

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077054.D
 Acq On : 26 Jan 2015 15:12
 Operator : TP/IZ
 Sample : G1052-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0407

Quant Time: Jan 27 00:31:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 27 00:12:15 2015
 Response via : Initial Calibration

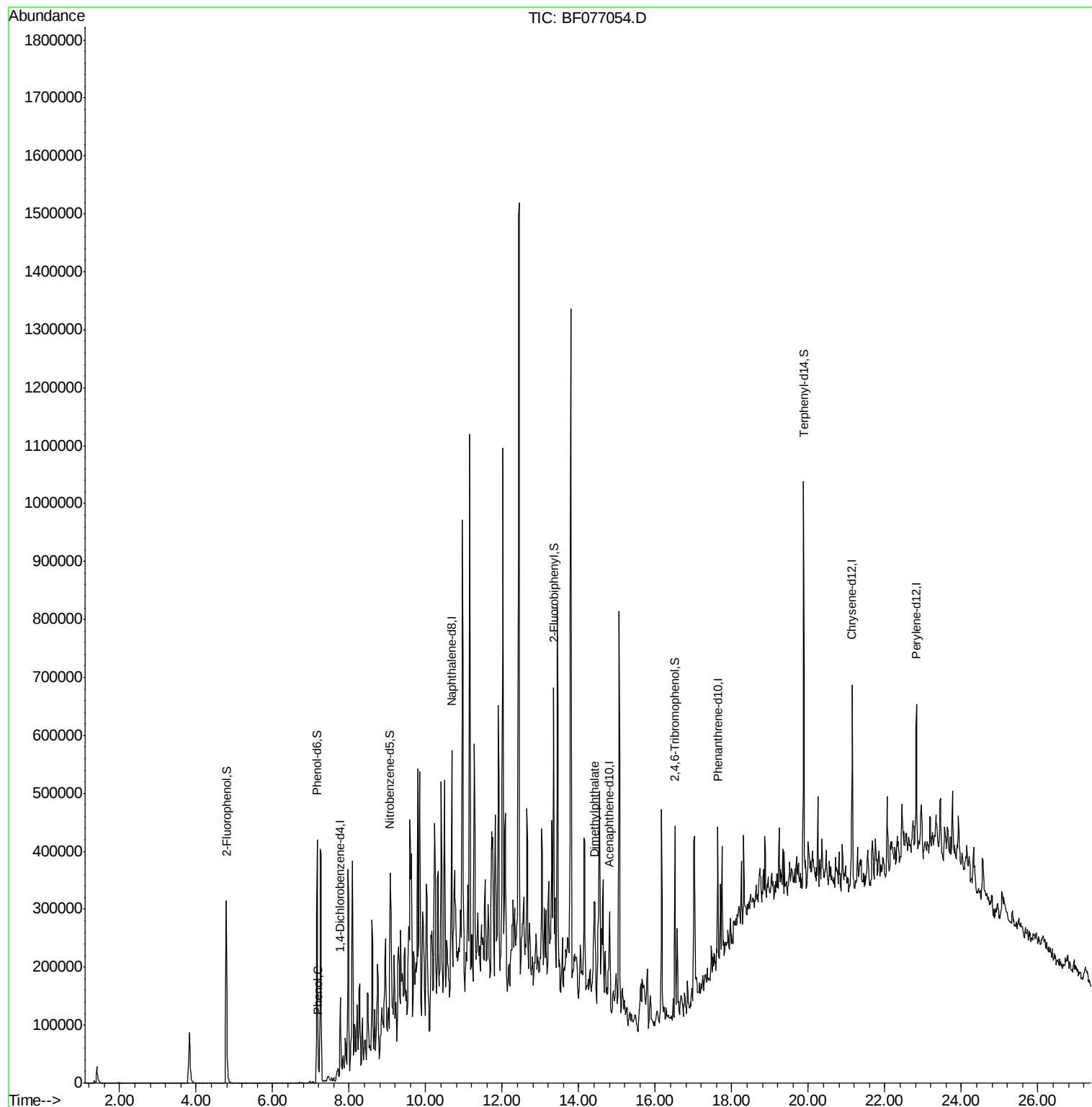
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	30382	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	134052	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	67652	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	109616	20.00	ng	0.00
75) Chrysene-d12	21.15	240	114557	20.00	ng	0.00
86) Perylene-d12	22.83	264	107597	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.79	112	183787	99.46	ng	0.00
7) Phenol-d6	7.17	99	238900	102.48	ng	0.00
23) Nitrobenzene-d5	9.06	82	148718	61.46	ng	0.00
41) 2,4,6-Tribromophenol	16.52	330	45811	83.42	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	270465	60.84	ng	0.01
78) Terphenyl-d14	19.88	244	249594	50.16	ng	0.00
Target Compounds						
10) Phenol	7.19	94	5527	2.23	ng	# 52
49) Dimethylphthalate	14.40	163	33246	6.93	ng	# 94

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

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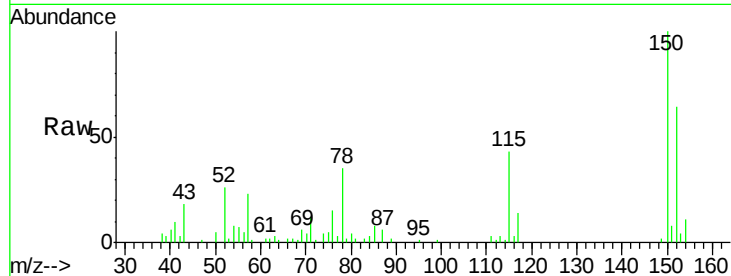




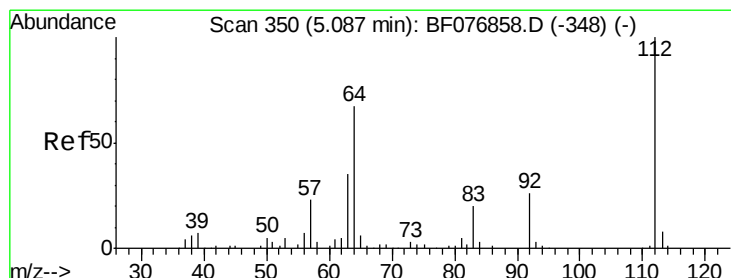
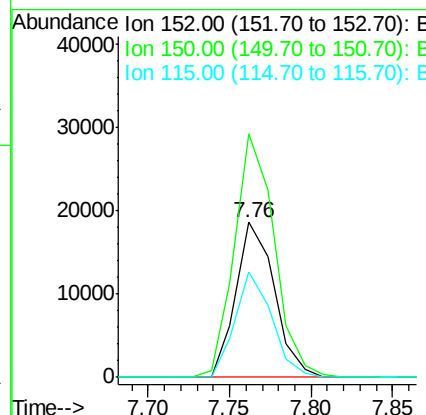
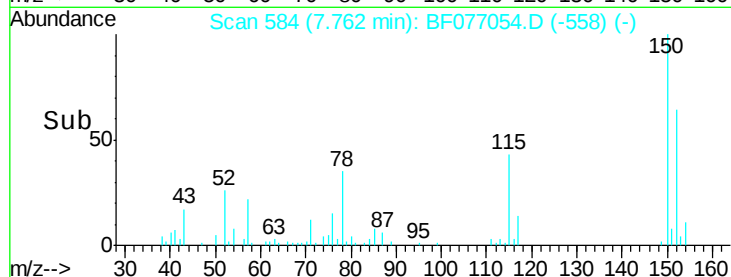
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.76 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BF077054.D
 Acq: 26 Jan 2015 15:12

Instrument :
 BNA_F
 ClientSampleId :
 S8-0407

Tgt Ion:152 Resp: 30382
 Ion Ratio Lower Upper
 152 100
 150 156.9 121.7 182.5
 115 68.0 47.0 70.6

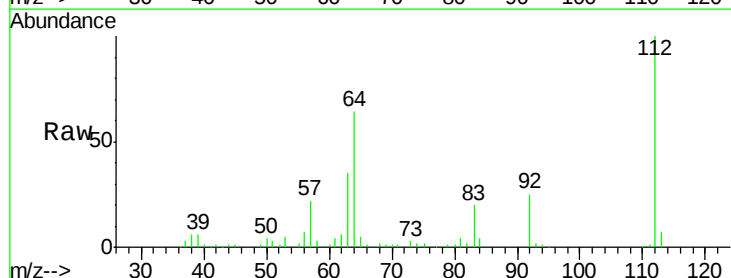


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

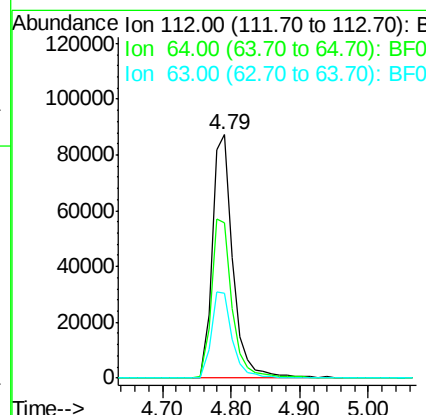
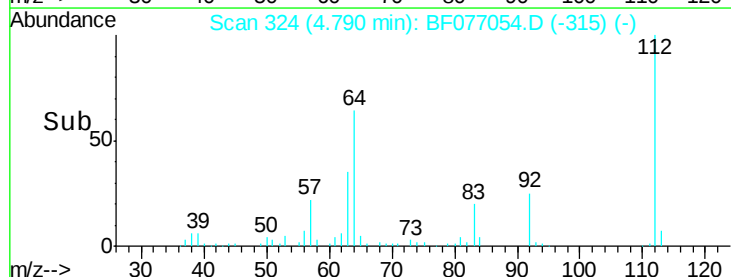


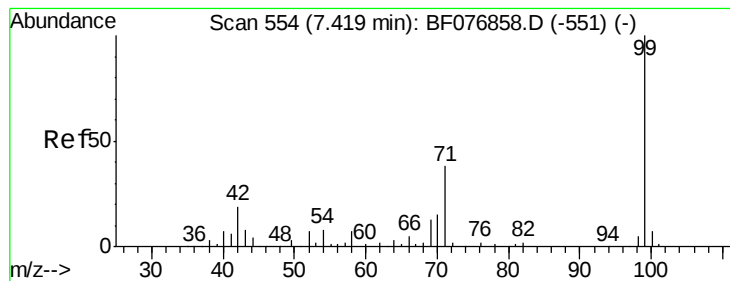
#5
 2-Fluorophenol
 Concen: 99.46 ng
 RT: 4.79 min Scan# 324
 Delta R.T. -0.00 min
 Lab File: BF077054.D
 Acq: 26 Jan 2015 15:12

Tgt Ion:112 Resp: 183787
 Ion Ratio Lower Upper
 112 100
 64 63.9 54.2 81.4
 63 34.7 28.4 42.6



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: 102.48 ng

RT: 7.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF077054.D

Acq: 26 Jan 2015 15:12

Instrument :

BNA_F

ClientSampleId :

S8-0407

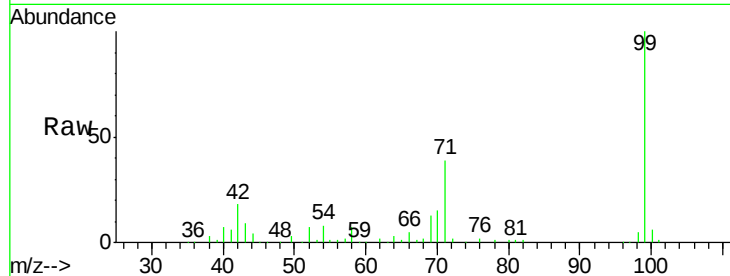
Tgt Ion: 99 Resp: 238900

Ion Ratio Lower Upper

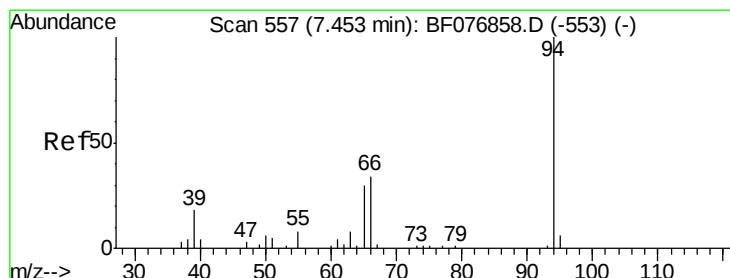
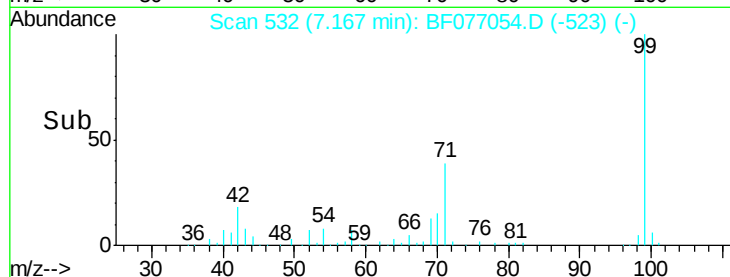
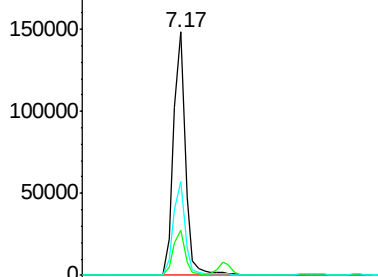
99 100

42 18.5 15.0 22.4

71 38.7 30.5 45.7



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



#10

Phenol

Concen: 2.23 ng

RT: 7.19 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF077054.D

Acq: 26 Jan 2015 15:12

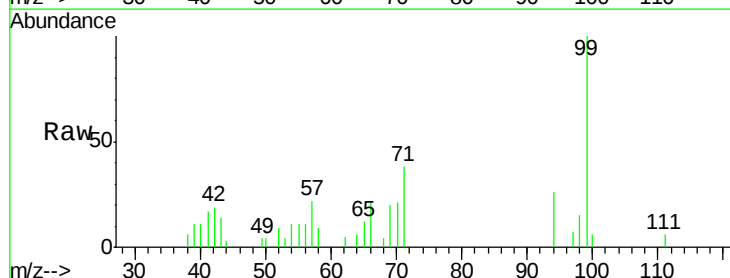
Tgt Ion: 94 Resp: 5527

Ion Ratio Lower Upper

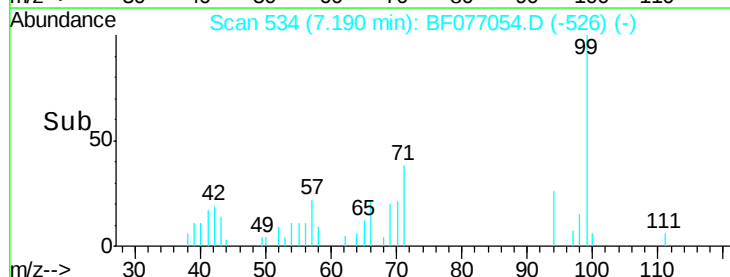
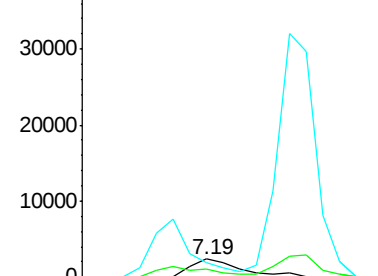
94 100

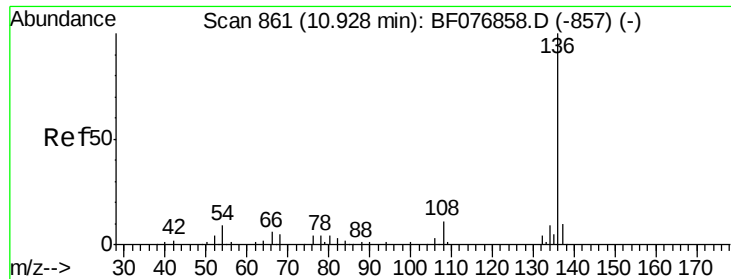
65 45.8 11.3 51.3

66 79.6 19.5 59.5#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.68 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF077054.D

Acq: 26 Jan 2015 15:12

Instrument :

BNA_F

ClientSampleId :

S8-0407

Tgt Ion: 136 Resp: 134052

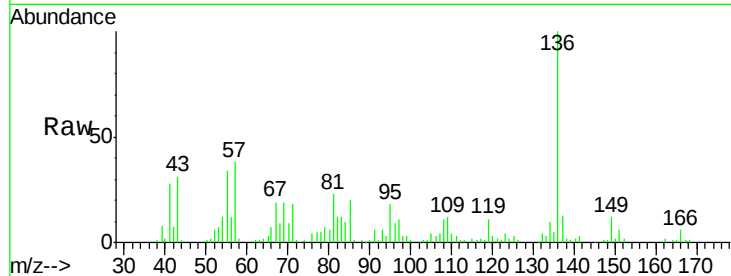
Ion Ratio Lower Upper

136 100

137 12.8 8.1 12.1#

54 12.0 7.0 10.4#

68 9.1 3.7 5.5#



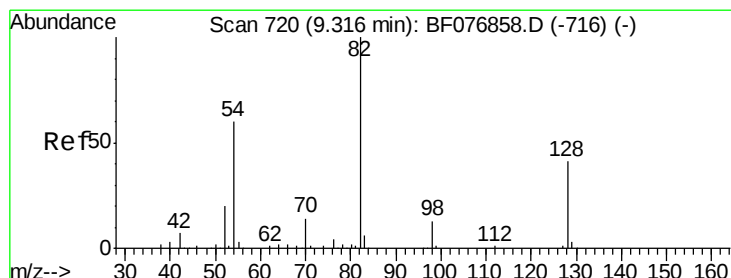
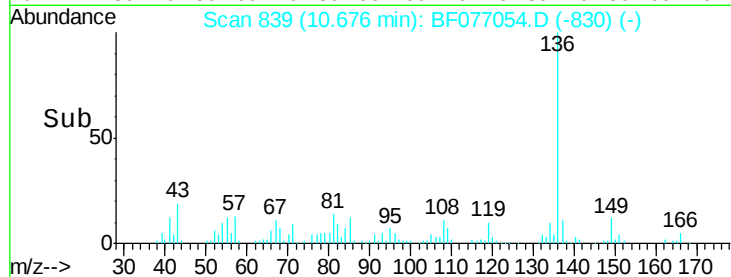
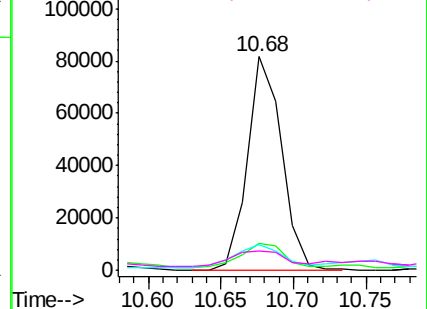
Abundance

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: 61.46 ng

RT: 9.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF077054.D

Acq: 26 Jan 2015 15:12

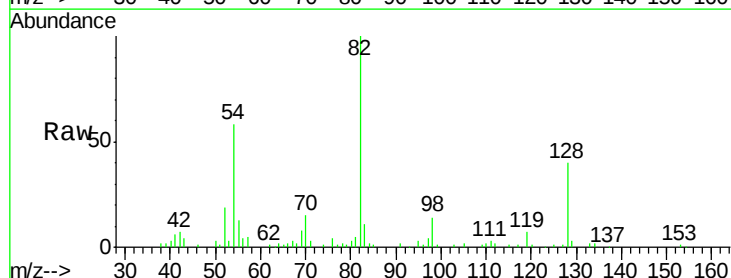
Tgt Ion: 82 Resp: 148718

Ion Ratio Lower Upper

82 100

128 40.4 33.1 49.7

54 58.0 48.3 72.5

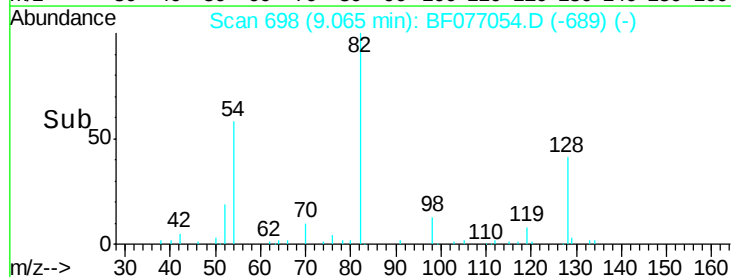
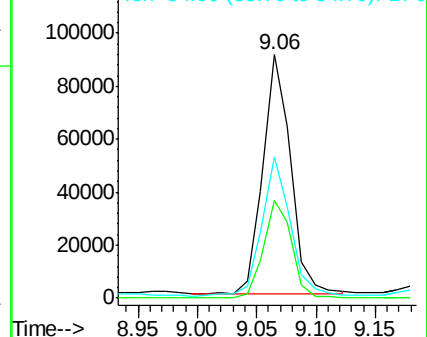


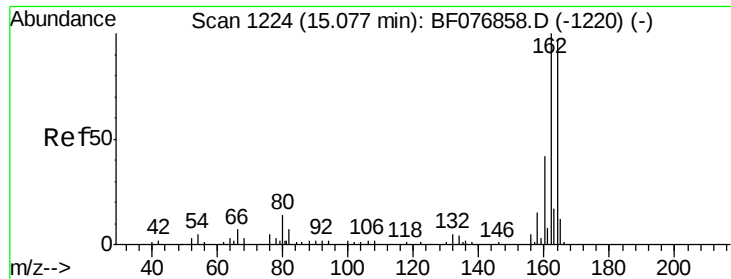
Abundance

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

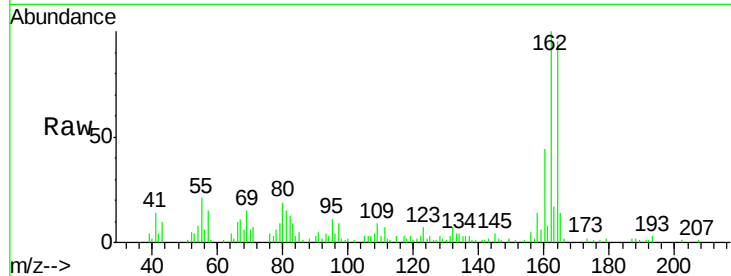




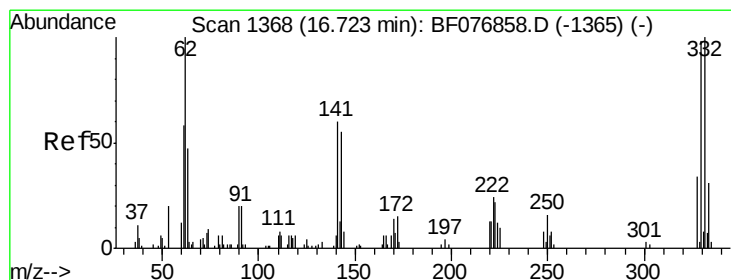
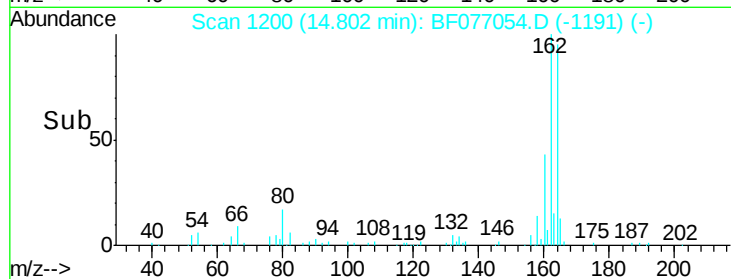
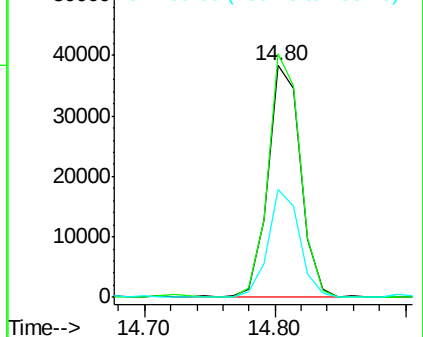
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF077054.D
Acq: 26 Jan 2015 15:12

Instrument :
BNA_F
ClientSampleId :
S8-0407

Tgt Ion:164 Resp: 67652
Ion Ratio Lower Upper
164 100
162 105.0 82.4 123.6
160 46.4 34.8 52.2

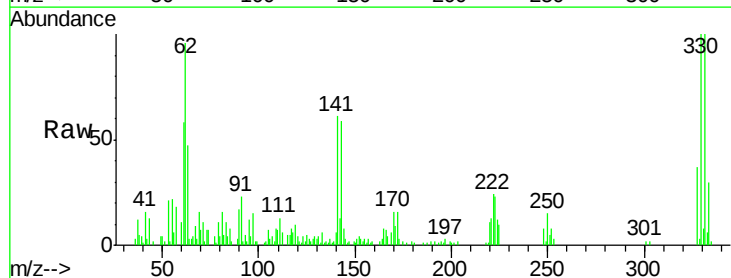


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

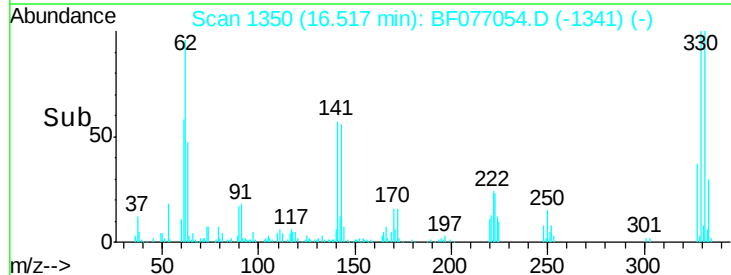
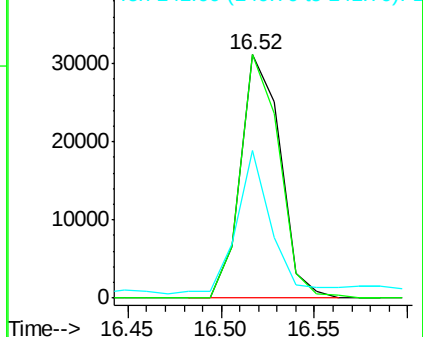


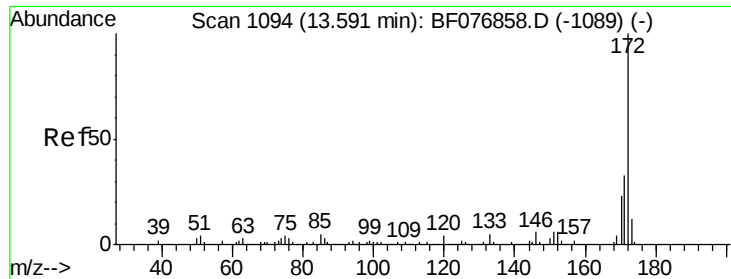
#41
2,4,6-Tribromophenol
Concen: 83.42 ng
RT: 16.52 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BF077054.D
Acq: 26 Jan 2015 15:12

Tgt Ion:330 Resp: 45811
Ion Ratio Lower Upper
330 100
332 97.9 77.8 116.6
141 52.8 38.5 57.7



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

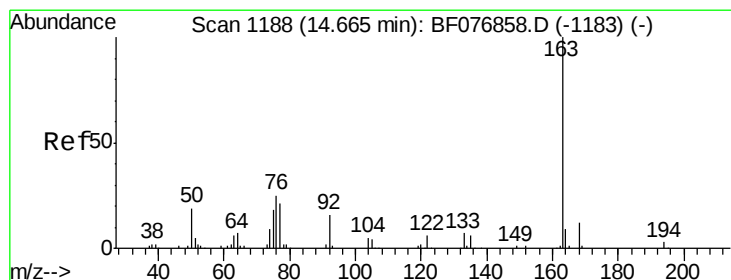
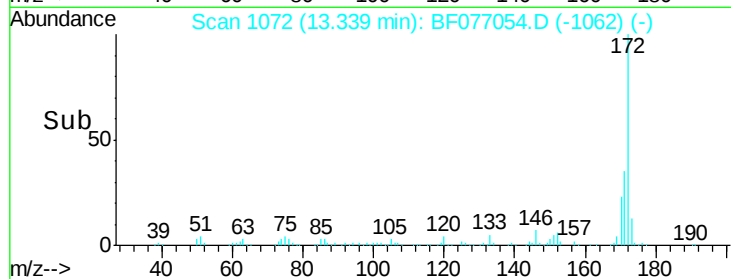
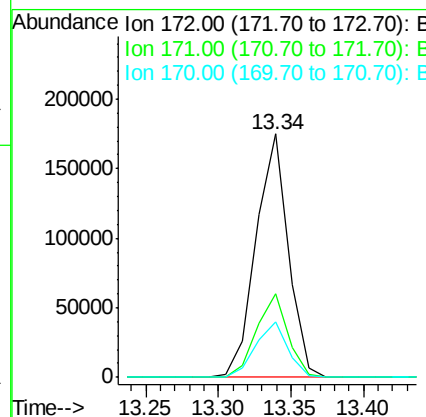
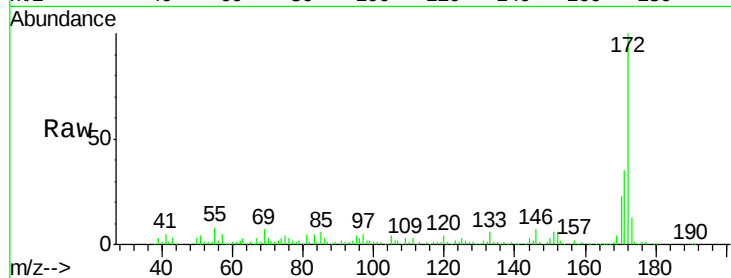




#44
2-Fluorobiphenyl
Concen: 60.84 ng
RT: 13.34 min Scan# 1072
Delta R.T. 0.01 min
Lab File: BF077054.D
Acq: 26 Jan 2015 15:12

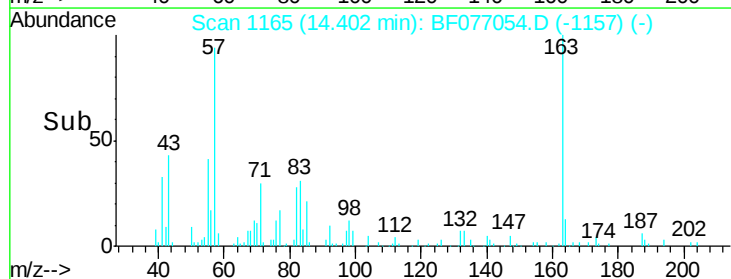
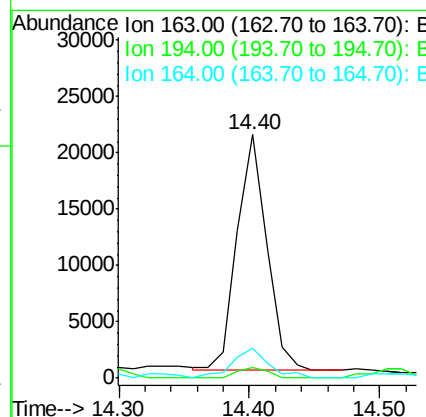
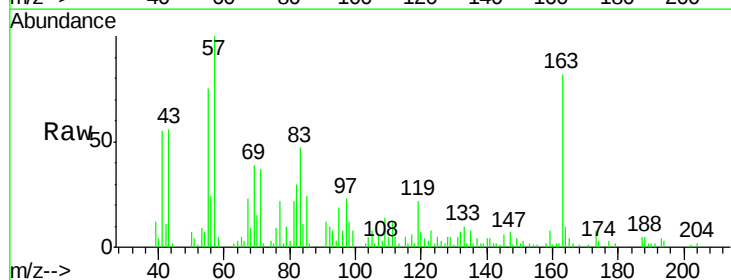
Instrument :
BNA_F
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S8-0407

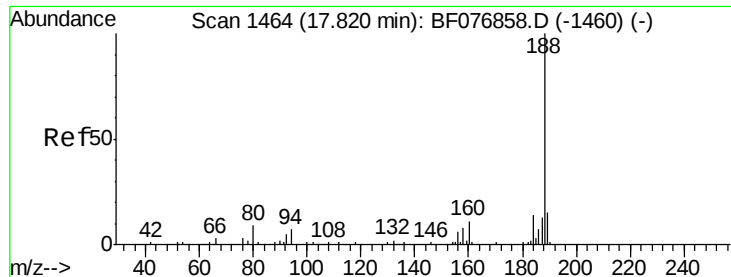
Tgt Ion:172 Resp: 270465
Ion Ratio Lower Upper
172 100
171 34.6 26.6 40.0
170 23.0 18.0 27.0



#49
Dimethylphthalate
Concen: 6.93 ng
RT: 14.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF077054.D
Acq: 26 Jan 2015 15:12

Tgt Ion:163 Resp: 33246
Ion Ratio Lower Upper
163 100
194 4.2 2.6 4.0#
164 12.1 7.5 11.3#

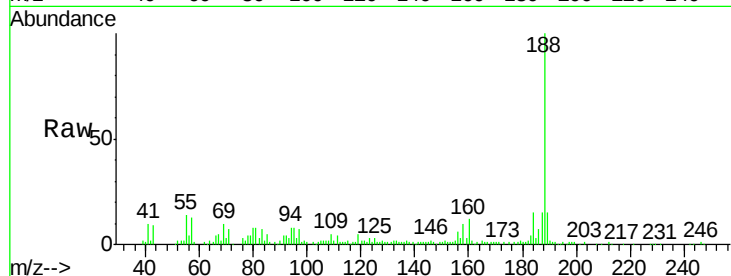




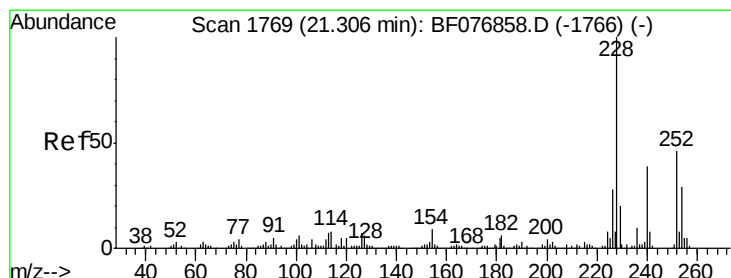
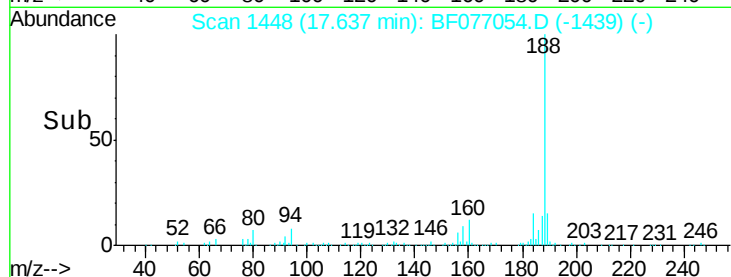
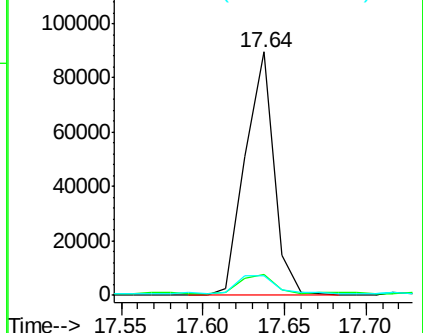
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.64 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF077054.D
Acq: 26 Jan 2015 15:12

Instrument :
BNA_F
ClientSampleId :
S8-0407

Tgt Ion:188 Resp: 109616
Ion Ratio Lower Upper
188 100
94 8.5 6.0 9.0
80 8.2 6.9 10.3

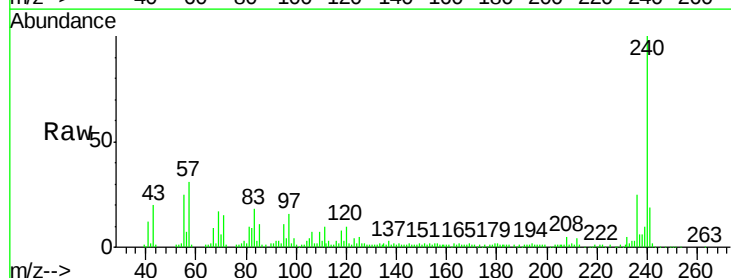


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

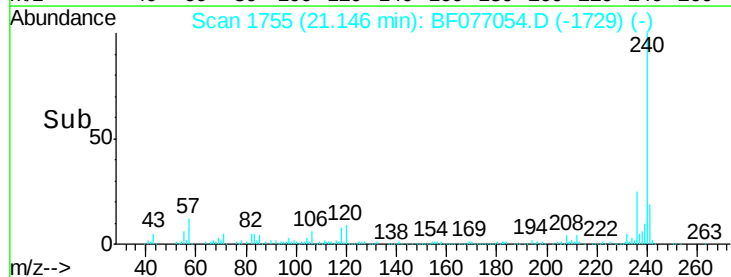
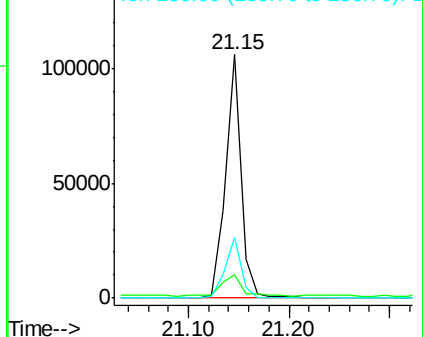


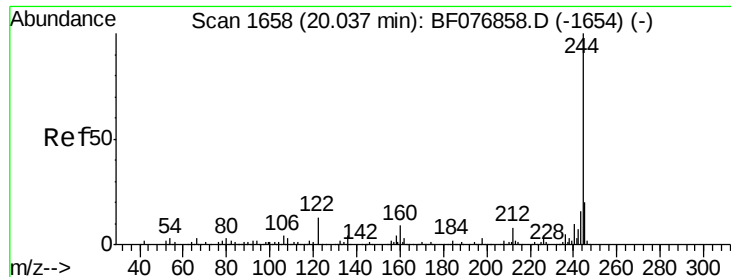
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.15 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF077054.D
Acq: 26 Jan 2015 15:12

Tgt Ion:240 Resp: 114557
Ion Ratio Lower Upper
240 100
120 9.9 10.4 15.6#
236 24.7 20.2 30.2



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

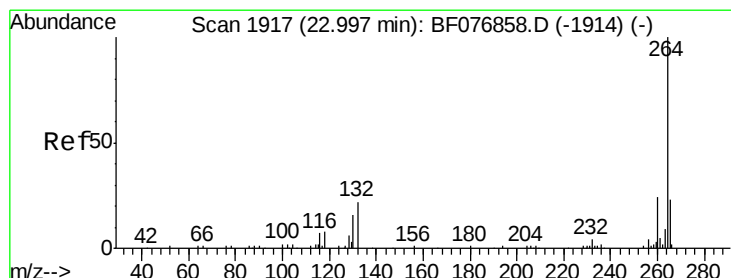
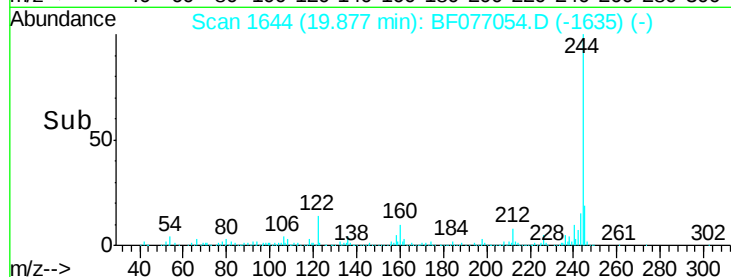
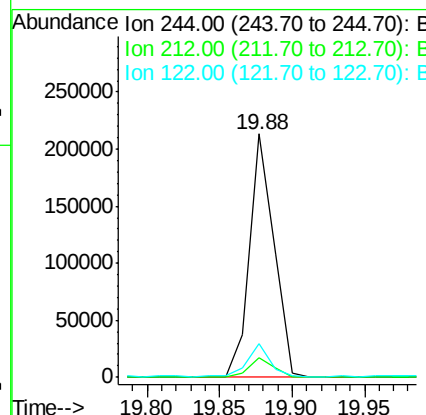
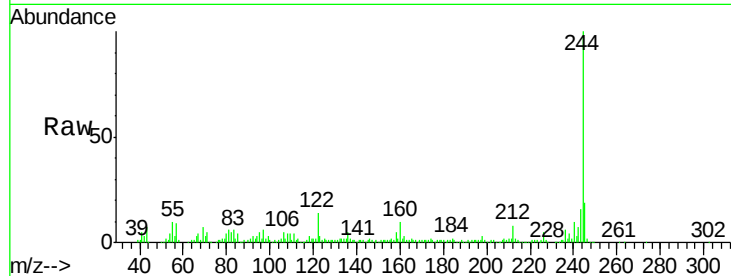




#78
 Terphenyl-d14
 Concen: 50.16 ng
 RT: 19.88 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BF077054.D
 Acq: 26 Jan 2015 15:12

Instrument :
 BNA_F
 ClientSampleId :
 S8-0407

Tgt Ion:244 Resp: 249594
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 14.0 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.83 min Scan# 1902
 Delta R.T. 0.05 min
 Lab File: BF077054.D
 Acq: 26 Jan 2015 15:12

Tgt Ion:264 Resp: 107597
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.8 18.1 27.1

