

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
 Data File : BF083800.D
 Acq On : 15 Dec 2015 5:54
 Operator : UM/IZ
 Sample : G4779-15
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-45

Quant Time: Dec 15 06:39:30 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	110807	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	413659	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	211759	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	381339	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	340530	20.00	ng	-0.03
86) Perylene-d12	15.48	264	274078	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	412673	60.08	ng	-0.02
7) Phenol-d6	6.52	99	333261	38.31	ng	-0.02
23) Nitrobenzene-d5	7.46	82	612924	82.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	305028	141.36	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1223480	84.49	ng	-0.02
78) Terphenyl-d14	13.00	244	1174267	74.18	ng	-0.02

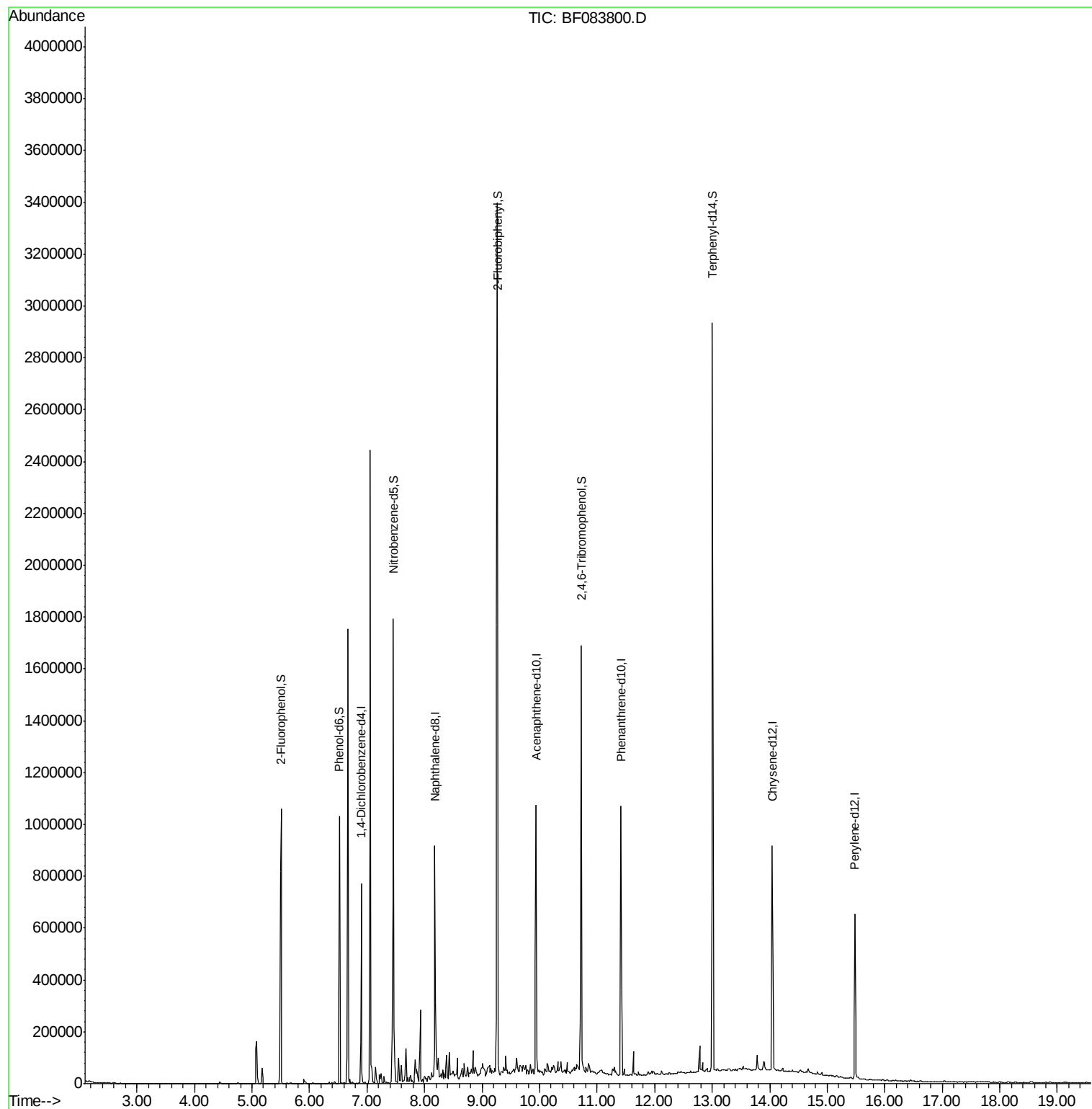
Target Compounds Qvalue

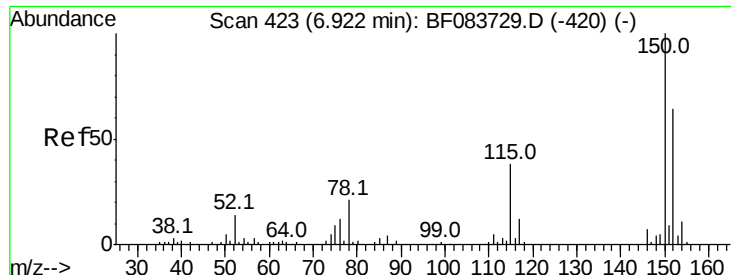
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083800.D

Acq: 15 Dec 2015 5:54

Instrument :

BNA_F

ClientSampleId :

W-45

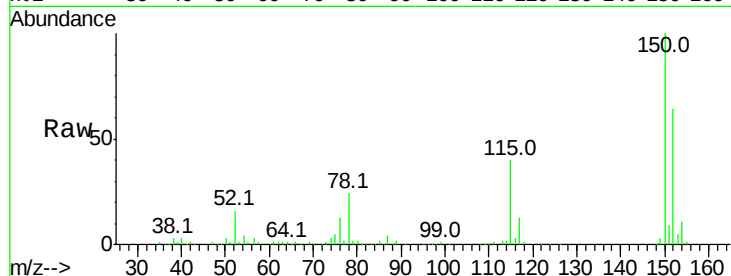
Tot Ion:152 Resp: 110807

Ion Ratio Lower Upper

152 100

150 156.5 126.5 189.7

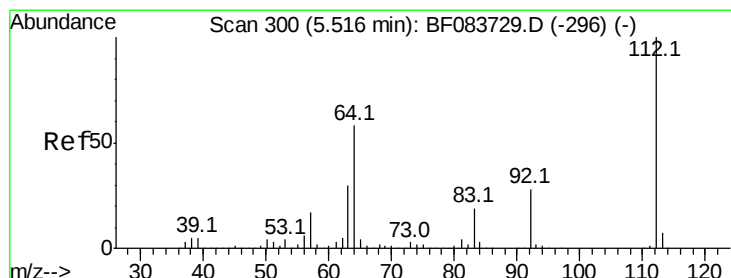
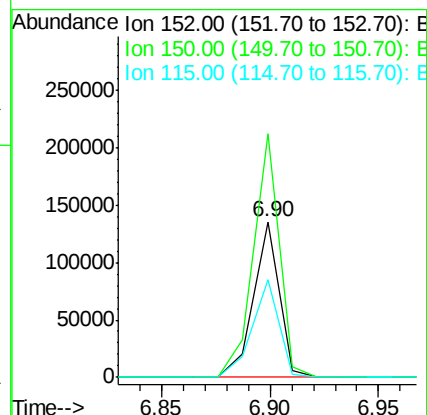
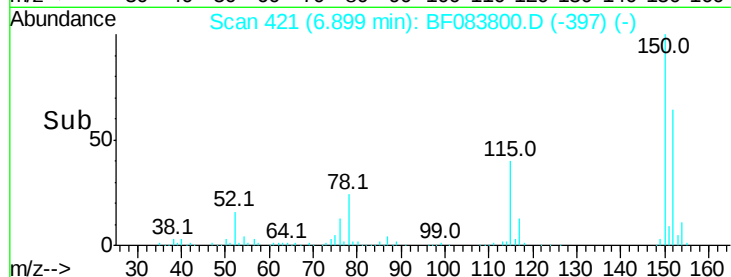
115 62.9 52.3 78.5



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: 60.08 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083800.D

Acq: 15 Dec 2015 5:54

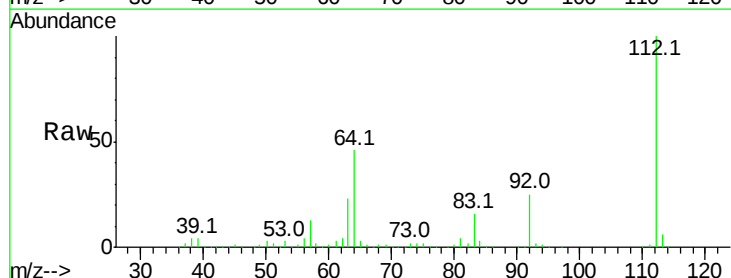
Tgt Ion:112 Resp: 412673

Ion Ratio Lower Upper

112 100

64 46.3 50.5 75.7#

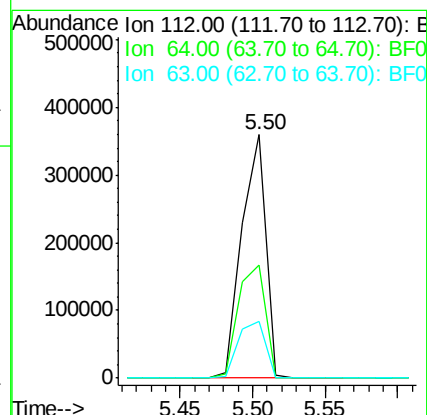
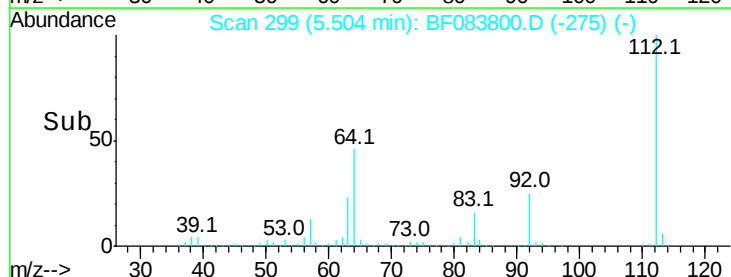
63 23.4 25.8 38.6#

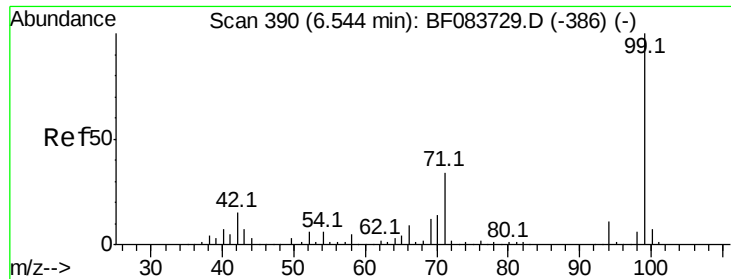


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.31 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083800.D

Acq: 15 Dec 2015 5:54

Instrument :

BNA_F

ClientSampleId :

W-45

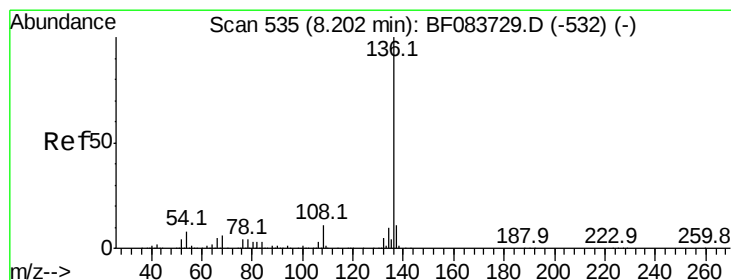
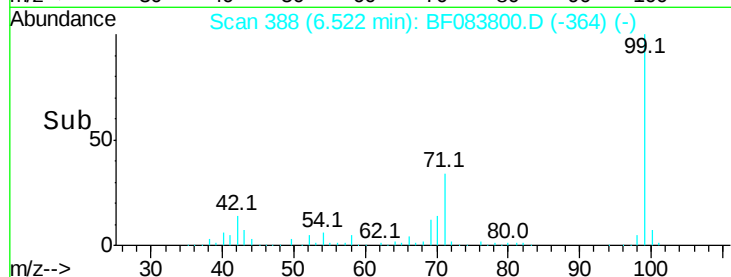
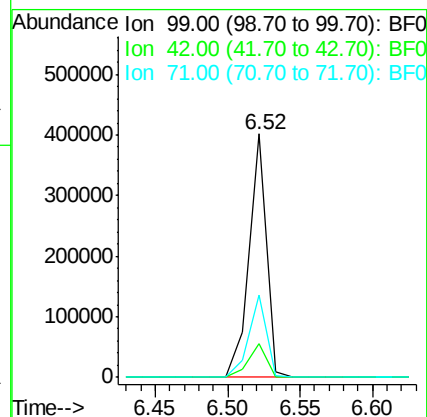
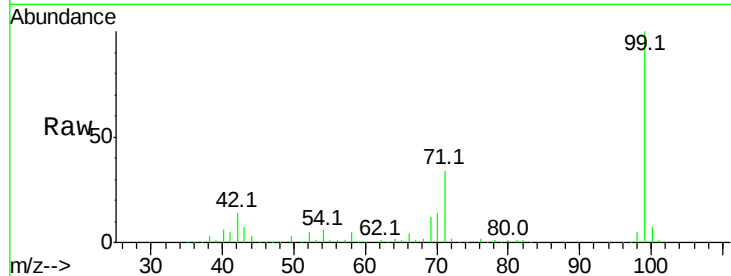
Tot Ion: 99 Resp: 333261

Ion Ratio Lower Upper

99 100

42 14.1 17.3 25.9#

71 33.9 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: BF083800.D

Acq: 15 Dec 2015 5:54

Tgt Ion: 136 Resp: 413659

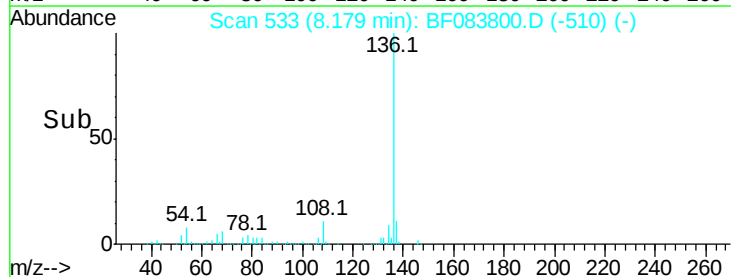
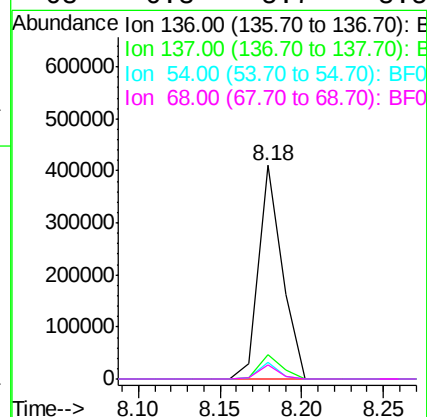
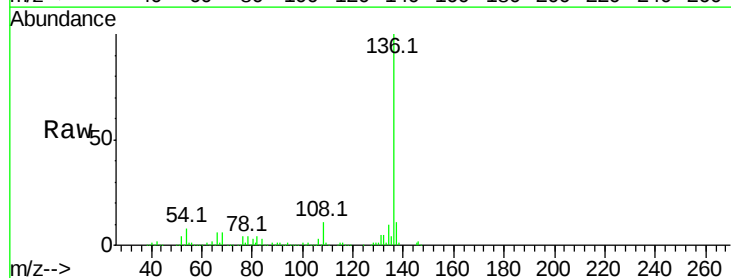
Ion Ratio Lower Upper

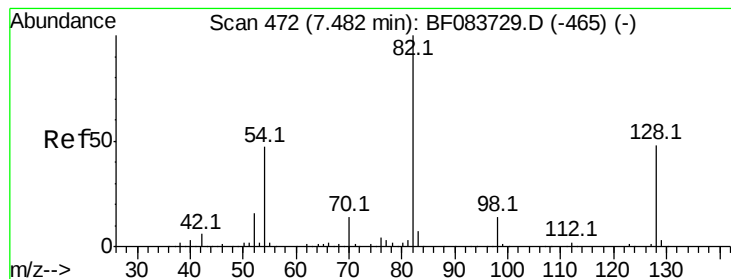
136 100

137 11.3 8.7 13.1

54 7.7 7.8 11.6#

68 6.3 5.7 8.5





#23

Nitrobenzene-d5

Concen: 82.90 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF083800.D

Acq: 15 Dec 2015 5:54

Instrument :

BNA_F

ClientSampleId :

W-45

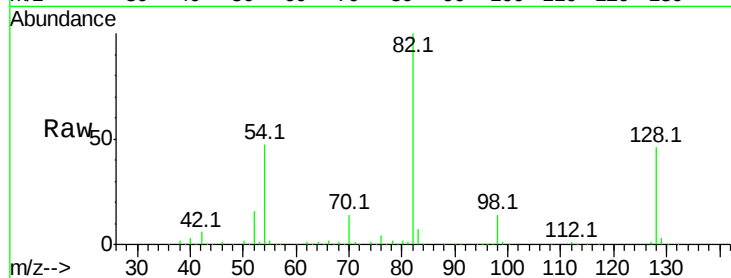
Tot Ion: 82 Resp: 612924

Ion Ratio Lower Upper

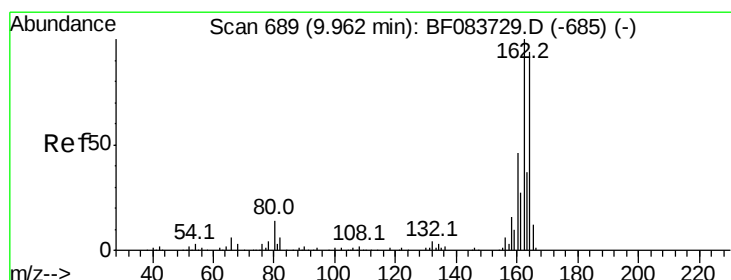
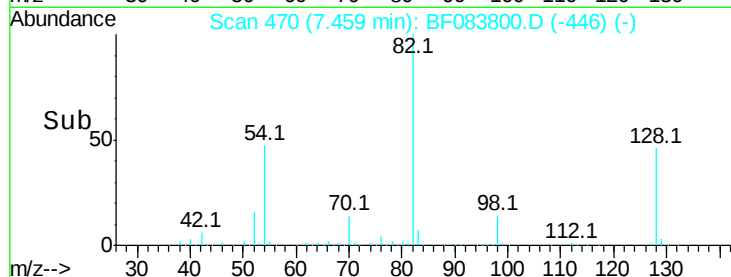
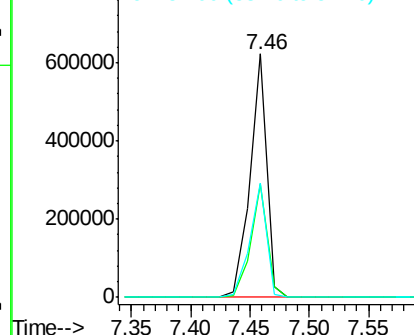
82 100

128 46.4 30.7 46.1#

54 47.0 42.5 63.7



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: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF083800.D

Acq: 15 Dec 2015 5:54

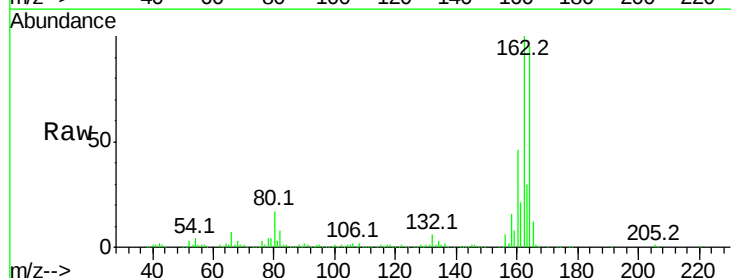
Tgt Ion:164 Resp: 211759

Ion Ratio Lower Upper

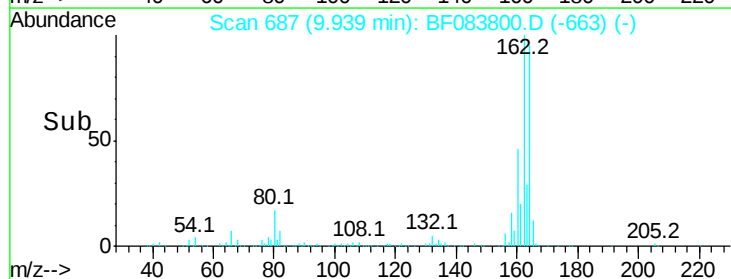
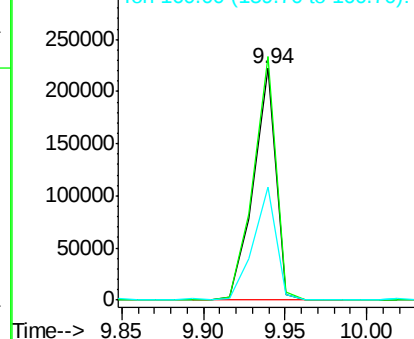
164 100

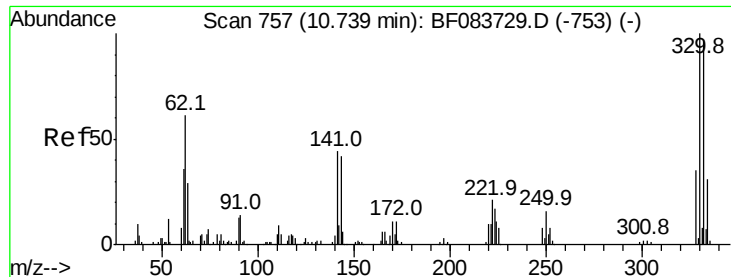
162 105.0 78.8 118.2

160 48.8 33.4 50.2



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

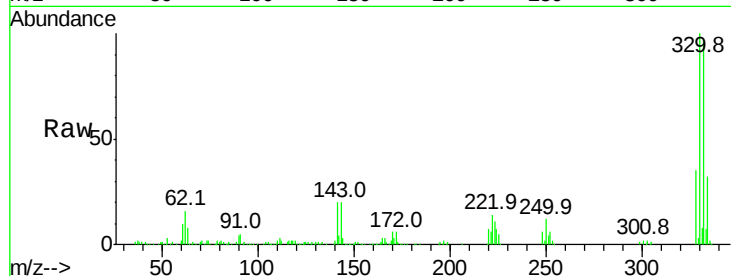




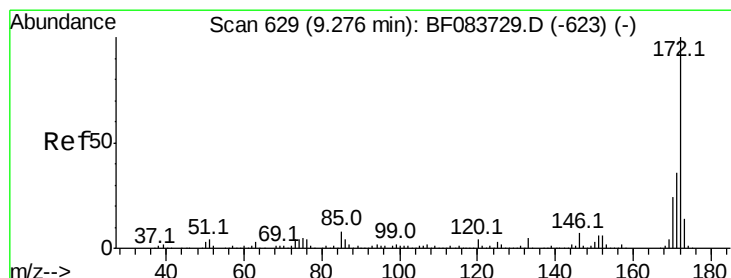
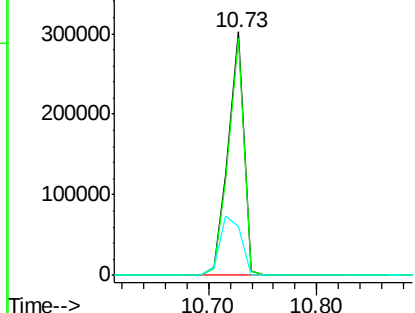
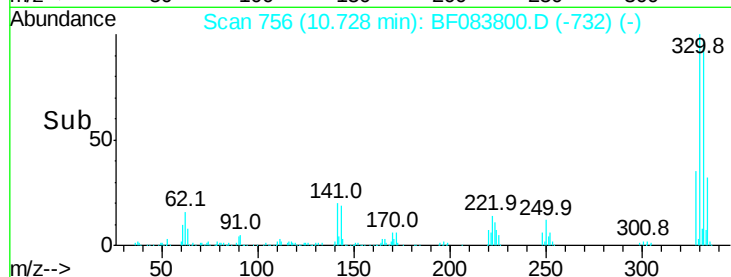
#41
 2,4,6-Tribromophenol
 Concen: 141.36 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083800.D
 Acq: 15 Dec 2015 5:54

Instrument :
 BNA_F
 ClientSampleId :
 W-45

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	32.4	0.0	0.0#

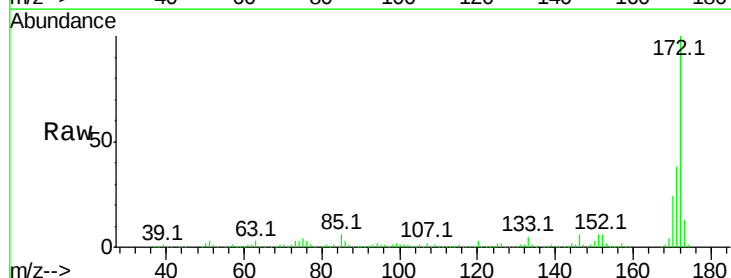


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

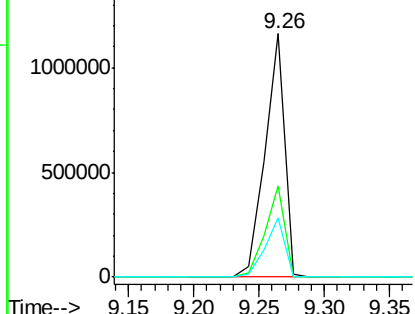
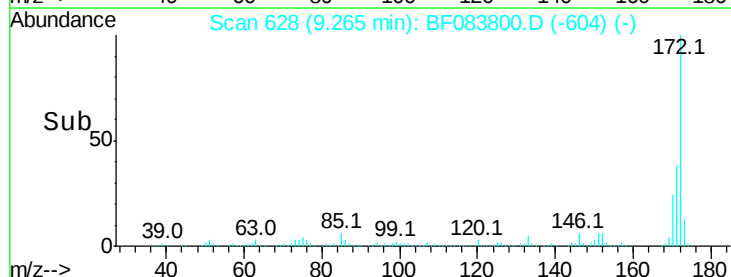


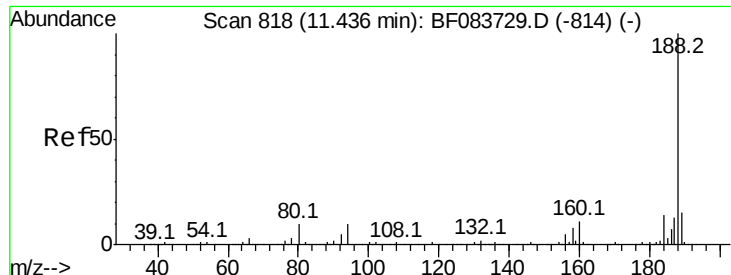
#44
 2-Fluorobiphenyl
 Concen: 84.49 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083800.D
 Acq: 15 Dec 2015 5:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.6	42.8
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

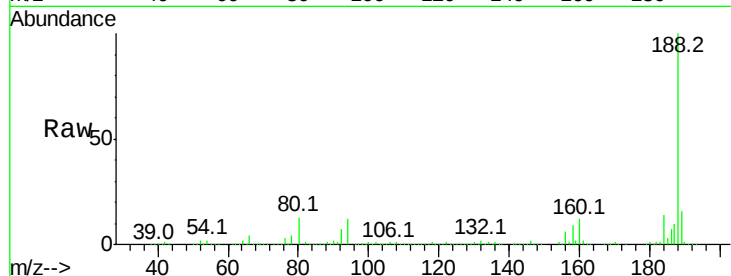




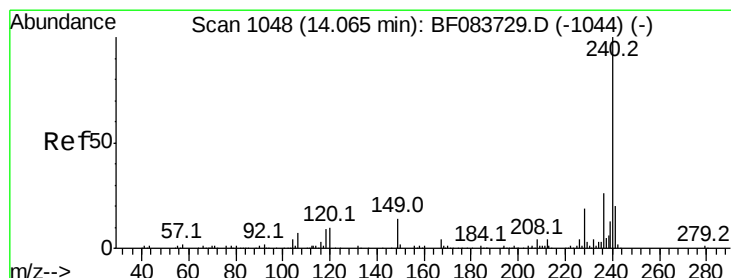
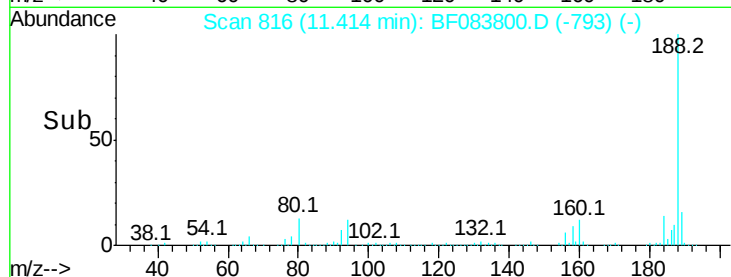
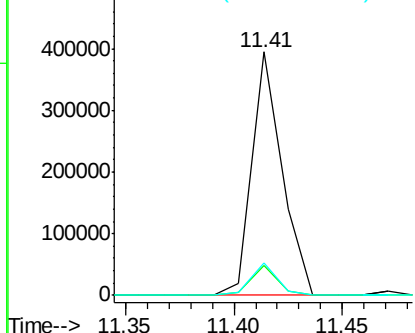
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083800.D
Acq: 15 Dec 2015 5:54

Instrument :
BNA_F
ClientSampled :
W-45

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.4	14.2
80	13.2	10.6	16.0

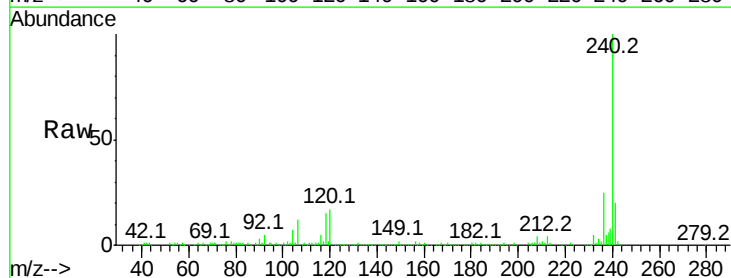


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

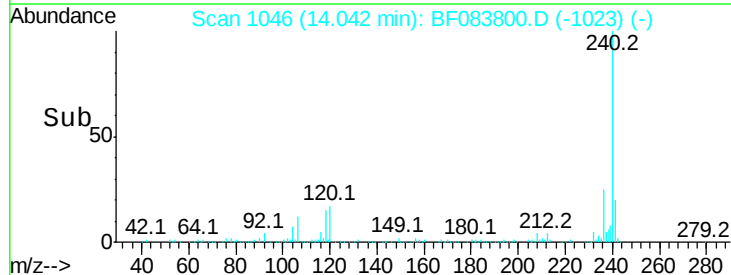
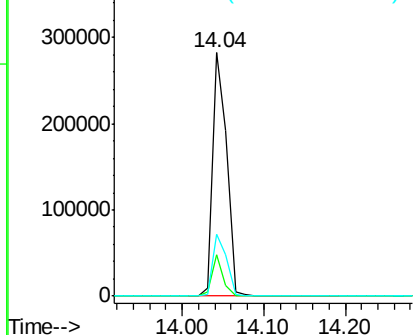


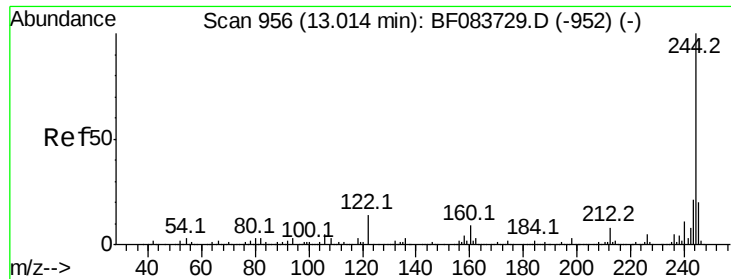
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF083800.D
Acq: 15 Dec 2015 5:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.2	8.1	12.1#
236	25.2	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

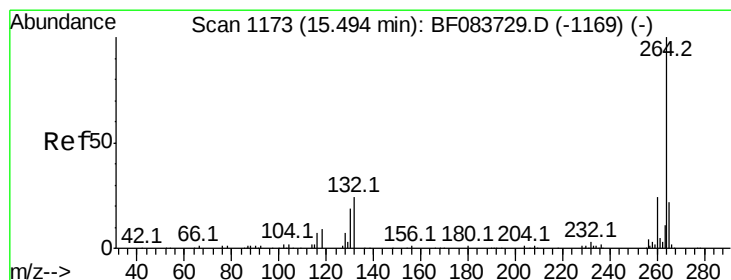
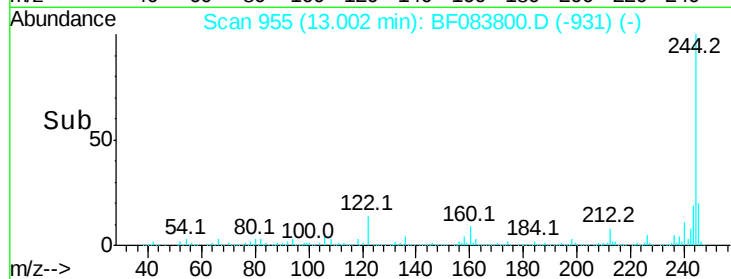
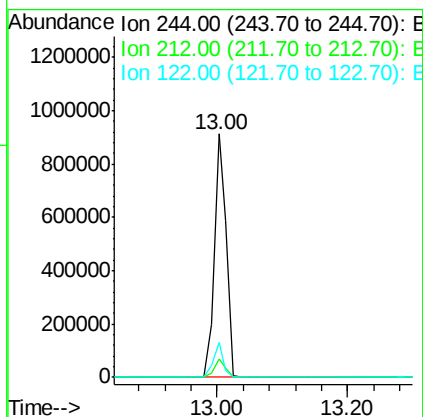
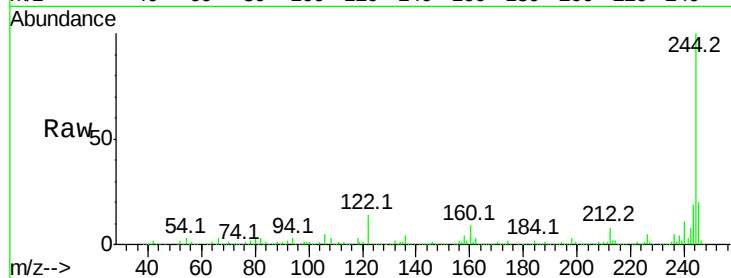




#78
 Terphenyl-d14
 Concen: 74.18 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083800.D
 Acq: 15 Dec 2015 5:54

Instrument :
 BNA_F
 ClientSampleId :
 W-45

Tot Ion:244 Resp: 1174267
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 14.2 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083800.D
 Acq: 15 Dec 2015 5:54

Tgt Ion:264 Resp: 274078
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.0
 265 21.8 17.8 26.6

