

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084065.D
 Acq On : 24 Dec 2015 6:10
 Operator : UM/SJ
 Sample : G4925-03
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Quant Time: Dec 24 07:32:09 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	54326	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	193695	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	80670	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	119428	20.00	ng	0.00
75) Chrysene-d12	13.99	240	91498	20.00	ng	-0.01
86) Perylene-d12	15.41	264	84711	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	181749	57.04	ng	0.01
7) Phenol-d6	6.48	99	143455	38.29	ng	0.00
23) Nitrobenzene-d5	7.39	82	317725	100.77	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	115555	148.92	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	533229	88.96	ng	-0.01
78) Terphenyl-d14	12.93	244	290458	75.70	ng	0.00

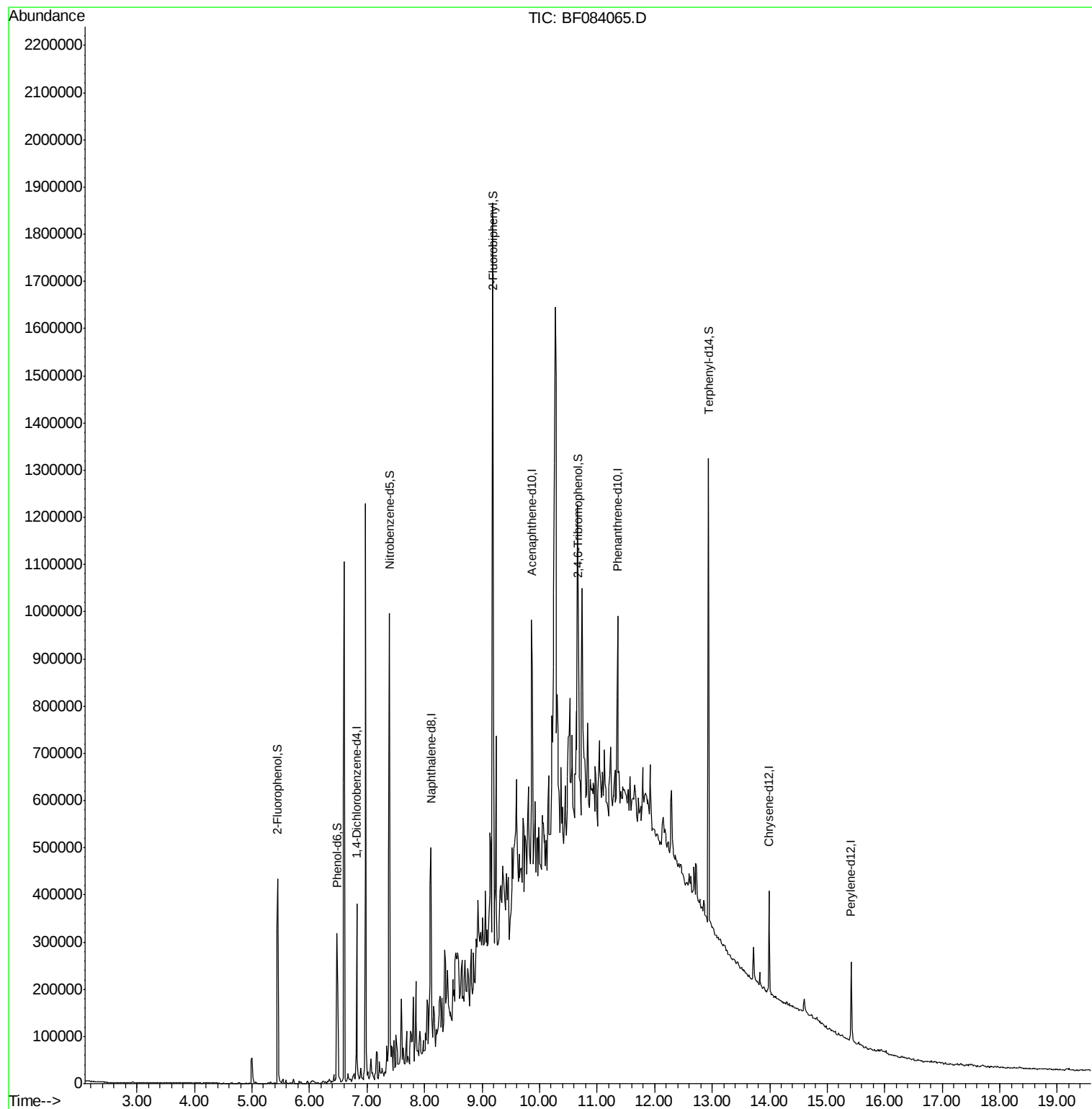
Target Compounds Qvalue

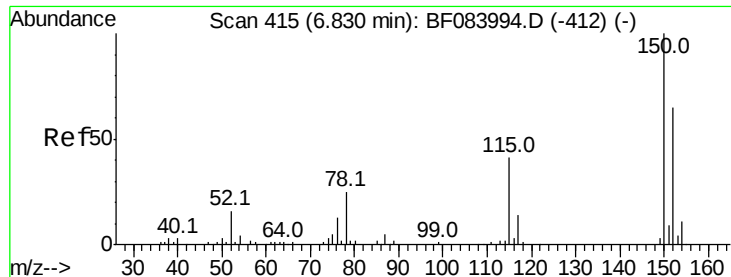
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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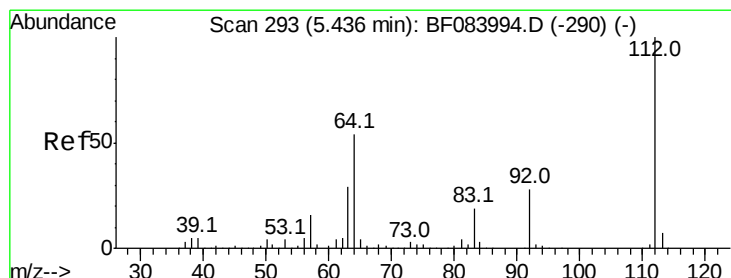
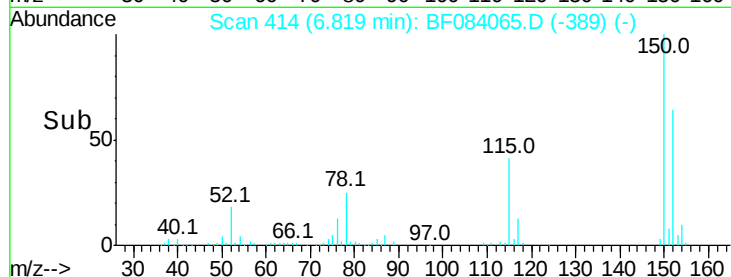
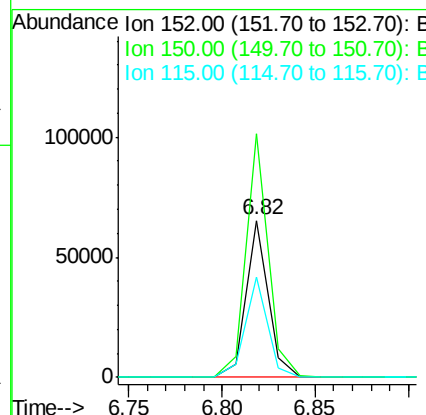
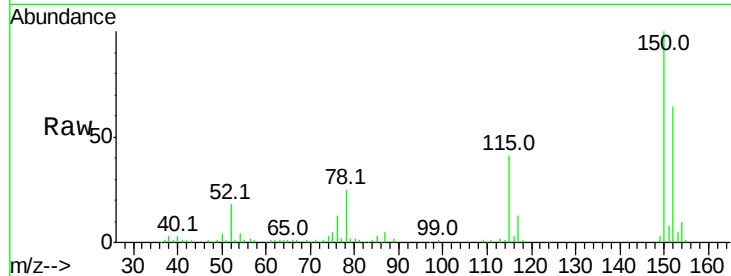


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF084065.D
Acq: 24 Dec 2015 6:10

Instrument :
BNA_F
ClientSampleId :
MW-15

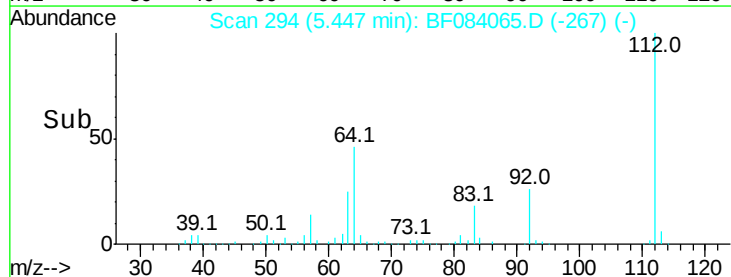
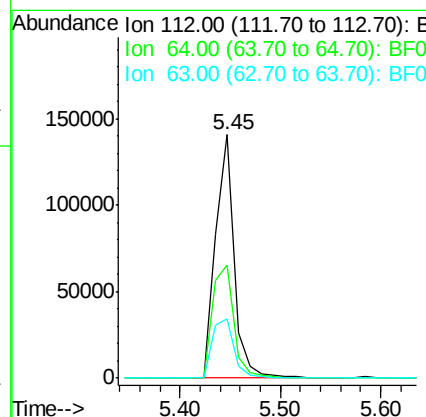
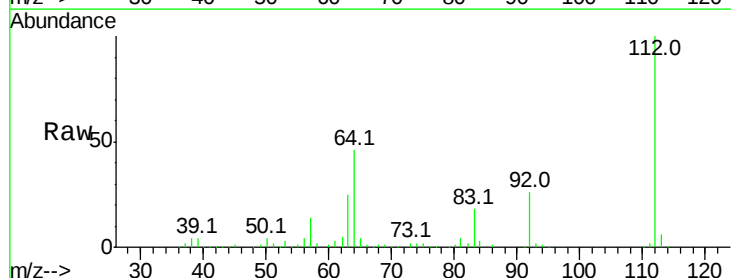
Tot Ion:152 Resp: 54326
Ion Ratio Lower Upper
152 100
150 155.5 123.0 184.4
115 63.9 51.4 77.2

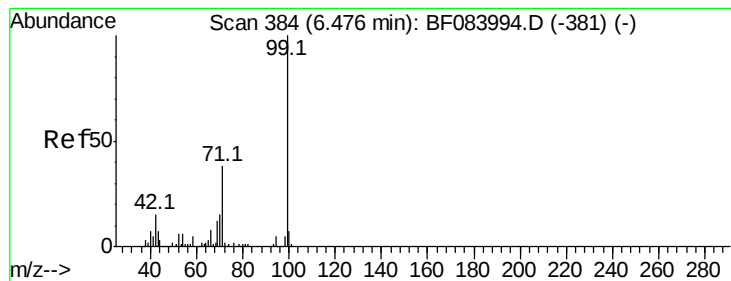


#5

2-Fluorophenol
Concen: 57.04 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF084065.D
Acq: 24 Dec 2015 6:10

Tgt Ion:112 Resp: 181749
Ion Ratio Lower Upper
112 100
64 46.3 36.6 55.0
63 24.6 19.4 29.0





#7

Phenol-d6

Concen: 38.29 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084065.D

Acq: 24 Dec 2015 6:10

Instrument :

BNA_F

ClientSampled :

MW-15

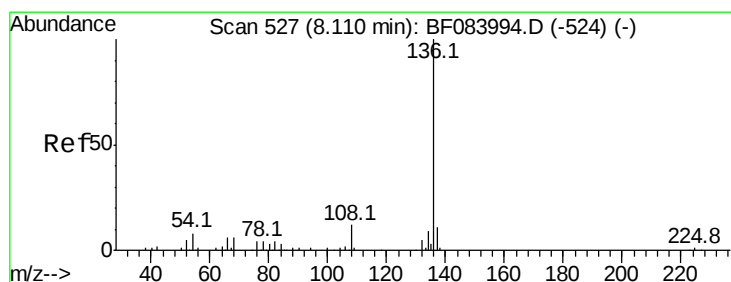
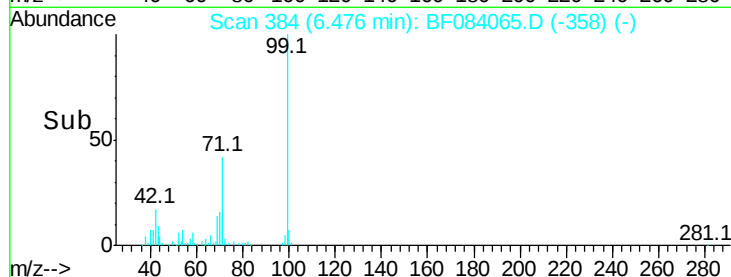
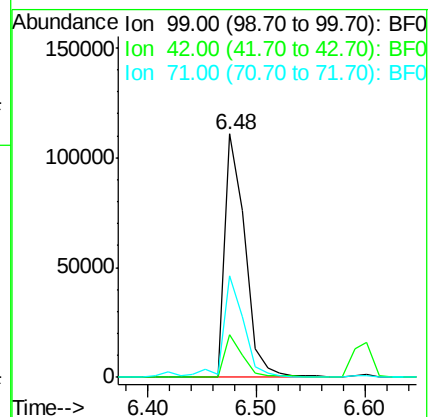
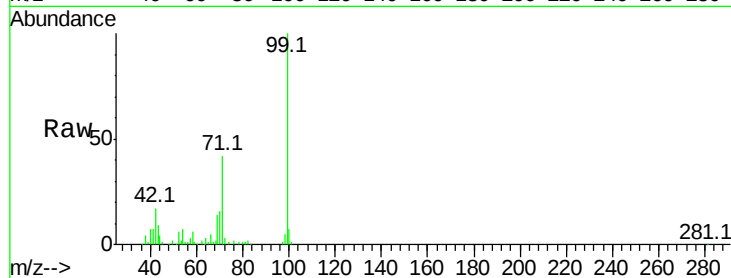
Tot Ion: 99 Resp: 143455

Ion Ratio Lower Upper

99 100

42 17.4 12.8 19.2

71 41.5 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084065.D

Acq: 24 Dec 2015 6:10

Tgt Ion: 136 Resp: 193695

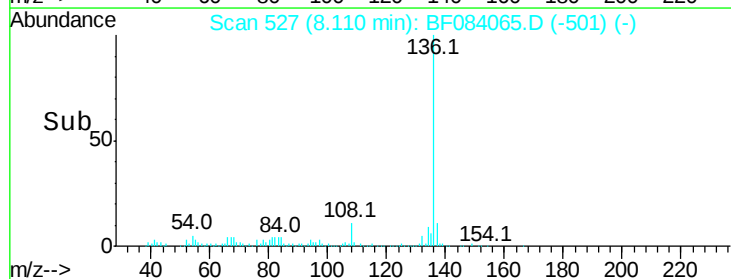
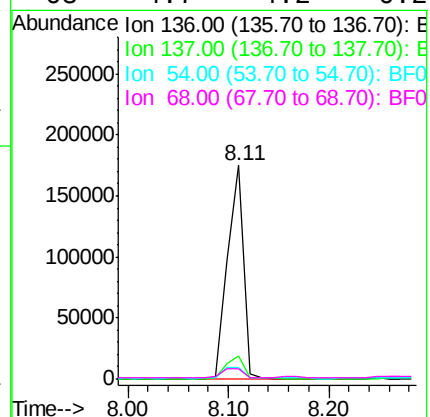
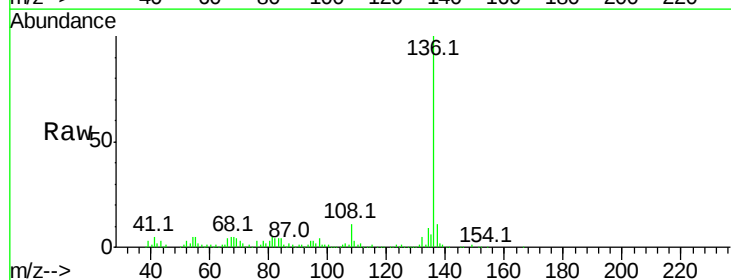
Ion Ratio Lower Upper

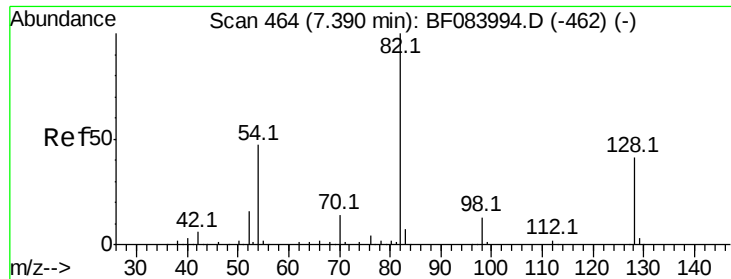
136 100

137 10.6 8.7 13.1

54 5.3 5.8 8.8#

68 4.7 4.2 6.2

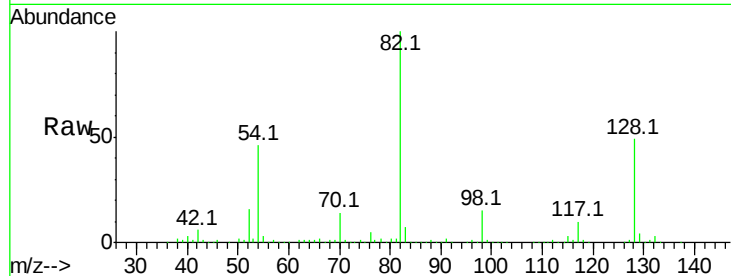




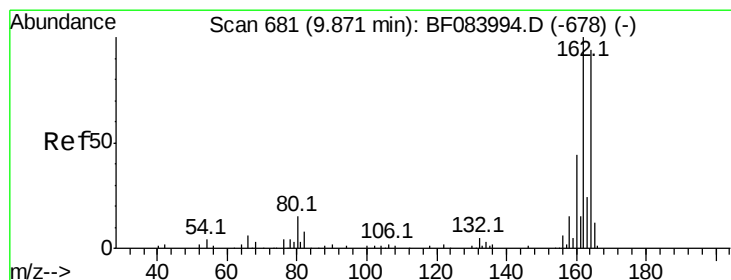
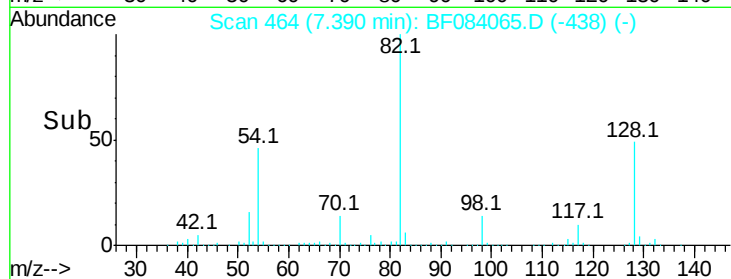
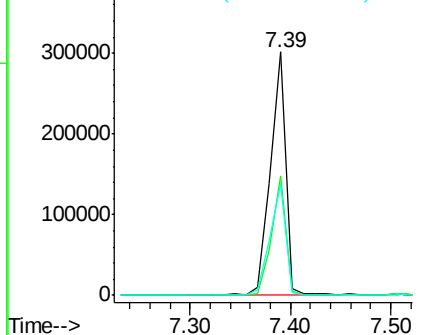
#23
 Nitrobenzene-d5
 Concen: 100.77 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084065.D
 Acq: 24 Dec 2015 6:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tot Ion	82	Resp	317725
Ion Ratio	100	Lower	Upper
128	49.0	34.6	51.8
54	45.7	38.4	57.6

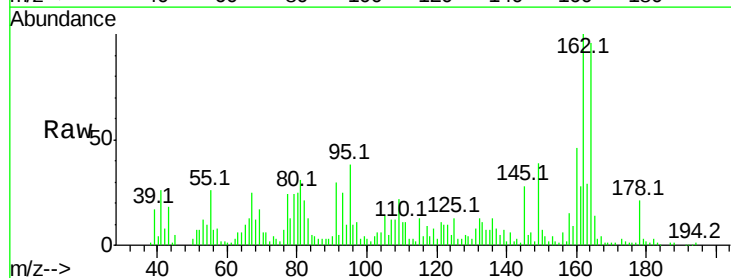


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

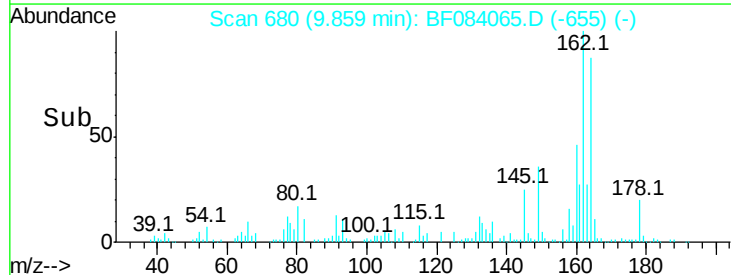
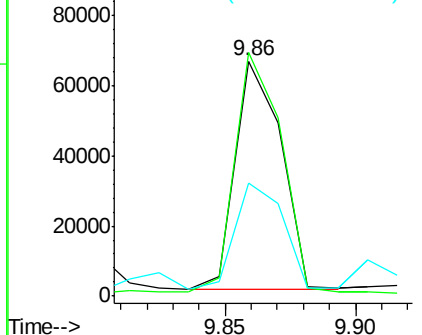


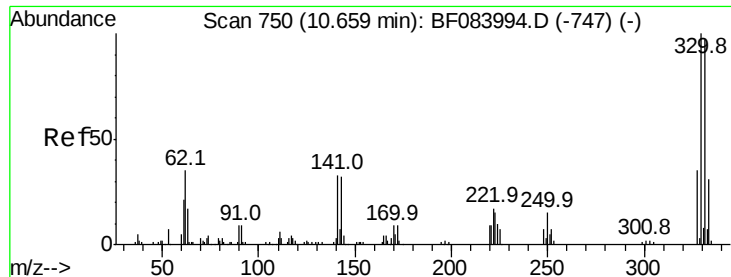
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF084065.D
 Acq: 24 Dec 2015 6:10

Tgt Ion	164	Resp	80670
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.7	85.1	127.7
160	48.0	37.5	56.3



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

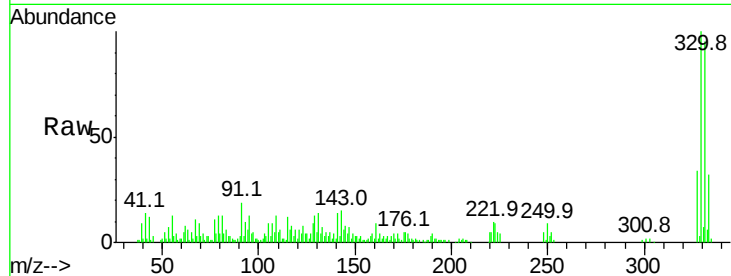




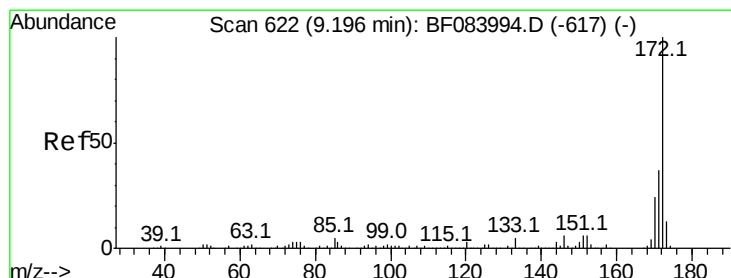
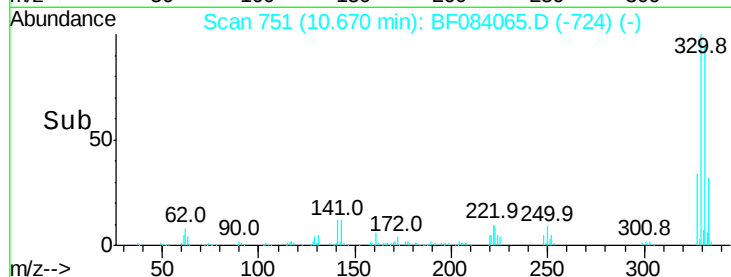
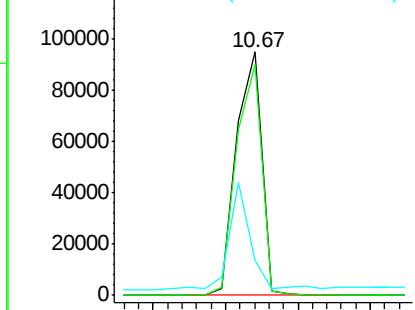
#41
 2,4,6-Tribromophenol
 Concen: 148.92 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.01 min
 Lab File: BF084065.D
 Acq: 24 Dec 2015 6:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	114.8
141	36.6	27.8	41.6

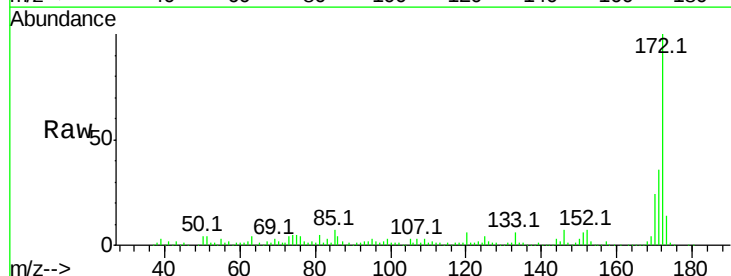


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

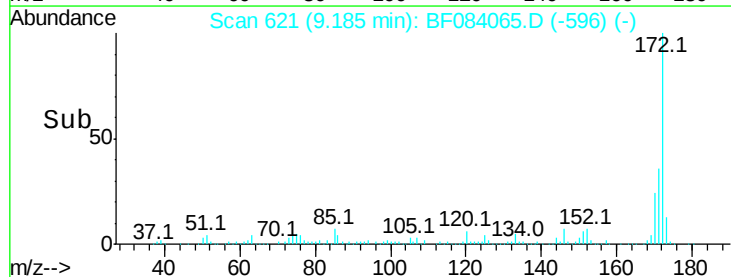
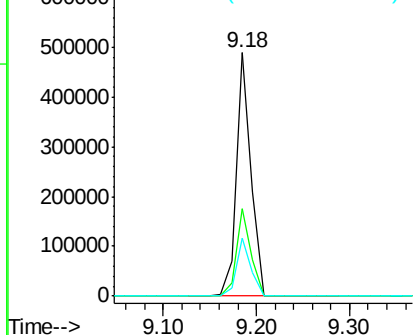


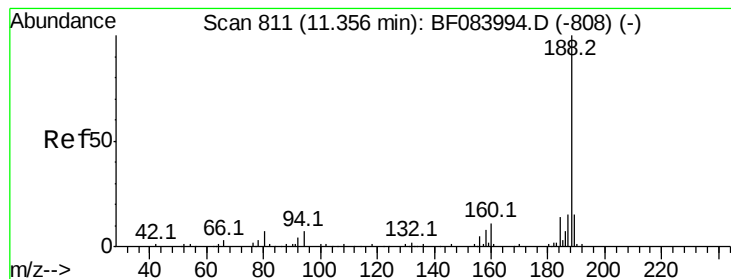
#44
 2-Fluorobiphenyl
 Concen: 88.96 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084065.D
 Acq: 24 Dec 2015 6:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	23.7	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: 11.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF084065.D

Acq: 24 Dec 2015 6:10

Instrument :

BNA_F

ClientSampleId :

MW-15

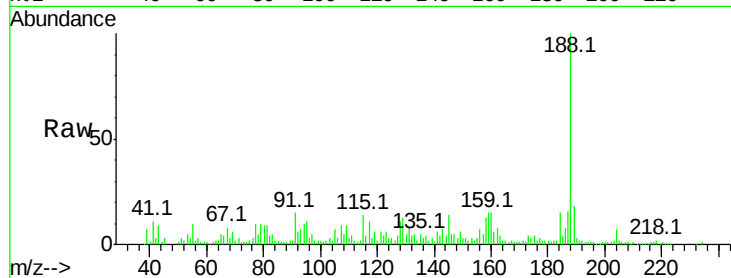
Tot Ion:188 Resp: 119428

Ion Ratio Lower Upper

188 100

94 9.9 9.0 13.4

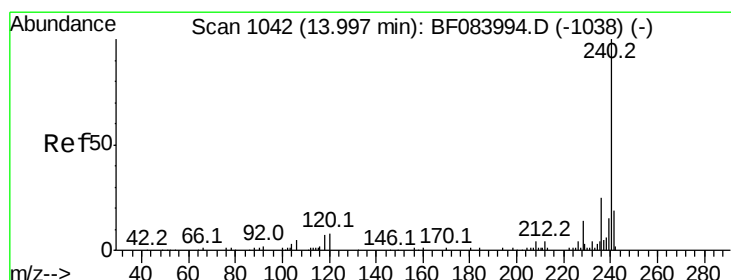
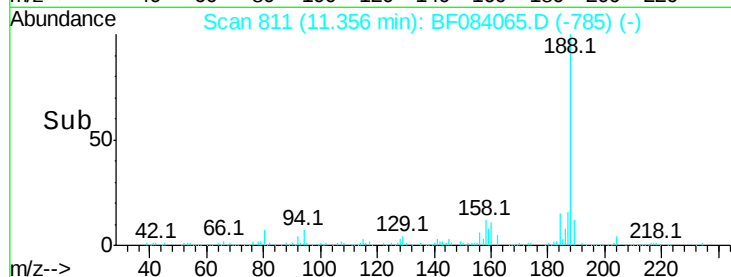
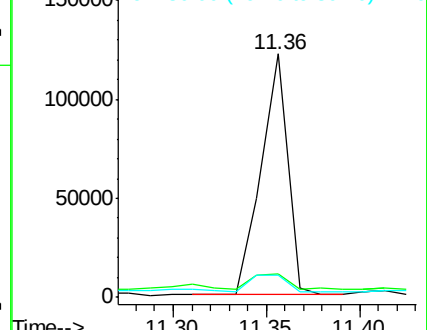
80 8.9 9.6 14.4#



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: BF084065.D

Acq: 24 Dec 2015 6:10

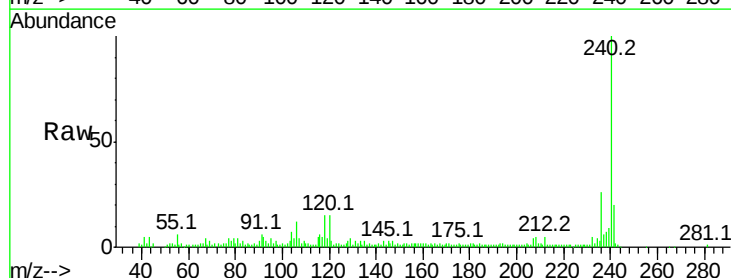
Tgt Ion:240 Resp: 91498

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

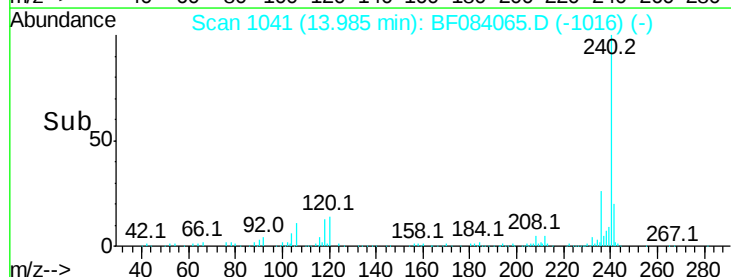
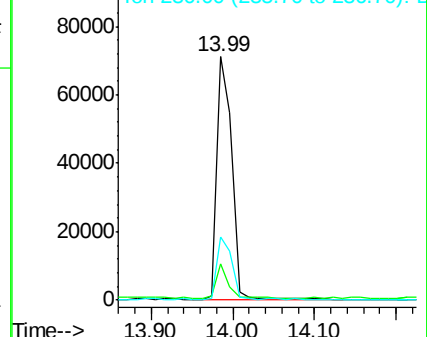
236 26.2 20.6 31.0

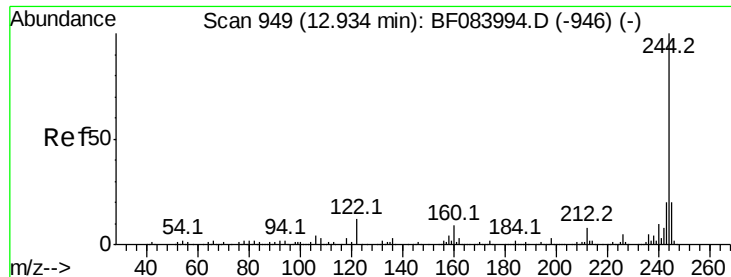


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.70 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084065.D

Acq: 24 Dec 2015 6:10

Instrument :

BNA_F

ClientSampleId :

MW-15

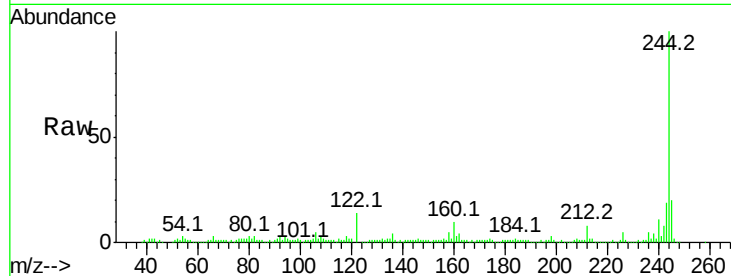
Tot Ion:244 Resp: 290458

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

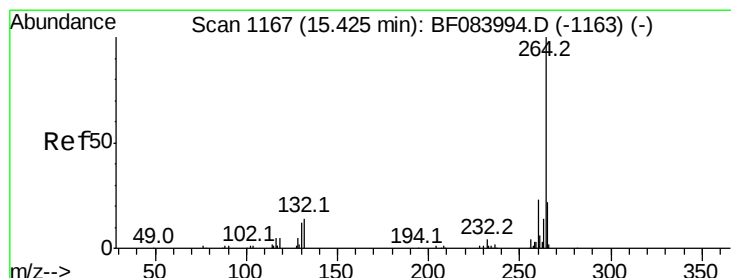
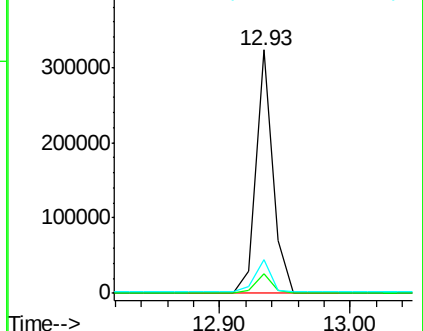
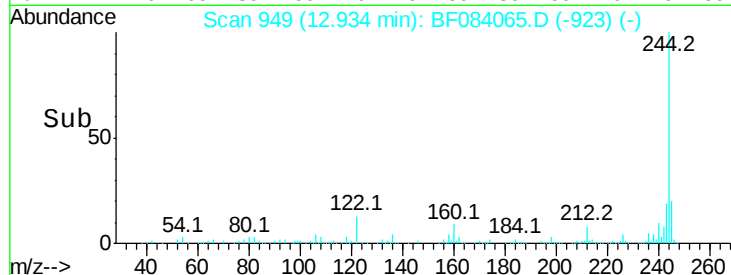
122 13.8 7.4 11.0#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF084065.D

Acq: 24 Dec 2015 6:10

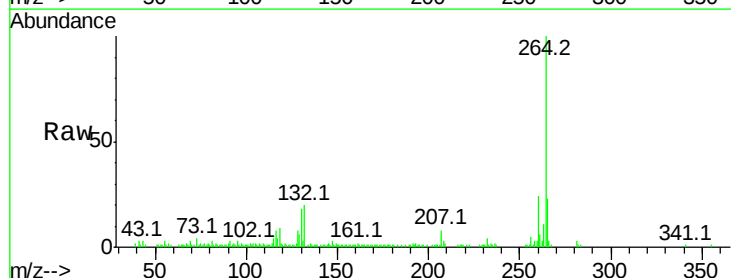
Tgt Ion:264 Resp: 84711

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 23.0 17.8 26.6



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

