

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
 Data File : BF083080.D
 Acq On : 20 Nov 2015 14:25
 Operator : UM/IZ
 Sample : G4452-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-04

Quant Time: Nov 20 22:58:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

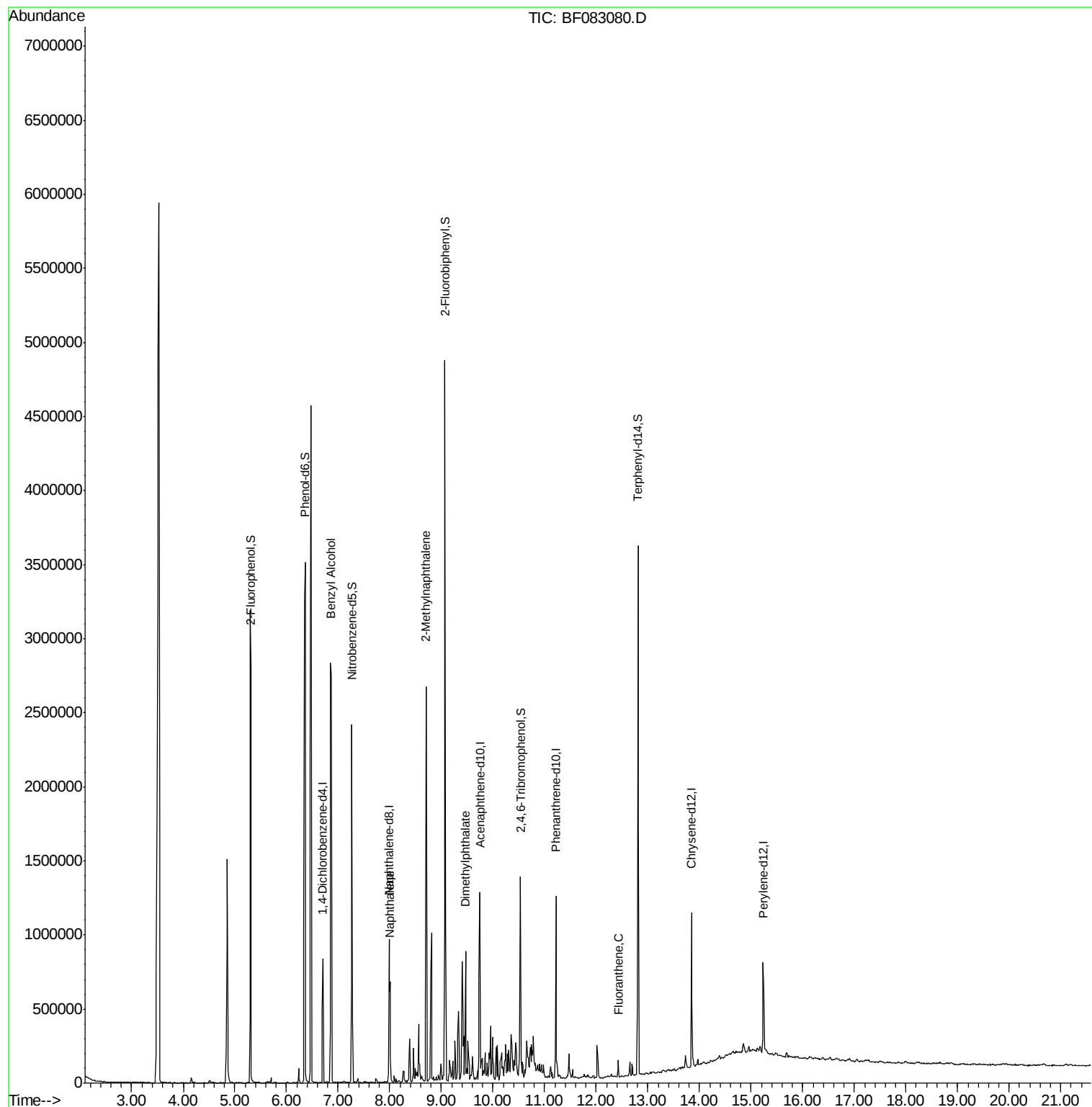
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	150393	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	524506	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	259172	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	409160	20.00	ng	0.00
75) Chrysene-d12	13.85	240	371761	20.00	ng	-0.01
86) Perylene-d12	15.23	264	318020	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1257102	129.83	ng	0.02
7) Phenol-d6	6.36	99	1778415	139.45	ng	0.01
23) Nitrobenzene-d5	7.26	82	849493	74.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	217530	79.05	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1575559	81.88	ng	-0.01
78) Terphenyl-d14	12.81	244	1329155	84.40	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.85	79	111112	10.59	ng	96
31) Naphthalene	8.01	128	279383	10.22	ng	99
37) 2-Methylnaphthalene	8.70	142	665606	36.58	ng	99
49) Dimethylphthalate	9.47	163	354611	16.62	ng	98
74) Fluoranthene	12.43	202	51821	2.01	ng	96

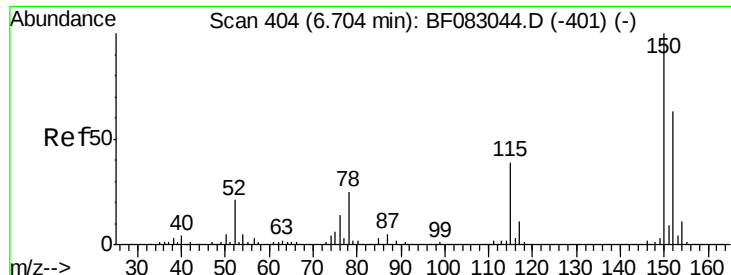
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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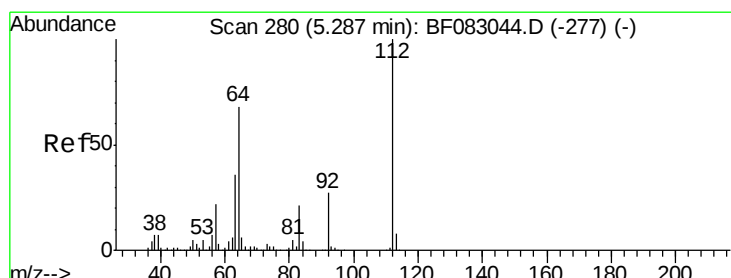
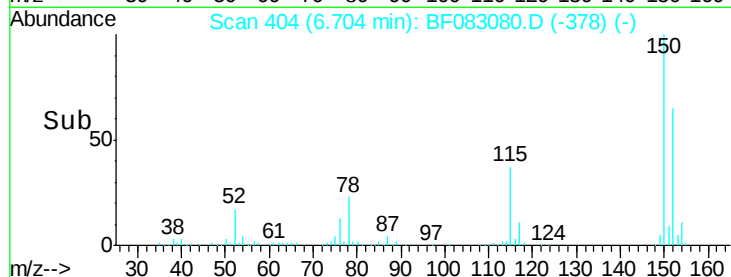
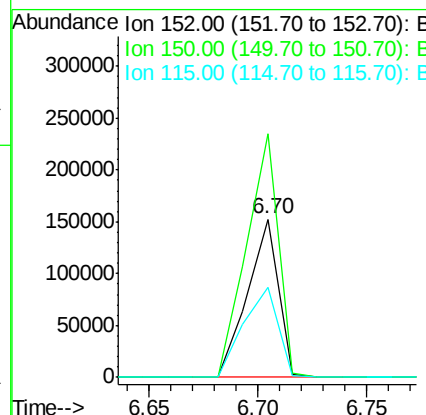
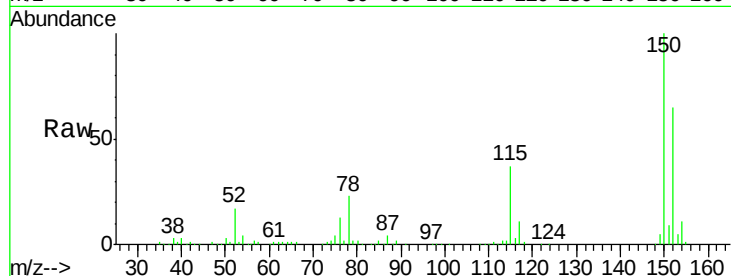




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF083080.D
 Acq: 20 Nov 2015 14:25

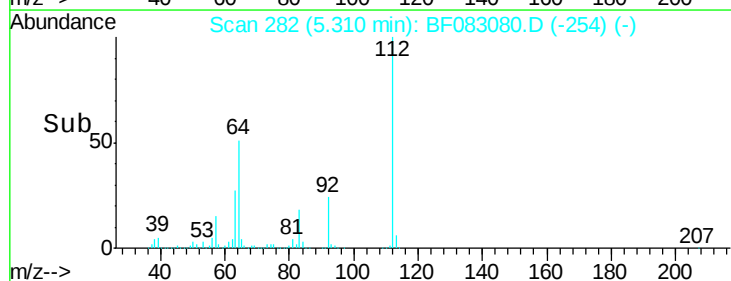
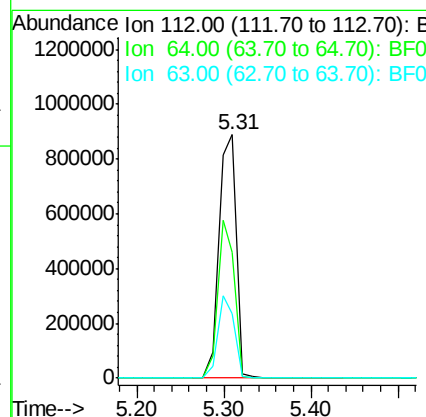
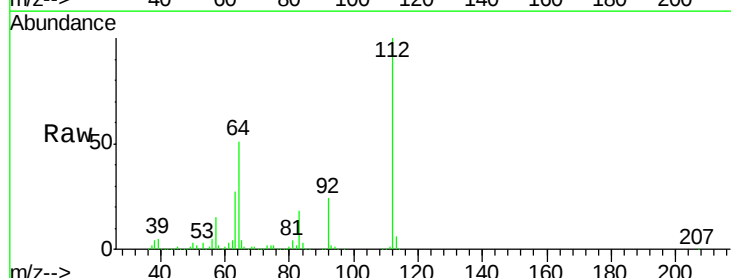
Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-04

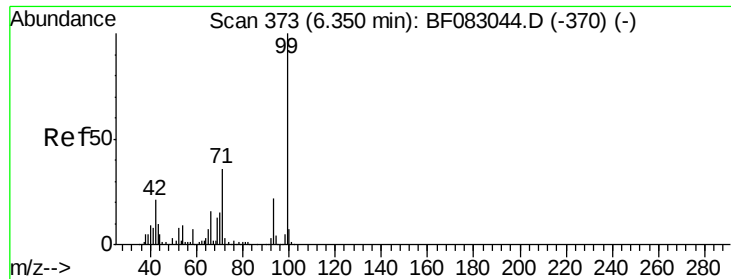
Tot Ion:152 Resp: 150393
 Ion Ratio Lower Upper
 152 100
 150 153.6 126.4 189.6
 115 56.4 49.0 73.6



#5
 2-Fluorophenol
 Concen: 129.83 ng
 RT: 5.31 min Scan# 282
 Delta R.T. 0.02 min
 Lab File: BF083080.D
 Acq: 20 Nov 2015 14:25

Tgt Ion:112 Resp: 1257102
 Ion Ratio Lower Upper
 112 100
 64 51.5 54.8 82.2#
 63 26.7 29.0 43.4#





#7

Phenol-d6

Concen: 139.45 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF083080.D

Acq: 20 Nov 2015 14:25

Instrument :

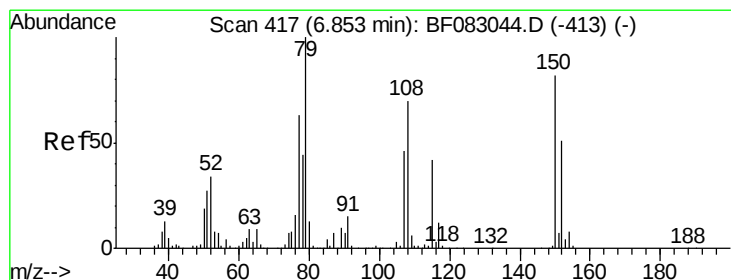
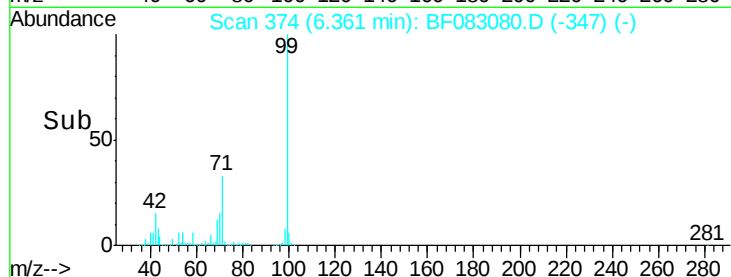
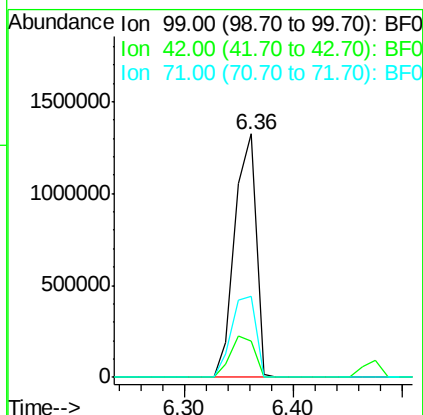
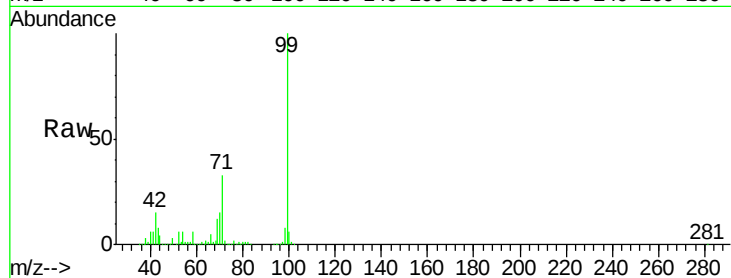
BNA_F

ClientSampleId :

RW-20151116-04

Tot Ion: 99 Resp: 1778415

Ion	Ratio	Lower	Upper
99	100		
42	15.1	16.6	25.0#
71	33.1	29.2	43.8



#15

Benzyl Alcohol

Concen: 10.59 ng

RT: 6.85 min Scan# 417

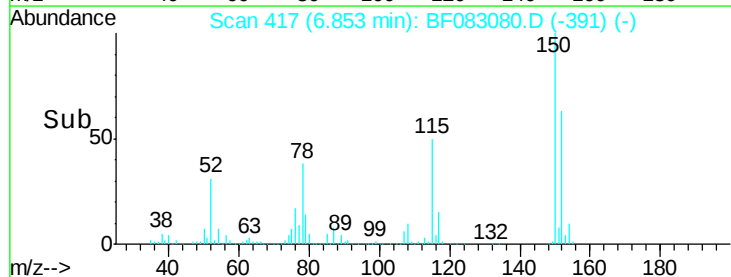
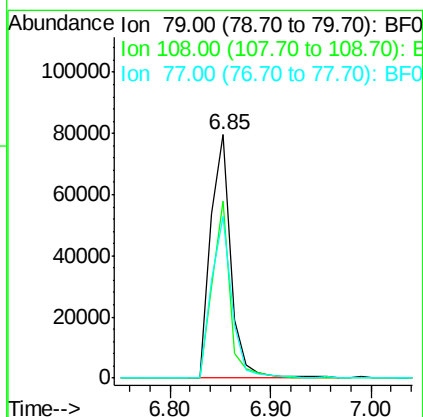
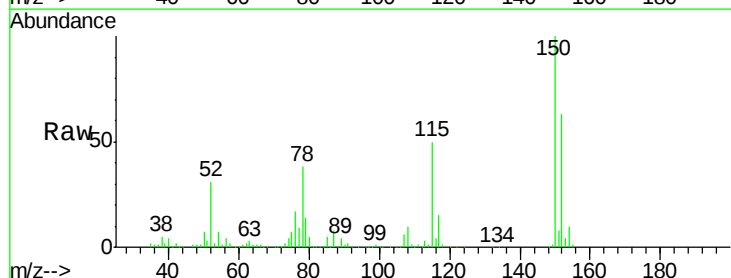
Delta R.T. 0.00 min

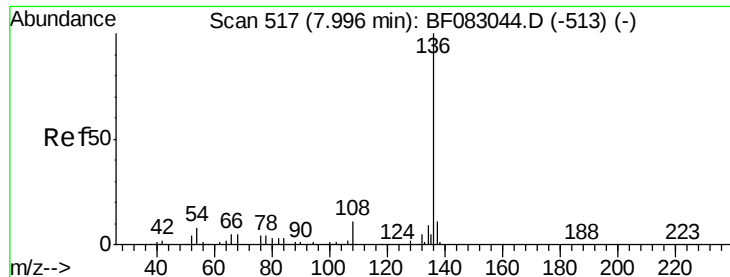
Lab File: BF083080.D

Acq: 20 Nov 2015 14:25

Tgt Ion: 79 Resp: 111112

Ion	Ratio	Lower	Upper
79	100		
108	73.0	55.7	83.5
77	66.3	50.7	76.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083080.D

Acq: 20 Nov 2015 14:25

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04

Tot Ion:136 Resp: 524506

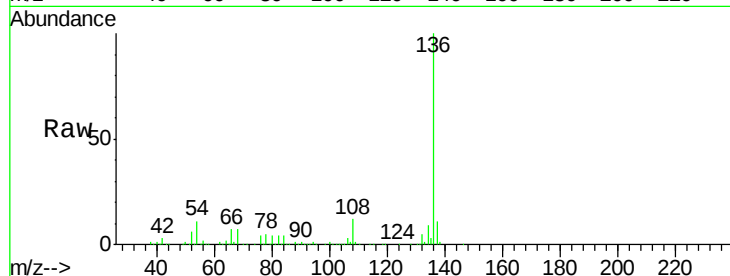
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 10.7 6.2 9.2#

68 7.3 4.2 6.2#

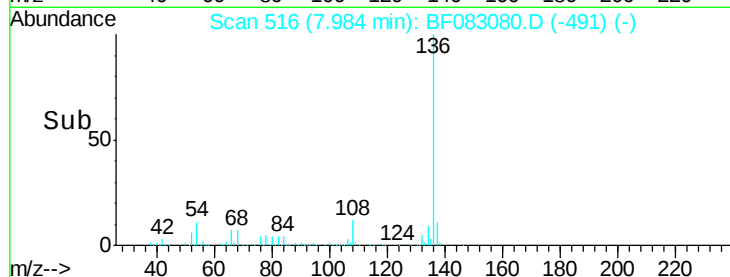


Abundance Ion 136.00 (135.70 to 136.70): E

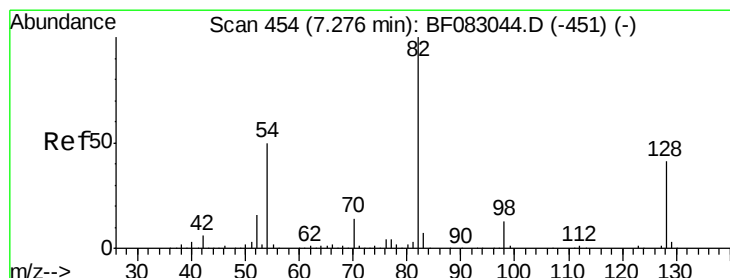
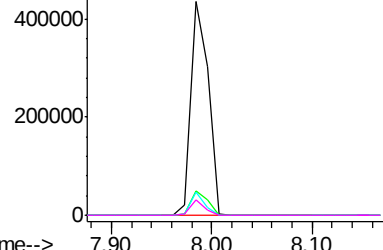
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 74.15 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF083080.D

Acq: 20 Nov 2015 14:25

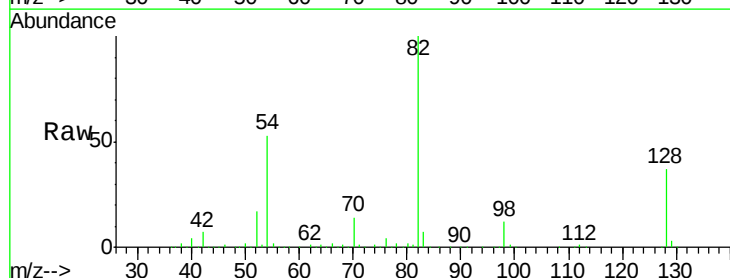
Tgt Ion: 82 Resp: 849493

Ion Ratio Lower Upper

82 100

128 36.5 33.1 49.7

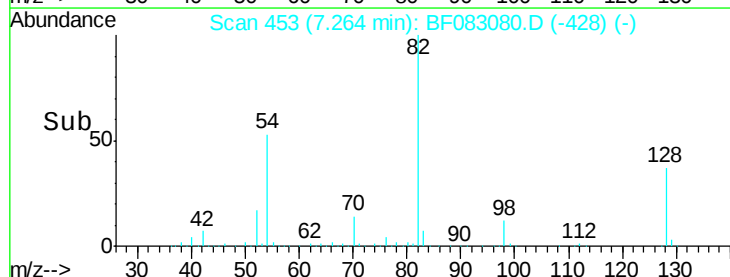
54 53.1 39.8 59.6



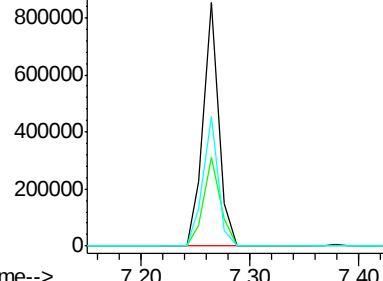
Abundance Ion 82.00 (81.70 to 82.70): BF0

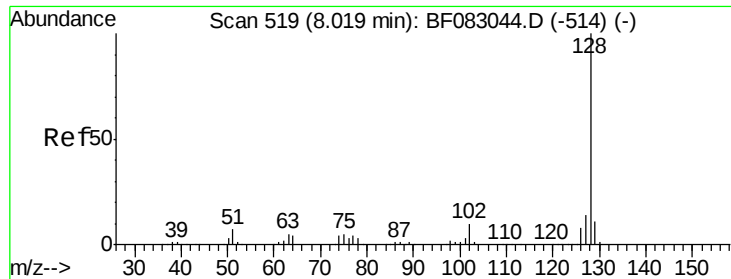
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

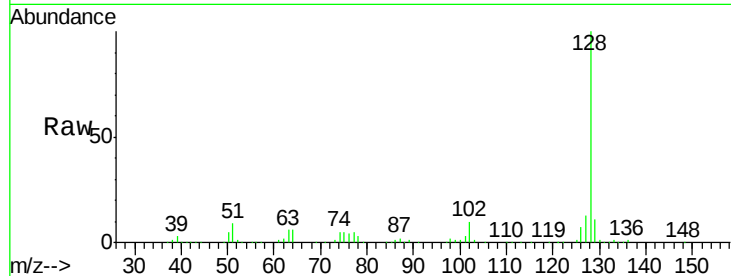




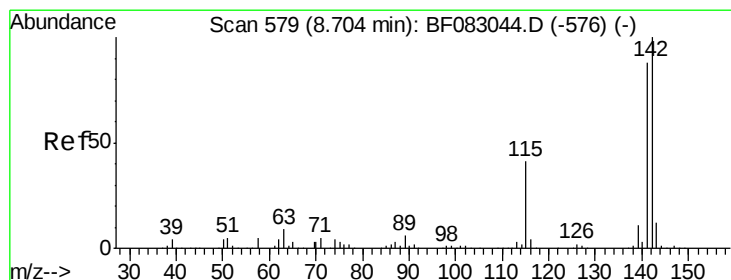
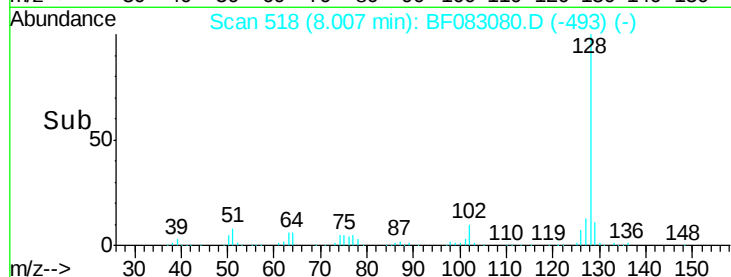
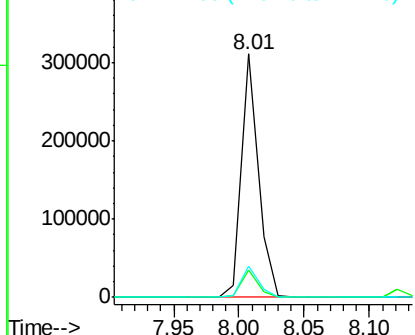
#31
Naphthalene
Concen: 10.22 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF083080.D
Acq: 20 Nov 2015 14:25

Instrument :
BNA_F
ClientSampleId :
RW-20151116-04

Tot Ion:128 Resp: 279383
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 12.9 10.9 16.3

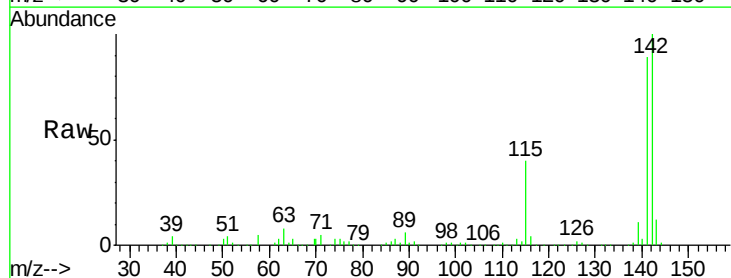


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

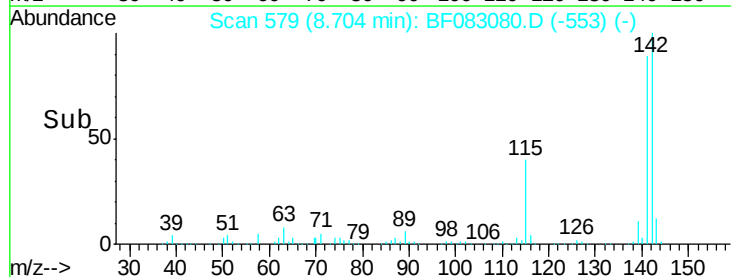
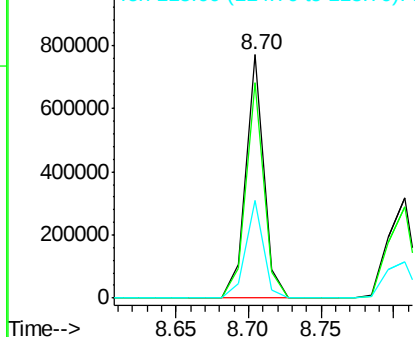


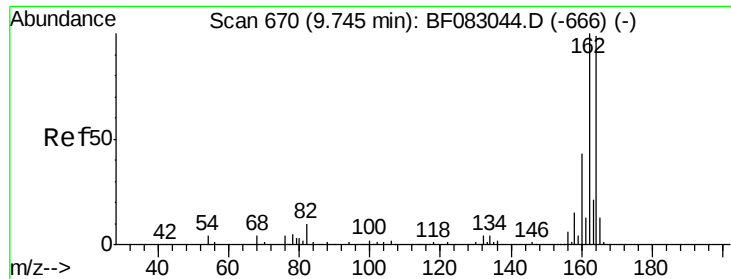
#37
2-Methylnaphthalene
Concen: 36.58 ng
RT: 8.70 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF083080.D
Acq: 20 Nov 2015 14:25

Tgt Ion:142 Resp: 665606
Ion Ratio Lower Upper
142 100
141 88.6 70.7 106.1
115 39.9 33.1 49.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

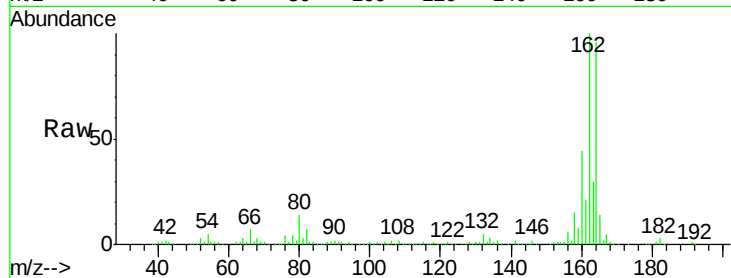




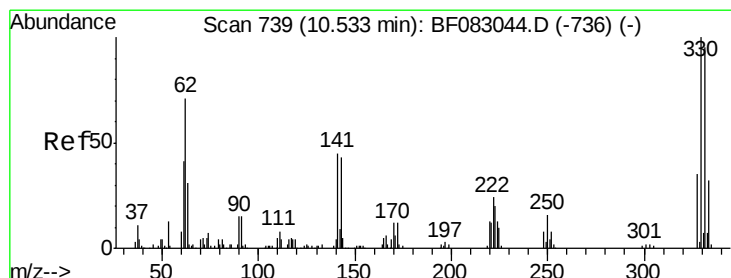
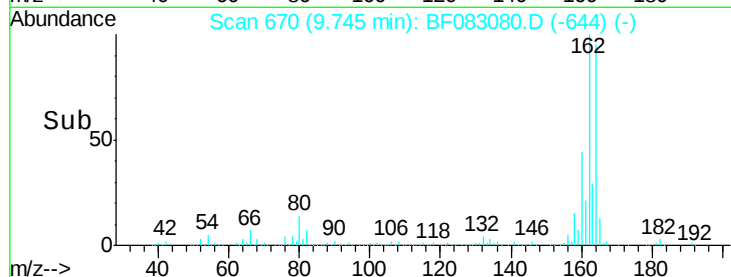
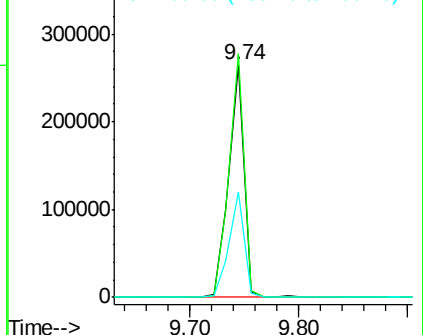
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083080.D
Acq: 20 Nov 2015 14:25

Instrument :
BNA_F
ClientSampleId :
RW-20151116-04

Tot Ion:164 Resp: 259172
Ion Ratio Lower Upper
164 100
162 104.6 80.5 120.7
160 45.5 35.0 52.4

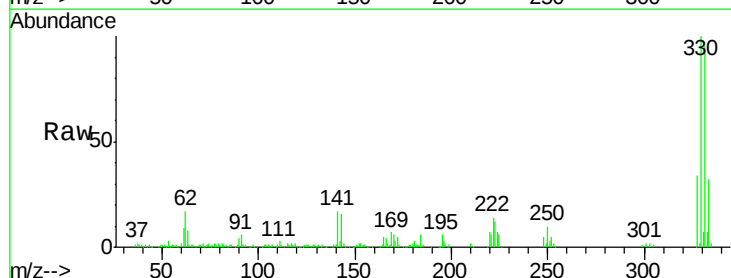


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

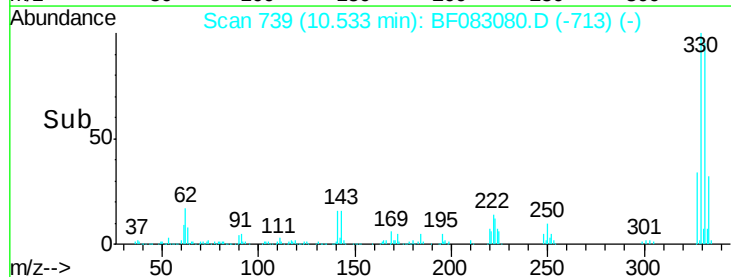
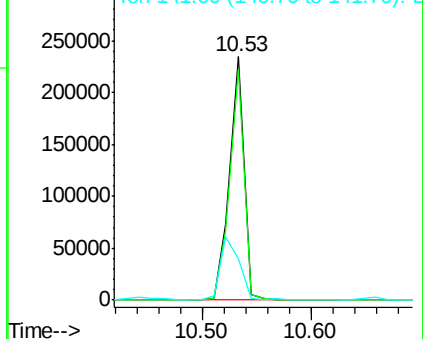


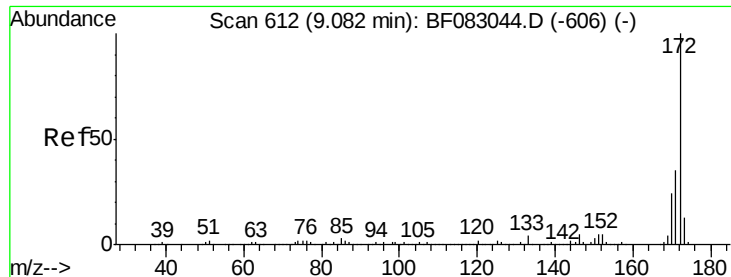
#41
2,4,6-Tribromophenol
Concen: 79.05 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF083080.D
Acq: 20 Nov 2015 14:25

Tgt Ion:330 Resp: 217530
Ion Ratio Lower Upper
330 100
332 94.2 77.6 116.4
141 33.0 34.6 52.0#



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

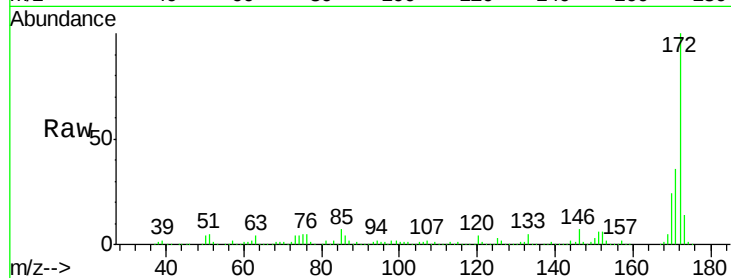




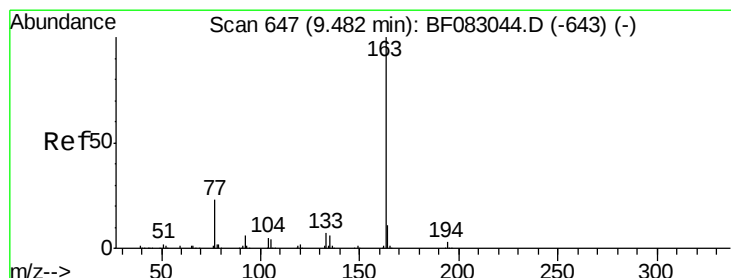
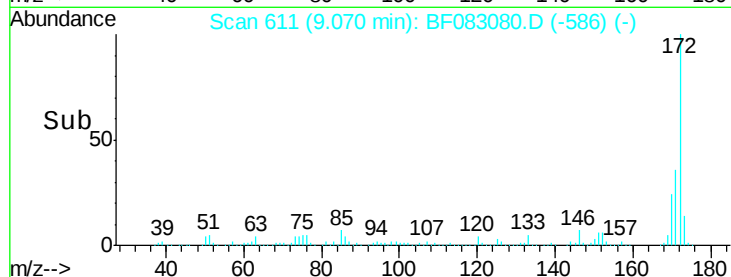
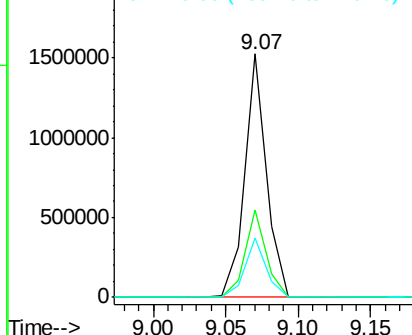
#44
2-Fluorobiphenyl
Concen: 81.88 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF083080.D
Acq: 20 Nov 2015 14:25

Instrument :
BNA_F
ClientSampleId :
RW-20151116-04

Tot Ion:172 Resp: 1575559
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.4
170 24.4 19.4 29.0

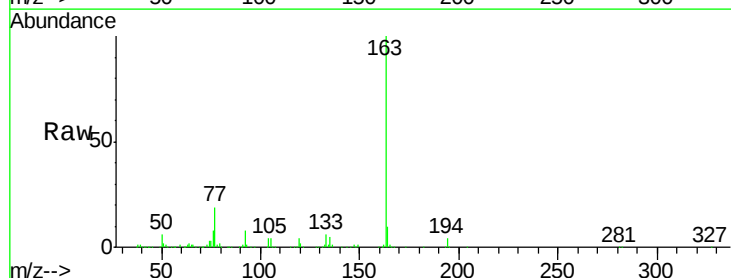


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

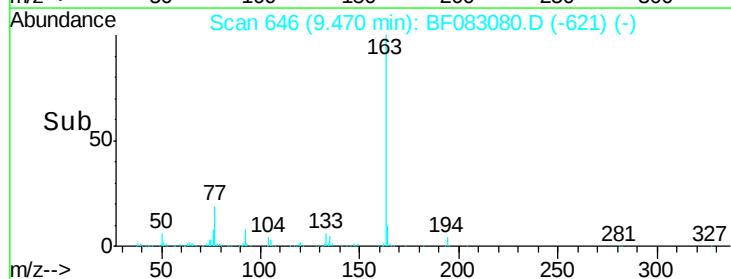
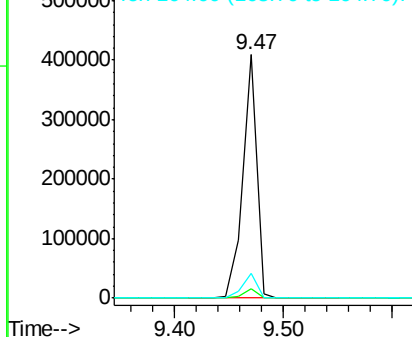


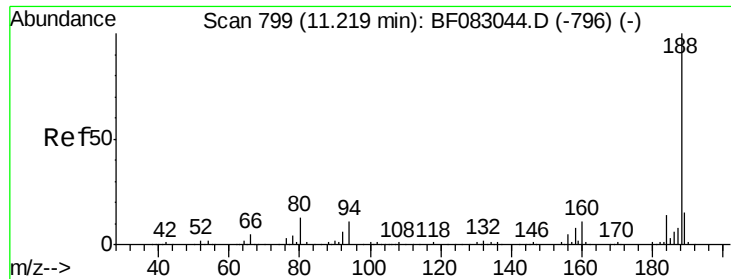
#49
Dimethylphthalate
Concen: 16.62 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF083080.D
Acq: 20 Nov 2015 14:25

Tgt Ion:163 Resp: 354611
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.0 8.5 12.7



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

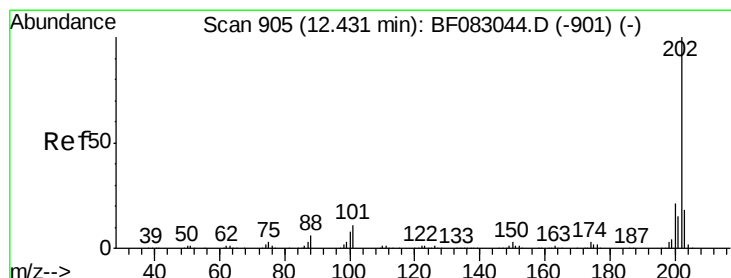
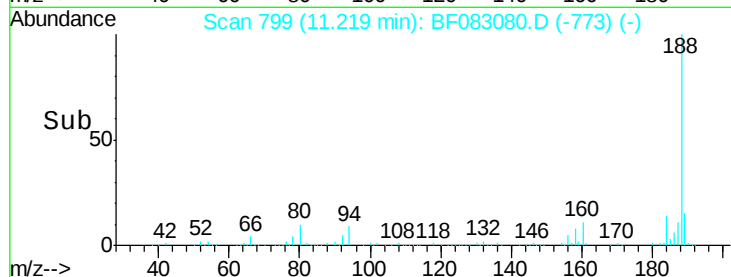
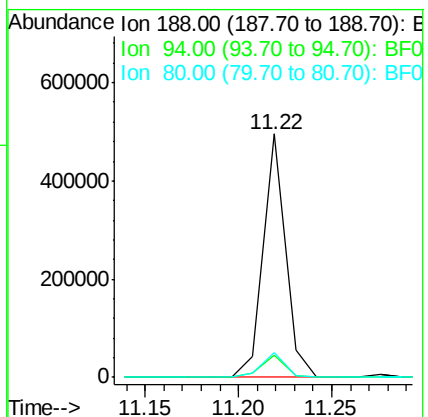
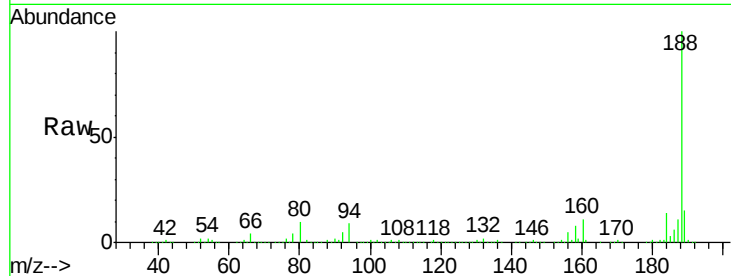




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083080.D
Acq: 20 Nov 2015 14:25

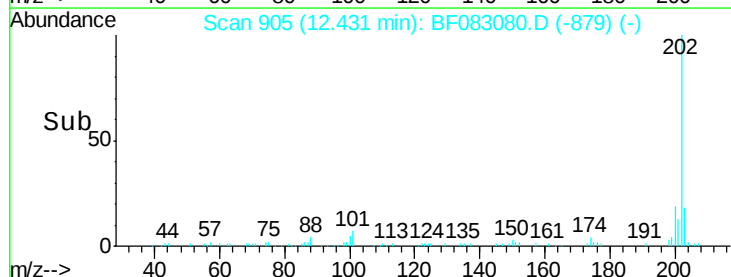
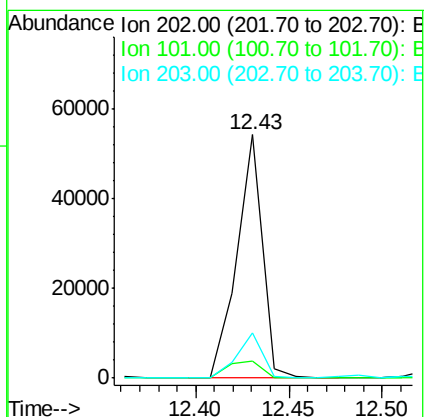
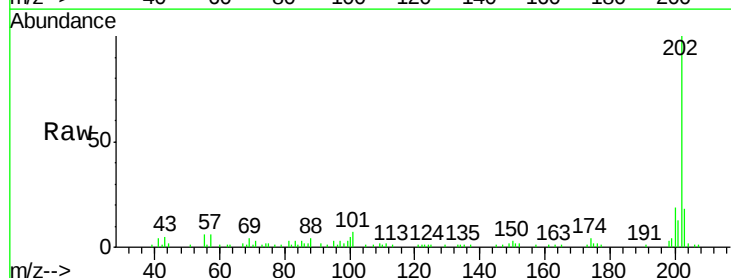
Instrument :
BNA_F
ClientSampleId :
RW-20151116-04

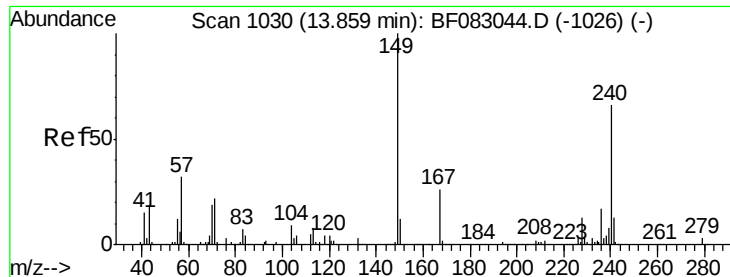
Tot Ion:188 Resp: 409160
Ion Ratio Lower Upper
188 100
94 9.0 9.0 13.4
80 10.1 10.2 15.4#



#74
Fluoranthene
Concen: 2.01 ng
RT: 12.43 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF083080.D
Acq: 20 Nov 2015 14:25

Tgt Ion:202 Resp: 51821
Ion Ratio Lower Upper
202 100
101 7.0 0.0 31.1
203 18.4 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF083080.D

Acq: 20 Nov 2015 14:25

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04

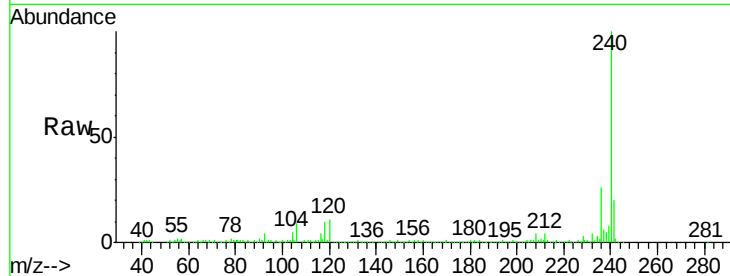
Tot Ion:240 Resp: 371761

Ion Ratio Lower Upper

240 100

120 11.2 5.3 7.9#

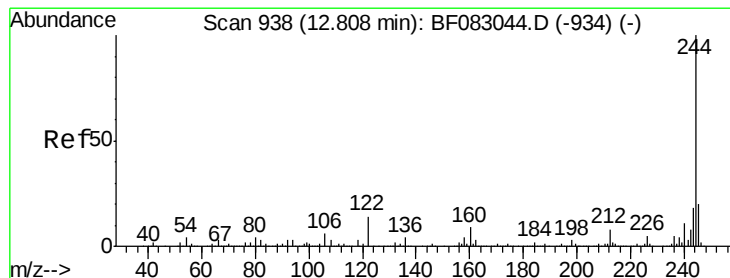
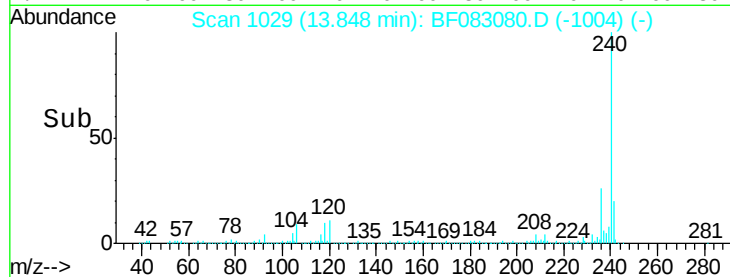
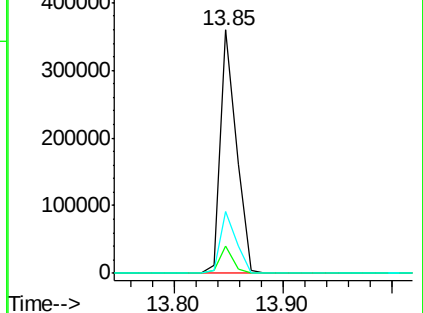
236 25.6 20.4 30.6



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: 84.40 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF083080.D

Acq: 20 Nov 2015 14:25

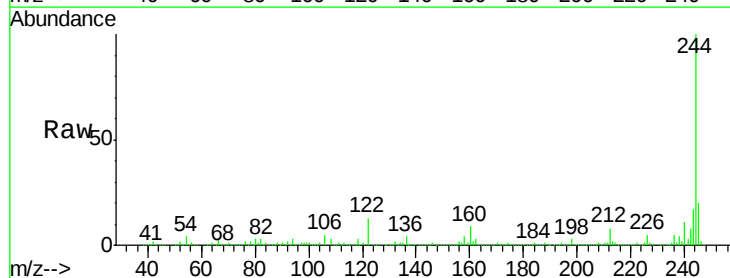
Tgt Ion:244 Resp: 1329155

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

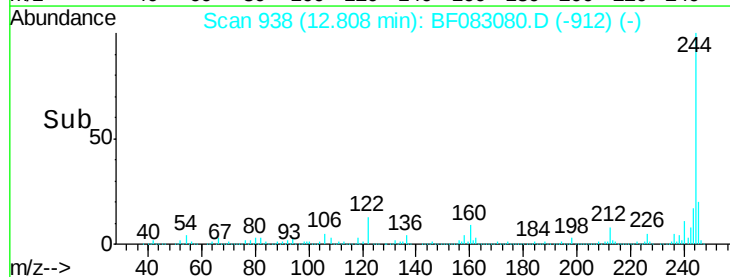
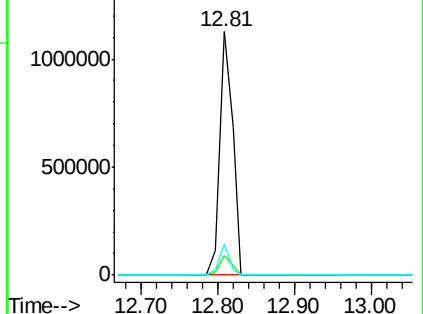
122 12.8 10.9 16.3

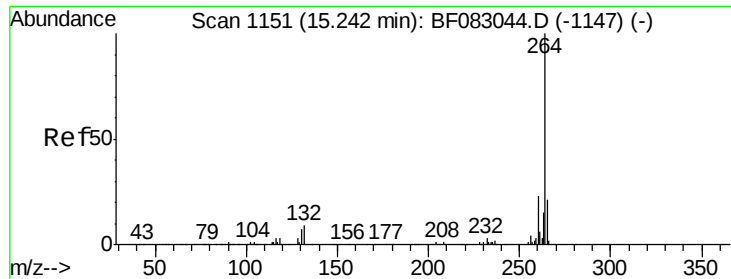


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

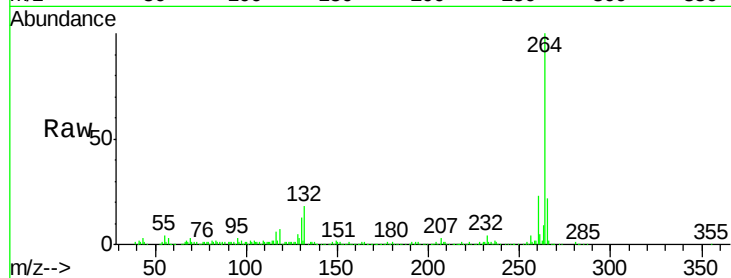




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF083080.D
Acq: 20 Nov 2015 14:25

Instrument :
BNA_F
ClientSampleId :
RW-20151116-04

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.6	17.0	25.6



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

