

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
 Data File : BF083091.D
 Acq On : 20 Nov 2015 20:30
 Operator : UM/IZ
 Sample : G4452-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-07

Quant Time: Nov 20 23:57:47 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

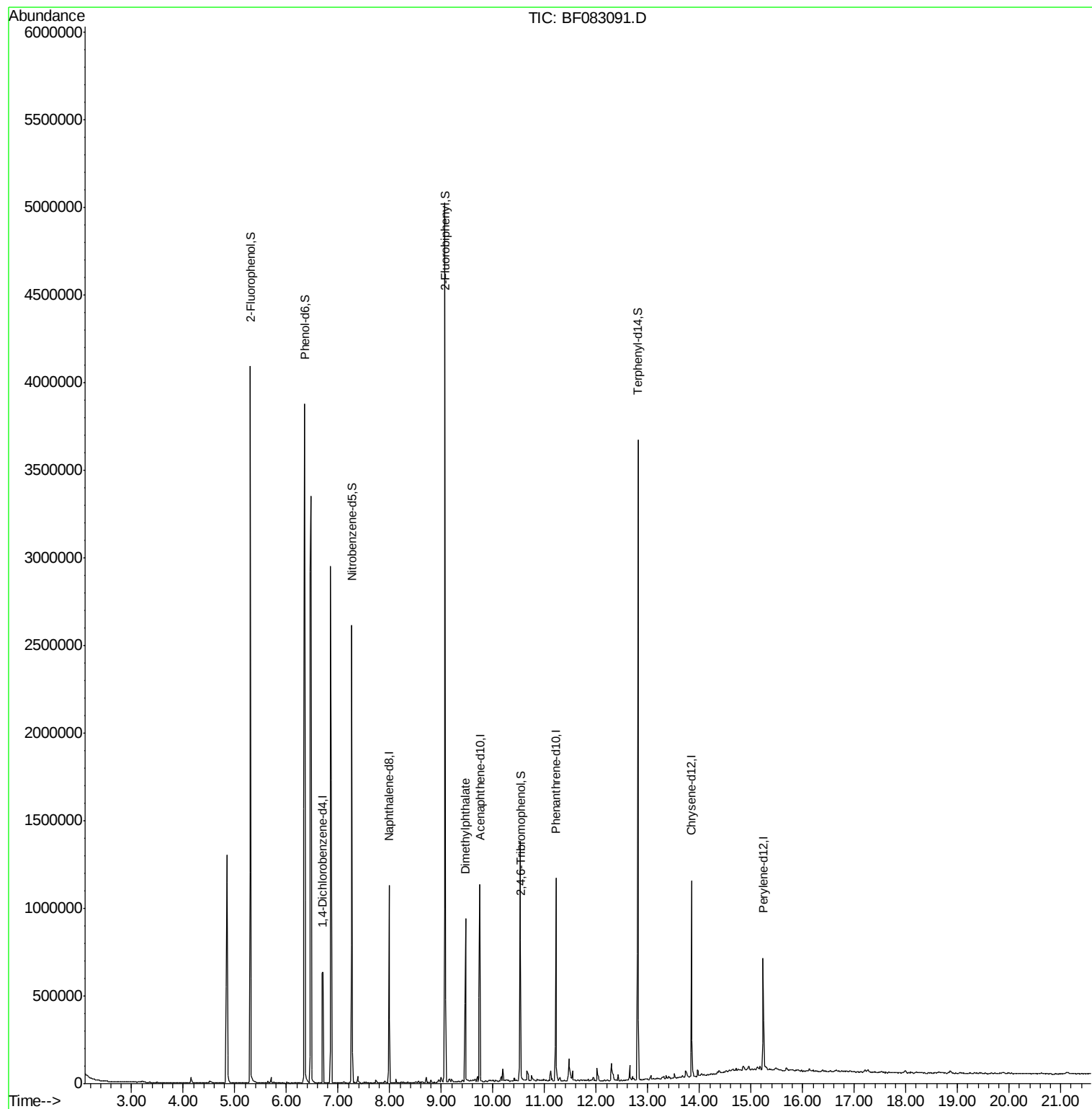
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	143613	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	507392	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	243100	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	396714	20.00	ng	0.00
75) Chrysene-d12	13.85	240	367926	20.00	ng	-0.01
86) Perylene-d12	15.23	264	289541	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1106540	119.67	ng	0.01
7) Phenol-d6	6.35	99	1454387	119.43	ng	0.00
23) Nitrobenzene-d5	7.26	82	876583	79.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	188938	73.20	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1440623	79.81	ng	-0.01
78) Terphenyl-d14	12.81	244	1049344	67.33	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	437917	21.89	ng	98

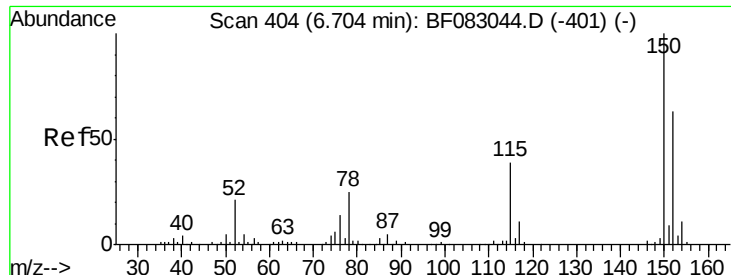
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083091.D

Acq: 20 Nov 2015 20:30

Instrument :

BNA_F

ClientSampleId :

RW-20151116-07

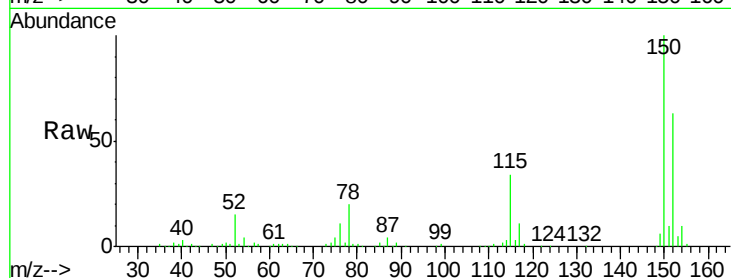
Tot Ion:152 Resp: 143613

Ion Ratio Lower Upper

152 100

150 158.4 126.4 189.6

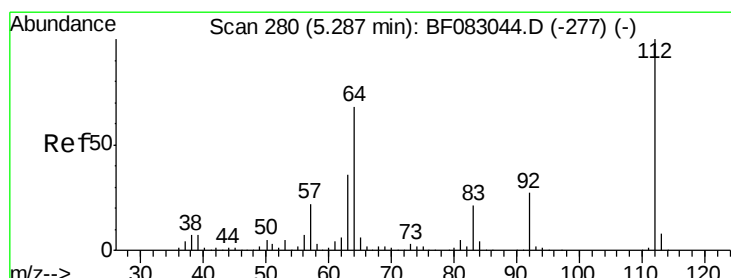
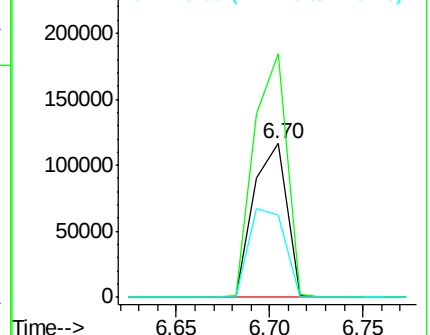
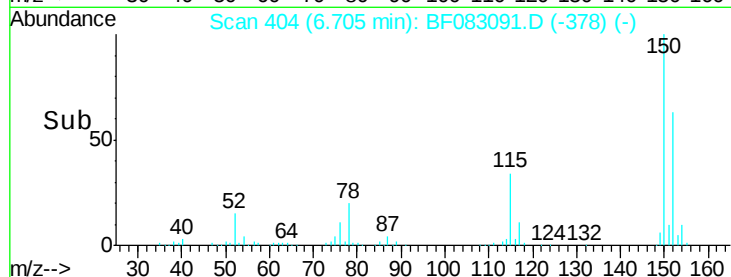
115 53.7 49.0 73.6



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: 119.67 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF083091.D

Acq: 20 Nov 2015 20:30

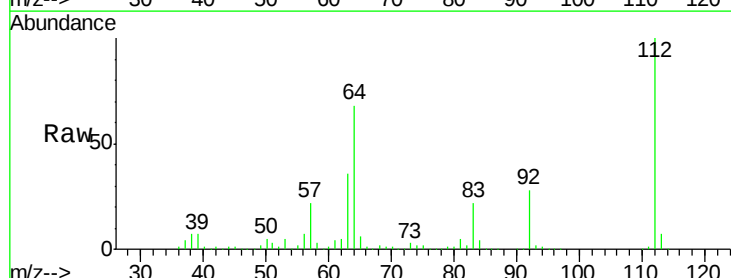
Tgt Ion:112 Resp: 1106540

Ion Ratio Lower Upper

112 100

64 68.5 54.8 82.2

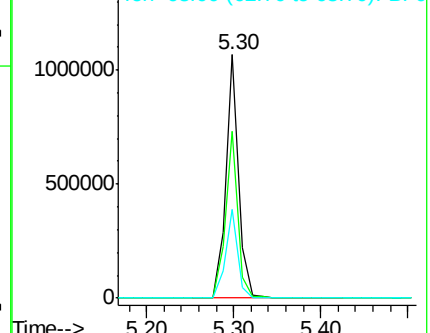
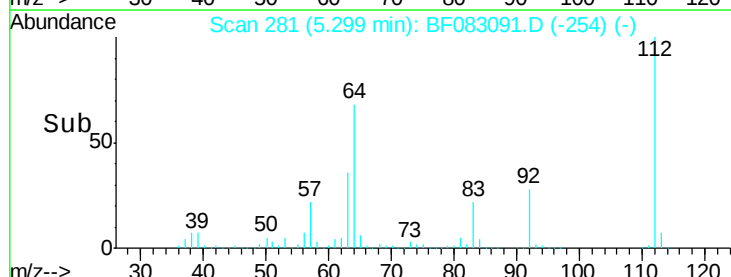
63 36.3 29.0 43.4

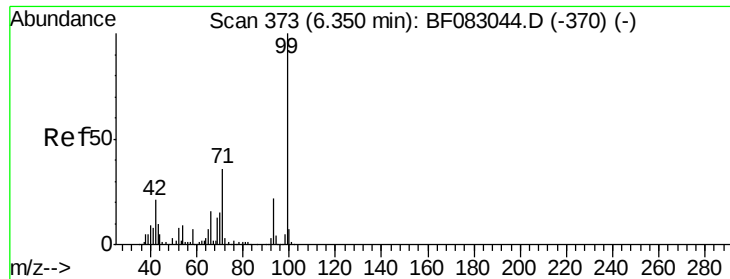


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.43 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083091.D

Acq: 20 Nov 2015 20:30

Instrument :

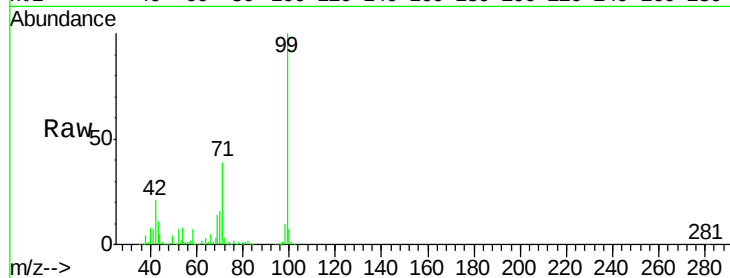
BNA_F

ClientSampleId :

RW-20151116-07

Tot Ion: 99 Resp: 1454387

Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.6	25.0
71	38.9	29.2	43.8



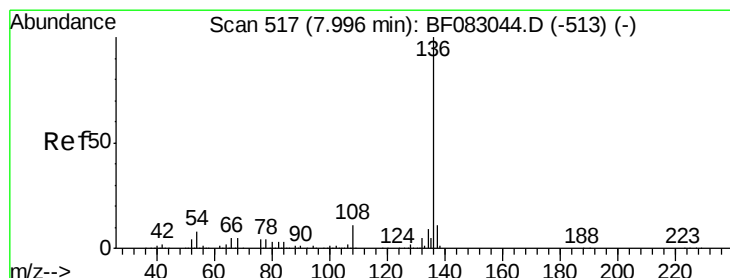
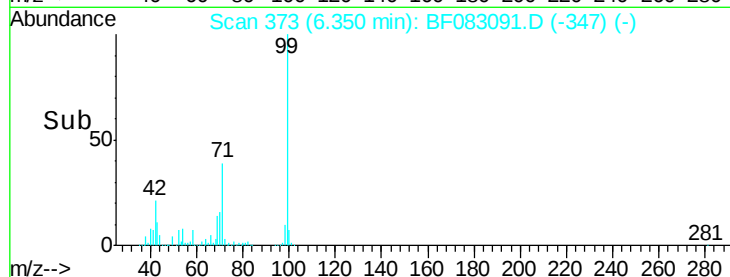
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

6.35

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083091.D

Acq: 20 Nov 2015 20:30

Tgt Ion: 136 Resp: 507392

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	12.8
54	10.8	6.2	9.2#
68	7.0	4.2	6.2#

Abundance Ion 136.00 (135.70 to 136.70): E

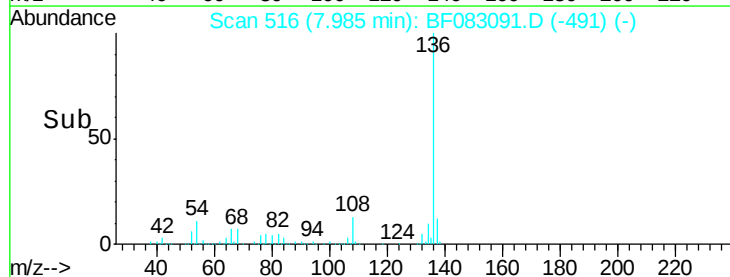
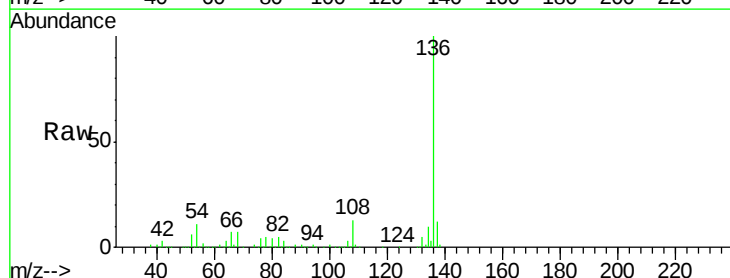
Ion 137.00 (136.70 to 137.70): E

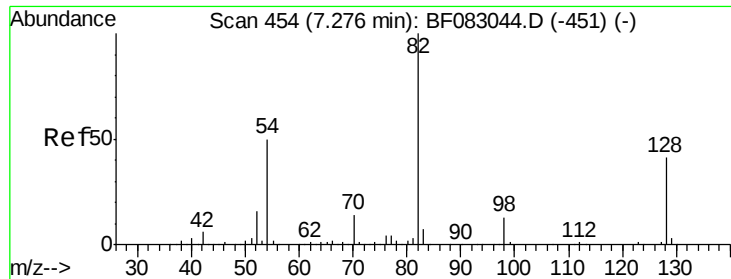
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

7.98

Time-->

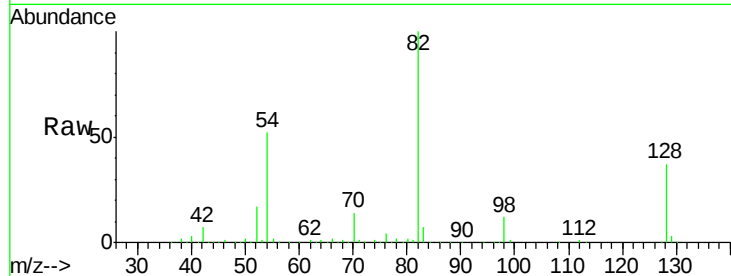




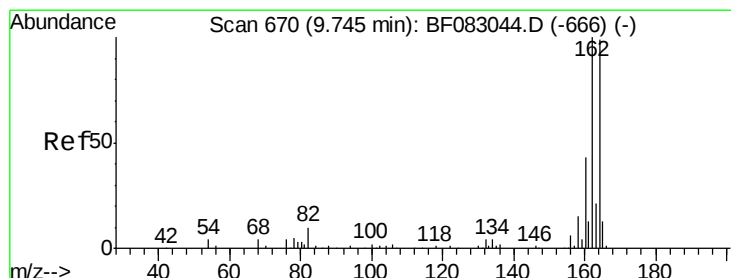
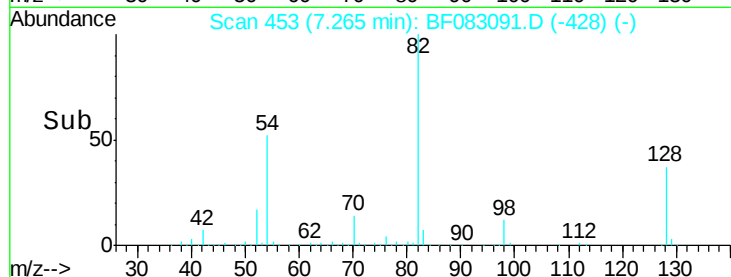
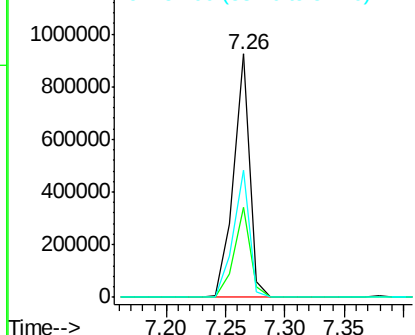
#23
 Nitrobenzene-d5
 Concen: 79.09 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF083091.D
 Acq: 20 Nov 2015 20:30

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-07

Tot Ion: 82 Resp: 876583
 Ion Ratio Lower Upper
 82 100
 128 37.1 33.1 49.7
 54 52.2 39.8 59.6

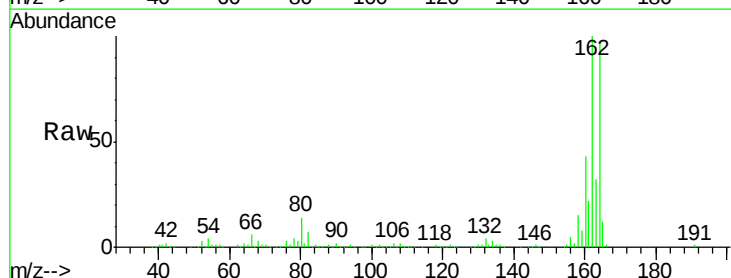


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

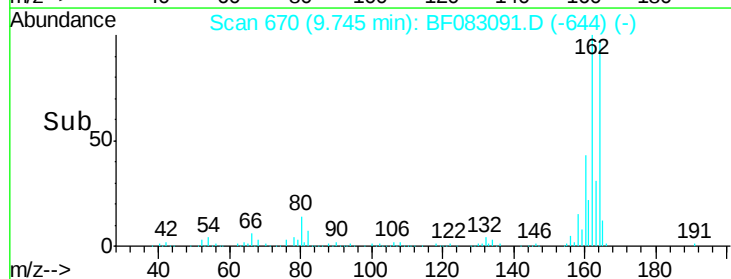
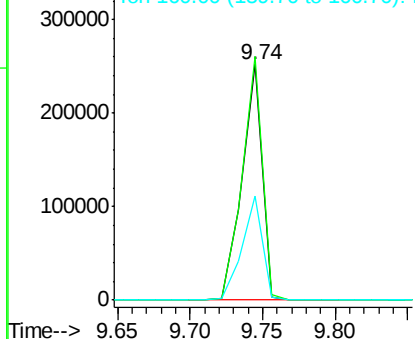


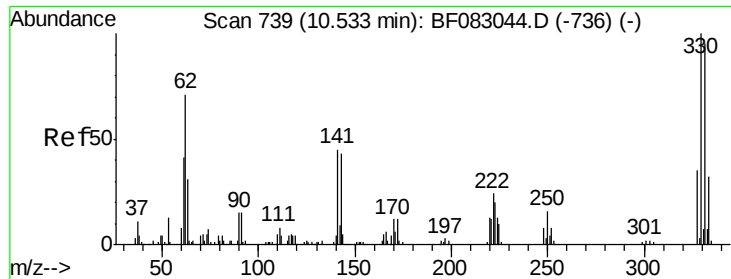
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083091.D
 Acq: 20 Nov 2015 20:30

Tgt Ion:164 Resp: 243100
 Ion Ratio Lower Upper
 164 100
 162 103.4 80.5 120.7
 160 44.3 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

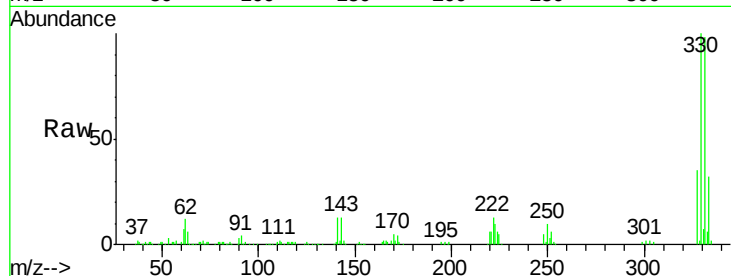




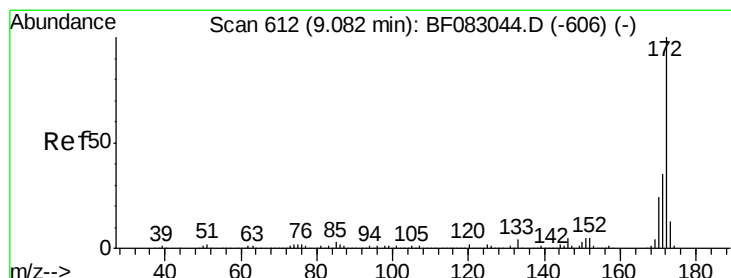
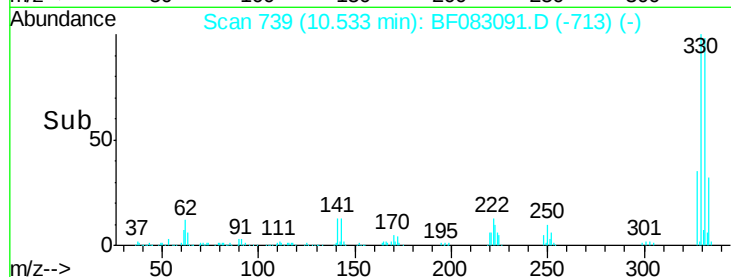
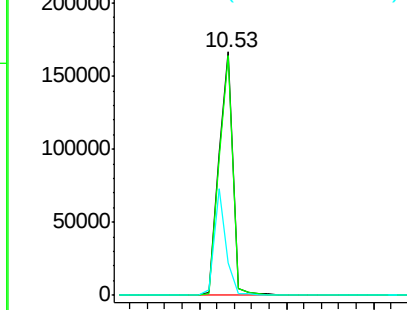
#41
 2,4,6-Tribromophenol
 Concen: 73.20 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083091.D
 Acq: 20 Nov 2015 20:30

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-07

Tot Ion:330 Resp: 188938
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.6 116.4
 141 36.9 34.6 52.0

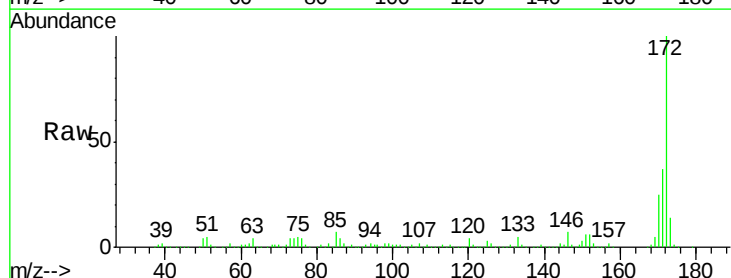


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

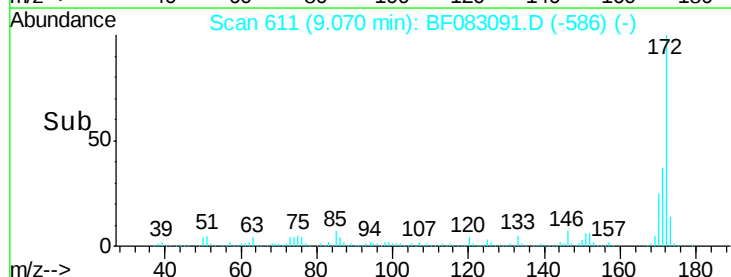
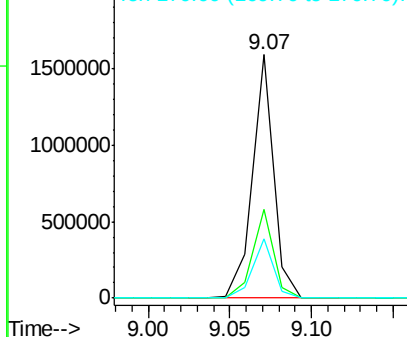


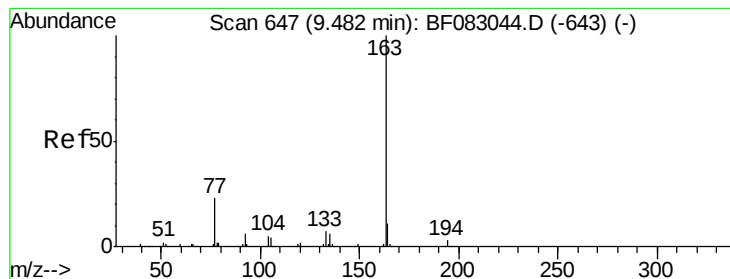
#44
 2-Fluorobiphenyl
 Concen: 79.81 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083091.D
 Acq: 20 Nov 2015 20:30

Tgt Ion:172 Resp: 1440623
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.2 42.4
 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





#49

Dimethylphthalate

Concen: 21.89 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF083091.D

Acq: 20 Nov 2015 20:30

Instrument :

BNA_F

ClientSampleId :

RW-20151116-07

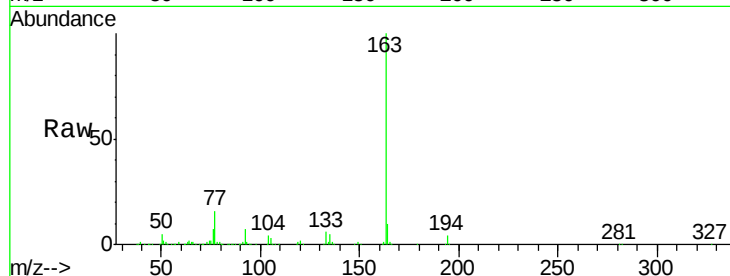
Tot Ion:163 Resp: 437917

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

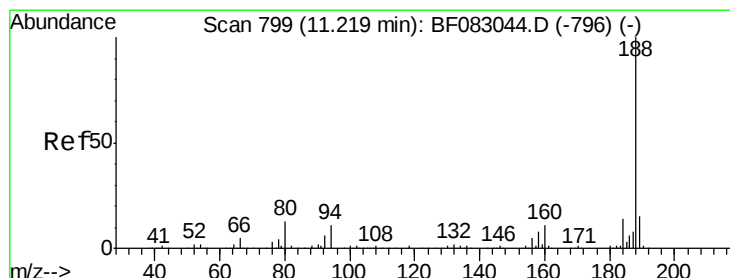
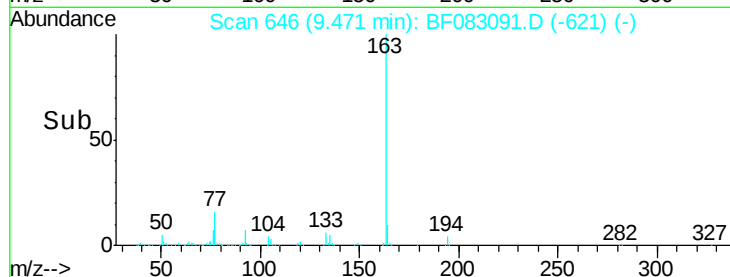
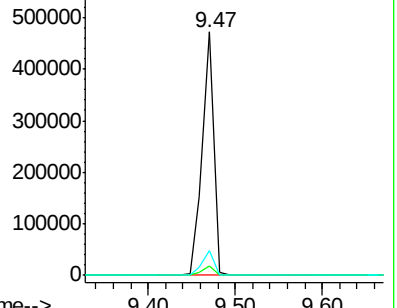
164 10.0 8.5 12.7



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: BF083091.D

Acq: 20 Nov 2015 20:30

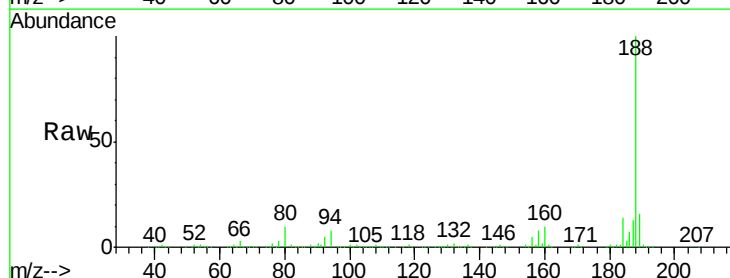
Tgt Ion:188 Resp: 396714

Ion Ratio Lower Upper

188 100

94 8.4 9.0 13.4#

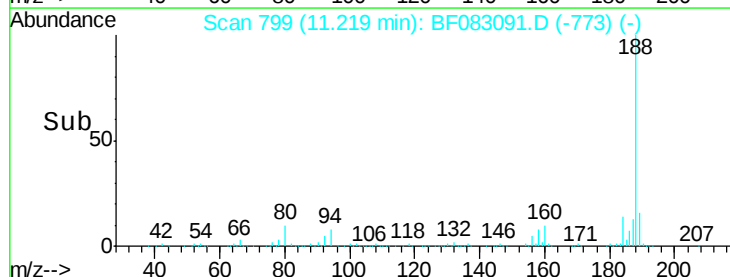
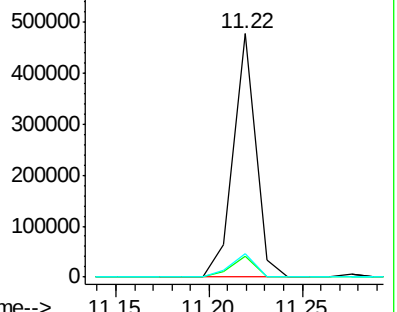
80 9.9 10.2 15.4#

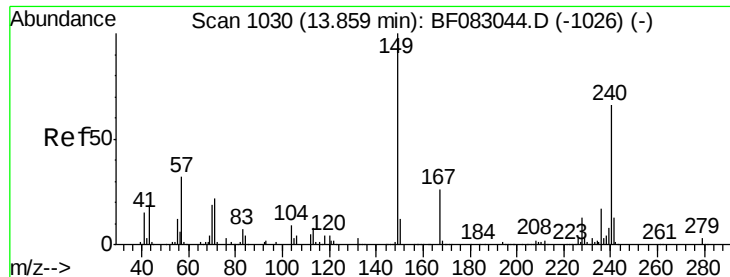


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF083091.D

Acq: 20 Nov 2015 20:30

Instrument :

BNA_F

ClientSampleId :

RW-20151116-07

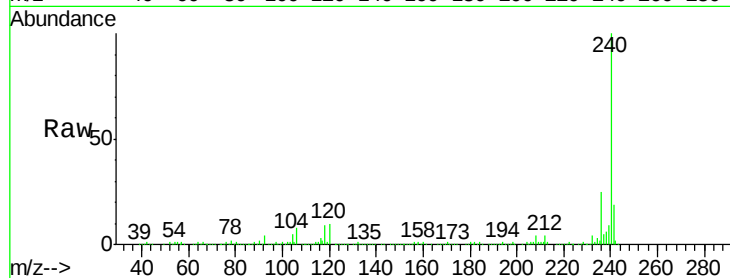
Tot Ion:240 Resp: 367926

Ion Ratio Lower Upper

240 100

120 10.0 5.3 7.9#

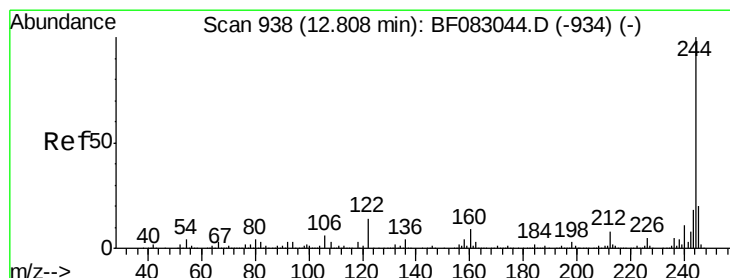
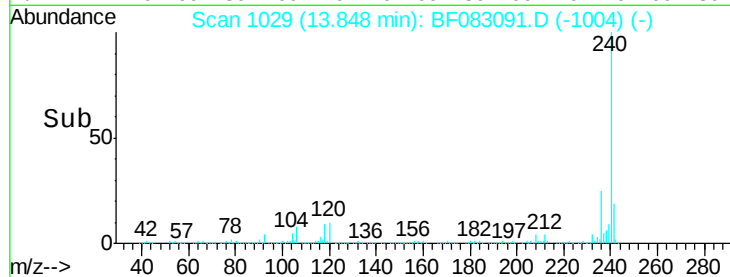
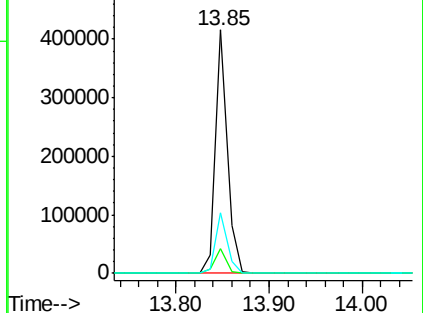
236 25.1 20.4 30.6



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: 67.33 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF083091.D

Acq: 20 Nov 2015 20:30

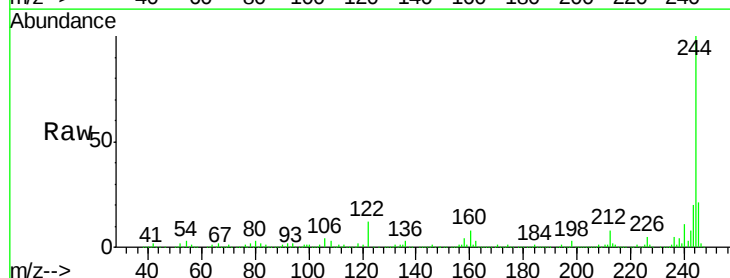
Tgt Ion:244 Resp: 1049344

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

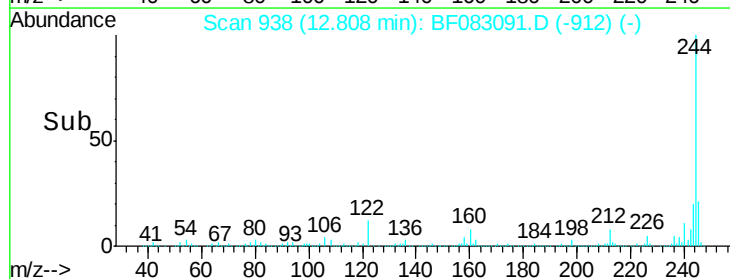
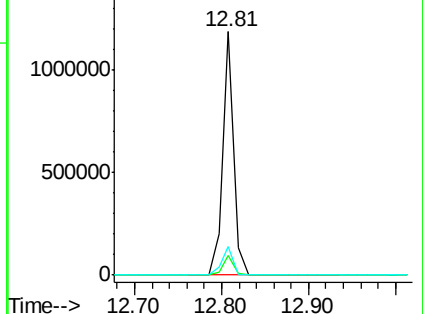
122 11.6 10.9 16.3

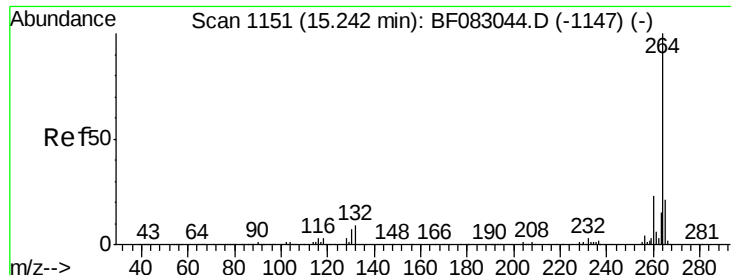


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF083091.D
 Acq: 20 Nov 2015 20:30

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-07

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	22.8	17.0	25.6

