

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089626.D
 Acq On : 5 Aug 2016 12:34
 Operator : UM/SJ
 Sample : H4287-17
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-61-8.2-19.0

Quant Time: Aug 05 23:14:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	42058	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	185311	20.00	ng	0.00
38) Acenaphthene-d10	12.29	164	90699	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	178822	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	126191	20.00	ng	0.00
86) Perylene-d12	20.05	264	88976	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	159331	63.50	ng	0.02
7) Phenol-d6	6.97	99	148474	43.62	ng	-0.01
23) Nitrobenzene-d5	8.35	82	307745	91.86	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	95321	127.35	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	594195	85.14	ng	0.00
78) Terphenyl-d14	17.05	244	491302	76.86	ng	0.00

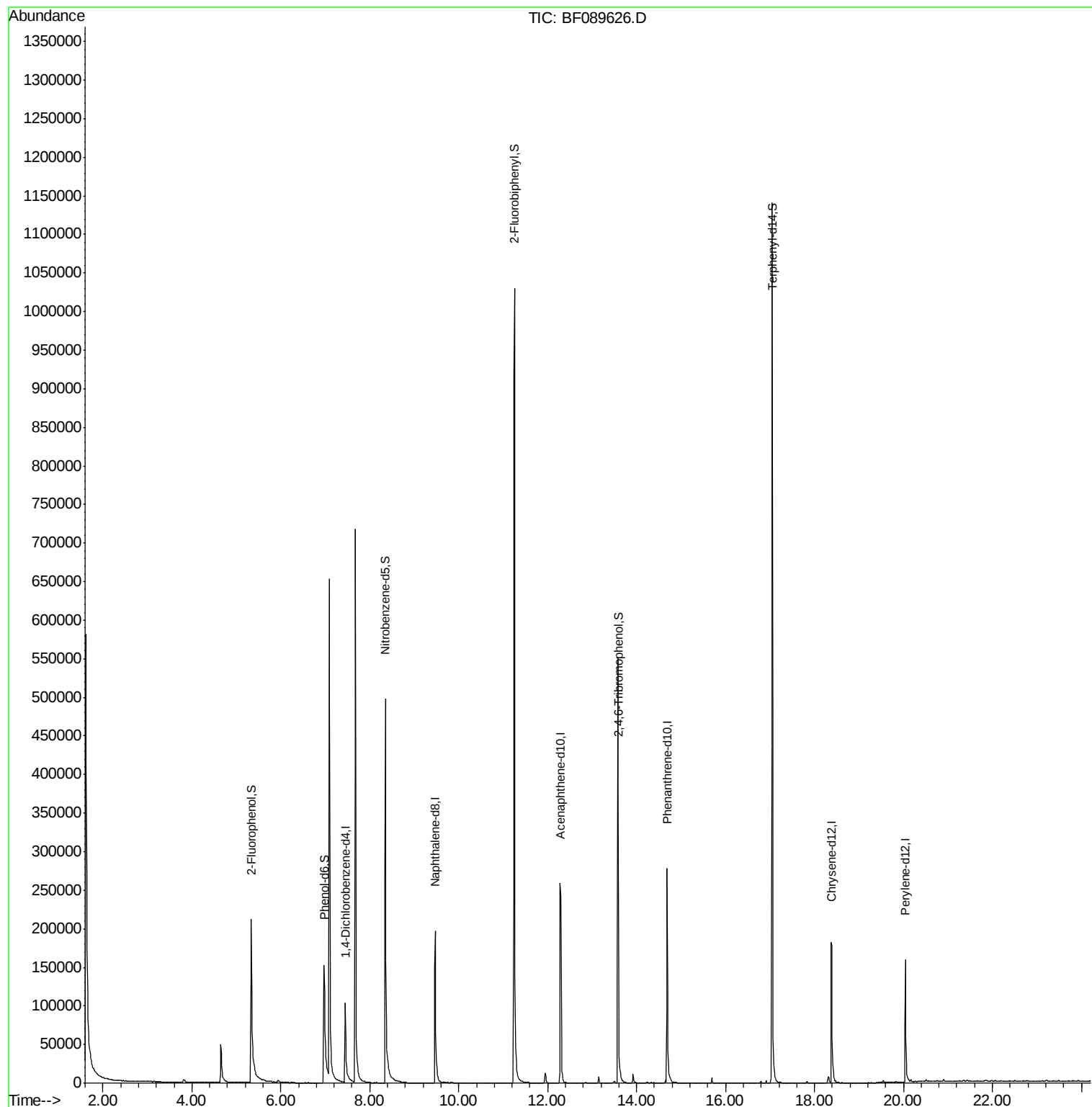
Target Compounds	Qvalue
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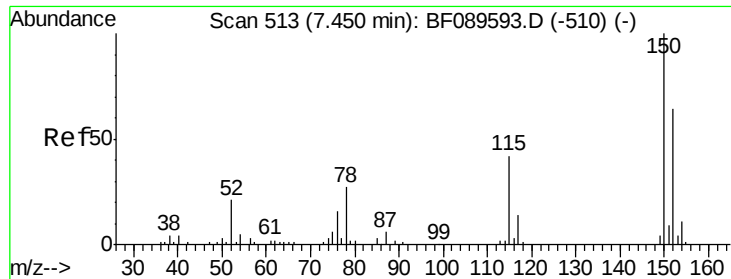
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF089626.D

Acq: 5 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

GW-61-8.2-19.0

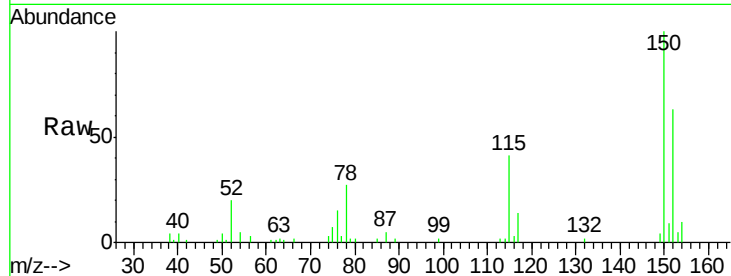
Tgt Ion:152 Resp: 42058

Ion Ratio Lower Upper

152 100

150 157.7 125.5 188.3

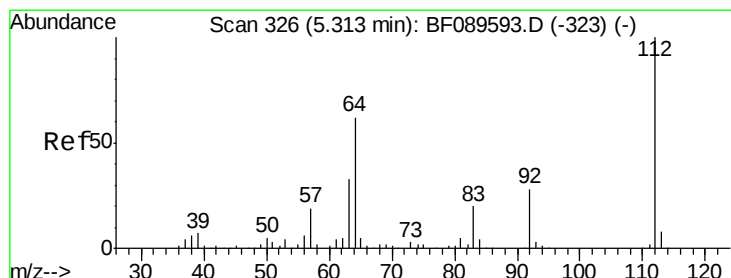
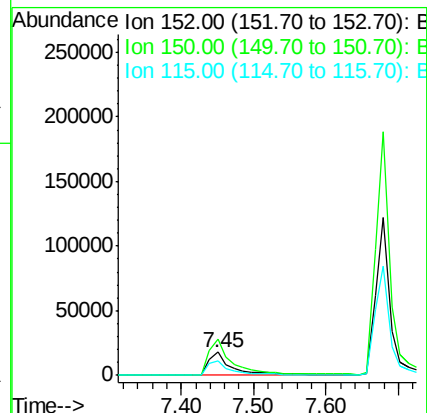
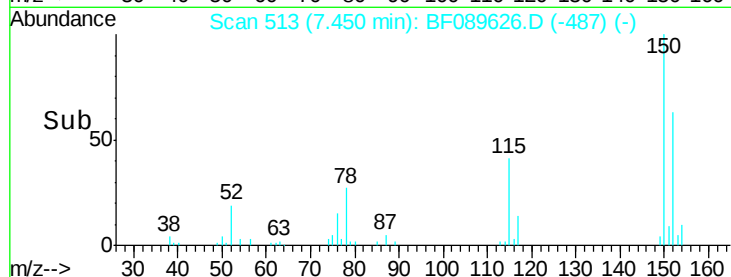
115 63.9 52.0 78.0



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: 63.50 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.02 min

Lab File: BF089626.D

Acq: 5 Aug 2016 12:34

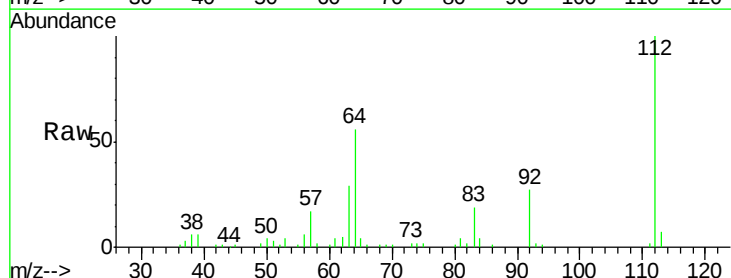
Tgt Ion:112 Resp: 159331

Ion Ratio Lower Upper

112 100

64 55.8 49.9 74.9

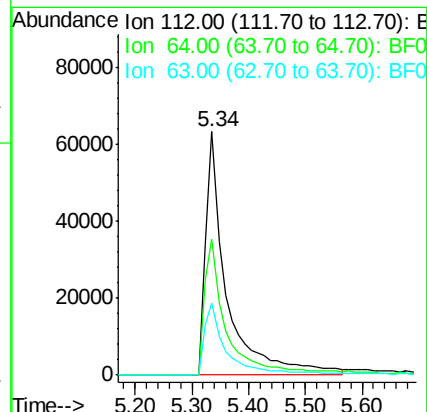
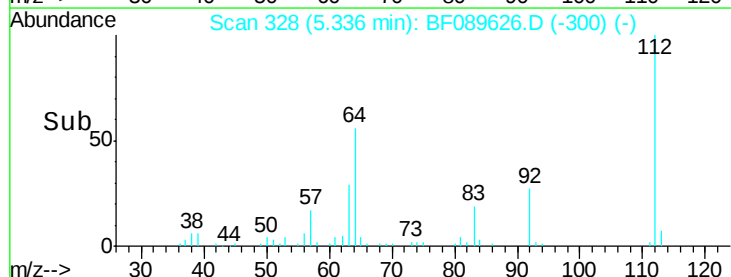
63 29.5 26.1 39.1



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: 43.62 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089626.D

Acq: 5 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

GW-61-8.2-19.0

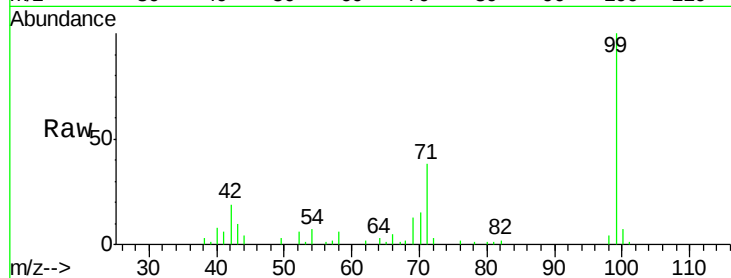
Tgt Ion: 99 Resp: 148474

Ion Ratio Lower Upper

99 100

42 18.8 13.7 20.5

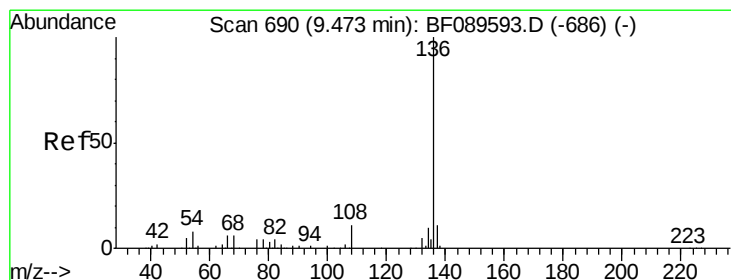
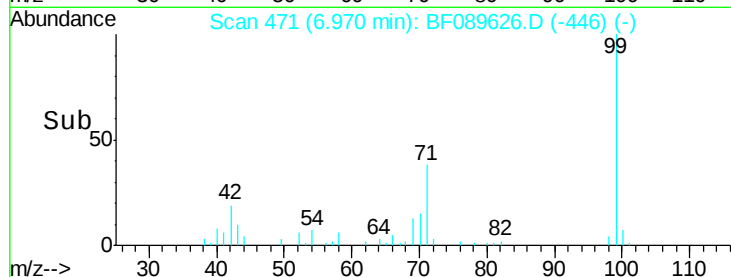
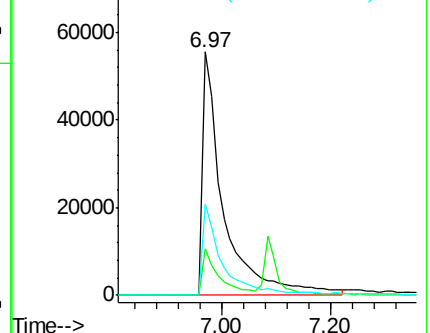
71 37.8 29.0 43.4



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: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089626.D

Acq: 5 Aug 2016 12:34

Tgt Ion: 136 Resp: 185311

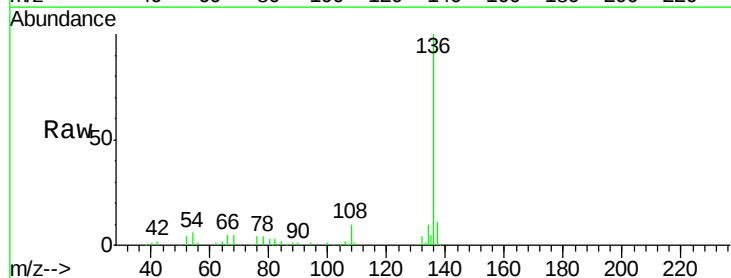
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 6.4 6.0 9.0

68 5.2 4.6 6.8

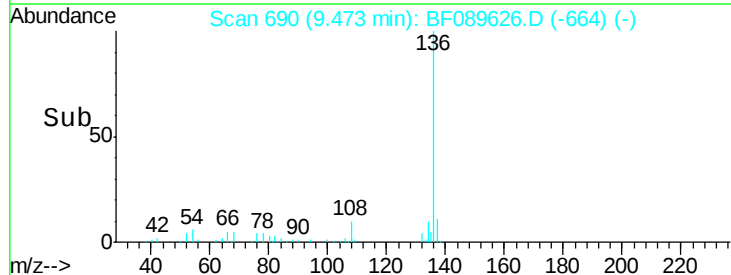
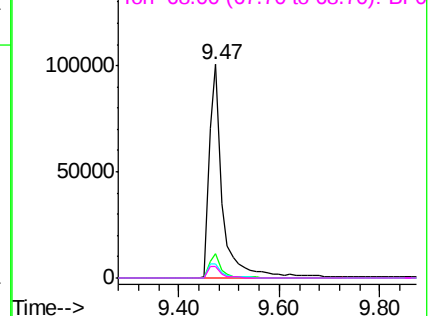


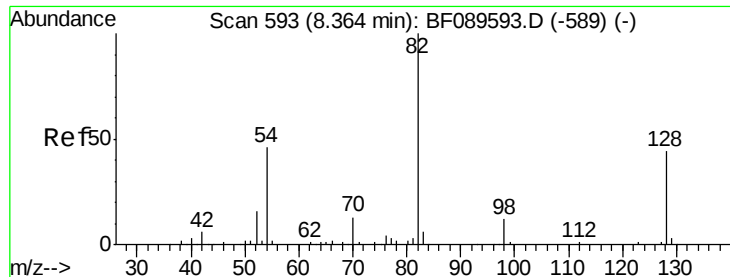
Abundance Ion 136.00 (135.70 to 136.70): E

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

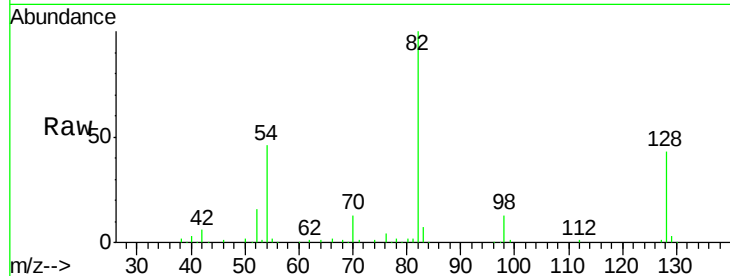




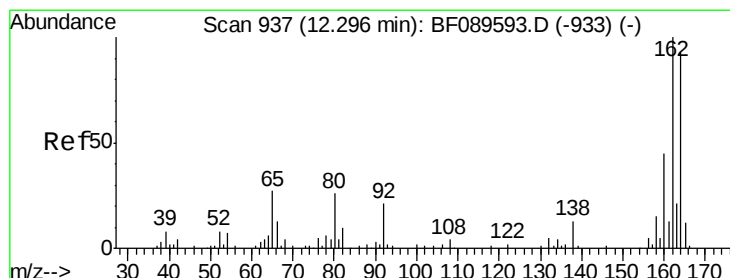
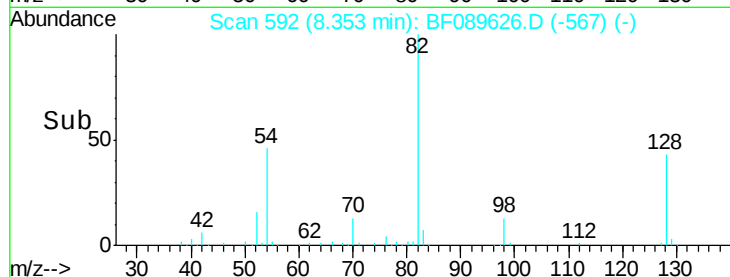
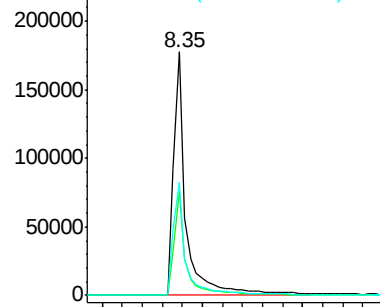
#23
 Nitrobenzene-d5
 Concen: 91.86 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF089626.D
 Acq: 5 Aug 2016 12:34

Instrument :
 BNA_F
 ClientSampleId :
 GW-61-8.2-19.0

Tgt Ion: 82 Resp: 307745
 Ion Ratio Lower Upper
 82 100
 128 42.9 35.4 53.0
 54 46.2 36.4 54.6

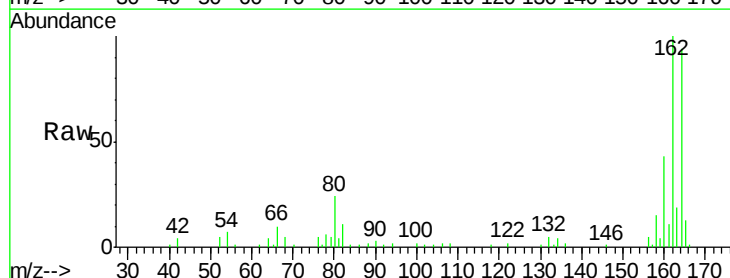


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

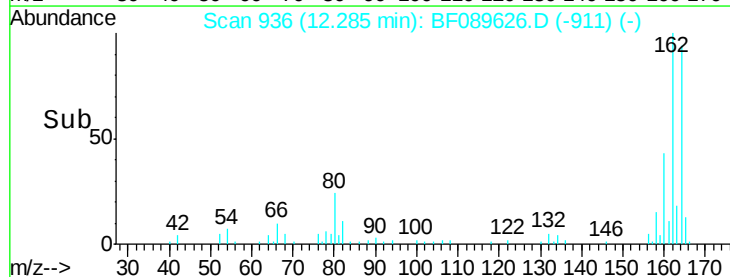
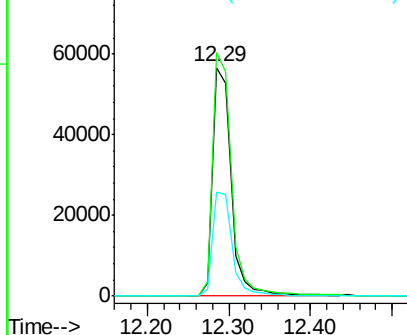


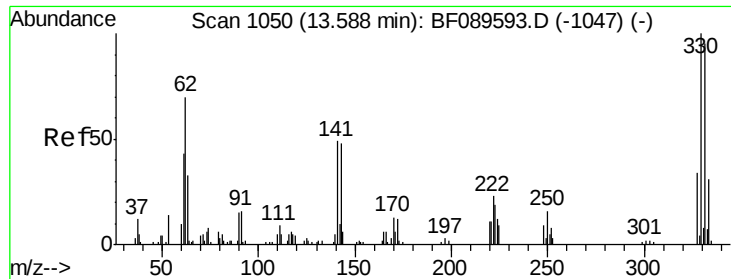
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.29 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF089626.D
 Acq: 5 Aug 2016 12:34

Tgt Ion: 164 Resp: 90699
 Ion Ratio Lower Upper
 164 100
 162 106.5 85.7 128.5
 160 45.4 38.2 57.4



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

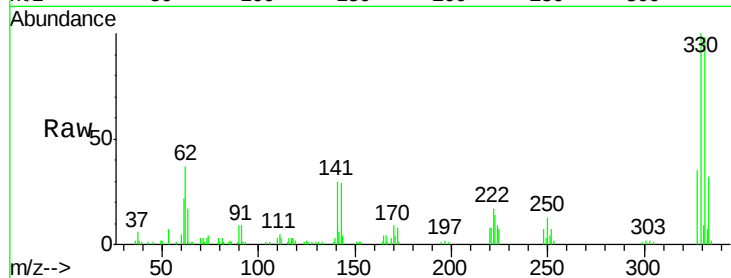




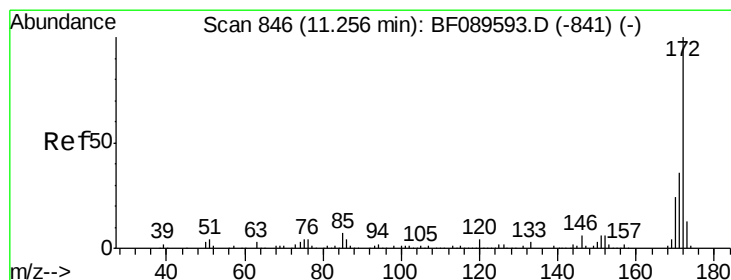
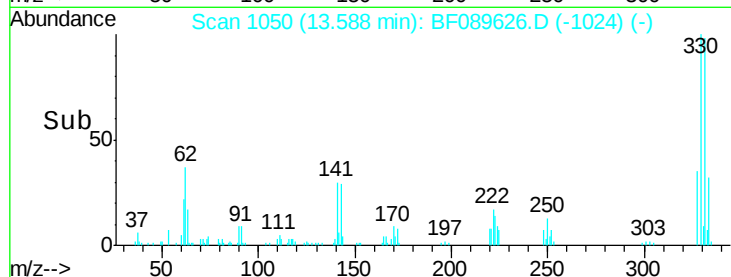
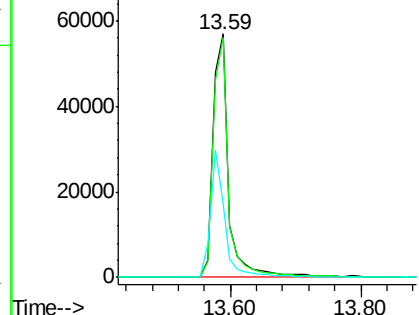
#41
 2,4,6-Tribromophenol
 Concen: 127.35 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089626.D
 Acq: 5 Aug 2016 12:34

Instrument :
 BNA_F
 ClientSampleId :
 GW-61-8.2-19.0

Tgt Ion: 330 Resp: 95321
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 47.6 38.6 57.8

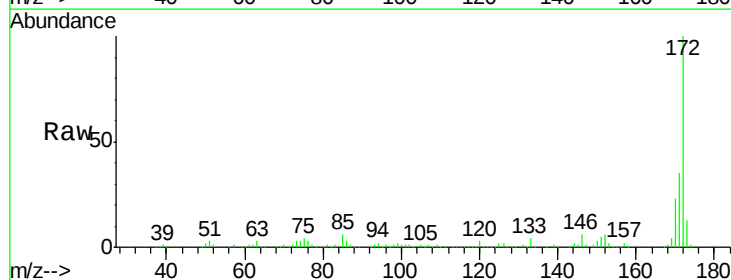


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

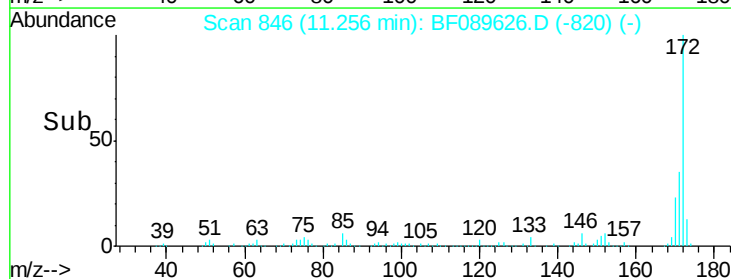
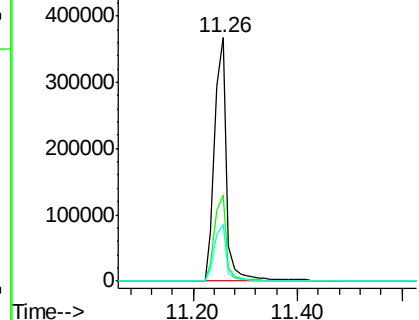


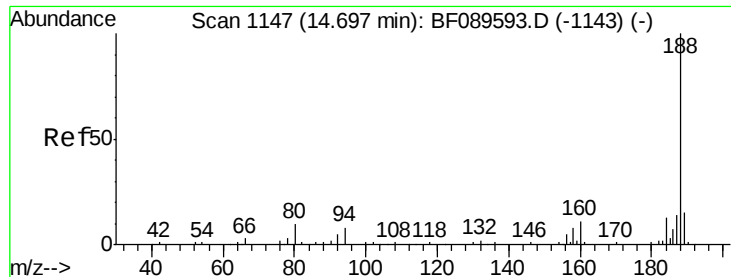
#44
 2-Fluorobiphenyl
 Concen: 85.14 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089626.D
 Acq: 5 Aug 2016 12:34

Tgt Ion: 172 Resp: 594195
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.9 43.3
 170 23.3 19.0 28.6



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

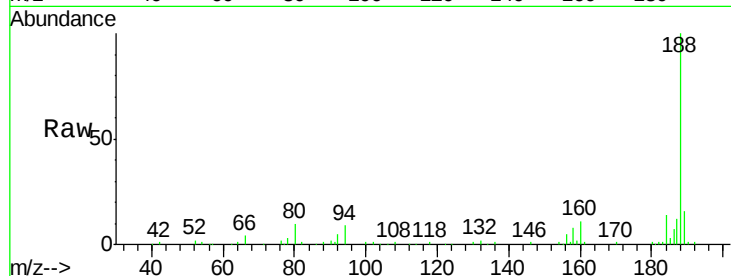




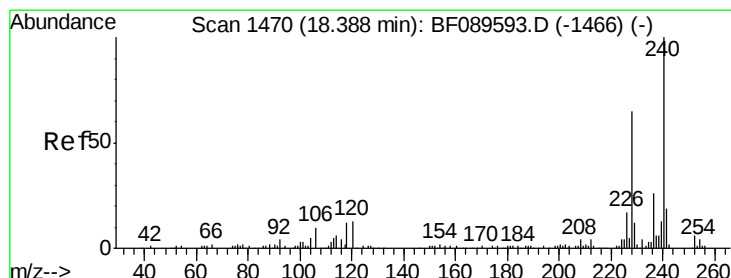
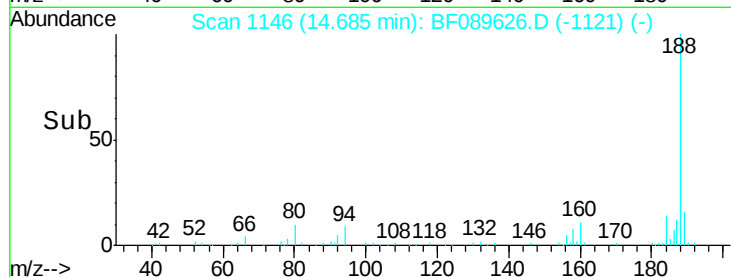
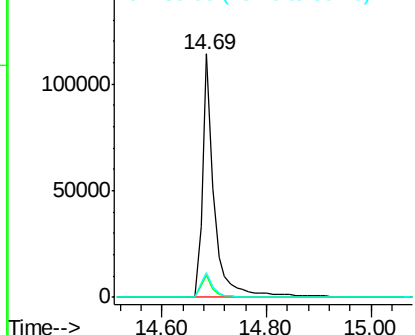
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089626.D
Acq: 5 Aug 2016 12:34

Instrument :
BNA_F
ClientSampleId :
GW-61-8.2-19.0

Tgt Ion:188 Resp: 178822
Ion Ratio Lower Upper
188 100
94 9.1 6.5 9.7
80 10.3 8.0 12.0

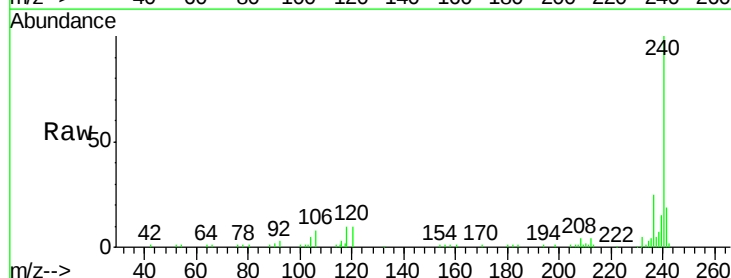


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

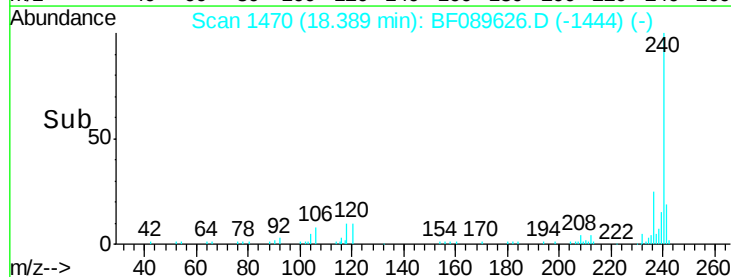
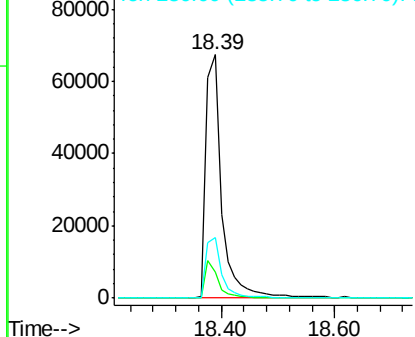


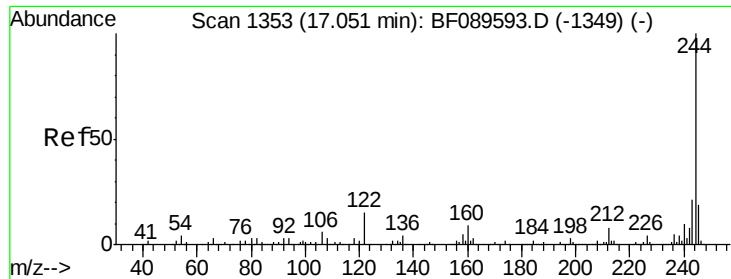
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089626.D
Acq: 5 Aug 2016 12:34

Tgt Ion:240 Resp: 126191
Ion Ratio Lower Upper
240 100
120 10.5 10.6 15.8#
236 25.0 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

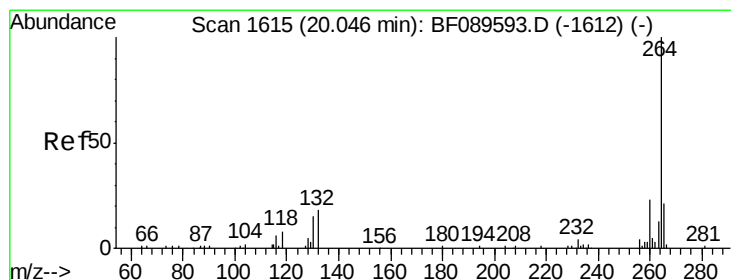
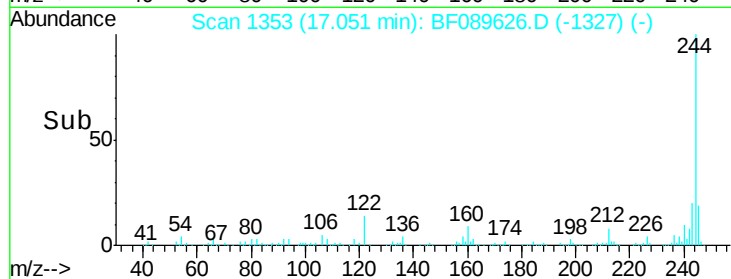
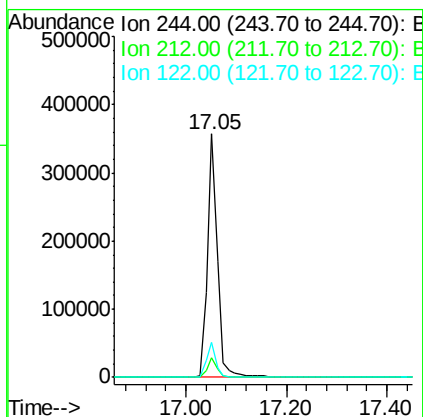
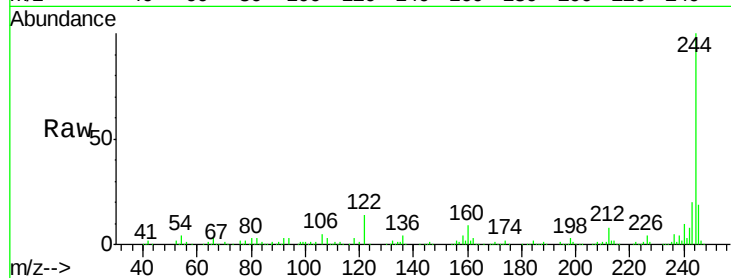




#78
 Terphenyl-d14
 Concen: 76.86 ng
 RT: 17.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF089626.D
 Acq: 5 Aug 2016 12:34

Instrument :
 BNA_F
 ClientSampleId :
 GW-61-8.2-19.0

Tgt Ion: 244 Resp: 491302
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 14.4 12.2 18.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.05 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BF089626.D
 Acq: 5 Aug 2016 12:34

Tgt Ion: 264 Resp: 88976
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.1 16.5 24.7

