

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083768.D
 Acq On : 14 Dec 2015 9:45
 Operator : UM/IZ
 Sample : G4648-17
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-0.16)

Quant Time: Dec 14 15:59:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

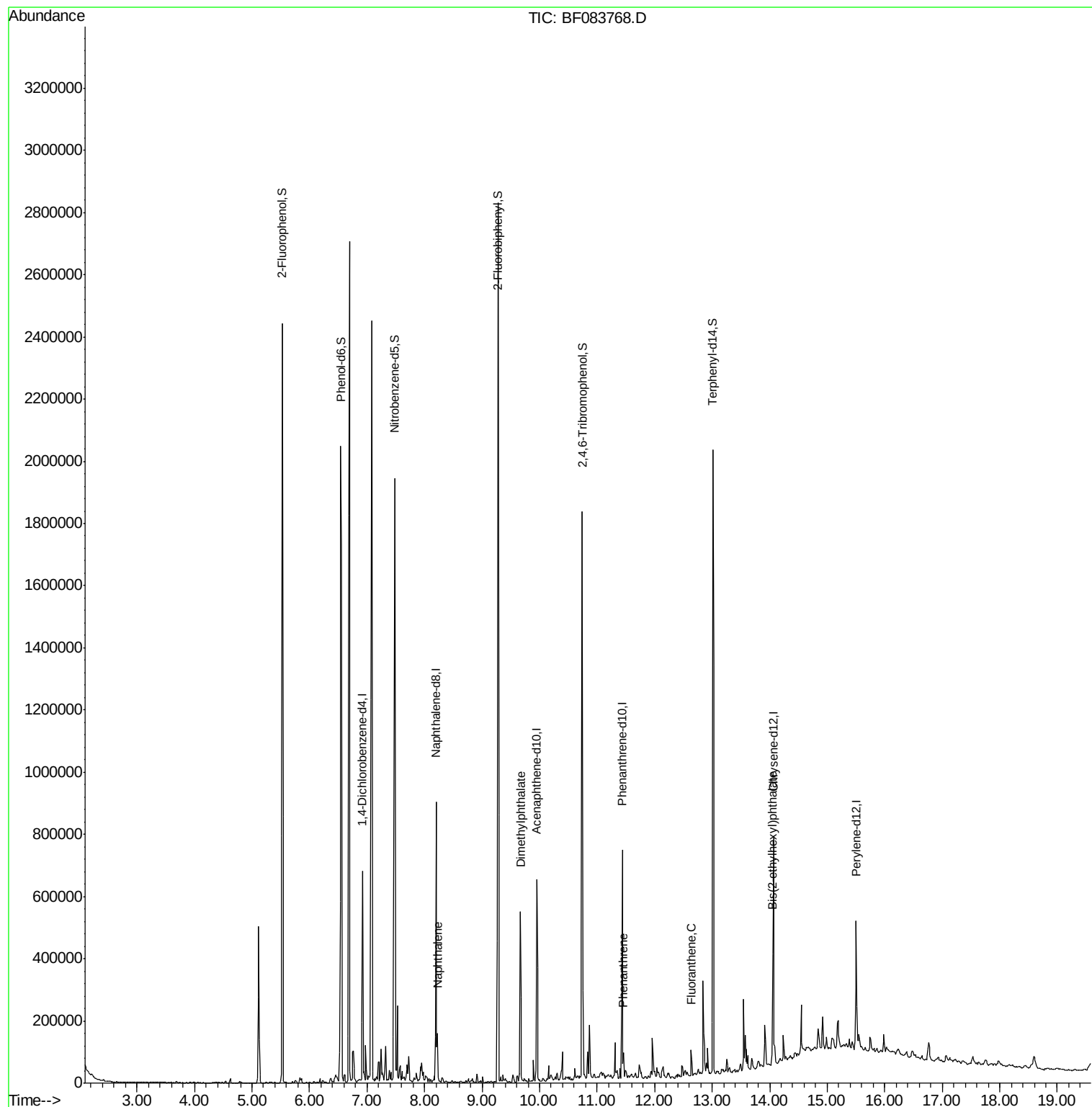
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	102567	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	374145	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	151449	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	267954	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	245839	20.00	ng	-0.01
86) Perylene-d12	15.51	264	192046	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	867143	136.39	ng	0.00
7) Phenol-d6	6.54	99	1157707	143.79	ng	0.00
23) Nitrobenzene-d5	7.48	82	719303	107.56	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	216615	140.36	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	973178	99.33	ng	-0.01
78) Terphenyl-d14	13.01	244	809873	70.86	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.22	128	63462	3.25	ng	99
49) Dimethylphthalate	9.66	163	274279	23.23	ng	99
70) Phenanthrene	11.46	178	29943	2.10	ng	99
74) Fluoranthene	12.64	202	39601	2.69	ng	93
83) Bis(2-ethylhexyl)phthalate	14.05	149	20647	2.18	ng	99

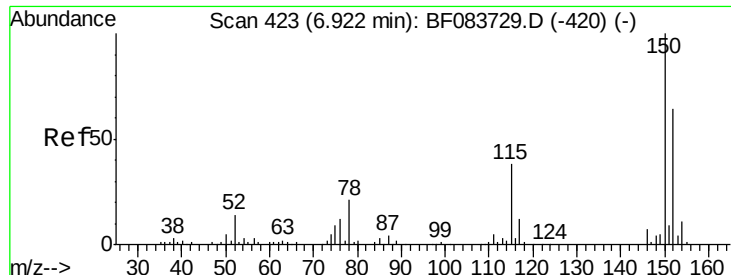
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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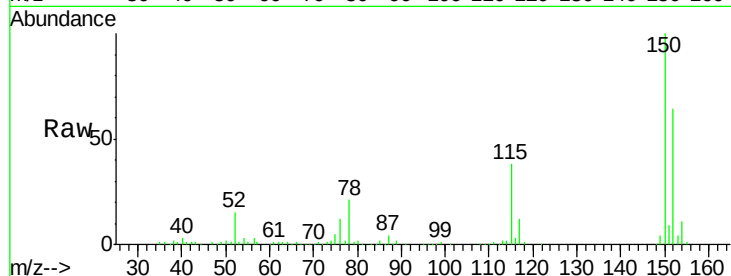


#1

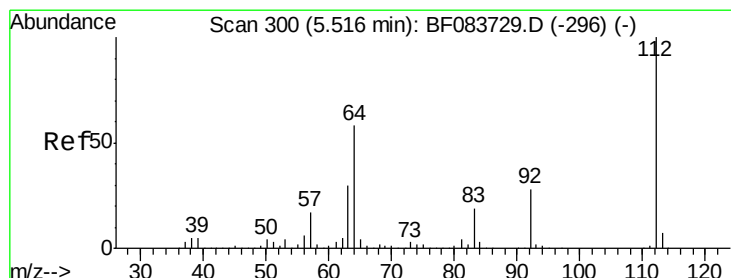
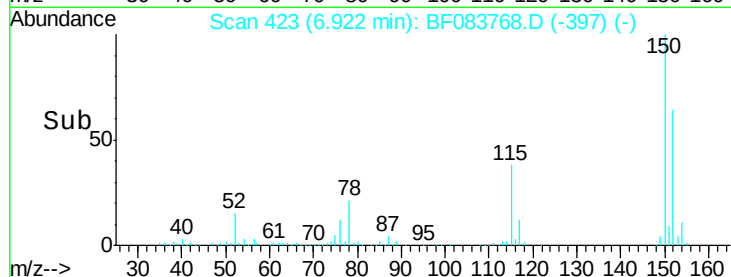
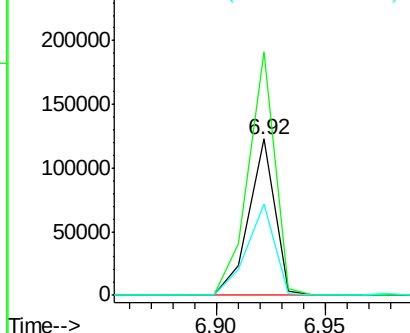
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF083768.D
 Acq: 14 Dec 2015 9:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-0.16)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.5	189.7
115	58.9	52.3	78.5



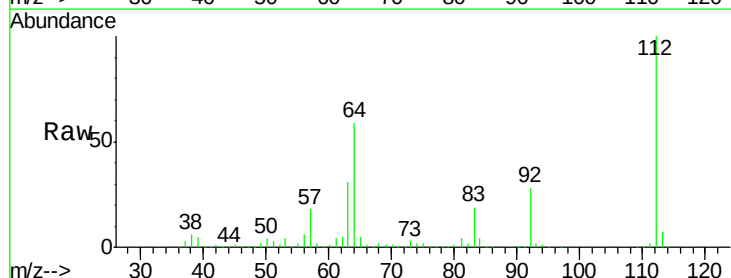
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



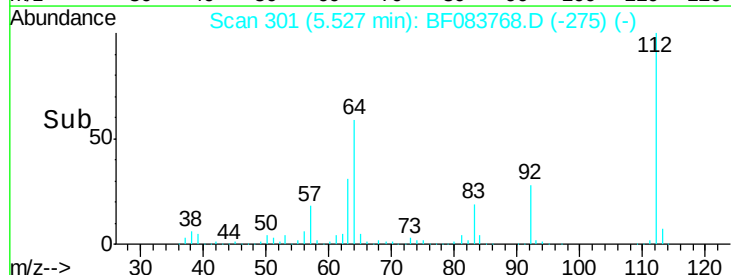
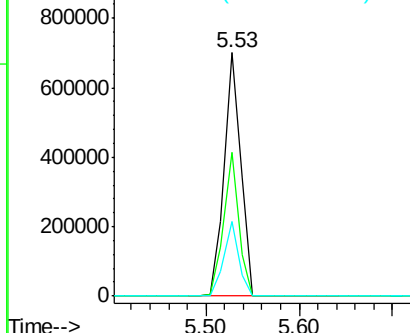
#5

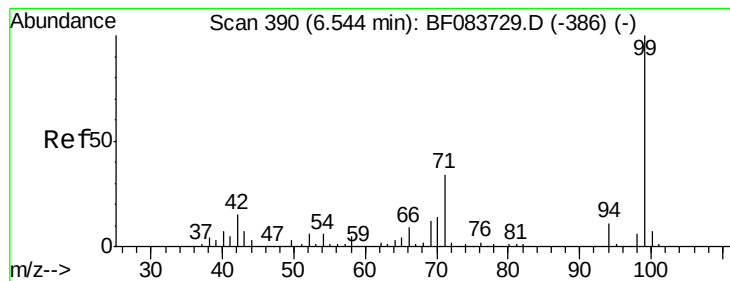
2-Fluorophenol
 Concen: 136.39 ng
 RT: 5.53 min Scan# 301
 Delta R.T. 0.00 min
 Lab File: BF083768.D
 Acq: 14 Dec 2015 9:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	50.5	75.7
63	30.7	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: 143.79 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083768.D

Acq: 14 Dec 2015 9:45

Instrument :

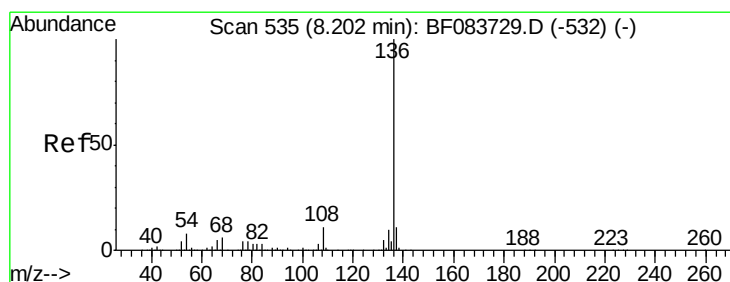
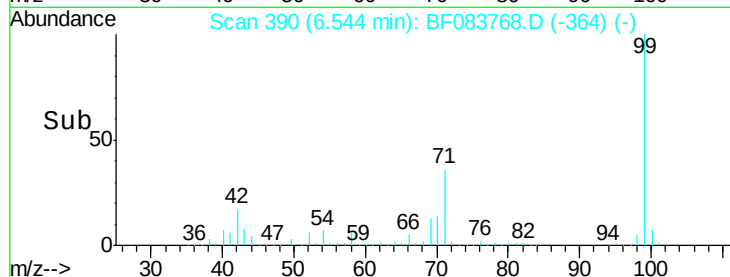
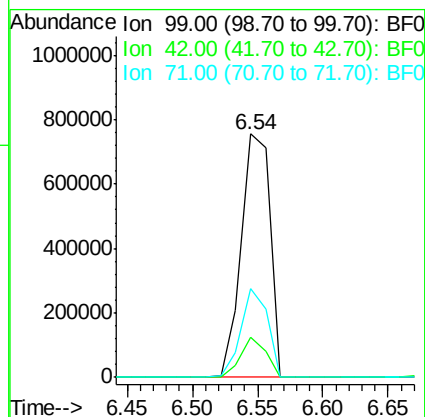
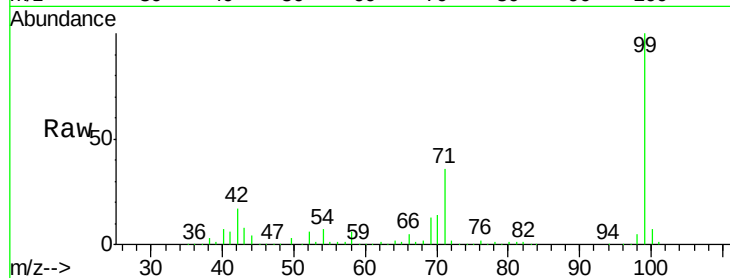
BNA_F

ClientSampleId :

SB-10(0-0.16)

Tot Ion: 99 Resp: 1157707

Ion	Ratio	Lower	Upper
99	100		
42	16.5	17.3	25.9#
71	36.3	26.6	40.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

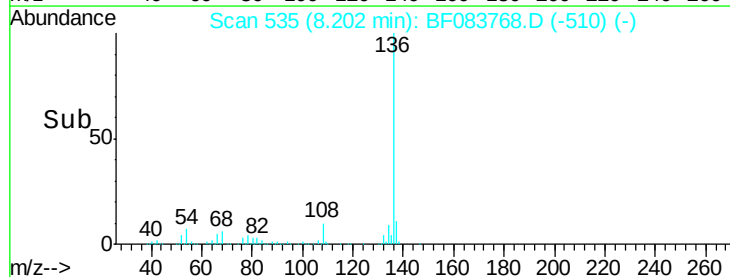
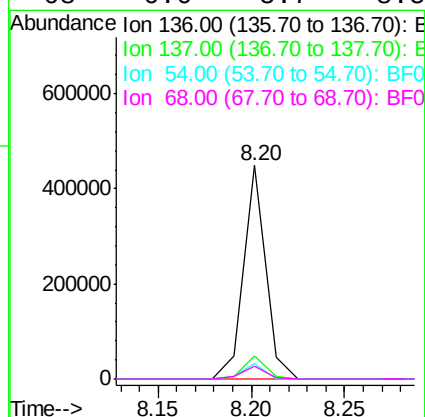
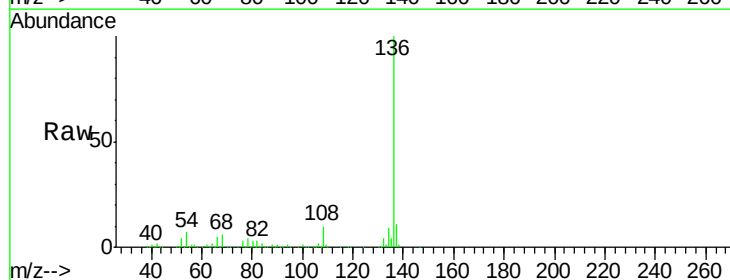
Delta R.T. -0.01 min

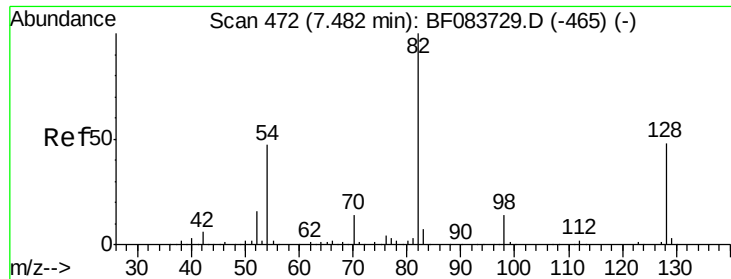
Lab File: BF083768.D

Acq: 14 Dec 2015 9:45

Tgt Ion: 136 Resp: 374145

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.5	7.8	11.6#
68	6.0	5.7	8.5

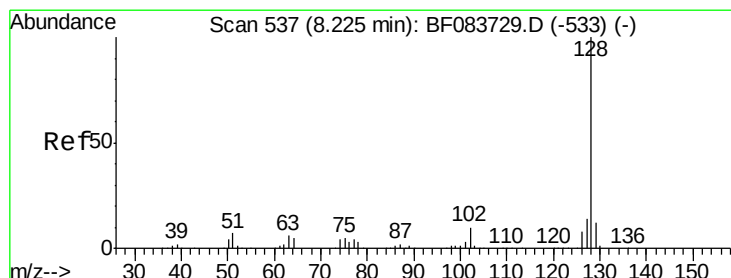
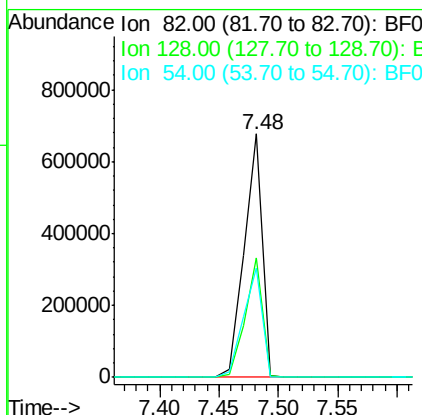
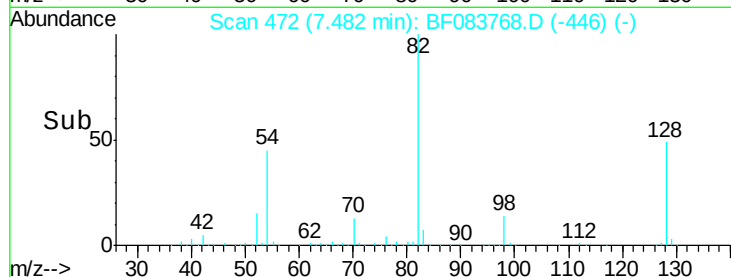
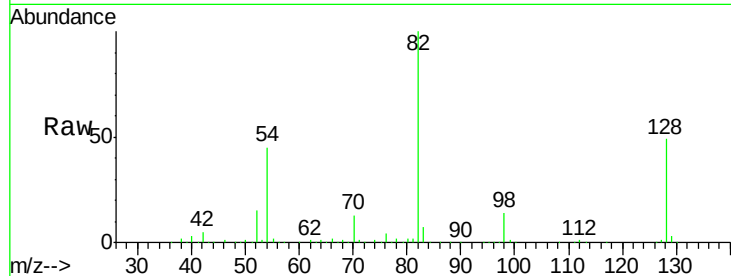




#23
 Nitrobenzene-d5
 Concen: 107.56 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083768.D
 Acq: 14 Dec 2015 9:45

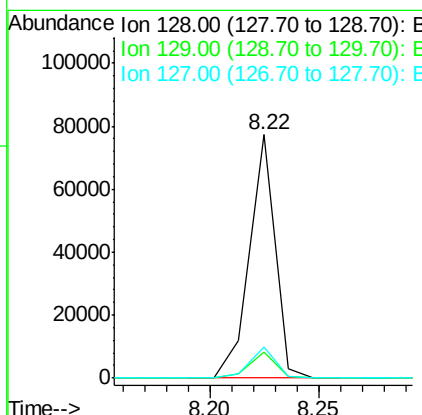
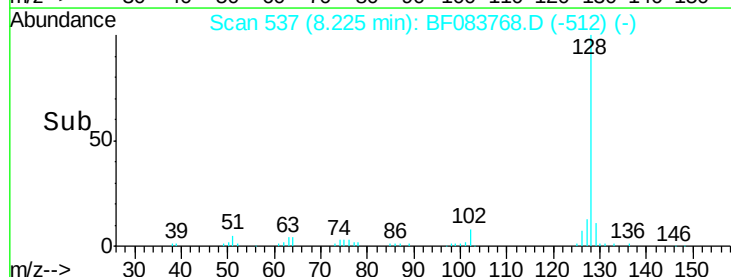
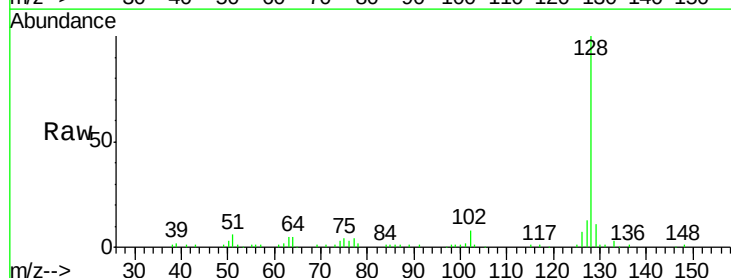
Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-0.16)

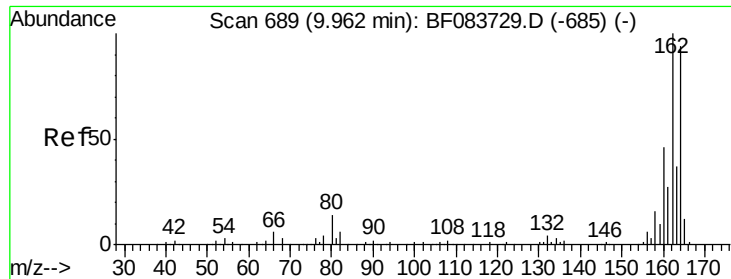
Tot Ion: 82 Resp: 719303
 Ion Ratio Lower Upper
 82 100
 128 48.8 30.7 46.1#
 54 45.0 42.5 63.7



#31
 Naphthalene
 Concen: 3.25 ng
 RT: 8.22 min Scan# 537
 Delta R.T. -0.01 min
 Lab File: BF083768.D
 Acq: 14 Dec 2015 9:45

Tgt Ion: 128 Resp: 63462
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.6 13.0
 127 12.5 10.6 16.0

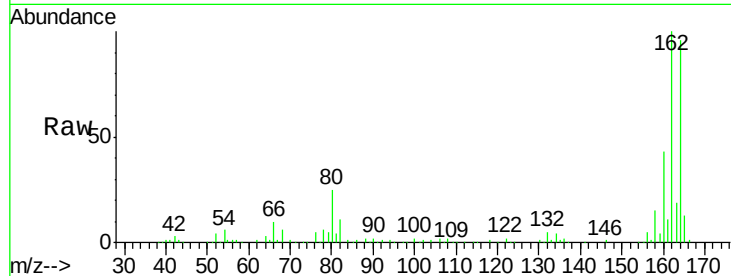




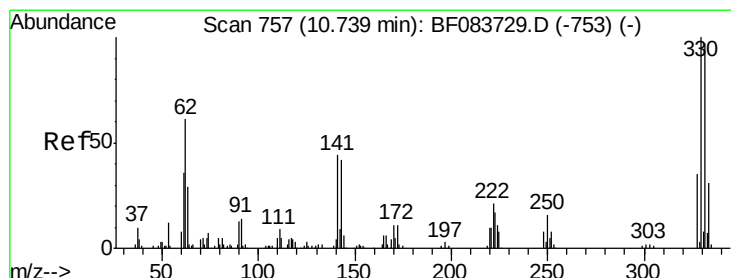
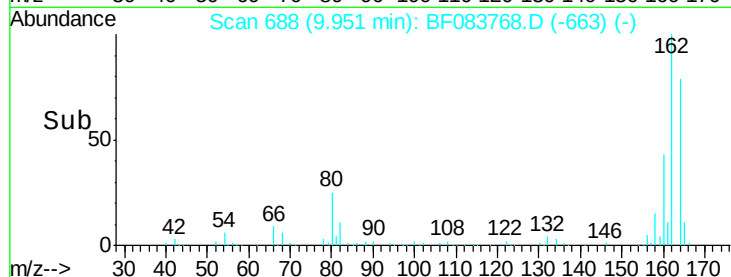
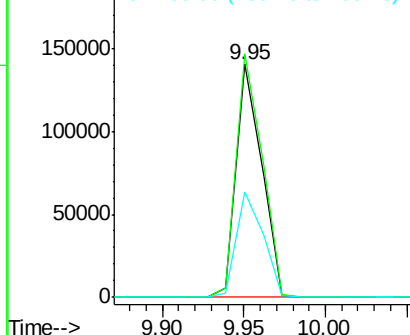
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083768.D
Acq: 14 Dec 2015 9:45

Instrument :
BNA_F
ClientSampleId :
SB-10(0-0.16)

Tot Ion:164 Resp: 151449
Ion Ratio Lower Upper
164 100
162 104.6 78.8 118.2
160 45.3 33.4 50.2

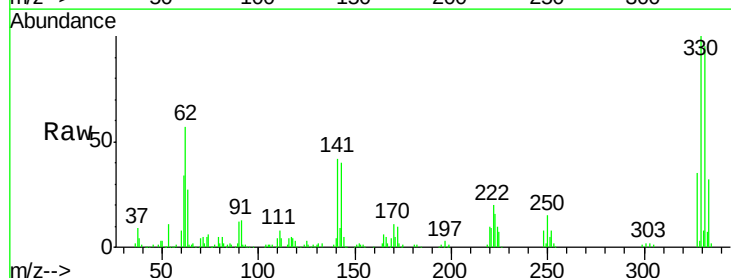


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

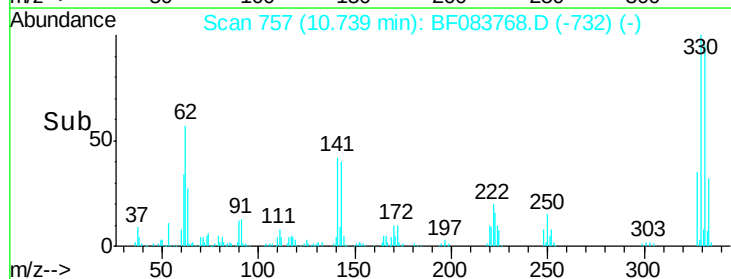
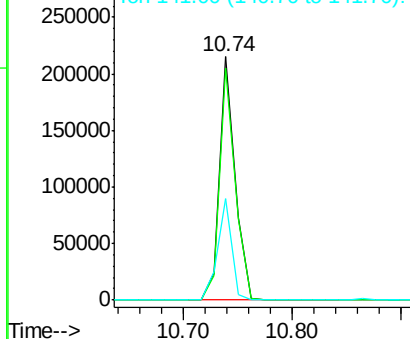


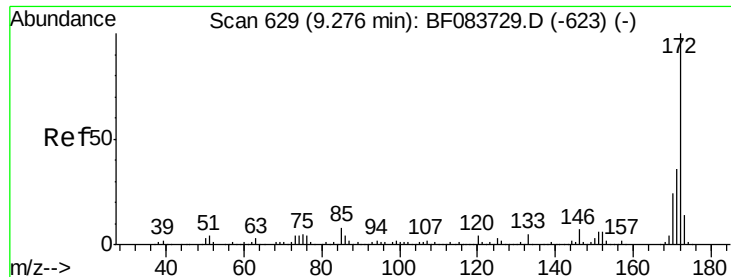
#41
2,4,6-Tribromophenol
Concen: 140.36 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF083768.D
Acq: 14 Dec 2015 9:45

Tgt Ion:330 Resp: 216615
Ion Ratio Lower Upper
330 100
332 96.3 0.0 0.0#
141 39.4 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

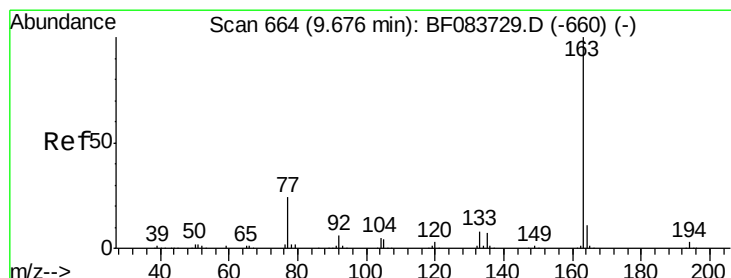
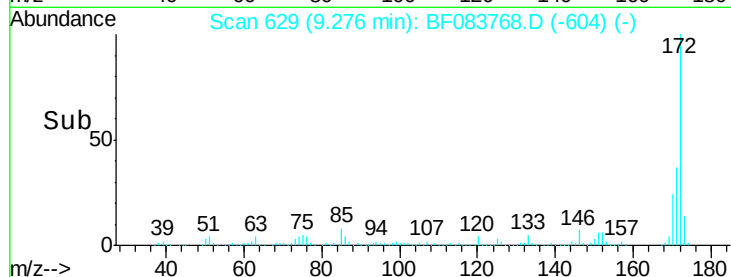
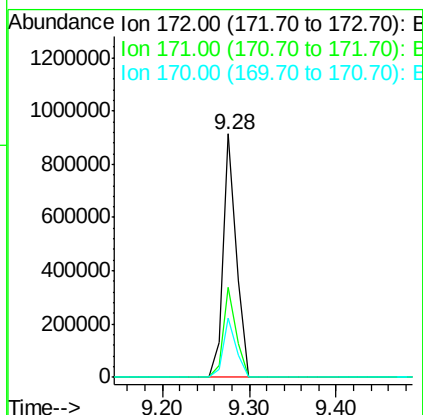
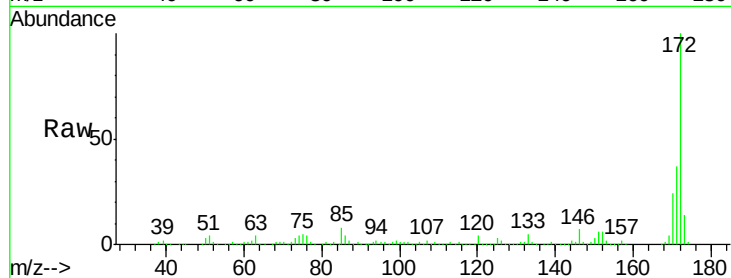




#44
2-Fluorobiphenyl
Concen: 99.33 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF083768.D
Acq: 14 Dec 2015 9:45

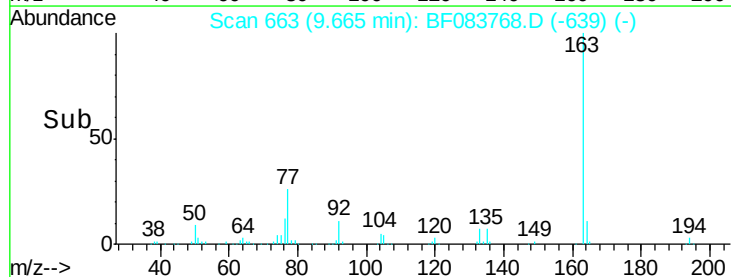
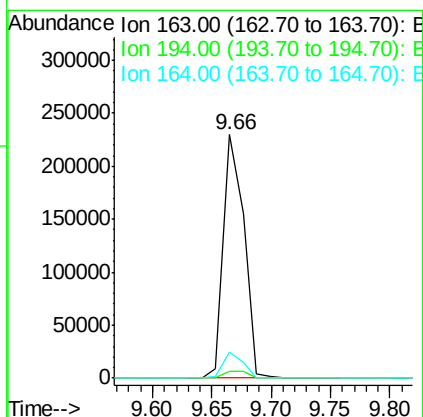
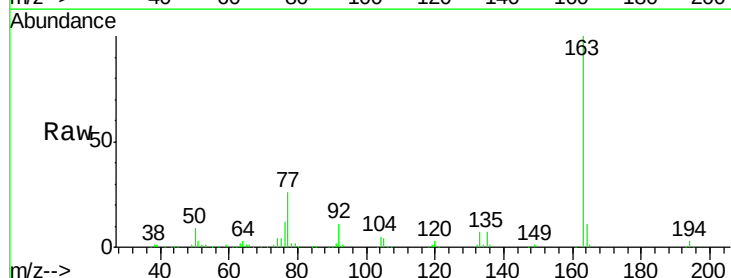
Instrument :
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SB-10(0-0.16)

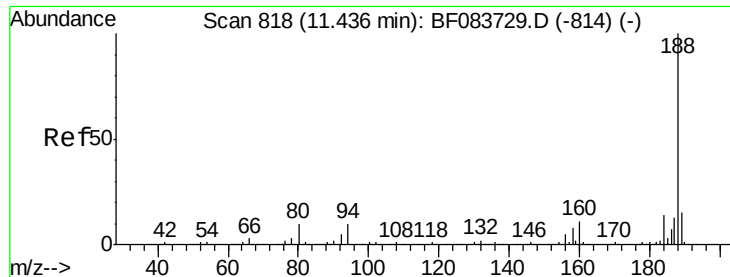
Tot Ion:172 Resp: 973178
Ion Ratio Lower Upper
172 100
171 37.0 28.6 42.8
170 24.1 19.4 29.0



#49
Dimethylphthalate
Concen: 23.23 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF083768.D
Acq: 14 Dec 2015 9:45

Tgt Ion:163 Resp: 274279
Ion Ratio Lower Upper
163 100
194 2.9 2.8 4.2
164 10.5 8.6 13.0

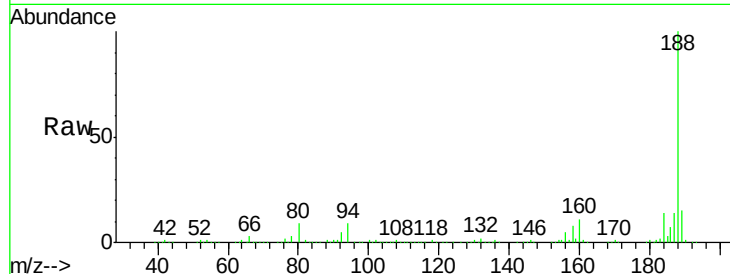




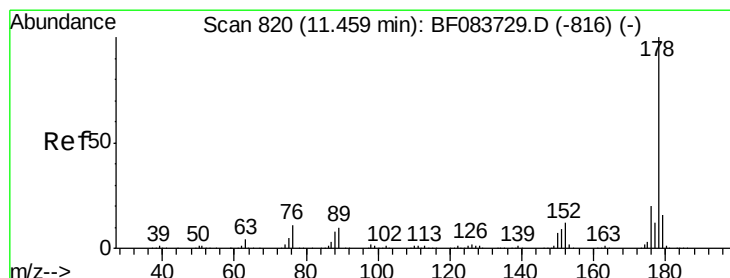
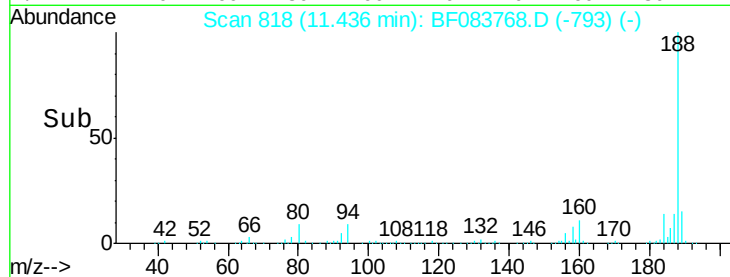
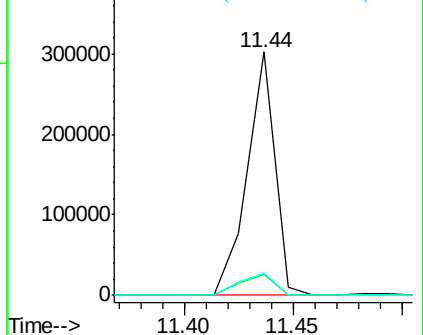
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083768.D
Acq: 14 Dec 2015 9:45

Instrument :
BNA_F
ClientSampleId :
SB-10(0-0.16)

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.4	14.2#
80	8.9	10.6	16.0#

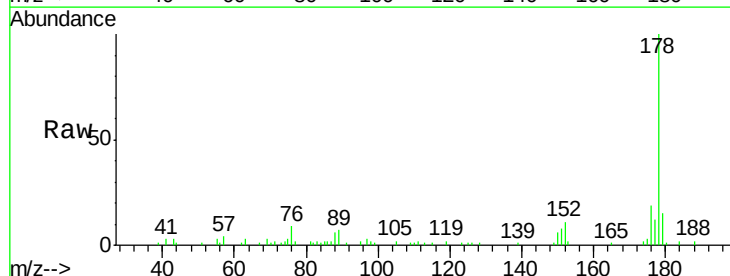


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

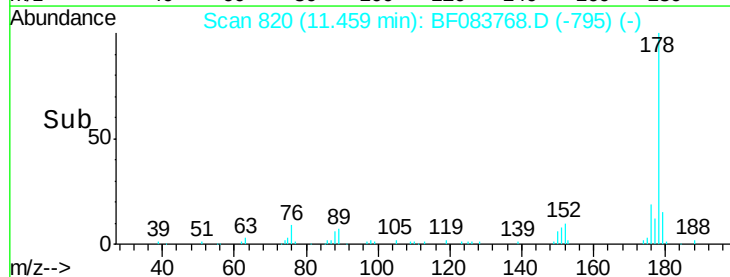
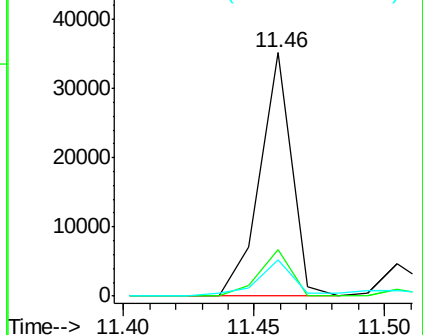


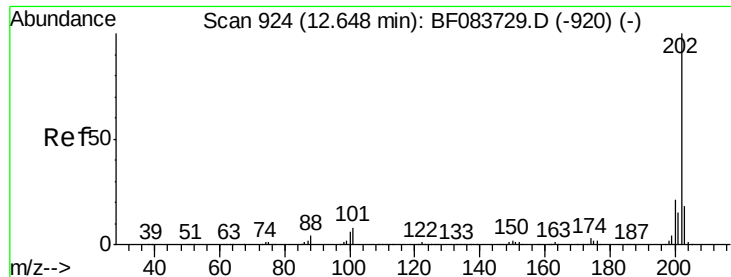
#70
Phenanthrene
Concen: 2.10 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF083768.D
Acq: 14 Dec 2015 9:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.0	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

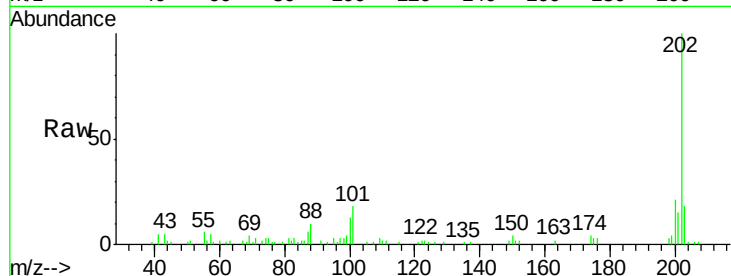




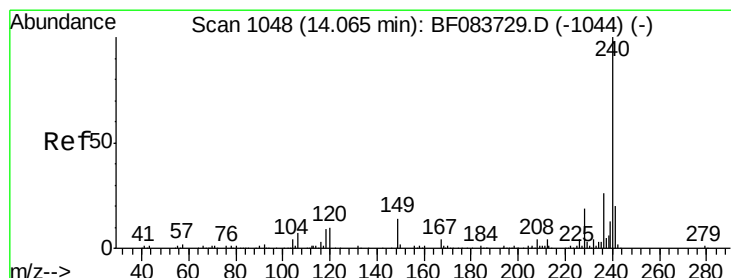
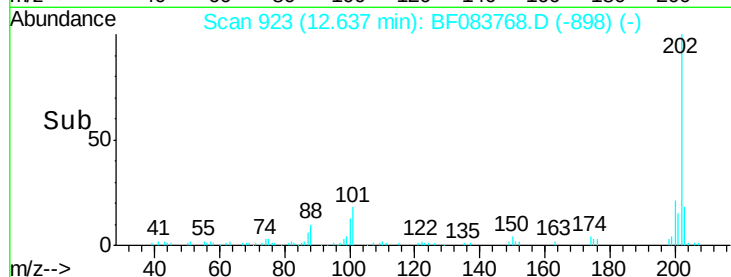
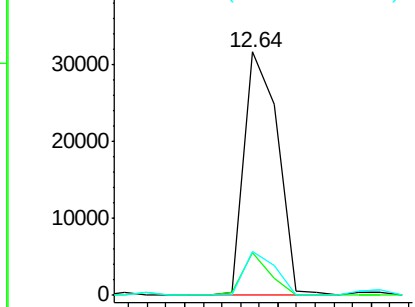
#74
Fluoranthene
Concen: 2.69 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF083768.D
Acq: 14 Dec 2015 9:45

Instrument :
BNA_F
ClientSampleId :
SB-10(0-0.16)

Tot Ion	Ratio	Lower	Upper
202	100		
101	17.6	0.0	31.5
203	17.8	0.0	37.6

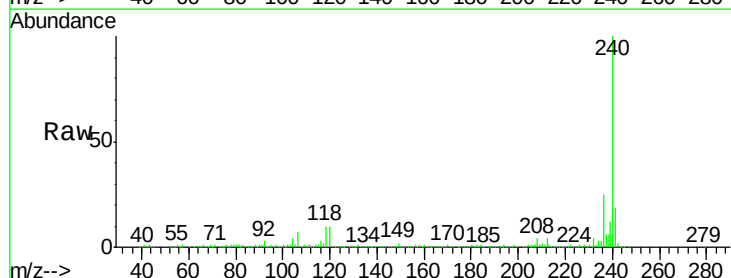


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

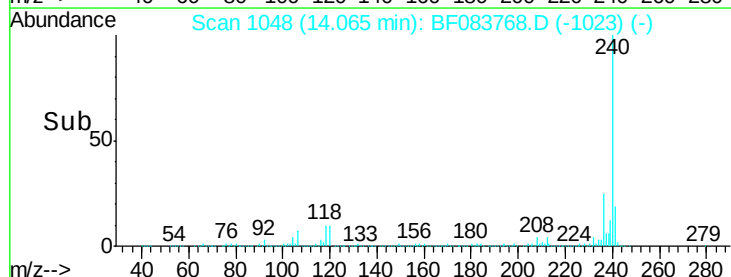
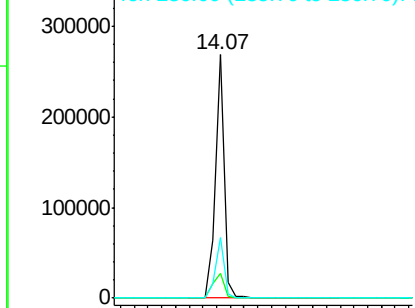


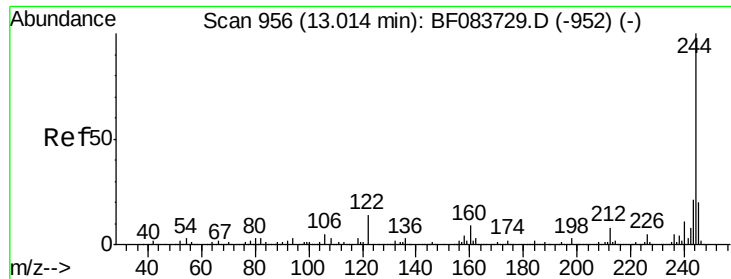
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF083768.D
Acq: 14 Dec 2015 9:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.1	12.1
236	25.0	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

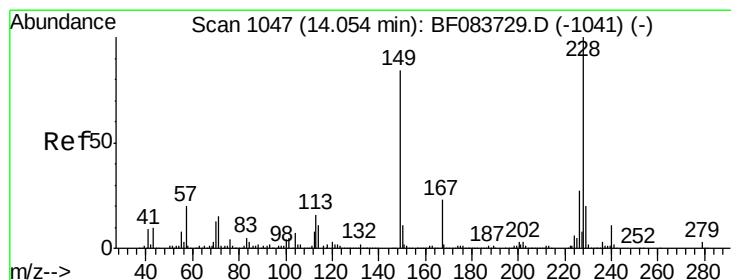
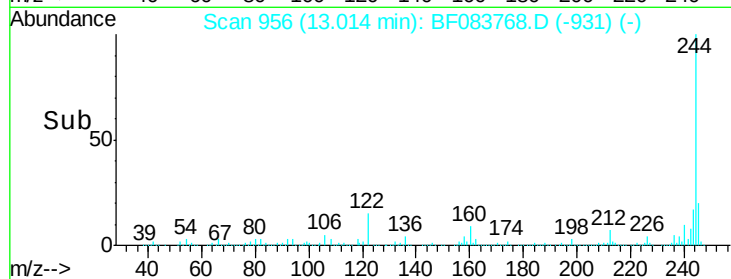
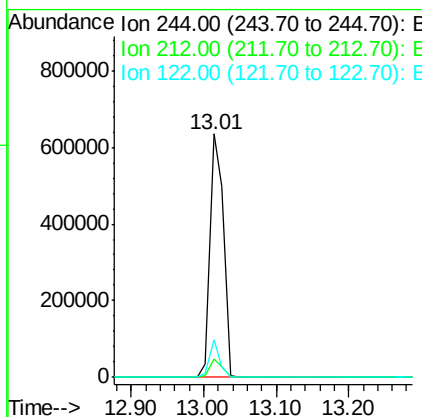
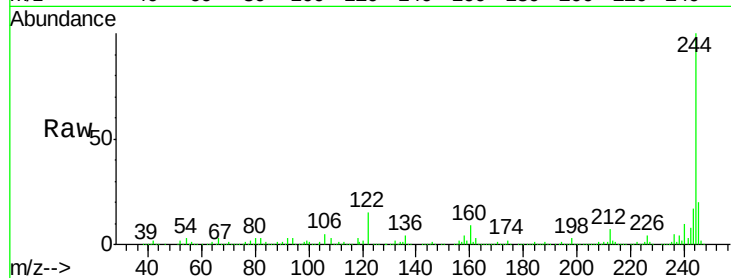




#78
 Terphenyl-d14
 Concen: 70.86 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF083768.D
 Acq: 14 Dec 2015 9:45

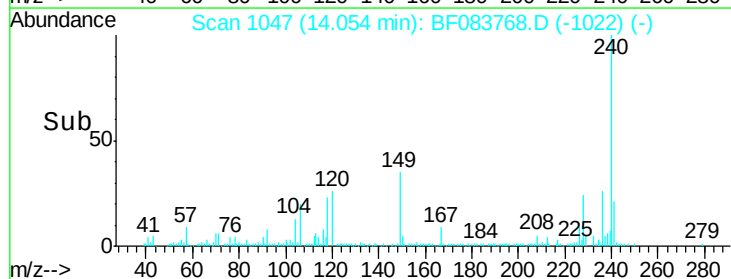
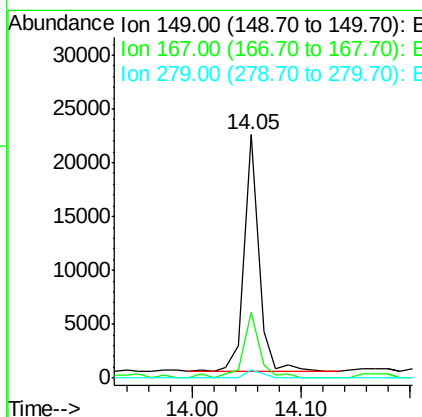
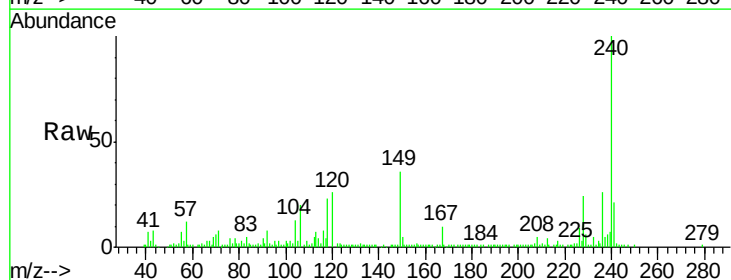
Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-0.16)

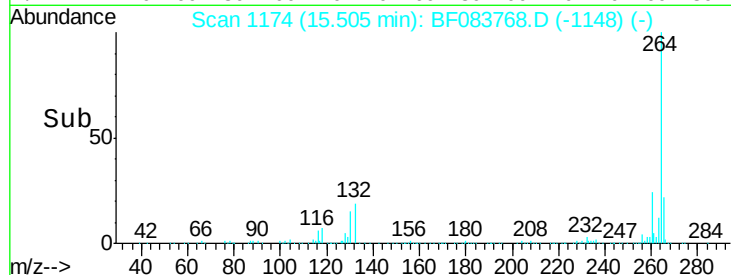
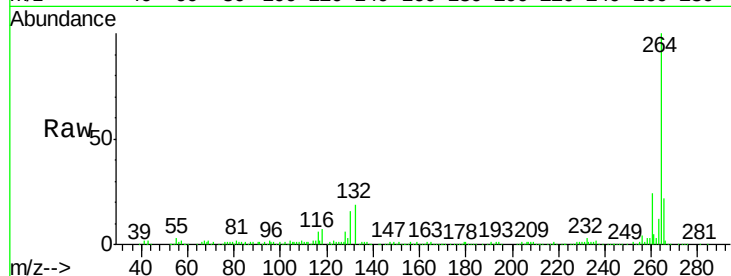
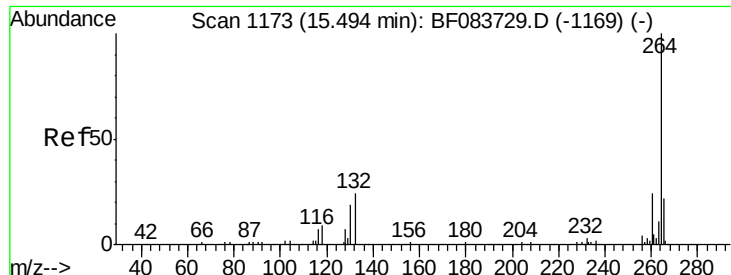
Tot Ion:244 Resp: 809873
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 15.5 11.0 16.6



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.18 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF083768.D
 Acq: 14 Dec 2015 9:45

Tgt Ion:149 Resp: 20647
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.8 32.8
 279 3.4 3.0 4.4





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF083768.D
 Acq: 14 Dec 2015 9:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-0.16)

Tot Ion:264	Resp:	192046
Ion Ratio	Lower	Upper
264	100	
260	24.1	19.4 29.0
265	21.6	17.8 26.6

