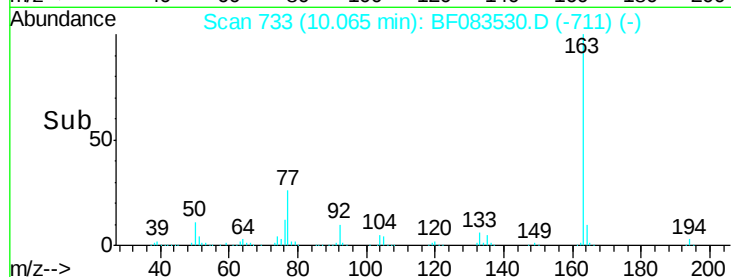
164 10.5 8.6 13.0



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: BF083530.D

Acq: 6 Dec 2015 19:24

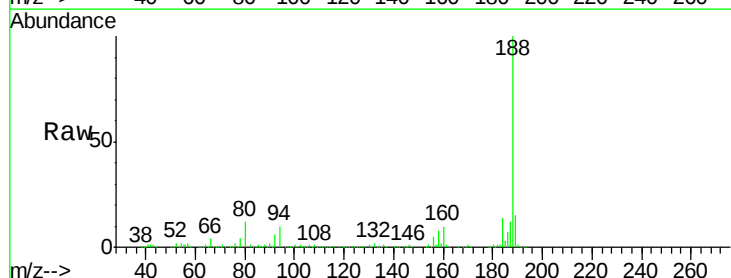
Tgt Ion:188 Resp: 715029

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

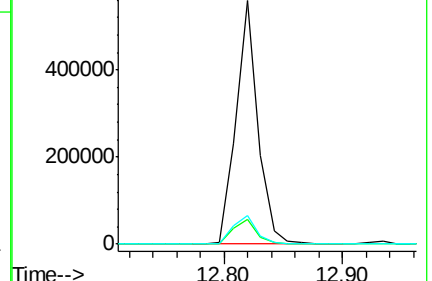
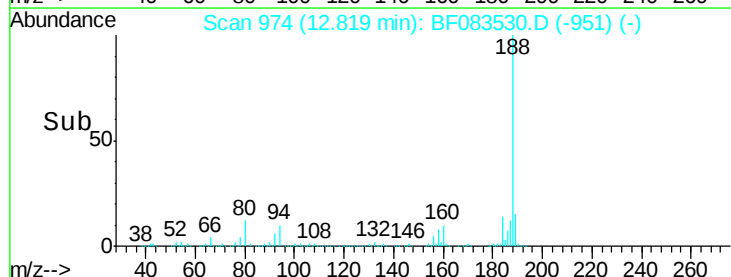
80 11.7 10.6 16.0

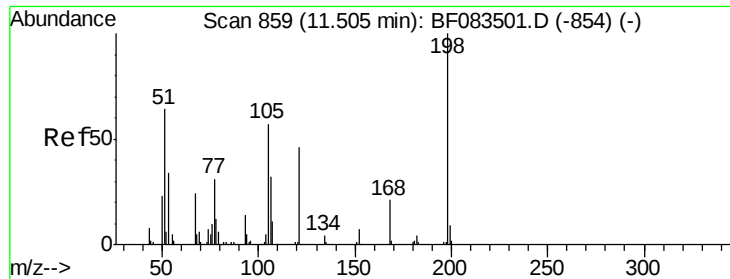


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

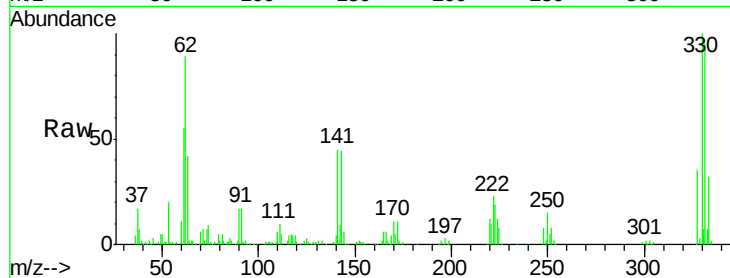




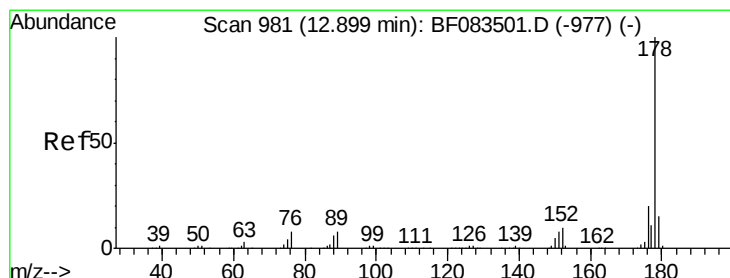
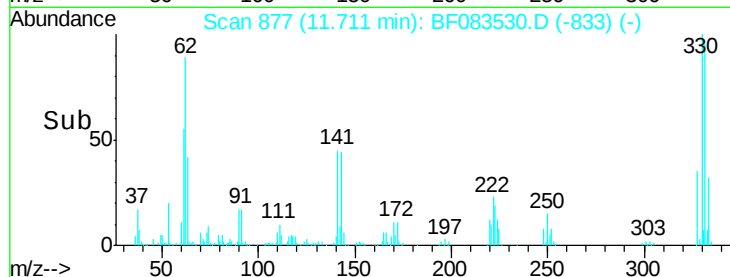
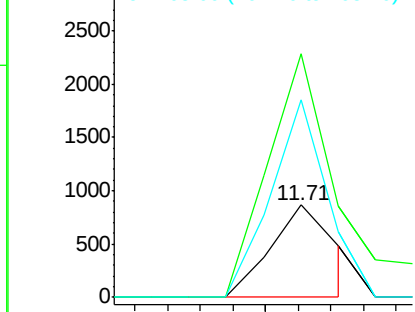
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.71 ng
 RT: 11.71 min Scan# 877
 Delta R.T. 0.21 min
 Lab File: BF083530.D
 Acq: 6 Dec 2015 19:24

Instrument :
 BNA_G
 ClientSampleId :
 S7-14.5

Tgt Ion:198 Resp: 1185
 Ion Ratio Lower Upper
 198 100
 51 264.9 53.8 93.8#
 105 215.3 38.6 78.6#

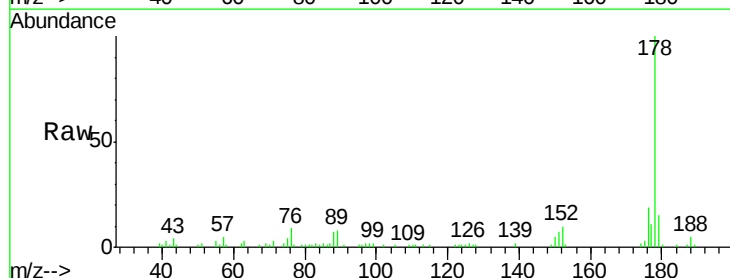


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

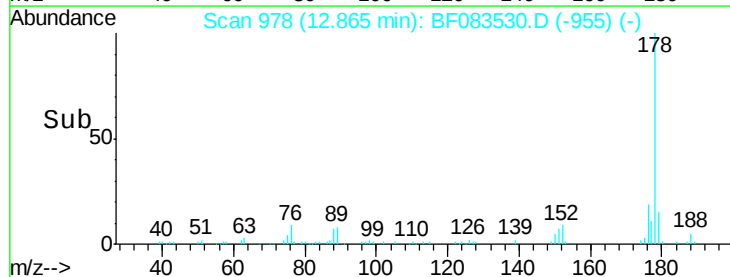
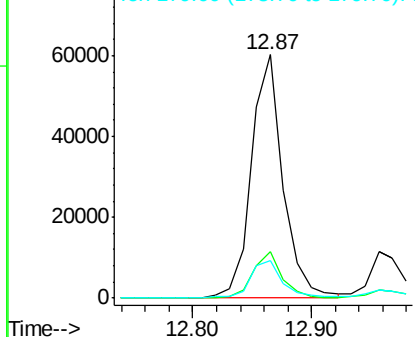


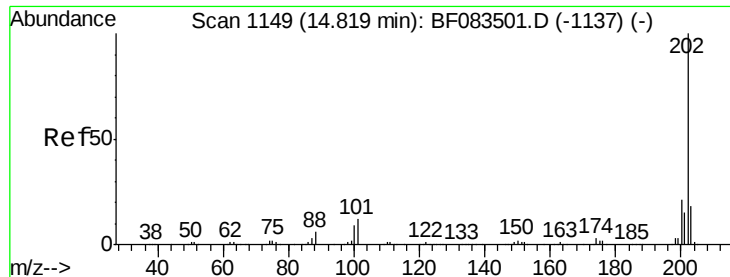
#70
 Phenanthrene
 Concen: 2.69 ng
 RT: 12.87 min Scan# 978
 Delta R.T. -0.03 min
 Lab File: BF083530.D
 Acq: 6 Dec 2015 19:24

Tgt 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

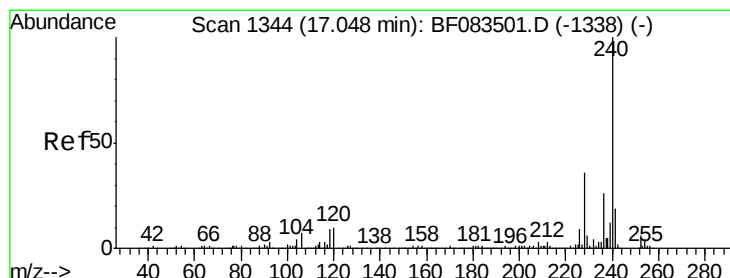
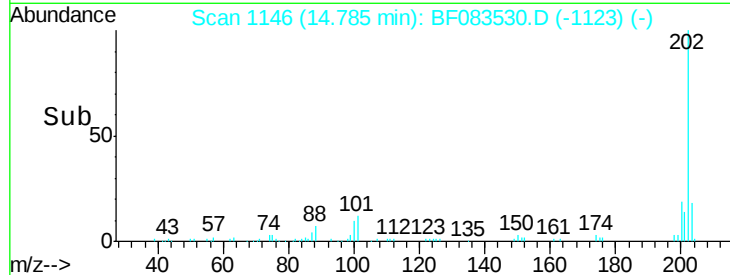
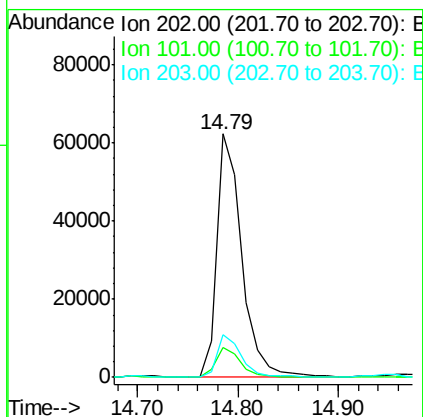
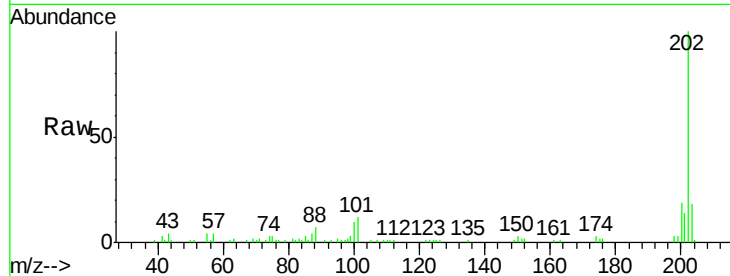




#74
 Fluoranthene
 Concen: 2.61 ng
 RT: 14.79 min Scan# 1146
 Delta R.T. -0.03 min
 Lab File: BF083530.D
 Acq: 6 Dec 2015 19:24

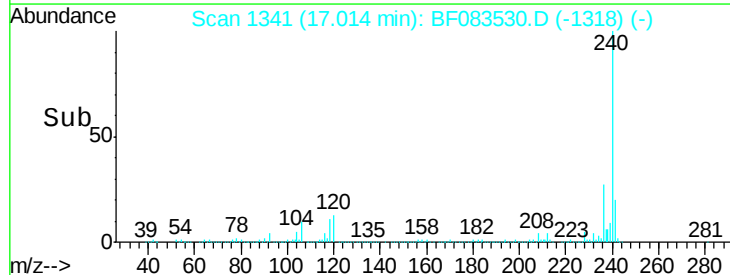
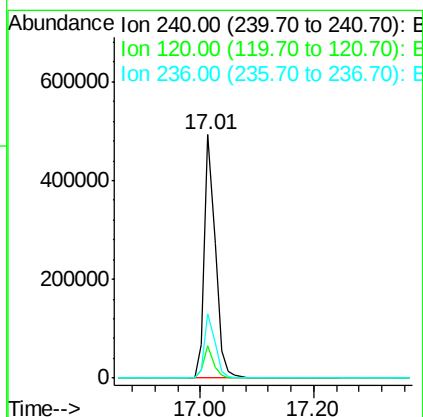
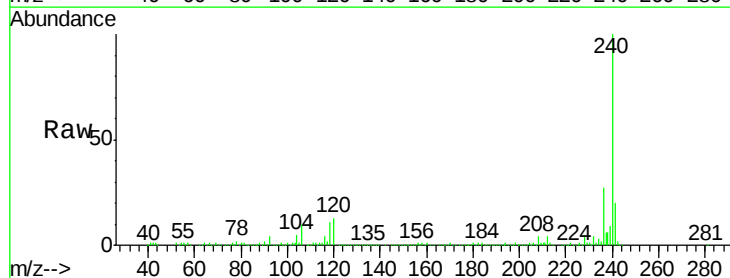
Instrument :
 BNA_G
 ClientSampleId :
 S7-14.5

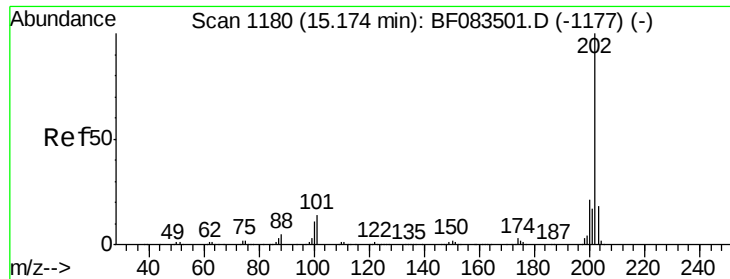
Tgt Ion: 202 Resp: 107487
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 31.5
 203 17.6 0.0 37.6



#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

Tgt Ion: 240 Resp: 632992
 Ion Ratio Lower Upper
 240 100
 120 13.2 8.1 12.1#
 236 26.7 20.8 31.2

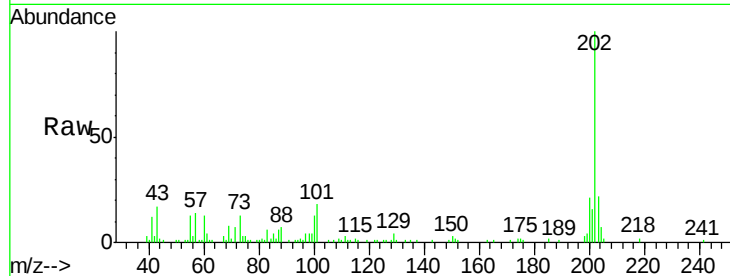




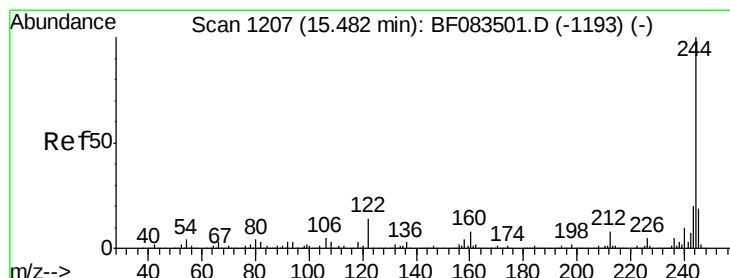
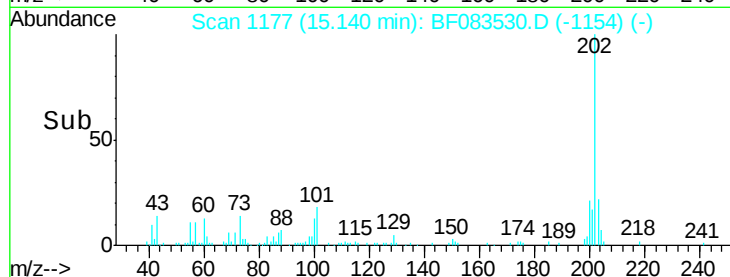
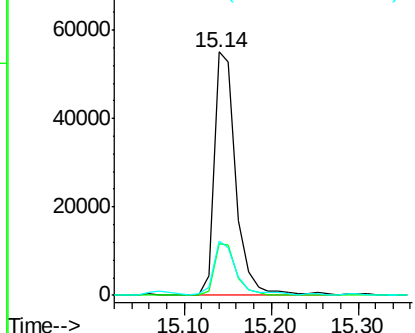
#77
 Pyrene
 Concen: 2.04 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.03 min
 Lab File: BF083530.D
 Acq: 6 Dec 2015 19:24

Instrument :
 BNA_G
 ClientSampleId :
 S7-14.5

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#

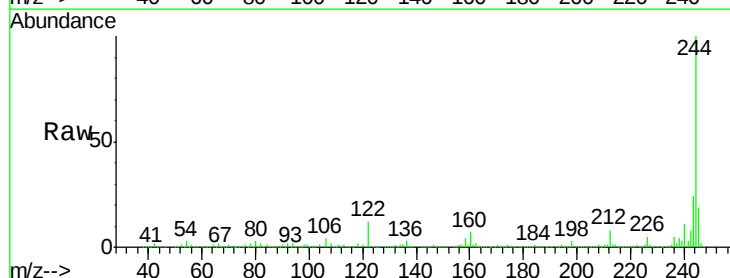


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

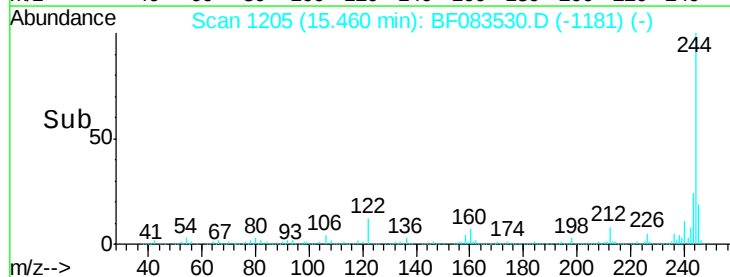
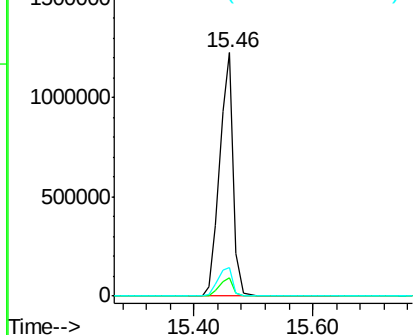


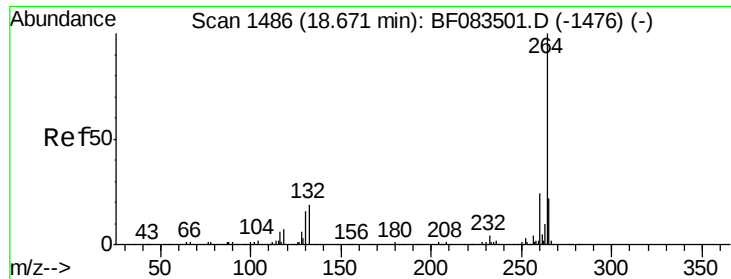
#78
 Terphenyl-d14
 Concen: 67.68 ng
 RT: 15.46 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF083530.D
 Acq: 6 Dec 2015 19:24

Tgt Ion:244 Resp: 1925330
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 11.5 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

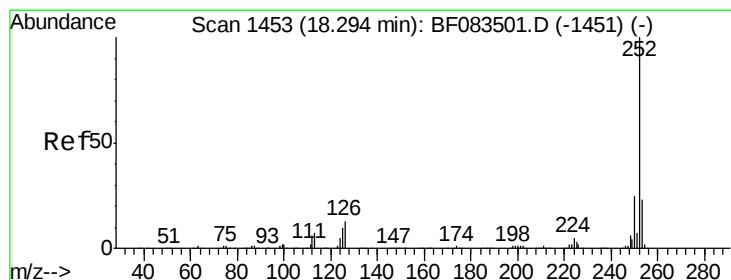
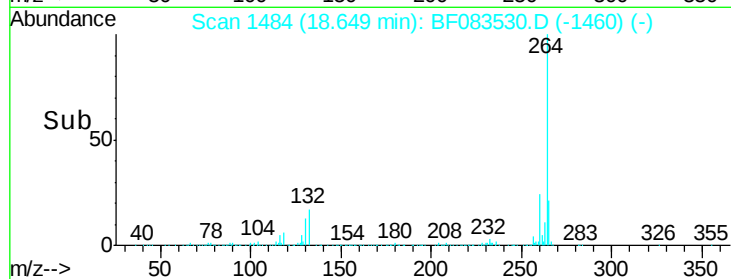
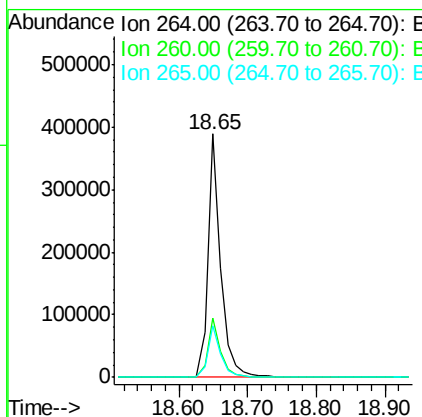
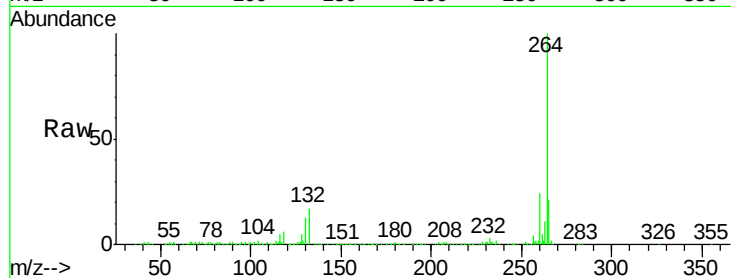




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.65 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF083530.D
Acq: 6 Dec 2015 19:24

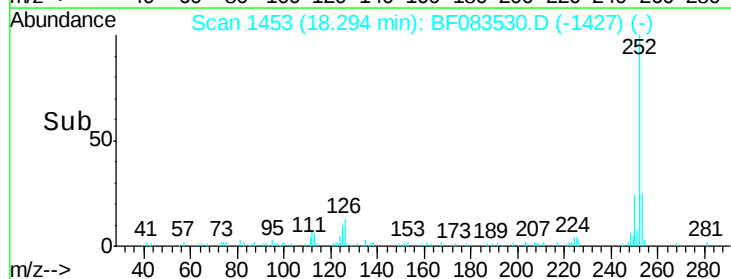
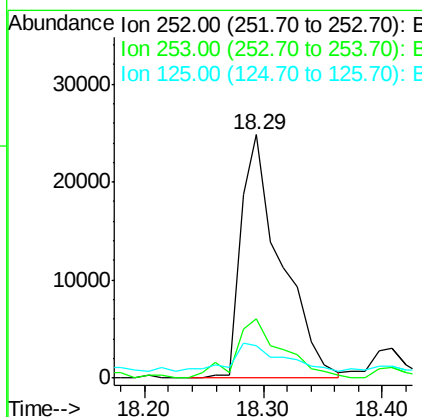
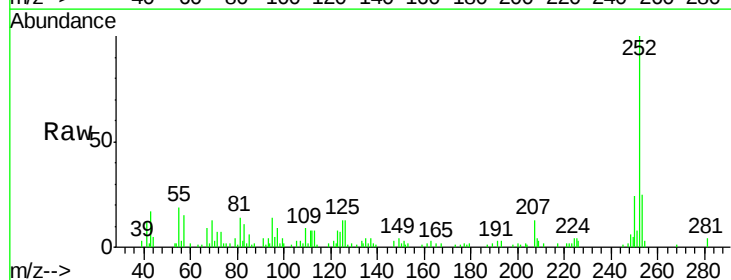
Instrument :
BNA_G
ClientSampleId :
S7-14.5

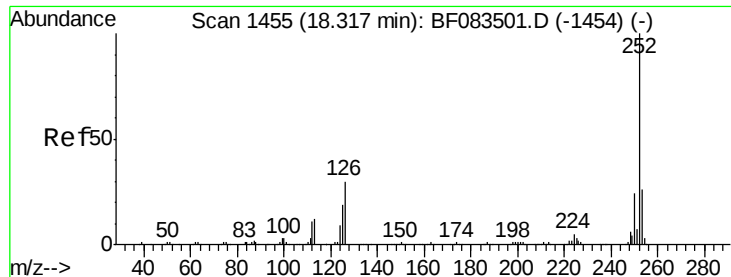
Tgt Ion:264 Resp: 501718
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.0
265 21.2 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 2.05 ng
RT: 18.29 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF083530.D
Acq: 6 Dec 2015 19:24

Tgt Ion:252 Resp: 57831
Ion Ratio Lower Upper
252 100
253 24.5 18.2 27.4
125 13.1 8.2 12.4#

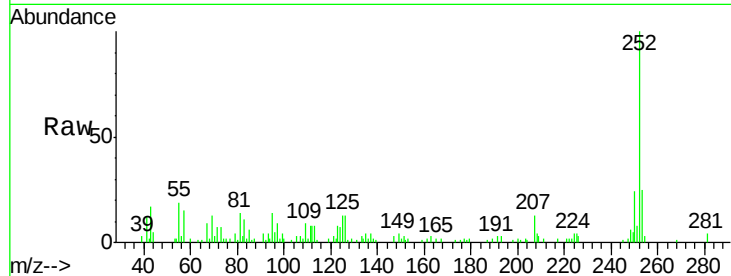




#88
 Benzo(k)fluoranthene
 Concen: 2.00 ng
 RT: 18.29 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: BF083530.D
 Acq: 6 Dec 2015 19:24

Instrument :
 BNA_G
 ClientSampleId :
 S7-14.5

Tgt Ion:	252	Resp:	57831
Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.6	27.8
125	13.1	11.5	17.3



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

