

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084063.D
 Acq On : 24 Dec 2015 5:13
 Operator : UM/SJ
 Sample : G4925-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Quant Time: Dec 24 07:25:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	52389	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	195997	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	94205	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	141175	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	91893	20.00	ng	-0.01
86) Perylene-d12	15.41	264	86519	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	161709	52.63	ng	0.00
7) Phenol-d6	6.46	99	120333	33.31	ng	-0.01
23) Nitrobenzene-d5	7.39	82	308569	96.72	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	106597	117.64	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	620216	88.60	ng	-0.01
78) Terphenyl-d14	12.92	244	363193	94.26	ng	-0.01

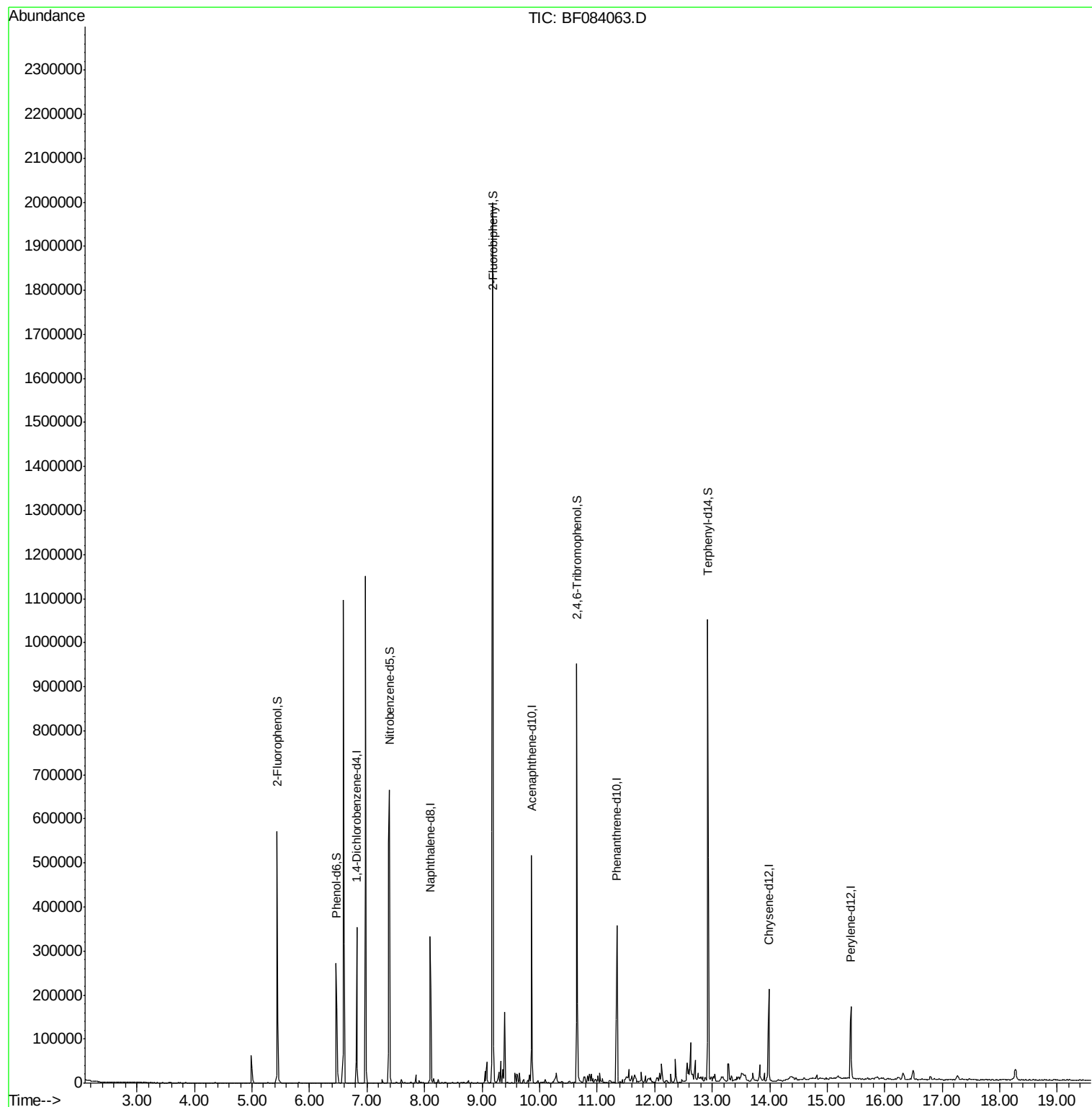
Target Compounds Qvalue

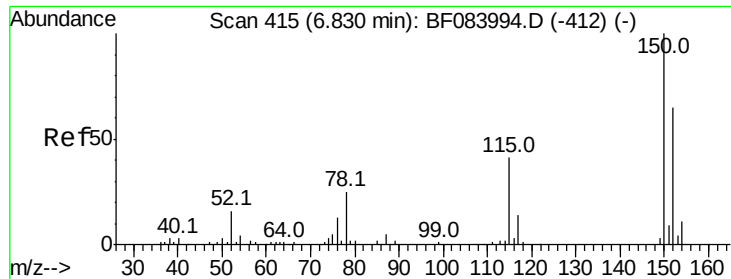
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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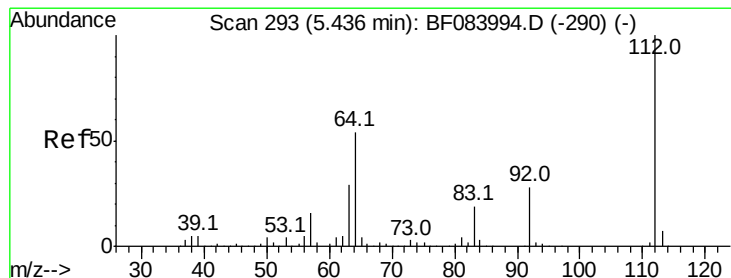
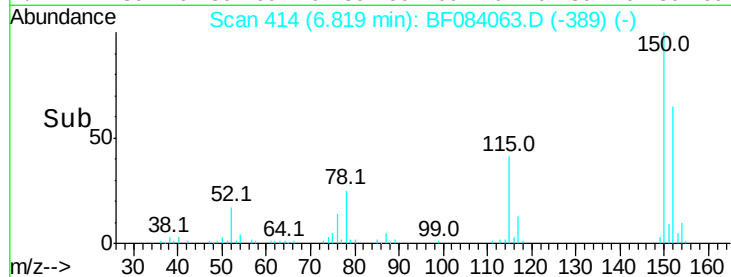
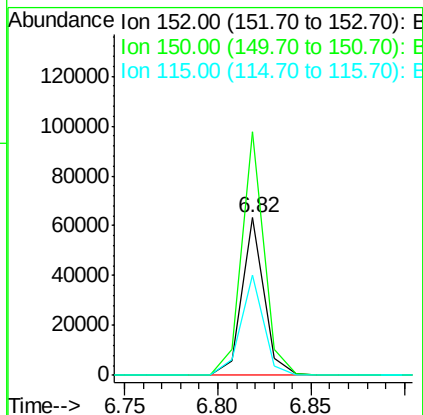
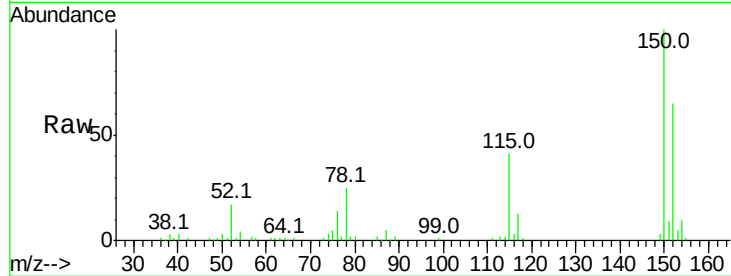


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF084063.D
Acq: 24 Dec 2015 5:13

Instrument :
BNA_F
ClientSampleId :
MW-22

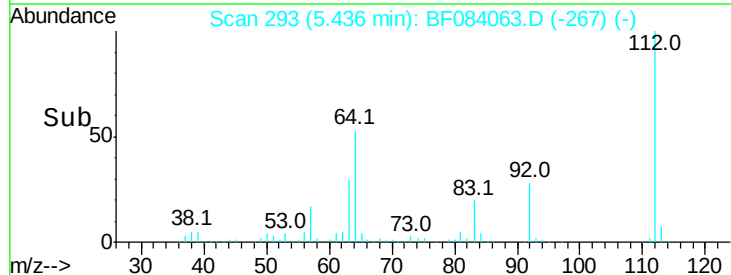
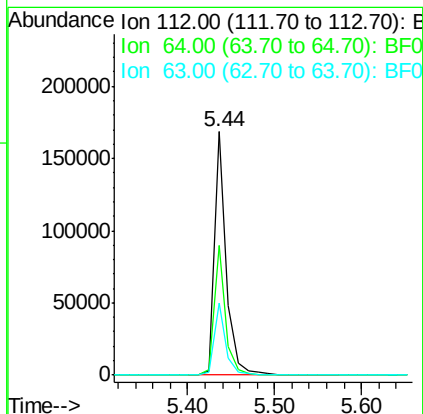
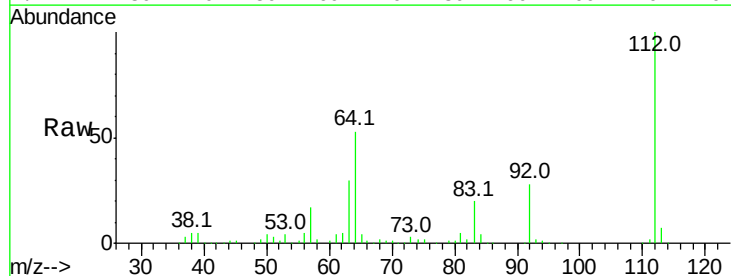
Tot Ion:152 Resp: 52389
Ion Ratio Lower Upper
152 100
150 154.6 123.0 184.4
115 64.0 51.4 77.2

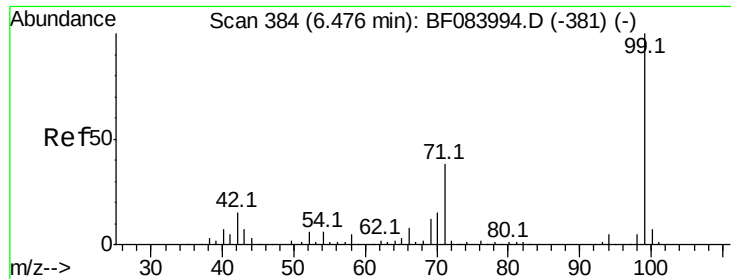


#5

2-Fluorophenol
Concen: 52.63 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.00 min
Lab File: BF084063.D
Acq: 24 Dec 2015 5:13

Tgt Ion:112 Resp: 161709
Ion Ratio Lower Upper
112 100
64 53.4 36.6 55.0
63 29.5 19.4 29.0#





#7

Phenol-d6

Concen: 33.31 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF084063.D

Acq: 24 Dec 2015 5:13

Instrument :

BNA_F

ClientSampled :

MW-22

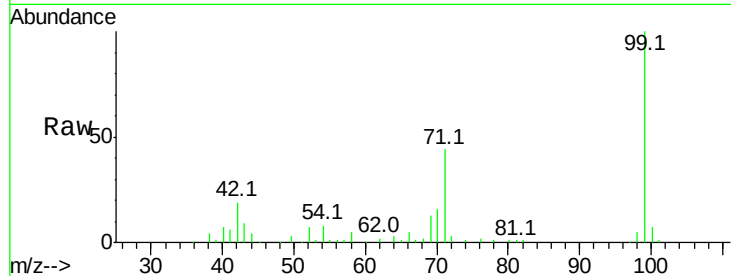
Tot Ion: 99 Resp: 120333

Ion Ratio Lower Upper

99 100

42 18.7 12.8 19.2

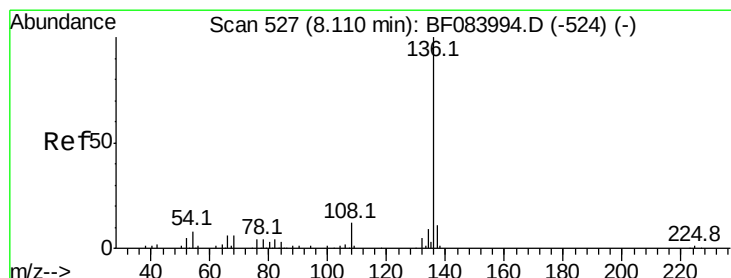
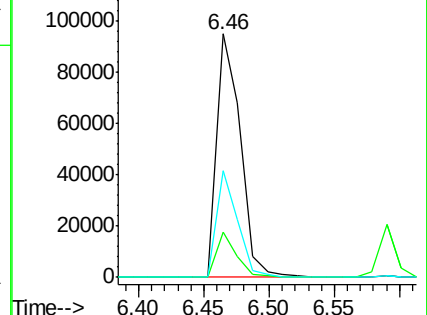
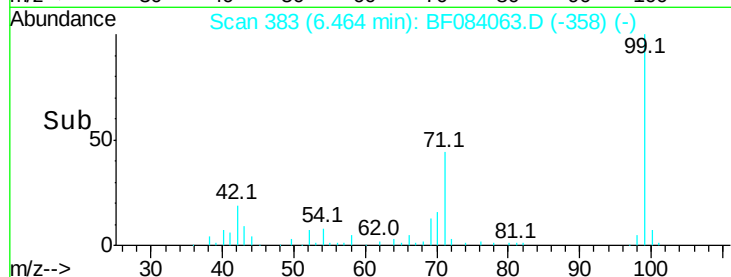
71 43.6 30.9 46.3



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: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF084063.D

Acq: 24 Dec 2015 5:13

Tgt Ion: 136 Resp: 195997

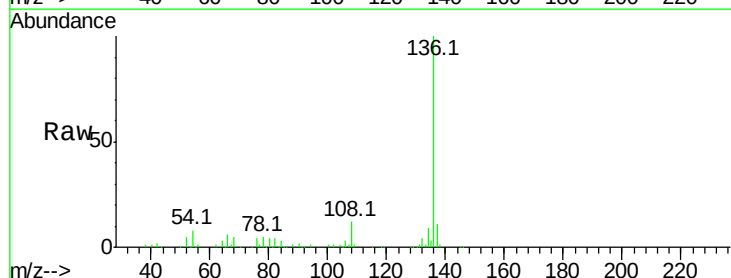
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.5 5.8 8.8

68 5.3 4.2 6.2

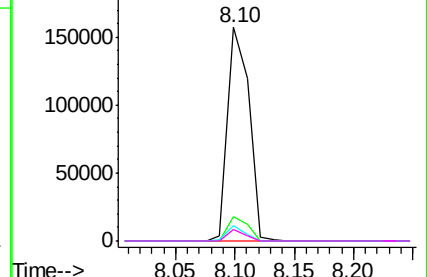
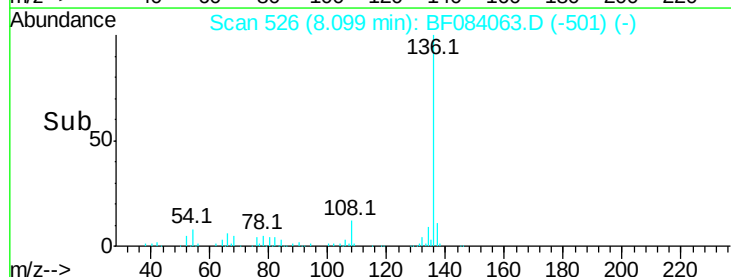


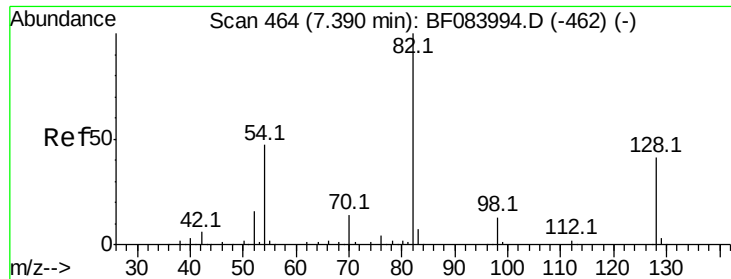
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 96.72 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084063.D

Acq: 24 Dec 2015 5:13

Instrument :

BNA_F

ClientSampled :

MW-22

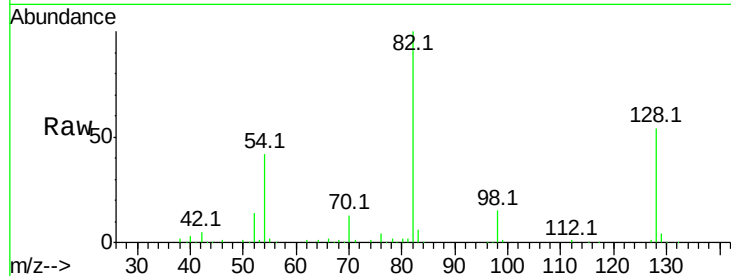
Tot Ion: 82 Resp: 308569

Ion Ratio Lower Upper

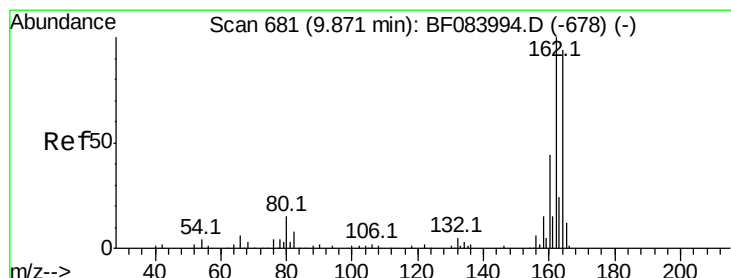
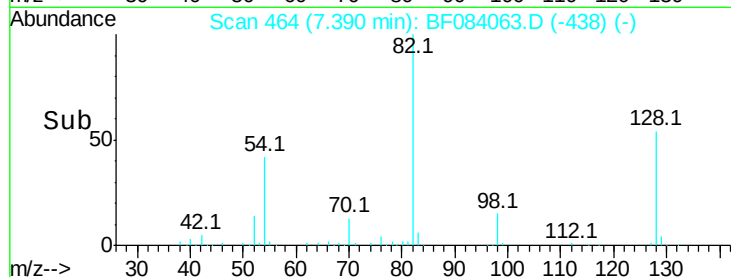
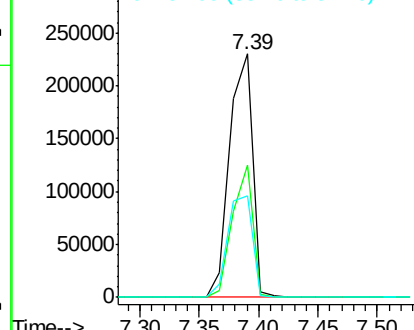
82 100

128 54.4 34.6 51.8#

54 41.5 38.4 57.6



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: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF084063.D

Acq: 24 Dec 2015 5:13

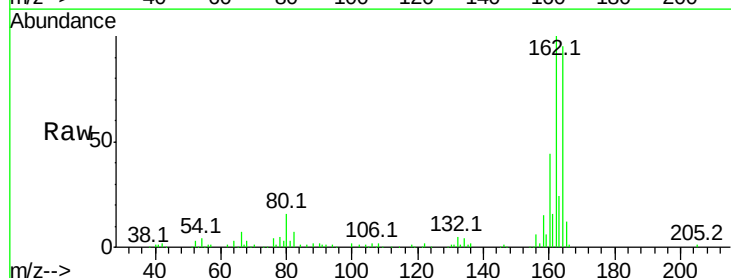
Tgt Ion:164 Resp: 94205

Ion Ratio Lower Upper

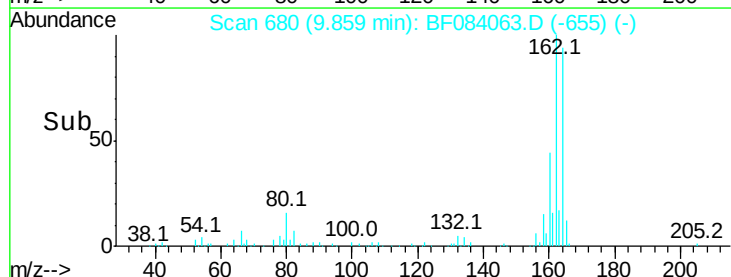
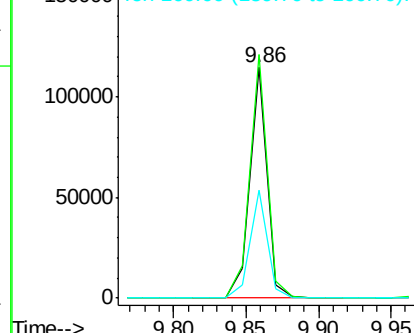
164 100

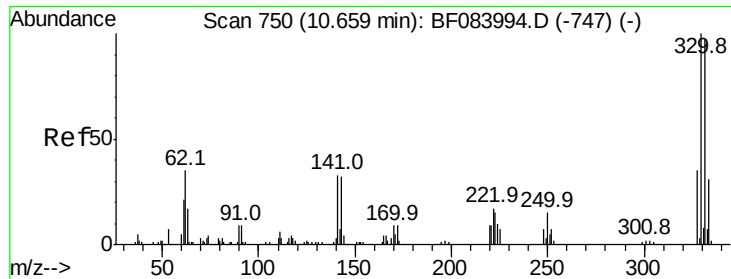
162 105.7 85.1 127.7

160 46.8 37.5 56.3



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

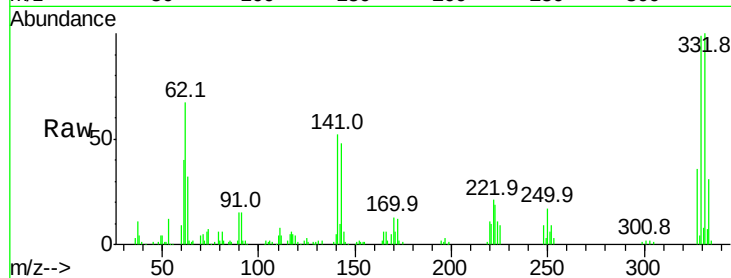




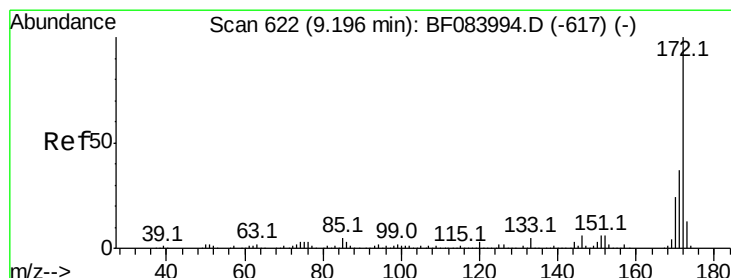
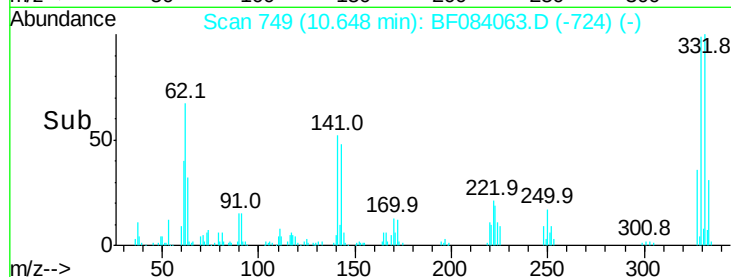
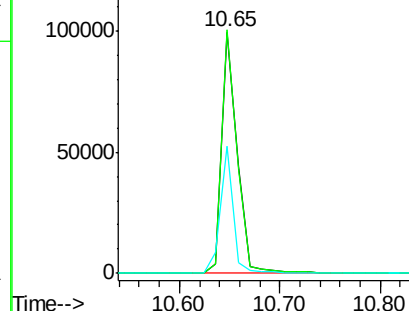
#41
 2,4,6-Tribromophenol
 Concen: 117.64 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF084063.D
 Acq: 24 Dec 2015 5:13

Instrument :
 BNA_F
 ClientSampled :
 MW-22

Tot Ion:330 Resp: 106597
 Ion Ratio Lower Upper
 330 100
 332 99.5 76.6 114.8
 141 43.7 27.8 41.6#

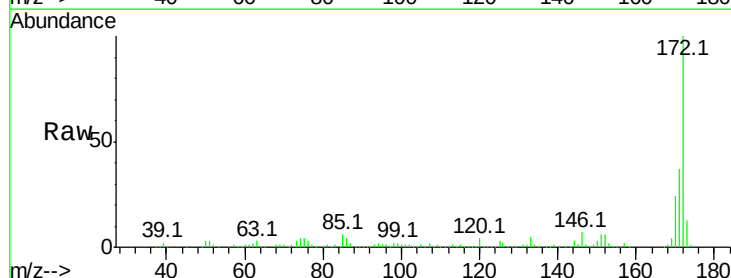


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

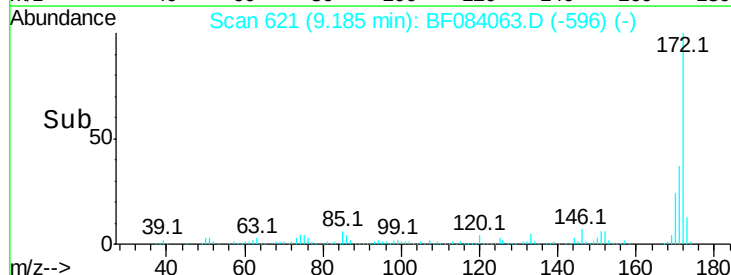
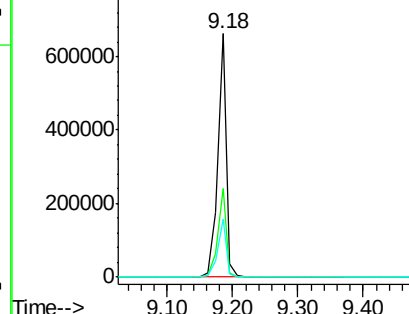


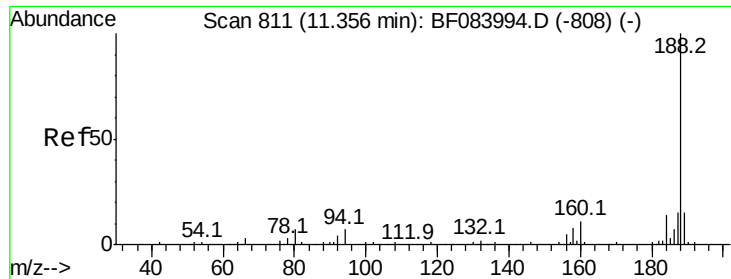
#44
 2-Fluorobiphenyl
 Concen: 88.60 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084063.D
 Acq: 24 Dec 2015 5:13

Tgt Ion:172 Resp: 620216
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 23.9 18.6 27.8



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

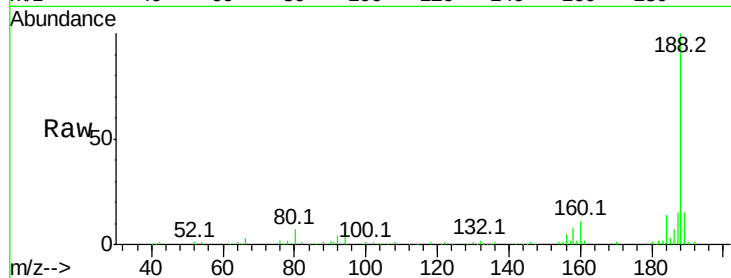




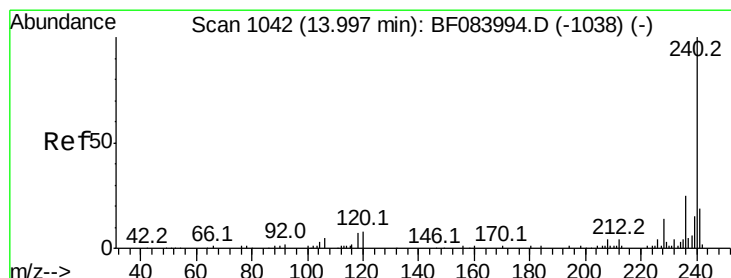
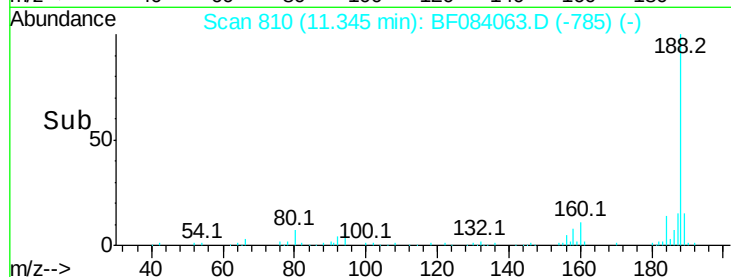
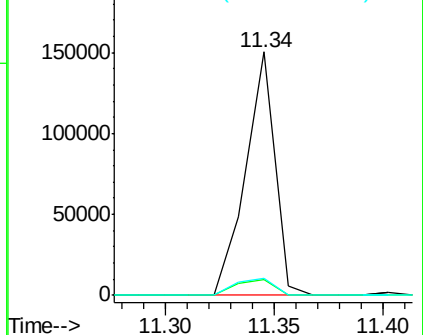
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF084063.D
Acq: 24 Dec 2015 5:13

Instrument :
BNA_F
ClientSampleId :
MW-22

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.3	9.0	13.4#
80	6.9	9.6	14.4#

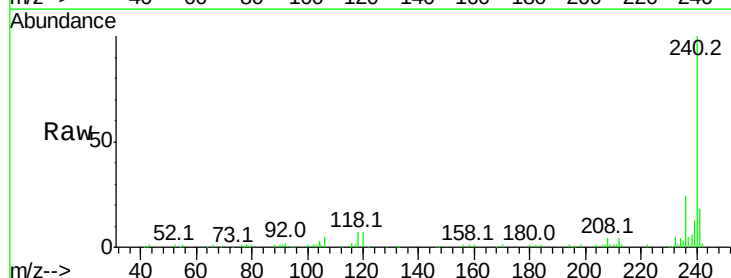


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

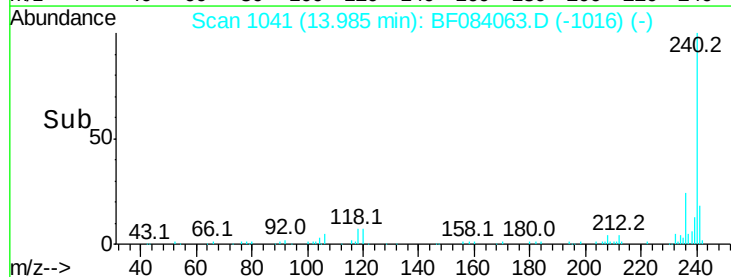
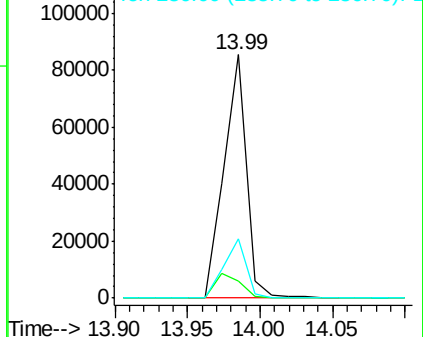


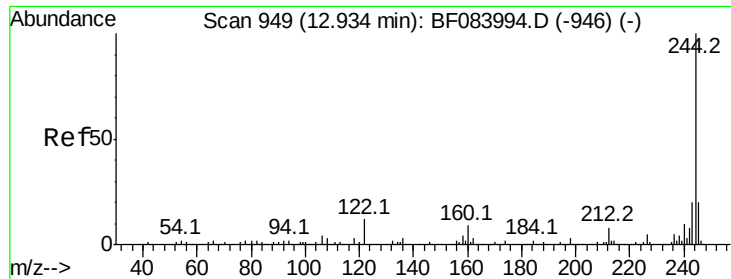
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084063.D
Acq: 24 Dec 2015 5:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.2	9.5	14.3#
236	24.3	20.6	31.0



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

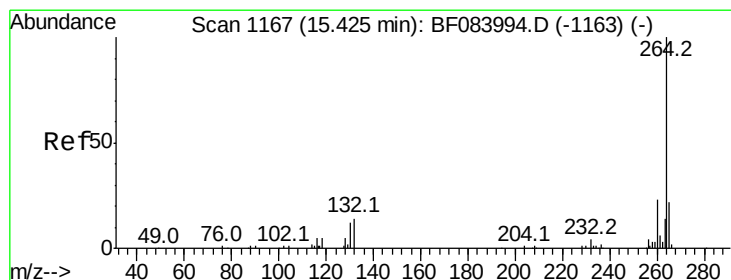
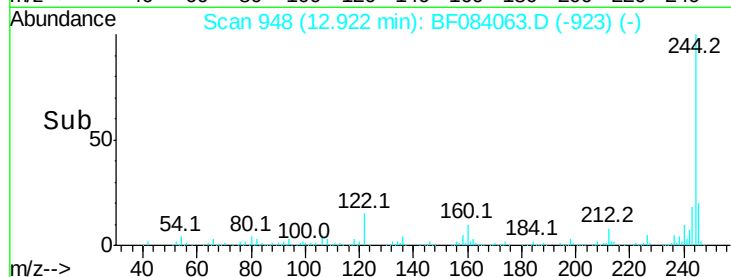
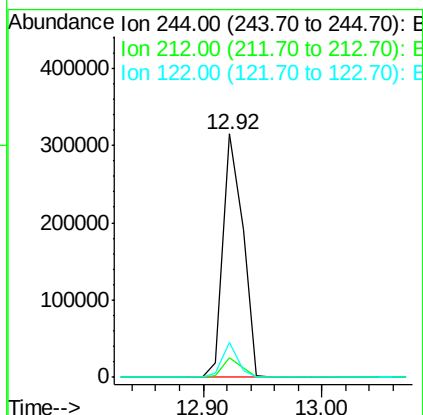
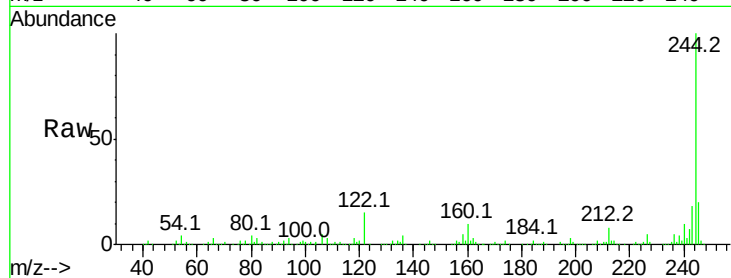




#78
 Terphenyl-d14
 Concen: 94.26 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF084063.D
 Acq: 24 Dec 2015 5:13

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Tot Ion:244 Resp: 363193
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.7 8.5
 122 14.6 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF084063.D
 Acq: 24 Dec 2015 5:13

Tgt Ion:264 Resp: 86519
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.5 17.8 26.6

