

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084471.D
 Acq On : 14 Jan 2016 5:57
 Operator : SJ/UM
 Sample : H1113-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Jan 14 16:09:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	260293	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1029563	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	508182	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	925221	20.00	ng	0.00
75) Chrysene-d12	13.99	240	793735	20.00	ng	-0.01
86) Perylene-d12	15.40	264	578655	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1129870	70.21	ng	0.00
7) Phenol-d6	6.46	99	868749	42.98	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1848448	99.92	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	635239	123.82	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	2487717	86.21	ng	0.00
78) Terphenyl-d14	12.95	244	2544139	71.55	ng	0.00

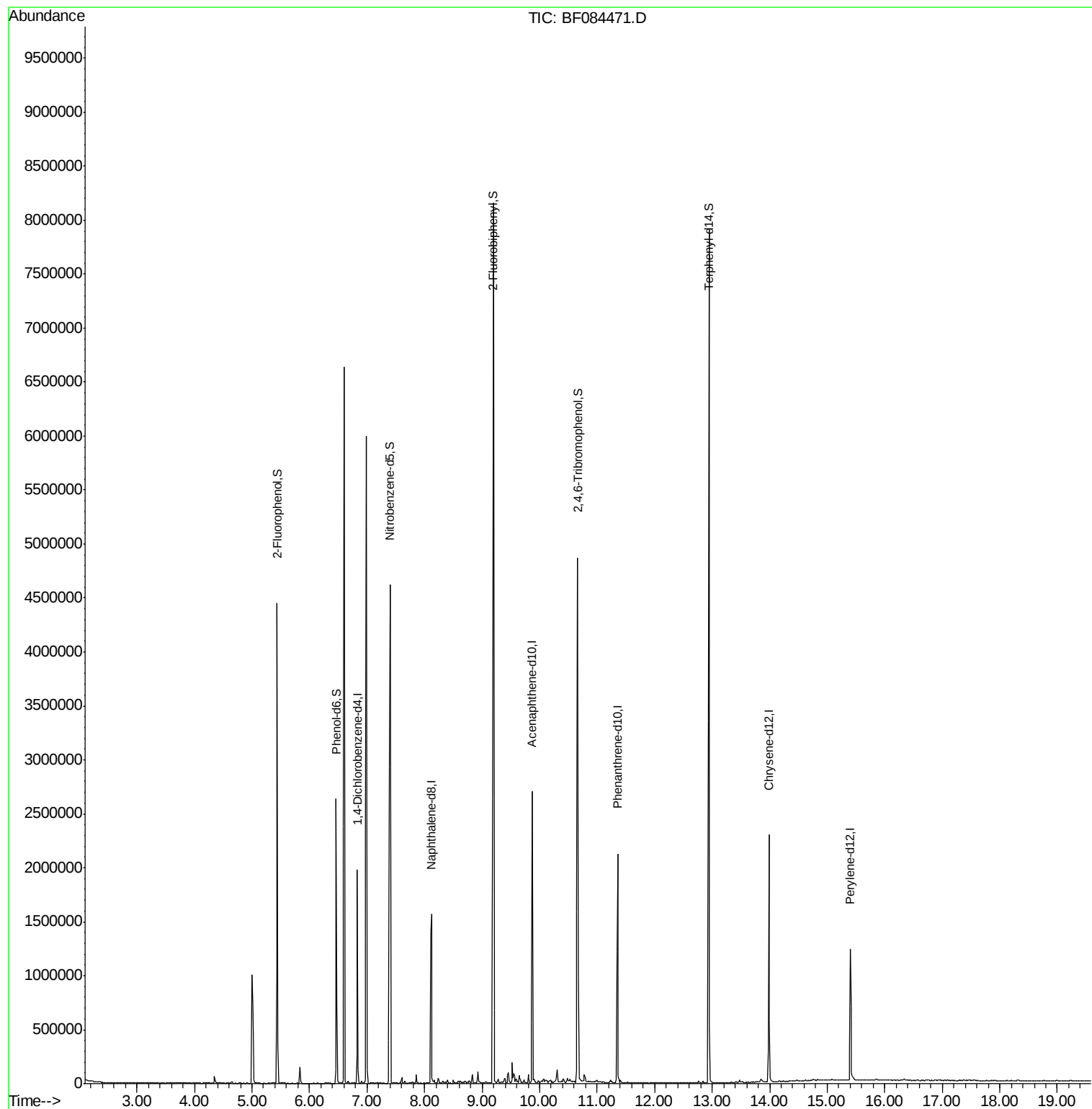
Target Compounds	Qvalue

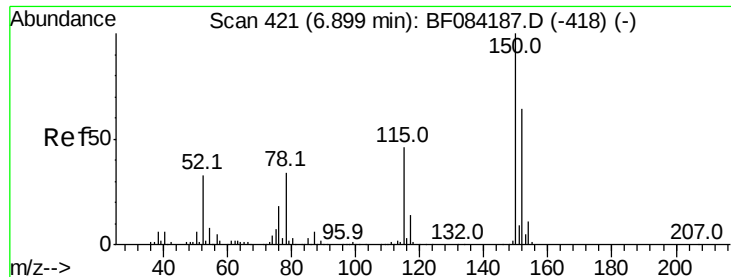
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF084471.D

Acq: 14 Jan 2016 5:57

Instrument :

BNA_F

ClientSampleId :

MW-4

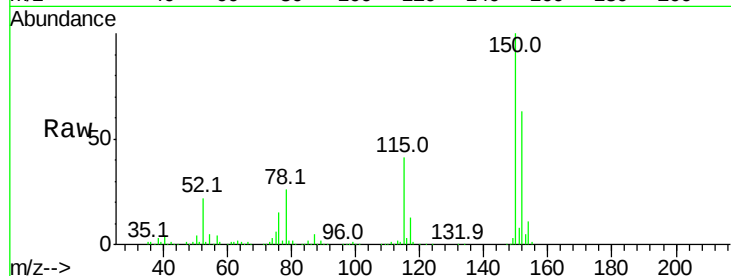
Tot Ion:152 Resp: 260293

Ion Ratio Lower Upper

152 100

150 157.9 123.0 184.4

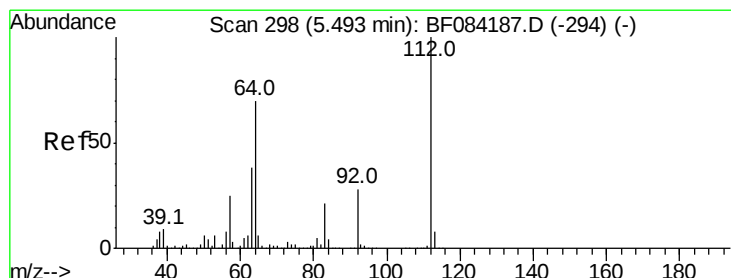
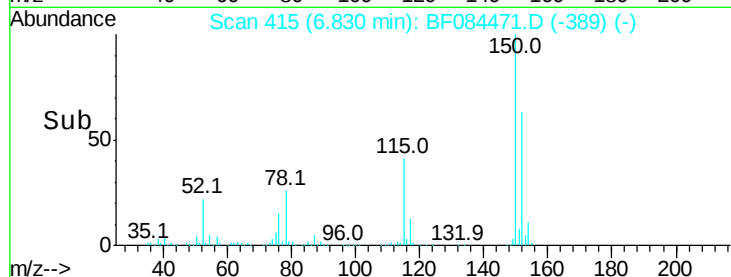
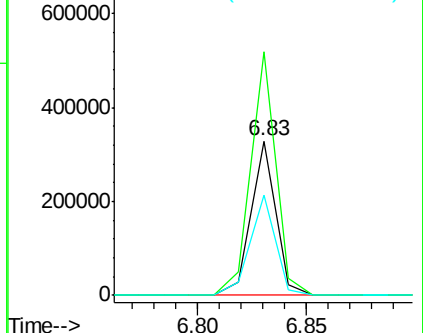
115 65.3 51.4 77.2



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: 70.21 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF084471.D

Acq: 14 Jan 2016 5:57

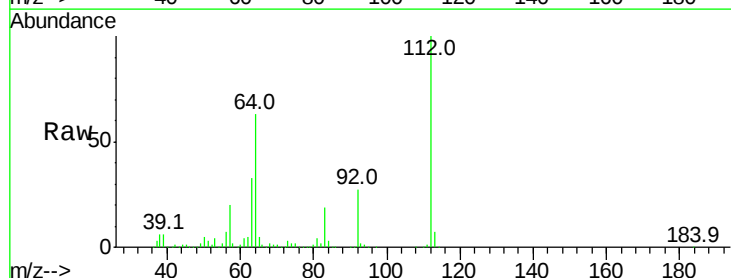
Tgt Ion:112 Resp: 1129870

Ion Ratio Lower Upper

112 100

64 62.8 36.6 55.0#

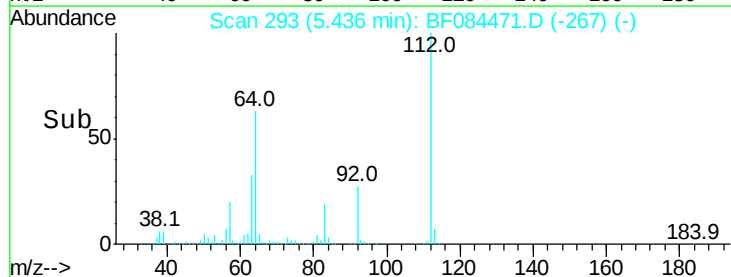
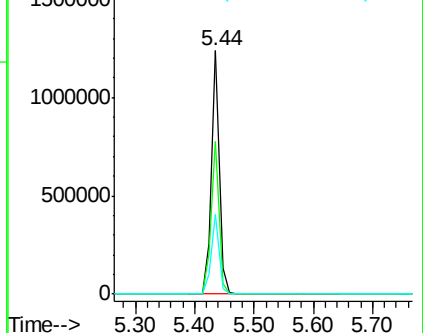
63 32.6 19.4 29.0#

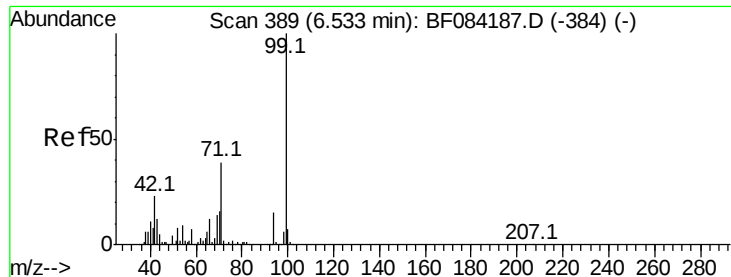


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.98 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF084471.D

Acq: 14 Jan 2016 5:57

Instrument :

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ClientSampleId :

MW-4

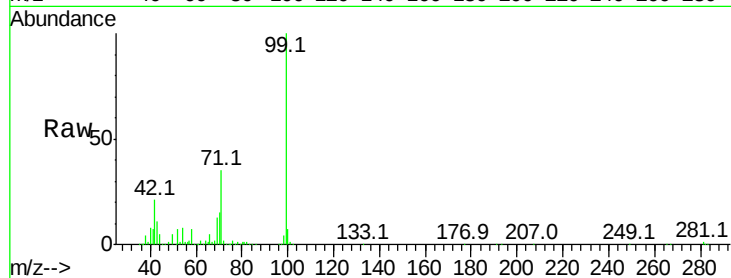
Tot Ion: 99 Resp: 868749

Ion Ratio Lower Upper

99 100

42 21.1 12.8 19.2#

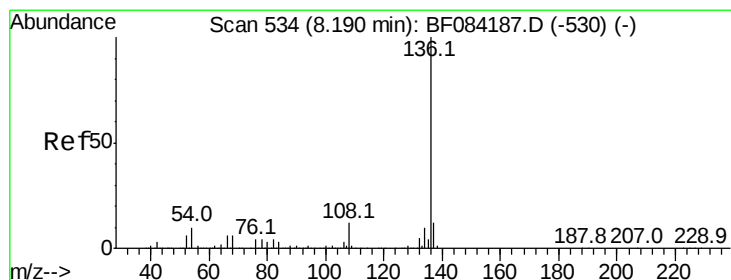
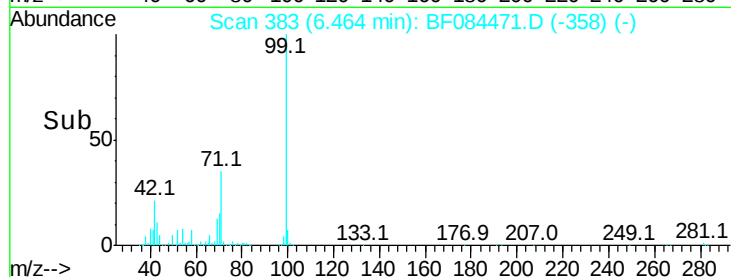
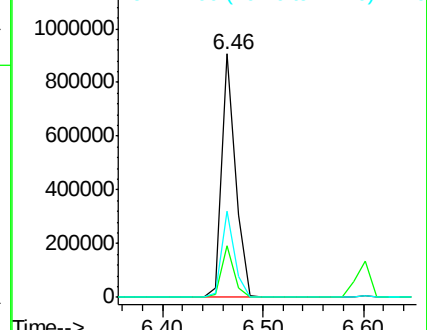
71 35.1 30.9 46.3



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: 8.12 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF084471.D

Acq: 14 Jan 2016 5:57

Tgt Ion: 136 Resp: 1029563

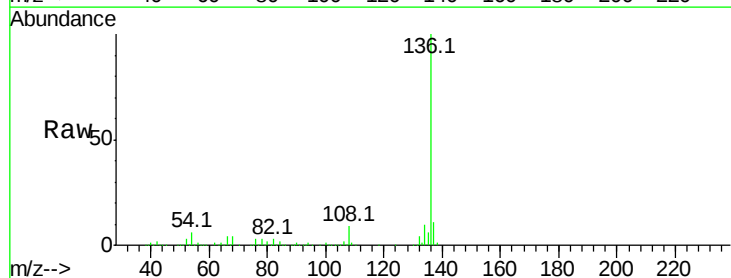
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.3 5.8 8.8

68 4.2 4.2 6.2

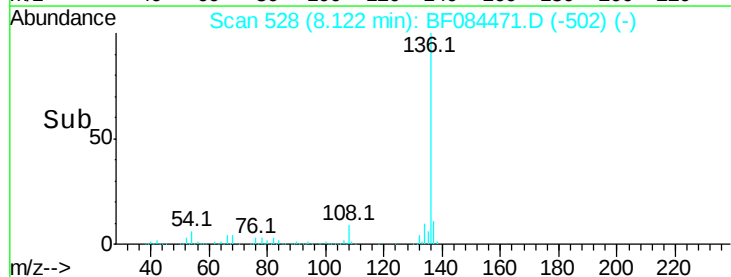
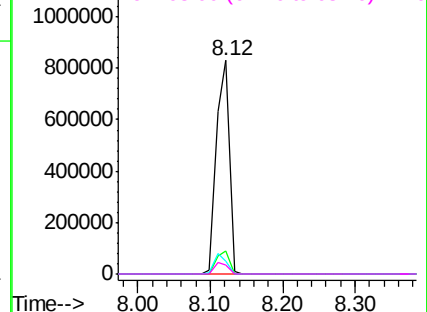


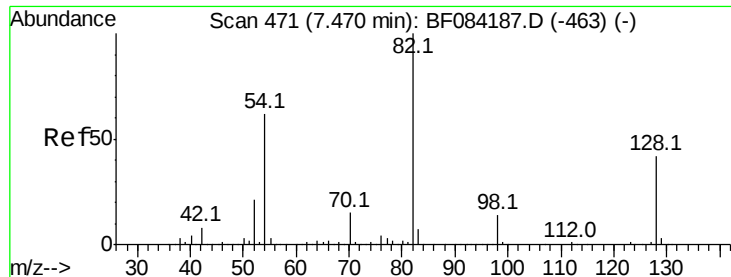
Abundance Ion 136.00 (135.70 to 136.70): E

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

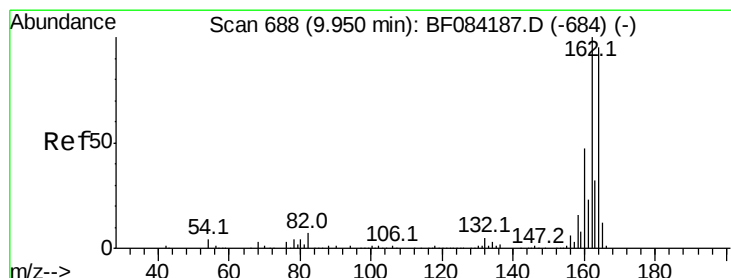
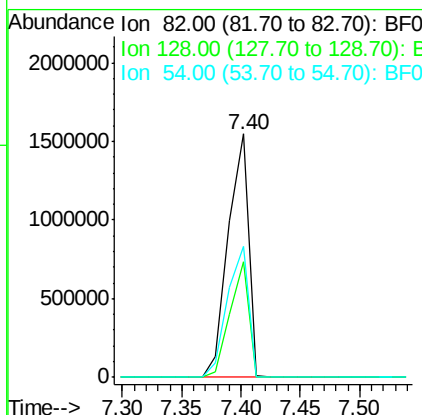
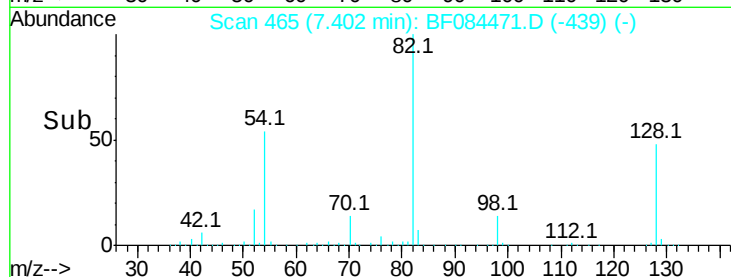
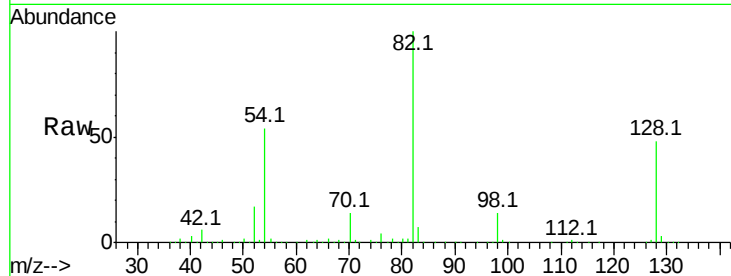




#23
 Nitrobenzene-d5
 Concen: 99.92 ng
 RT: 7.40 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: BF084471.D
 Acq: 14 Jan 2016 5:57

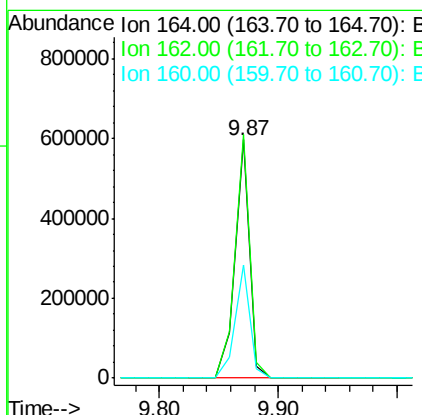
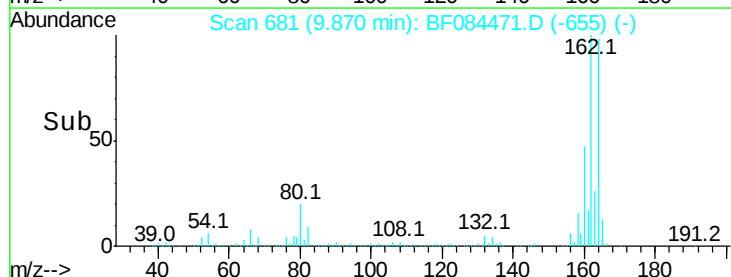
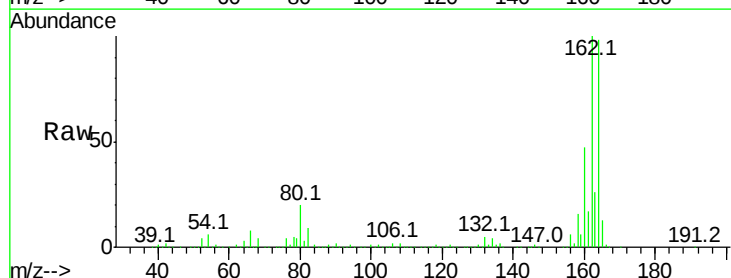
Instrument :
 BNA_F
 ClientSampleId :
 MW-4

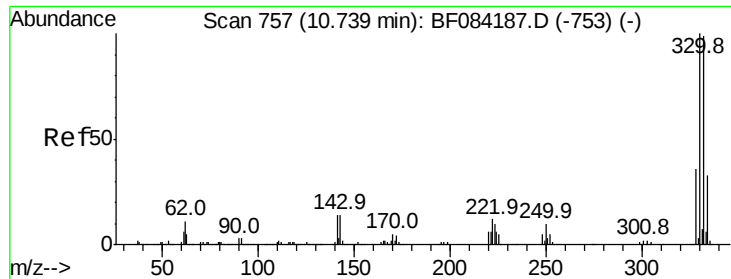
Tot Ion: 82 Resp: 1848448
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.6 51.8
 54 53.5 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF084471.D
 Acq: 14 Jan 2016 5:57

Tgt Ion:164 Resp: 508182
 Ion Ratio Lower Upper
 164 100
 162 102.3 85.1 127.7
 160 47.6 37.5 56.3

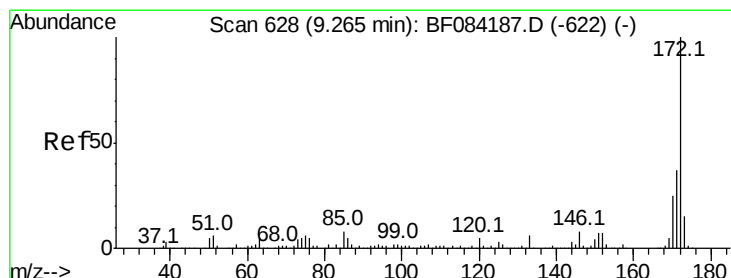
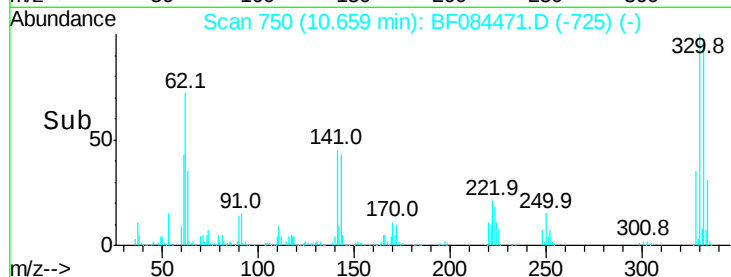
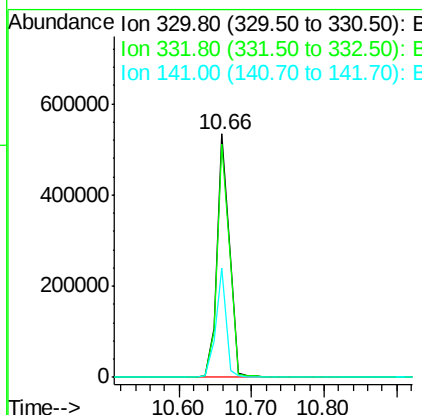
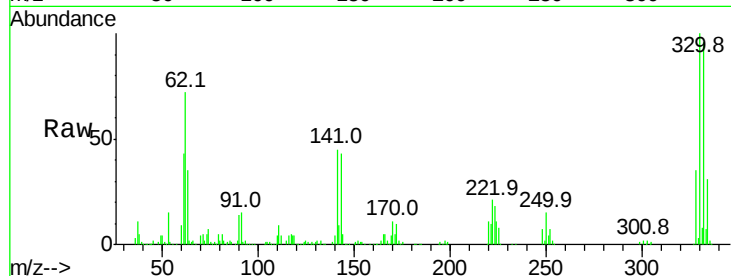




#41
 2,4,6-Tribromophenol
 Concen: 123.82 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF084471.D
 Acq: 14 Jan 2016 5:57

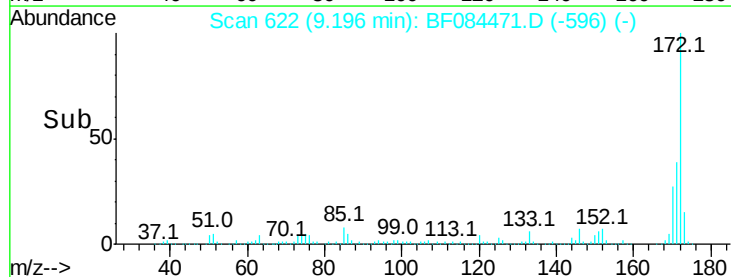
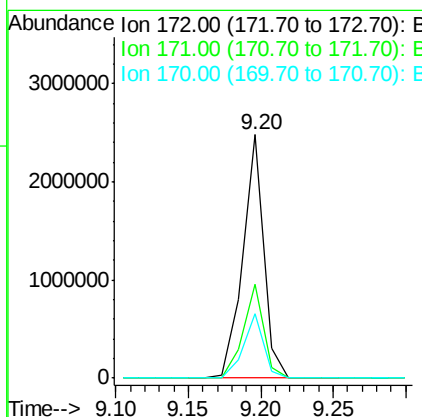
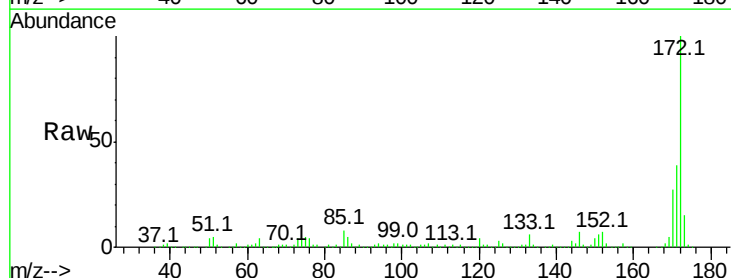
Instrument :
 BNA_F
 ClientSampleId :
 MW-4

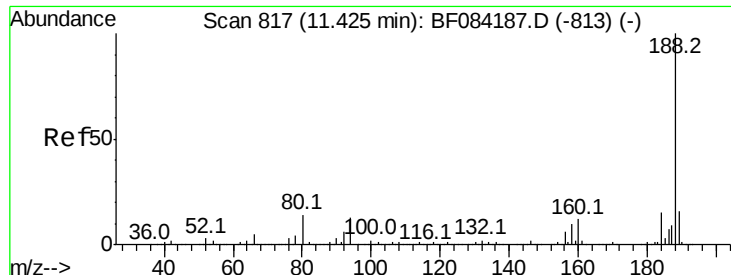
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	114.8
141	37.5	27.8	41.6



#44
 2-Fluorobiphenyl
 Concen: 86.21 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084471.D
 Acq: 14 Jan 2016 5:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	28.9	43.3
170	26.5	18.6	27.8

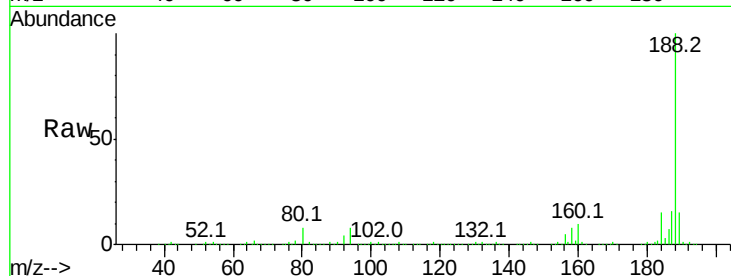




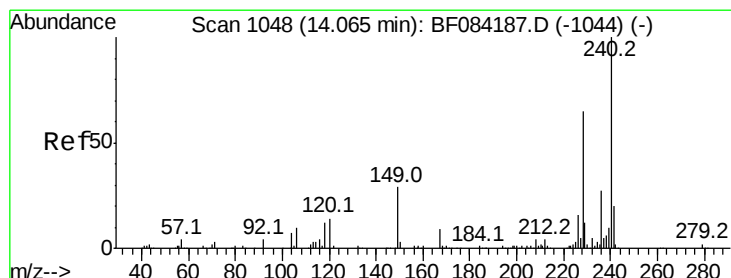
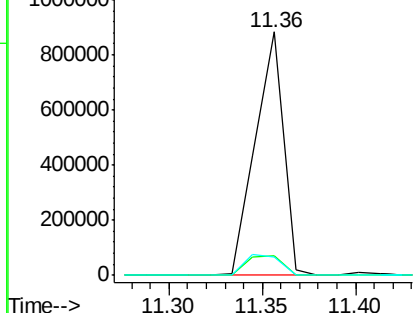
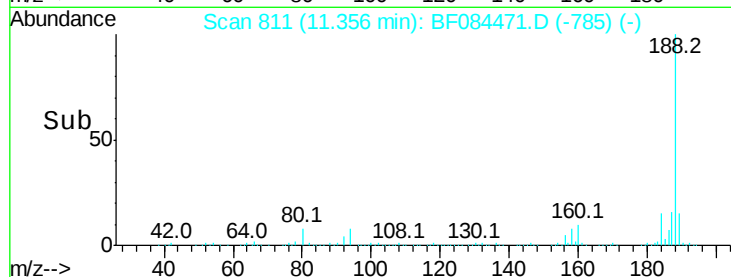
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF084471.D
Acq: 14 Jan 2016 5:57

Instrument :
BNA_F
ClientSampleId :
MW-4

Tot Ion:188 Resp: 925221
Ion Ratio Lower Upper
188 100
94 8.0 9.0 13.4#
80 7.6 9.6 14.4#

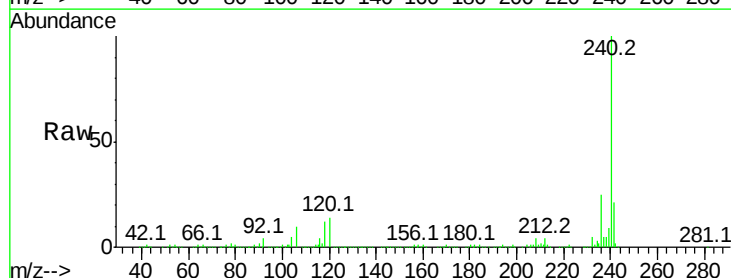


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

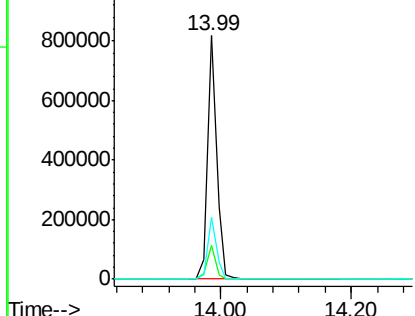
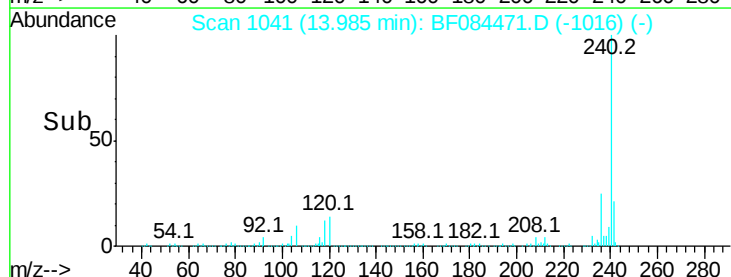


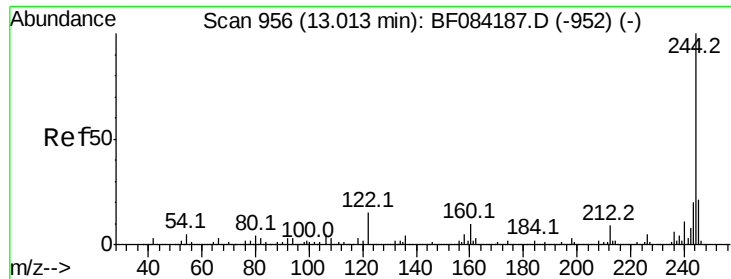
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084471.D
Acq: 14 Jan 2016 5:57

Tgt Ion:240 Resp: 793735
Ion Ratio Lower Upper
240 100
120 13.9 9.5 14.3
236 25.2 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

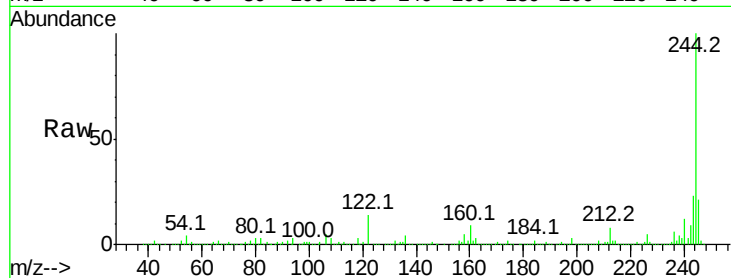




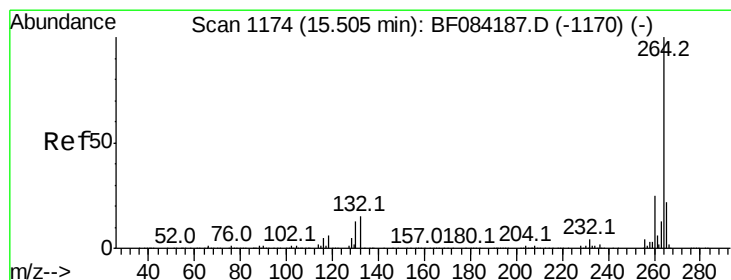
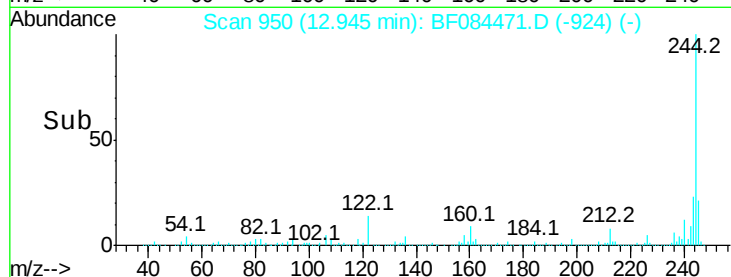
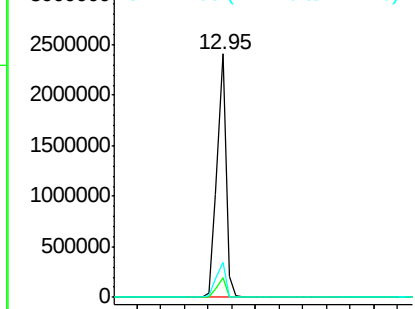
#78
 Terphenyl-d14
 Concen: 71.55 ng
 RT: 12.95 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF084471.D
 Acq: 14 Jan 2016 5:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tot Ion:244 Resp: 2544139
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 14.2 7.4 11.0#

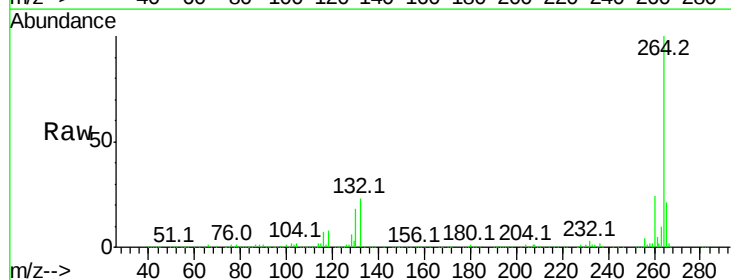


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF084471.D
 Acq: 14 Jan 2016 5:57

Tgt Ion:264 Resp: 578655
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.3 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

