

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
 Data File : BF083092.D
 Acq On : 20 Nov 2015 21:00
 Operator : UM/IZ
 Sample : G4452-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-09

Quant Time: Nov 20 23:59:59 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

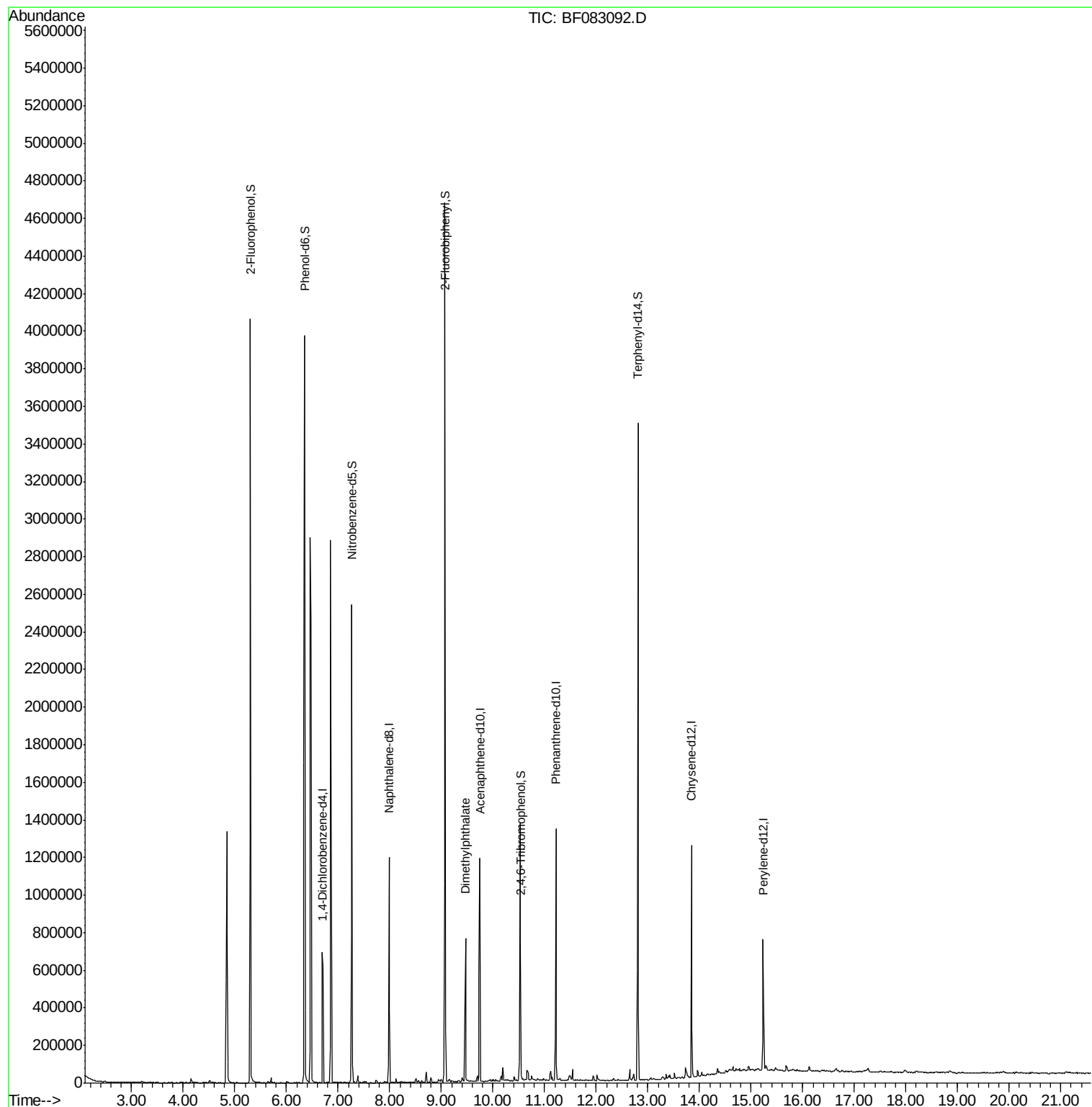
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	147855	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	556285	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	264339	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	454592	20.00	ng	0.00
75) Chrysene-d12	13.85	240	407413	20.00	ng	-0.01
86) Perylene-d12	15.23	264	312273	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1061562	111.51	ng	0.01
7) Phenol-d6	6.35	99	1326682	105.81	ng	0.00
23) Nitrobenzene-d5	7.26	82	844319	69.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	188828	67.28	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1342050	68.38	ng	-0.01
78) Terphenyl-d14	12.81	244	995938	57.71	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	378676	17.41	ng	98

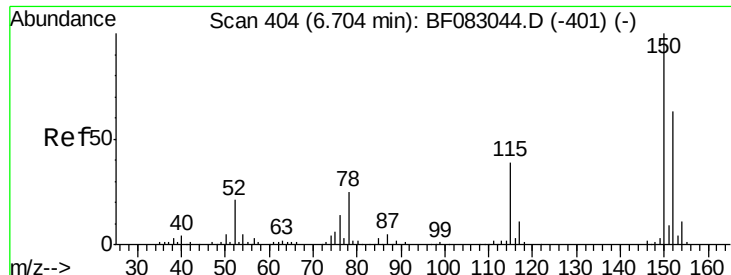
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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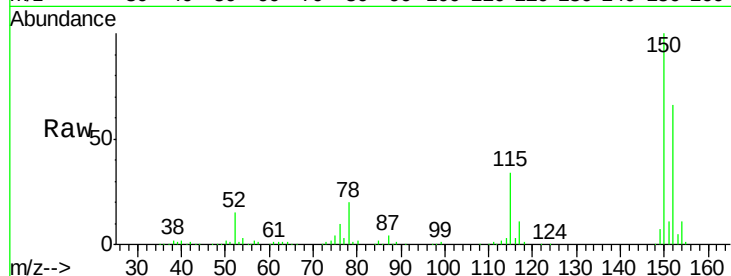


#1

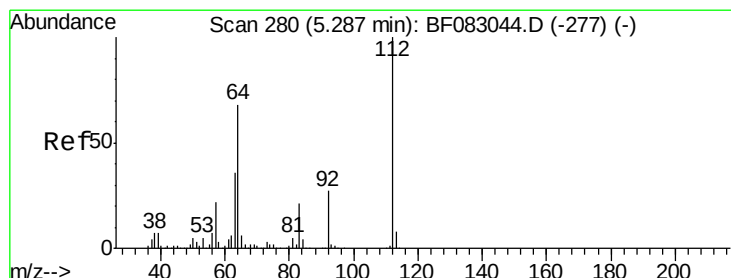
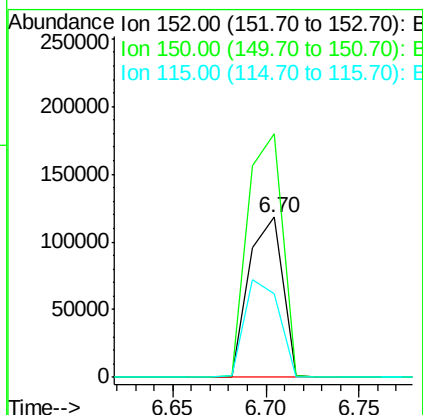
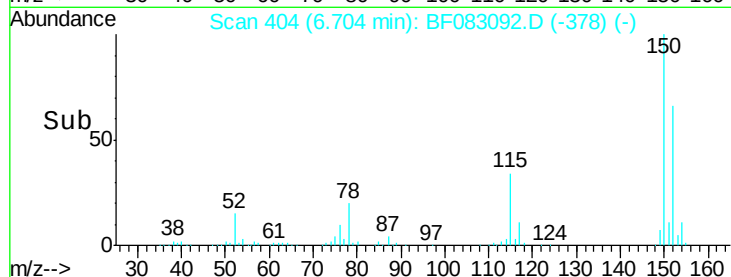
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF083092.D
Acq: 20 Nov 2015 21:00

Instrument :
BNA_F
ClientSampleId :
RW-20151116-09

Tot Ion:152 Resp: 147855
Ion Ratio Lower Upper
152 100
150 152.1 126.4 189.6
115 51.9 49.0 73.6



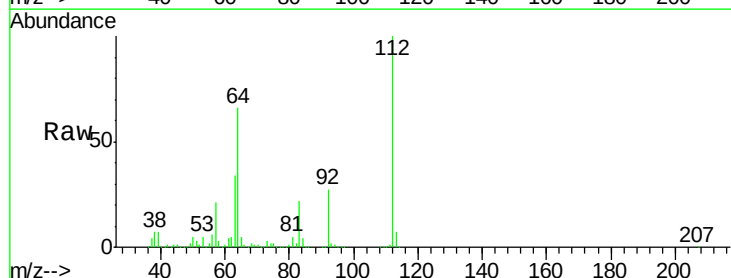
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



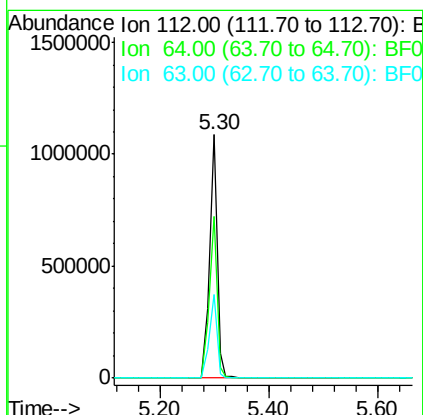
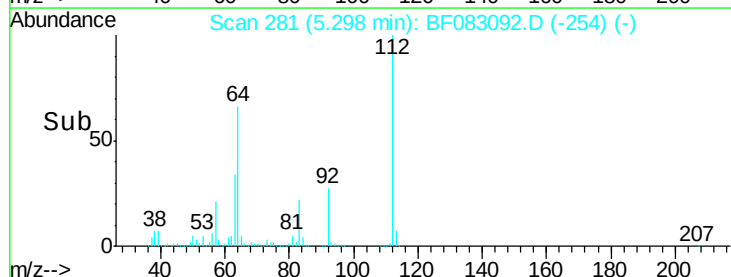
#5

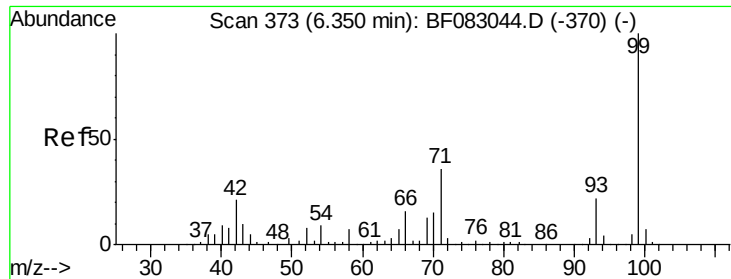
2-Fluorophenol
Concen: 111.51 ng
RT: 5.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: BF083092.D
Acq: 20 Nov 2015 21:00

Tgt Ion:112 Resp: 1061562
Ion Ratio Lower Upper
112 100
64 66.2 54.8 82.2
63 34.5 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: 105.81 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083092.D

Acq: 20 Nov 2015 21:00

Instrument :

BNA_F

ClientSampleId :

RW-20151116-09

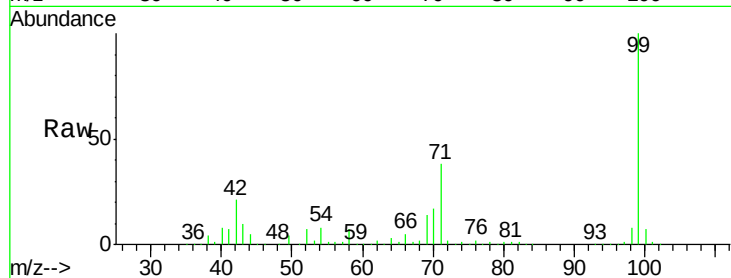
Tot Ion: 99 Resp: 1326682

Ion Ratio Lower Upper

99 100

42 20.5 16.6 25.0

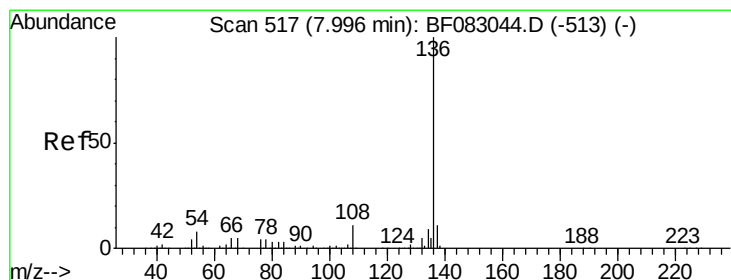
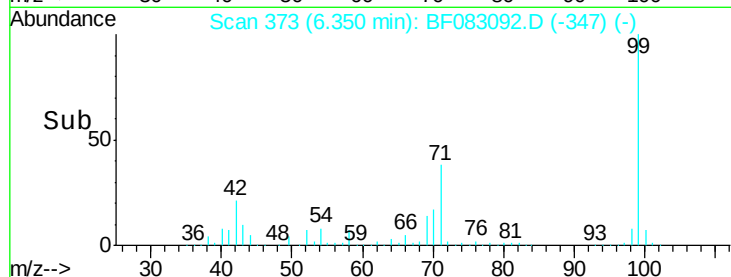
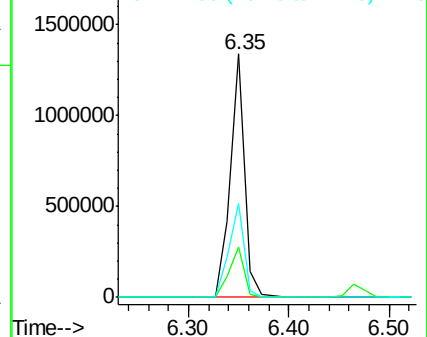
71 38.3 29.2 43.8



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: BF083092.D

Acq: 20 Nov 2015 21:00

Tgt Ion: 136 Resp: 556285

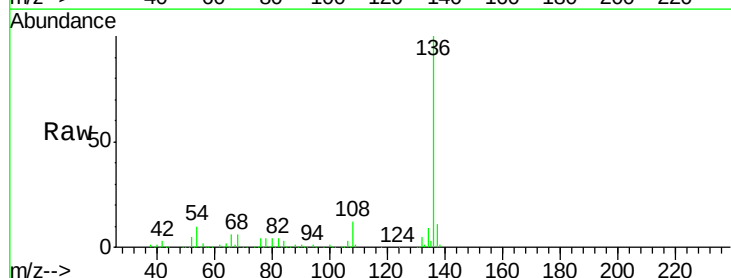
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 10.4 6.2 9.2#

68 6.4 4.2 6.2#

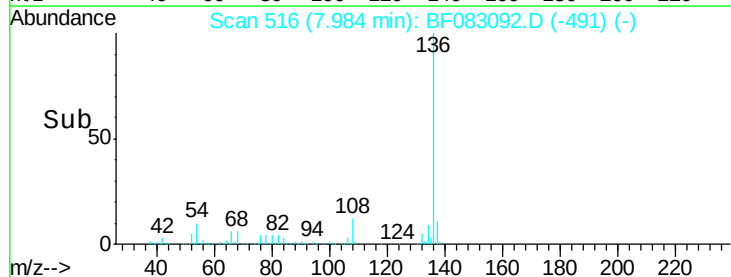
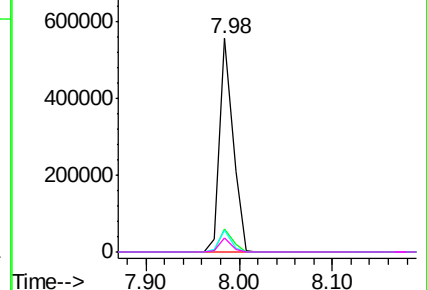


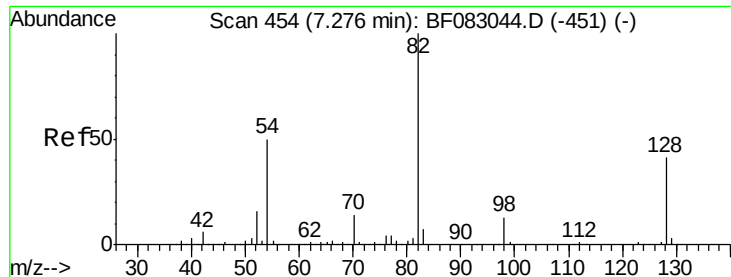
Abundance Ion 136.00 (135.70 to 136.70): E

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

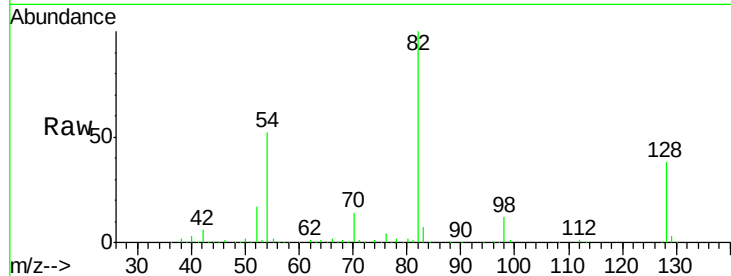




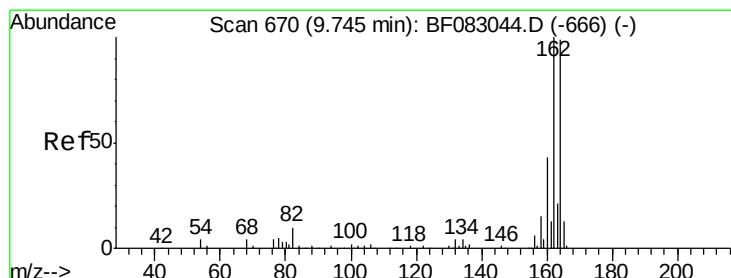
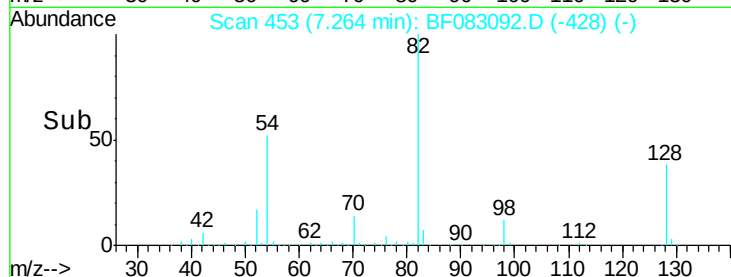
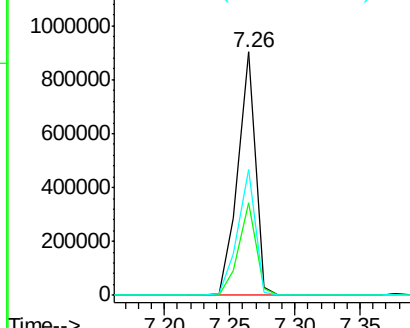
#23
Nitrobenzene-d5
Concen: 69.48 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083092.D
Acq: 20 Nov 2015 21:00

Instrument :
BNA_F
ClientSampleId :
RW-20151116-09

Tot Ion	82	Resp	844319
Ion Ratio	100	Lower	Upper
128	37.8	33.1	49.7
54	51.9	39.8	59.6

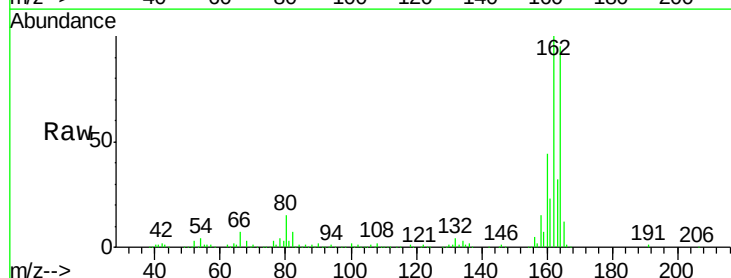


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

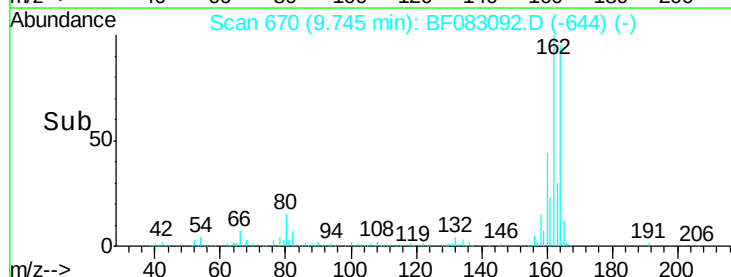
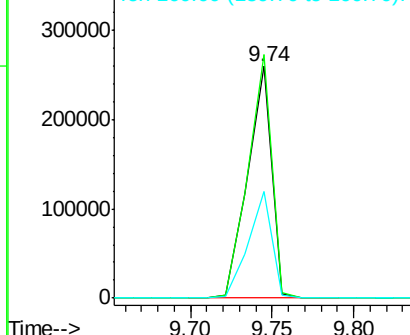


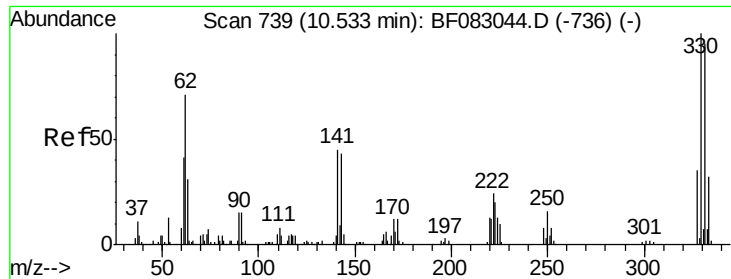
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083092.D
Acq: 20 Nov 2015 21:00

Tgt Ion	164	Resp	264339
Ion Ratio	100	Lower	Upper
162	105.0	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

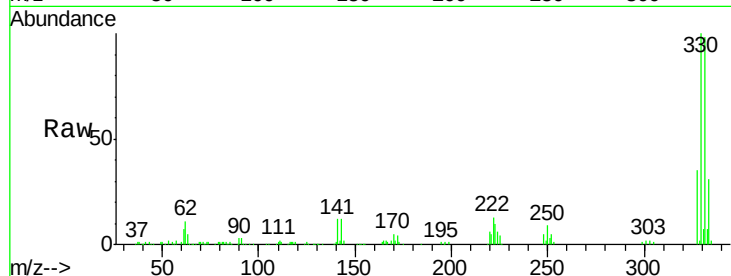




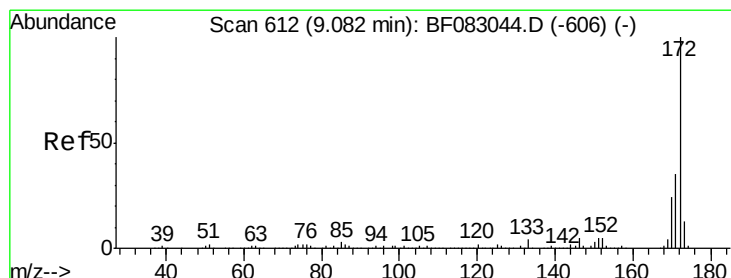
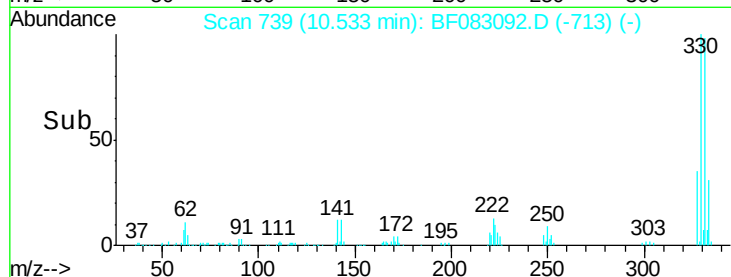
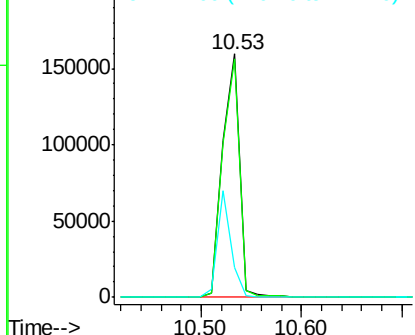
#41
 2,4,6-Tribromophenol
 Concen: 67.28 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083092.D
 Acq: 20 Nov 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-09

Tot Ion:330 Resp: 188828
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.6 116.4
 141 35.3 34.6 52.0

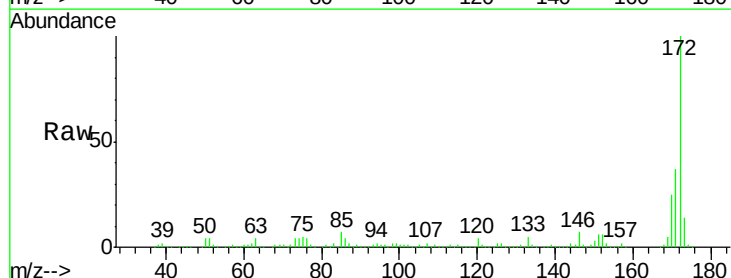


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

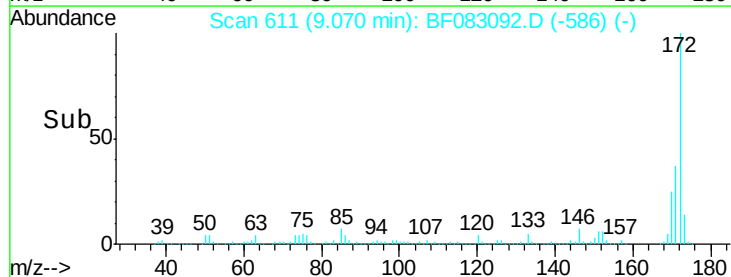
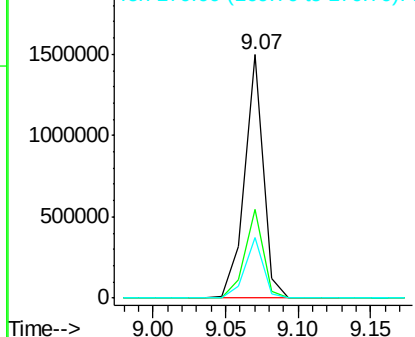


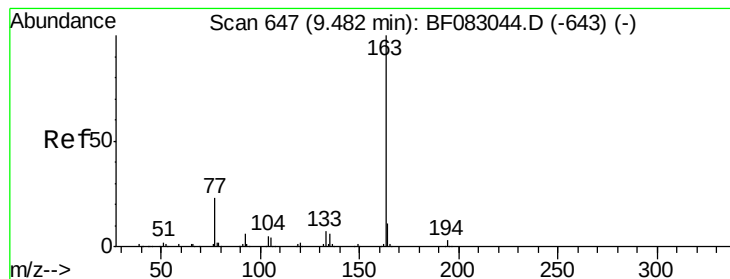
#44
 2-Fluorobiphenyl
 Concen: 68.38 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083092.D
 Acq: 20 Nov 2015 21:00

Tgt Ion:172 Resp: 1342050
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.2 42.4
 170 25.1 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: 17.41 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF083092.D

Acq: 20 Nov 2015 21:00

Instrument :

BNA_F

ClientSampleId :

RW-20151116-09

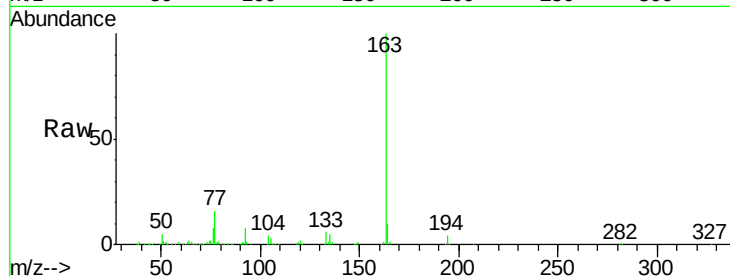
Tot Ion:163 Resp: 378676

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

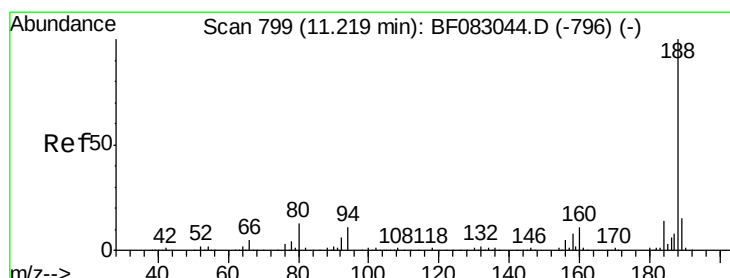
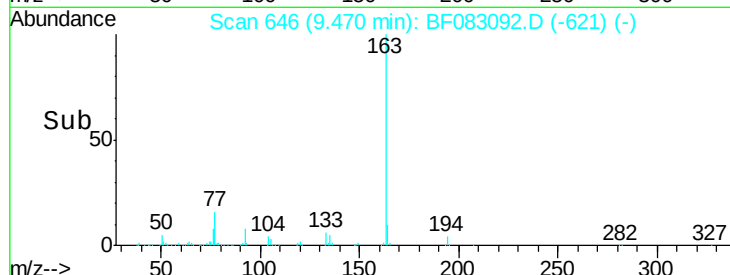
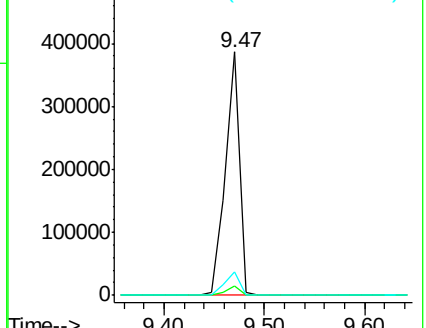
164 9.7 8.5 12.7



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: BF083092.D

Acq: 20 Nov 2015 21:00

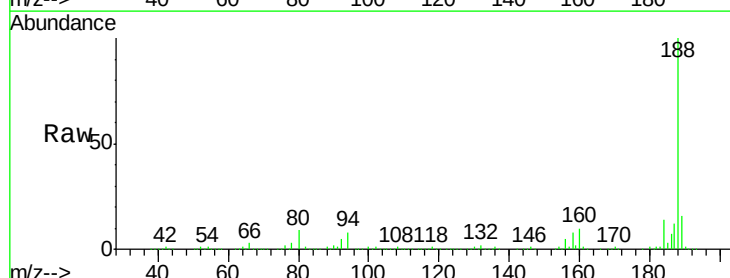
Tgt Ion:188 Resp: 454592

Ion Ratio Lower Upper

188 100

94 7.9 9.0 13.4#

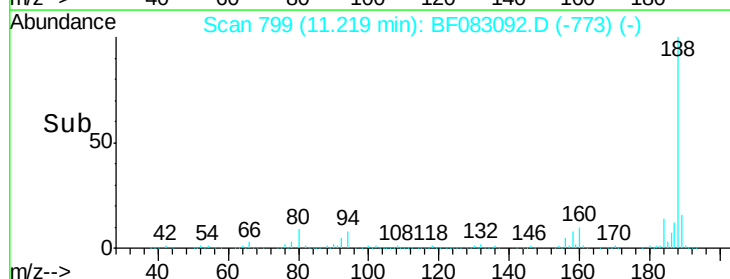
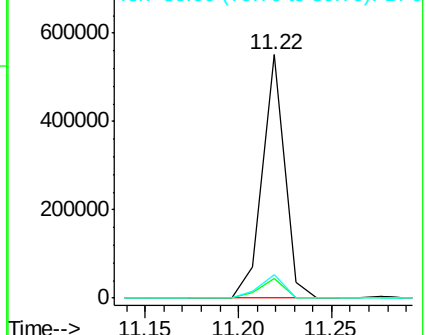
80 9.4 10.2 15.4#

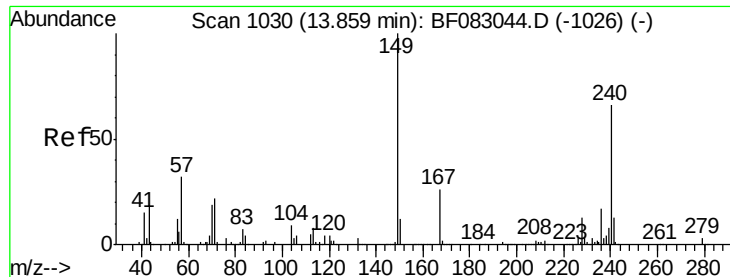


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF083092.D

Acq: 20 Nov 2015 21:00

Instrument :

BNA_F

ClientSampleId :

RW-20151116-09

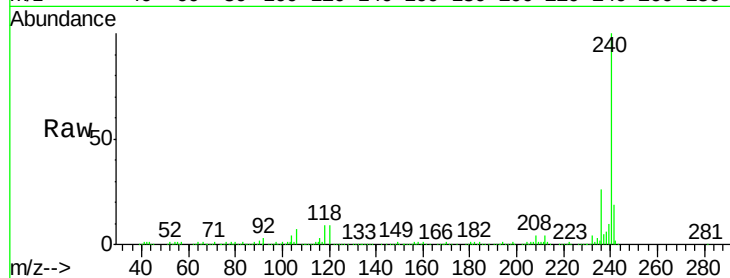
Tot Ion:240 Resp: 407413

Ion Ratio Lower Upper

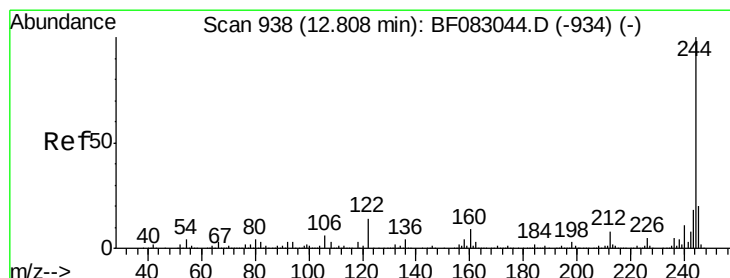
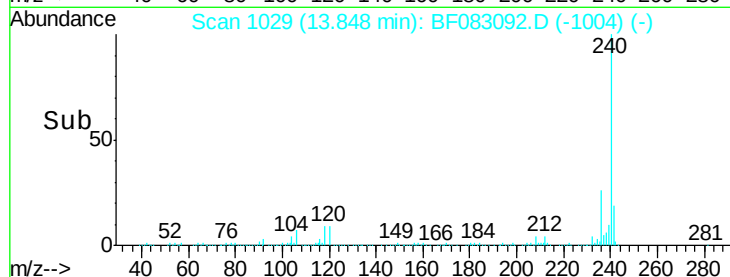
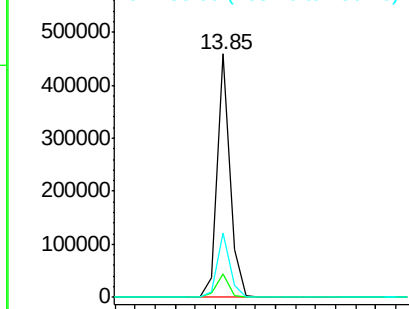
240 100

120 9.5 5.3 7.9#

236 26.4 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: 57.71 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF083092.D

Acq: 20 Nov 2015 21:00

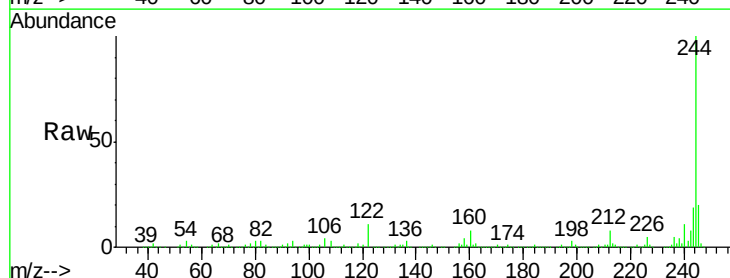
Tgt Ion:244 Resp: 995938

Ion Ratio Lower Upper

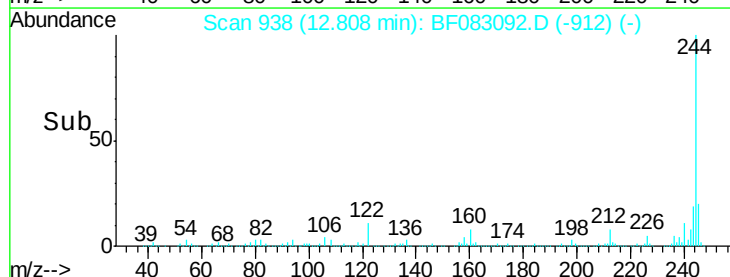
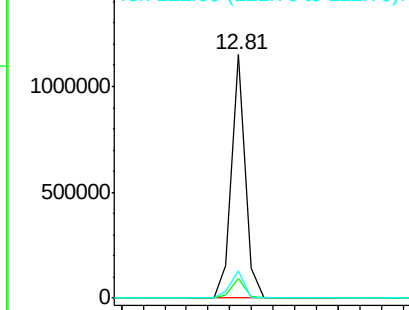
244 100

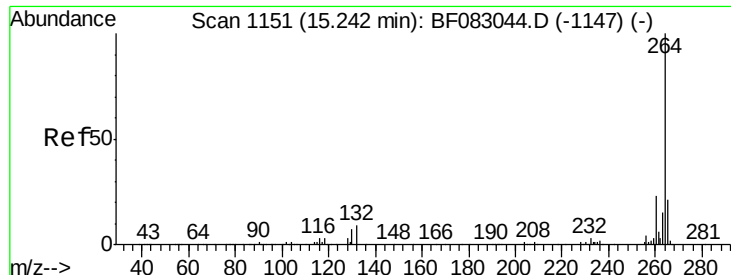
212 8.1 6.4 9.6

122 11.4 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

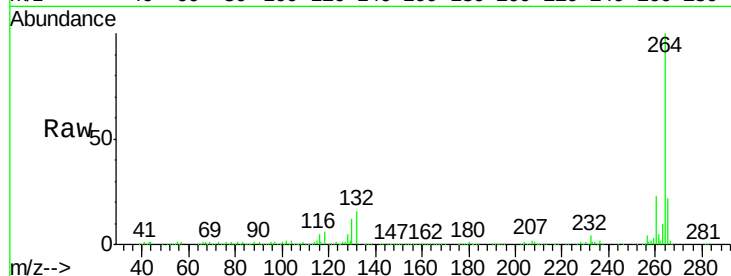




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF083092.D
Acq: 20 Nov 2015 21:00

Instrument :
BNA_F
ClientSampleId :
RW-20151116-09

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	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

