

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036435.D
 Acq On : 27 Aug 2018 17:21
 Operator : JU/SJ
 Sample : J4556-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20180532-COMPOSITE-(GHI)

Quant Time: Aug 27 17:57:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

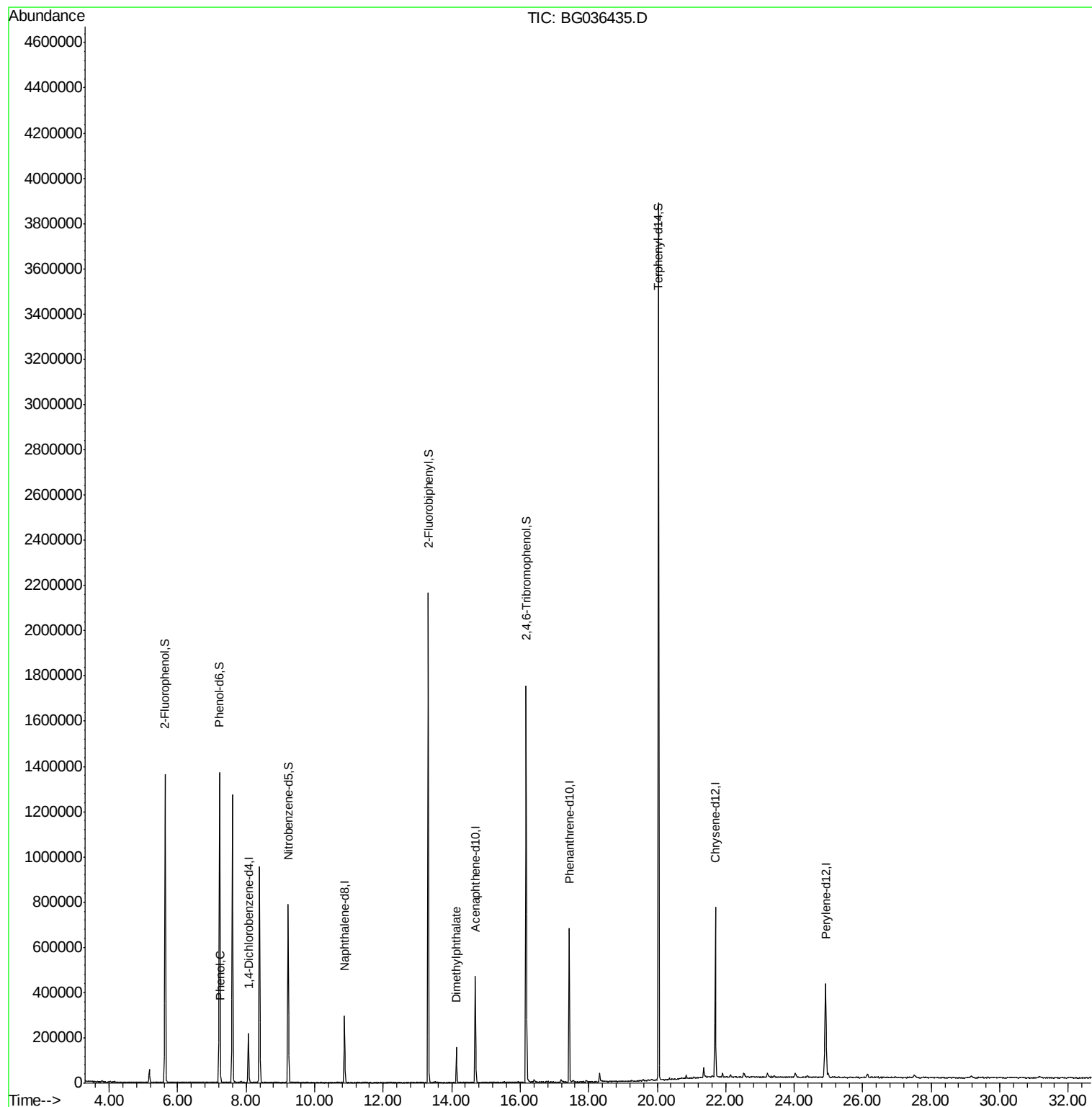
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	61488	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	248308	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	163211	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	409987	20.00	ng	0.00
75) Chrysene-d12	21.70	240	440016	20.00	ng	-0.01
86) Perylene-d12	24.92	264	447895	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	556905	143.67	ng	0.00
7) Phenol-d6	7.22	99	783604	141.20	ng	0.00
23) Nitrobenzene-d5	9.22	82	468709	102.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	326314	167.56	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1093311	95.65	ng	-0.01
78) Terphenyl-d14	20.04	244	1759162	93.45	ng	-0.01
Target Compounds						
10) Phenol	7.25	94	13343	2.297	ng	96
49) Dimethylphthalate	14.14	163	101880	7.645	ng	99

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

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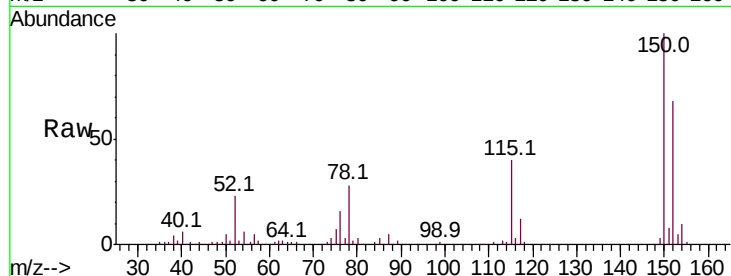


#1

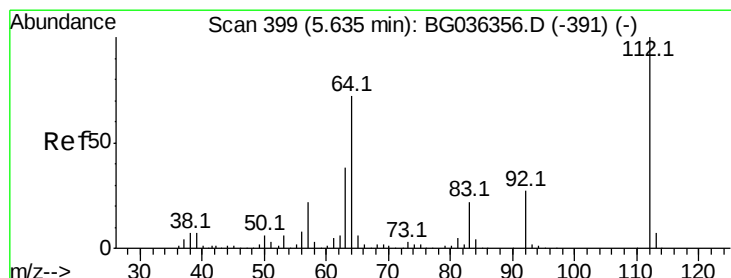
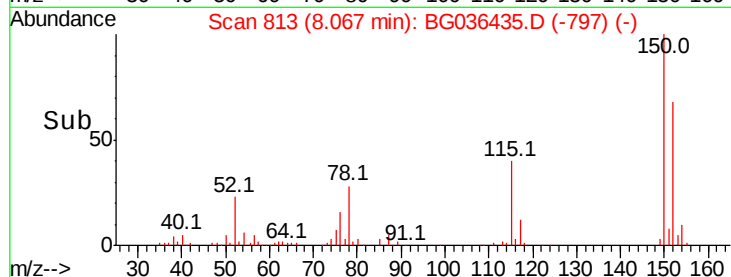
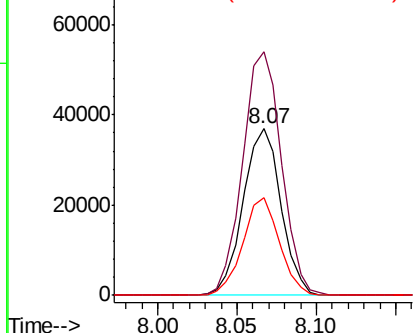
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG036435.D
 Acq: 27 Aug 2018 17:21

Instrument :
 BNA_G
 ClientSampleId :
 20180532-COMPOSITE-(GHI)

Tot Ion:152 Resp: 61488
 Ion Ratio Lower Upper
 152 100
 150 146.0 119.5 179.3
 115 58.5 44.5 66.7



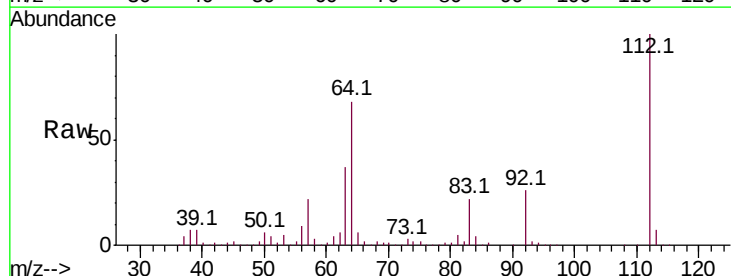
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



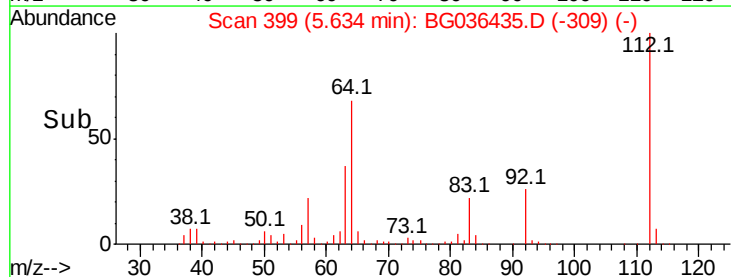
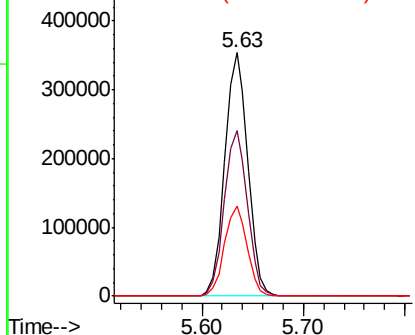
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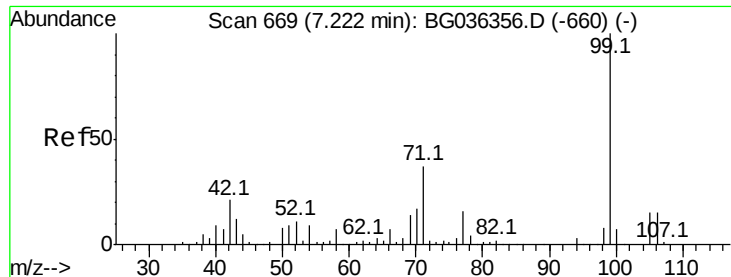
2-Fluorophenol
 Concen: 143.673 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG036435.D
 Acq: 27 Aug 2018 17:21

Tgt Ion:112 Resp: 556905
 Ion Ratio Lower Upper
 112 100
 64 68.0 57.2 85.8
 63 37.1 30.8 46.2



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





#7

Phenol-d6

Concen: 141.196 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036435.D

Acq: 27 Aug 2018 17:21

Instrument :

BNA_G

ClientSampleId :

20180532-COMPOSITE-(GHI)

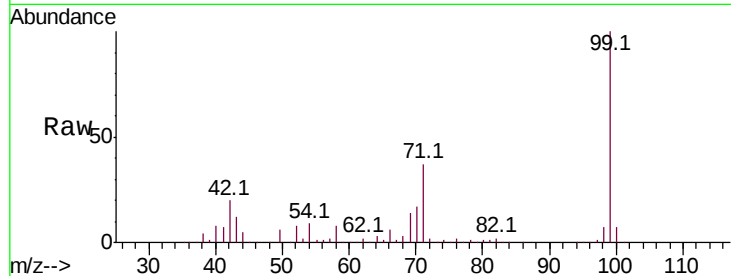
Tot Ion: 99 Resp: 783604

Ion Ratio Lower Upper

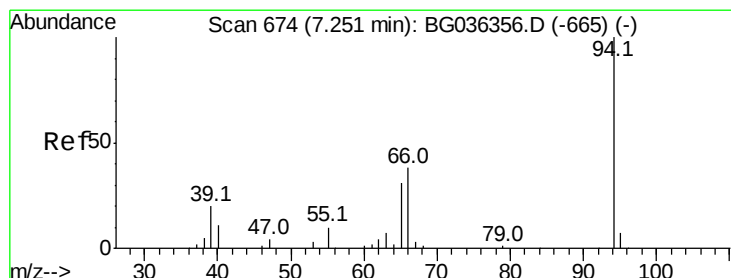
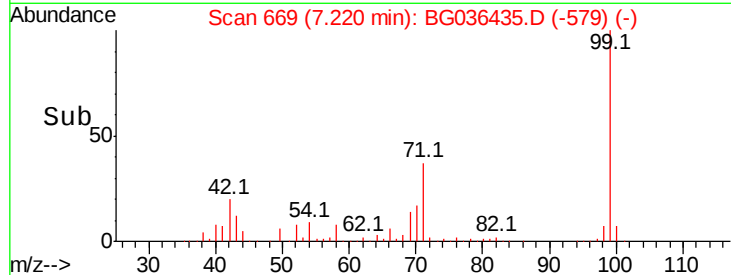
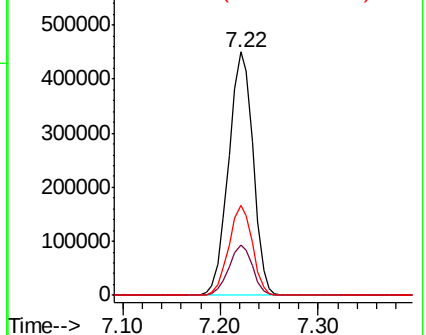
99 100

42 20.4 16.5 24.7

71 36.9 29.4 44.2



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



#10

Phenol

Concen: 2.297 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG036435.D

Acq: 27 Aug 2018 17:21

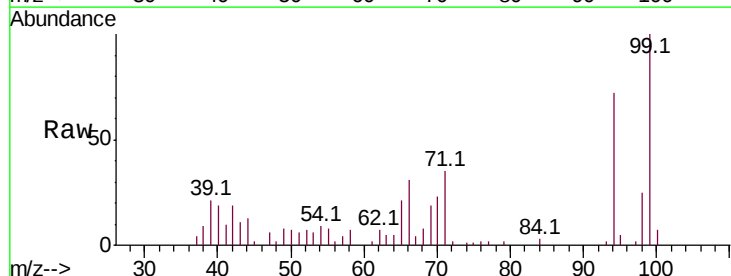
Tgt Ion: 94 Resp: 13343

Ion Ratio Lower Upper

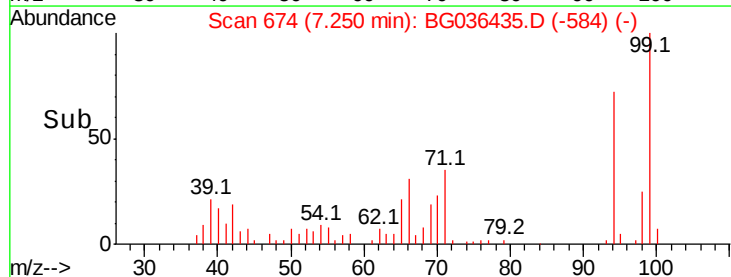
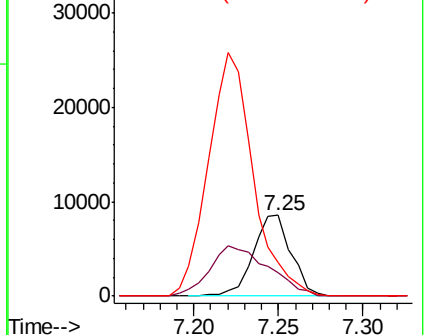
94 100

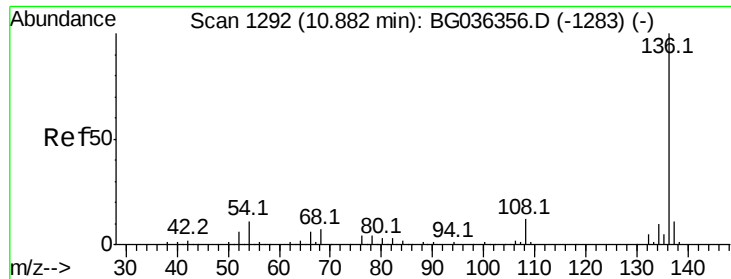
65 29.2 11.5 51.5

66 42.3 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

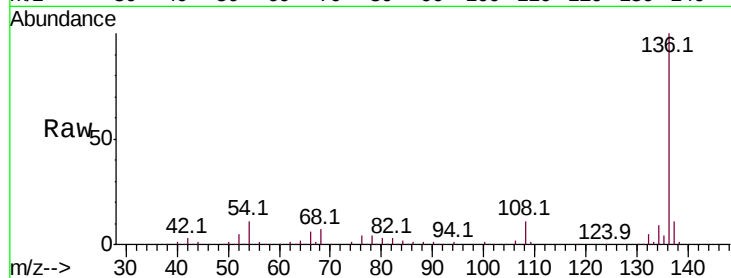




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036435.D
Acq: 27 Aug 2018 17:21

Instrument :
BNA_G
ClientSampleId :
20180532-COMPOSITE-(GHI)

Tot Ion:	136	Resp:	248308
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.7	9.2	13.8
68	6.7	5.8	8.6



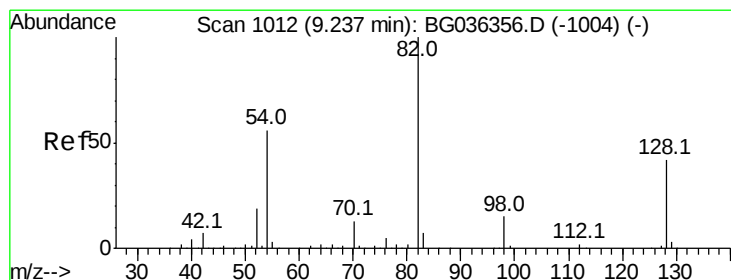
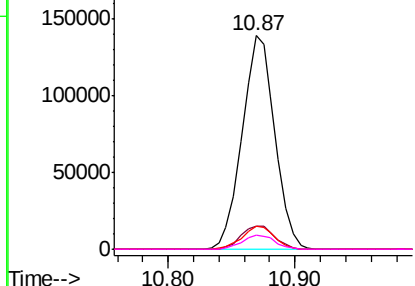
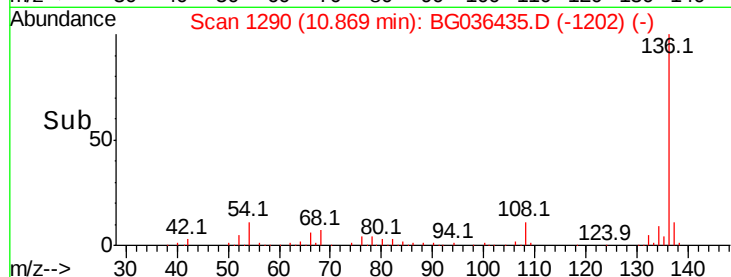
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

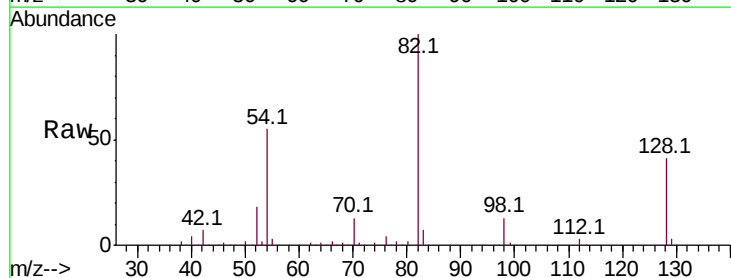
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 102.416 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036435.D
Acq: 27 Aug 2018 17:21

Tgt Ion:	82	Resp:	468709
Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.3	49.9
54	54.6	45.1	67.7

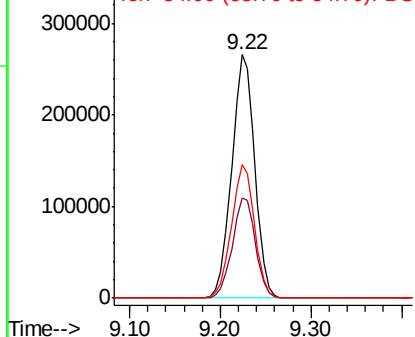
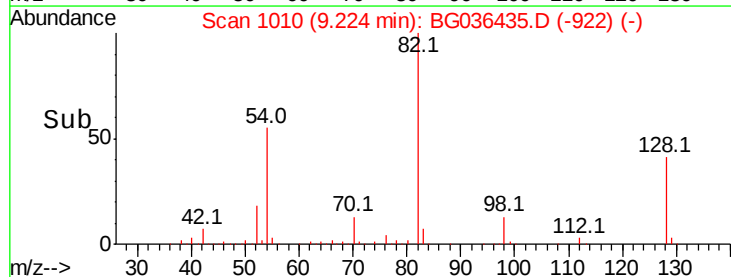


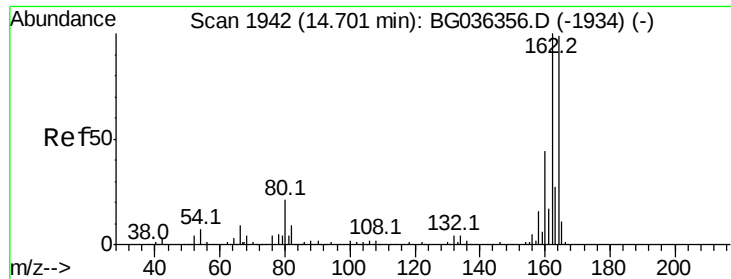
Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

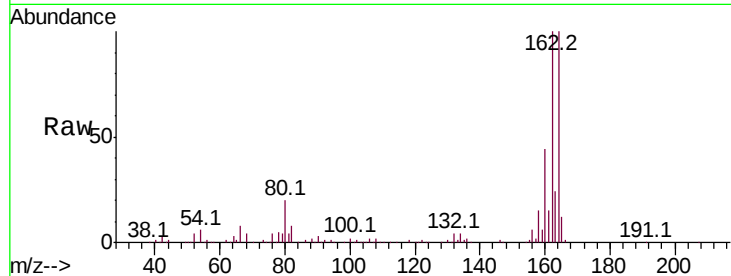




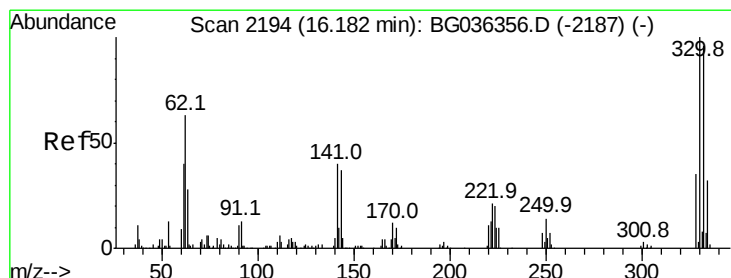
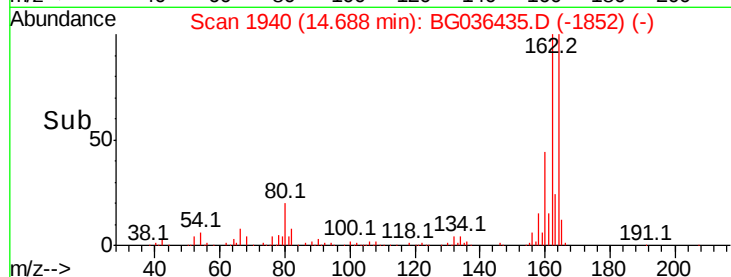
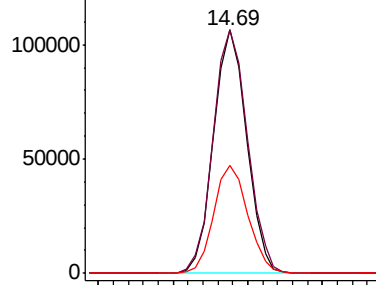
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036435.D
 Acq: 27 Aug 2018 17:21

Instrument :
 BNA_G
 ClientSampleId :
 20180532-COMPOSITE-(GHI)

Tot Ion:164 Resp: 163211
 Ion Ratio Lower Upper
 164 100
 162 99.9 80.7 121.1
 160 44.4 35.3 52.9

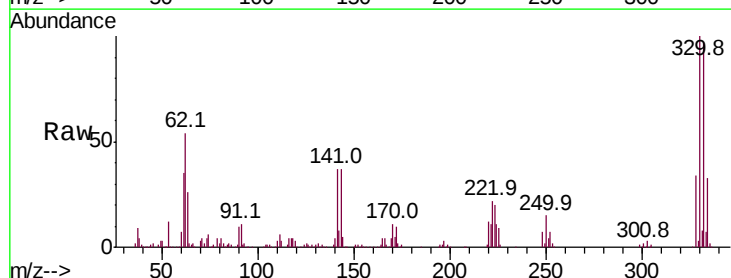


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

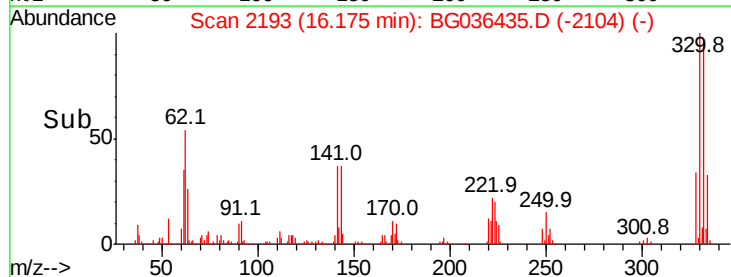
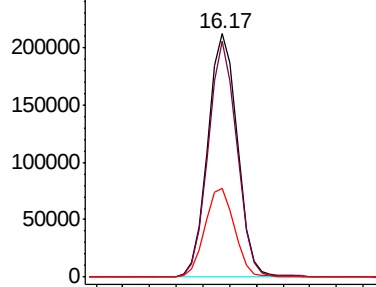


#41
 2,4,6-Tribromophenol
 Concen: 167.558 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036435.D
 Acq: 27 Aug 2018 17:21

Tgt Ion:330 Resp: 326314
 Ion Ratio Lower Upper
 330 100
 332 94.2 75.4 113.2
 141 37.0 30.7 46.1



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



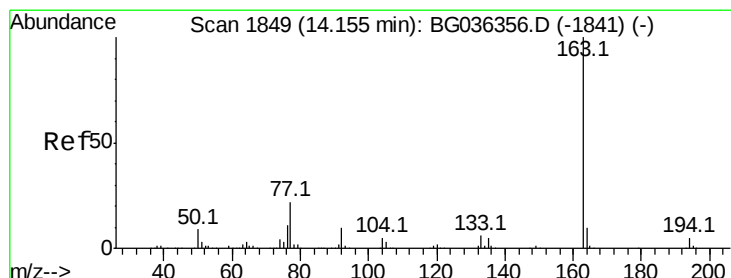
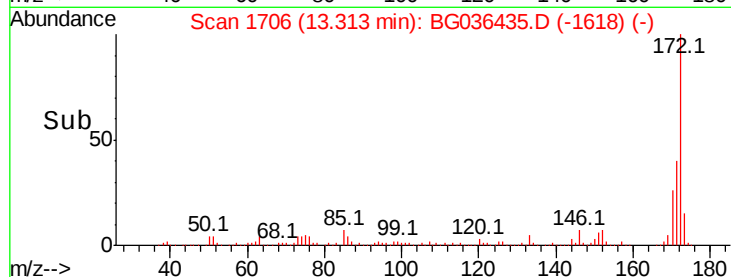
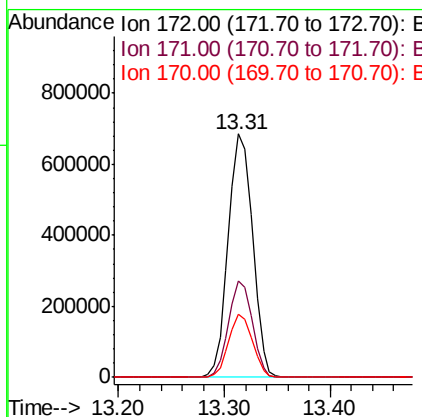
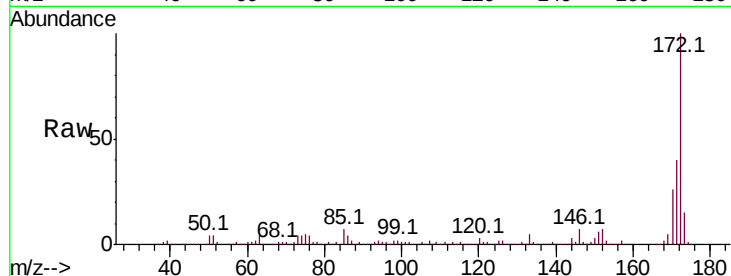


#44
 2-Fluorobiphenyl
 Concen: 95.646 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036435.D
 Acq: 27 Aug 2018 17:21

Instrument :
 BNA_G
 ClientSampleId :
 20180532-COMPOSITE-(GHI)

Tot Ion:172 Resp: 1093311

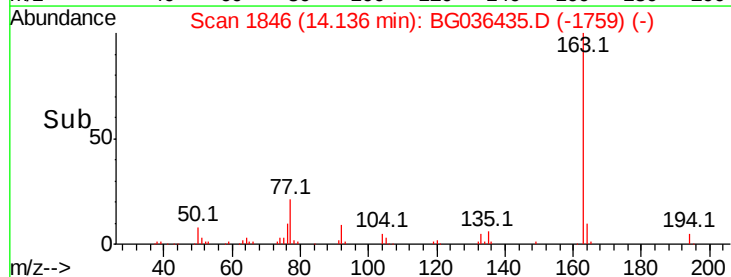
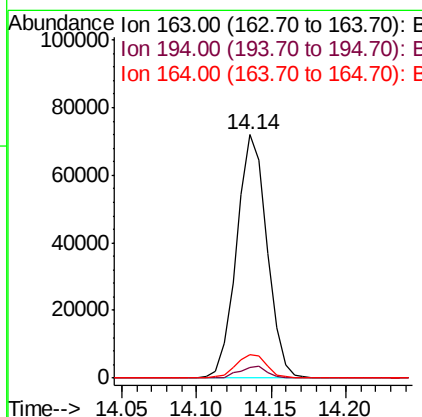
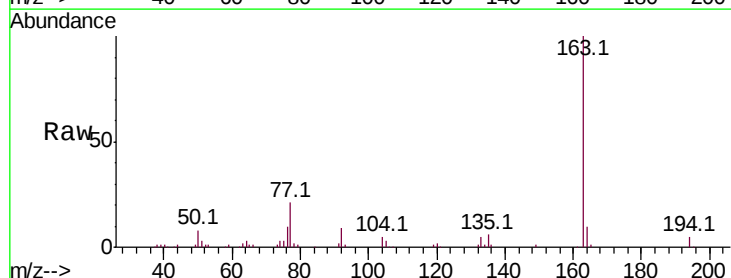
Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.3	46.9
170	26.1	21.0	31.6

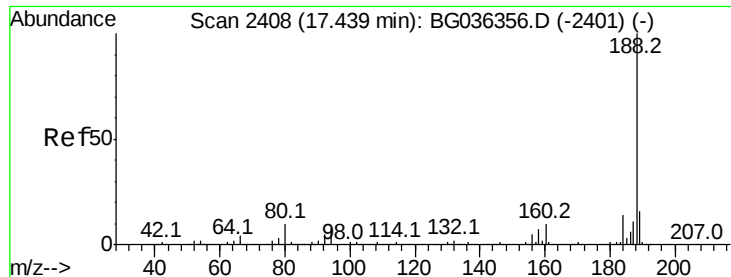


#49
 Dimethylphthalate
 Concen: 7.645 ng
 RT: 14.14 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BG036435.D
 Acq: 27 Aug 2018 17:21

Tgt Ion:163 Resp: 101880

Ion	Ratio	Lower	Upper
163	100		
194	4.6	4.0	6.0
164	9.9	8.1	12.1

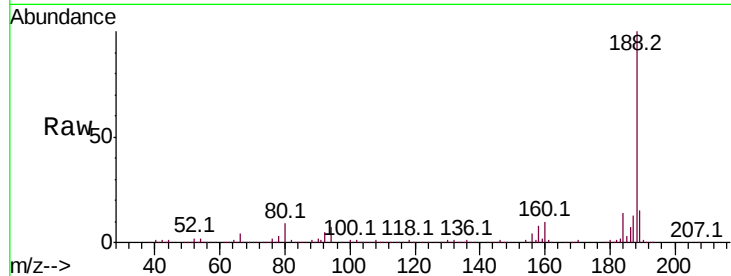




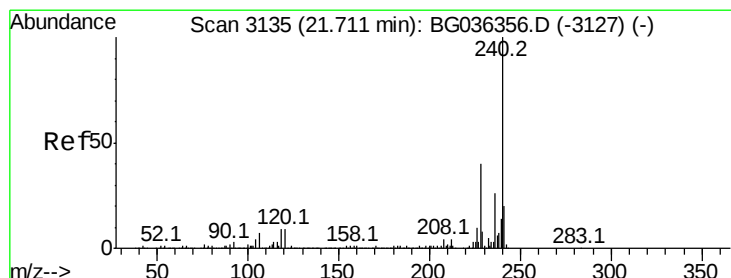
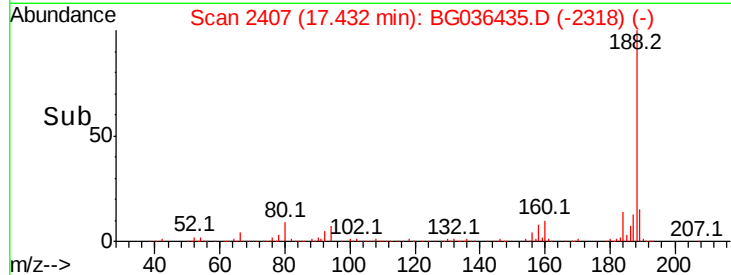
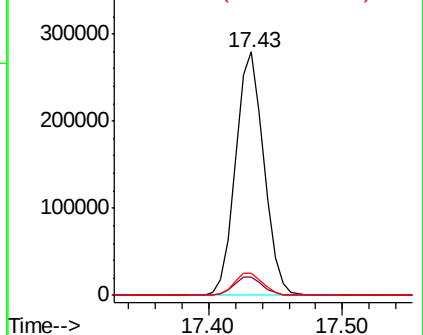
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036435.D
Acq: 27 Aug 2018 17:21

Instrument :
BNA_G
ClientSampleId :
20180532-COMPOSITE-(GHI)

Tot Ion:188 Resp: 409987
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 9.1 8.1 12.1

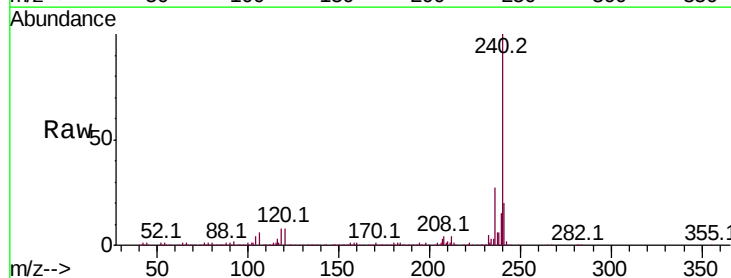


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

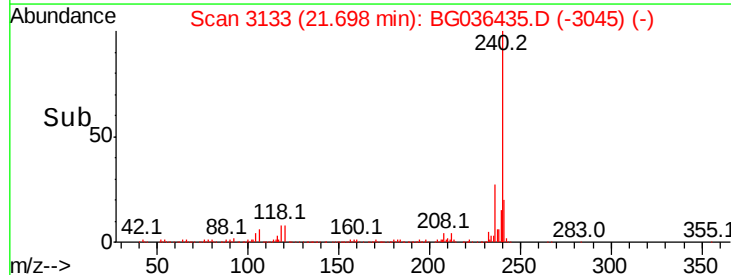
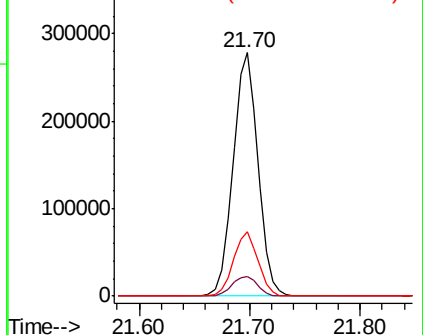


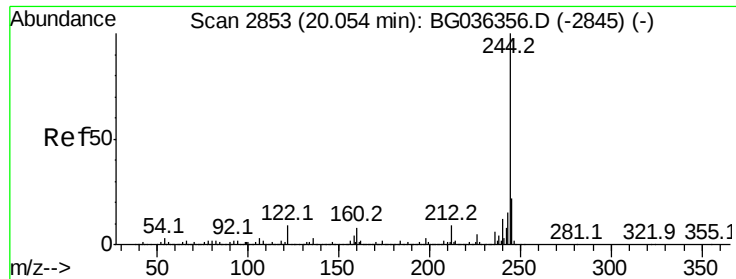
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036435.D
Acq: 27 Aug 2018 17:21

Tgt Ion:240 Resp: 440016
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 26.6 21.2 31.8



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



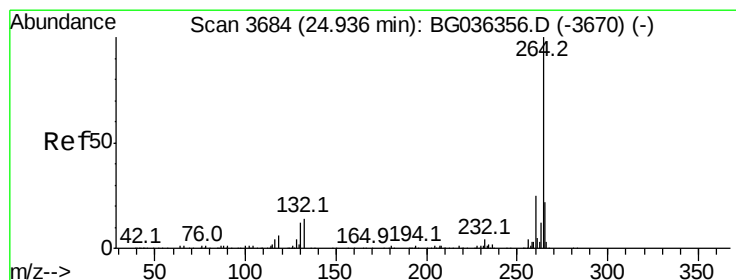
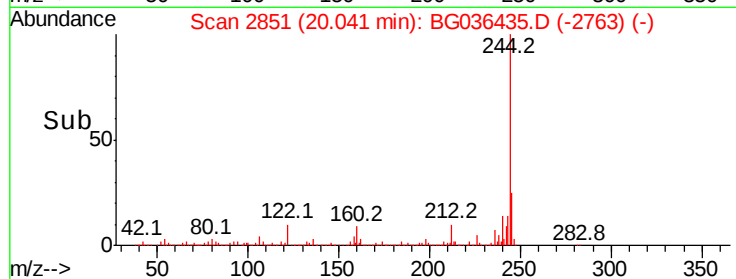
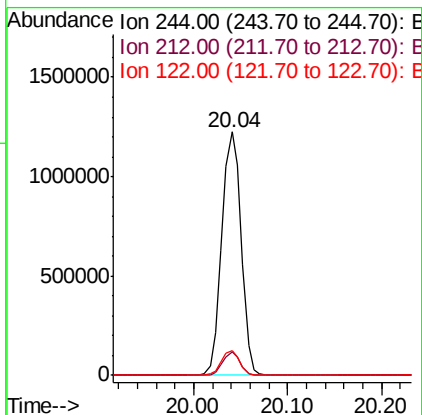
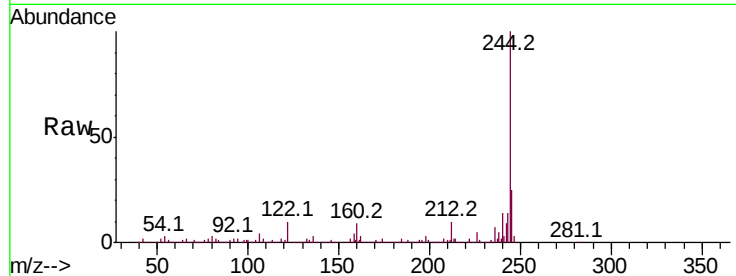


#78
 Terphenyl-d14
 Concen: 93.446 ng
 RT: 20.04 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BG036435.D
 Acq: 27 Aug 2018 17:21

Instrument :
 BNA_G
 ClientSampleId :
 20180532-COMPOSITE-(GHI)

Tot Ion:244 Resp: 1759162

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.0	10.6
122	10.3	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3681
 Delta R.T. -0.02 min
 Lab File: BG036435.D
 Acq: 27 Aug 2018 17:21

Tgt Ion:264 Resp: 447895

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	21.7	17.4	26.0

