

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
 Data File : BF083090.D
 Acq On : 20 Nov 2015 20:01
 Operator : UM/IZ
 Sample : G4452-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-06

Quant Time: Nov 20 23:55:46 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

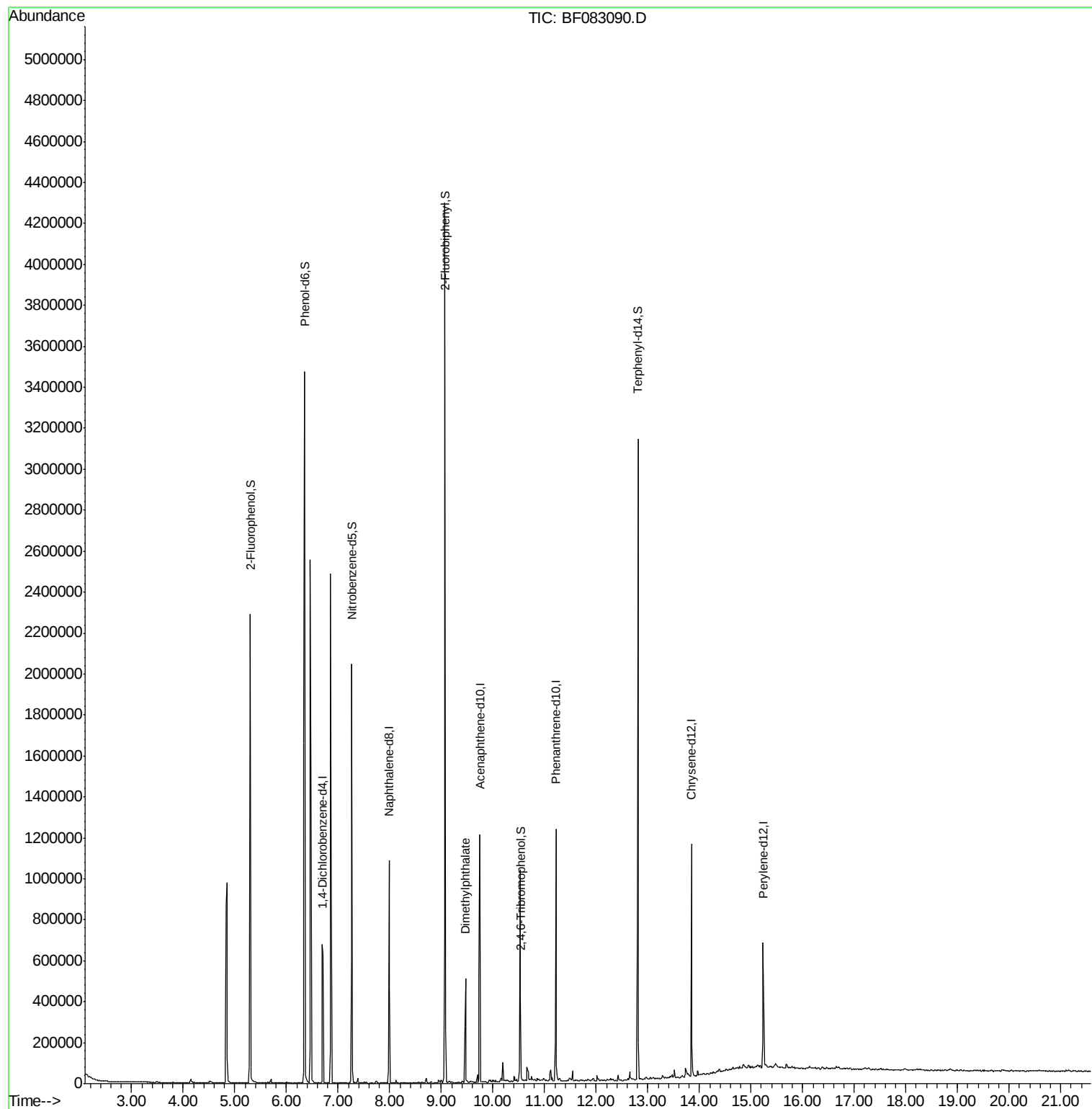
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	148648	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	540411	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	264975	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	414088	20.00	ng	0.00
75) Chrysene-d12	13.85	240	369796	20.00	ng	-0.01
86) Perylene-d12	15.23	264	289647	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	884433	92.41	ng	0.01
7) Phenol-d6	6.35	99	1170273	92.84	ng	0.00
23) Nitrobenzene-d5	7.26	82	676442	57.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	122550	43.56	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1199328	60.96	ng	-0.01
78) Terphenyl-d14	12.81	244	922748	58.91	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	252435	11.58	ng	97

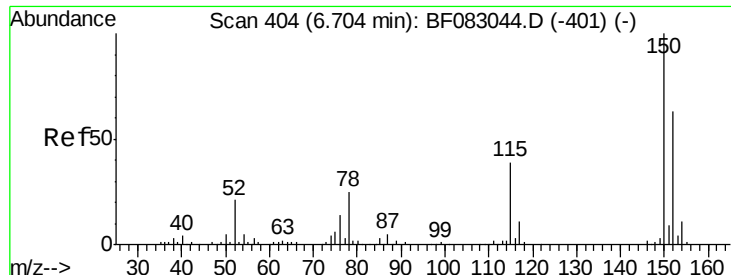
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083090.D

Acq: 20 Nov 2015 20:01

Instrument :

BNA_F

ClientSampleId :

RW-20151116-06

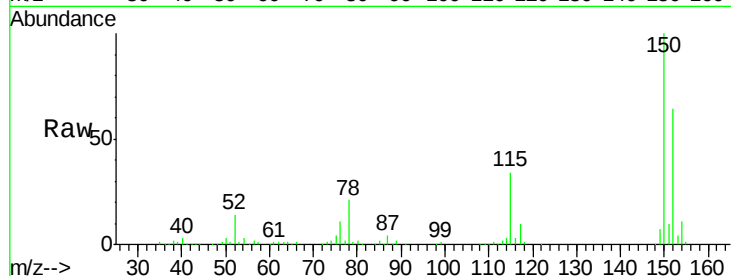
Tot Ion:152 Resp: 148648

Ion Ratio Lower Upper

152 100

150 155.3 126.4 189.6

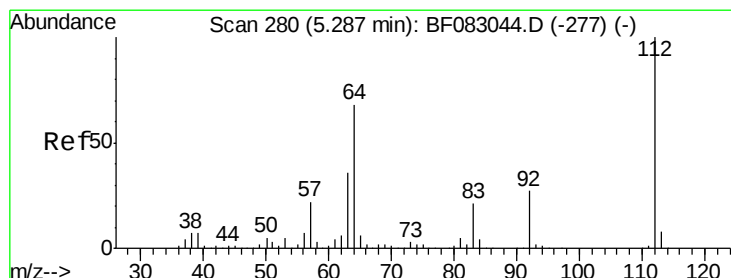
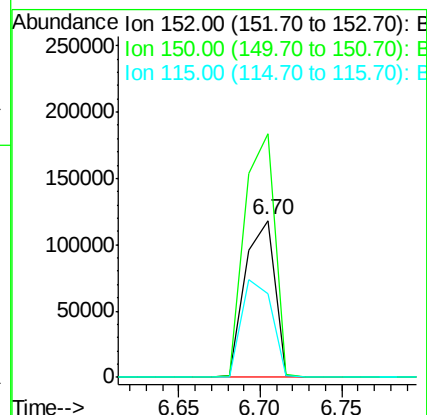
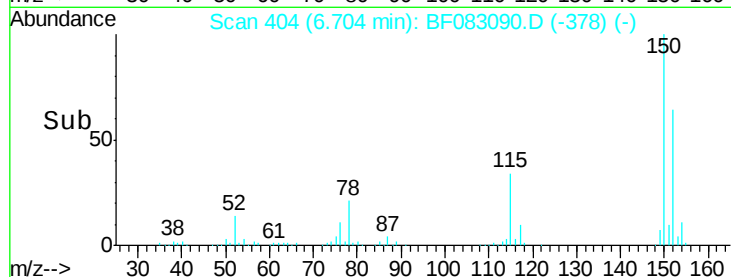
115 53.4 49.0 73.6



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: 92.41 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF083090.D

Acq: 20 Nov 2015 20:01

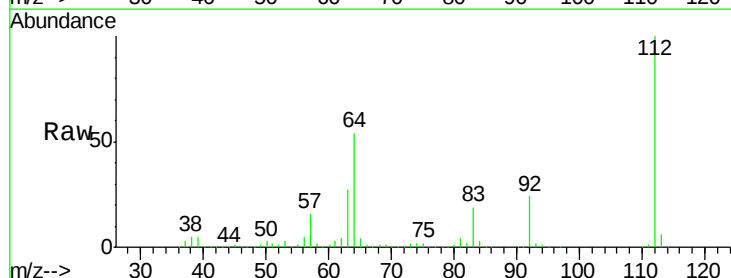
Tgt Ion:112 Resp: 884433

Ion Ratio Lower Upper

112 100

64 53.8 54.8 82.2#

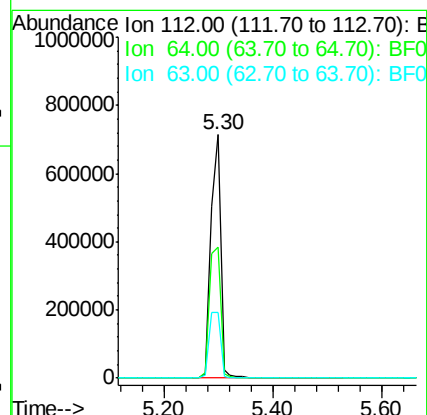
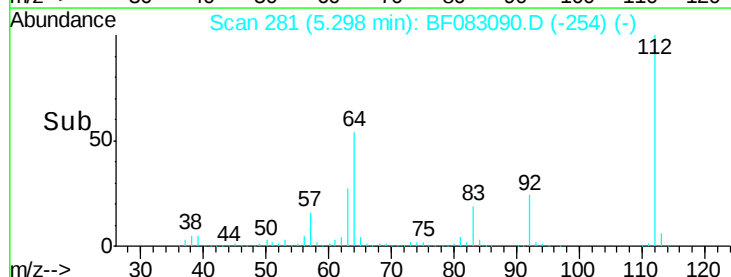
63 27.2 29.0 43.4#

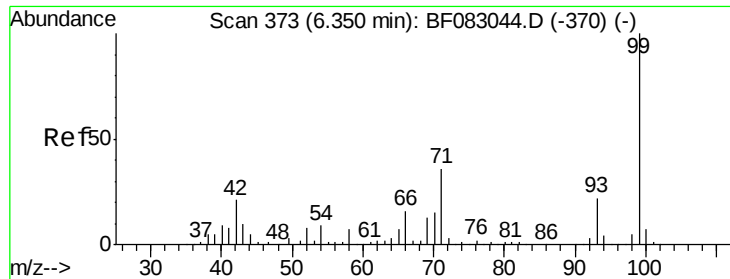


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.84 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083090.D

Acq: 20 Nov 2015 20:01

Instrument :

BNA_F

ClientSampleId :

RW-20151116-06

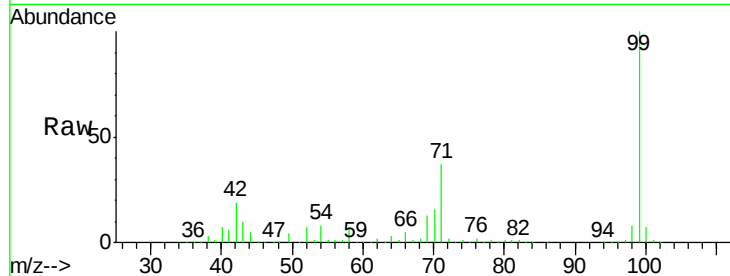
Tot Ion: 99 Resp: 1170273

Ion Ratio Lower Upper

99 100

42 19.1 16.6 25.0

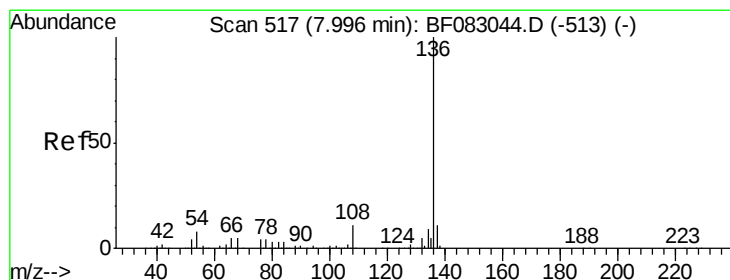
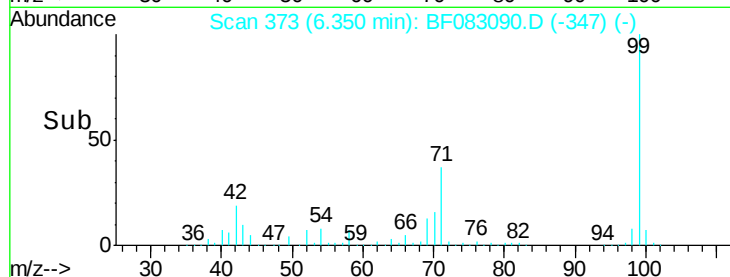
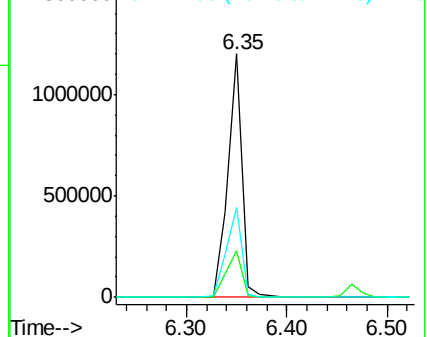
71 37.2 29.2 43.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083090.D

Acq: 20 Nov 2015 20:01

Tgt Ion: 136 Resp: 540411

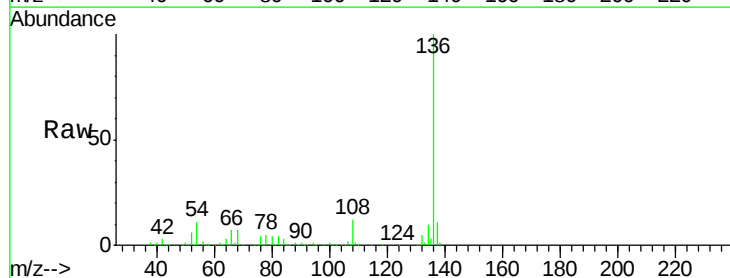
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 11.0 6.2 9.2#

68 7.1 4.2 6.2#

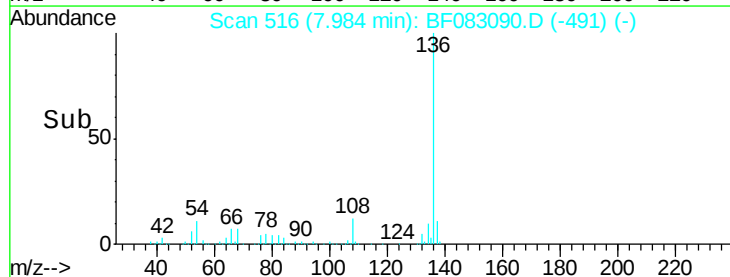
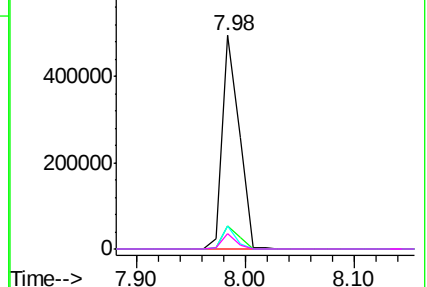


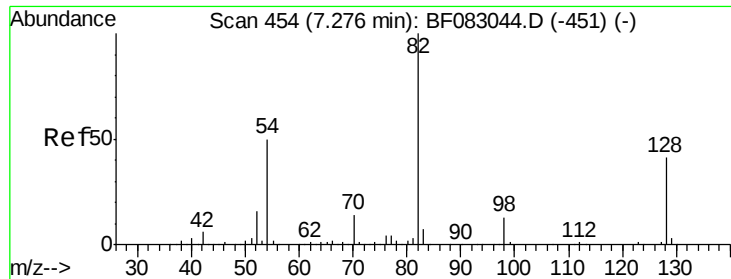
Abundance Ion 136.00 (135.70 to 136.70): E

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

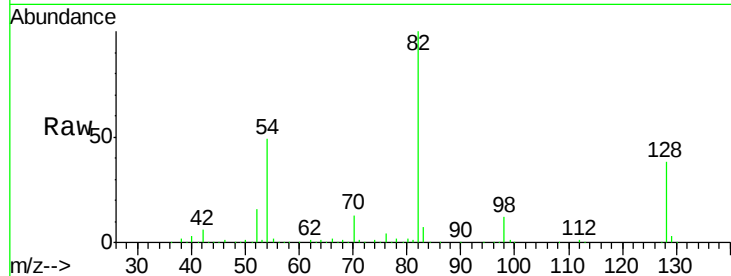




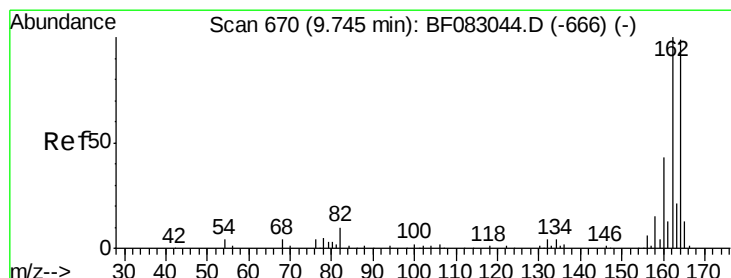
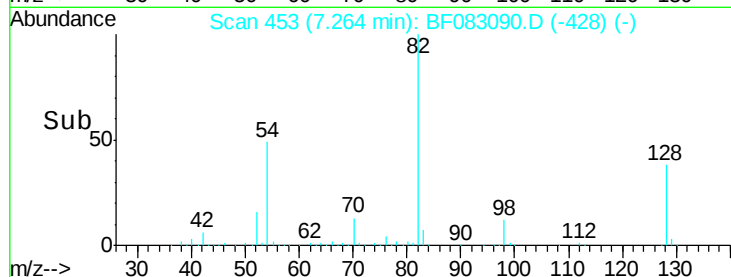
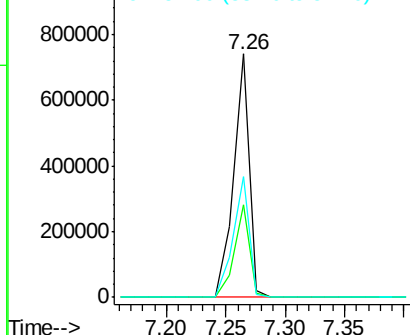
#23
 Nitrobenzene-d5
 Concen: 57.30 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF083090.D
 Acq: 20 Nov 2015 20:01

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-06

Tot Ion	82	Resp	676442
Ion Ratio	100	Lower	Upper
128	38.0	33.1	49.7
54	49.3	39.8	59.6

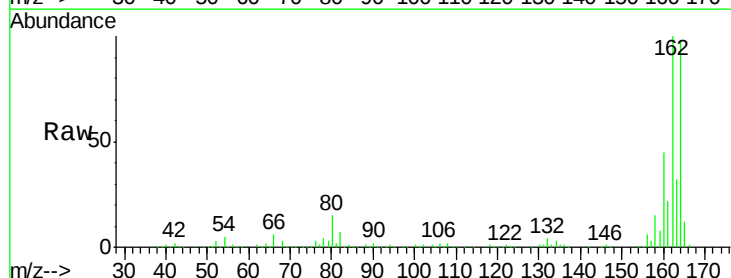


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

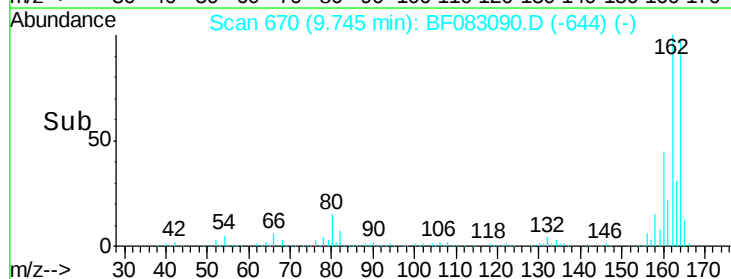
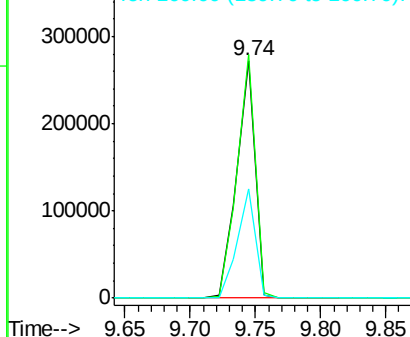


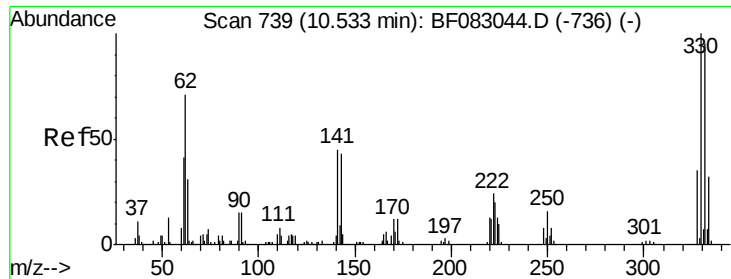
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083090.D
 Acq: 20 Nov 2015 20:01

Tgt Ion	164	Resp	264975
Ion Ratio	100	Lower	Upper
162	102.4	80.5	120.7
160	45.9	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

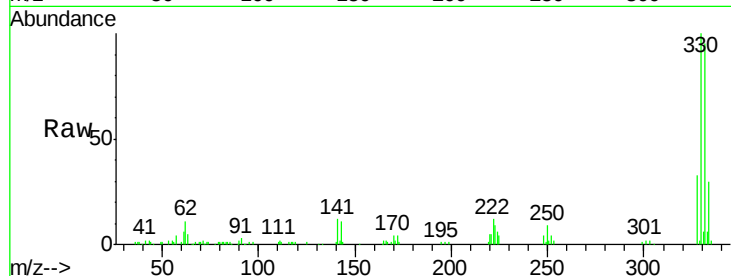




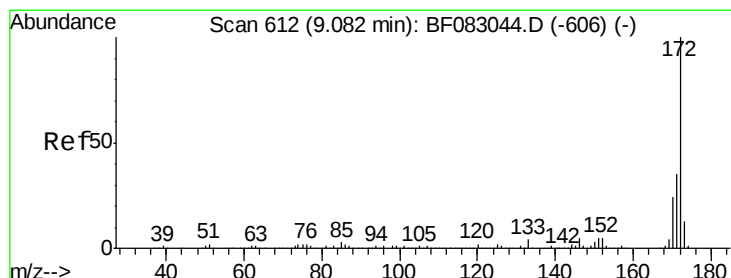
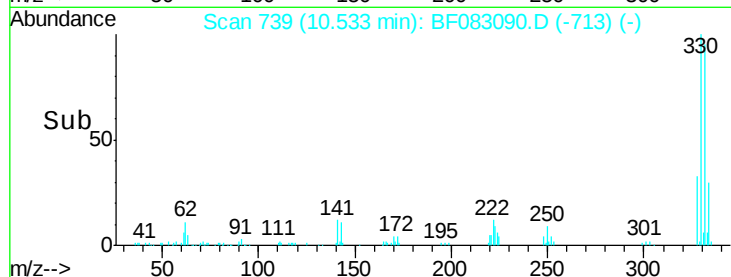
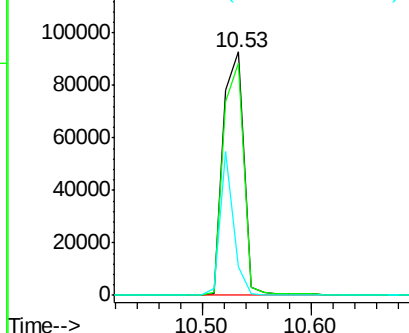
#41
 2,4,6-Tribromophenol
 Concen: 43.56 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083090.D
 Acq: 20 Nov 2015 20:01

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-06

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.6	116.4
141	39.1	34.6	52.0

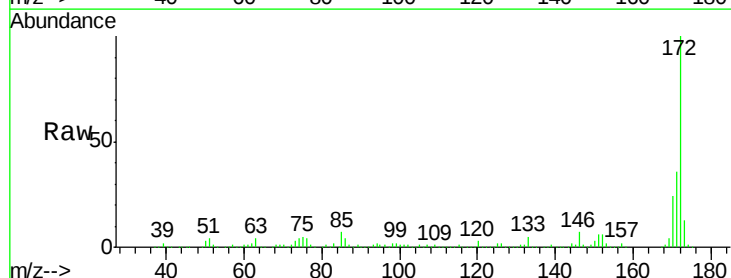


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

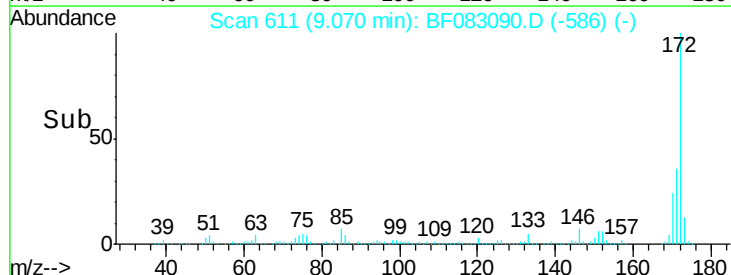
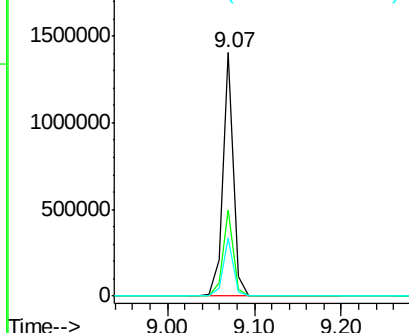


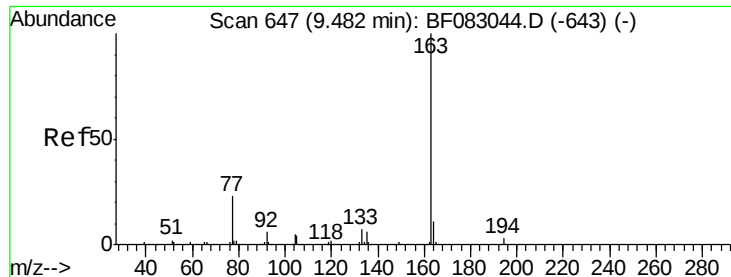
#44
 2-Fluorobiphenyl
 Concen: 60.96 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083090.D
 Acq: 20 Nov 2015 20:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	24.0	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

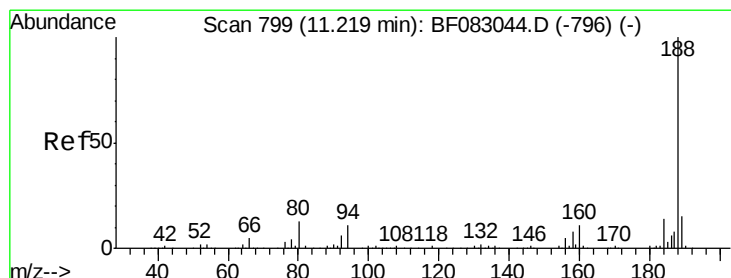
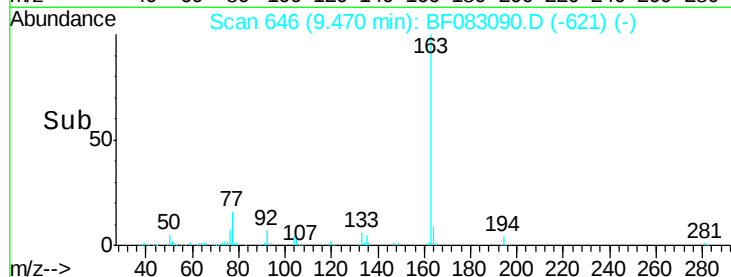
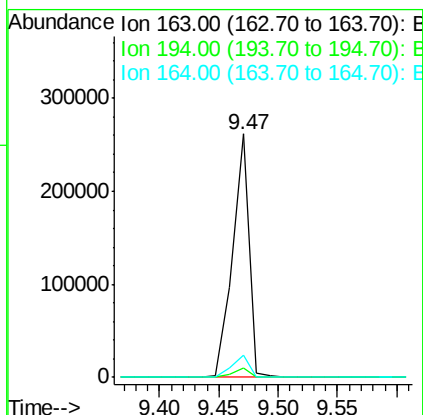
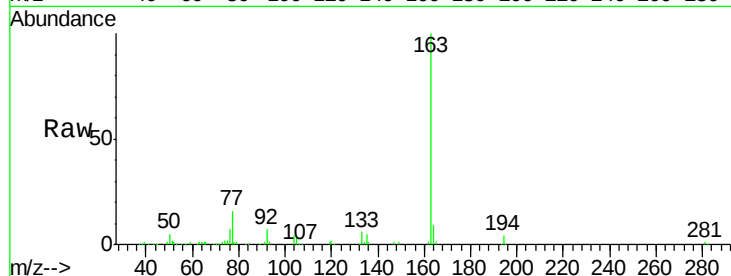




#49
Dimethylphthalate
Concen: 11.58 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF083090.D
Acq: 20 Nov 2015 20:01

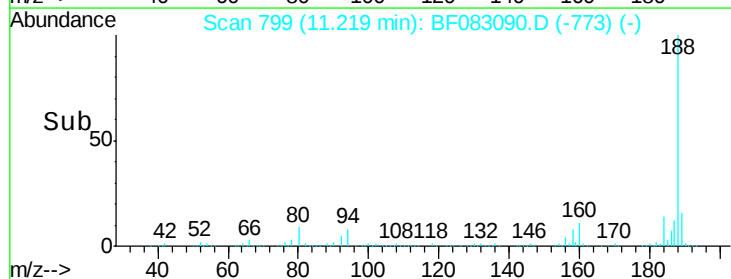
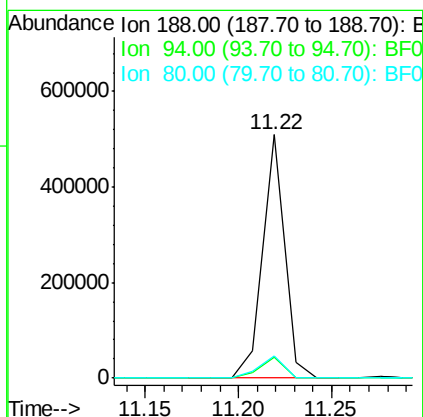
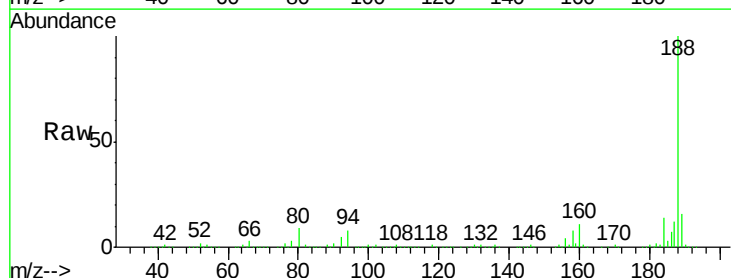
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RW-20151116-06

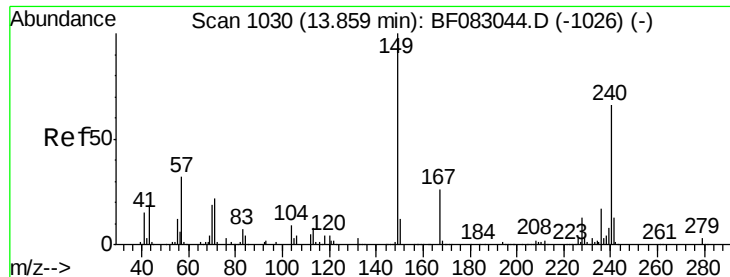
Tot Ion:163 Resp: 252435
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.3 8.5 12.7



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083090.D
Acq: 20 Nov 2015 20:01

Tgt Ion:188 Resp: 414088
Ion Ratio Lower Upper
188 100
94 8.4 9.0 13.4#
80 9.4 10.2 15.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF083090.D

Acq: 20 Nov 2015 20:01

Instrument :

BNA_F

ClientSampleId :

RW-20151116-06

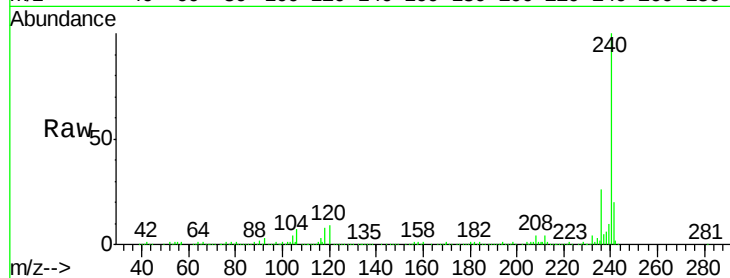
Tot Ion:240 Resp: 369796

Ion Ratio Lower Upper

240 100

120 9.5 5.3 7.9#

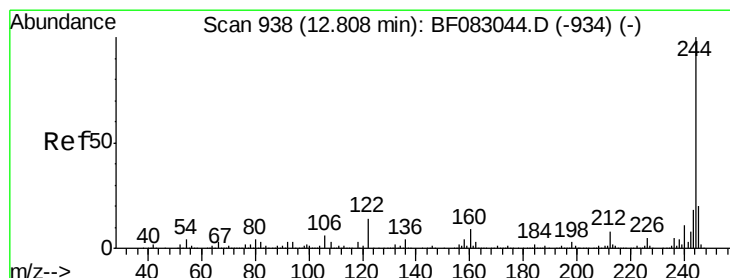
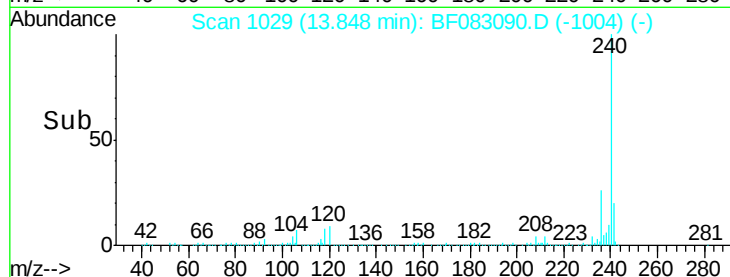
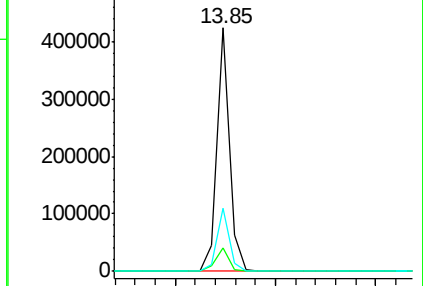
236 26.0 20.4 30.6



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: 58.91 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF083090.D

Acq: 20 Nov 2015 20:01

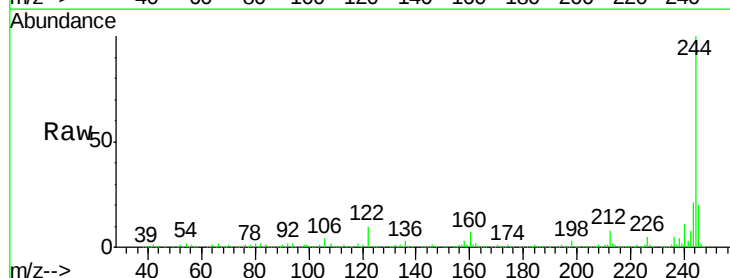
Tgt Ion:244 Resp: 922748

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

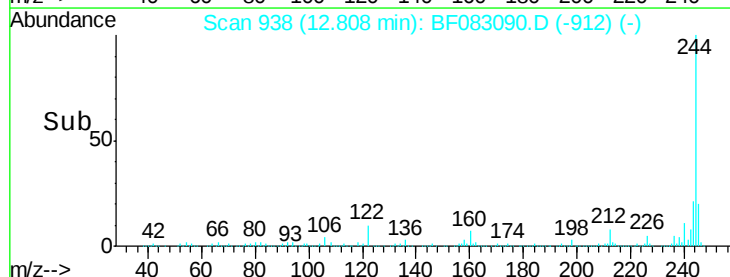
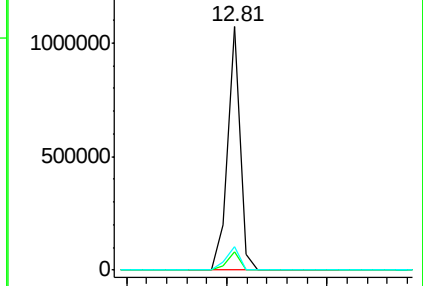
122 9.8 10.9 16.3#

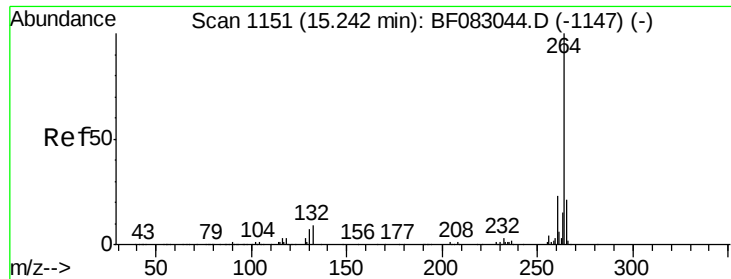


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF083090.D
 Acq: 20 Nov 2015 20:01

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-06

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	22.0	17.0	25.6

