

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\
 Data File : BF089561.D
 Acq On : 2 Aug 2016 22:10
 Operator : UM/SJ
 Sample : H4269-22
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-57-13.8-18.5

Quant Time: Aug 03 02:14:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 03 01:32:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	38443	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	142402	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	63584	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	100678	20.00	ng	0.00
75) Chrysene-d12	13.59	240	81175	20.00	ng	-0.01
86) Perylene-d12	14.91	264	76945	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	197695	82.11	ng	0.01
7) Phenol-d6	6.12	99	195872	61.56	ng	-0.01
23) Nitrobenzene-d5	7.05	82	253436	105.05	ng	0.00
41) 2,4,6-Tribromophenol	10.28	330	66465	126.21	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	414008	95.56	ng	-0.01
78) Terphenyl-d14	12.55	244	307179	88.57	ng	-0.01

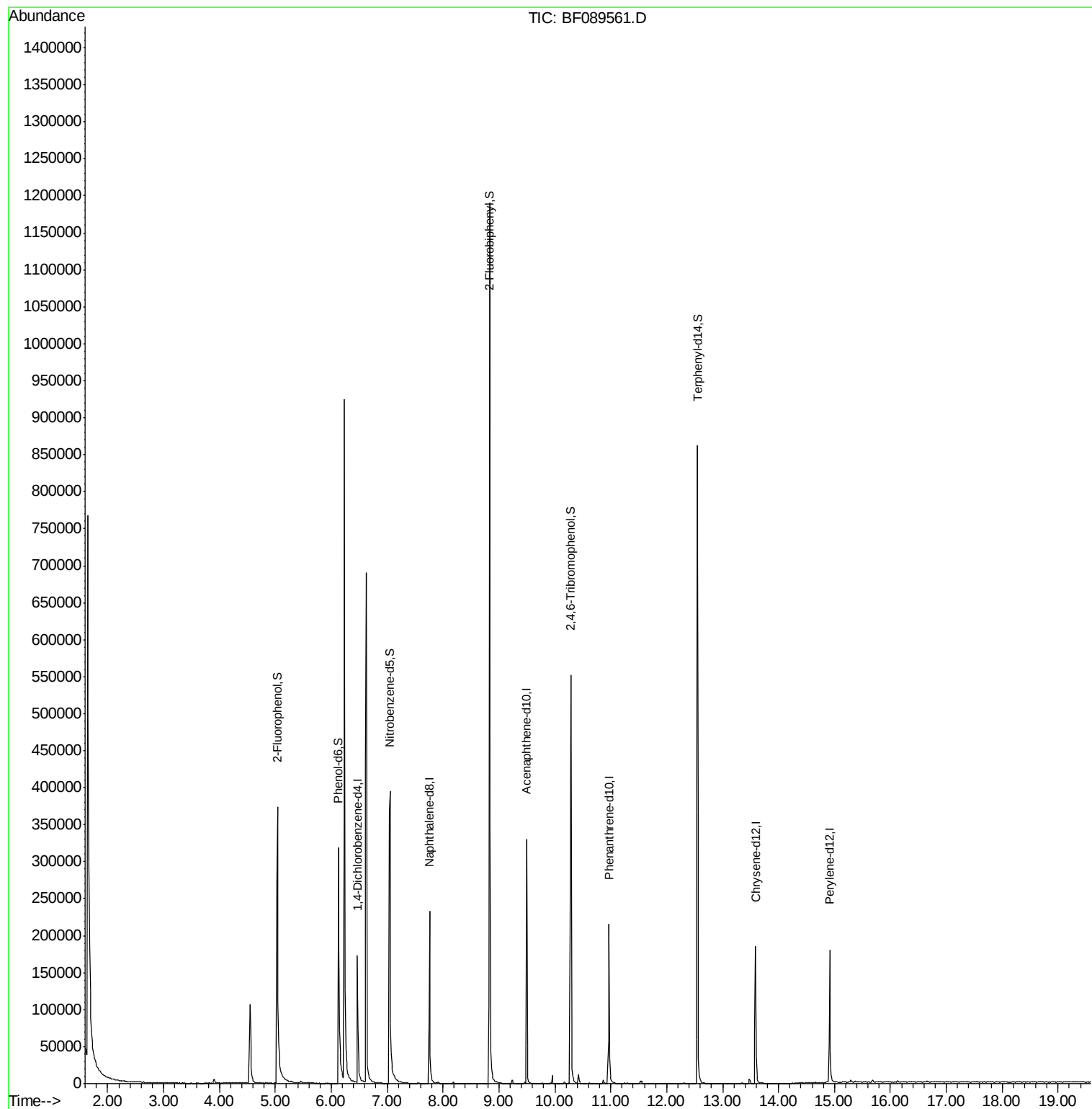
Target Compounds Qvalue

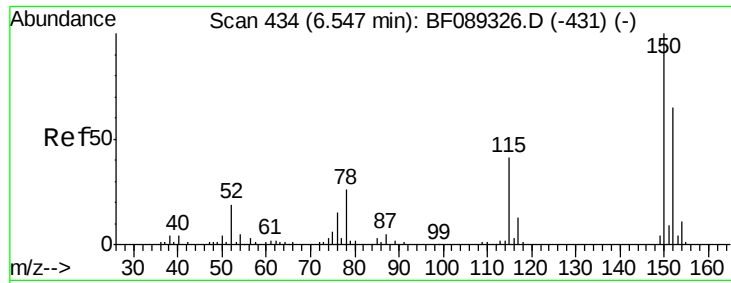
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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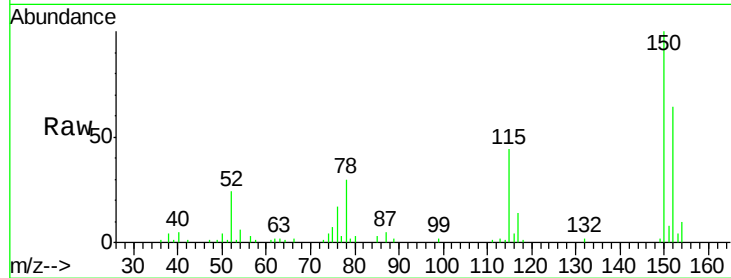


#1

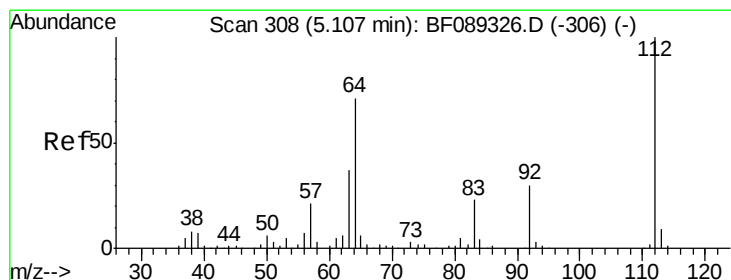
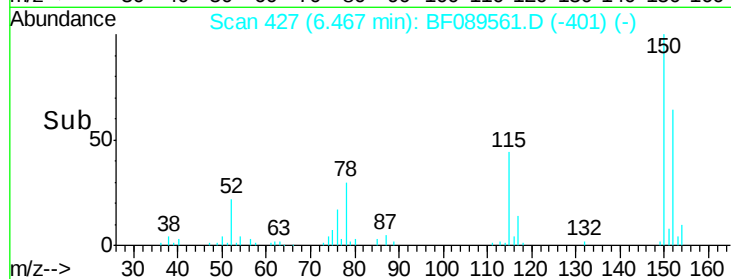
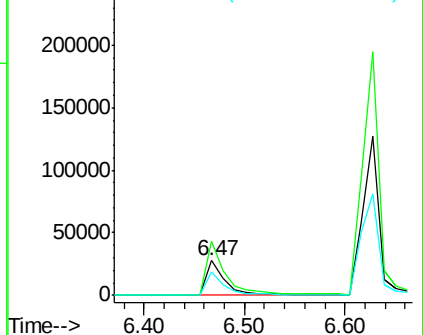
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.47 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF089561.D
 Acq: 2 Aug 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 GW-57-13.8-18.5

Tot Ion:152 Resp: 38443
 Ion Ratio Lower Upper
 152 100
 150 156.8 129.5 194.3
 115 69.3 51.4 77.2



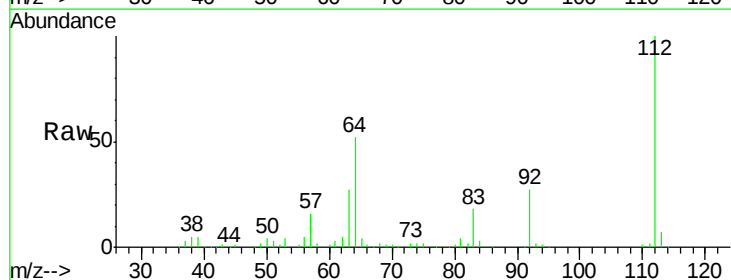
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



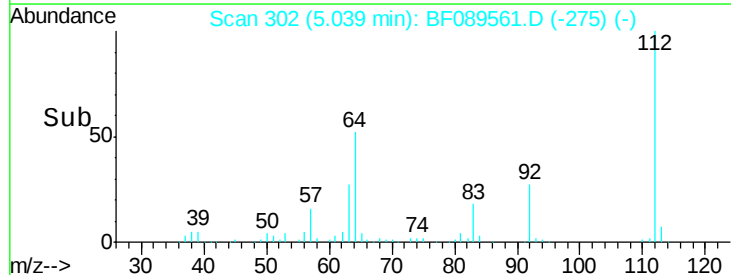
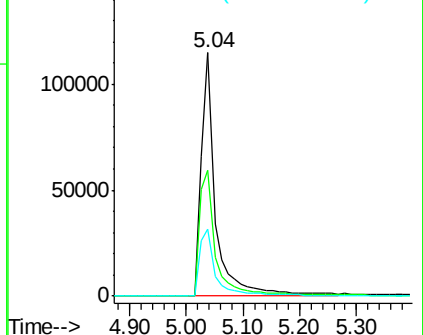
#5

2-Fluorophenol
 Concen: 82.11 ng
 RT: 5.04 min Scan# 302
 Delta R.T. 0.01 min
 Lab File: BF089561.D
 Acq: 2 Aug 2016 22:10

Tgt Ion:112 Resp: 197695
 Ion Ratio Lower Upper
 112 100
 64 51.9 55.0 82.6#
 63 27.5 29.4 44.2#



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: 61.56 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF089561.D

Acq: 2 Aug 2016 22:10

Instrument :

BNA_F

ClientSampleId :

GW-57-13.8-18.5

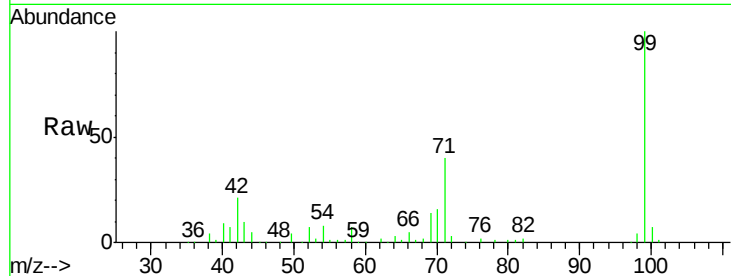
Tot Ion: 99 Resp: 195872

Ion Ratio Lower Upper

99 100

42 20.7 13.6 20.4#

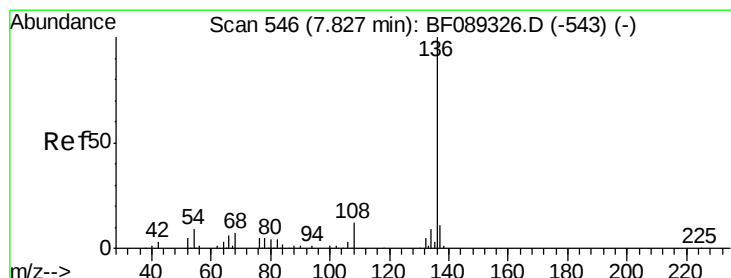
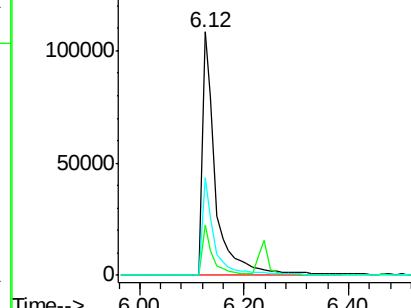
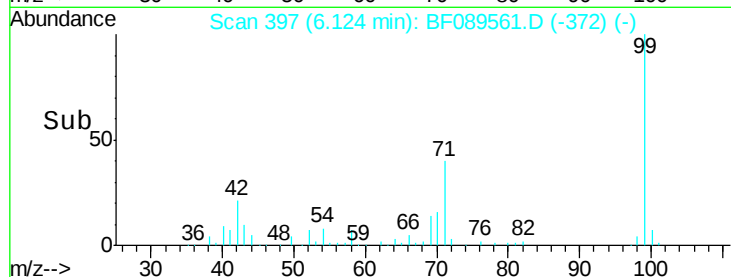
71 40.4 29.4 44.2



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: 7.76 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF089561.D

Acq: 2 Aug 2016 22:10

Tgt Ion: 136 Resp: 142402

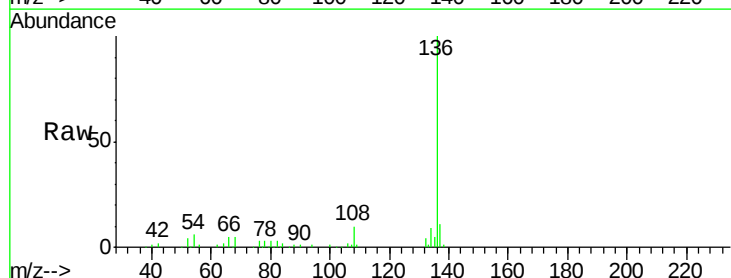
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 6.3 7.0 10.4#

68 5.0 4.9 7.3

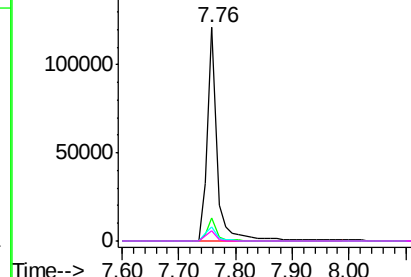
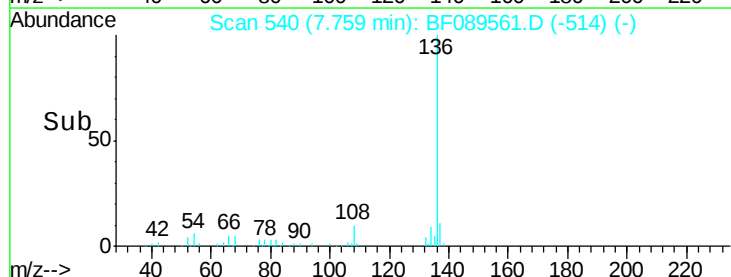


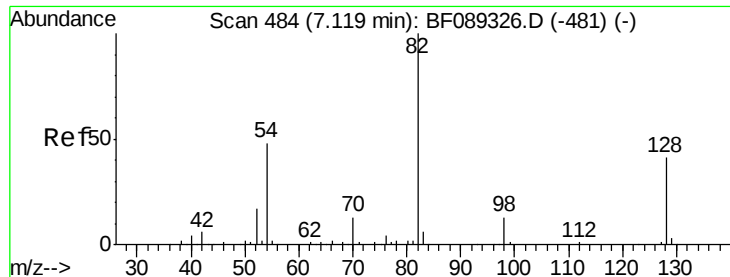
Abundance Ion 136.00 (135.70 to 136.70): E

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

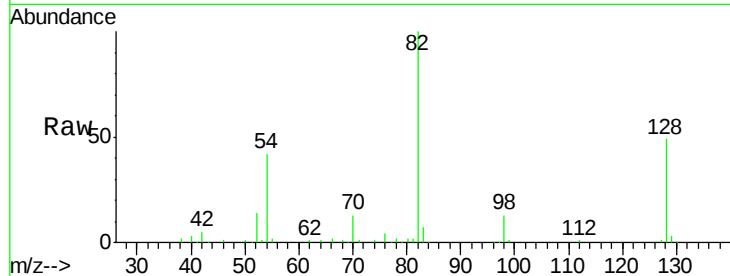




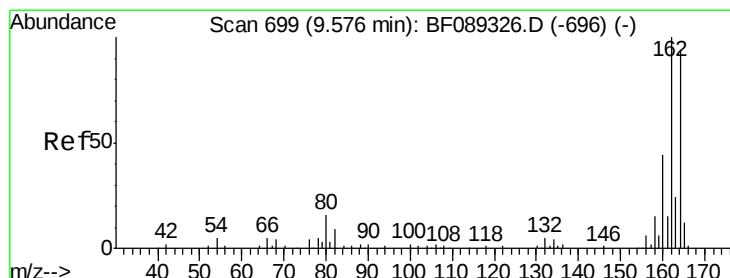
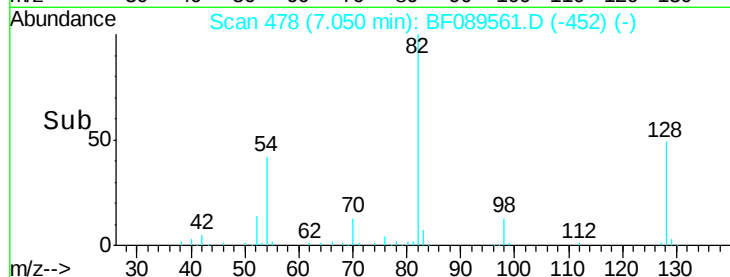
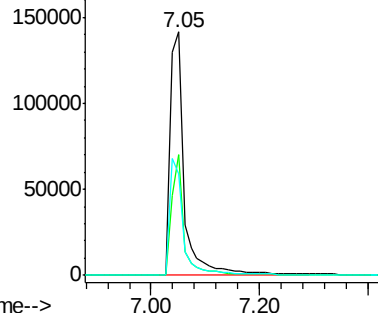
#23
 Nitrobenzene-d5
 Concen: 105.05 ng
 RT: 7.05 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: BF089561.D
 Acq: 2 Aug 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 GW-57-13.8-18.5

Tot Ion: 82 Resp: 253436
 Ion Ratio Lower Upper
 82 100
 128 49.5 32.5 48.7#
 54 41.6 38.8 58.2

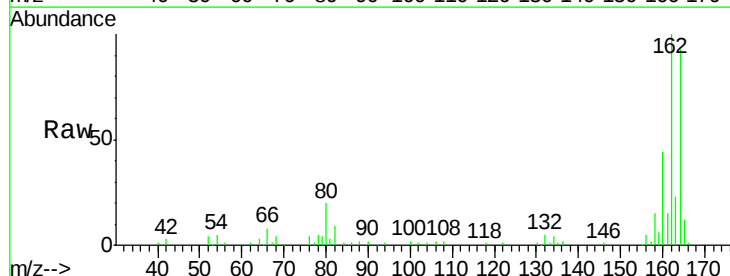


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

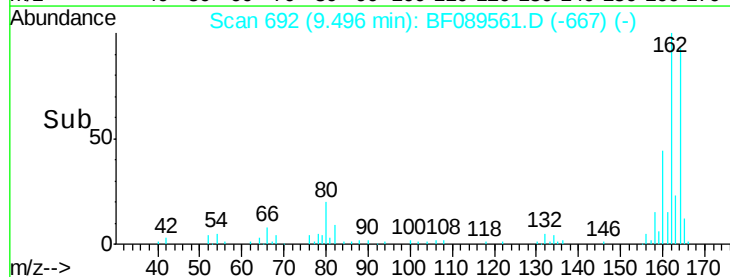
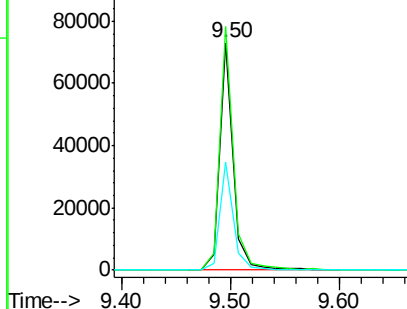


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF089561.D
 Acq: 2 Aug 2016 22:10

Tgt Ion: 164 Resp: 63584
 Ion Ratio Lower Upper
 164 100
 162 107.3 83.7 125.5
 160 47.6 37.8 56.6



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

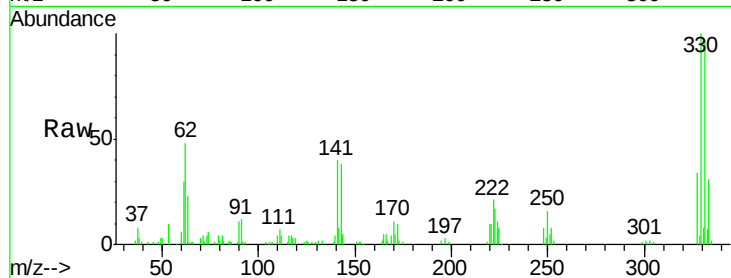




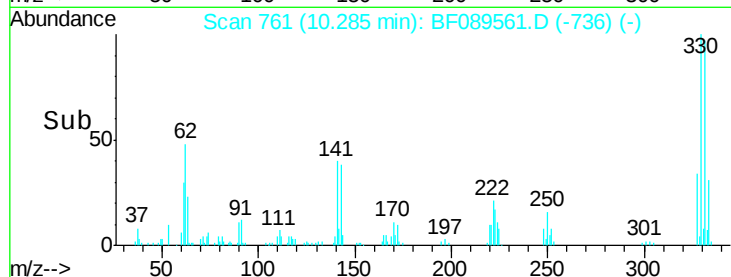
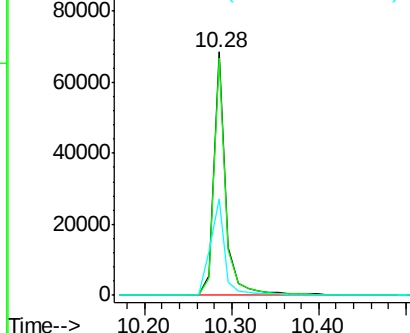
#41
 2,4,6-Tribromophenol
 Concen: 126.21 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF089561.D
 Acq: 2 Aug 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 GW-57-13.8-18.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	48.2	37.3	55.9

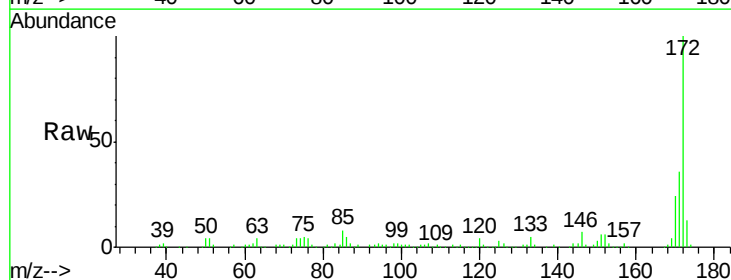


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

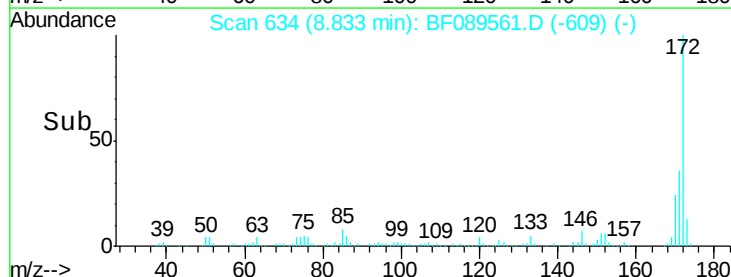
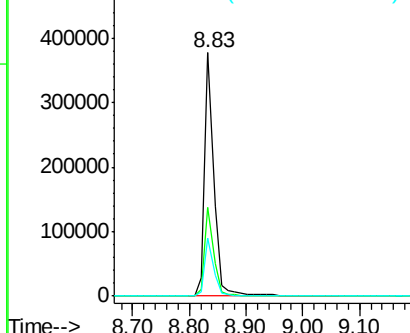


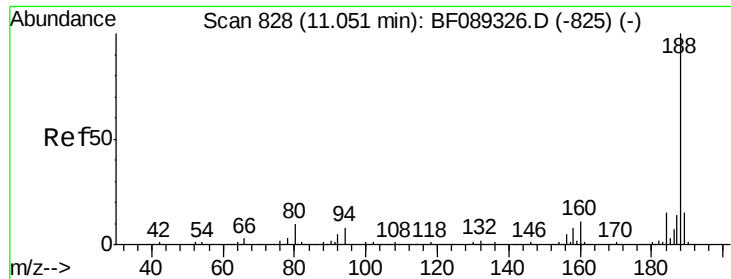
#44
 2-Fluorobiphenyl
 Concen: 95.56 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF089561.D
 Acq: 2 Aug 2016 22:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	23.7	19.2	28.8



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

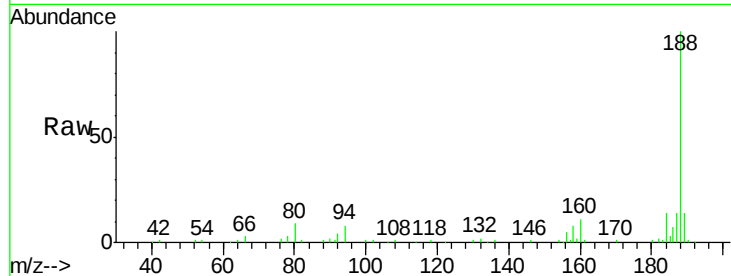




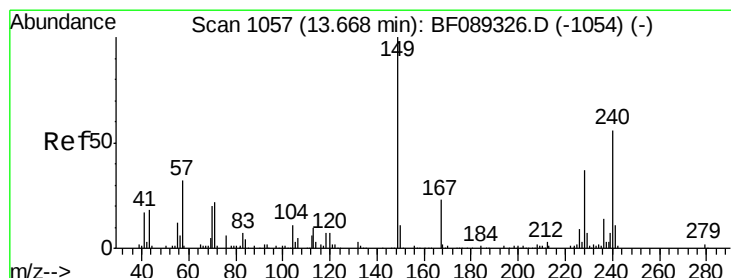
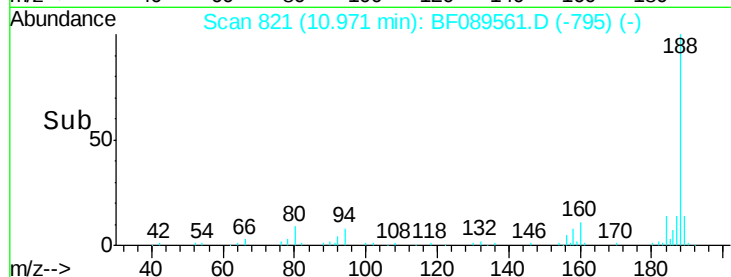
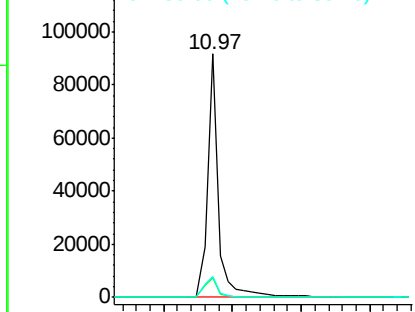
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF089561.D
Acq: 2 Aug 2016 22:10

Instrument :
BNA_F
ClientSampleId :
GW-57-13.8-18.5

Tot Ion:188 Resp: 100678
Ion Ratio Lower Upper
188 100
94 8.2 6.5 9.7
80 8.7 7.2 10.8

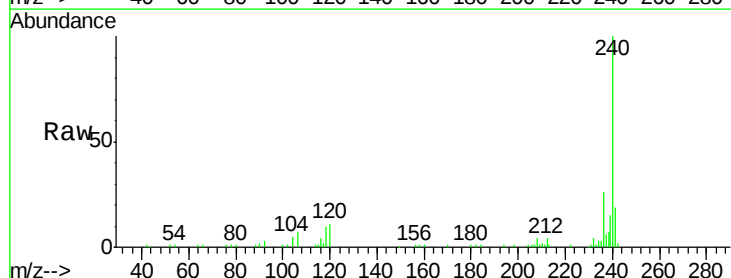


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

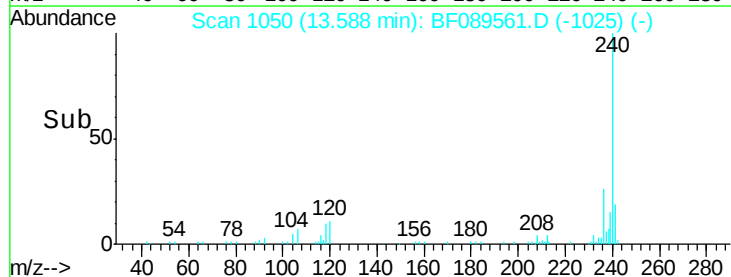
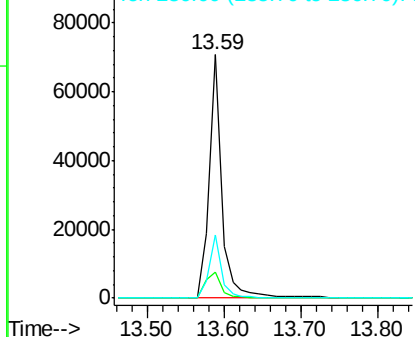


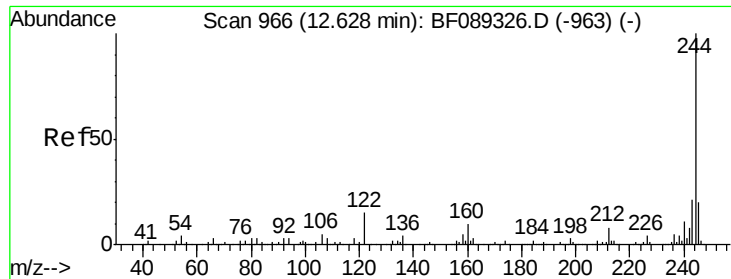
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF089561.D
Acq: 2 Aug 2016 22:10

Tgt Ion:240 Resp: 81175
Ion Ratio Lower Upper
240 100
120 10.8 9.1 13.7
236 25.7 20.6 30.8



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

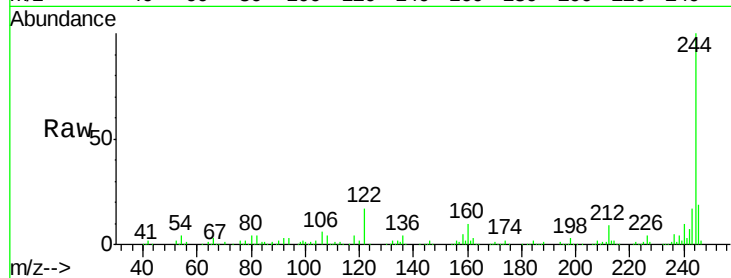




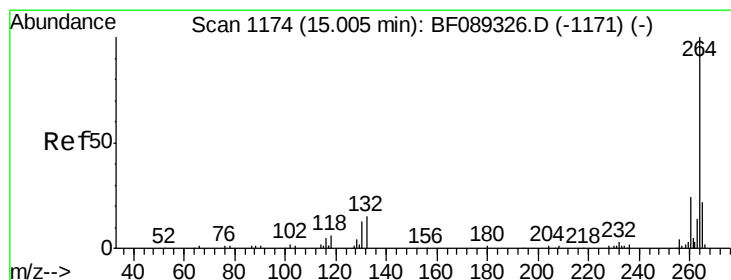
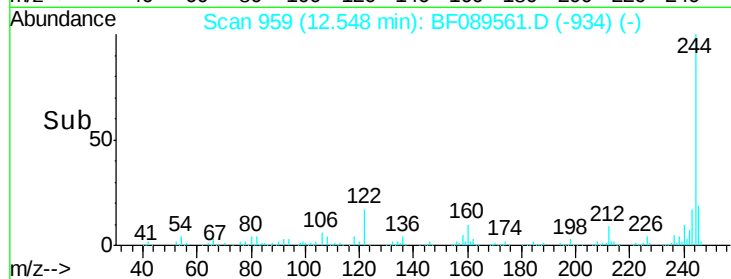
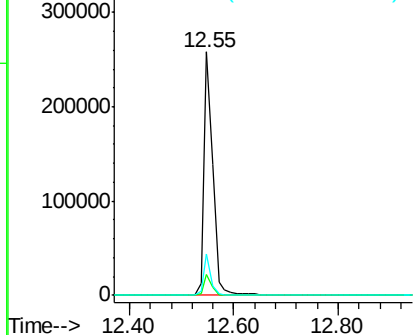
#78
 Terphenyl-d14
 Concen: 88.57 ng
 RT: 12.55 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF089561.D
 Acq: 2 Aug 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 GW-57-13.8-18.5

Tot Ion:244 Resp: 307179
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.5 9.7
 122 17.2 11.4 17.0#

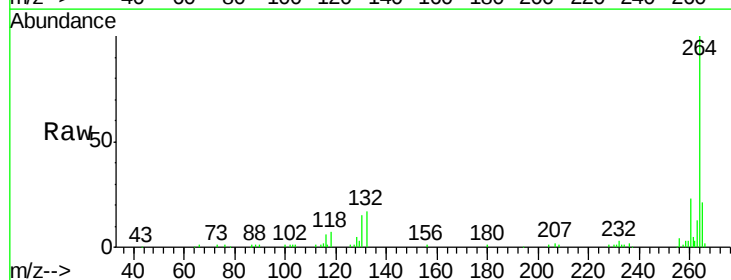


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF089561.D
 Acq: 2 Aug 2016 22:10

Tgt Ion:264 Resp: 76945
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.4
 265 21.4 17.5 26.3



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

