

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084510.D
 Acq On : 16 Jan 2016 00:41
 Operator : SJ/UM
 Sample : H1148-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Jan 16 03:29:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 16 03:20:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	273073	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1110606	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	472825	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	850421	20.00	ng	0.00
75) Chrysene-d12	13.99	240	652709	20.00	ng	0.00
86) Perylene-d12	15.40	264	563277	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1147461	67.97	ng	0.00
7) Phenol-d6	6.46	99	1002523	47.28	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1875217	93.97	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	739454	154.91	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	3220082	122.60	ng	0.00
78) Terphenyl-d14	12.93	244	2444741	83.61	ng	0.00

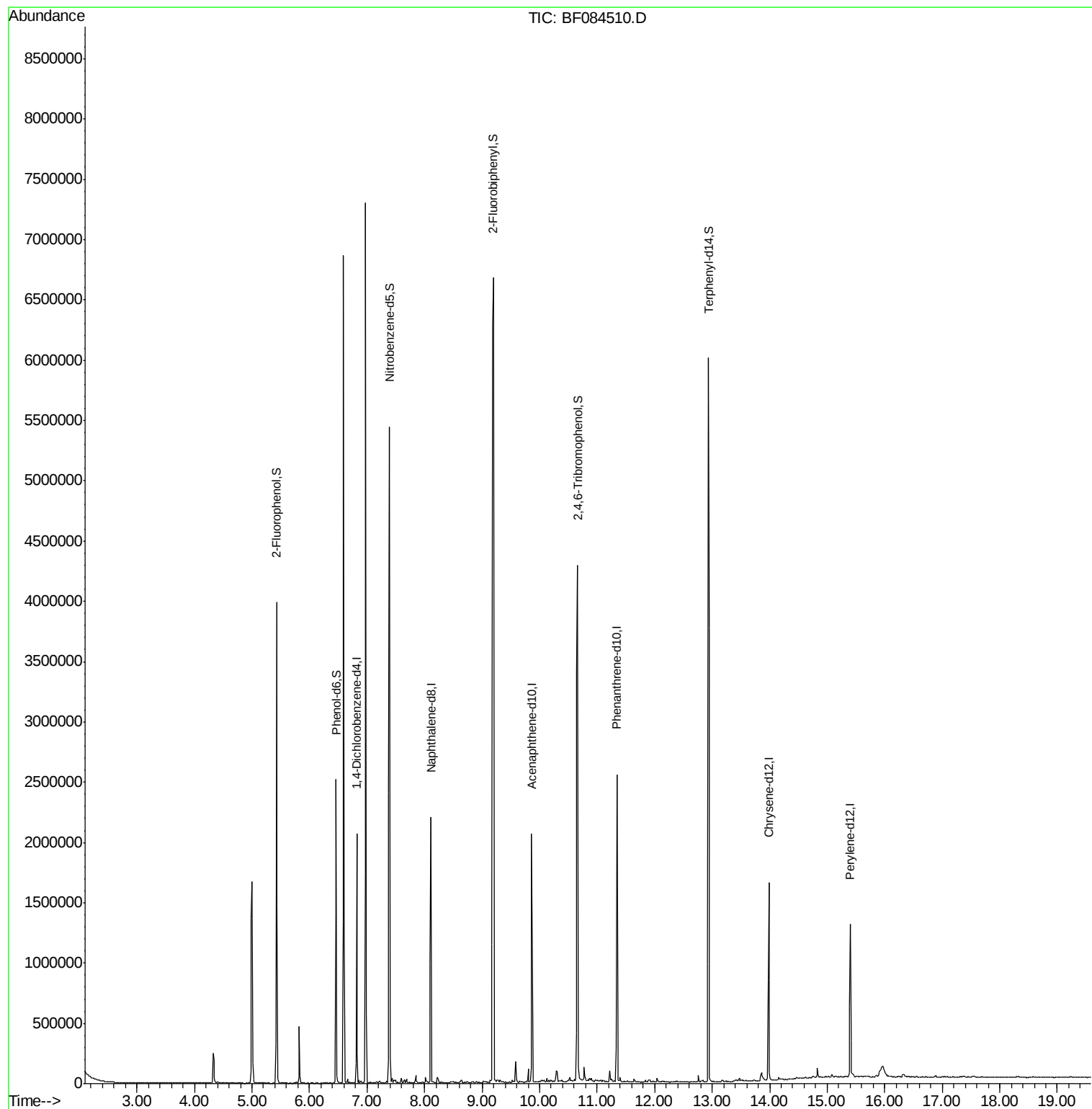
Target Compounds Qvalue

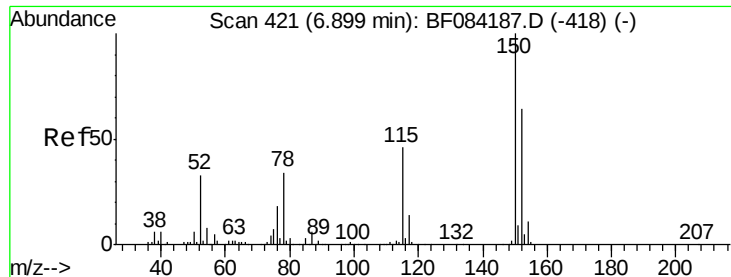
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jan 16 03:20:07 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF084510.D

Acq: 16 Jan 2016 00:41

Instrument :

BNA_F

ClientSampleId :

MW-13

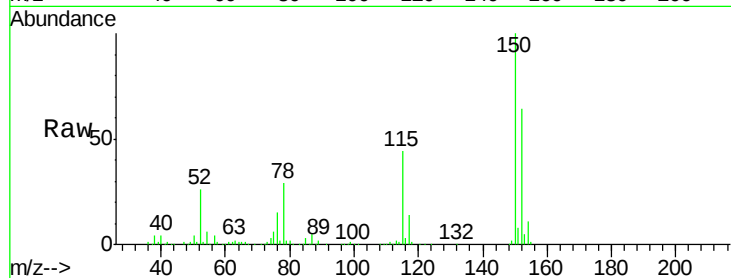
Tot Ion:152 Resp: 273073

Ion Ratio Lower Upper

152 100

150 156.3 123.0 184.4

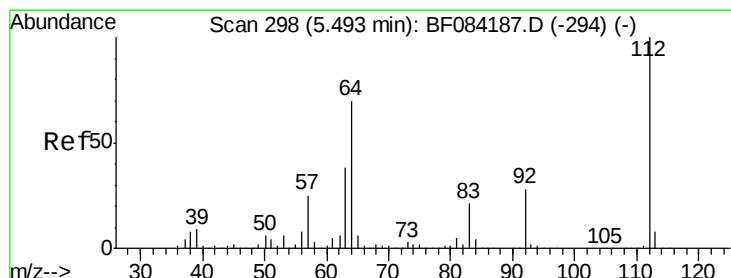
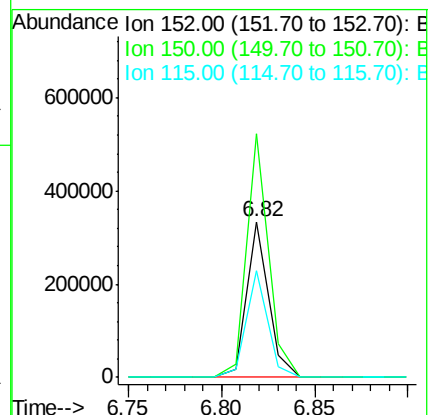
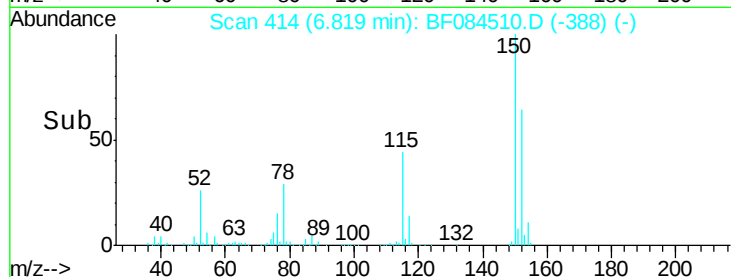
115 68.6 51.4 77.2



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: 67.97 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.00 min

Lab File: BF084510.D

Acq: 16 Jan 2016 00:41

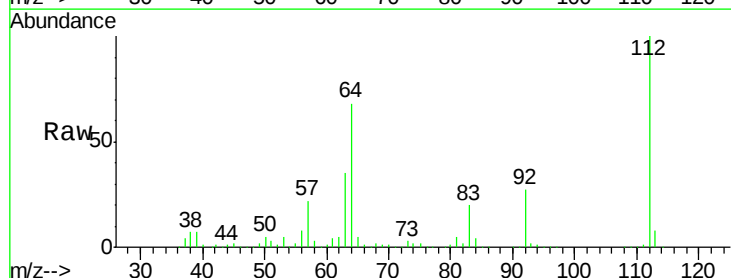
Tgt Ion:112 Resp: 1147461

Ion Ratio Lower Upper

112 100

64 68.0 36.6 55.0#

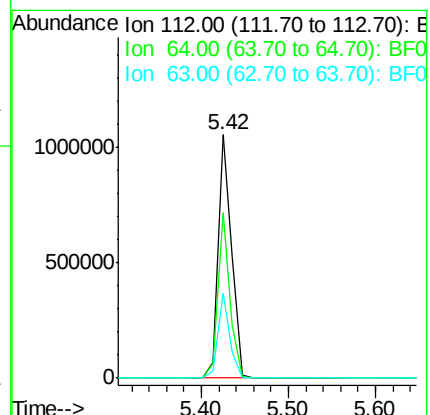
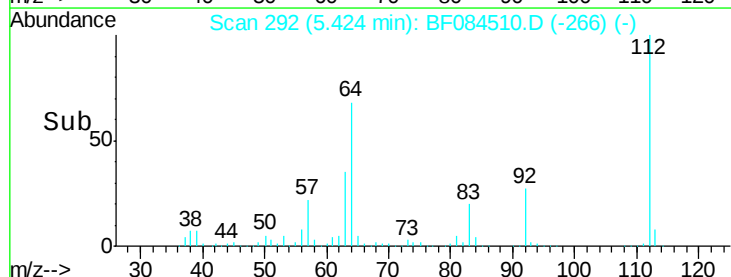
63 34.8 19.4 29.0#

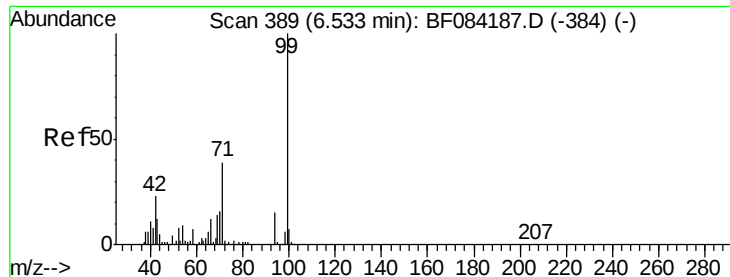


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.28 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF084510.D

Acq: 16 Jan 2016 00:41

Instrument :

BNA_F

ClientSampleId :

MW-13

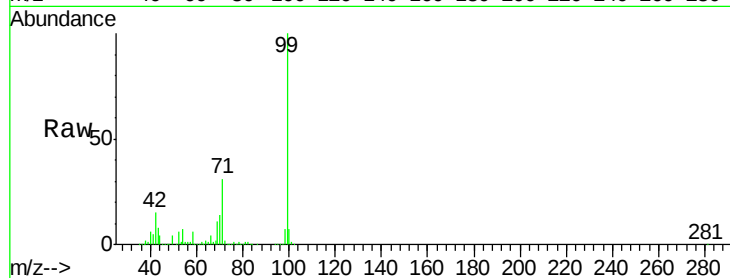
Tot Ion: 99 Resp: 1002523

Ion Ratio Lower Upper

99 100

42 15.4 12.8 19.2

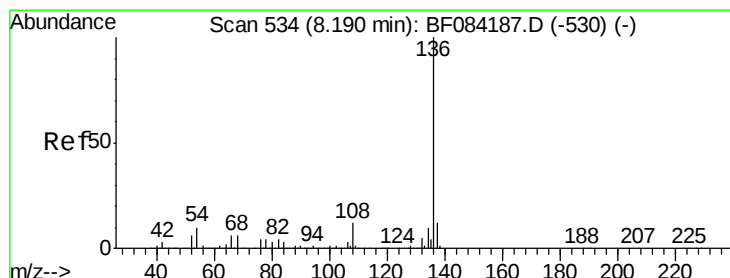
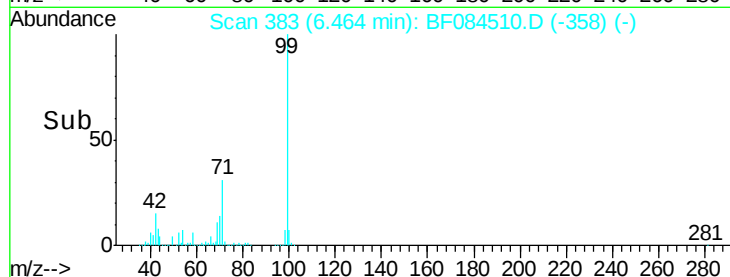
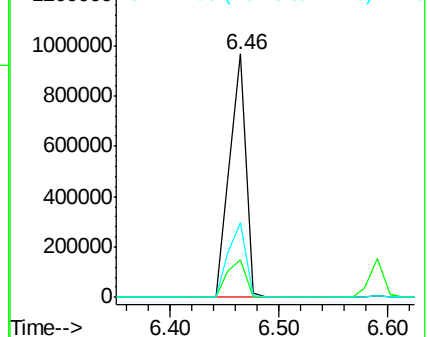
71 30.9 30.9 46.3



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: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084510.D

Acq: 16 Jan 2016 00:41

Tgt Ion: 136 Resp: 1110606

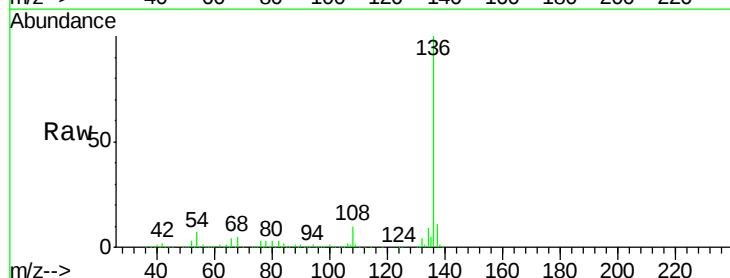
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.0 5.8 8.8

68 4.6 4.2 6.2

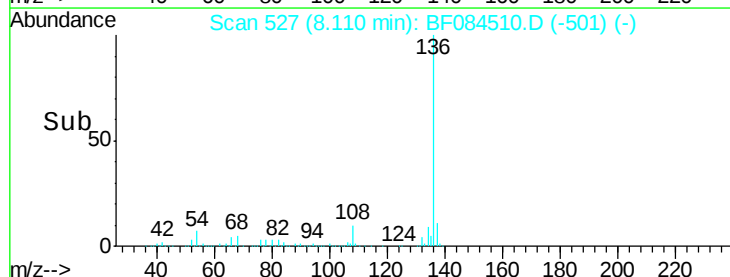
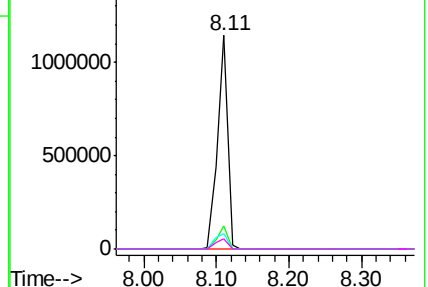


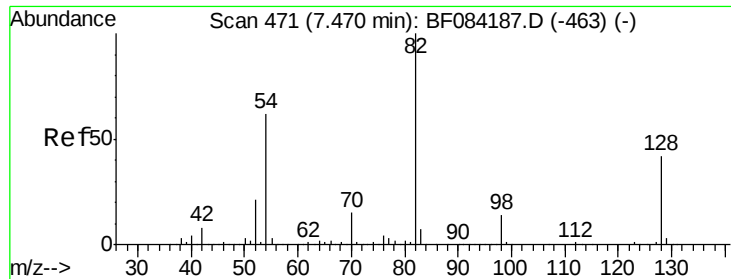
Abundance Ion 136.00 (135.70 to 136.70): E

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

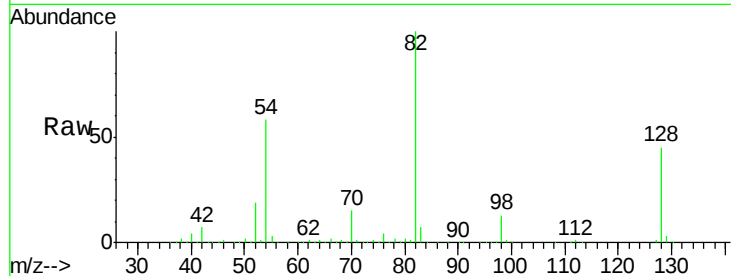




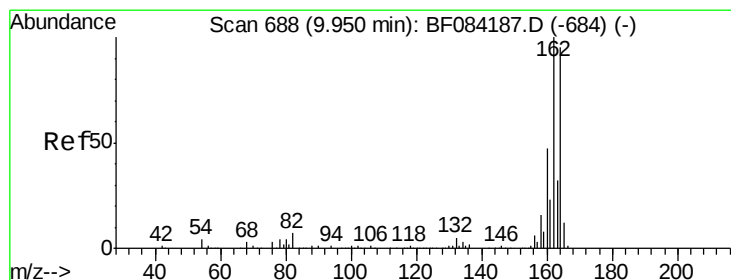
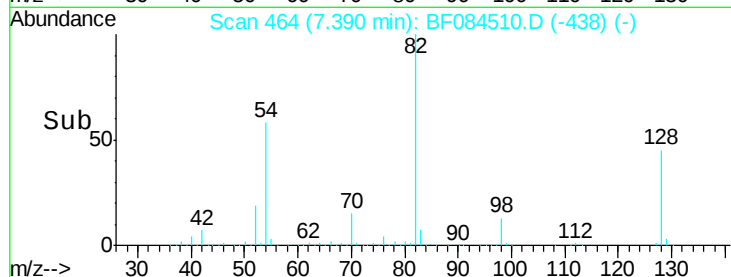
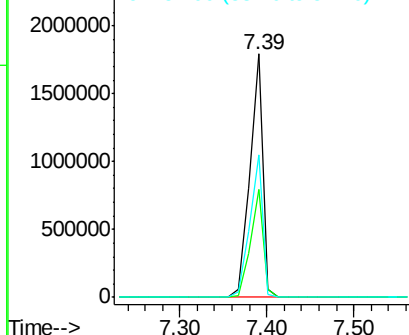
#23
 Nitrobenzene-d5
 Concen: 93.97 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084510.D
 Acq: 16 Jan 2016 00:41

Instrument :
 BNA_F
 ClientSampled :
 MW-13

Tot Ion: 82 Resp: 1875217
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.6 51.8
 54 58.3 38.4 57.6#

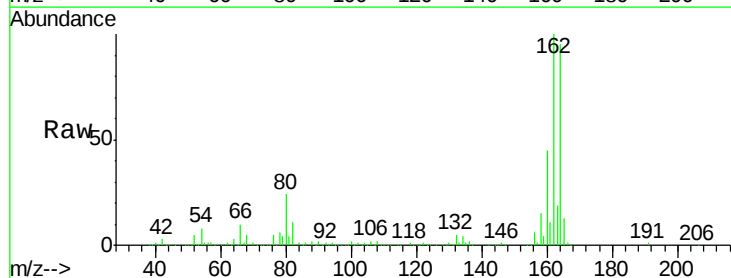


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

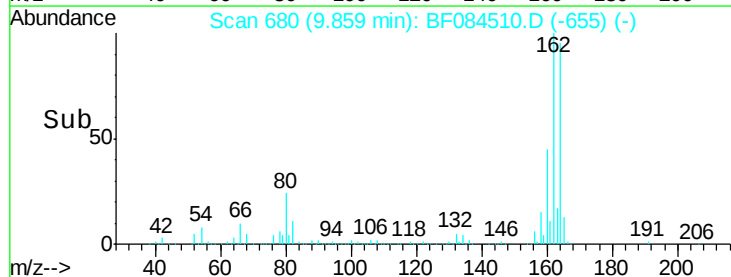
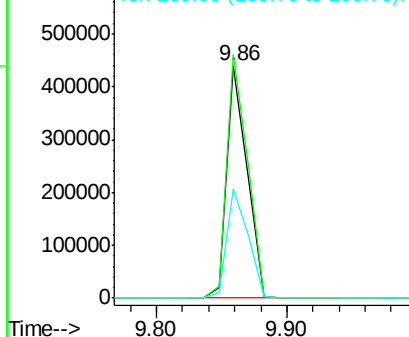


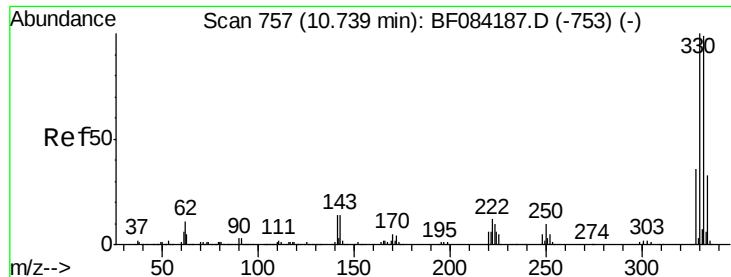
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF084510.D
 Acq: 16 Jan 2016 00:41

Tgt Ion:164 Resp: 472825
 Ion Ratio Lower Upper
 164 100
 162 104.8 85.1 127.7
 160 47.1 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

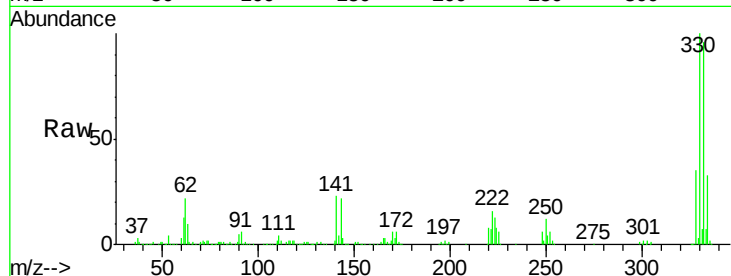




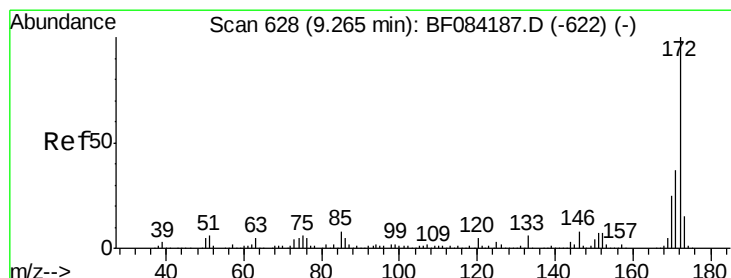
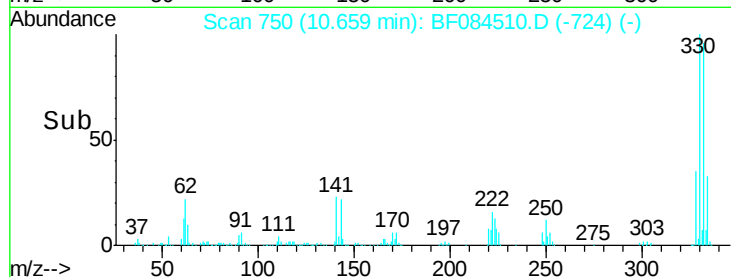
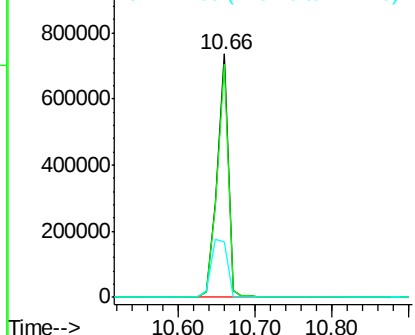
#41
 2,4,6-Tribromophenol
 Concen: 154.91 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084510.D
 Acq: 16 Jan 2016 00:41

Instrument :
 BNA_F
 ClientSampled :
 MW-13

Tot Ion:330 Resp: 739454
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 34.4 27.8 41.6

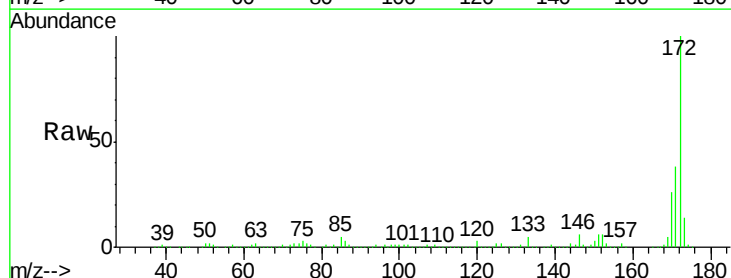


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

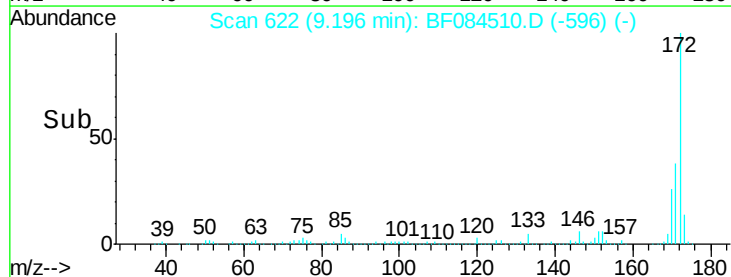
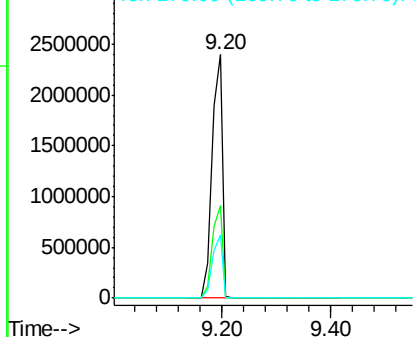


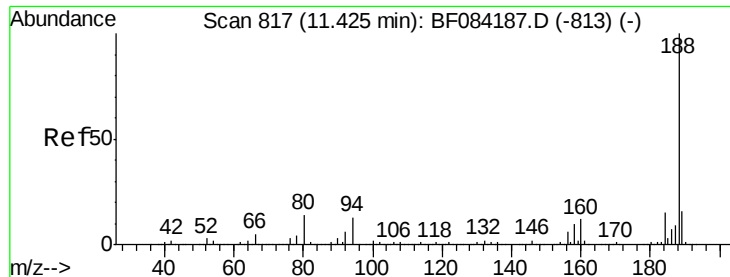
#44
 2-Fluorobiphenyl
 Concen: 122.60 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF084510.D
 Acq: 16 Jan 2016 00:41

Tgt Ion:172 Resp: 3220082
 Ion Ratio Lower Upper
 172 100
 171 38.0 28.9 43.3
 170 25.8 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

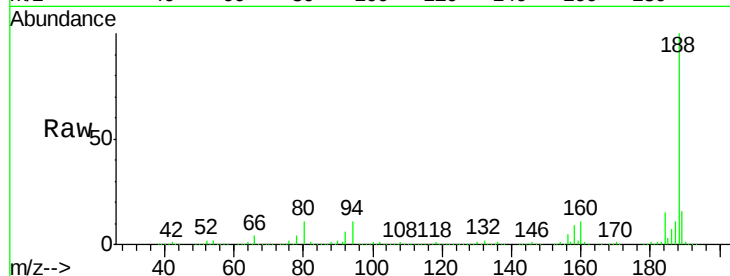




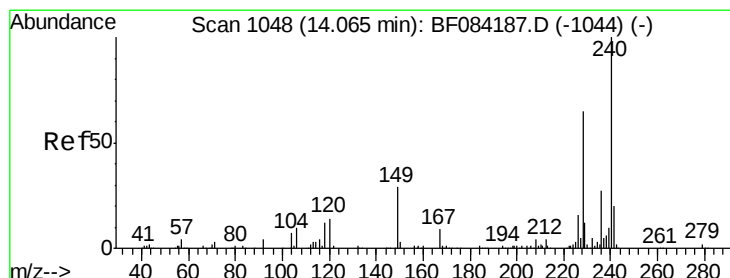
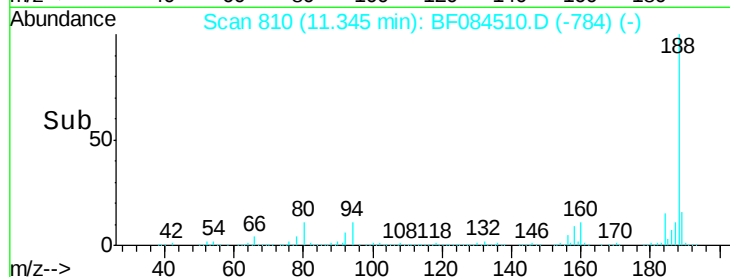
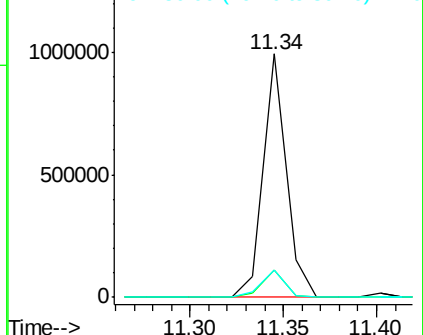
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF084510.D
Acq: 16 Jan 2016 00:41

Instrument :
BNA_F
ClientSampleId :
MW-13

Tot Ion:188 Resp: 850421
Ion Ratio Lower Upper
188 100
94 11.0 9.0 13.4
80 11.2 9.6 14.4

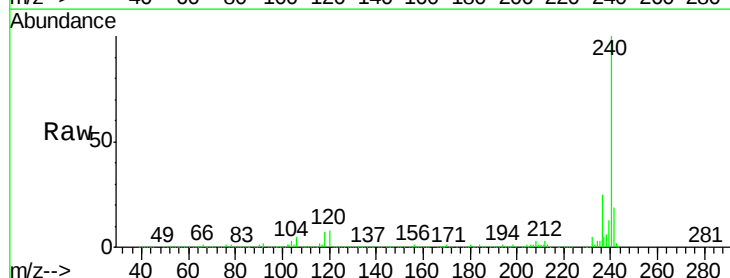


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

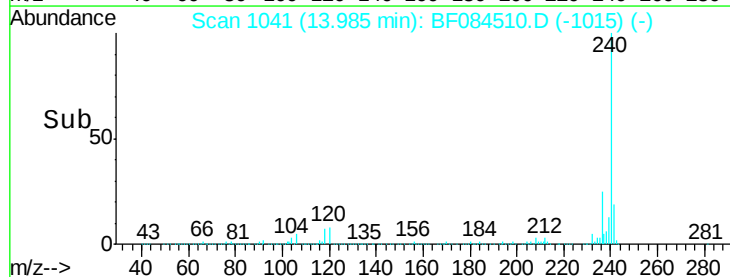
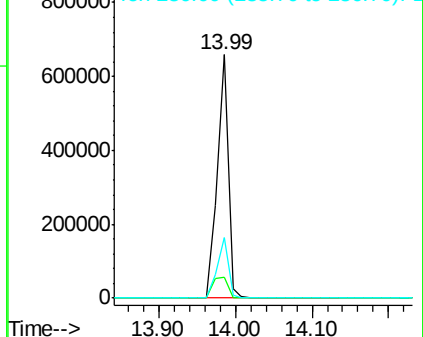


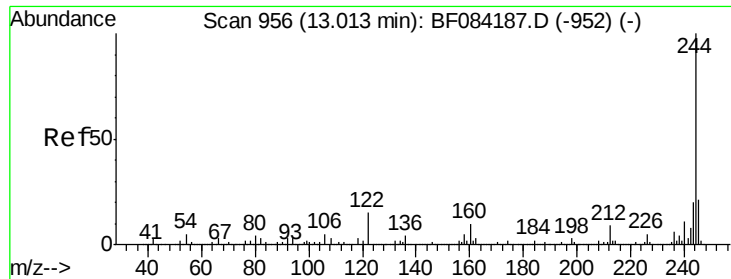
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF084510.D
Acq: 16 Jan 2016 00:41

Tgt Ion:240 Resp: 652709
Ion Ratio Lower Upper
240 100
120 8.4 9.5 14.3#
236 25.1 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

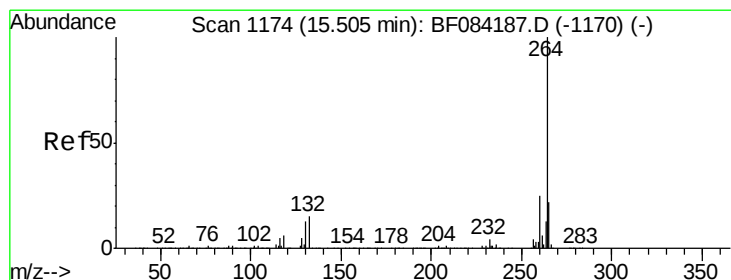
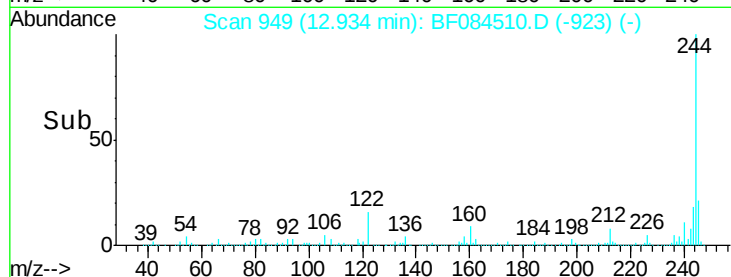
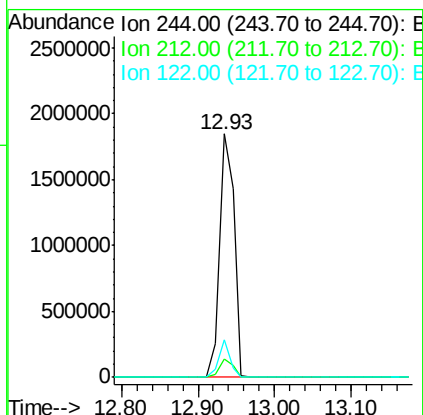
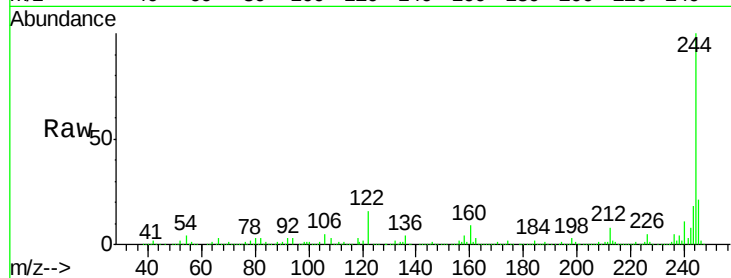




#78
 Terphenyl-d14
 Concen: 83.61 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF084510.D
 Acq: 16 Jan 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tot Ion:244 Resp: 2444741
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 15.6 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF084510.D
 Acq: 16 Jan 2016 00:41

Tgt Ion:264 Resp: 563277
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 22.3 17.8 26.6

