

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027395.D
 Acq On : 13 Jun 2017 21:00
 Operator : SJ/MA
 Sample : I3614-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 14 06:10:31 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

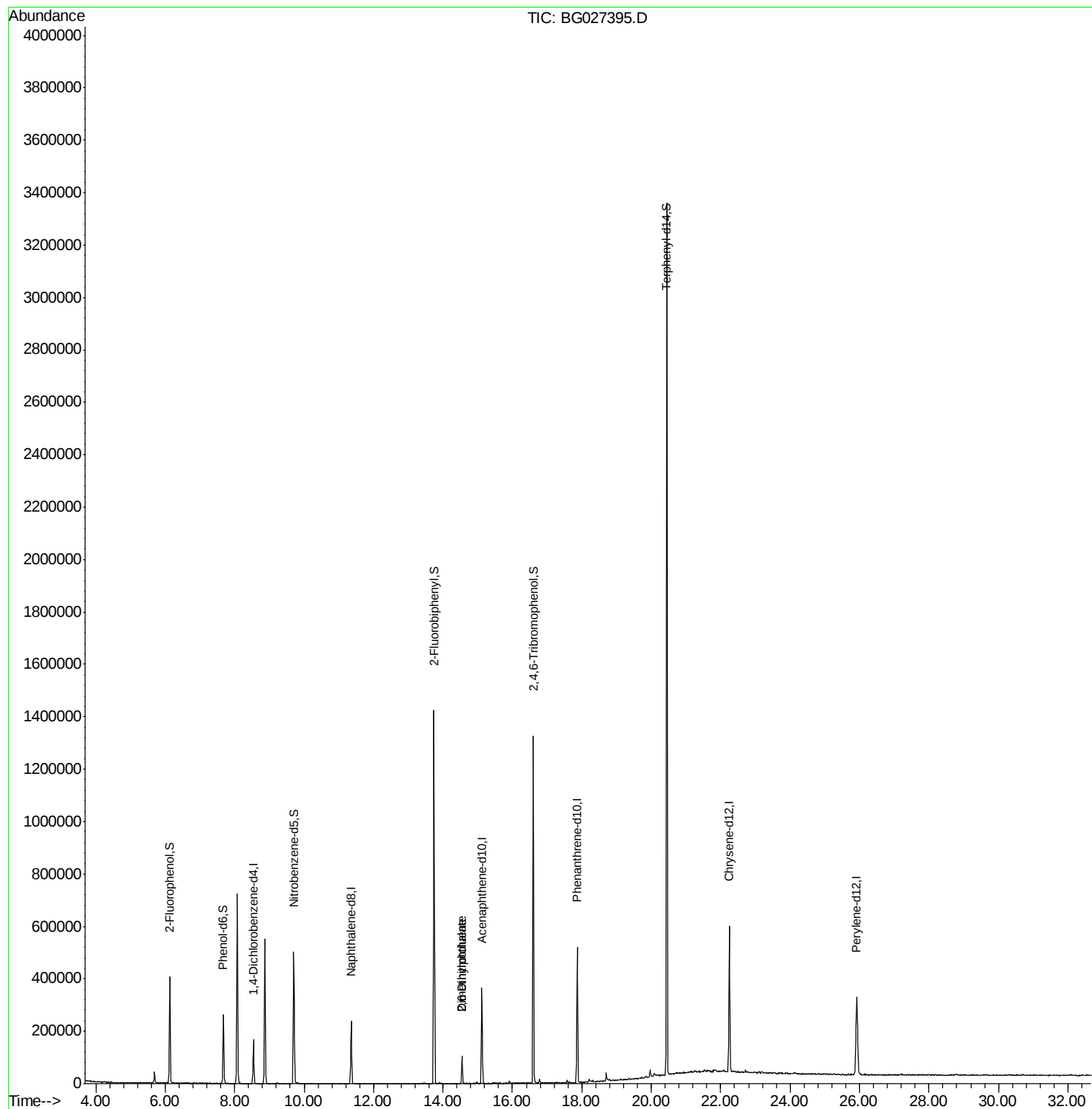
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	49061	20.00	ng	-0.03
21) Naphthalene-d8	11.36	136	212379	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	126215	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	323324	20.00	ng	-0.04
75) Chrysene-d12	22.25	240	380269	20.00	ng	-0.06
86) Perylene-d12	25.91	264	364993	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	180451	56.13	ng	-0.03
7) Phenol-d6	7.68	99	164503	34.86	ng	-0.03
23) Nitrobenzene-d5	9.70	82	338346	100.19	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	256816	154.52	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	773727	85.76	ng	-0.04
78) Terphenyl-d14	20.44	244	1477074	99.09	ng	-0.05
Target Compounds						
49) Dimethylphthalate	14.55	163	70863	7.08	ng	# 96
50) 2,6-Dinitrotoluene	14.55	165	724	5.93	ng	# 11

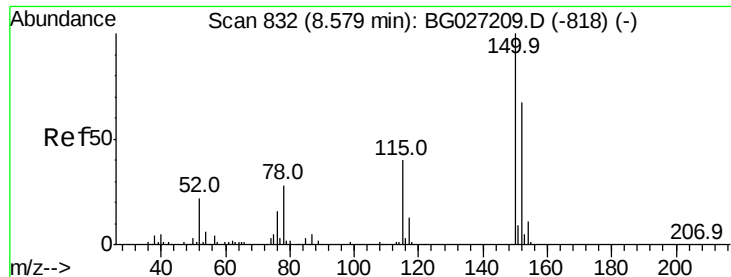
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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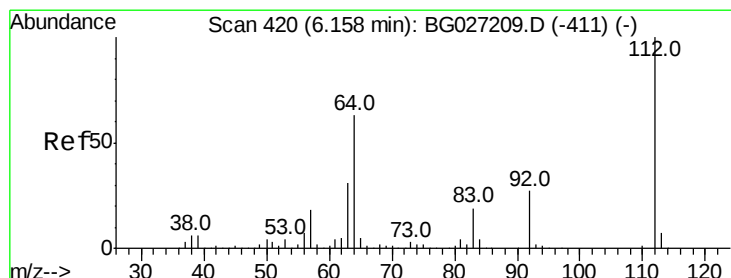
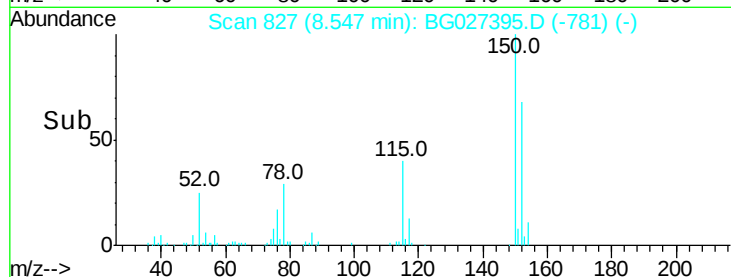
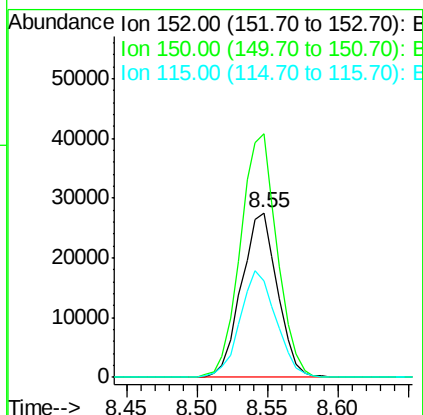
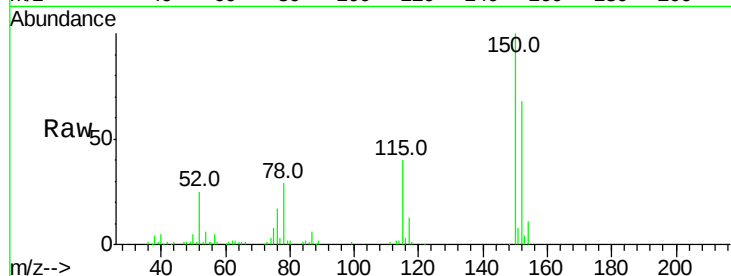


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.55 min Scan# 827
Delta R.T. -0.03 min
Lab File: BG027395.D
Acq: 13 Jun 2017 21:00

Instrument :
BNA_G
ClientSampleId :

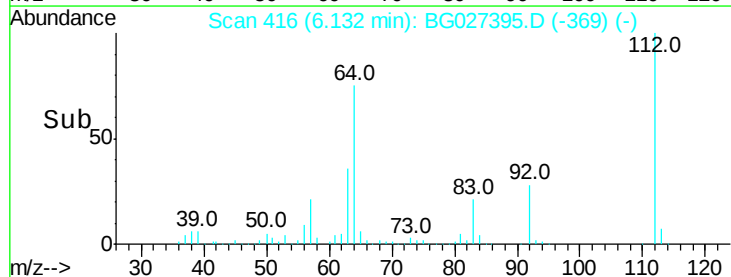
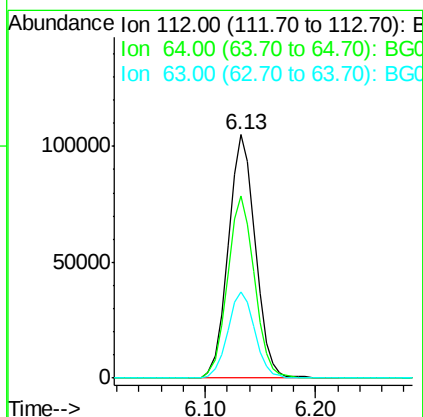
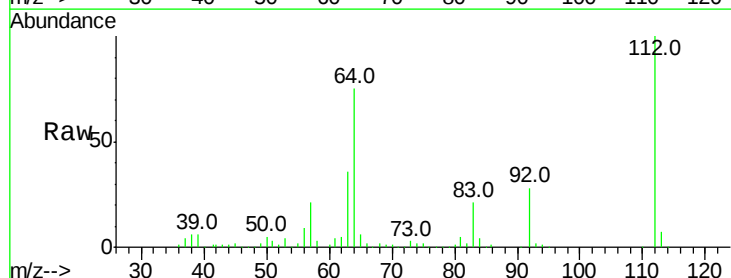
Tot Ion:152 Resp: 49061
Ion Ratio Lower Upper
152 100
150 148.0 114.0 171.0
115 58.6 48.1 72.1



#5

2-Fluorophenol
Concen: 56.13 ng
RT: 6.13 min Scan# 416
Delta R.T. -0.03 min
Lab File: BG027395.D
Acq: 13 Jun 2017 21:00

Tgt Ion:112 Resp: 180451
Ion Ratio Lower Upper
112 100
64 74.9 61.8 92.6
63 35.5 37.2 55.8#





#7

Phenol-d6

Concen: 34.86 ng

RT: 7.68 min Scan# 679

Delta R.T. -0.03 min

Lab File: BG027395.D

Acq: 13 Jun 2017 21:00

Instrument :

BNA_G

ClientSampled :

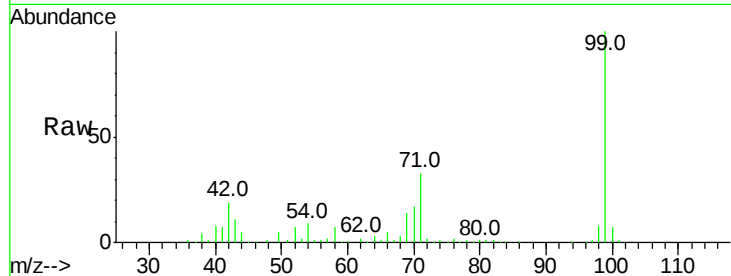
Tot Ion: 99 Resp: 164503

Ion Ratio Lower Upper

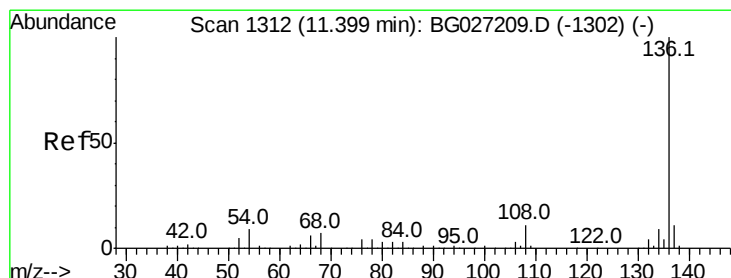
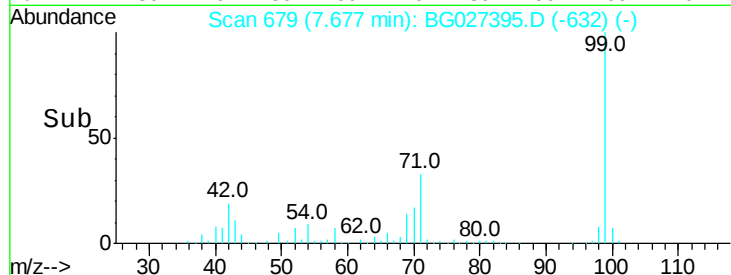
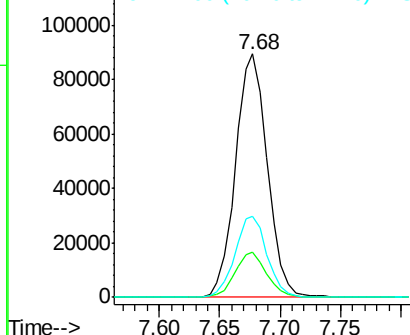
99 100

42 18.7 20.5 30.7#

71 33.4 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: 20.00 ng

RT: 11.36 min Scan# 1305

Delta R.T. -0.04 min

Lab File: BG027395.D

Acq: 13 Jun 2017 21:00

Tgt Ion: 136 Resp: 212379

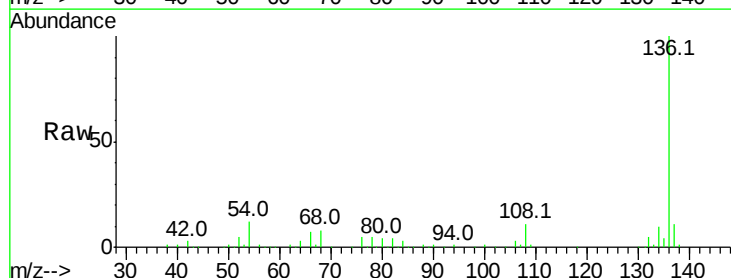
Ion Ratio Lower Upper

136 100

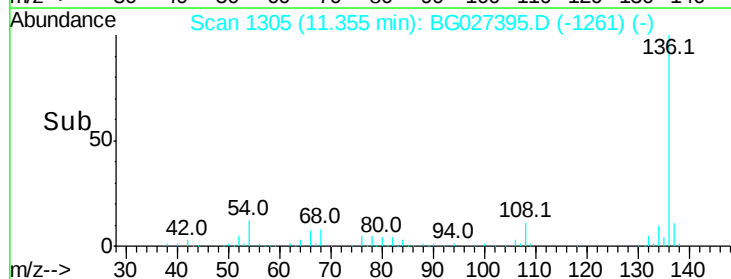
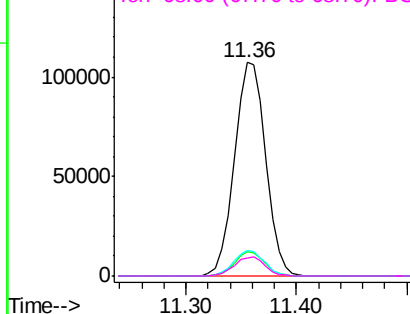
137 11.4 8.9 13.3

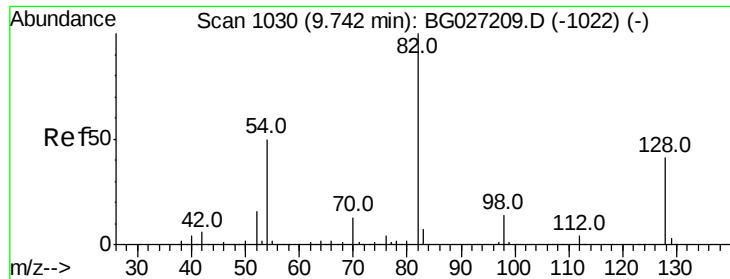
54 11.8 9.3 13.9

68 8.1 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

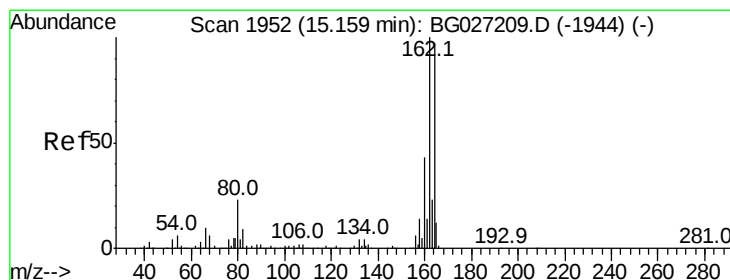
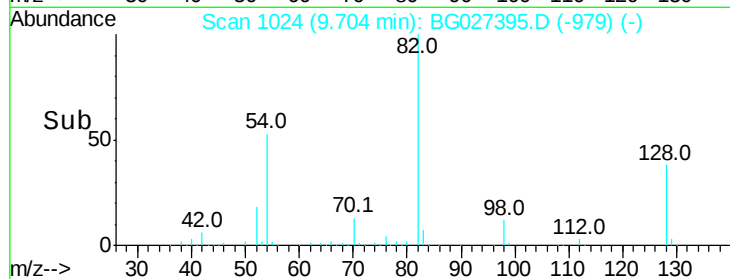
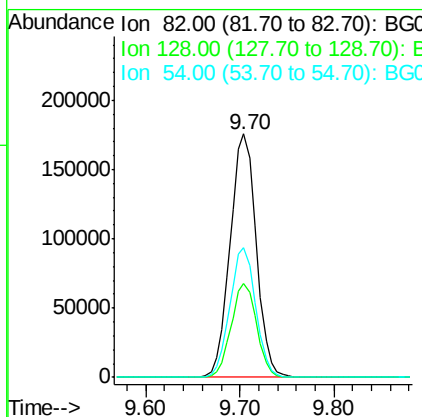
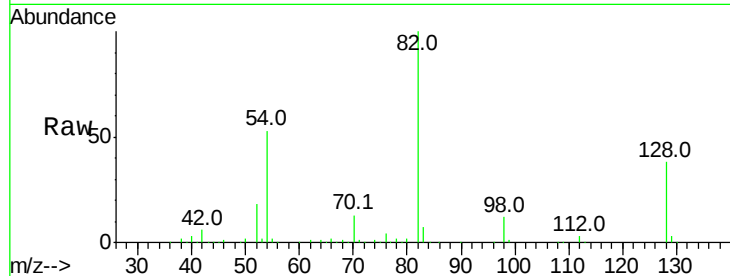




#23
 Nitrobenzene-d5
 Concen: 100.19 ng
 RT: 9.70 min Scan# 1024
 Delta R.T. -0.04 min
 Lab File: BG027395.D
 Acq: 13 Jun 2017 21:00

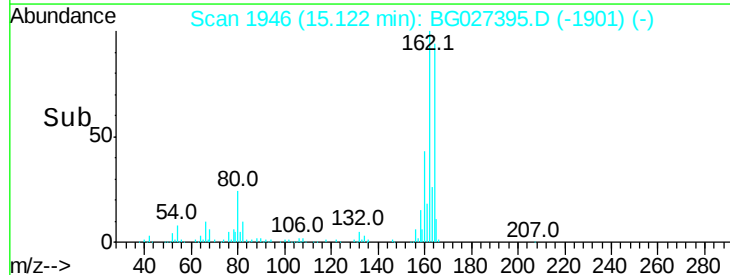
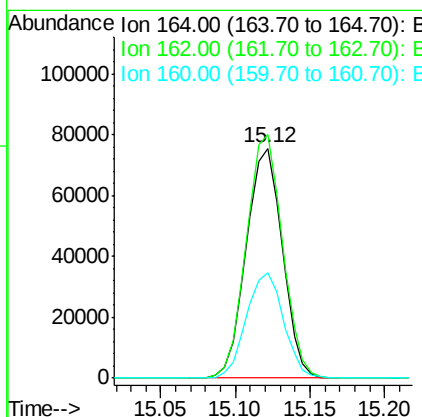
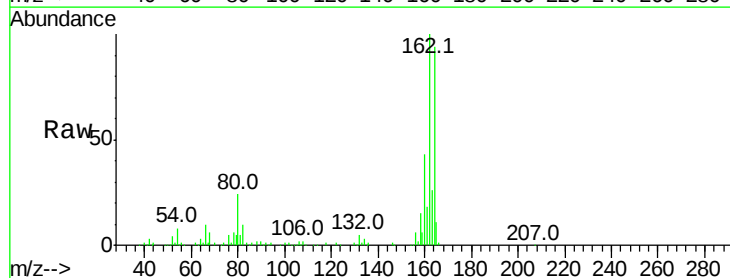
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.4	26.4	39.6
54	53.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: BG027395.D
 Acq: 13 Jun 2017 21:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	85.1	127.7
160	45.8	34.7	52.1

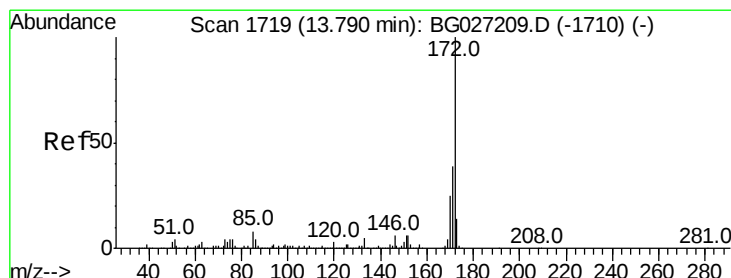
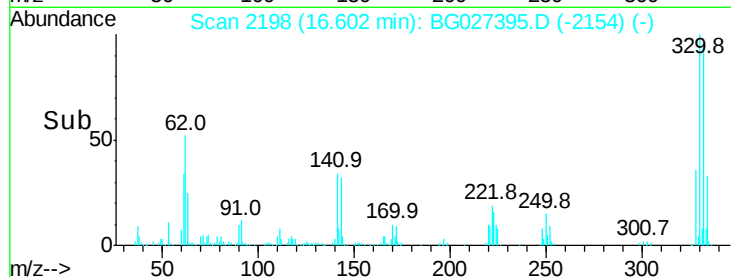
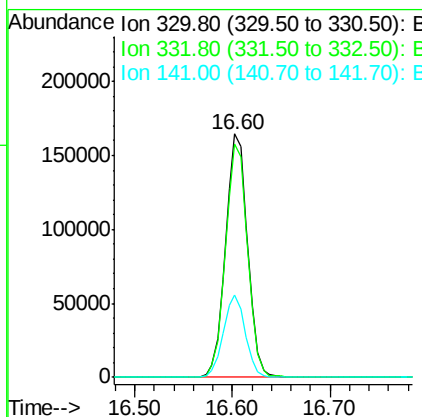
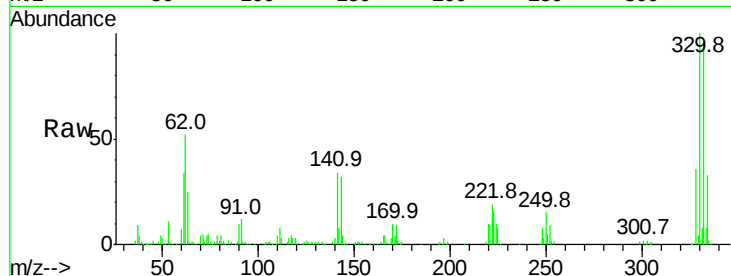




#41
 2,4,6-Tribromophenol
 Concen: 154.52 ng
 RT: 16.60 min Scan# 2198
 Delta R.T. -0.04 min
 Lab File: BG027395.D
 Acq: 13 Jun 2017 21:00

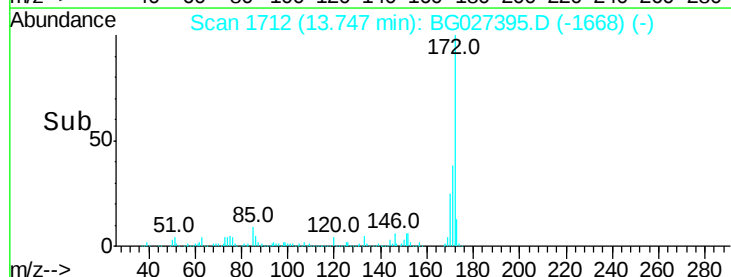
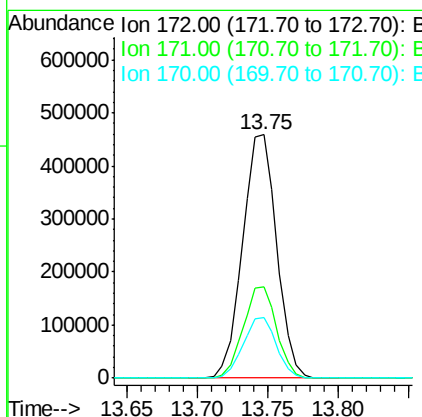
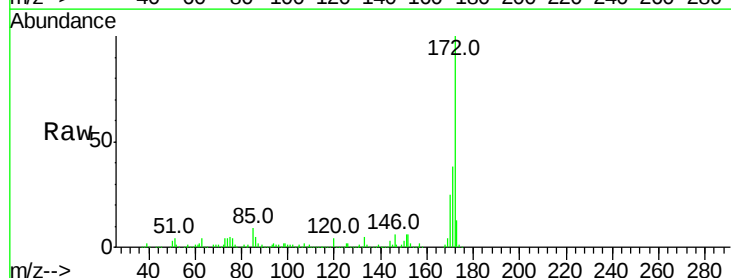
Instrument :
 BNA_G
 ClientSampled :

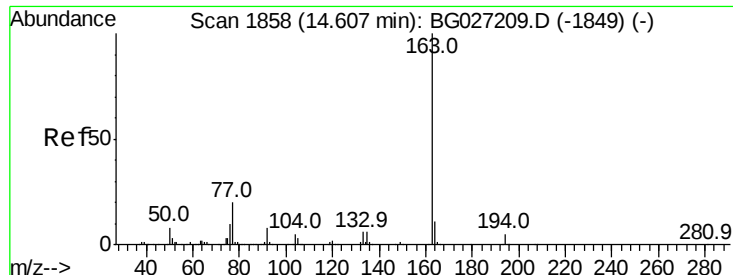
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	33.7	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 85.76 ng
 RT: 13.75 min Scan# 1712
 Delta R.T. -0.04 min
 Lab File: BG027395.D
 Acq: 13 Jun 2017 21:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	32.2	48.2
170	24.6	21.8	32.6

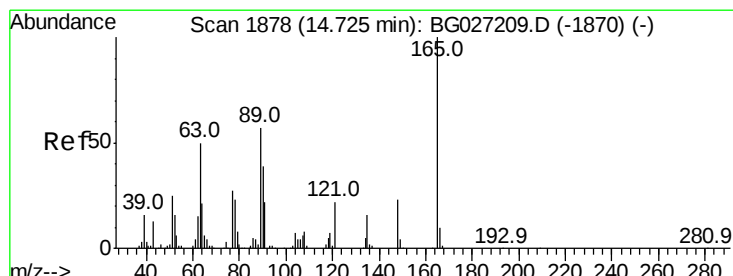
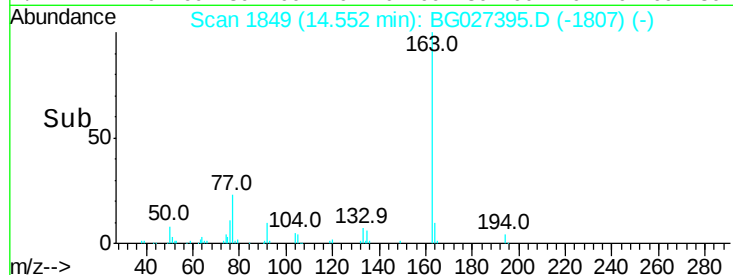
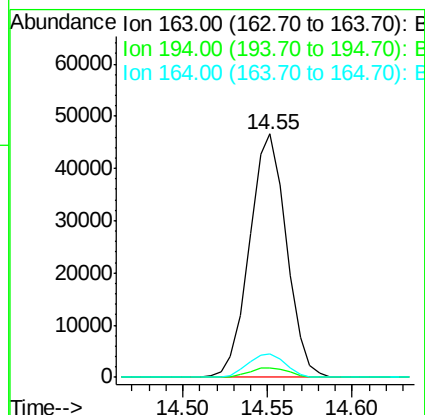
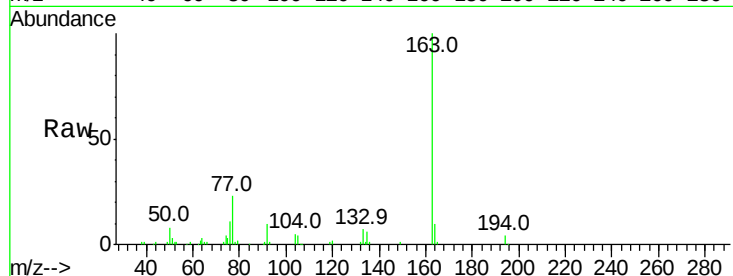




#49
Dimethylphthalate
Concen: 7.08 ng
RT: 14.55 min Scan# 1849
Delta R.T. -0.06 min
Lab File: BG027395.D
Acq: 13 Jun 2017 21:00

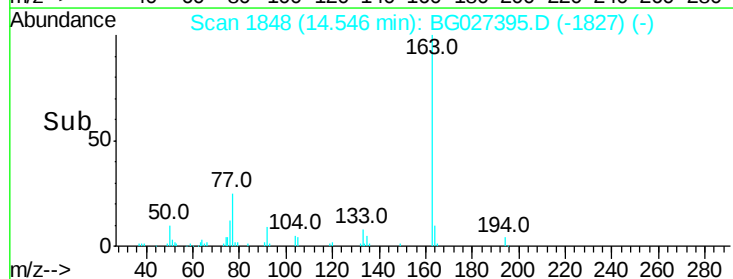
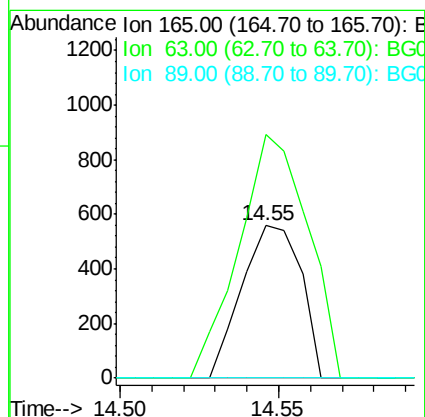
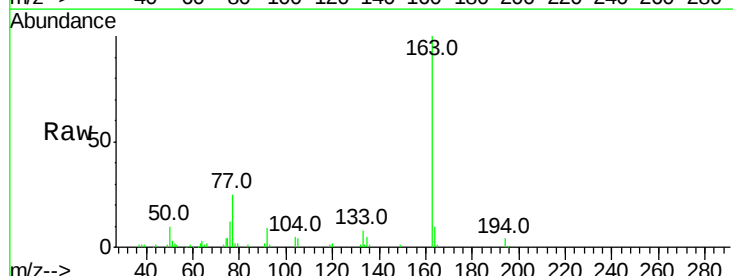
Instrument :
BNA_G
ClientSampleId :

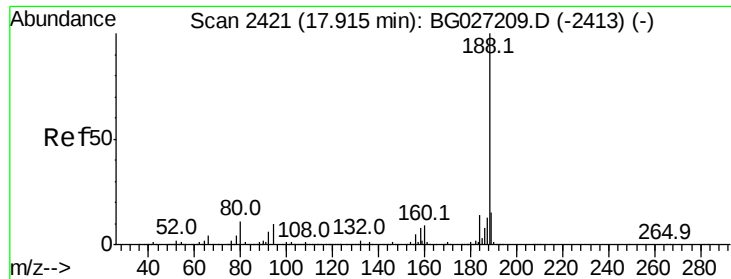
Tot Ion:163 Resp: 70863
Ion Ratio Lower Upper
163 100
194 3.7 3.8 5.6#
164 9.7 9.3 13.9



#50
2,6-Dinitrotoluene
Concen: 5.93 ng
RT: 14.55 min Scan# 1848
Delta R.T. -0.18 min
Lab File: BG027395.D
Acq: 13 Jun 2017 21:00

Tgt Ion:165 Resp: 724
Ion Ratio Lower Upper
165 100
63 159.6 63.9 95.9#
89 0.0 58.6 88.0#

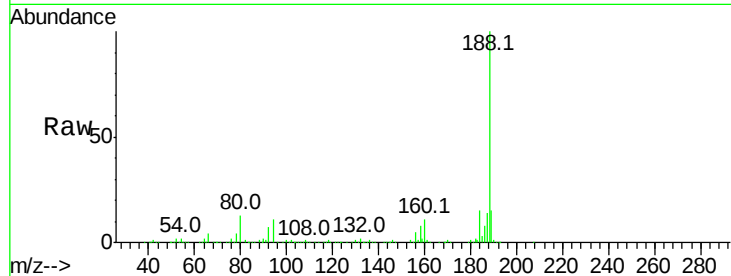




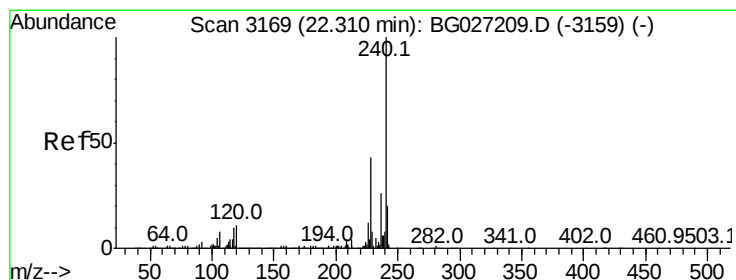
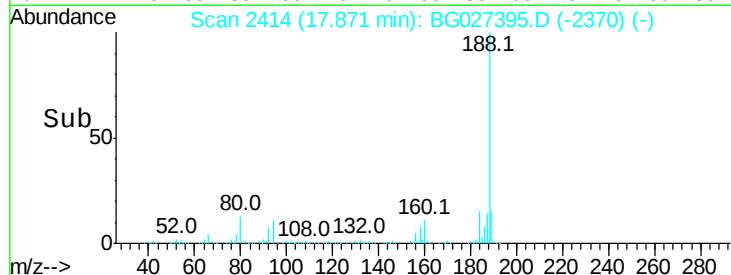
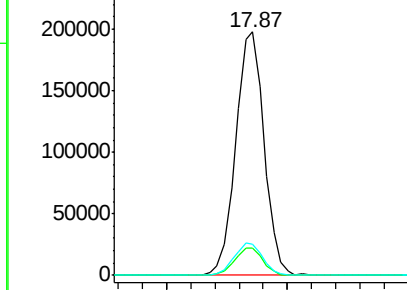
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.87 min Scan# 2414
Delta R.T. -0.04 min
Lab File: BG027395.D
Acq: 13 Jun 2017 21:00

Instrument :
BNA_G
ClientSampled :

Tot Ion:188 Resp: 323324
Ion Ratio Lower Upper
188 100
94 11.2 5.8 8.8#
80 13.0 7.5 11.3#

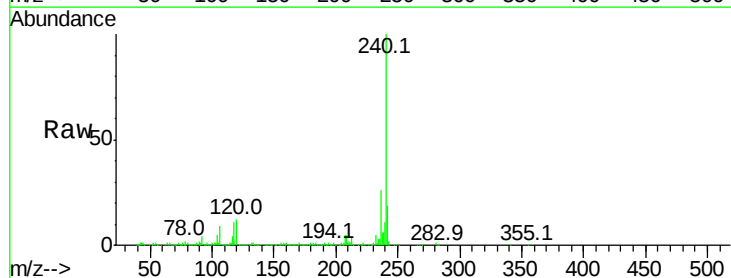


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

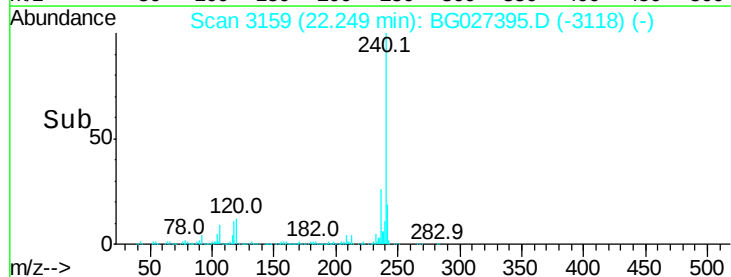
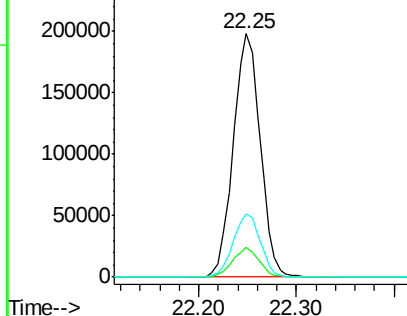


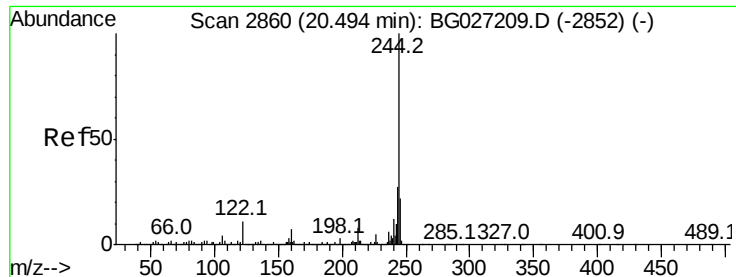
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.25 min Scan# 3159
Delta R.T. -0.06 min
Lab File: BG027395.D
Acq: 13 Jun 2017 21:00

Tgt Ion:240 Resp: 380269
Ion Ratio Lower Upper
240 100
120 12.1 5.7 8.5#
236 25.9 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





#78

Terphenyl-d14

Concen: 99.09 ng

RT: 20.44 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027395.D

Acq: 13 Jun 2017 21:00

Instrument :

BNA_G

ClientSampleId :

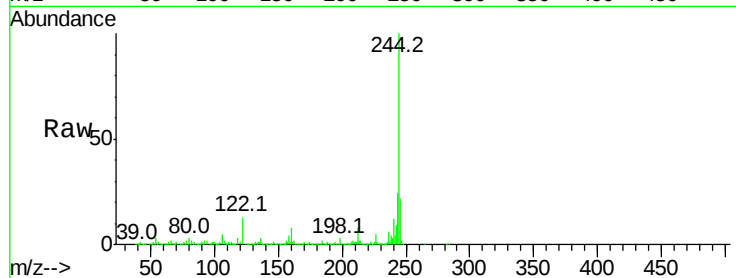
Tot Ion:244 Resp: 1477074

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

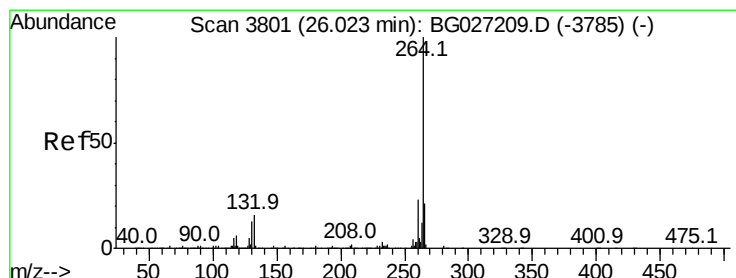
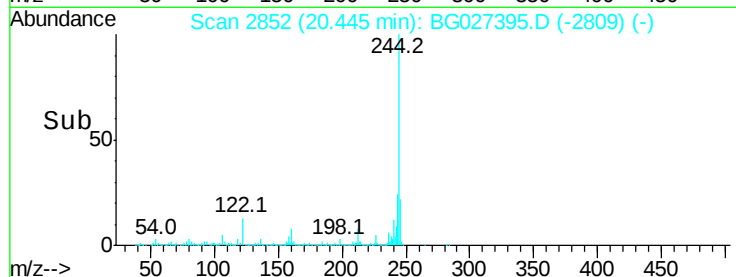
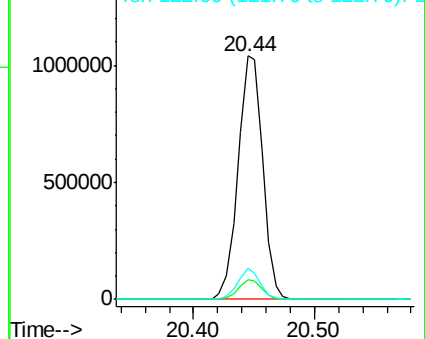
122 12.6 8.6 12.8



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: 20.00 ng

RT: 25.91 min Scan# 3783

Delta R.T. -0.11 min

Lab File: BG027395.D

Acq: 13 Jun 2017 21:00

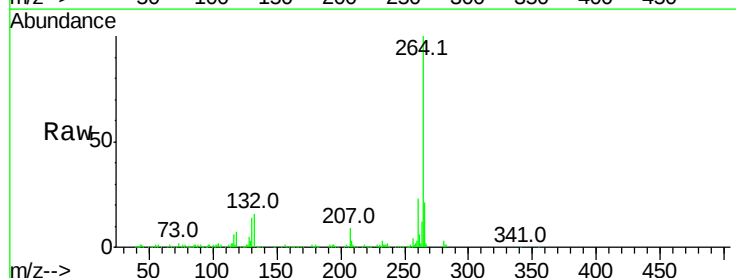
Tgt Ion:264 Resp: 364993

Ion Ratio Lower Upper

264 100

260 23.3 21.8 32.8

265 21.4 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

