

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070117\
 Data File : BG027779.D
 Acq On : 1 Jul 2017 11:53
 Operator : SJ/JU
 Sample : I3959-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-062717-B

Quant Time: Jul 01 18:07:59 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	32464	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	150579	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	98513	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	264655	20.00	ng	0.00
75) Chrysene-d12	22.18	240	262156	20.00	ng	0.00
86) Perylene-d12	25.79	264	248609	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	291699	138.37	ng	0.00
7) Phenol-d6	7.62	99	364534	113.19	ng	0.00
23) Nitrobenzene-d5	9.64	82	258254	95.60	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	250288	185.23	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	651573	94.46	ng	0.00
78) Terphenyl-d14	20.39	244	1271299	113.69	ng	0.00

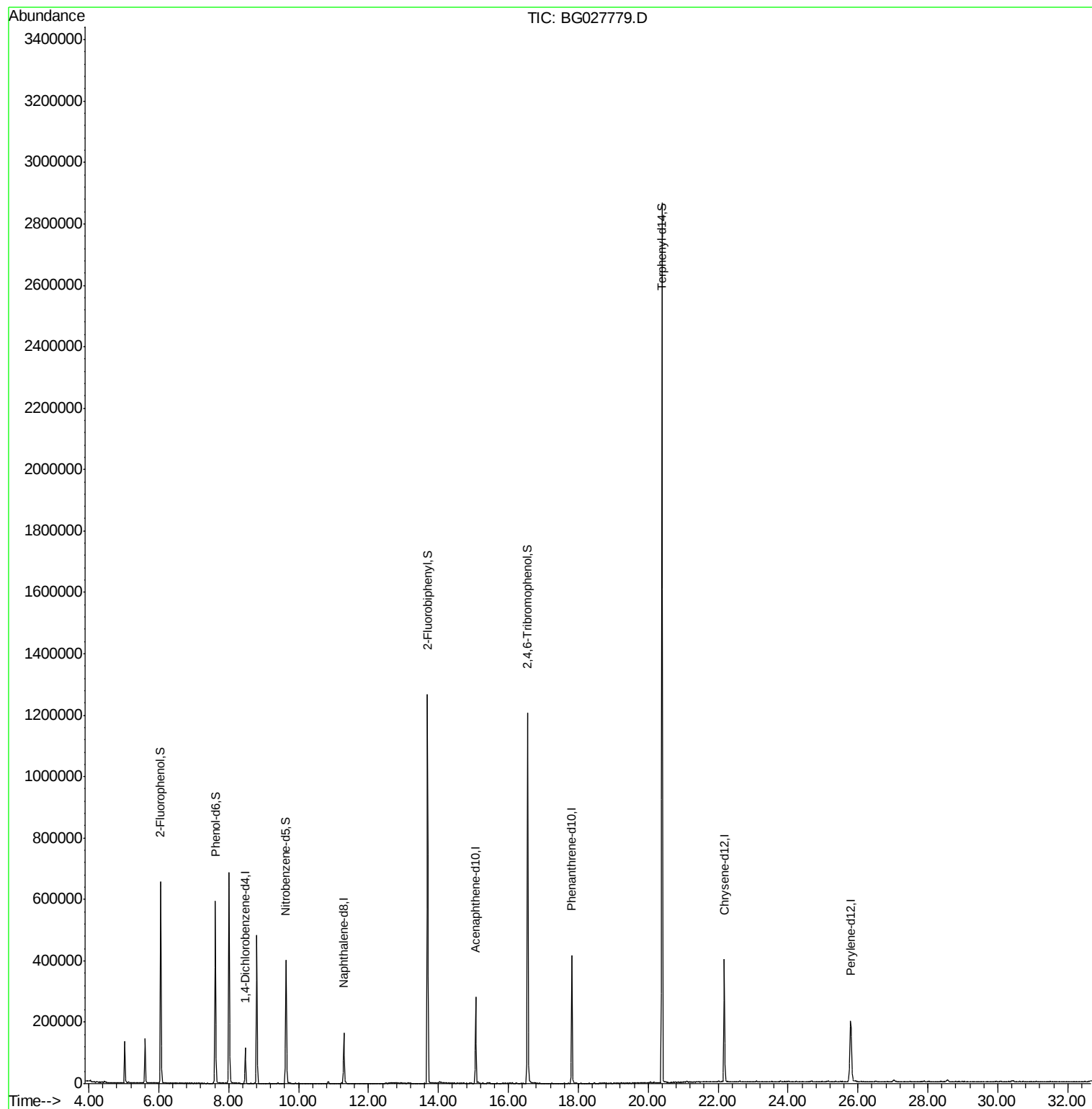
Target Compounds	Qvalue
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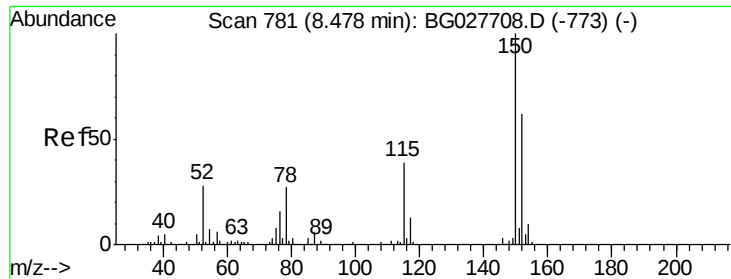
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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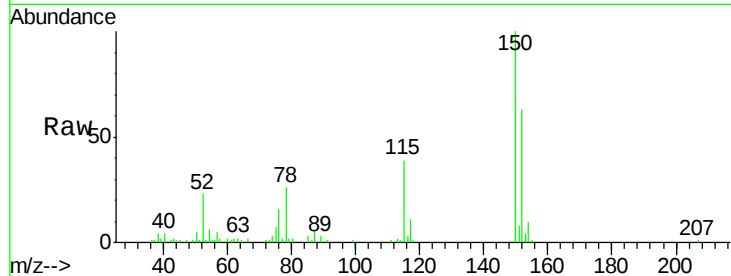


#1

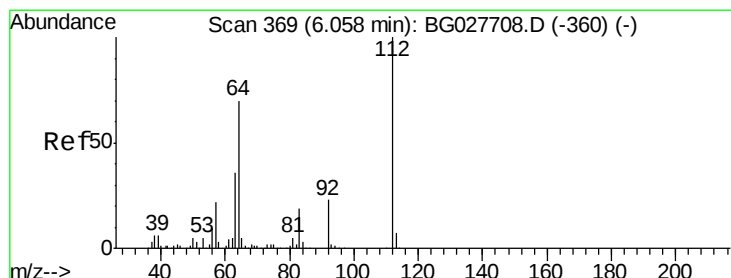
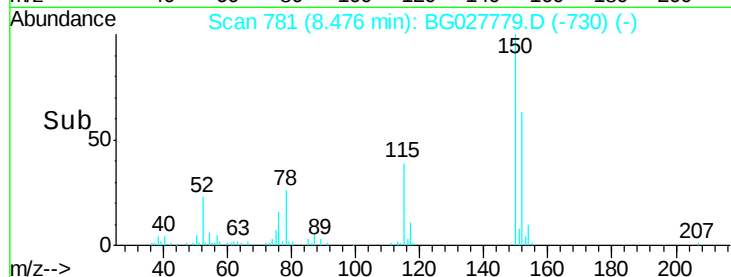
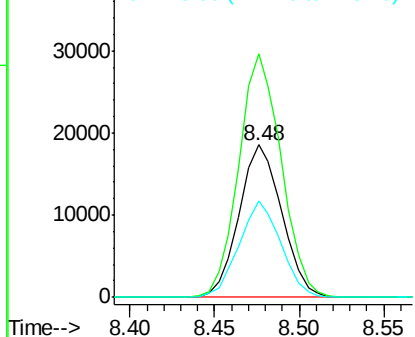
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027779.D
Acq: 1 Jul 2017 11:53

Instrument :
BNA_G
ClientSampleId :
BU-03-062717-B

Tgt Ion:152 Resp: 32464
Ion Ratio Lower Upper
152 100
150 159.5 114.0 171.0
115 62.9 48.1 72.1



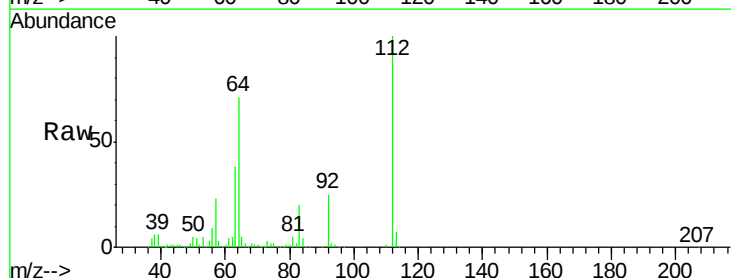
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



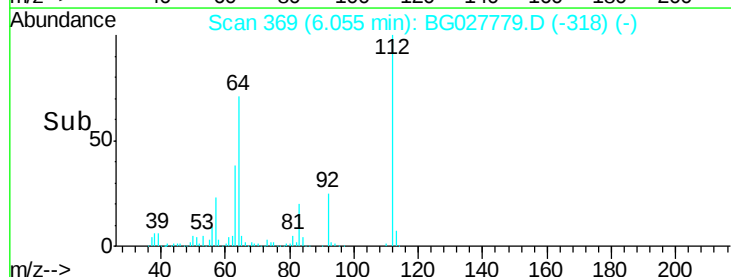
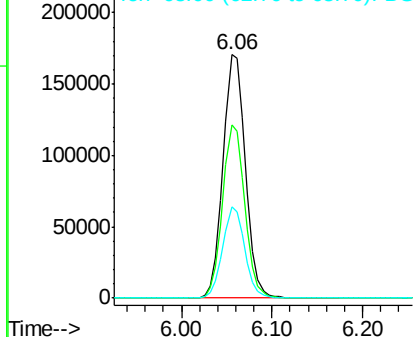
#5

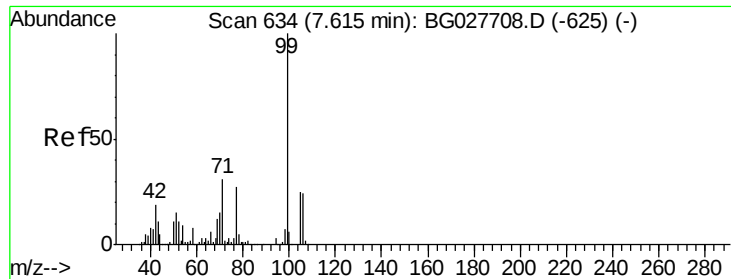
2-Fluorophenol
Concen: 138.365 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027779.D
Acq: 1 Jul 2017 11:53

Tgt Ion:112 Resp: 291699
Ion Ratio Lower Upper
112 100
64 71.2 61.8 92.6
63 37.6 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 113.187 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027779.D

Acq: 1 Jul 2017 11:53

Instrument :

BNA_G

ClientSampleId :

BU-03-062717-B

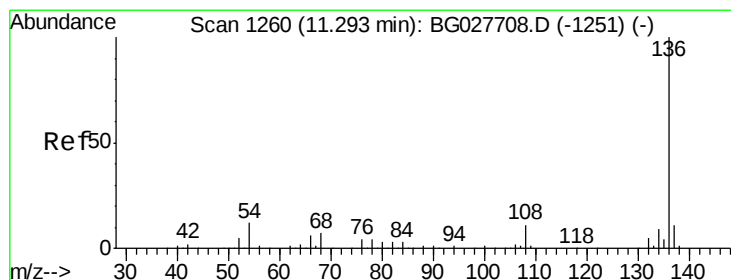
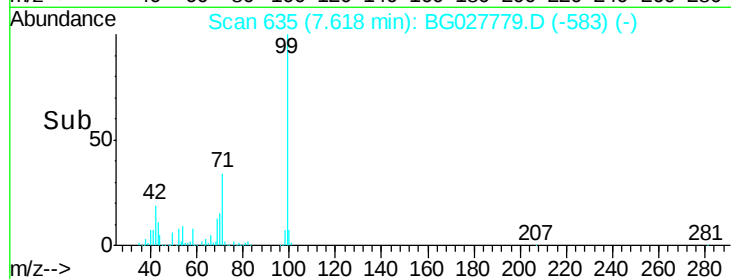
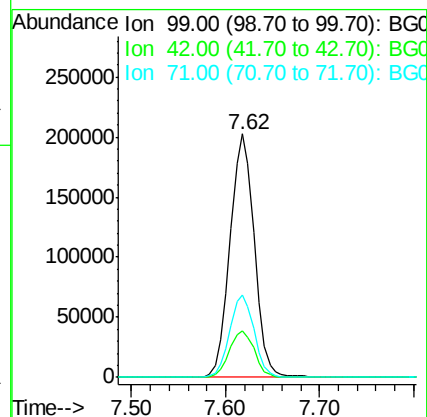
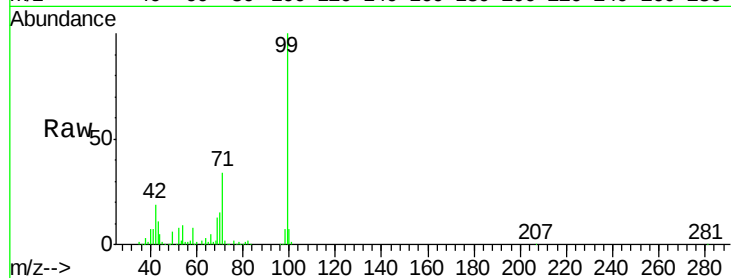
Tgt Ion: 99 Resp: 364534

Ion Ratio Lower Upper

99 100

42 19.1 20.5 30.7#

71 33.9 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.30 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG027779.D

Acq: 1 Jul 2017 11:53

Tgt Ion: 136 Resp: 150579

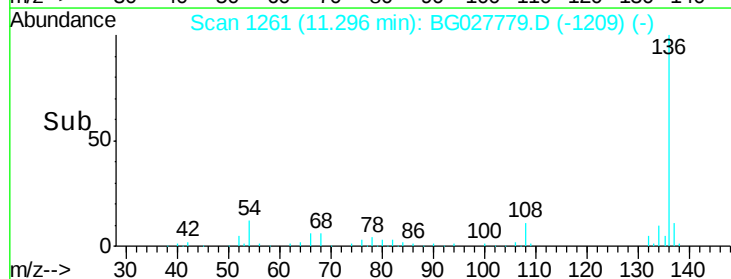
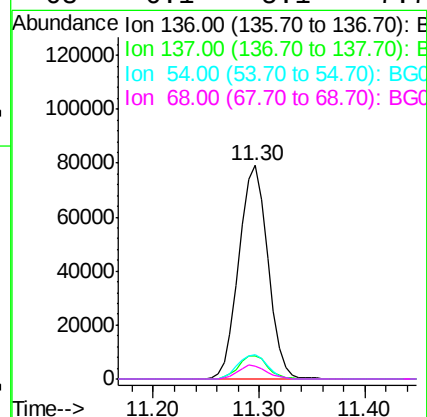
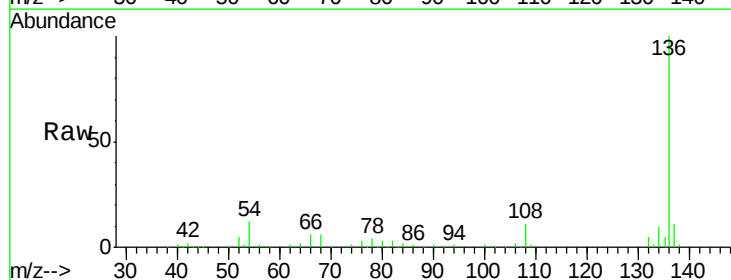
Ion Ratio Lower Upper

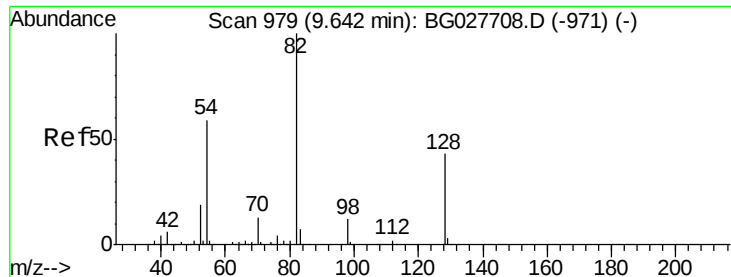
136 100

137 10.5 8.9 13.3

54 11.7 9.3 13.9

68 6.1 5.1 7.7

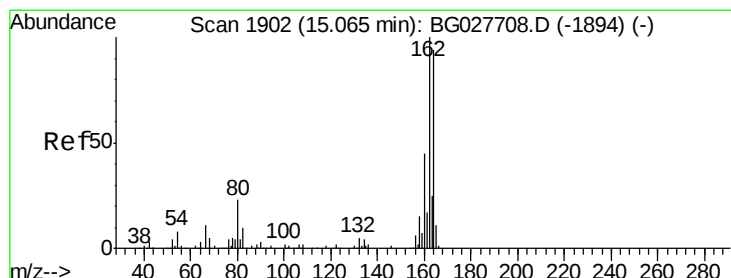
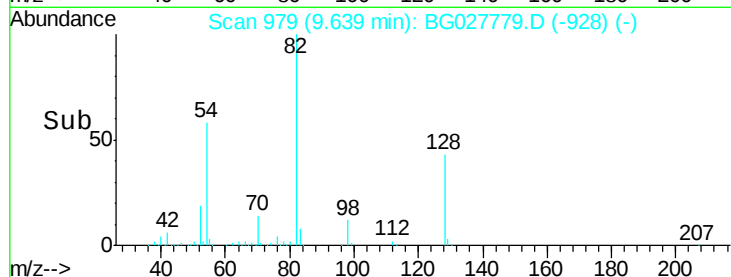
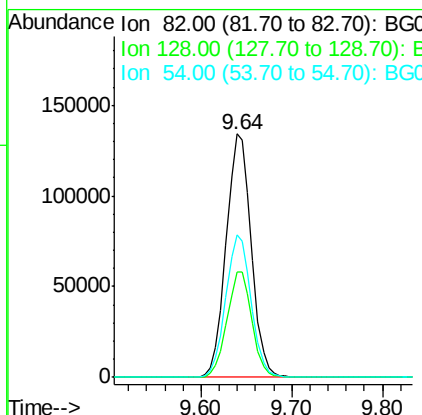
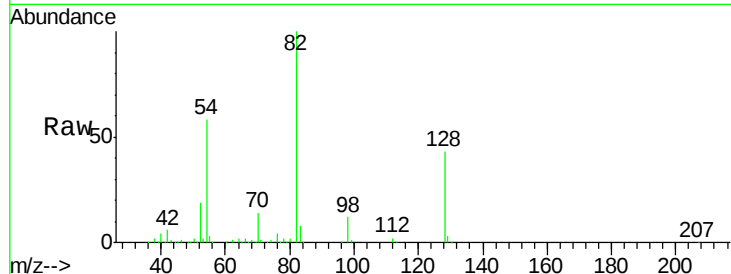




#23
 Nitrobenzene-d5
 Concen: 95.599 ng
 RT: 9.64 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BG027779.D
 Acq: 1 Jul 2017 11:53

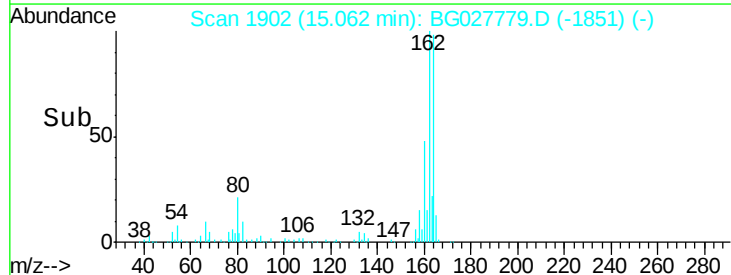
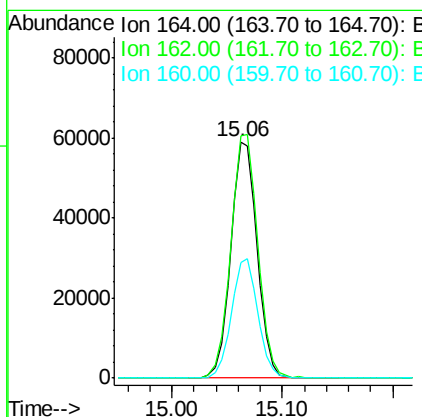
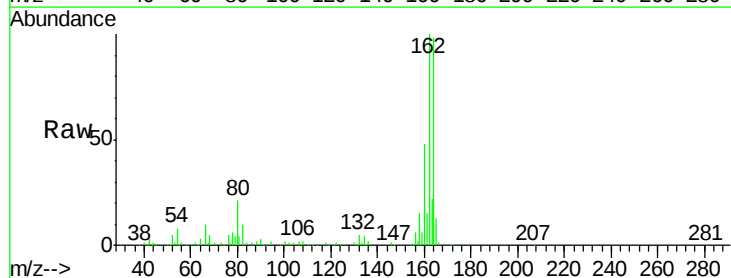
Instrument :
 BNA_G
 ClientSampleId :
 BU-03-062717-B

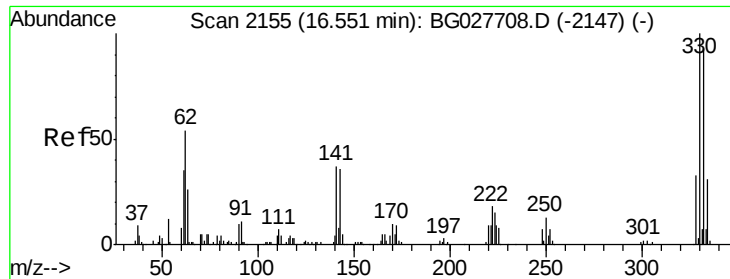
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	26.4	39.6#
54	58.4	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.06 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BG027779.D
 Acq: 1 Jul 2017 11:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	85.1	127.7
160	48.9	34.7	52.1

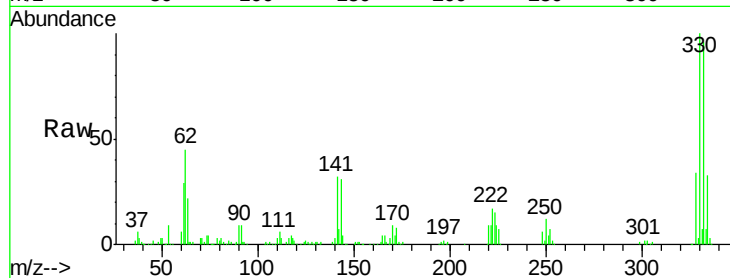




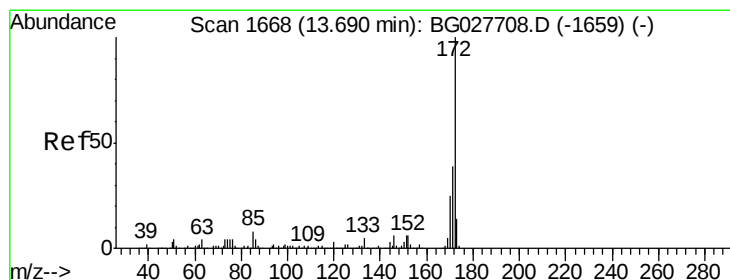
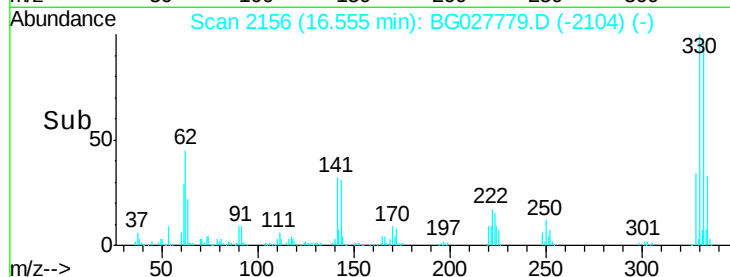
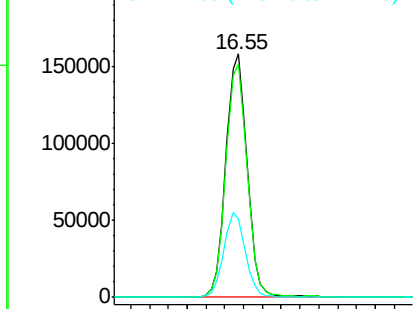
#41
 2,4,6-Tribromophenol
 Concen: 185.232 ng
 RT: 16.55 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BG027779.D
 Acq: 1 Jul 2017 11:53

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-062717-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	35.3	32.1	48.1

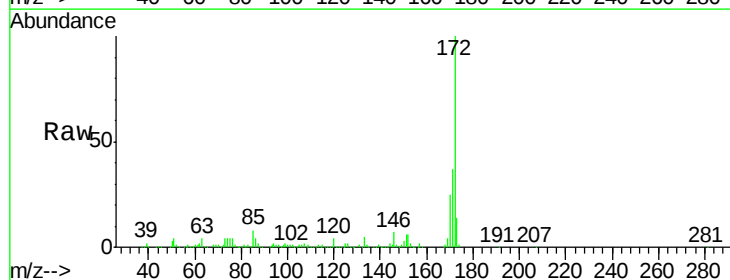


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

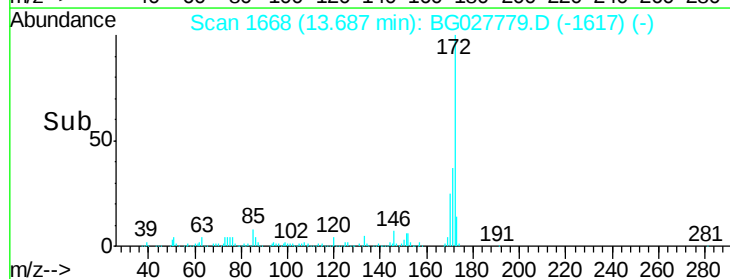
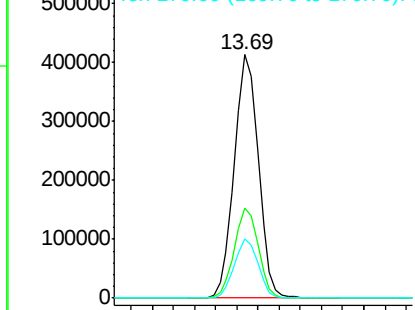


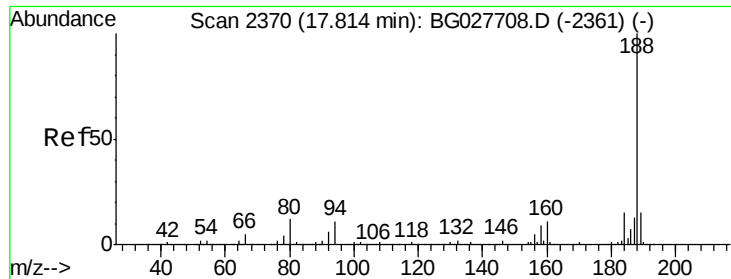
#44
 2-Fluorobiphenyl
 Concen: 94.460 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027779.D
 Acq: 1 Jul 2017 11:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	32.2	48.2
170	24.5	21.8	32.6



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: 20.000 ng

RT: 17.81 min Scan# 2370

Delta R.T. -0.00 min

Lab File: BG027779.D

Acq: 1 Jul 2017 11:53

Instrument :

BNA_G

ClientSampleId :

BU-03-062717-B

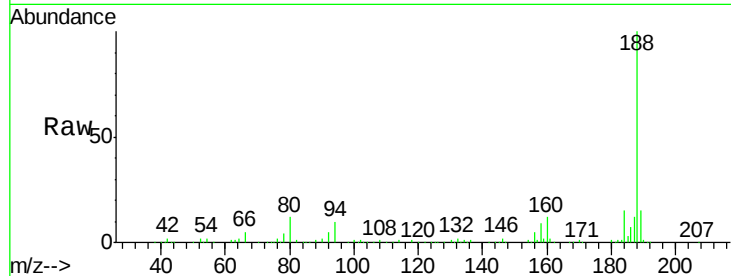
Tgt Ion:188 Resp: 264655

Ion Ratio Lower Upper

188 100

94 10.3 5.8 8.8#

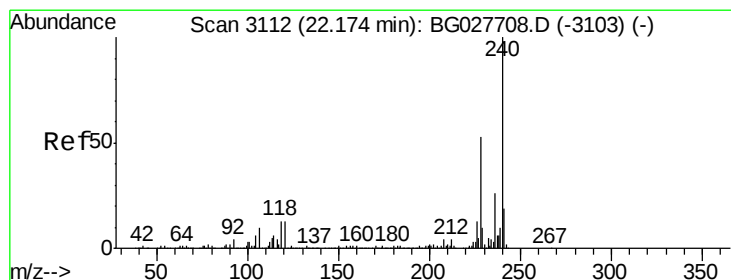
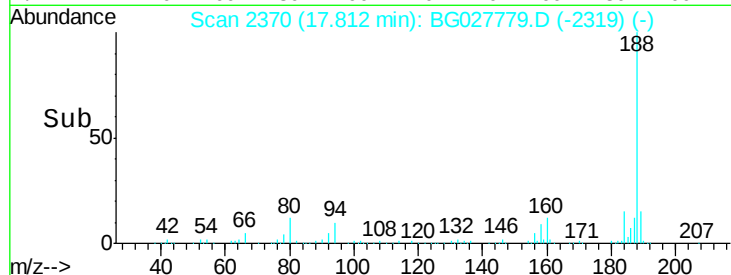
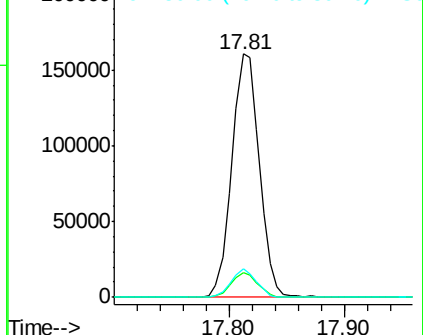
80 11.5 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.18 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BG027779.D

Acq: 1 Jul 2017 11:53

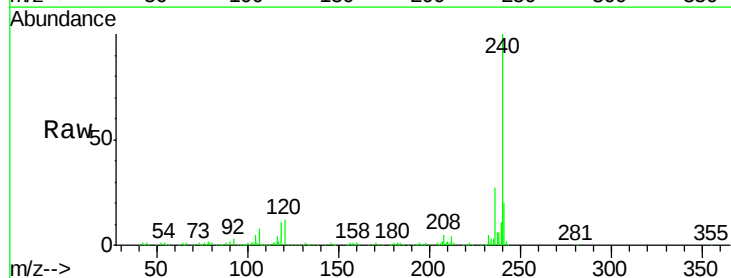
Tgt Ion:240 Resp: 262156

Ion Ratio Lower Upper

240 100

120 11.8 5.7 8.5#

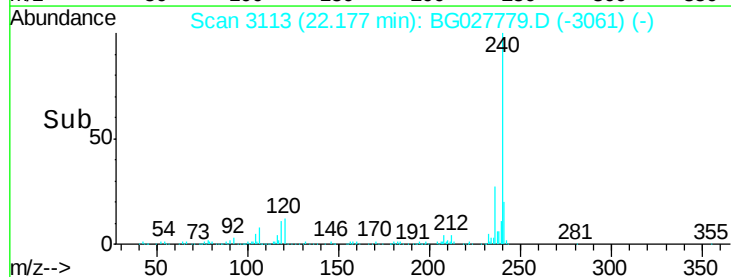
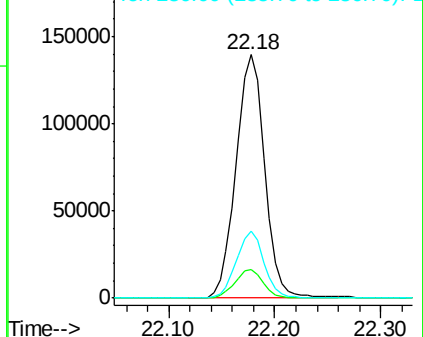
236 27.4 22.2 33.4



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

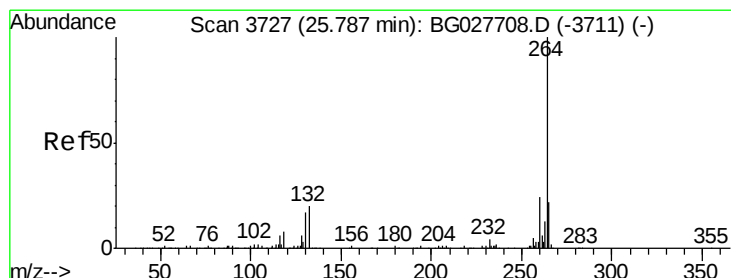
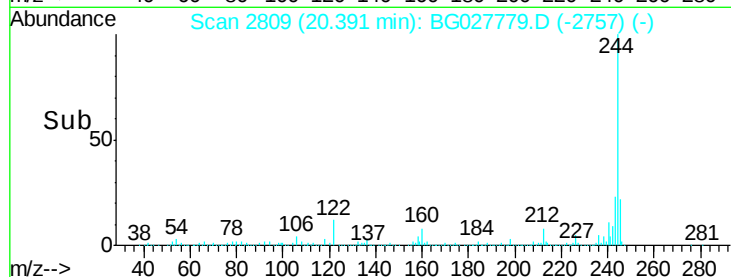
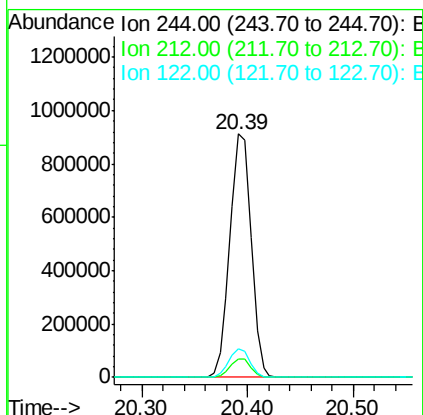
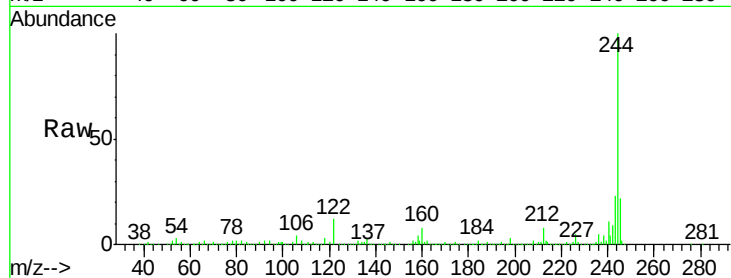




#78
 Terphenyl-d14
 Concen: 113.688 ng
 RT: 20.39 min Scan# 2809
 Delta R.T. 0.00 min
 Lab File: BG027779.D
 Acq: 1 Jul 2017 11:53

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-062717-B

Tgt Ion:244 Resp: 1271299
 Ion Ratio Lower Upper
 244 100
 212 7.7 10.0 15.0#
 122 11.9 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.79 min Scan# 3728
 Delta R.T. 0.00 min
 Lab File: BG027779.D
 Acq: 1 Jul 2017 11:53

Tgt Ion:264 Resp: 248609
 Ion Ratio Lower Upper
 264 100
 260 23.4 21.8 32.8
 265 21.6 18.2 27.4

