

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062717\
 Data File : BG027698.D
 Acq On : 27 Jun 2017 11:56
 Operator : SJ/JU
 Sample : I3911-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-062317

Quant Time: Jun 28 01:39:42 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

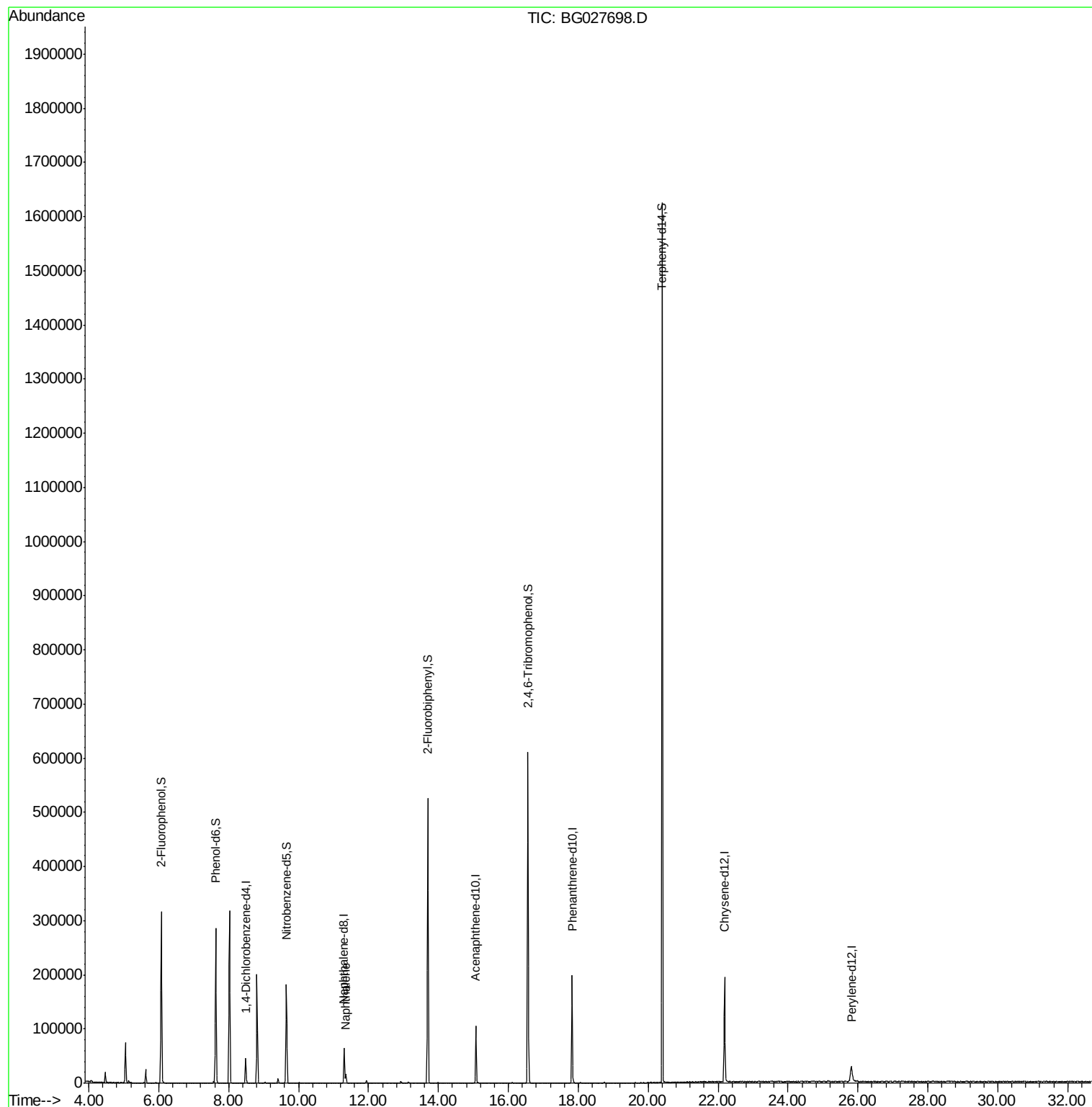
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	12780	20.00	ng	-0.01
21) Naphthalene-d8	11.30	136	54811	20.00	ng	-0.03
38) Acenaphthene-d10	15.07	164	33975	20.00	ng	-0.02
63) Phenanthrene-d10	17.82	188	126643	20.00	ng	-0.03
75) Chrysene-d12	22.18	240	136300	20.00	ng	-0.03
86) Perylene-d12	25.80	264	27762	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	123634	137.68	ng	-0.01
7) Phenol-d6	7.63	99	150469	113.19	ng	-0.01
23) Nitrobenzene-d5	9.65	82	111415	96.19	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	110134	217.44	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	259369	104.28	ng	-0.03
78) Terphenyl-d14	20.40	244	703920	121.68	ng	-0.02
Target Compounds						
31) Naphthalene	11.36	128	14470	4.88	ng	Qvalue # 92

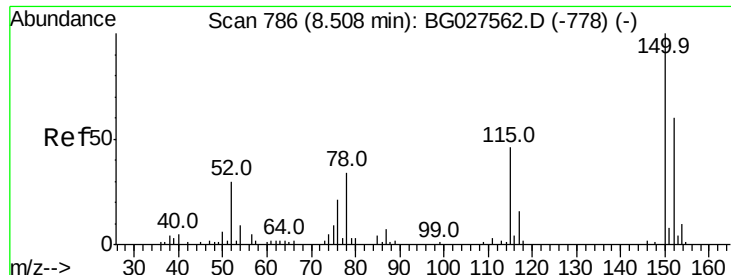
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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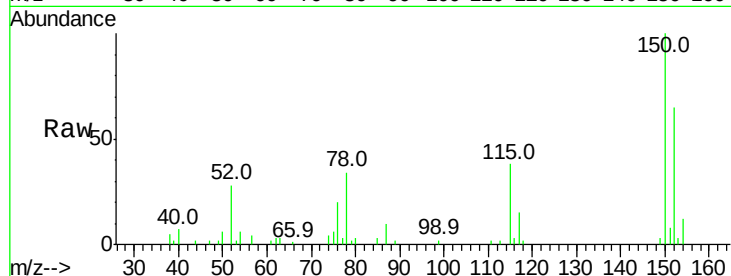


#1

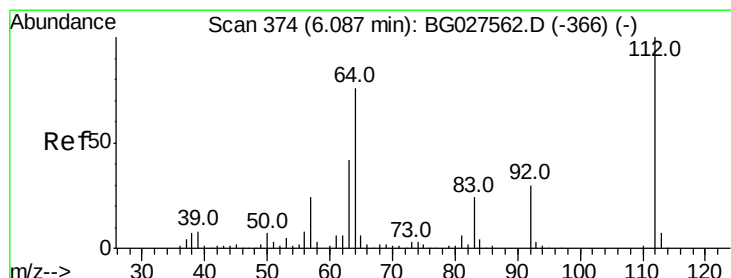
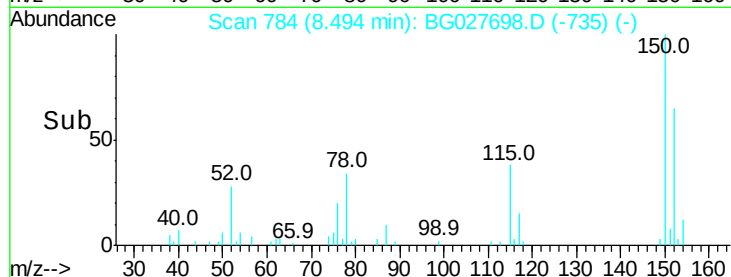
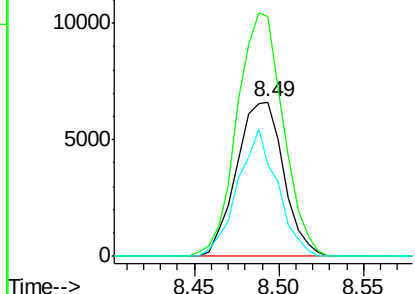
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.49 min Scan# 784
Delta R.T. -0.01 min
Lab File: BG027698.D
Acq: 27 Jun 2017 11:56

Instrument :
BNA_G
ClientSampleId :
SU-04-062317

Tot Ion:152 Resp: 12780
Ion Ratio Lower Upper
152 100
150 154.9 114.0 171.0
115 59.4 48.1 72.1



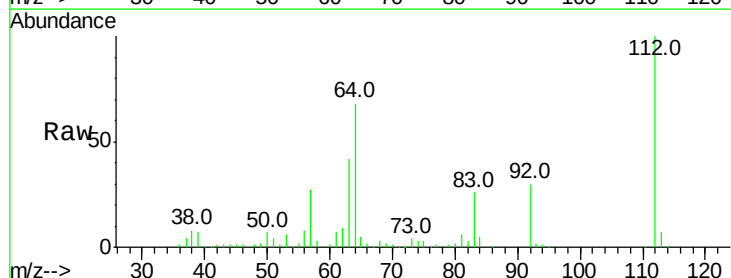
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



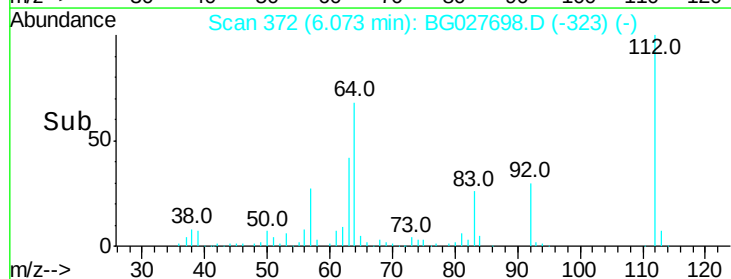
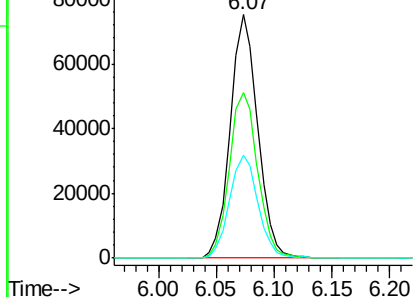
#5

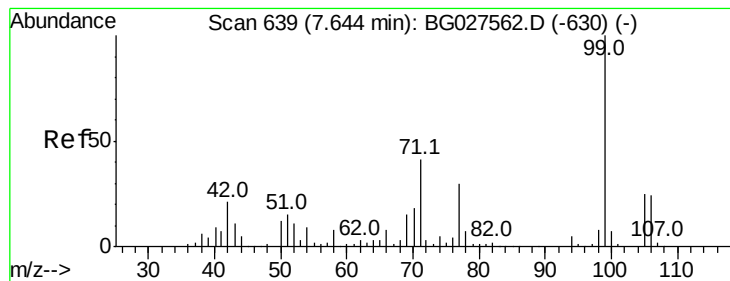
2-Fluorophenol
Concen: 137.68 ng
RT: 6.07 min Scan# 372
Delta R.T. -0.01 min
Lab File: BG027698.D
Acq: 27 Jun 2017 11:56

Tgt Ion:112 Resp: 123634
Ion Ratio Lower Upper
112 100
64 67.9 61.8 92.6
63 42.3 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: 113.19 ng

RT: 7.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BG027698.D

Acq: 27 Jun 2017 11:56

Instrument :

BNA_G

ClientSampleId :

SU-04-062317

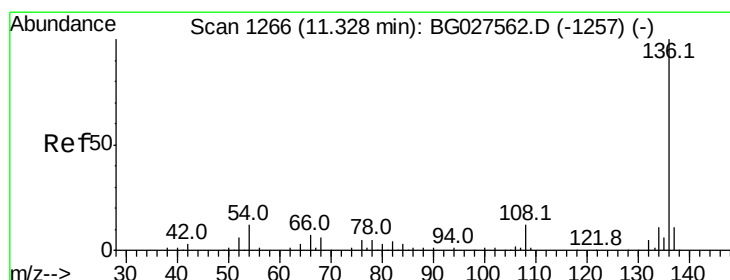
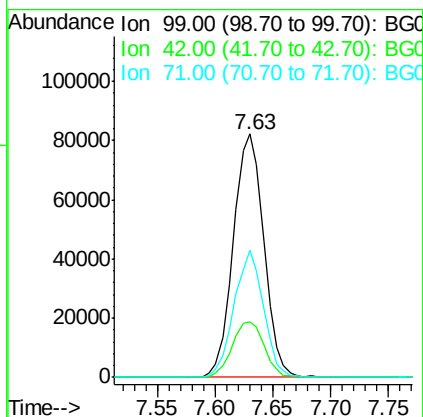
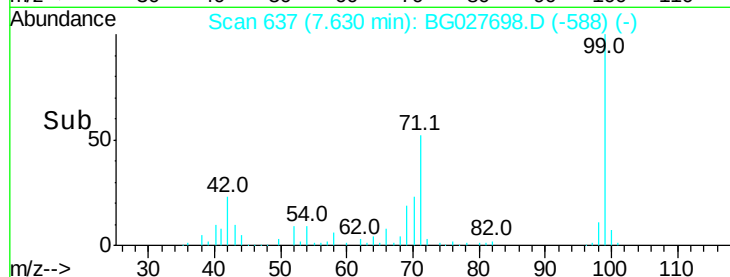
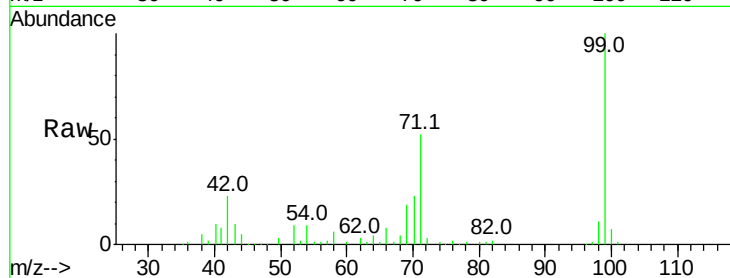
Tot Ion: 99 Resp: 150469

Ion Ratio Lower Upper

99 100

42 22.8 20.5 30.7

71 52.2 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.30 min Scan# 1262

Delta R.T. -0.03 min

Lab File: BG027698.D

Acq: 27 Jun 2017 11:56

Tgt Ion: 136 Resp: 54811

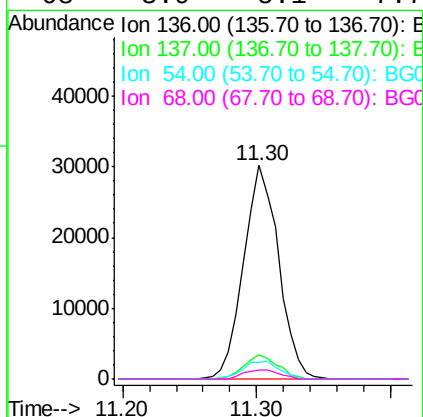
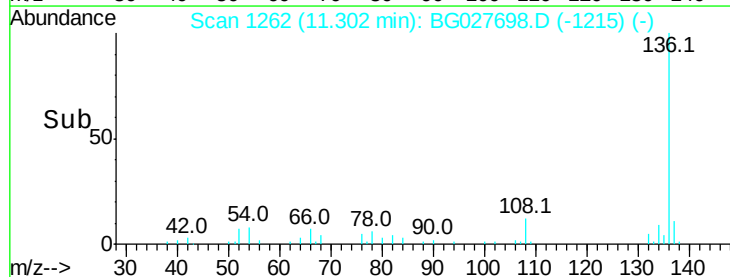
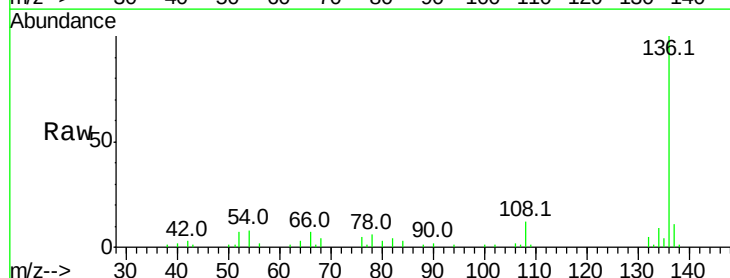
Ion Ratio Lower Upper

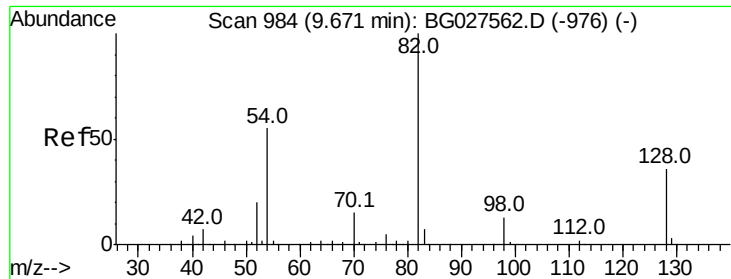
136 100

137 11.4 8.9 13.3

54 8.0 9.3 13.9#

68 3.9 5.1 7.7#

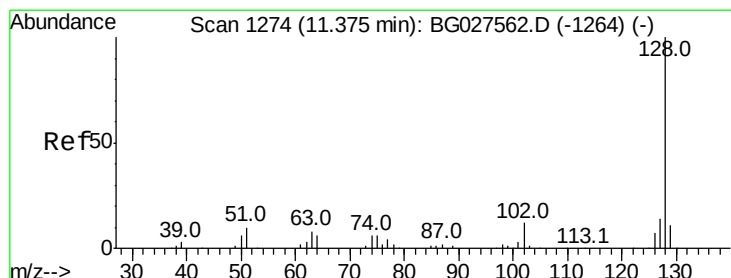
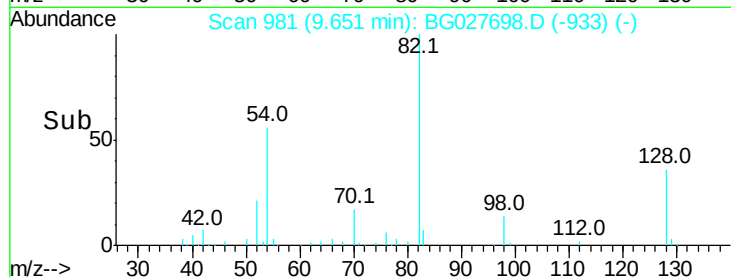
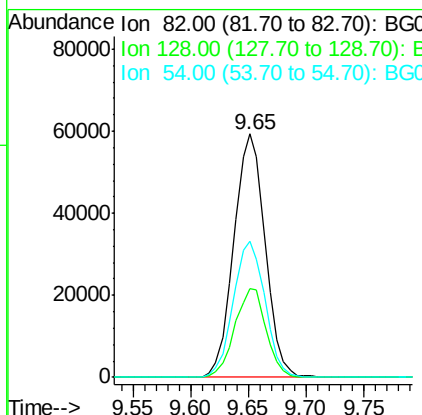
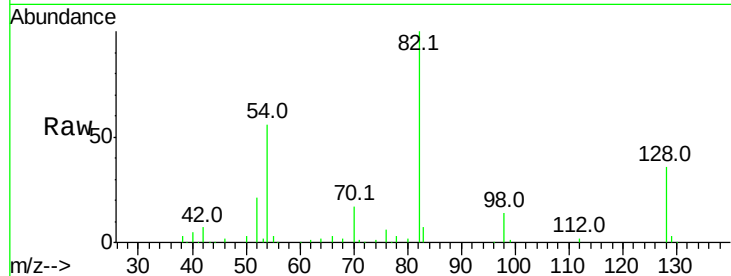




#23
Nitrobenzene-d5
Concen: 96.19 ng
RT: 9.65 min Scan# 981
Delta R.T. -0.02 min
Lab File: BG027698.D
Acq: 27 Jun 2017 11:56

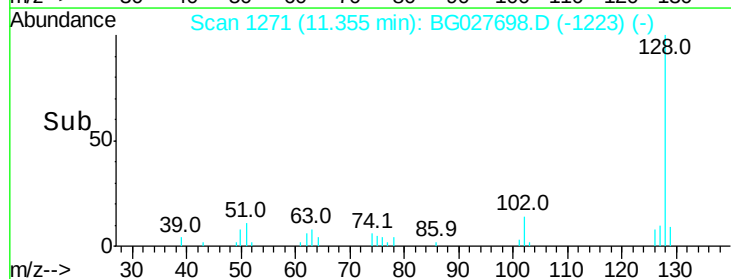
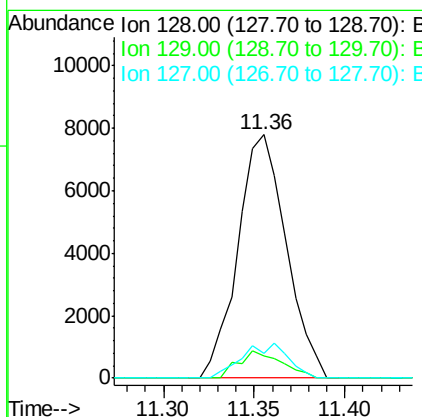
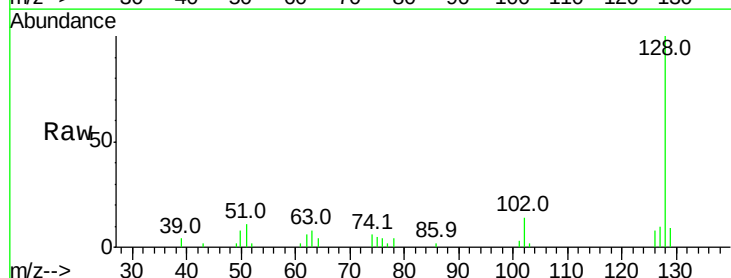
Instrument :
BNA_G
ClientSampleId :
SU-04-062317

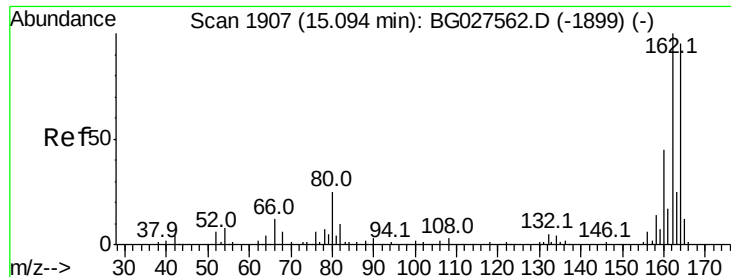
Tot Ion	82	Resp	111415
Ion	Ratio	Lower	Upper
82	100		
128	36.3	26.4	39.6
54	55.9	49.4	74.2



#31
Naphthalene
Concen: 4.88 ng
RT: 11.36 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BG027698.D
Acq: 27 Jun 2017 11:56

Tgt Ion	128	Resp	14470
Ion	Ratio	Lower	Upper
128	100		
129	9.0	9.3	13.9#
127	10.4	11.4	17.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.07 min Scan# 1904

Delta R.T. -0.02 min

Lab File: BG027698.D

Acq: 27 Jun 2017 11:56

Instrument :

BNA_G

ClientSampleId :

SU-04-062317

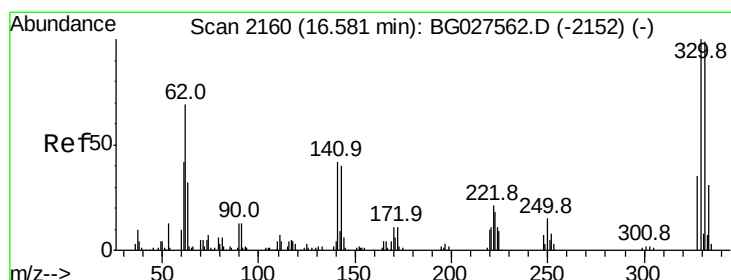
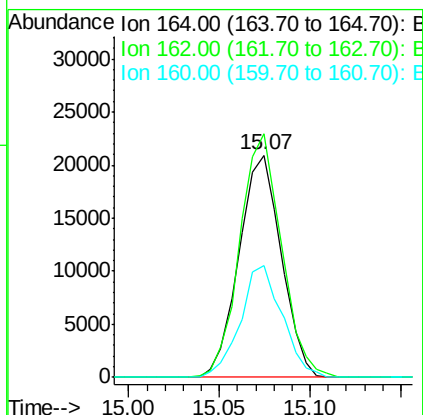
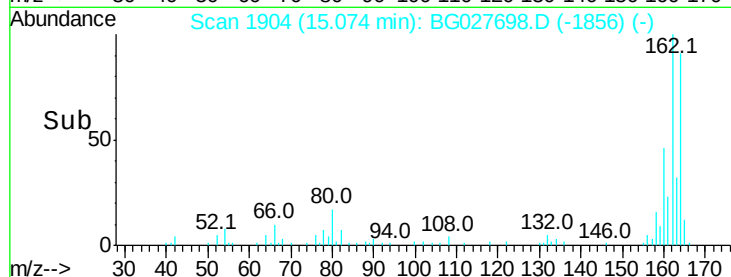
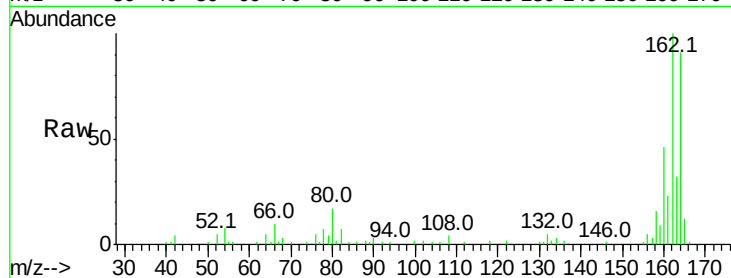
Tot Ion:164 Resp: 33975

Ion Ratio Lower Upper

164 100

162 109.7 85.1 127.7

160 50.5 34.7 52.1



#41

2,4,6-Tribromophenol

Concen: 217.44 ng

RT: 16.56 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BG027698.D

Acq: 27 Jun 2017 11:56

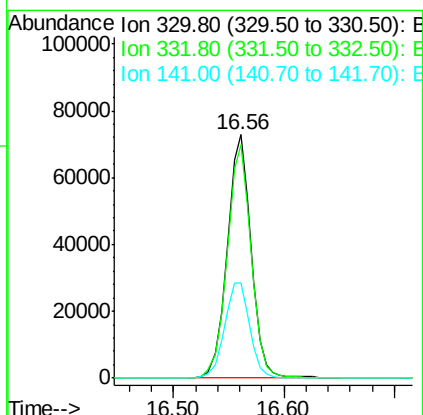
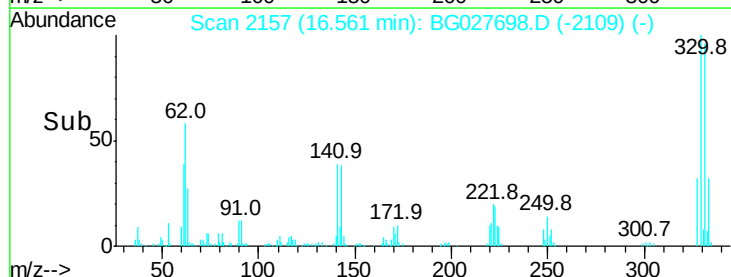
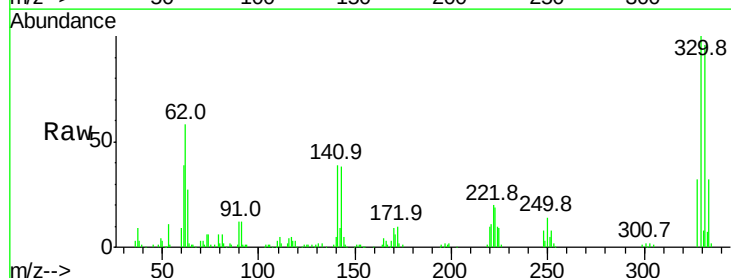
Tgt Ion:330 Resp: 110134

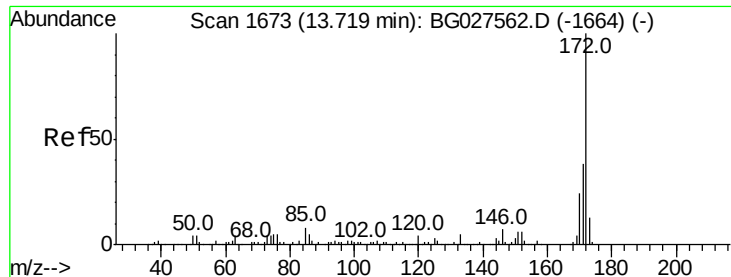
Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

141 41.4 32.1 48.1

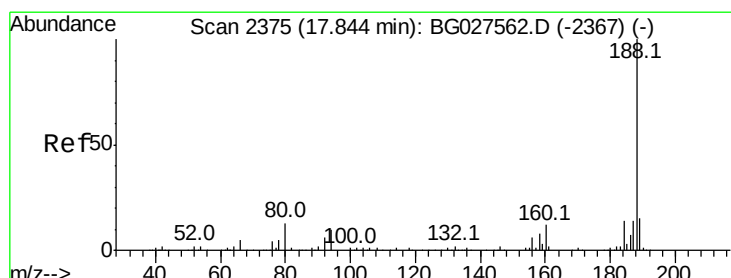
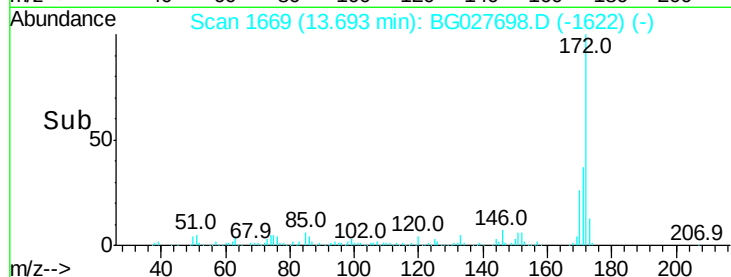
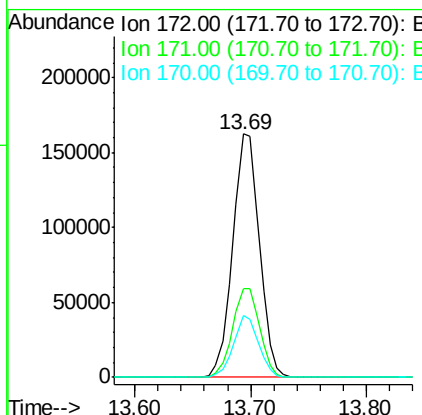
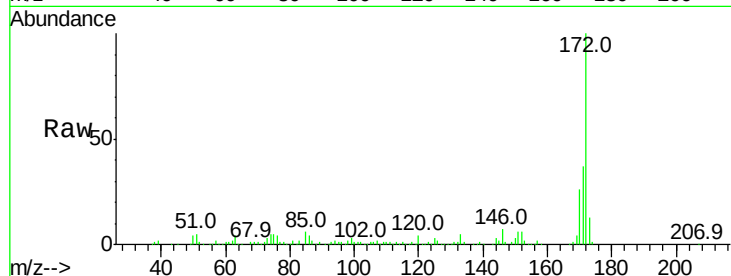




#44
2-Fluorobiphenyl
Concen: 104.28 ng
RT: 13.69 min Scan# 1669
Delta R.T. -0.03 min
Lab File: BG027698.D
Acq: 27 Jun 2017 11:56

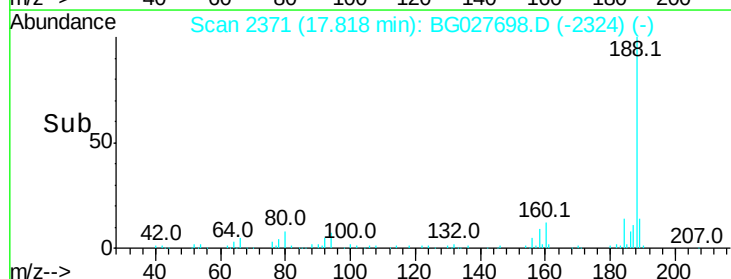
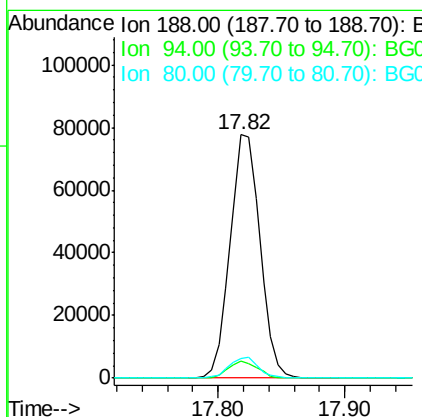
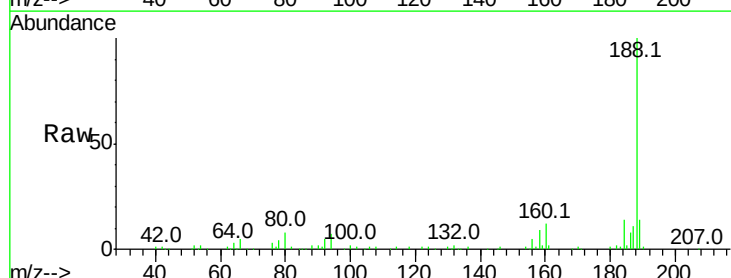
Instrument :
BNA_G
ClientSampleId :
SU-04-062317

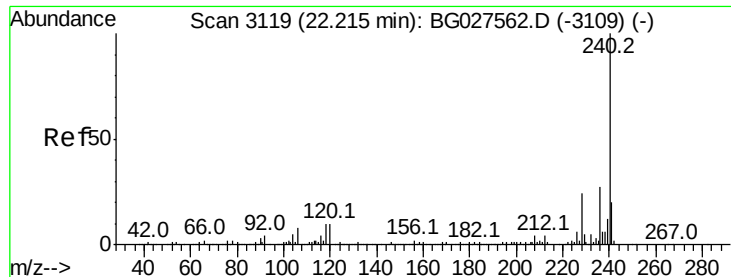
Tot Ion:172 Resp: 259369
Ion Ratio Lower Upper
172 100
171 36.6 32.2 48.2
170 25.5 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 2371
Delta R.T. -0.03 min
Lab File: BG027698.D
Acq: 27 Jun 2017 11:56

Tgt Ion:188 Resp: 126643
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.8
80 8.1 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.18 min Scan# 3114

Delta R.T. -0.03 min

Lab File: BG027698.D

Acq: 27 Jun 2017 11:56

Instrument :

BNA_G

ClientSampleId :

SU-04-062317

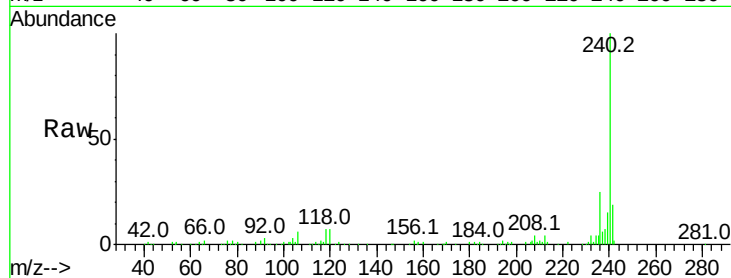
Tot Ion:240 Resp: 136300

Ion Ratio Lower Upper

240 100

120 6.9 5.7 8.5

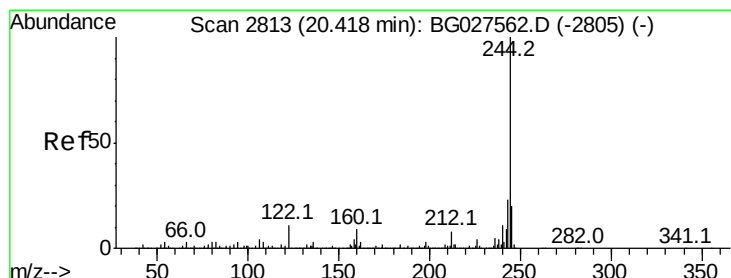
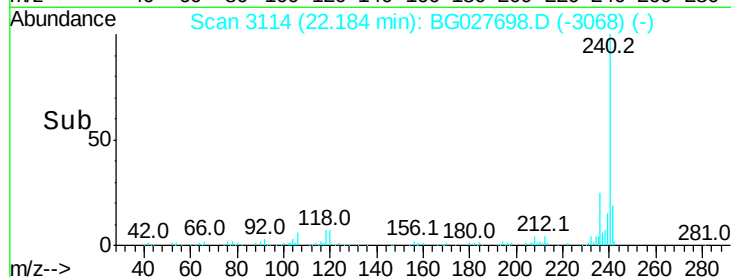
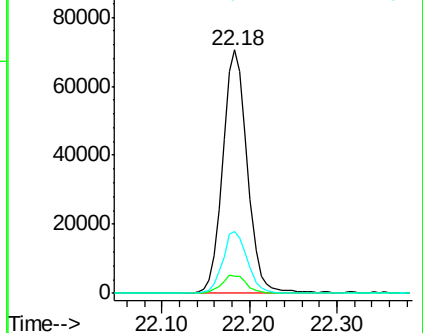
236 25.4 22.2 33.4



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: 121.68 ng

RT: 20.40 min Scan# 2810

Delta R.T. -0.02 min

Lab File: BG027698.D

Acq: 27 Jun 2017 11:56

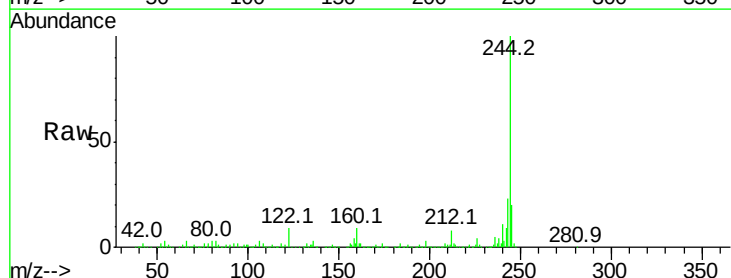
Tgt Ion:244 Resp: 703920

Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

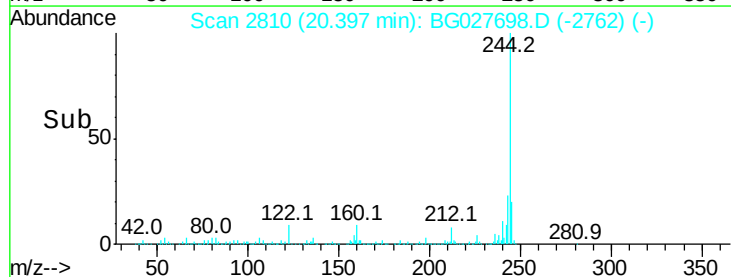
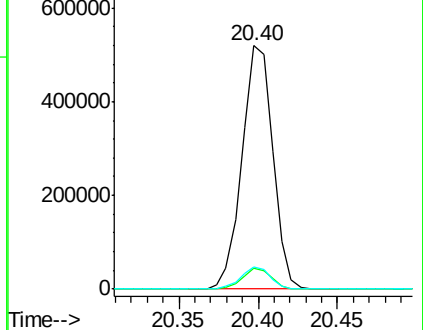
122 8.9 8.6 12.8

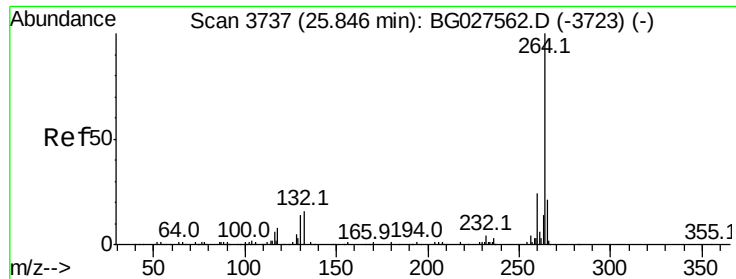


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.80 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG027698.D
Acq: 27 Jun 2017 11:56

Instrument :
BNA_G
ClientSampleId :
SU-04-062317

Tot Ion	Ratio	Lower	Upper
264	100		
260	30.4	21.8	32.8
265	20.0	18.2	27.4

