

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012516\
 Data File : BF084613.D
 Acq On : 25 Jan 2016 17:59
 Operator : SJ/IZ
 Sample : H1201-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-105

Quant Time: Jan 26 09:41:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	194246	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	774234	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	367354	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	777656	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	654991	20.00	ng	-0.01
86) Perylene-d12	15.28	264	398354	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	780805	65.02	ng	0.00
7) Phenol-d6	6.37	99	618261	40.99	ng	-0.02
23) Nitrobenzene-d5	7.31	82	1373937	98.76	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	621906	167.69	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2138630	103.81	ng	0.00
78) Terphenyl-d14	12.84	244	1937253	66.02	ng	-0.01

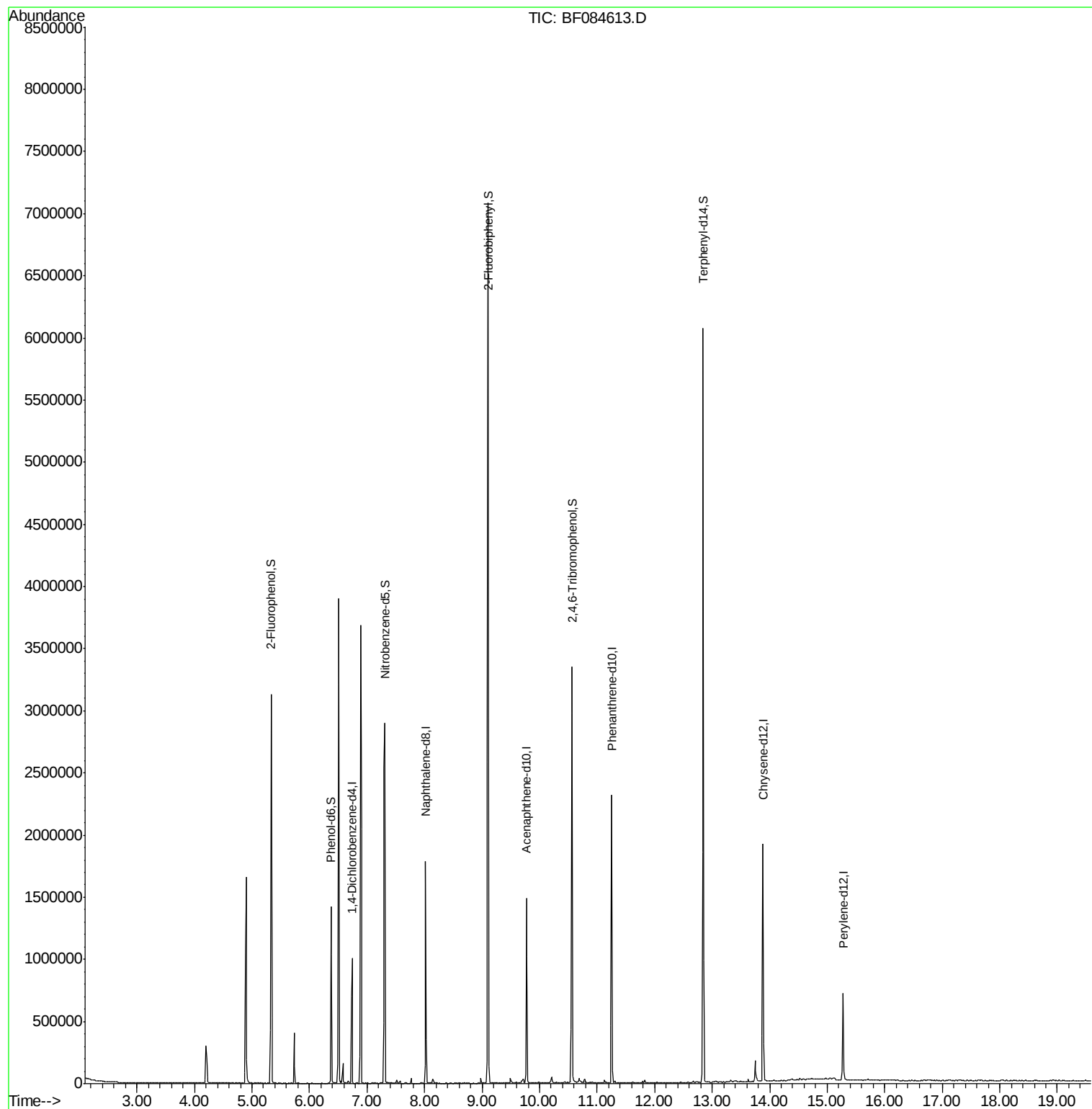
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF084613.D

Acq: 25 Jan 2016 17:59

Instrument :

BNA_F

ClientSampleId :

MW-105

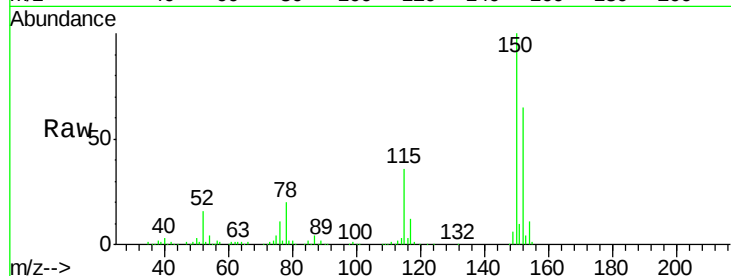
Tot Ion:152 Resp: 194246

Ion Ratio Lower Upper

152 100

150 153.9 123.0 184.4

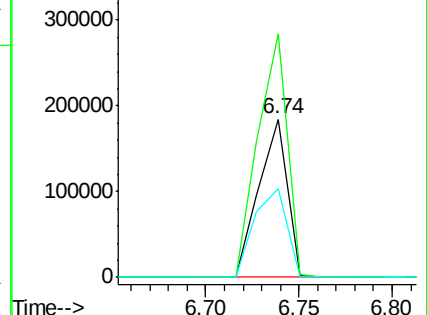
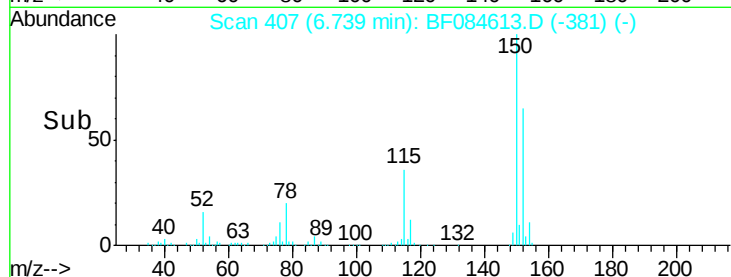
115 55.9 51.4 77.2



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: 65.02 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.00 min

Lab File: BF084613.D

Acq: 25 Jan 2016 17:59

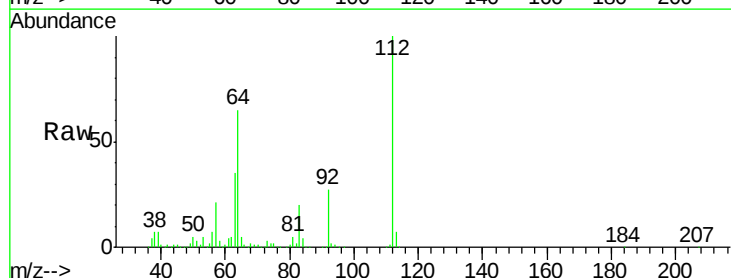
Tgt Ion:112 Resp: 780805

Ion Ratio Lower Upper

112 100

64 64.8 36.6 55.0#

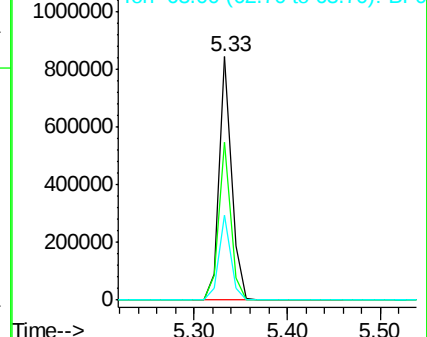
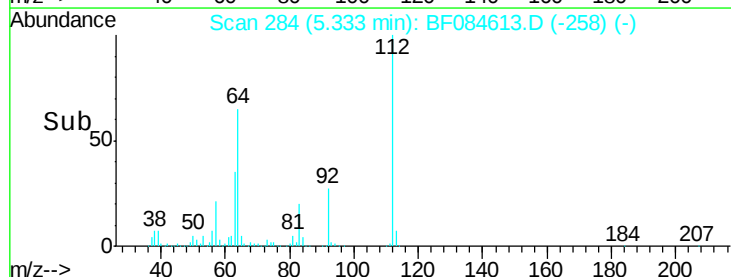
63 34.6 19.4 29.0#

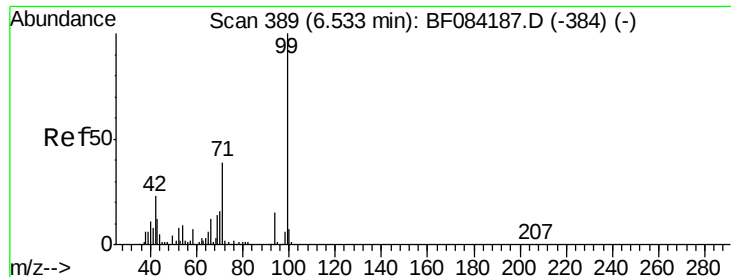


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.99 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF084613.D

Acq: 25 Jan 2016 17:59

Instrument :

BNA_F

ClientSampleId :

MW-105

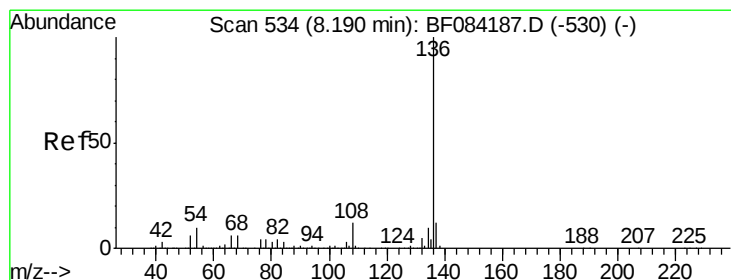
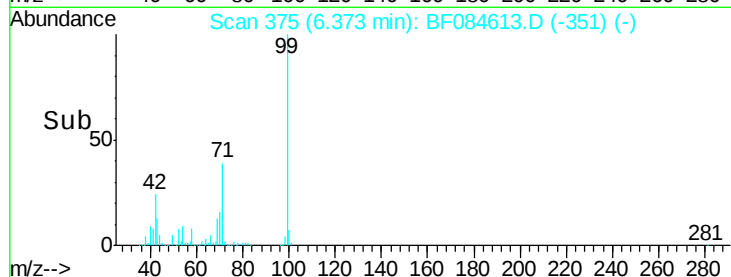
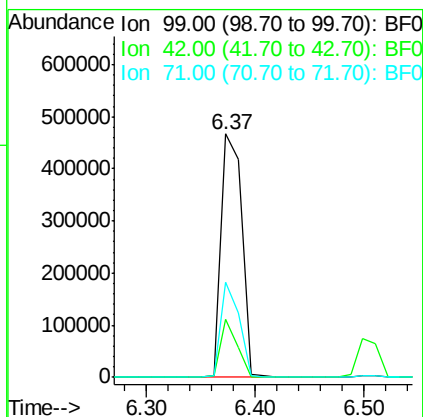
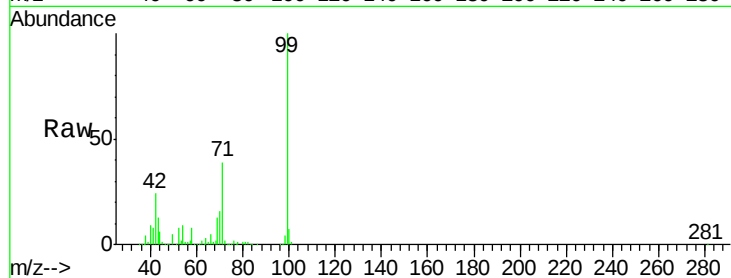
Tot Ion: 99 Resp: 618261

Ion Ratio Lower Upper

99 100

42 23.8 12.8 19.2#

71 38.9 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF084613.D

Acq: 25 Jan 2016 17:59

Tgt Ion: 136 Resp: 774234

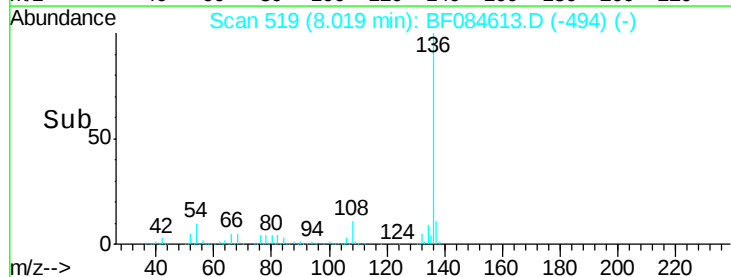
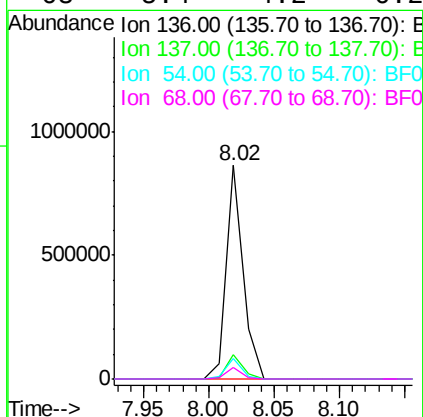
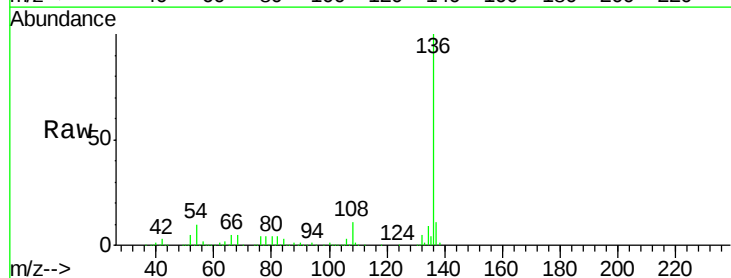
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 9.6 5.8 8.8#

68 5.4 4.2 6.2

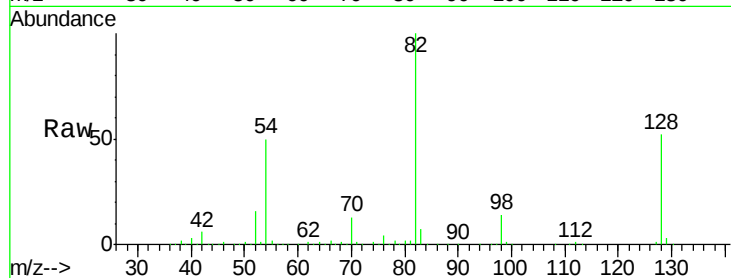




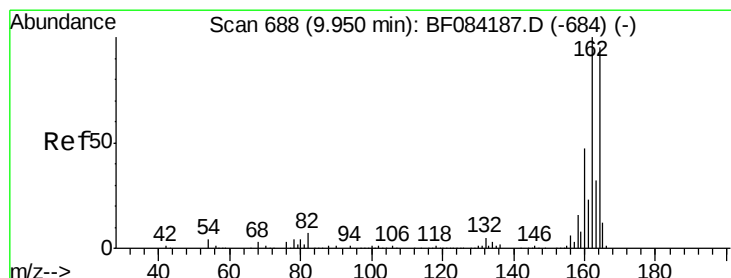
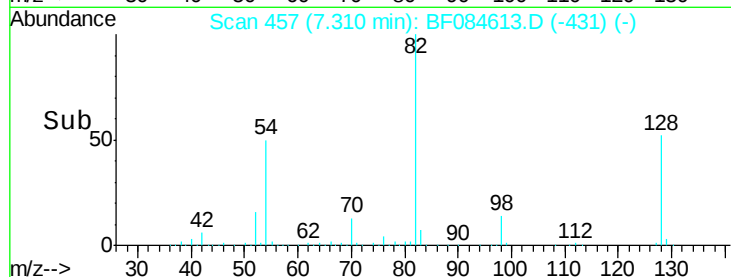
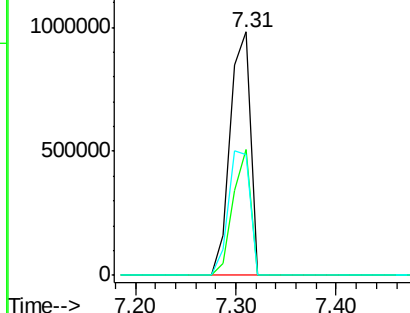
#23
Nitrobenzene-d5
Concen: 98.76 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084613.D
Acq: 25 Jan 2016 17:59

Instrument :
BNA_F
ClientSampleId :
MW-105

Tot Ion: 82 Resp: 1373937
Ion Ratio Lower Upper
82 100
128 51.9 34.6 51.8#
54 49.7 38.4 57.6

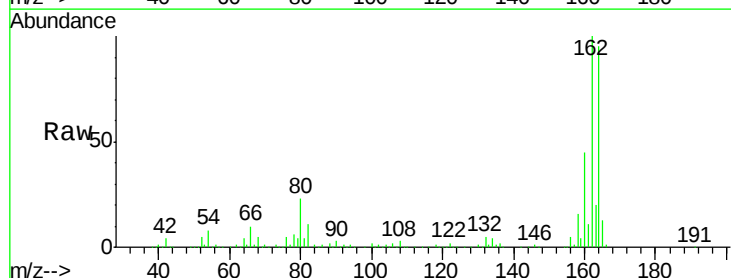


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

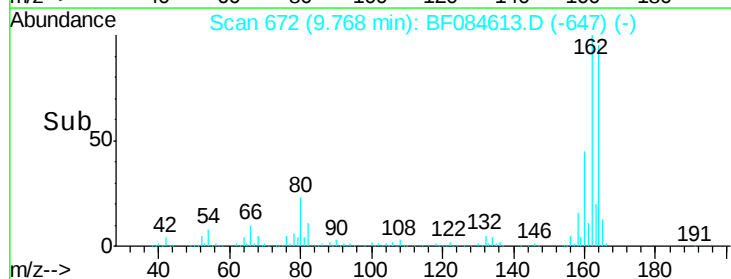
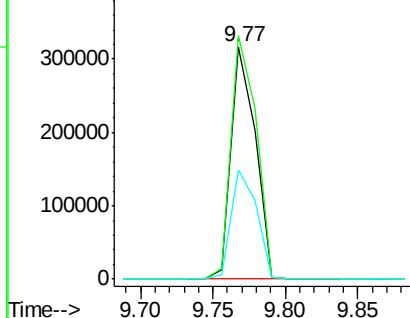


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF084613.D
Acq: 25 Jan 2016 17:59

Tgt Ion:164 Resp: 367354
Ion Ratio Lower Upper
164 100
162 104.8 85.1 127.7
160 47.0 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

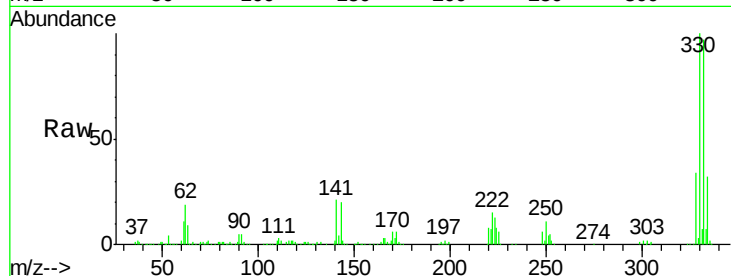




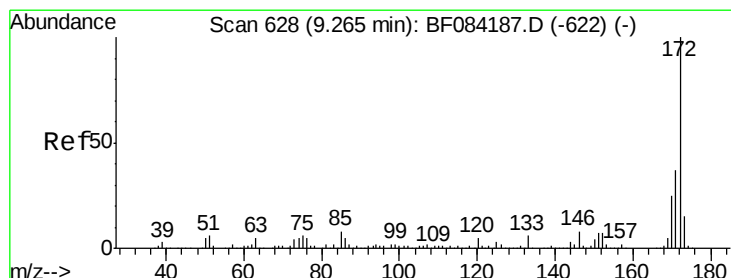
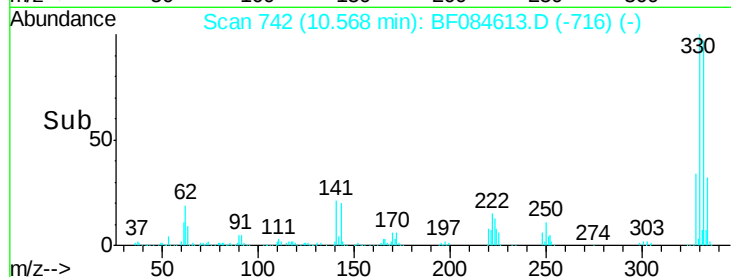
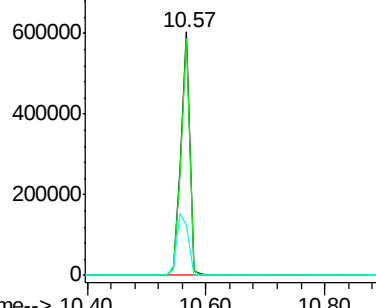
#41
 2,4,6-Tribromophenol
 Concen: 167.69 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF084613.D
 Acq: 25 Jan 2016 17:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-105

Tot Ion:330 Resp: 621906
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 33.8 27.8 41.6

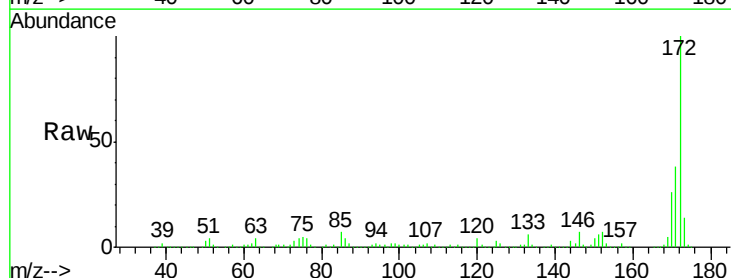


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

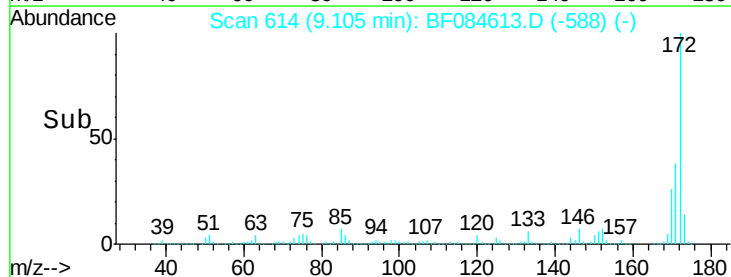
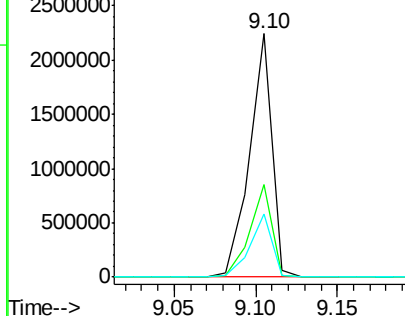


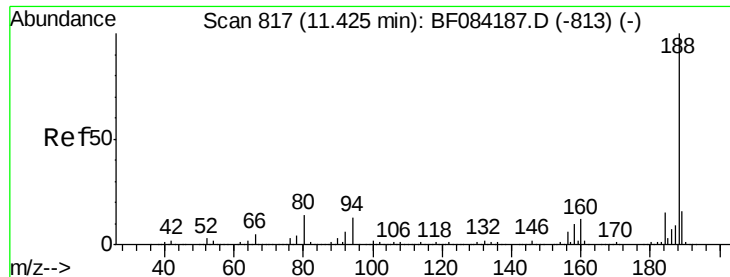
#44
 2-Fluorobiphenyl
 Concen: 103.81 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF084613.D
 Acq: 25 Jan 2016 17:59

Tgt Ion:172 Resp: 2138630
 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

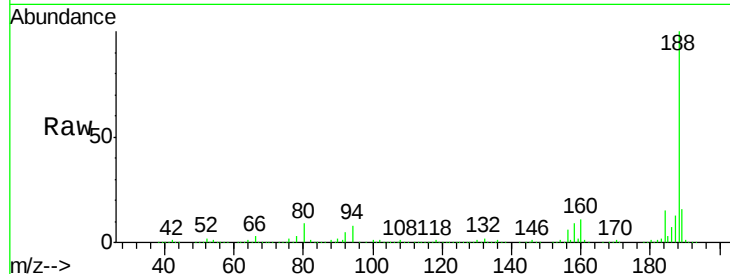




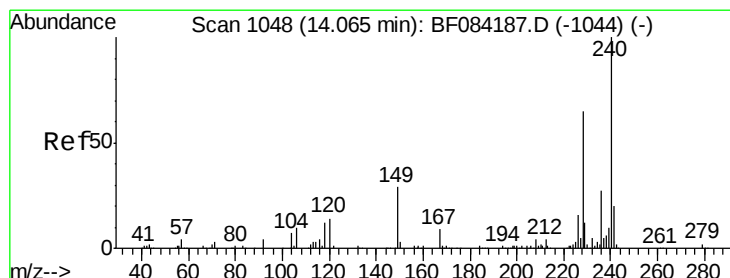
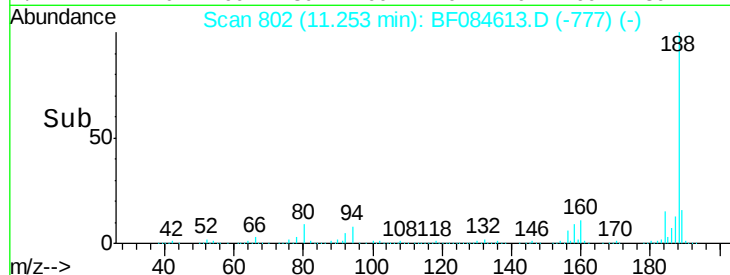
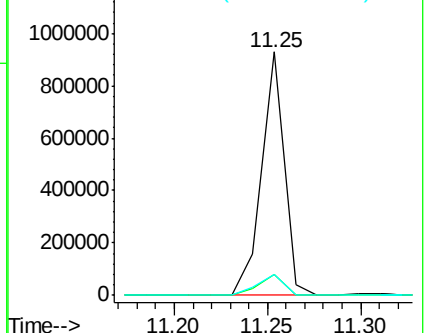
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF084613.D
Acq: 25 Jan 2016 17:59

Instrument :
BNA_F
ClientSampleId :
MW-105

Tot Ion:188 Resp: 777656
Ion Ratio Lower Upper
188 100
94 8.4 9.0 13.4#
80 8.7 9.6 14.4#

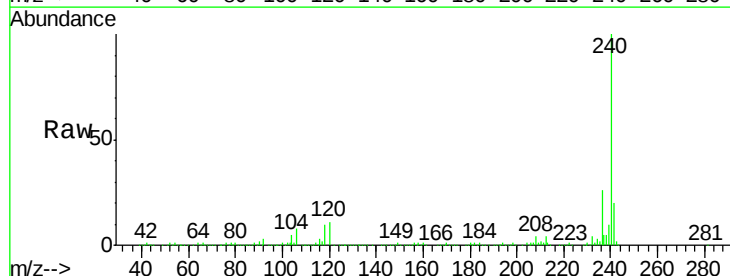


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

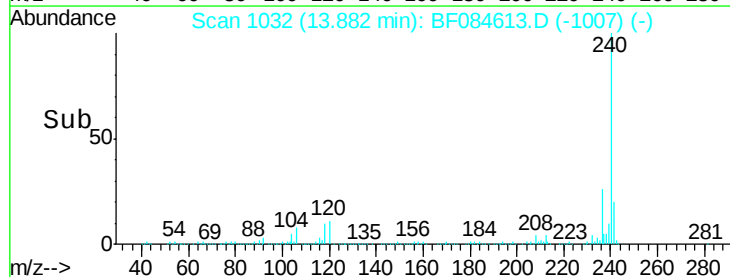
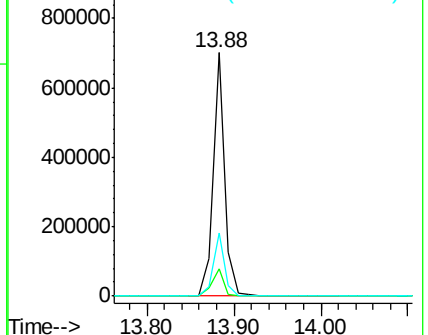


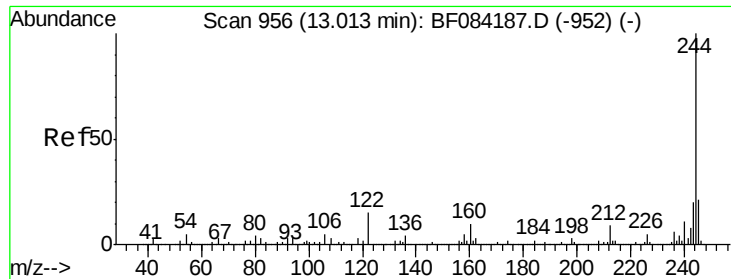
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF084613.D
Acq: 25 Jan 2016 17:59

Tgt Ion:240 Resp: 654991
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 26.1 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

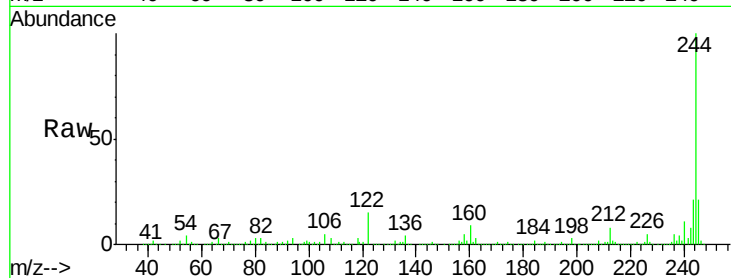




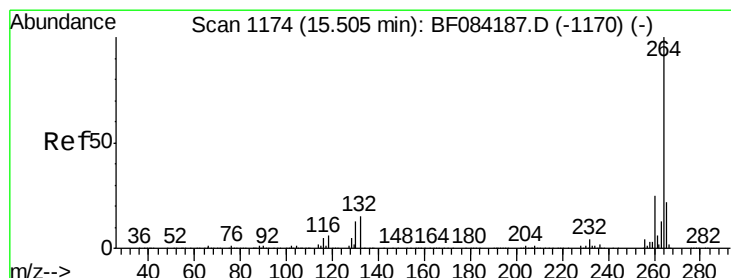
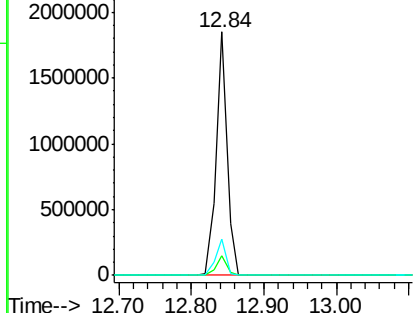
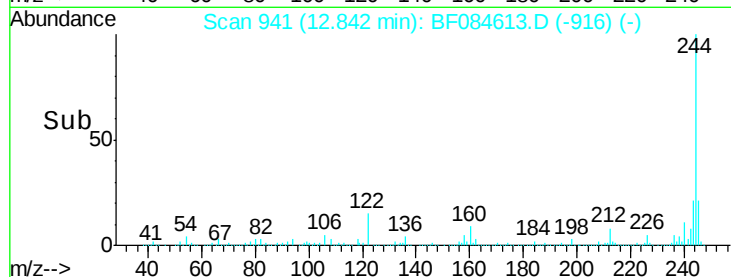
#78
 Terphenyl-d14
 Concen: 66.02 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF084613.D
 Acq: 25 Jan 2016 17:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-105

Tot Ion:244 Resp: 1937253
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 14.7 7.4 11.0#

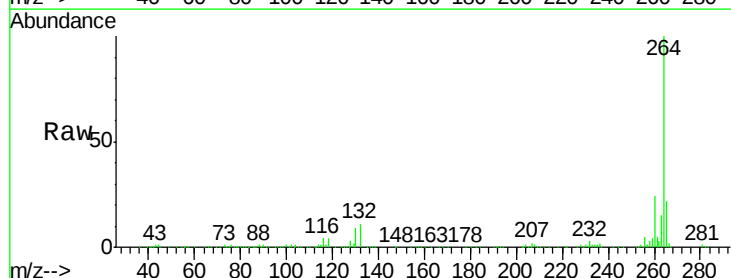


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF084613.D
 Acq: 25 Jan 2016 17:59

Tgt Ion:264 Resp: 398354
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.7 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

