

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070117\
 Data File : BG027789.D
 Acq On : 1 Jul 2017 18:32
 Operator : SJ/JU
 Sample : I3982-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 348-343-COMP

Quant Time: Jul 01 19:16:52 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	29471	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	140270	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	94370	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	239457	20.00	ng	0.00
75) Chrysene-d12	22.18	240	240086	20.00	ng	0.00
86) Perylene-d12	25.80	264	238444	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	229143	119.73	ng	0.00
7) Phenol-d6	7.62	99	285501	97.65	ng	0.00
23) Nitrobenzene-d5	9.65	82	214050	85.06	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	216089	166.94	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	605511	91.64	ng	0.00
78) Terphenyl-d14	20.39	244	1088605	106.30	ng	0.00

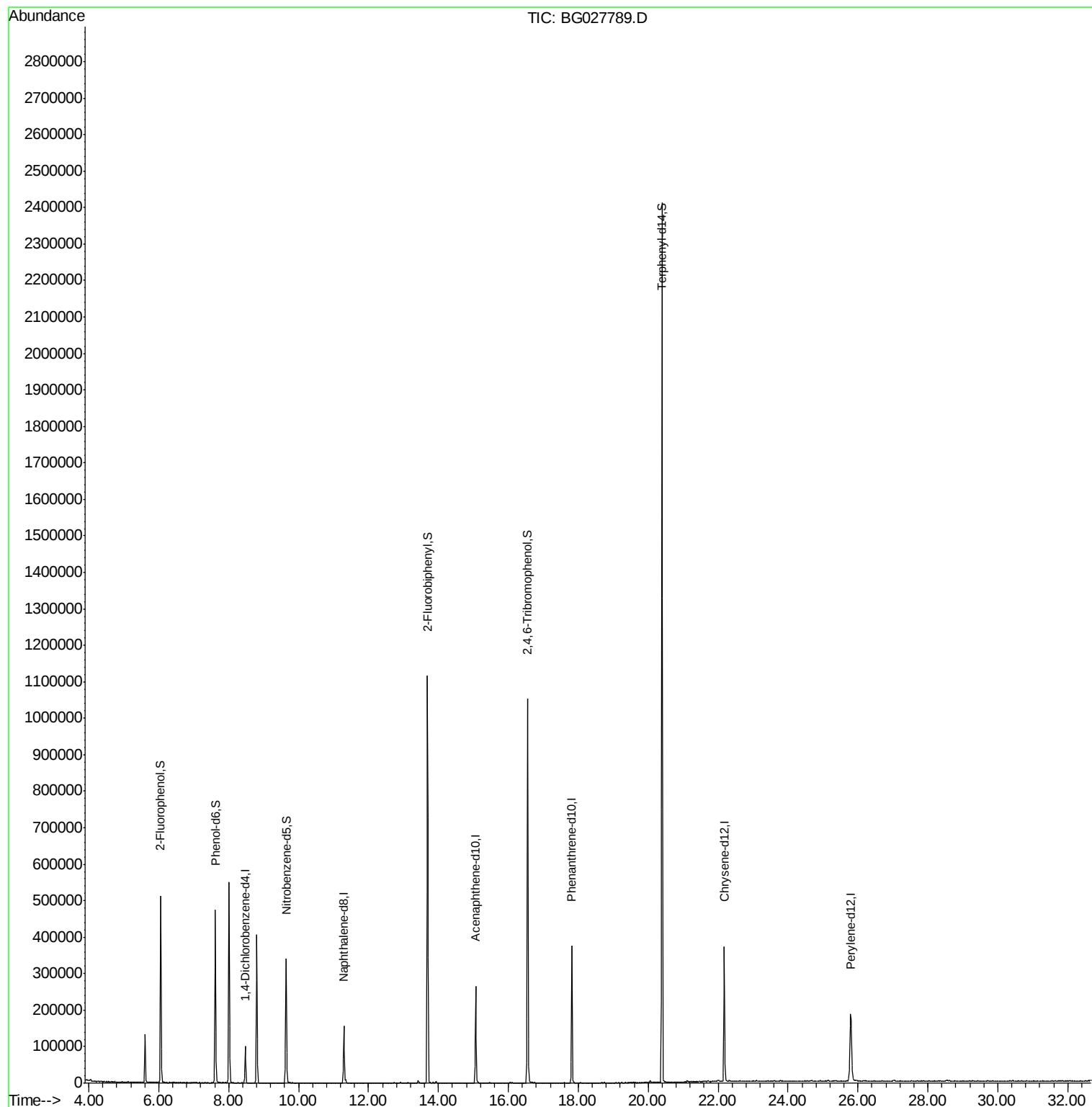
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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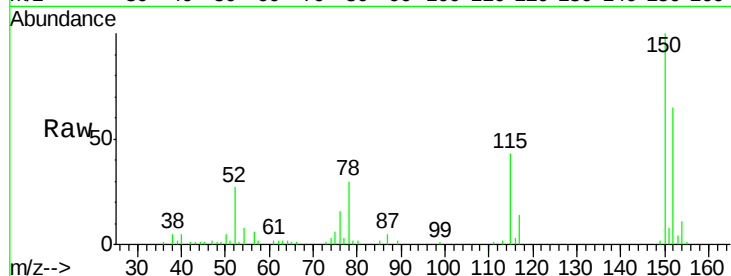


#1

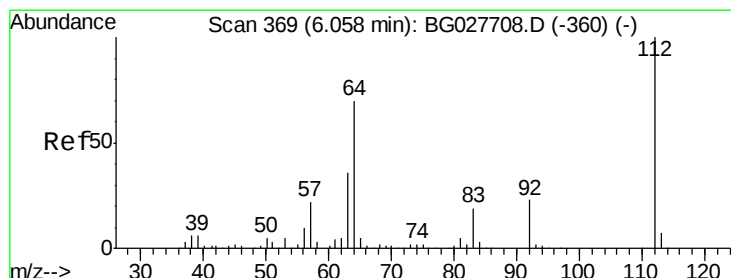
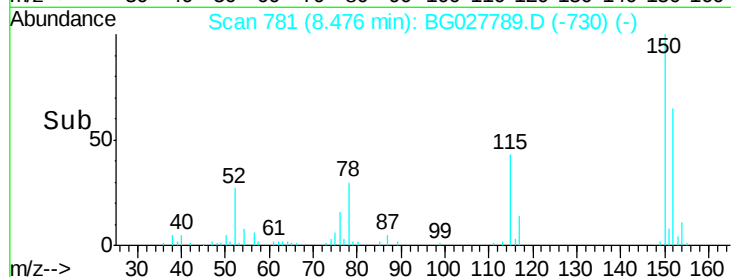
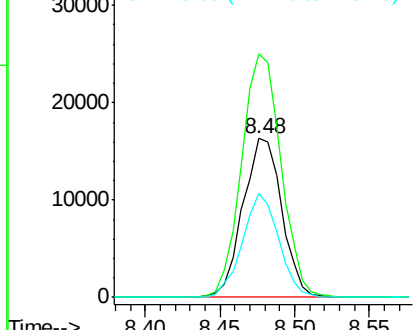
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027789.D
Acq: 1 Jul 2017 18:32

Instrument :
BNA_G
ClientSampleId :
348-343-COMP

Tgt Ion:152 Resp: 29471
Ion Ratio Lower Upper
152 100
150 153.2 114.0 171.0
115 65.4 48.1 72.1



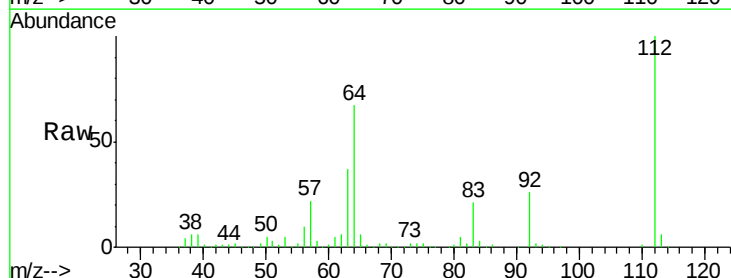
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



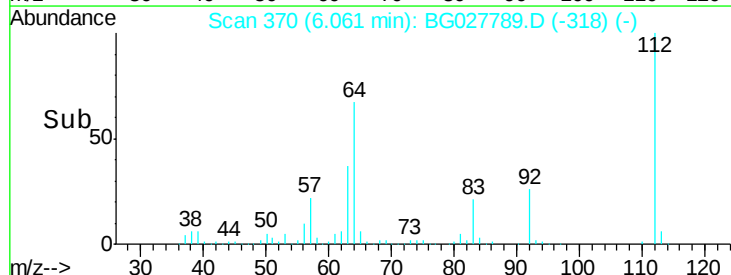
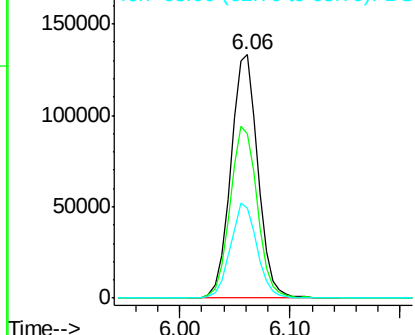
#5

2-Fluorophenol
Concen: 119.731 ng
RT: 6.06 min Scan# 370
Delta R.T. 0.00 min
Lab File: BG027789.D
Acq: 1 Jul 2017 18:32

Tgt Ion:112 Resp: 229143
Ion Ratio Lower Upper
112 100
64 67.3 61.8 92.6
63 36.8 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: 97.650 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027789.D

Acq: 1 Jul 2017 18:32

Instrument :

BNA_G

ClientSampleId :

348-343-COMP

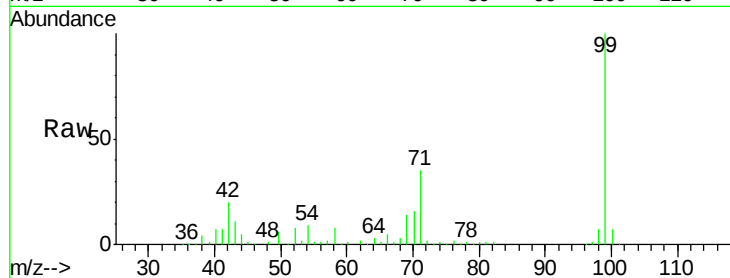
Tgt Ion: 99 Resp: 285501

Ion Ratio Lower Upper

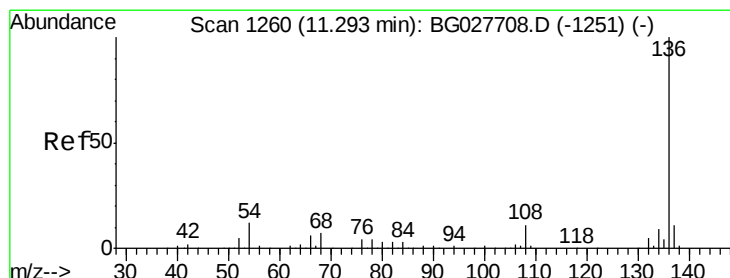
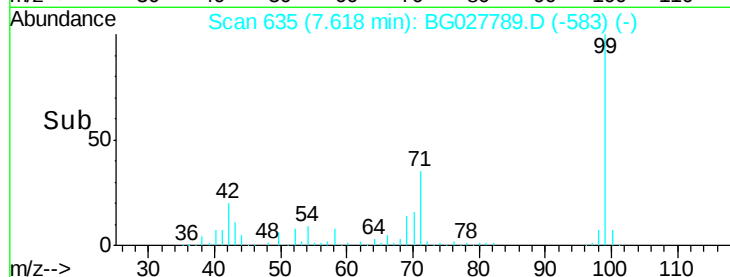
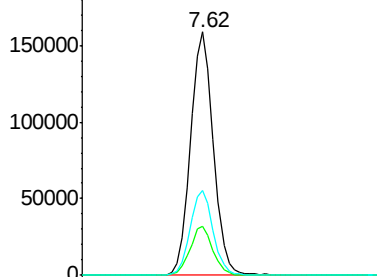
99 100

42 20.3 20.5 30.7#

71 34.7 37.6 56.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.30 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG027789.D

Acq: 1 Jul 2017 18:32

Tgt Ion: 136 Resp: 140270

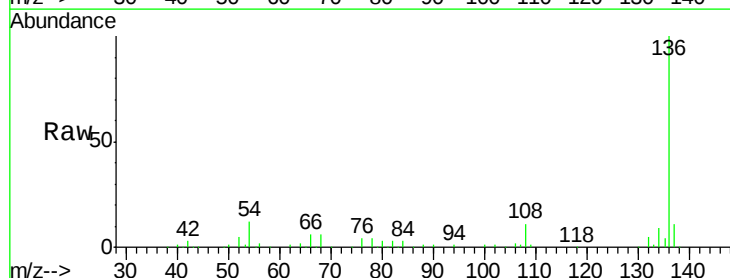
Ion Ratio Lower Upper

136 100

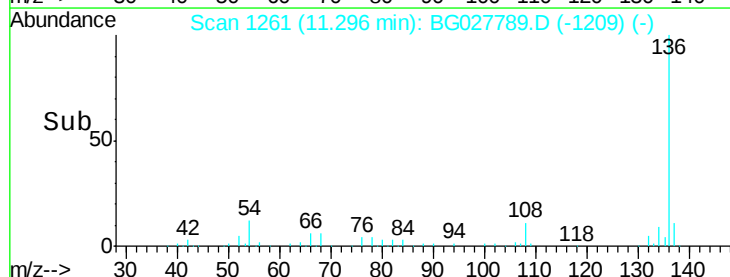
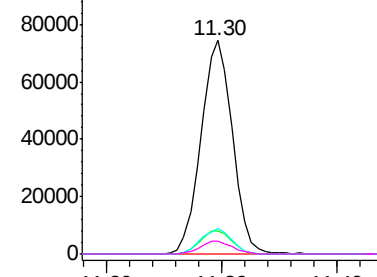
137 10.9 8.9 13.3

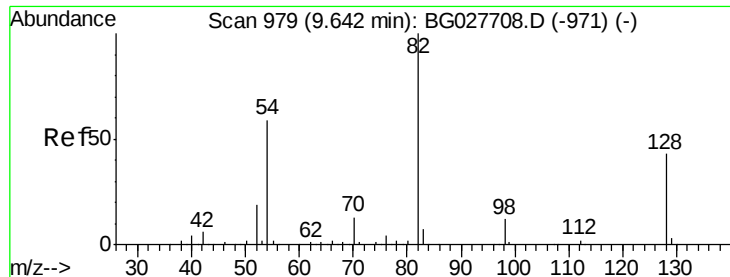
54 11.8 9.3 13.9

68 6.1 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

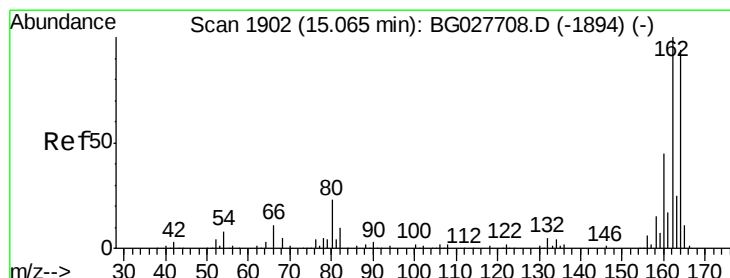
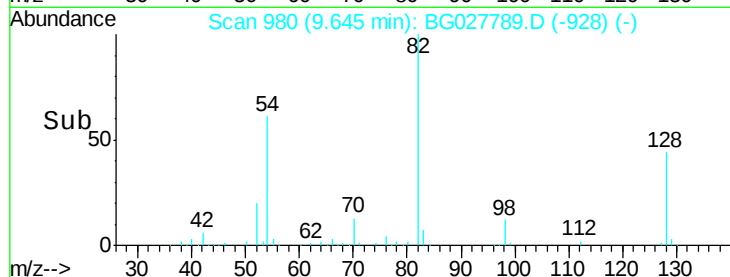
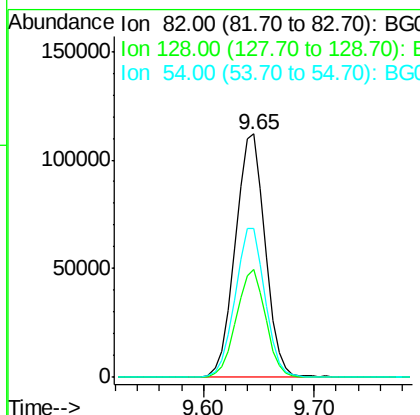
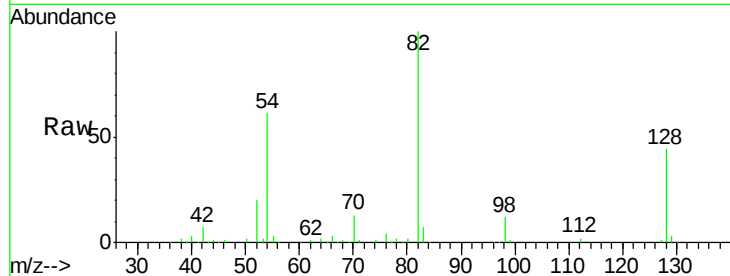




#23
 Nitrobenzene-d5
 Concen: 85.060 ng
 RT: 9.65 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BG027789.D
 Acq: 1 Jul 2017 18:32

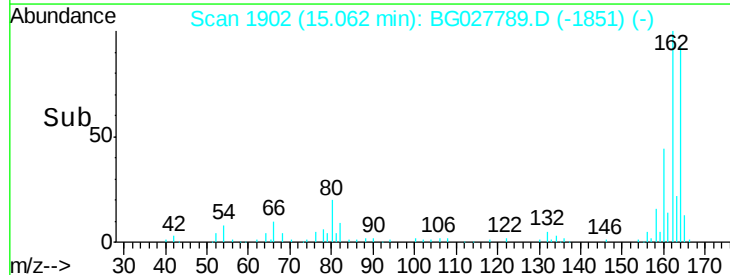
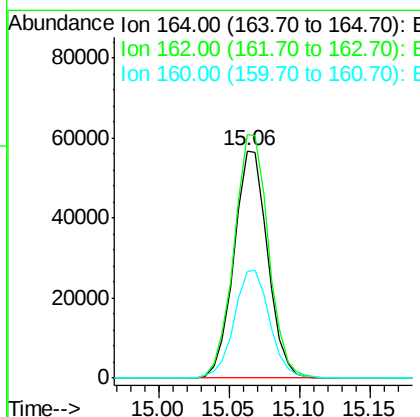
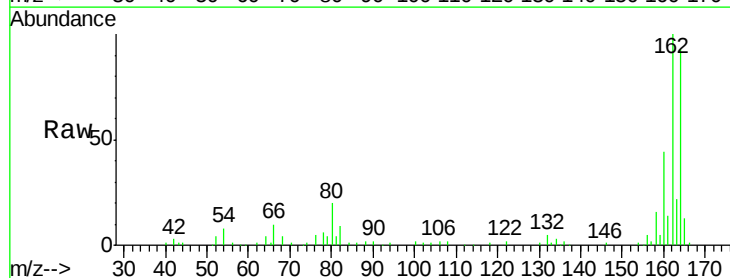
Instrument :
 BNA_G
 ClientSampleId :
 348-343-COMP

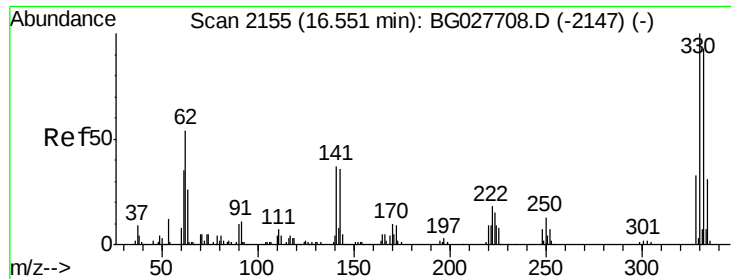
Tgt Ion: 82 Resp: 214050
 Ion Ratio Lower Upper
 82 100
 128 44.2 26.4 39.6#
 54 61.0 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.06 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BG027789.D
 Acq: 1 Jul 2017 18:32

Tgt Ion: 164 Resp: 94370
 Ion Ratio Lower Upper
 164 100
 162 107.2 85.1 127.7
 160 47.1 34.7 52.1

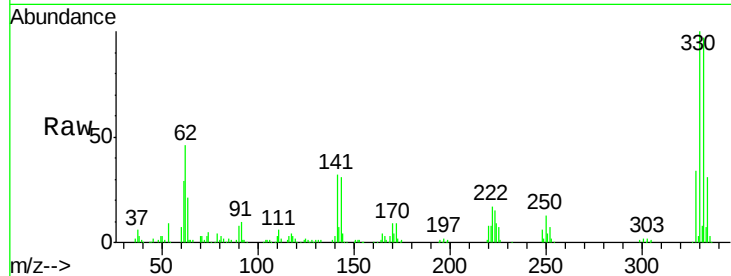




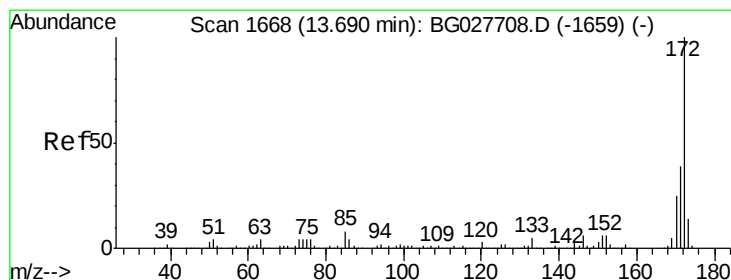
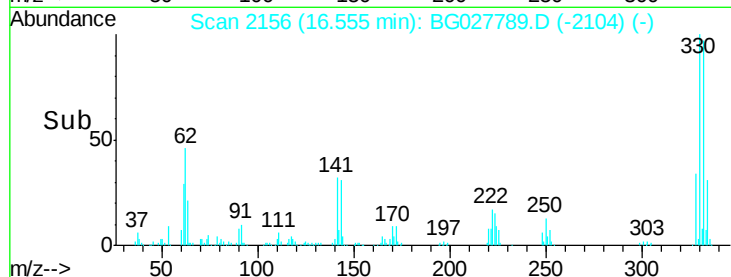
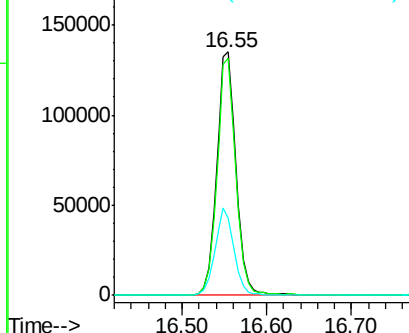
#41
 2,4,6-Tribromophenol
 Concen: 166.943 ng
 RT: 16.55 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BG027789.D
 Acq: 1 Jul 2017 18:32

Instrument :
 BNA_G
 ClientSampleId :
 348-343-COMP

Tgt Ion:330 Resp: 216089
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.3 115.9
 141 35.2 32.1 48.1

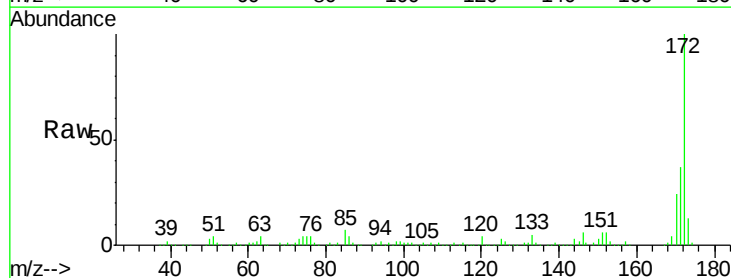


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

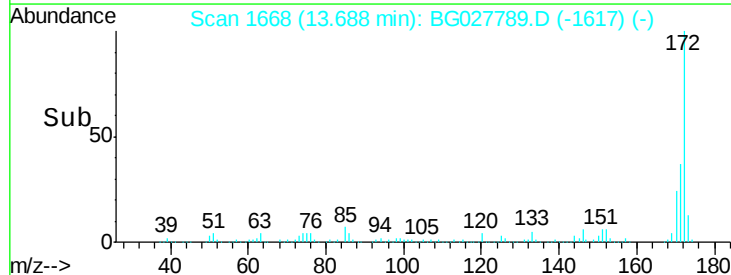
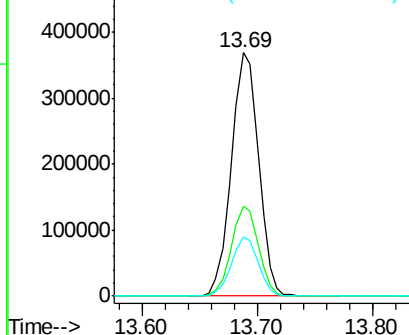


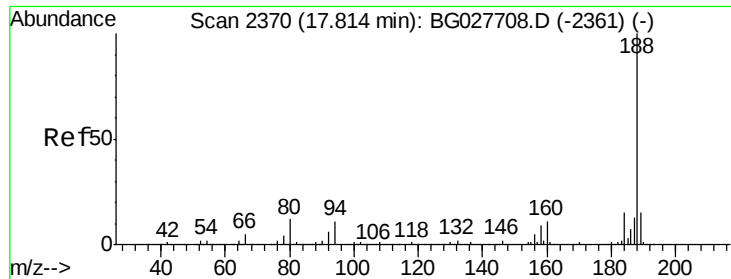
#44
 2-Fluorobiphenyl
 Concen: 91.636 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027789.D
 Acq: 1 Jul 2017 18:32

Tgt Ion:172 Resp: 605511
 Ion Ratio Lower Upper
 172 100
 171 37.2 32.2 48.2
 170 24.3 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

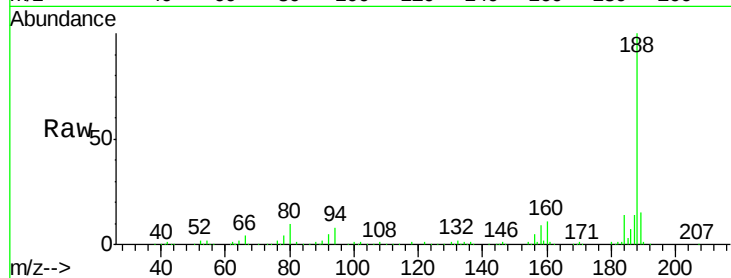




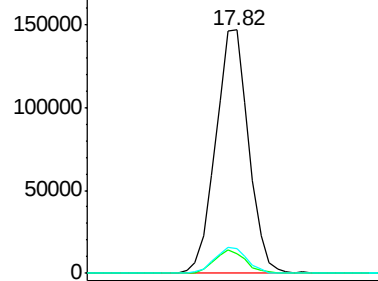
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.82 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BG027789.D
Acq: 1 Jul 2017 18:32

Instrument :
BNA_G
ClientSampleId :
348-343-COMP

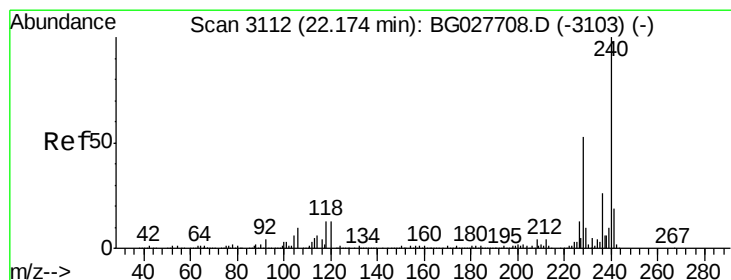
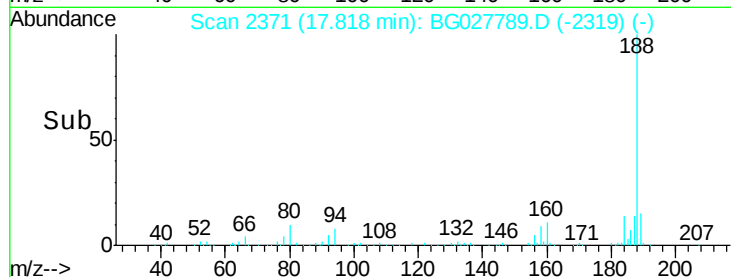
Tgt Ion:188 Resp: 239457
Ion Ratio Lower Upper
188 100
94 8.3 5.8 8.8
80 9.9 7.5 11.3



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

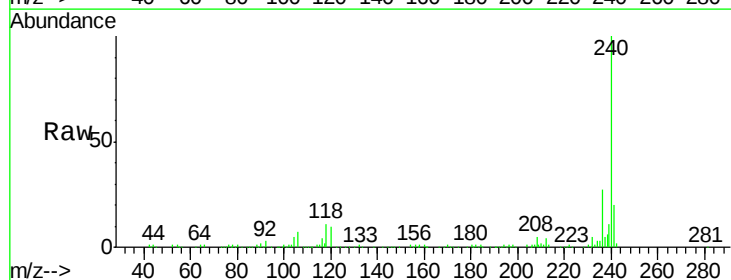


Time-->

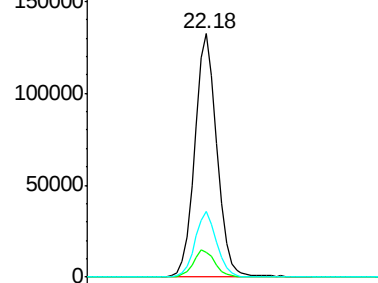


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.18 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BG027789.D
Acq: 1 Jul 2017 18:32

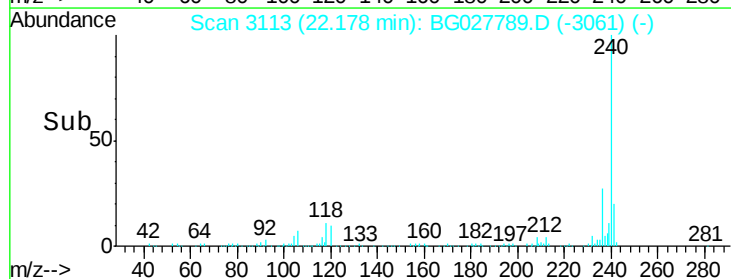
Tgt Ion:240 Resp: 240086
Ion Ratio Lower Upper
240 100
120 10.2 5.7 8.5#
236 26.9 22.2 33.4

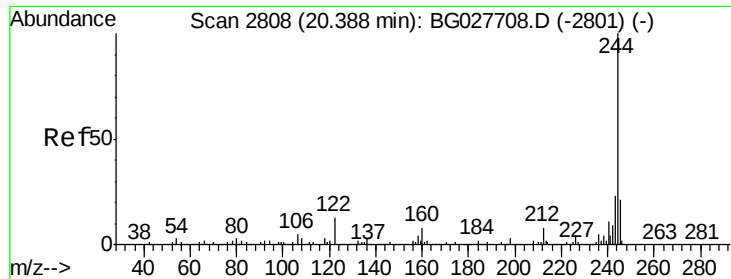


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->

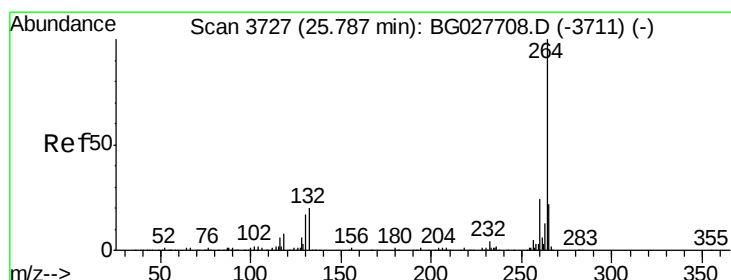
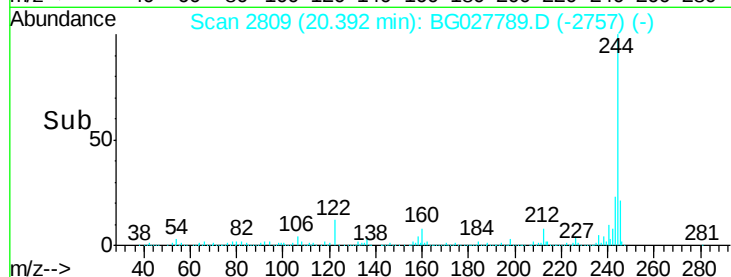
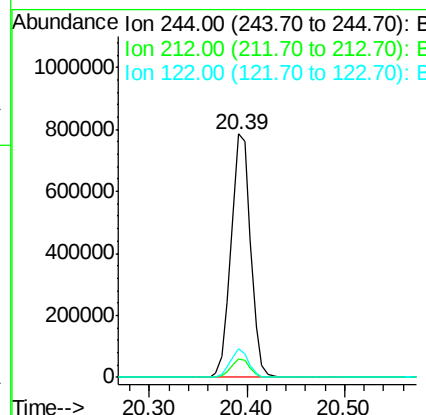
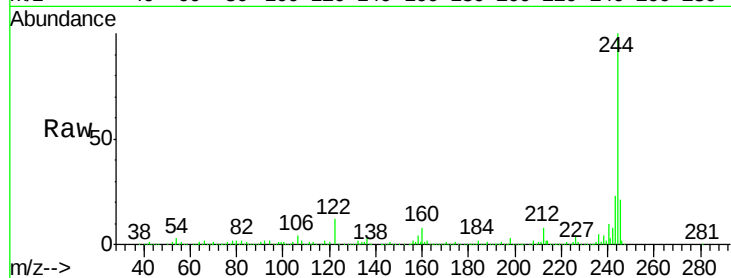




#78
 Terphenyl-d14
 Concen: 106.299 ng
 RT: 20.39 min Scan# 2809
 Delta R.T. 0.00 min
 Lab File: BG027789.D
 Acq: 1 Jul 2017 18:32

Instrument :
 BNA_G
 ClientSampleId :
 348-343-COMP

Tgt Ion:244 Resp: 1088605
 Ion Ratio Lower Upper
 244 100
 212 7.7 10.0 15.0#
 122 11.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.80 min Scan# 3729
 Delta R.T. 0.01 min
 Lab File: BG027789.D
 Acq: 1 Jul 2017 18:32

Tgt Ion:264 Resp: 238444
 Ion Ratio Lower Upper
 264 100
 260 23.0 21.8 32.8
 265 21.2 18.2 27.4

