

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070117\
 Data File : BG027797.D
 Acq On : 2 Jul 2017 00:01
 Operator : SJ/JU
 Sample : I4004-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CIY-FB062917

Quant Time: Jul 03 07:24:57 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	8.47	152	30861	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	150470	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	102991	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	248186	20.00	ng	0.00
75) Chrysene-d12	22.18	240	248273	20.00	ng	0.00
86) Perylene-d12	25.79	264	249543	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.05	112	112551	56.16	ng	0.00
7) Phenol-d6	7.62	99	97360	31.80	ng	0.00
23) Nitrobenzene-d5	9.64	82	222910	82.58	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	175101	123.95	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	630215	87.39	ng	0.00
78) Terphenyl-d14	20.39	244	945444	89.28	ng	0.00

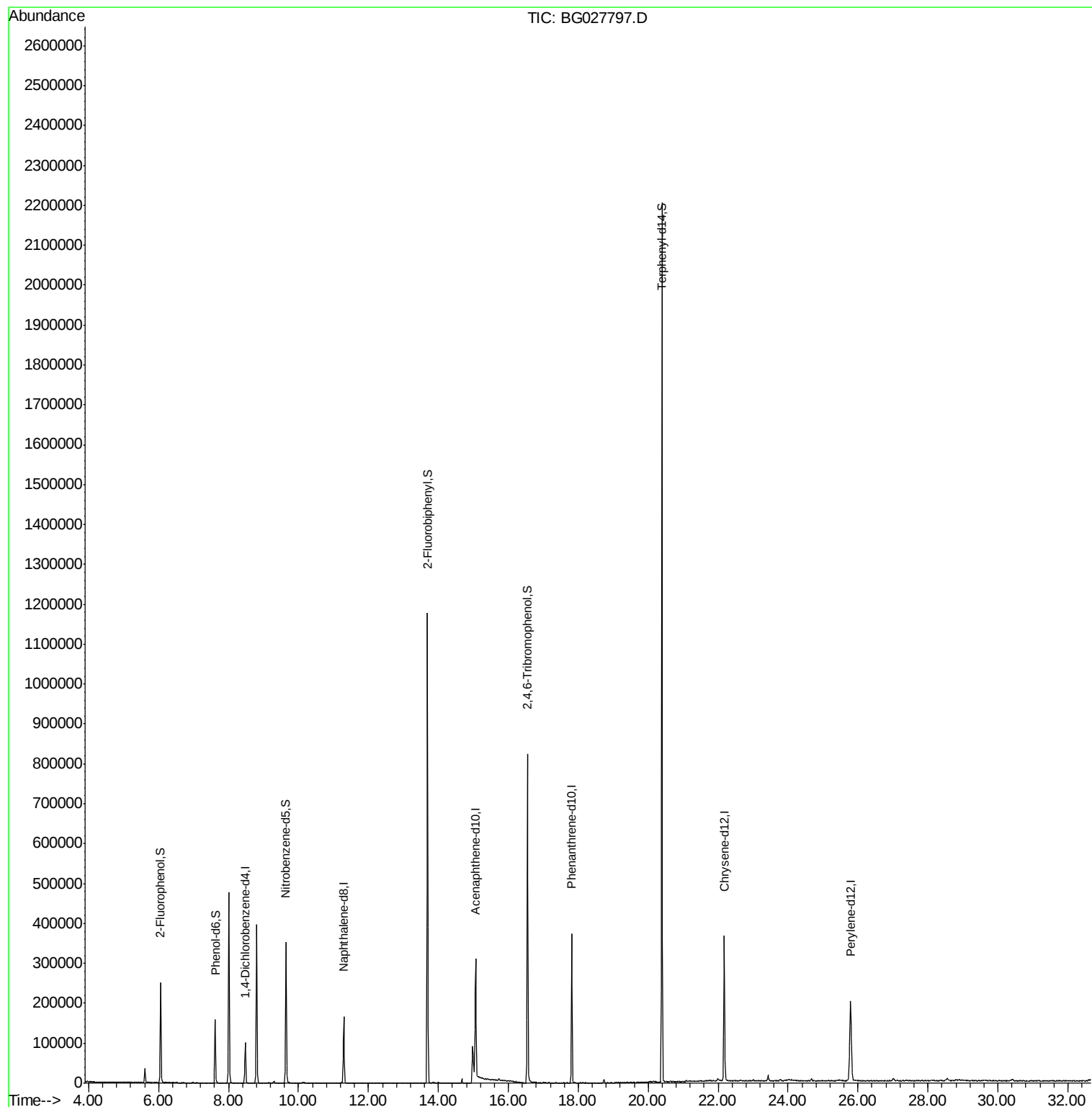
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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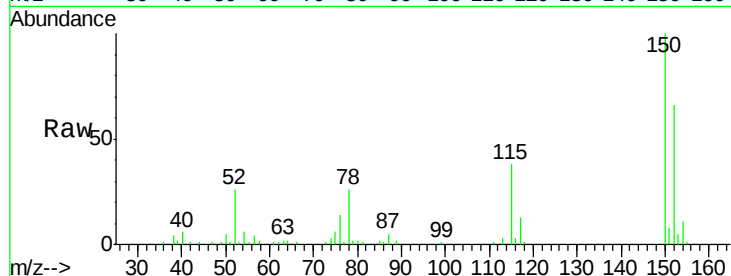


#1

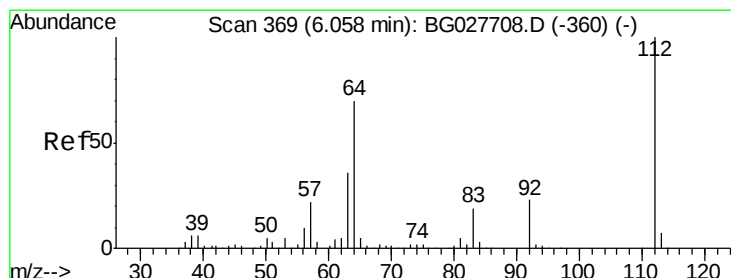
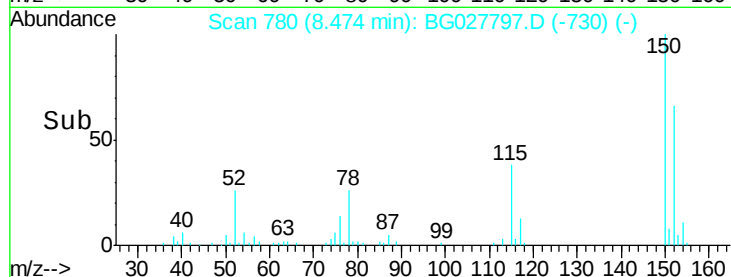
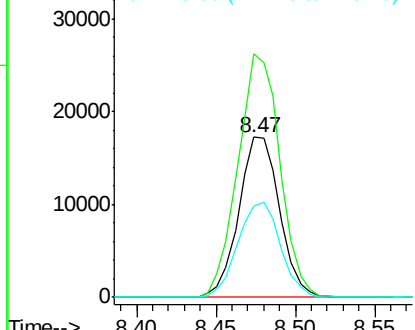
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.47 min Scan# 780
Delta R.T. -0.00 min
Lab File: BG027797.D
Acq: 2 Jul 2017 00:01

Instrument :
BNA_G
ClientSampleId :
CIY-FB062917

Tgt Ion:152 Resp: 30861
Ion Ratio Lower Upper
152 100
150 152.2 114.0 171.0
115 57.3 48.1 72.1



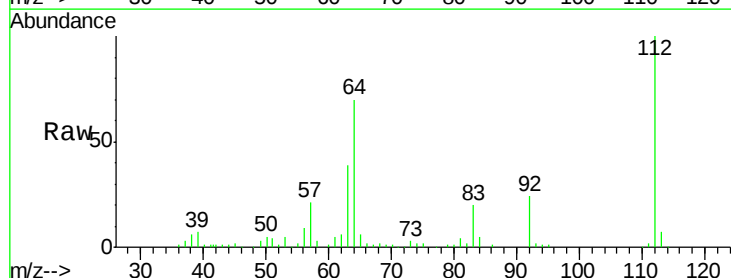
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



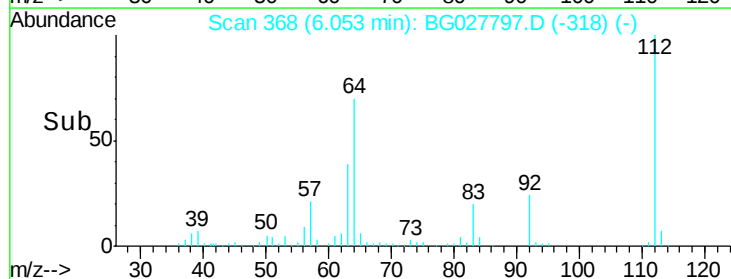
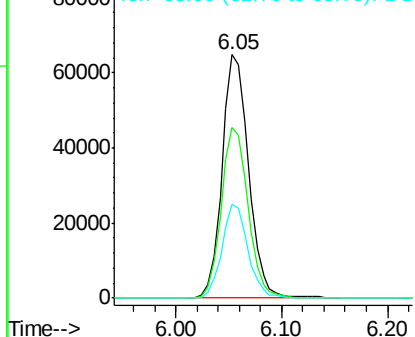
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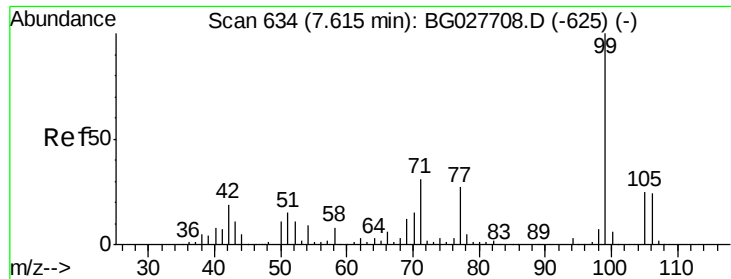
2-Fluorophenol
Concen: 56.161 ng
RT: 6.05 min Scan# 368
Delta R.T. -0.00 min
Lab File: BG027797.D
Acq: 2 Jul 2017 00:01

Tgt Ion:112 Resp: 112551
Ion Ratio Lower Upper
112 100
64 70.4 61.8 92.6
63 38.6 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: 31.800 ng

RT: 7.62 min Scan# 634

Delta R.T. 0.00 min

Lab File: BG027797.D

Acq: 2 Jul 2017 00:01

Instrument :

BNA_G

ClientSampleId :

CIY-FB062917

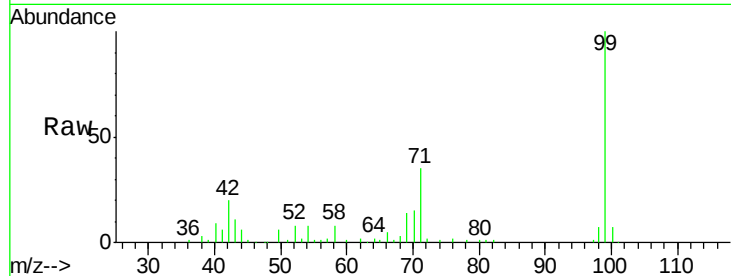
Tgt Ion: 99 Resp: 97360

Ion Ratio Lower Upper

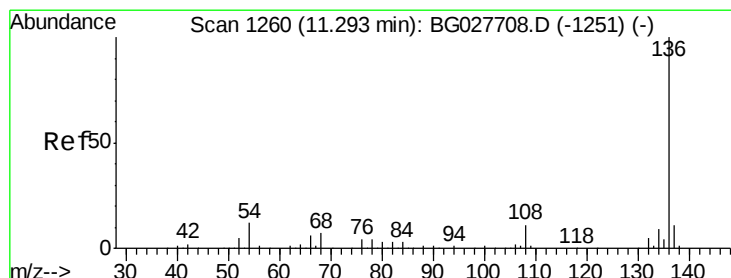
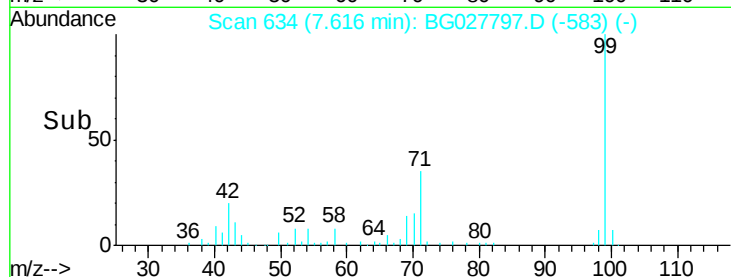
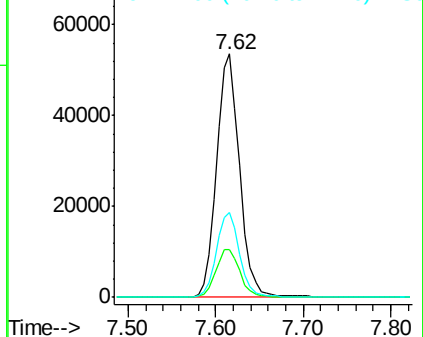
99 100

42 19.7 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: 11.29 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BG027797.D

Acq: 2 Jul 2017 00:01

Tgt Ion: 136 Resp: 150470

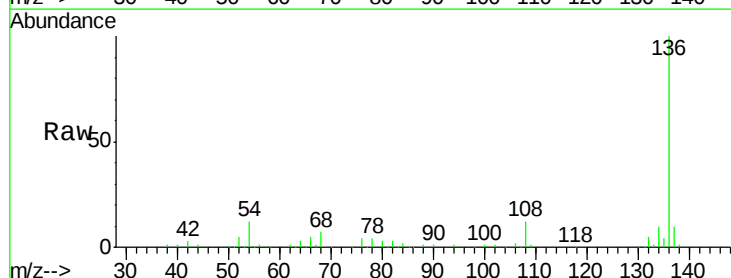
Ion Ratio Lower Upper

136 100

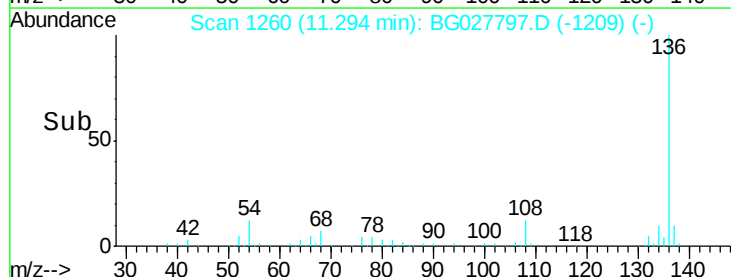
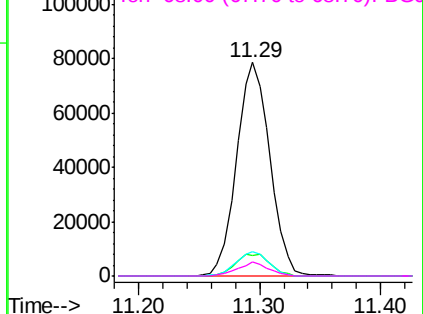
137 9.8 8.9 13.3

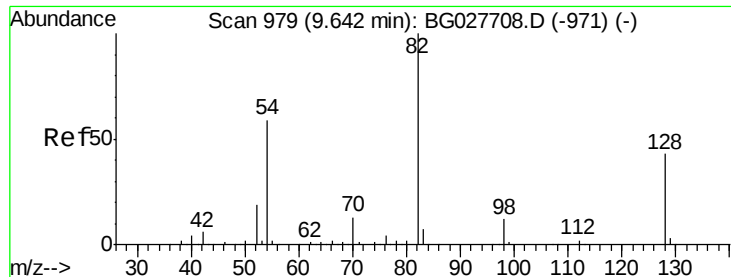
54 11.7 9.3 13.9

68 6.6 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

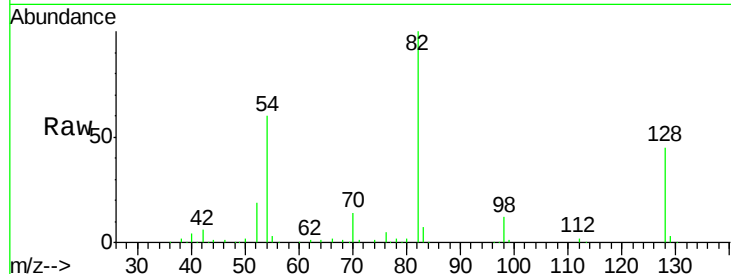




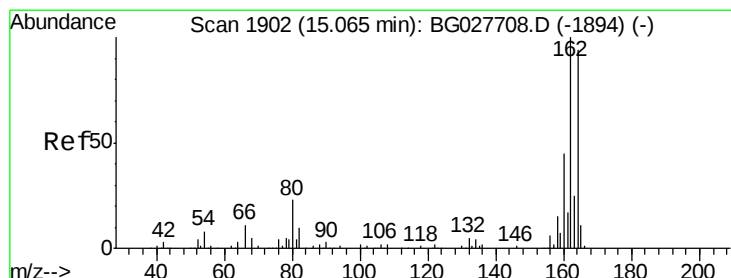
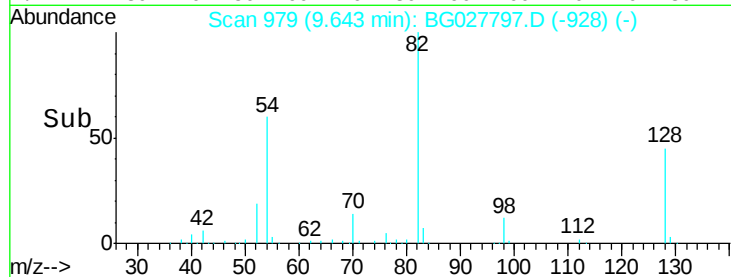
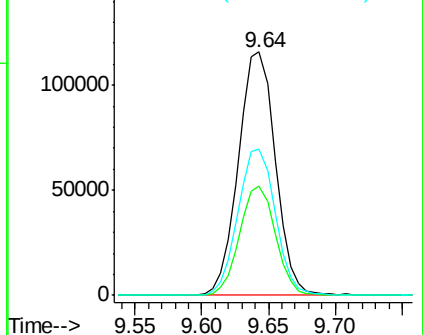
#23
 Nitrobenzene-d5
 Concen: 82.576 ng
 RT: 9.64 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BG027797.D
 Acq: 2 Jul 2017 00:01

Instrument :
 BNA_G
 ClientSampleId :
 CIY-FB062917

Tgt Ion: 82 Resp: 222910
 Ion Ratio Lower Upper
 82 100
 128 45.1 26.4 39.6#
 54 60.1 49.4 74.2

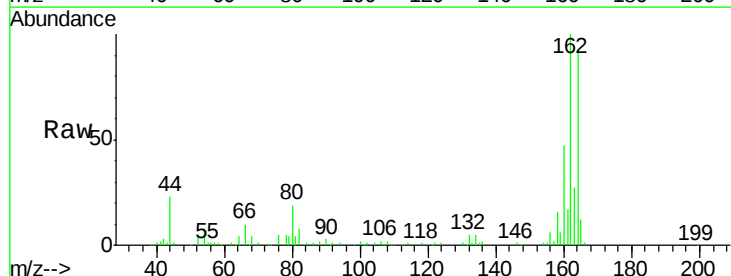


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

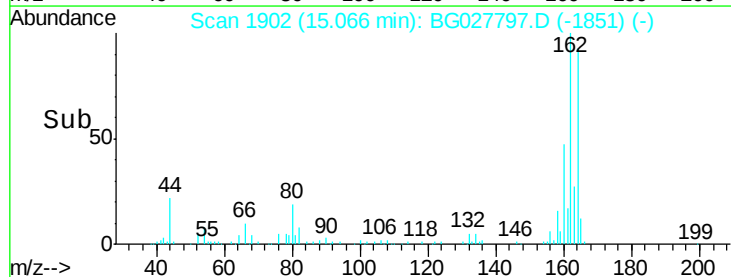
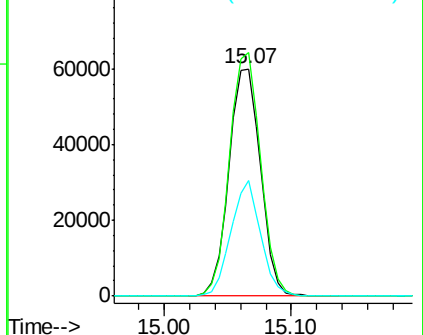


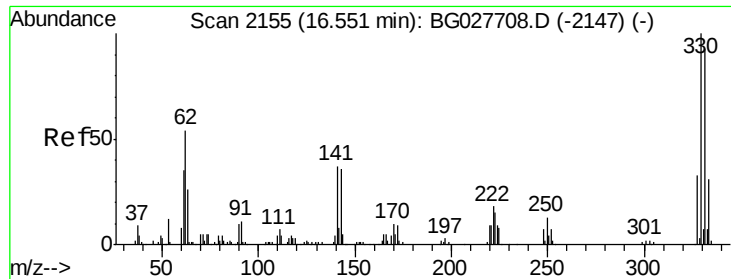
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.07 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BG027797.D
 Acq: 2 Jul 2017 00:01

Tgt Ion: 164 Resp: 102991
 Ion Ratio Lower Upper
 164 100
 162 107.2 85.1 127.7
 160 50.8 34.7 52.1



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

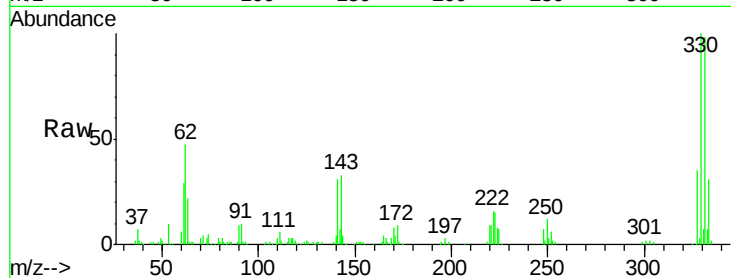




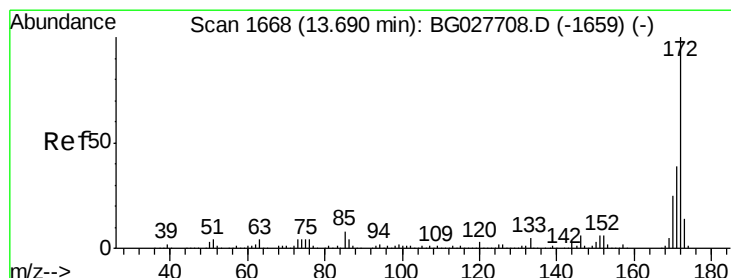
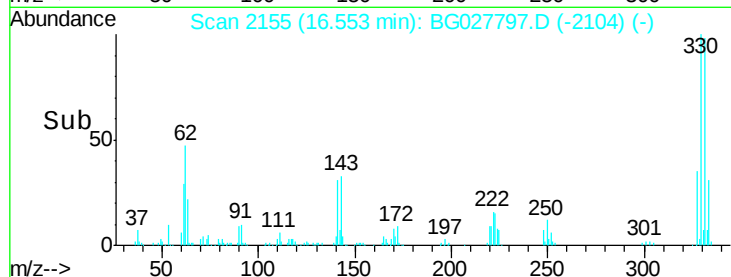
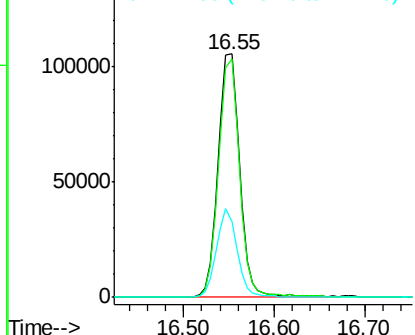
#41
 2,4,6-Tribromophenol
 Concen: 123.954 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG027797.D
 Acq: 2 Jul 2017 00:01

Instrument :
 BNA_G
 ClientSampled :
 CIY-FB062917

Tgt Ion:330 Resp: 175101
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.3 115.9
 141 34.8 32.1 48.1

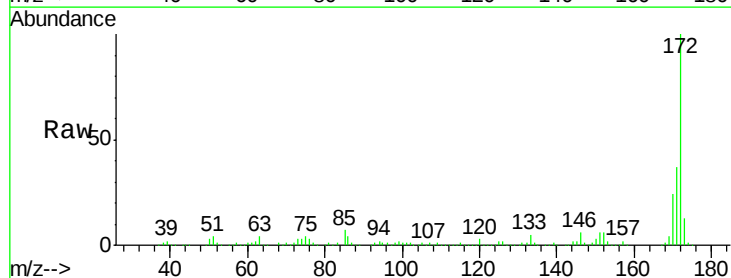


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

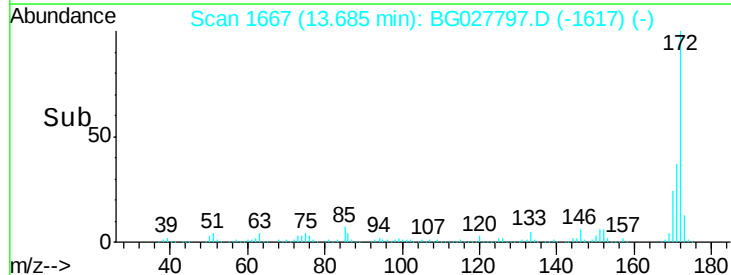
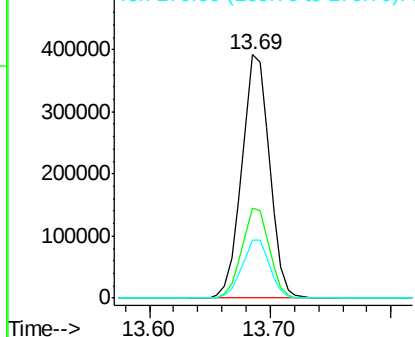


#44
 2-Fluorobiphenyl
 Concen: 87.392 ng
 RT: 13.69 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG027797.D
 Acq: 2 Jul 2017 00:01

Tgt Ion:172 Resp: 630215
 Ion Ratio Lower Upper
 172 100
 171 36.8 32.2 48.2
 170 23.7 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

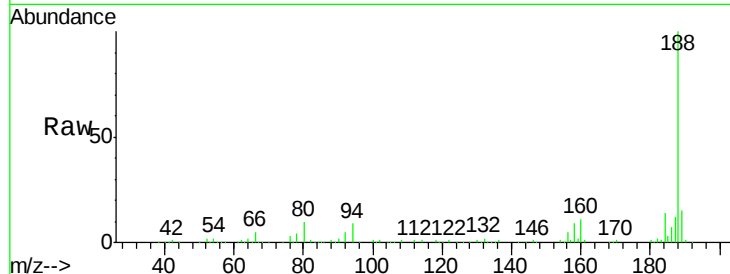




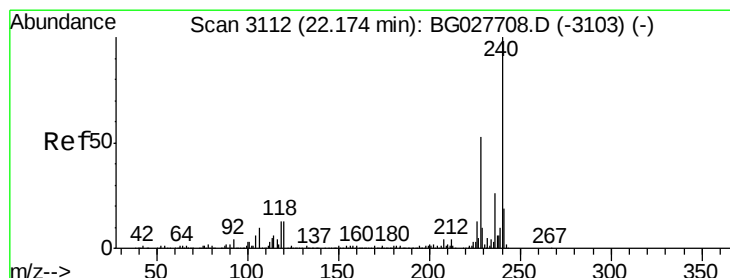
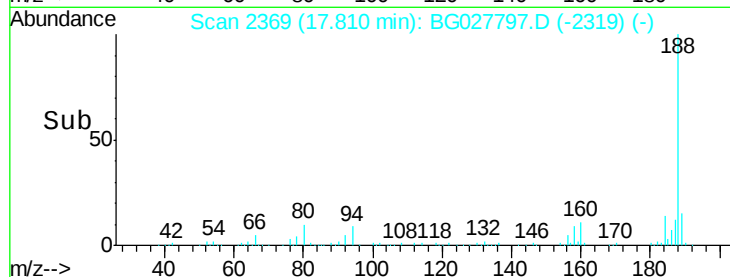
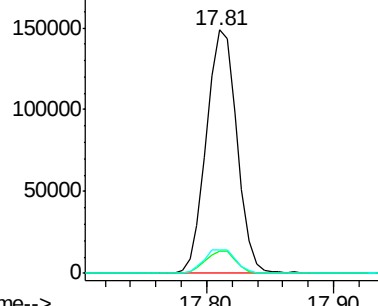
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.81 min Scan# 2369
 Delta R.T. -0.00 min
 Lab File: BG027797.D
 Acq: 2 Jul 2017 00:01

Instrument :
 BNA_G
 ClientSampleId :
 CIY-FB062917

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	5.8	8.8#
80	9.8	7.5	11.3

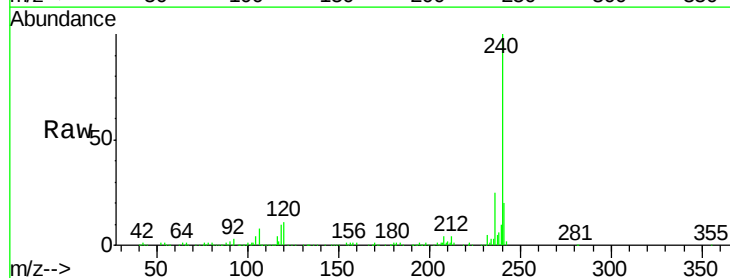


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

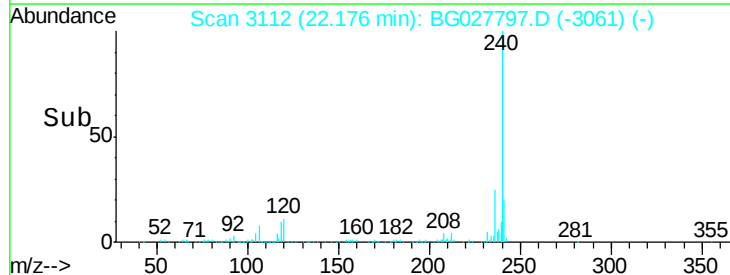
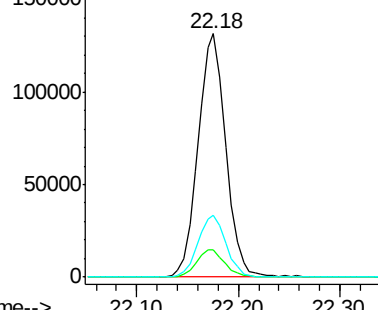


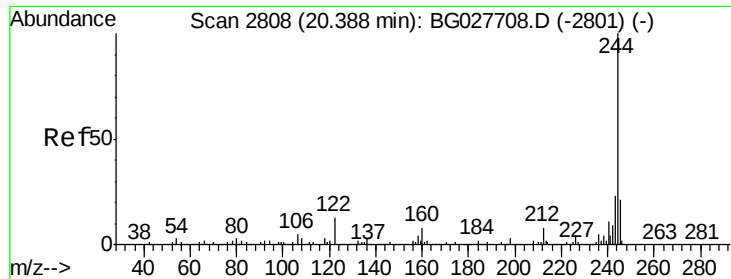
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.18 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: BG027797.D
 Acq: 2 Jul 2017 00:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	5.7	8.5#
236	25.4	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: 89.275 ng

RT: 20.39 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BG027797.D

Acq: 2 Jul 2017 00:01

Instrument :

BNA_G

ClientSampleId :

CIY-FB062917

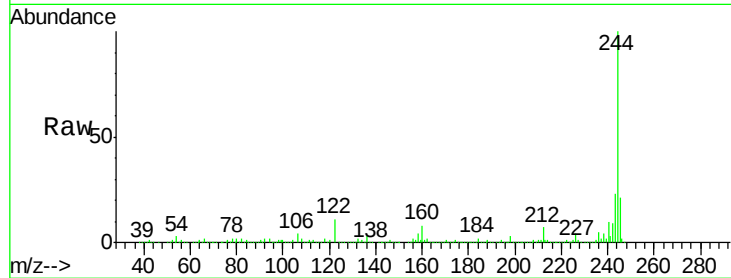
Tgt Ion:244 Resp: 945444

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

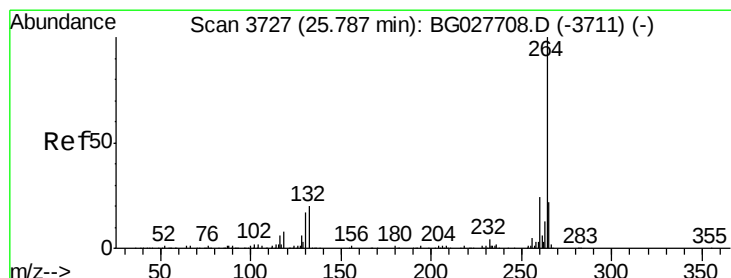
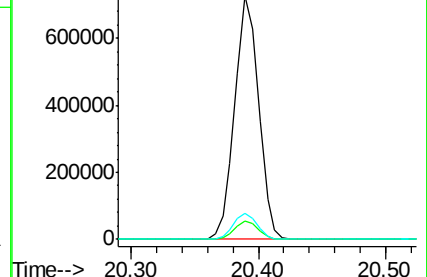
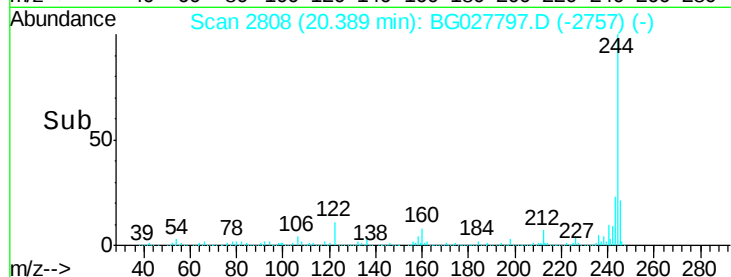
122 10.6 8.6 12.8



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: 20.000 ng

RT: 25.79 min Scan# 3727

Delta R.T. 0.00 min

Lab File: BG027797.D

Acq: 2 Jul 2017 00:01

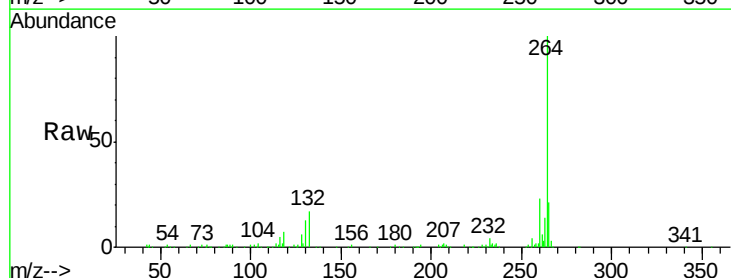
Tgt Ion:264 Resp: 249543

Ion Ratio Lower Upper

264 100

260 23.4 21.8 32.8

265 20.7 18.2 27.4



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

