

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
 Data File : BF083778.D
 Acq On : 14 Dec 2015 19:33
 Operator : UM/IZ
 Sample : PB87254TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87254TB

Quant Time: Dec 15 02:35:02 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	6.90	152	116409	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	440271	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	229884	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	409724	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	391922	20.00	ng	-0.03
86) Perylene-d12	15.48	264	319454	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	840908	116.54	ng	-0.01
7) Phenol-d6	6.53	99	1062962	116.32	ng	-0.01
23) Nitrobenzene-d5	7.46	82	632390	80.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	293757	125.40	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1226795	75.64	ng	-0.02
78) Terphenyl-d14	13.00	244	1090464	59.85	ng	-0.02

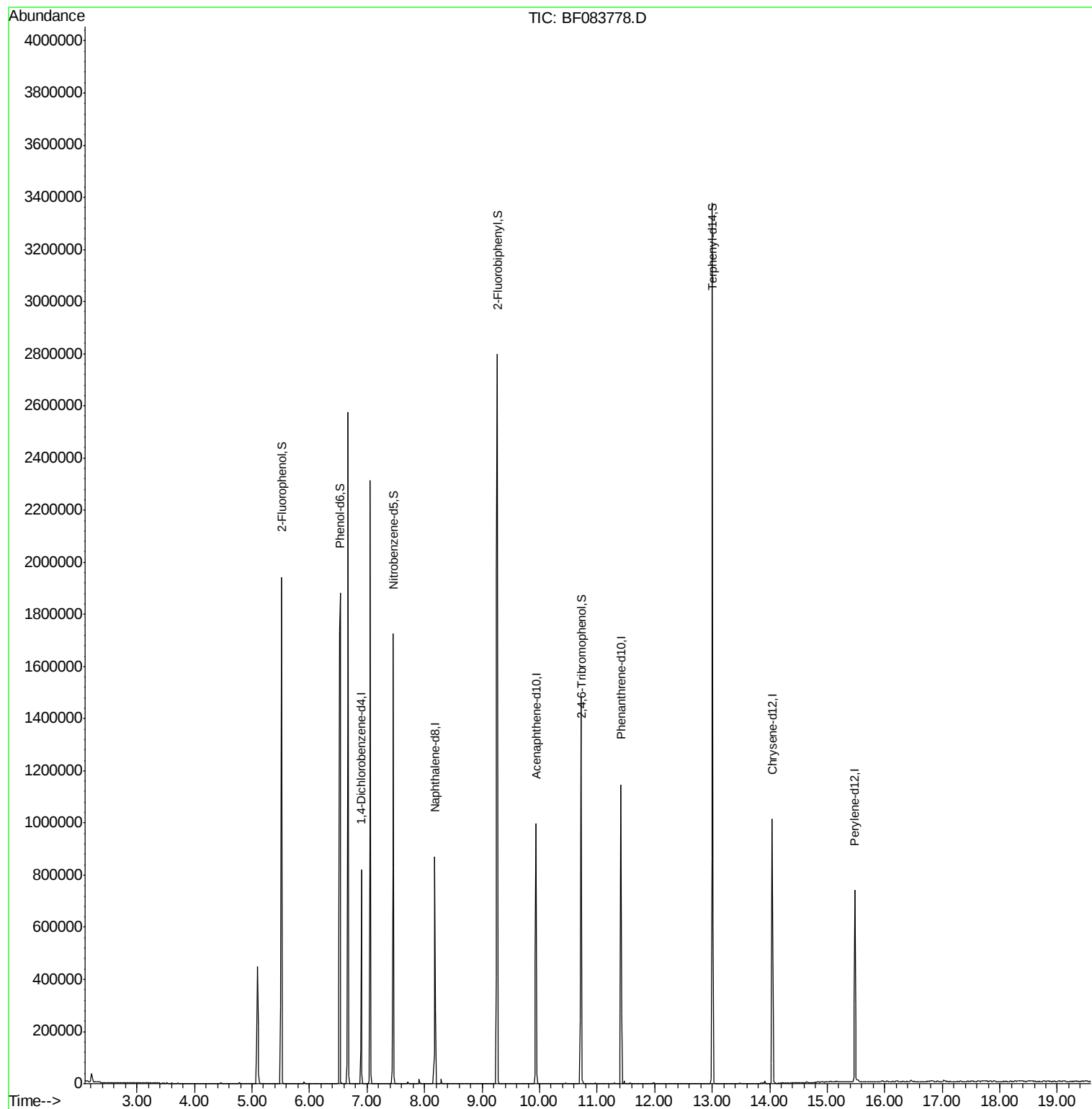
Target Compounds Qvalue

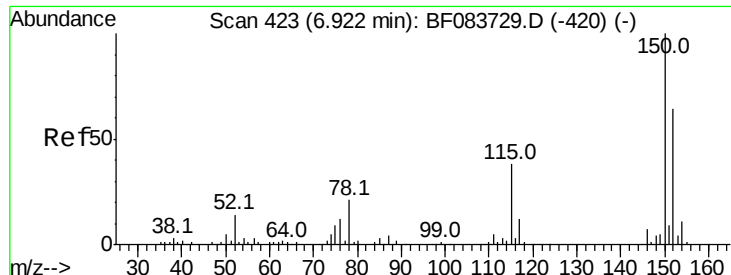
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083778.D

Acq: 14 Dec 2015 19:33

Instrument :

BNA_F

ClientSampleId :

PB87254TB

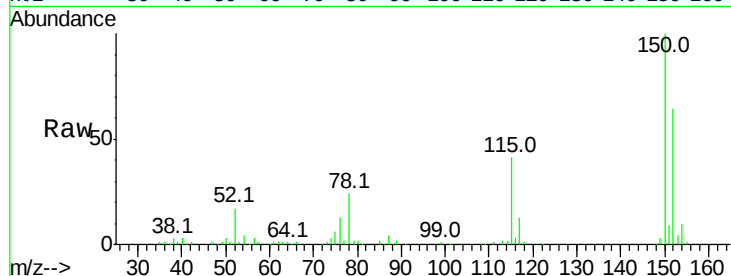
Tot Ion:152 Resp: 116409

Ion Ratio Lower Upper

152 100

150 157.0 126.5 189.7

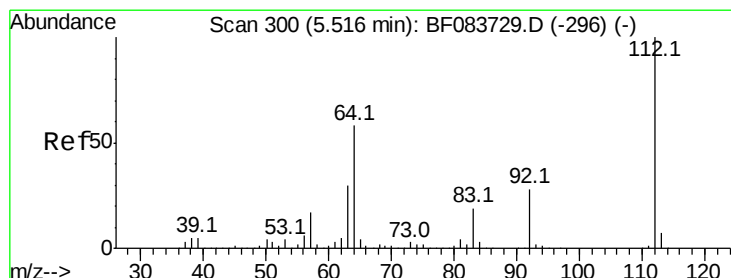
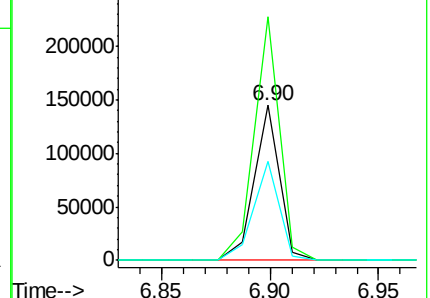
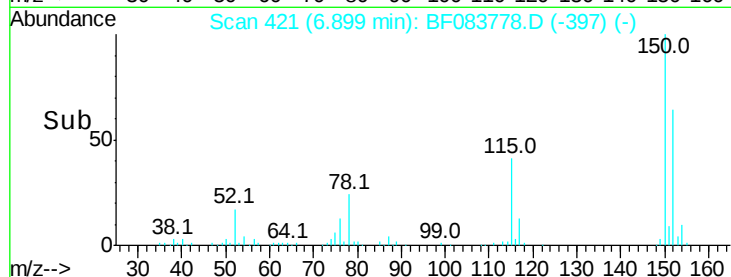
115 63.8 52.3 78.5



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: 116.54 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083778.D

Acq: 14 Dec 2015 19:33

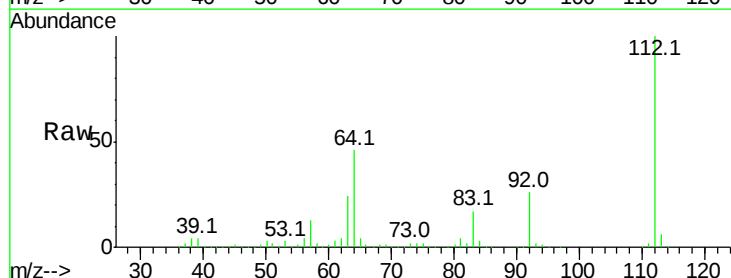
Tgt Ion:112 Resp: 840908

Ion Ratio Lower Upper

112 100

64 46.2 50.5 75.7#

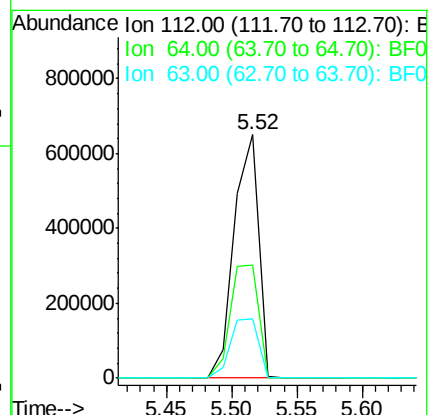
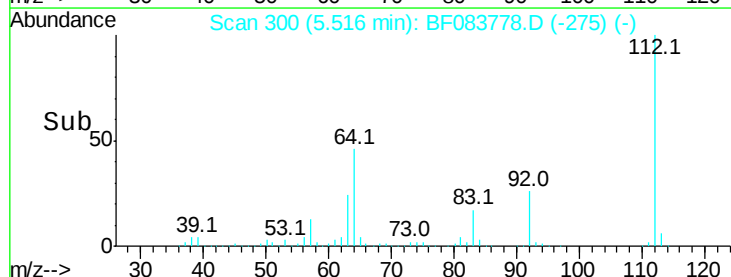
63 24.2 25.8 38.6#

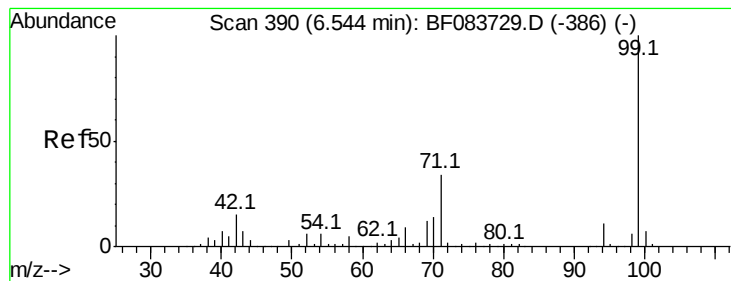


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.32 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083778.D

Acq: 14 Dec 2015 19:33

Instrument :

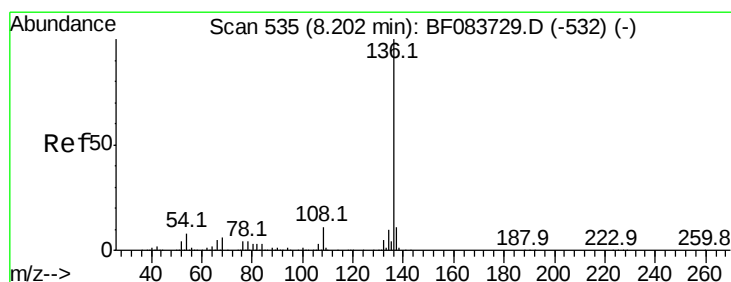
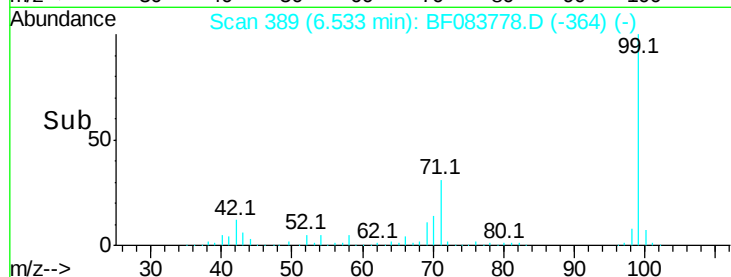
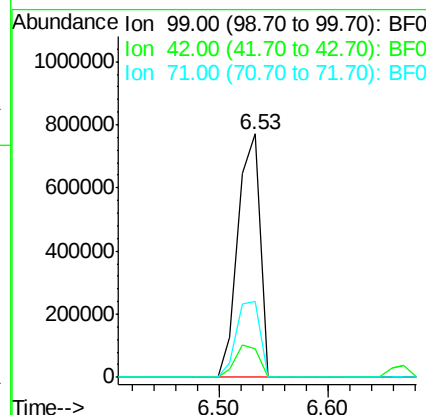
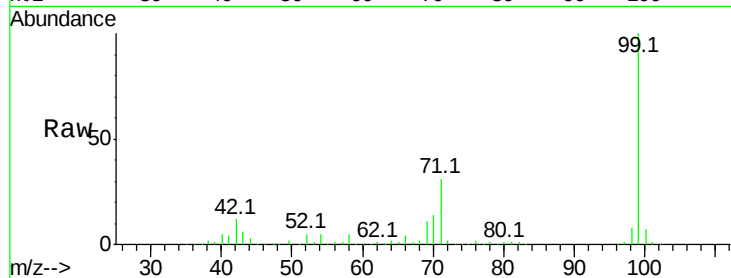
BNA_F

ClientSampled :

PB87254TB

Tot Ion: 99 Resp: 1062962

Ion	Ratio	Lower	Upper
99	100		
42	11.6	17.3	25.9#
71	31.0	26.6	40.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

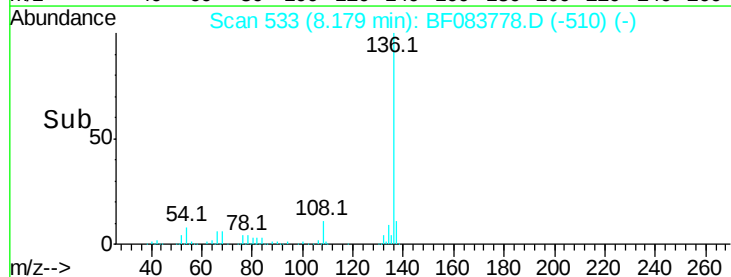
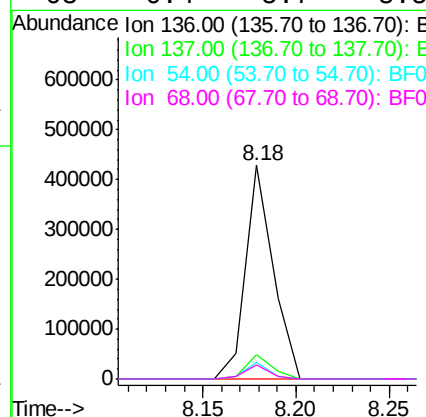
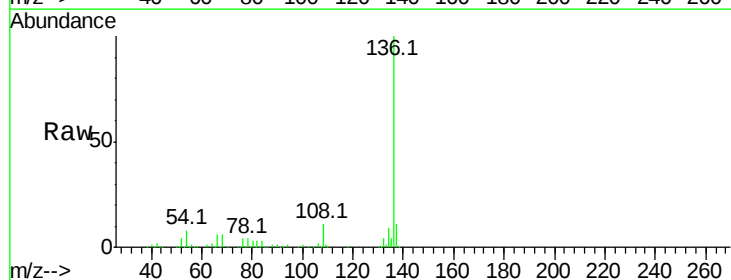
Delta R.T. -0.03 min

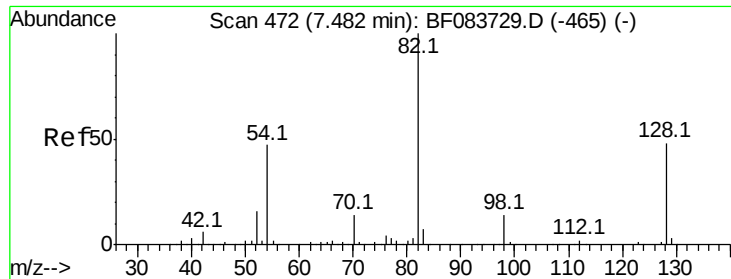
Lab File: BF083778.D

Acq: 14 Dec 2015 19:33

Tgt Ion: 136 Resp: 440271

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	7.9	7.8	11.6
68	6.4	5.7	8.5





#23

Nitrobenzene-d5

Concen: 80.36 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF083778.D

Acq: 14 Dec 2015 19:33

Instrument :

BNA_F

ClientSampleId :

PB87254TB

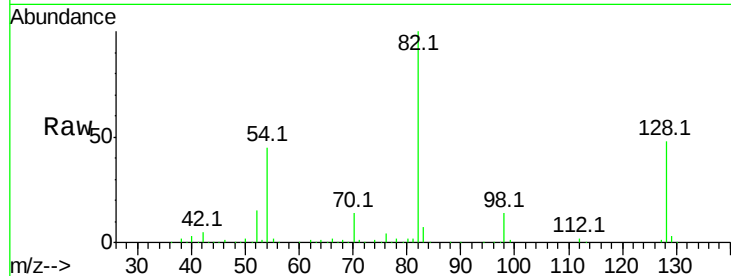
Tot Ion: 82 Resp: 632390

Ion Ratio Lower Upper

82 100

128 47.8 30.7 46.1#

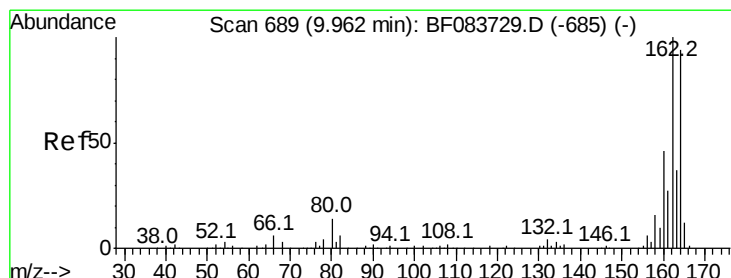
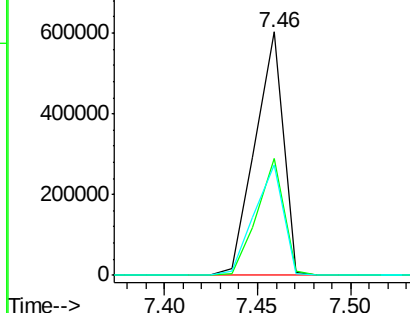
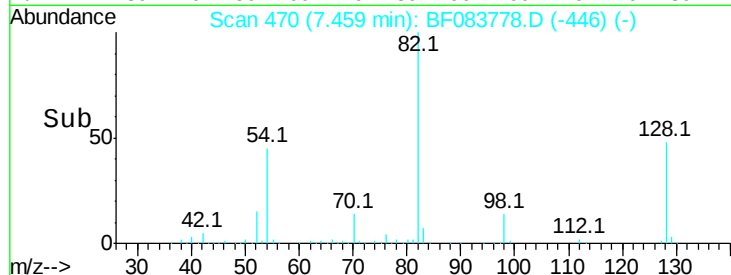
54 45.4 42.5 63.7



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: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF083778.D

Acq: 14 Dec 2015 19:33

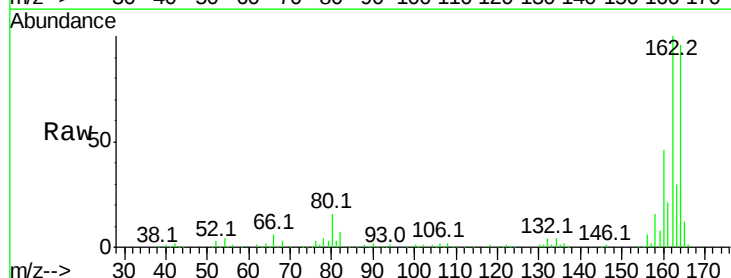
Tgt Ion: 164 Resp: 229884

Ion Ratio Lower Upper

164 100

162 104.2 78.8 118.2

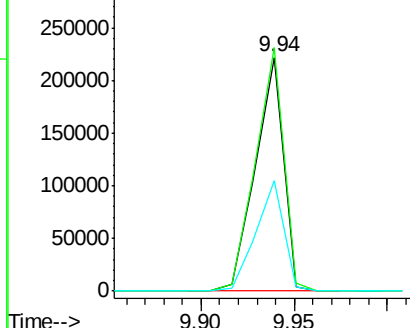
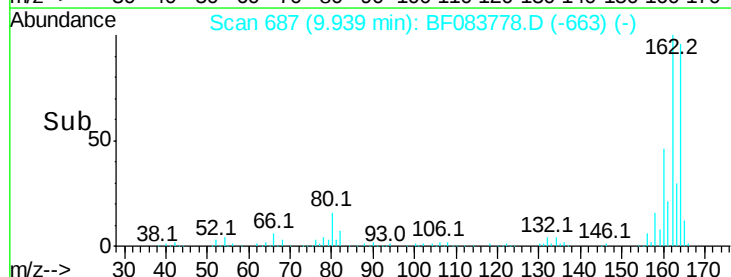
160 47.5 33.4 50.2

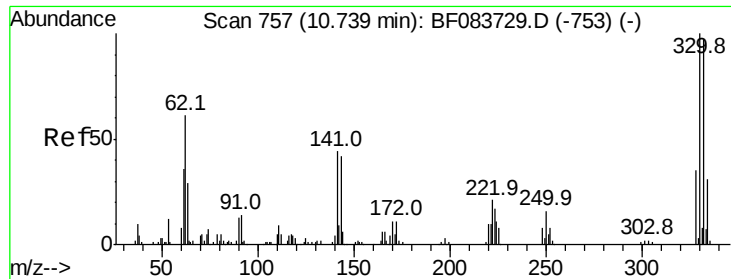


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

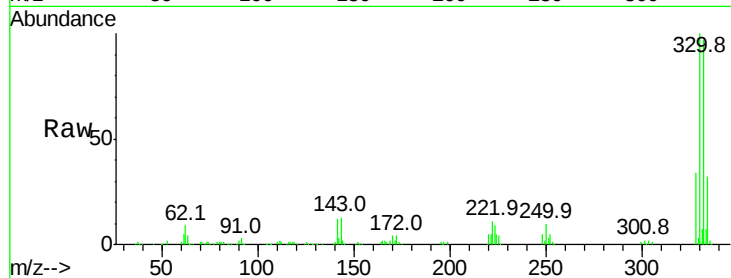




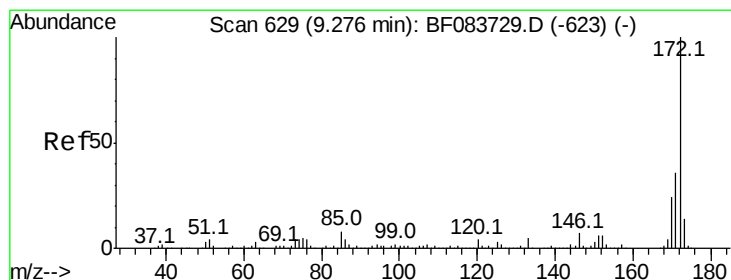
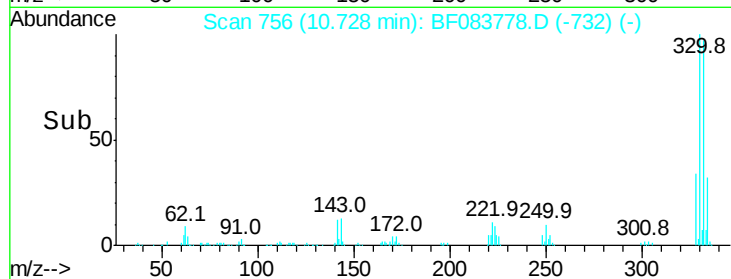
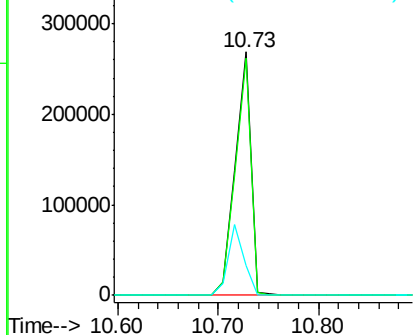
#41
 2,4,6-Tribromophenol
 Concen: 125.40 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083778.D
 Acq: 14 Dec 2015 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB87254TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	29.4	0.0	0.0#

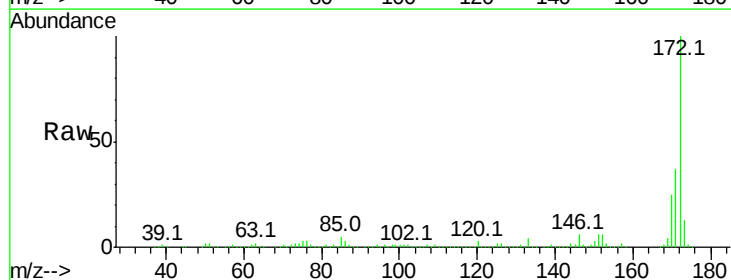


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

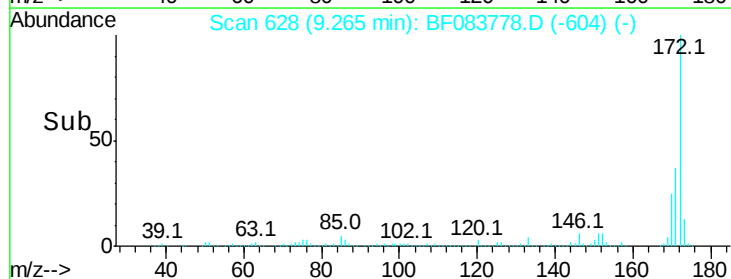
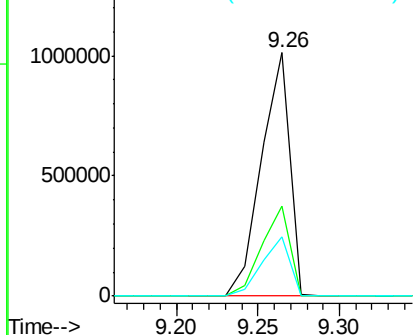


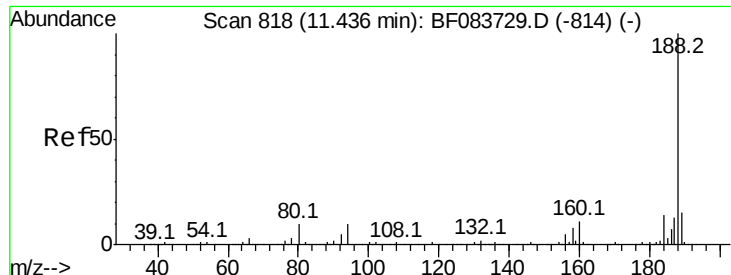
#44
 2-Fluorobiphenyl
 Concen: 75.64 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083778.D
 Acq: 14 Dec 2015 19:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	42.8
170	24.6	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

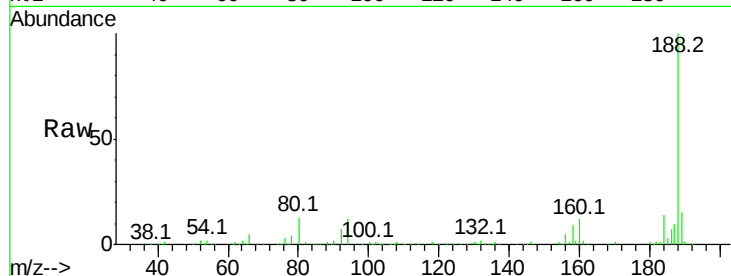




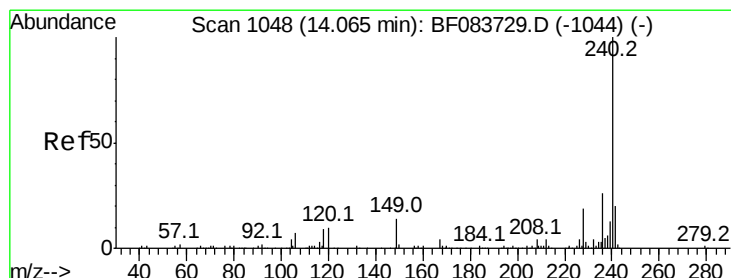
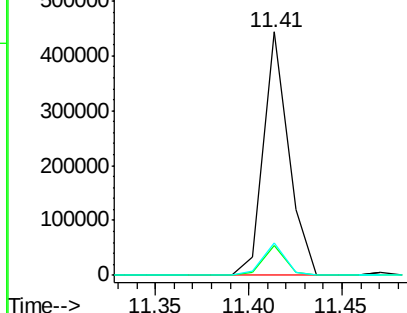
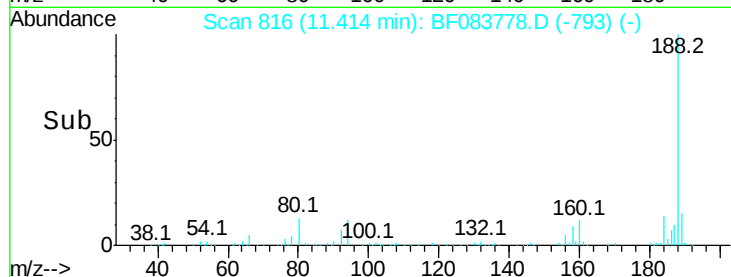
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083778.D
Acq: 14 Dec 2015 19:33

Instrument :
BNA_F
ClientSampleId :
PB87254TB

Tot Ion:188 Resp: 409724
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 13.4 10.6 16.0

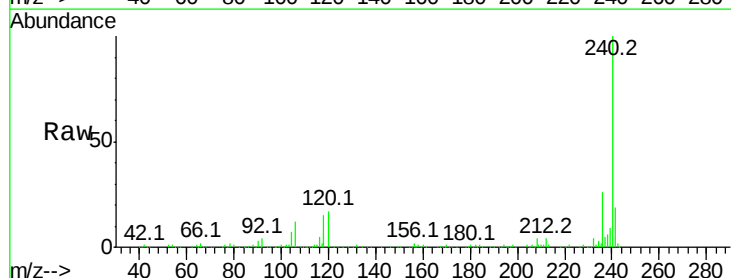


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

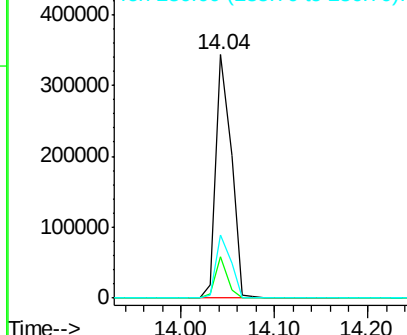
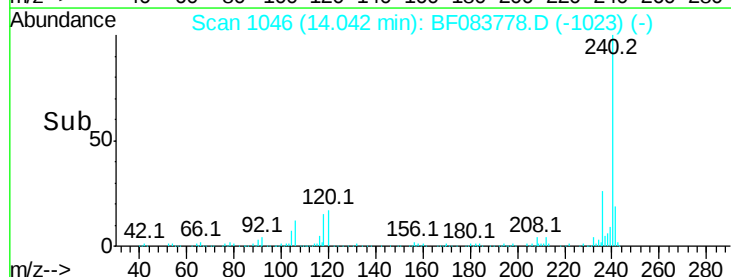


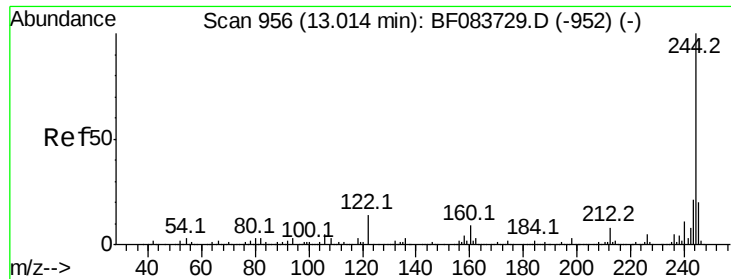
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF083778.D
Acq: 14 Dec 2015 19:33

Tgt Ion:240 Resp: 391922
Ion Ratio Lower Upper
240 100
120 16.8 8.1 12.1#
236 25.9 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

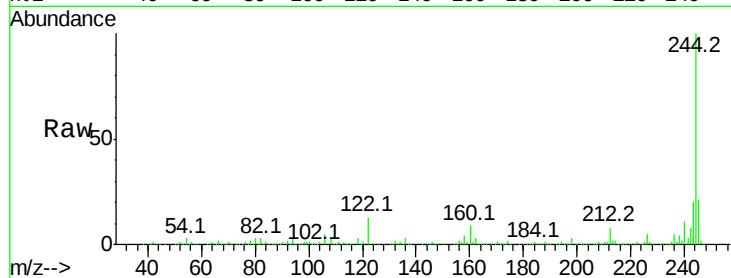




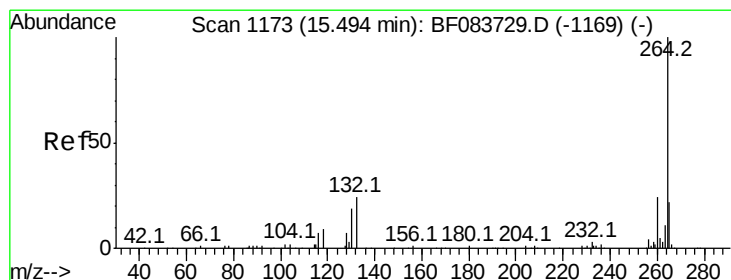
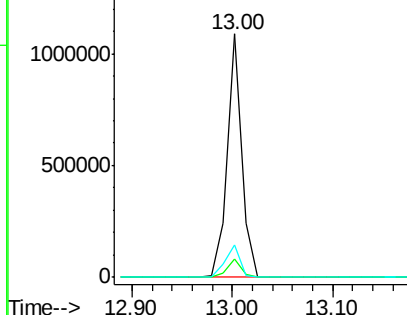
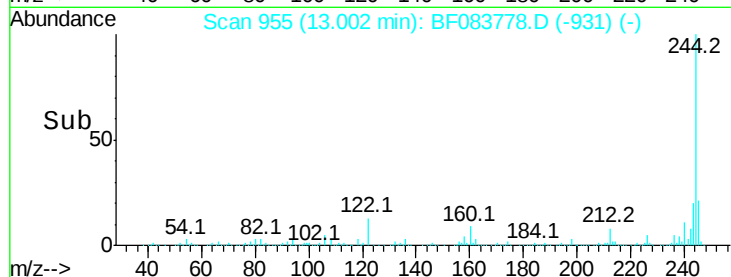
#78
 Terphenyl-d14
 Concen: 59.85 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083778.D
 Acq: 14 Dec 2015 19:33

Instrument :
 BNA_F
 ClientSampled :
 PB87254TB

Tot Ion:244 Resp: 1090464
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 13.2 11.0 16.6

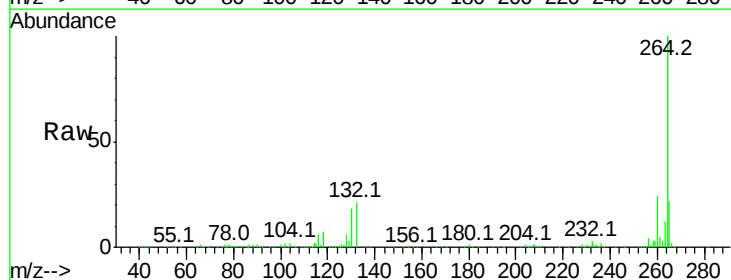


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083778.D
 Acq: 14 Dec 2015 19:33

Tgt Ion:264 Resp: 319454
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 21.5 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

