

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036436.D
 Acq On : 27 Aug 2018 18:00
 Operator : JU/SJ
 Sample : J4556-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20180531-COMPOSITE-(DEF)

Quant Time: Aug 27 18:45:40 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

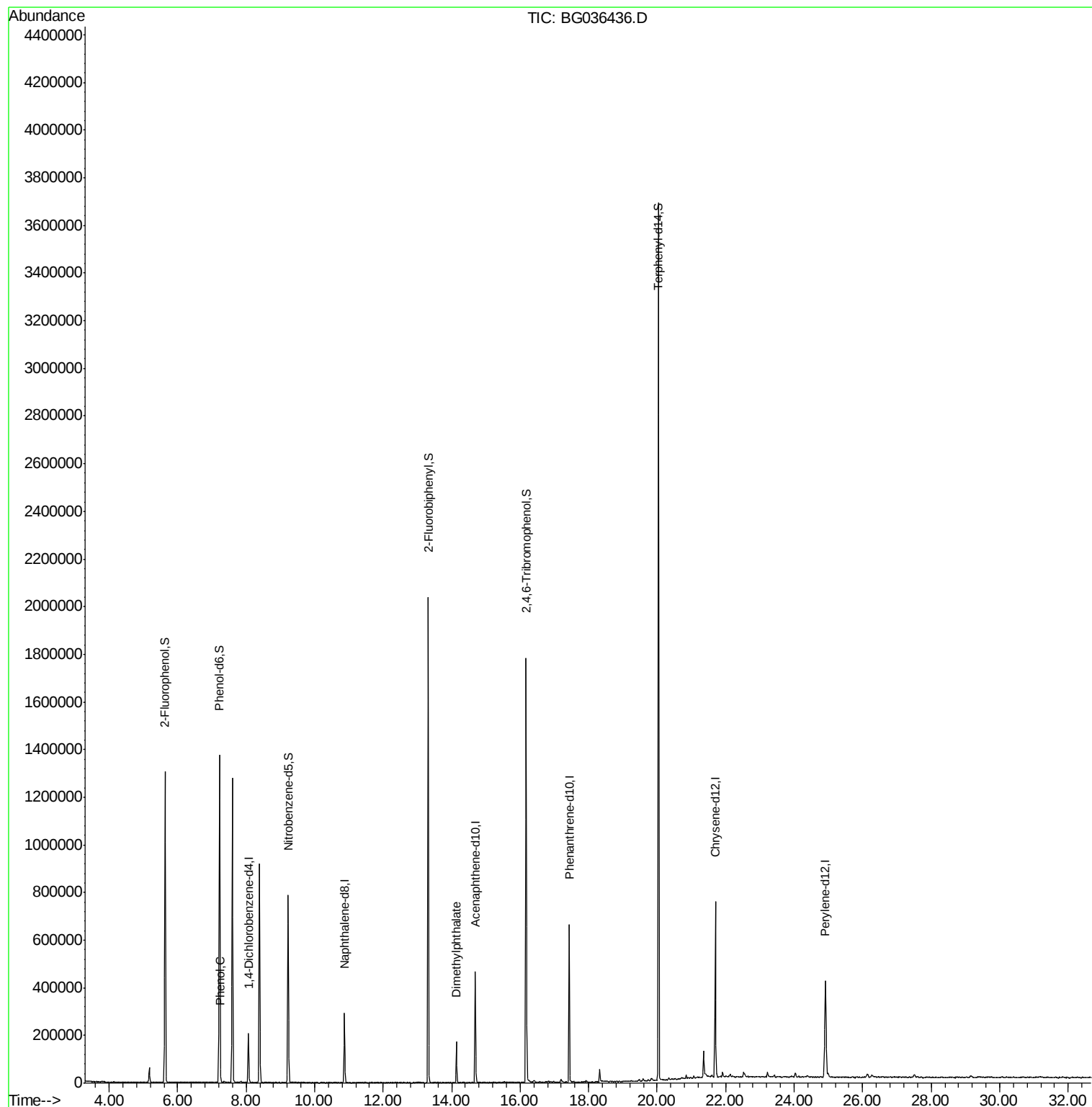
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	57514	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	242358	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	156811	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	399590	20.00	ng	0.00
75) Chrysene-d12	21.70	240	445177	20.00	ng	-0.01
86) Perylene-d12	24.91	264	455805	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	547755	151.08	ng	0.00
7) Phenol-d6	7.22	99	768116	147.97	ng	0.00
23) Nitrobenzene-d5	9.22	82	459125	102.78	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	323212	172.74	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1024147	93.25	ng	-0.01
78) Terphenyl-d14	20.04	244	1685388	88.49	ng	-0.01
Target Compounds						
10) Phenol	7.25	94	12120	2.231	ng	95
49) Dimethylphthalate	14.14	163	111719	8.725	ng	98

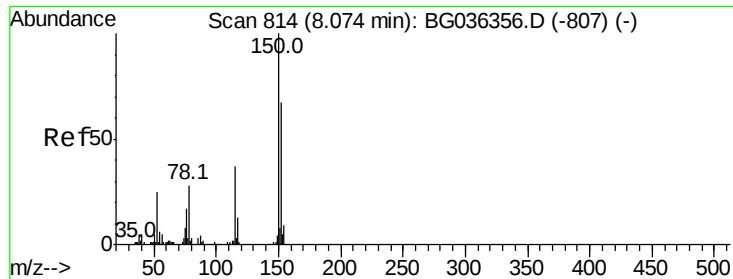
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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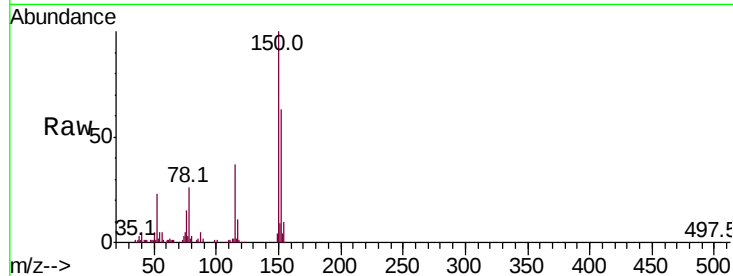


#1

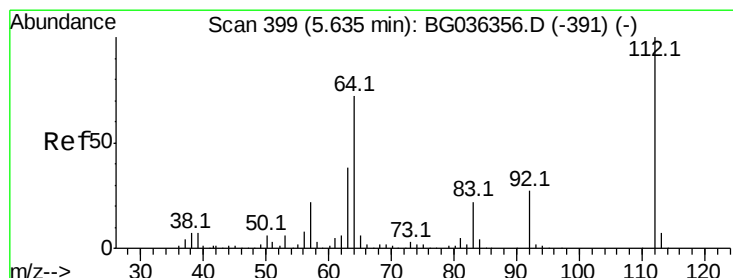
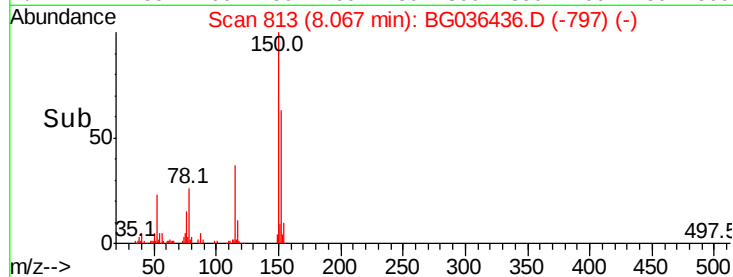
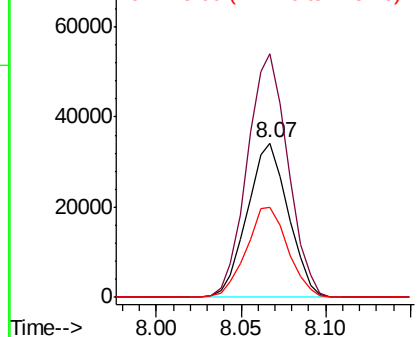
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036436.D
Acq: 27 Aug 2018 18:00

Instrument :
BNA_G
ClientSampleId :
20180531-COMPOSITE-(DEF)

Tot Ion:152 Resp: 57514
Ion Ratio Lower Upper
152 100
150 158.1 119.5 179.3
115 58.7 44.5 66.7



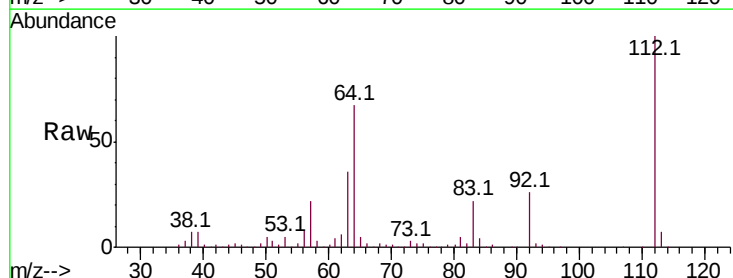
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



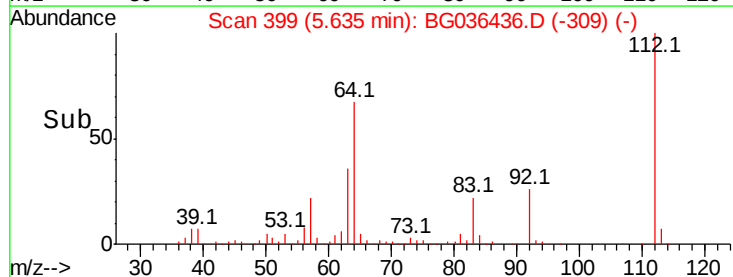
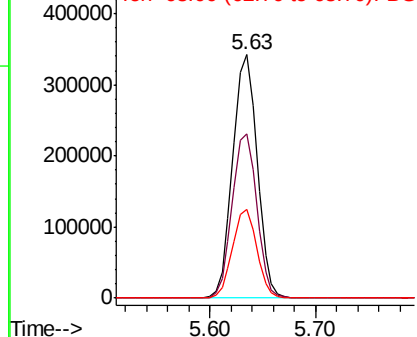
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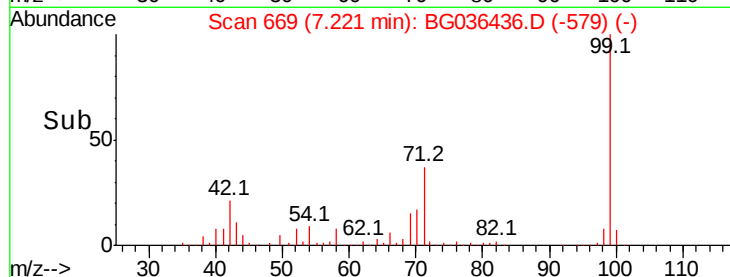
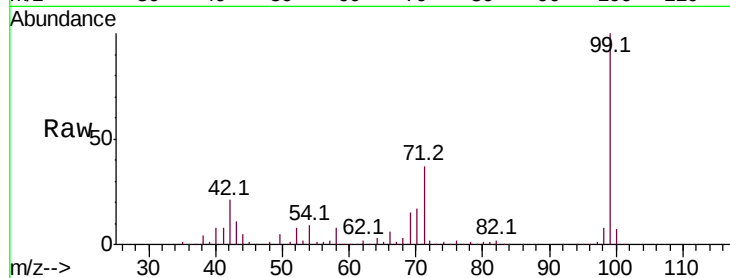
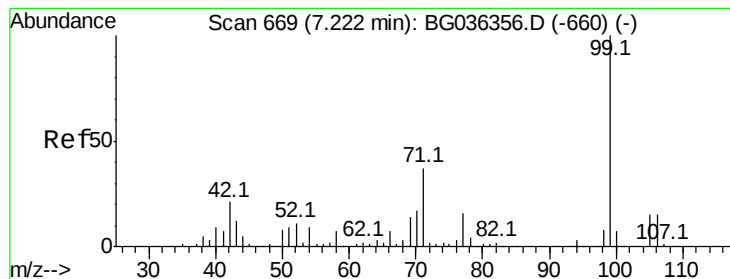
2-Fluorophenol
Concen: 151.076 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036436.D
Acq: 27 Aug 2018 18:00

Tgt Ion:112 Resp: 547755
Ion Ratio Lower Upper
112 100
64 67.2 57.2 85.8
63 36.5 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: 147.968 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036436.D

Acq: 27 Aug 2018 18:00

Instrument :

BNA_G

ClientSampleId :

20180531-COMPOSITE-(DEF)

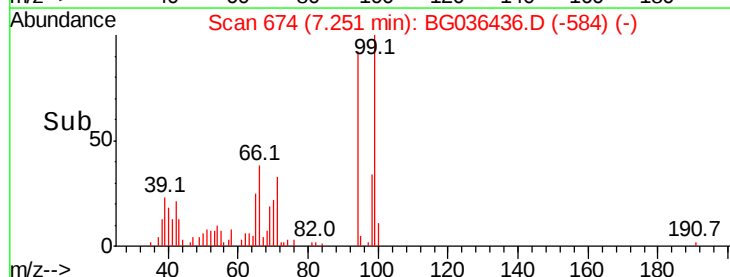
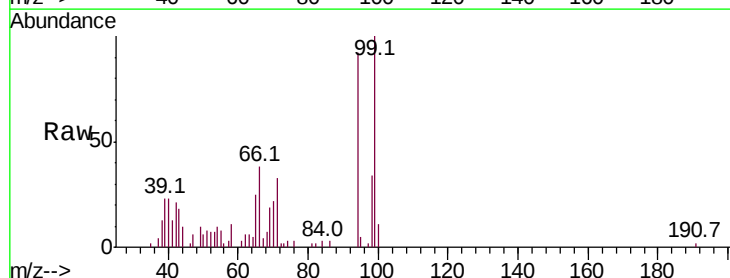
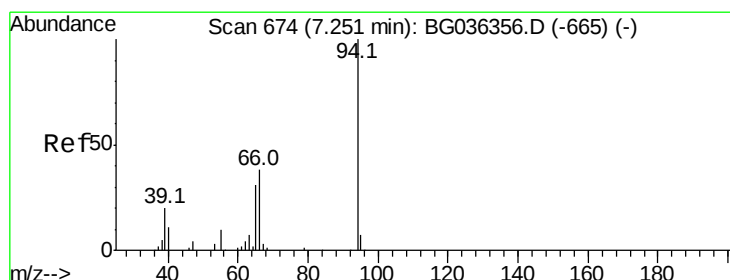
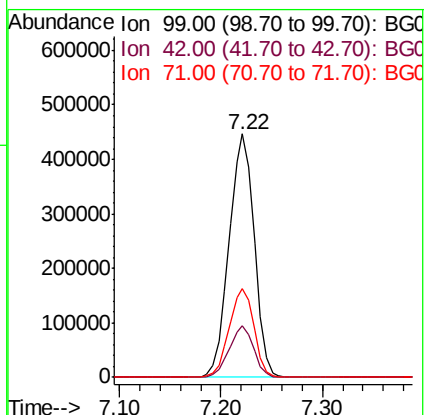
Tot Ion: 99 Resp: 768116

Ion Ratio Lower Upper

99 100

42 21.0 16.5 24.7

71 36.6 29.4 44.2



#10

Phenol

Concen: 2.231 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG036436.D

Acq: 27 Aug 2018 18:00

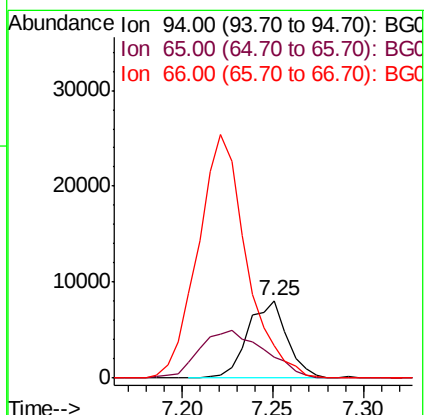
Tgt Ion: 94 Resp: 12120

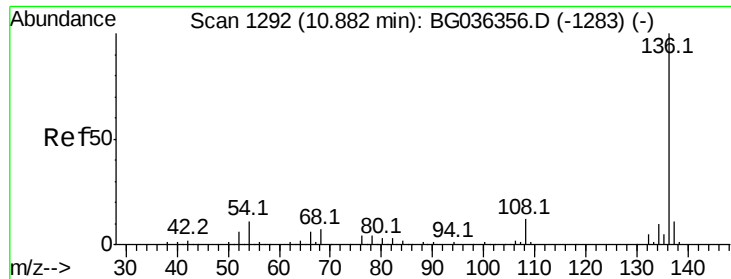
Ion Ratio Lower Upper

94 100

65 27.3 11.5 51.5

66 41.1 19.5 59.5

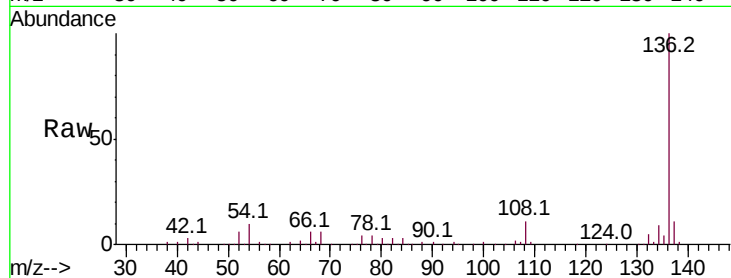




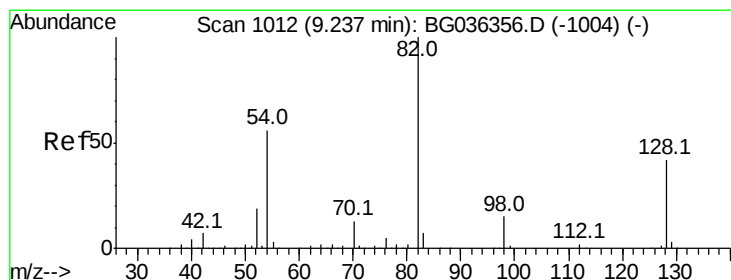
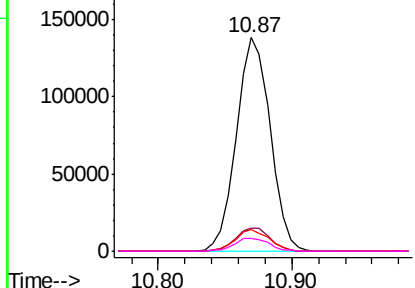
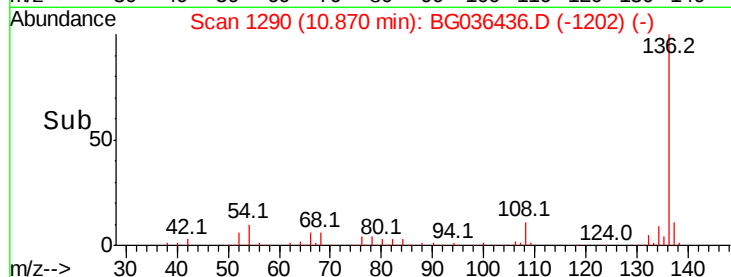
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036436.D
Acq: 27 Aug 2018 18:00

Instrument :
BNA_G
ClientSampleId :
20180531-COMPOSITE-(DEF)

Tot Ion:	136	Resp:	242358
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.2	9.2	13.8
68	5.9	5.8	8.6

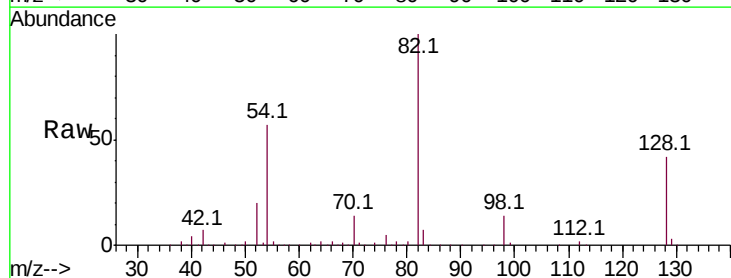


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

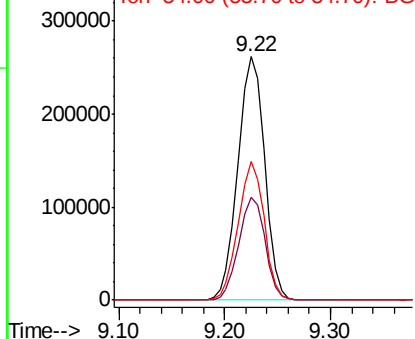
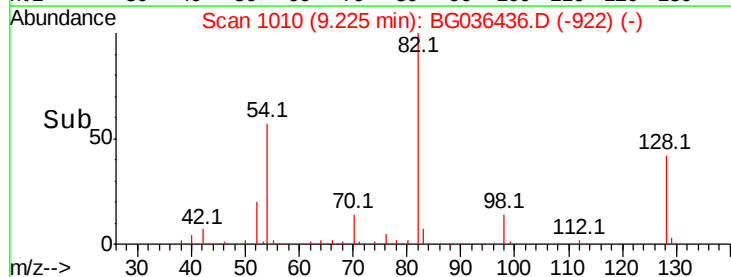


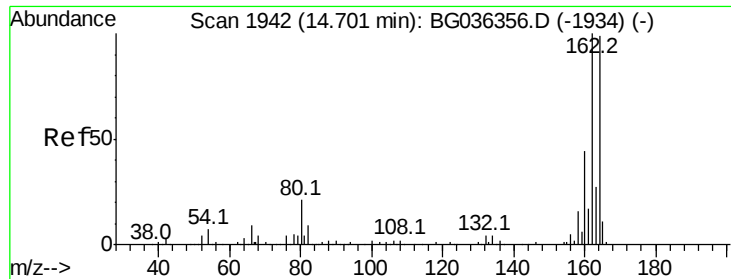
#23
Nitrobenzene-d5
Concen: 102.784 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036436.D
Acq: 27 Aug 2018 18:00

Tgt Ion:	82	Resp:	459125
Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.3	49.9
54	56.9	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

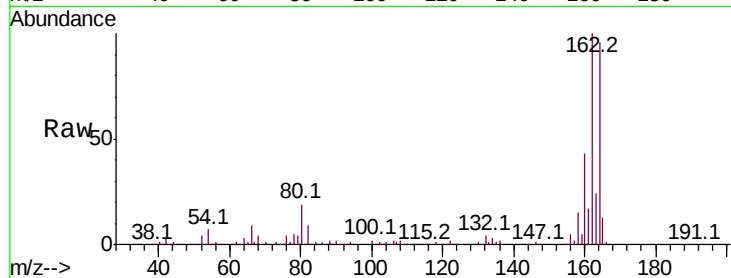




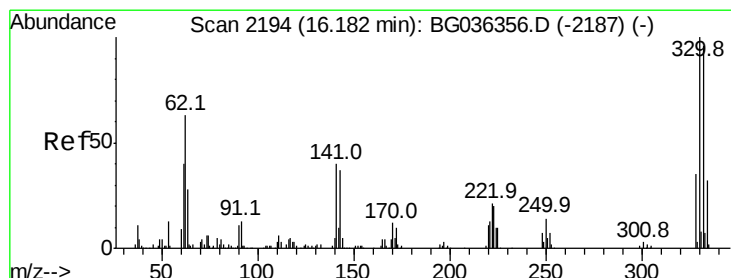
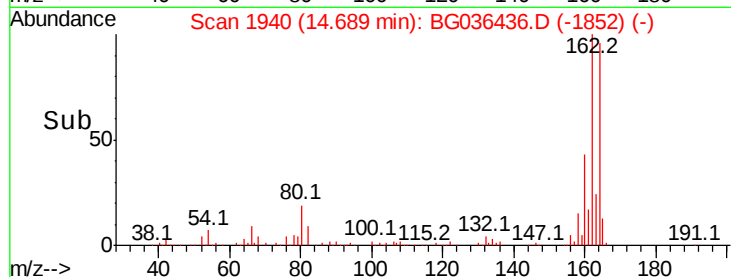
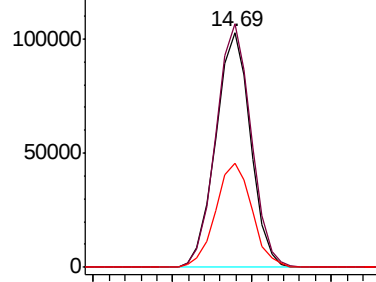
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036436.D
 Acq: 27 Aug 2018 18:00

Instrument :
 BNA_G
 ClientSampleId :
 20180531-COMPOSITE-(DEF)

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.7	121.1
160	44.4	35.3	52.9

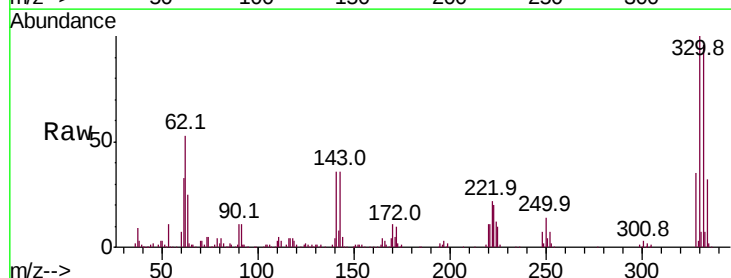


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

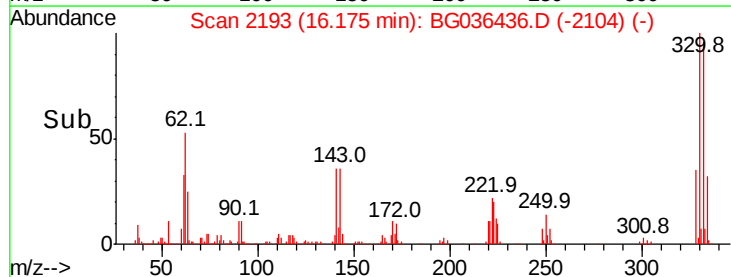
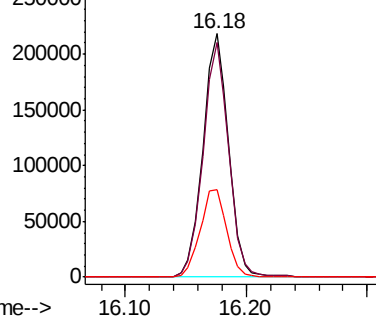


#41
 2,4,6-Tribromophenol
 Concen: 172.739 ng
 RT: 16.18 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036436.D
 Acq: 27 Aug 2018 18:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.4	113.2
141	37.5	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



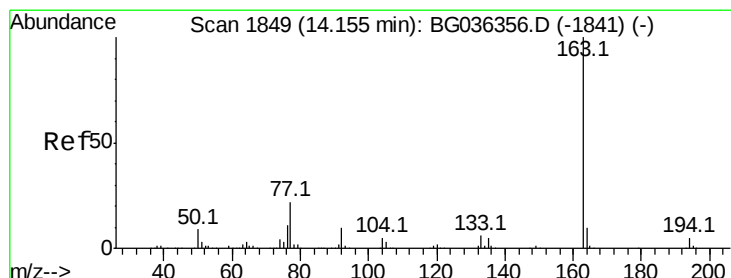
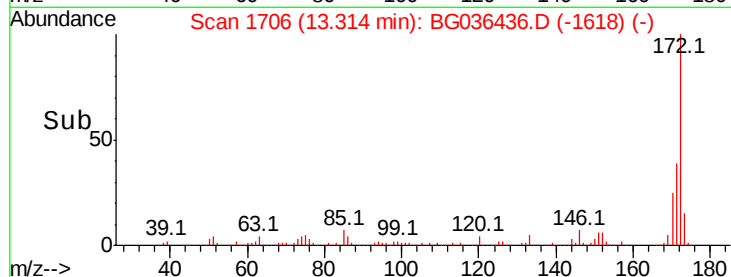
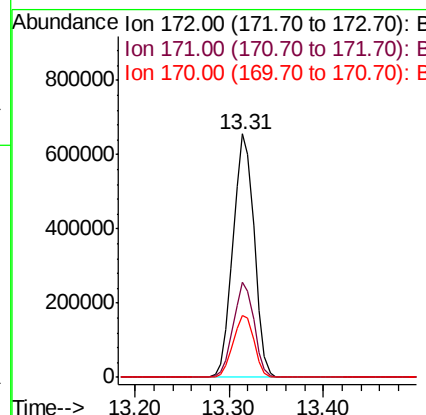
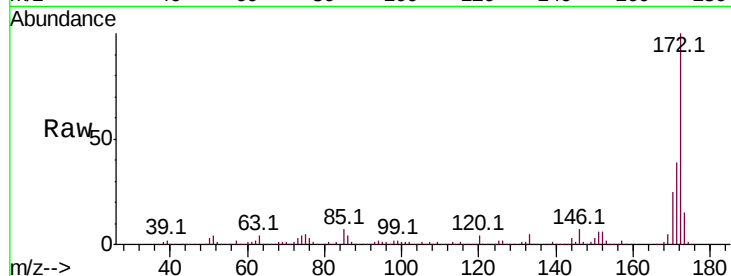


#44
 2-Fluorobiphenyl
 Concen: 93.252 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036436.D
 Acq: 27 Aug 2018 18:00

Instrument :
 BNA_G
 ClientSampleId :
 20180531-COMPOSITE-(DEF)

Tot Ion:172 Resp: 1024147

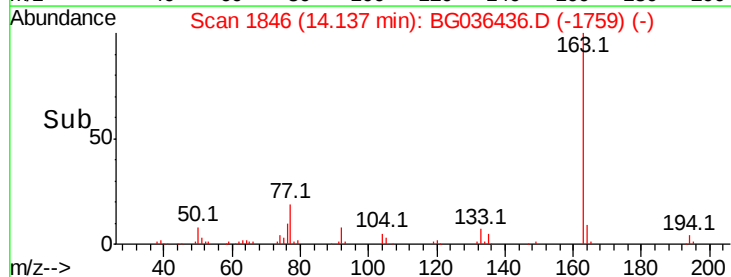
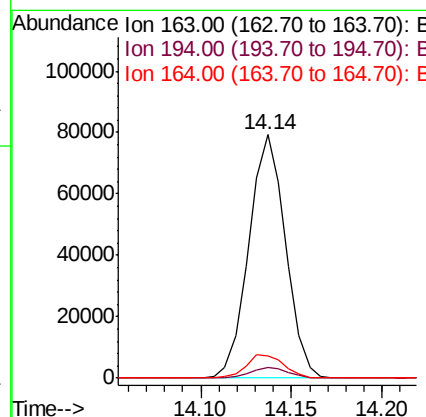
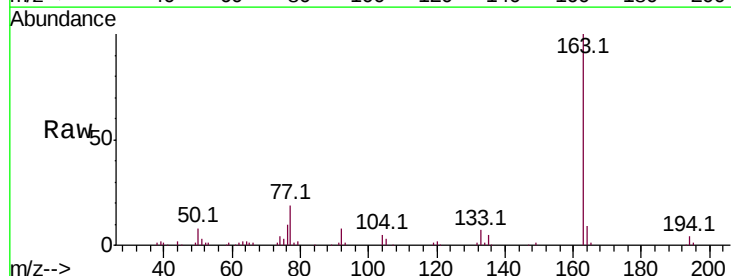
Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.3	46.9
170	25.2	21.0	31.6

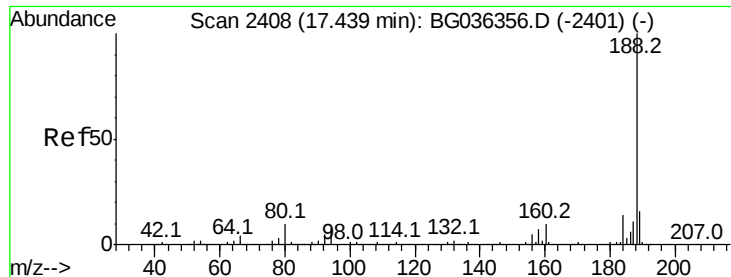


#49
 Dimethylphthalate
 Concen: 8.725 ng
 RT: 14.14 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BG036436.D
 Acq: 27 Aug 2018 18:00

Tgt Ion:163 Resp: 111719

Ion	Ratio	Lower	Upper
163	100		
194	4.4	4.0	6.0
164	9.0	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: BG036436.D

Acq: 27 Aug 2018 18:00

Instrument :

BNA_G

ClientSampleId :

20180531-COMPOSITE-(DEF)

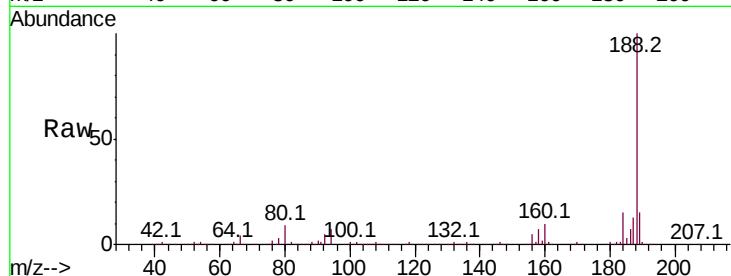
Tot Ion:188 Resp: 399590

Ion Ratio Lower Upper

188 100

94 7.4 6.7 10.1

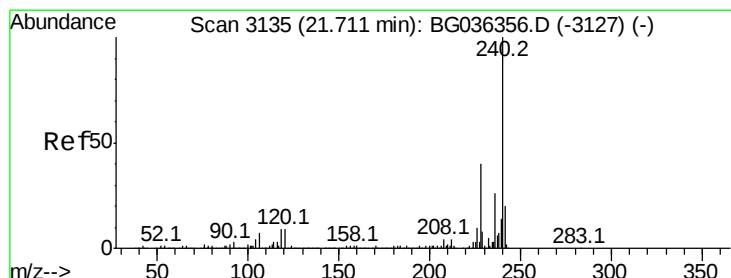
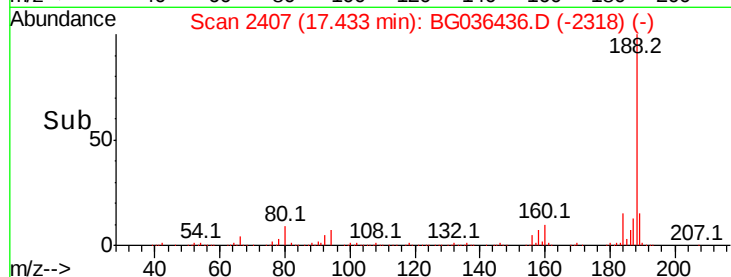
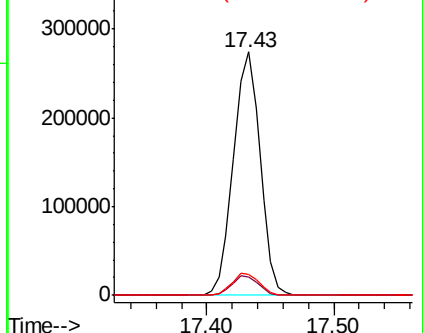
80 8.8 8.1 12.1



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: BG036436.D

Acq: 27 Aug 2018 18:00

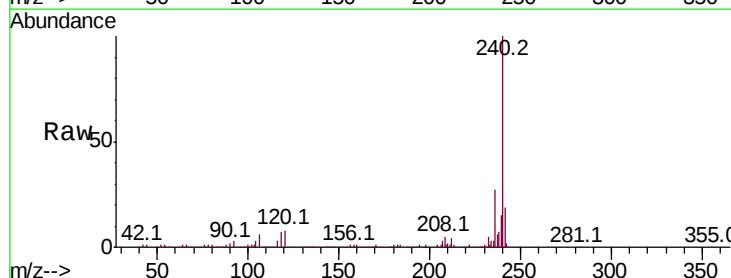
Tgt Ion:240 Resp: 445177

Ion Ratio Lower Upper

240 100

120 7.6 6.9 10.3

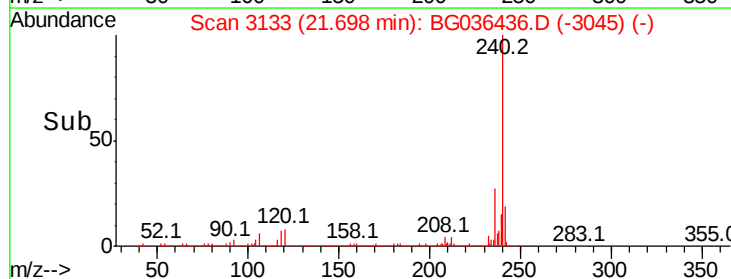
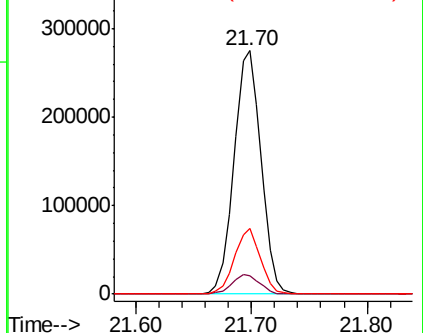
236 26.9 21.2 31.8

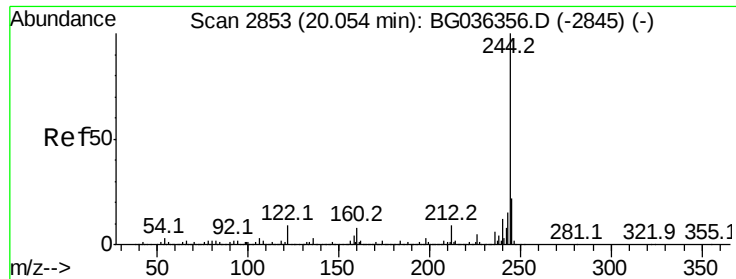


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



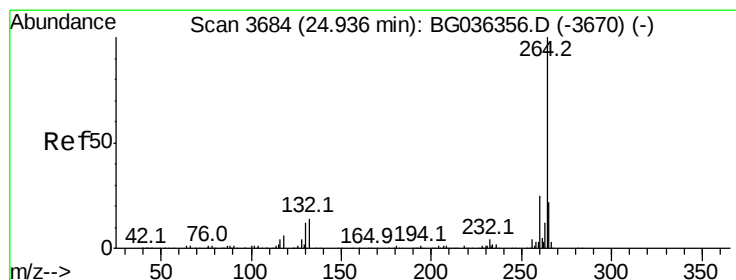
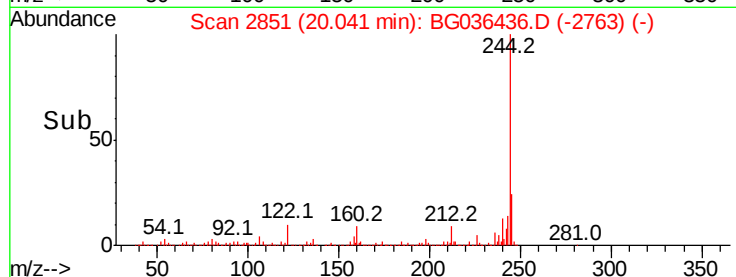
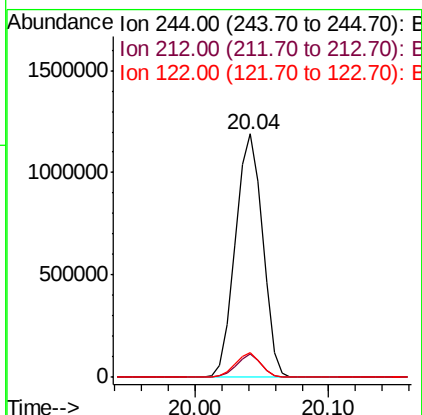
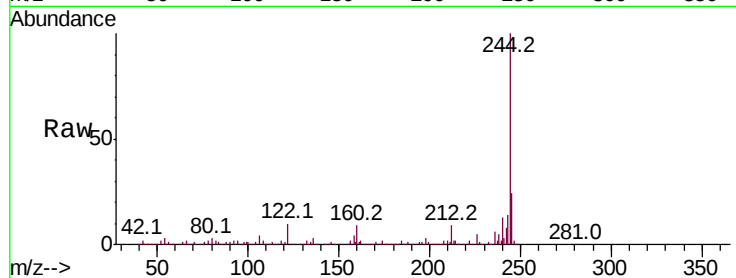


#78
 Terphenyl-d14
 Concen: 88.489 ng
 RT: 20.04 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BG036436.D
 Acq: 27 Aug 2018 18:00

Instrument :
 BNA_G
 ClientSampleId :
 20180531-COMPOSITE-(DEF)

Tot Ion:244 Resp: 1685388

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.0	10.6
122	10.0	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3679
 Delta R.T. -0.03 min
 Lab File: BG036436.D
 Acq: 27 Aug 2018 18:00

Tgt Ion:264 Resp: 455805

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.6	29.4
265	20.4	17.4	26.0

