

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082518\
 Data File : BG036422.D
 Acq On : 25 Aug 2018 11:44
 Operator : JU/SJ
 Sample : J4581-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 27 02:33:56 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

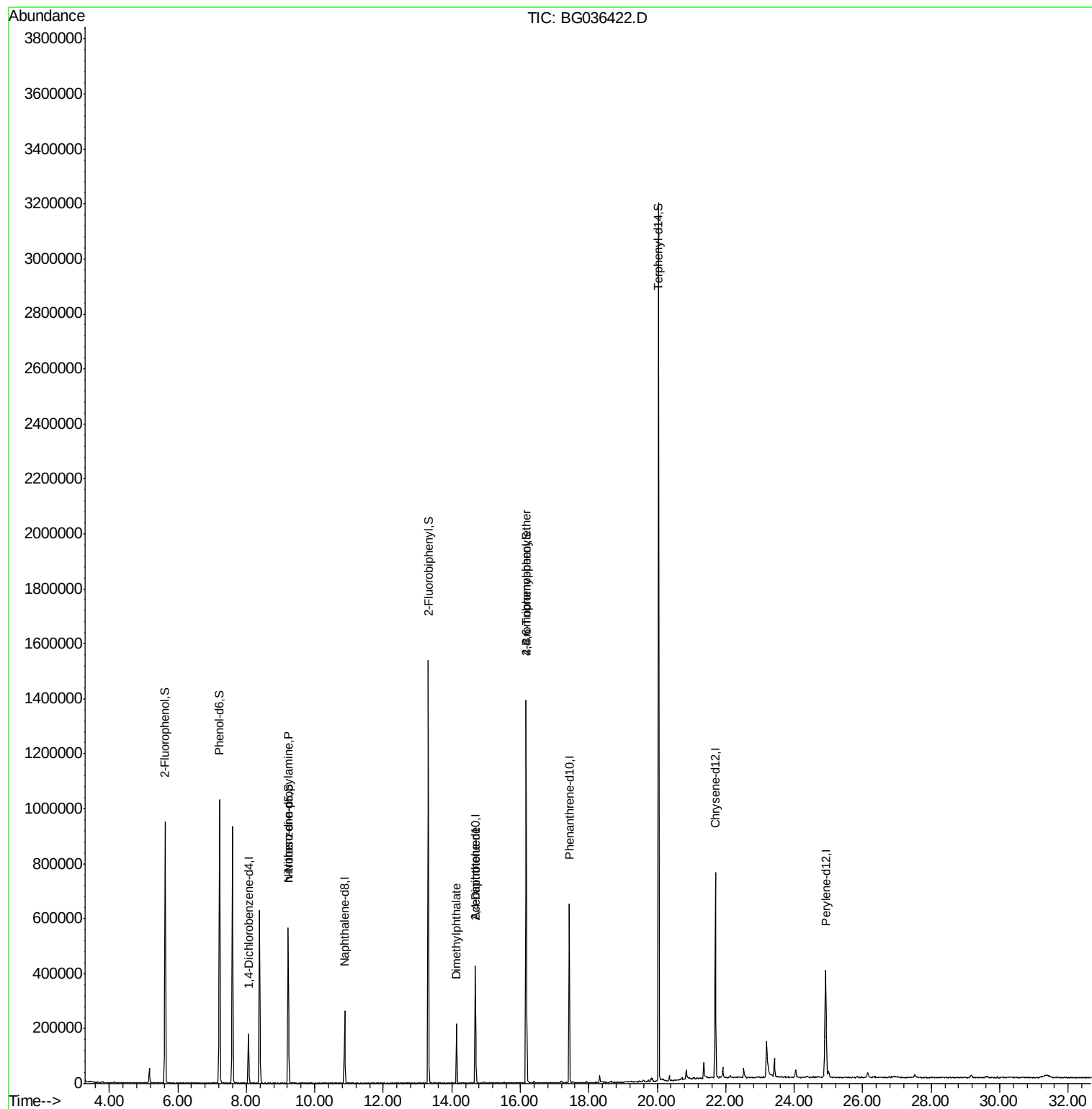
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	52143	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	219986	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	151477	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	400878	20.00	ng	0.00
75) Chrysene-d12	21.70	240	434932	20.00	ng	-0.01
86) Perylene-d12	24.92	264	436767	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	402959	122.59	ng	0.00
7) Phenol-d6	7.22	99	574043	121.97	ng	0.00
23) Nitrobenzene-d5	9.23	82	343012	84.60	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	251219	138.99	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	791818	74.64	ng	0.00
78) Terphenyl-d14	20.04	244	1472069	79.11	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	46034	13.088	ng	# 70
49) Dimethylphthalate	14.14	163	147937	11.960	ng	# 99
56) 2,4-Dinitrotoluene	14.69	165	19581	5.903	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	17787	3.790	ng	# 1

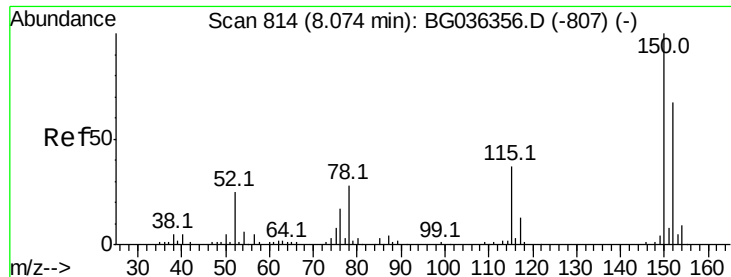
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



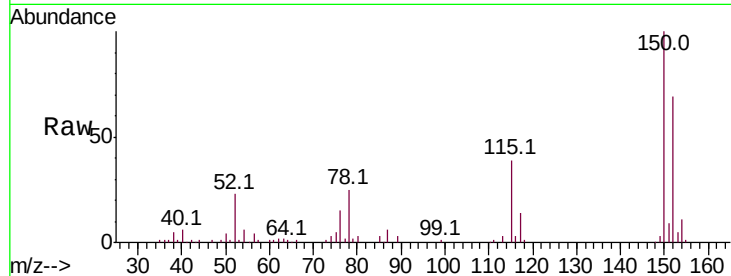


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036422.D
Acq: 25 Aug 2018 11:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.4	119.5	179.3
115	56.0	44.5	66.7

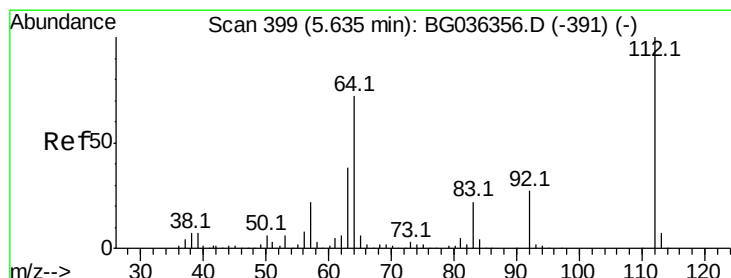
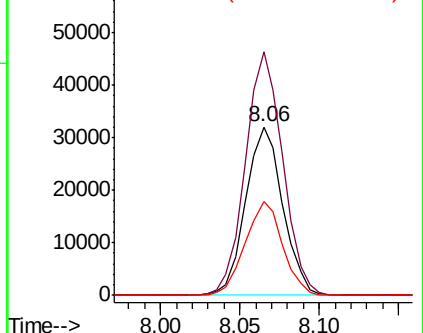
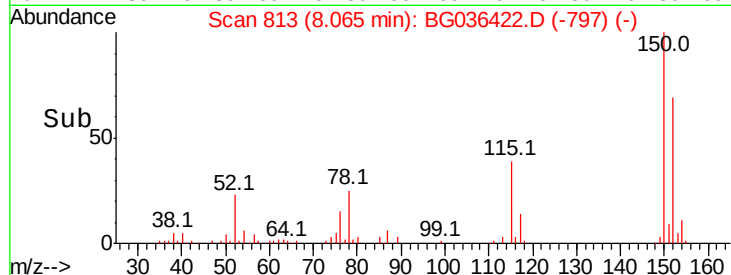


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

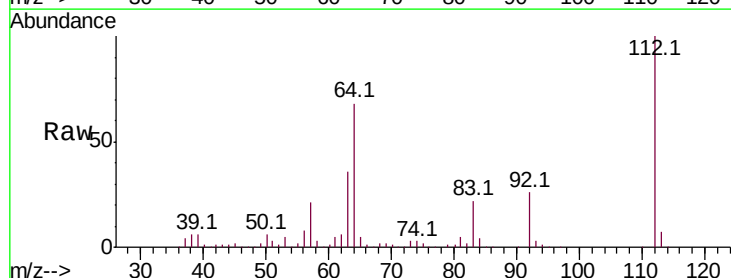
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 122.588 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036422.D
Acq: 25 Aug 2018 11:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.2	57.2	85.8
63	35.8	30.8	46.2

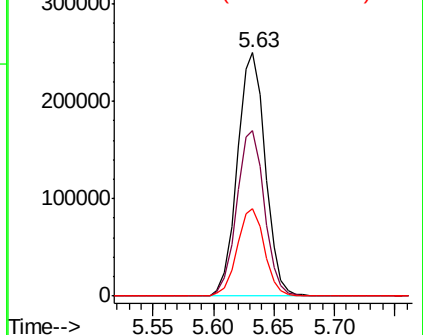
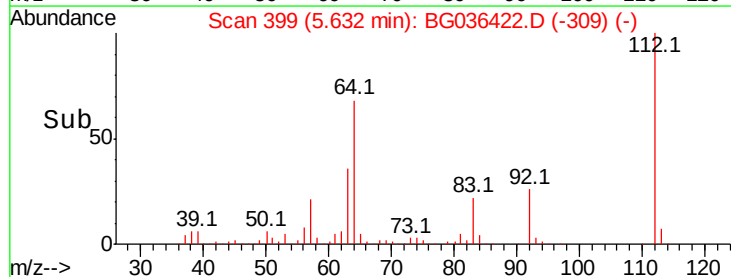


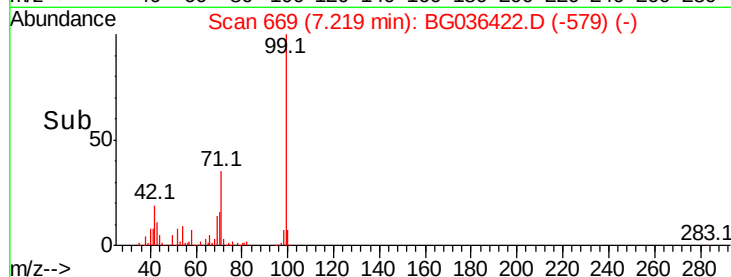
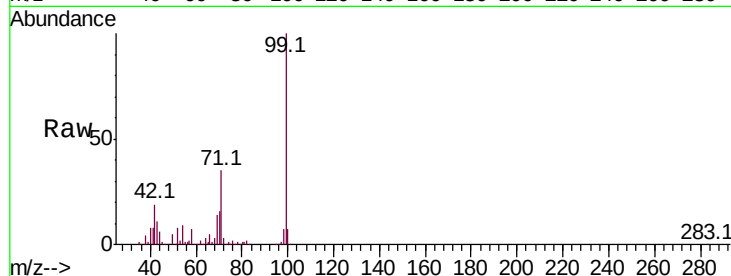
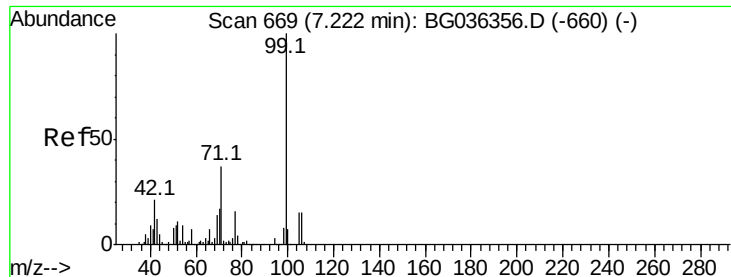
Abundance

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

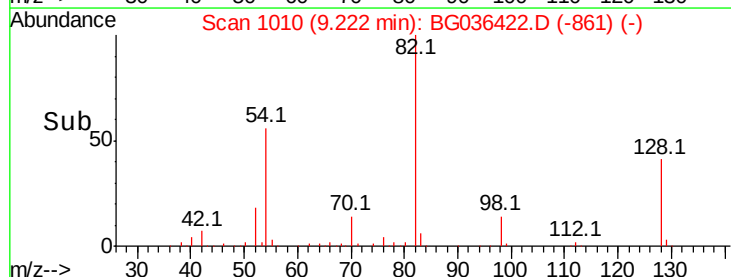
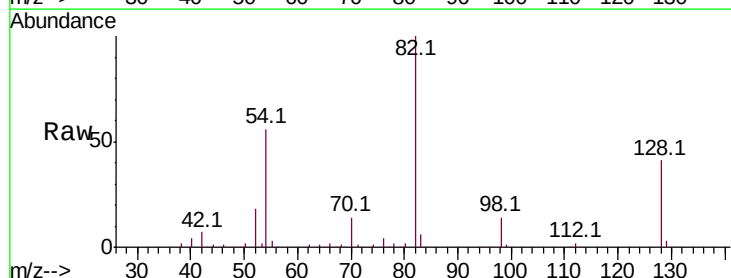
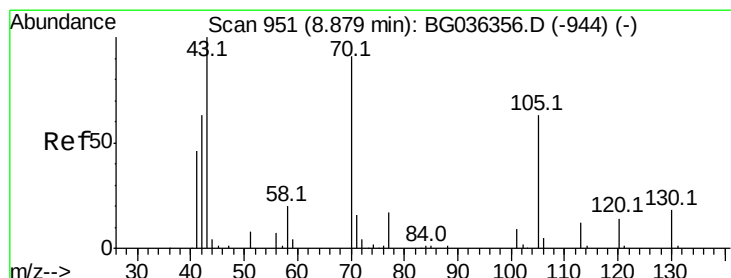
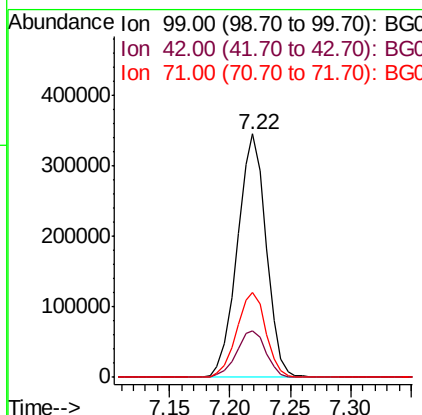




#7
Phenol-d6
Concen: 121.973 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG036422.D
Acq: 25 Aug 2018 11:44

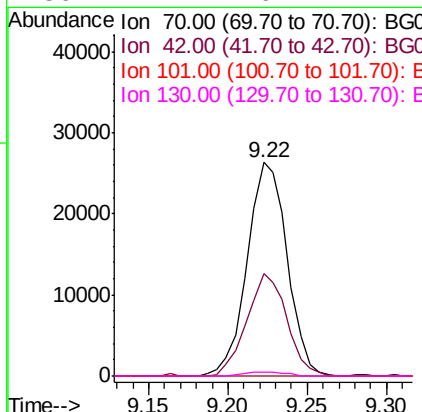
Instrument :
BNA_G
ClientSampleId :

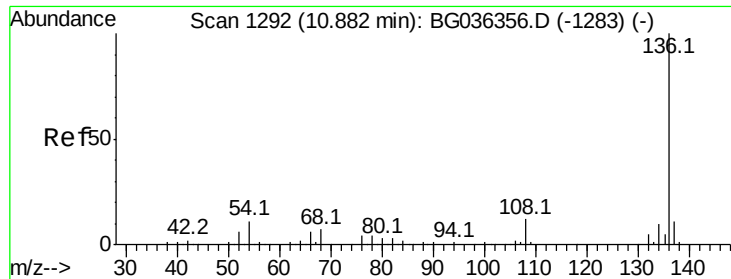
Tot Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.5	24.7
71	35.0	29.4	44.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.088 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.34 min
Lab File: BG036422.D
Acq: 25 Aug 2018 11:44

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.9	56.2	84.4#
101	0.0	7.8	11.6#
130	1.7	16.2	24.2#

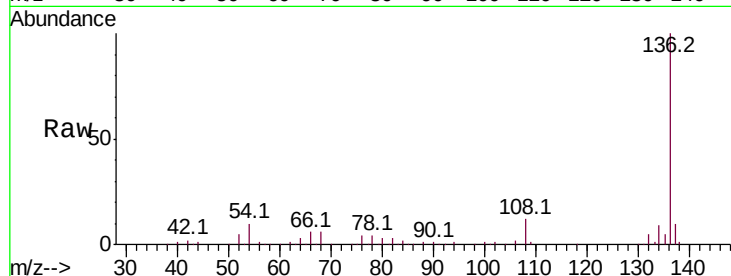




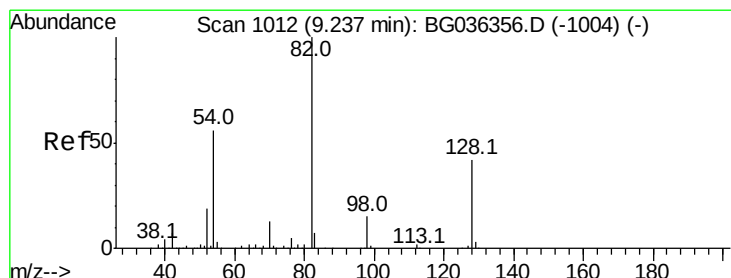
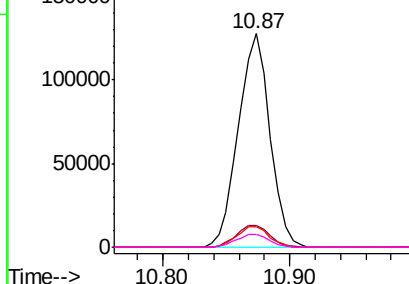
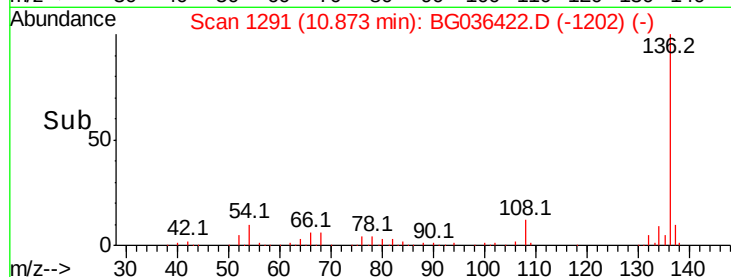
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG036422.D
Acq: 25 Aug 2018 11:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	219986
Ion Ratio	Lower	Upper
136	100	
137	10.0	8.8 13.2
54	9.7	9.2 13.8
68	5.7	5.8 8.6#

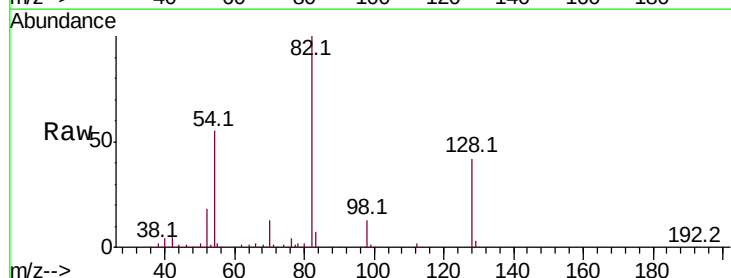


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

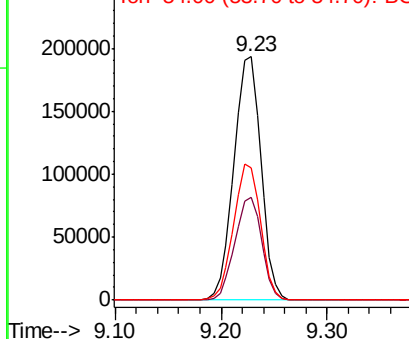
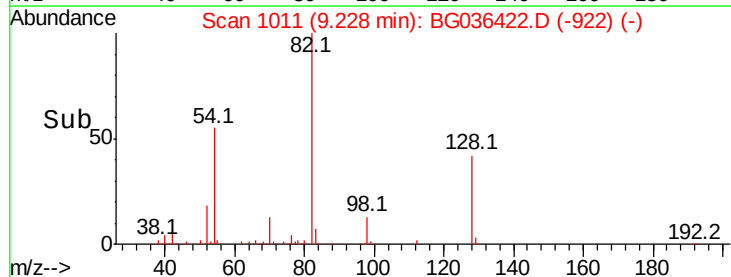


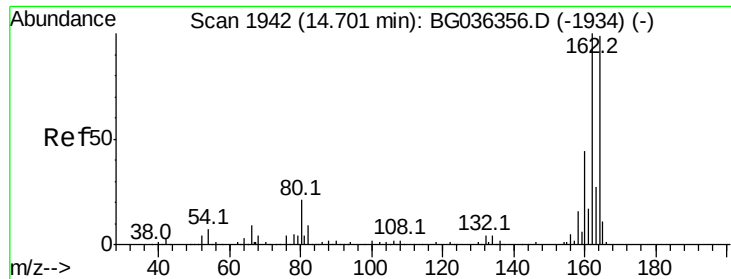
#23
Nitrobenzene-d5
Concen: 84.599 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG036422.D
Acq: 25 Aug 2018 11:44

Tgt Ion: 82	Resp:	343012
Ion Ratio	Lower	Upper
82	100	
128	42.2	33.3 49.9
54	54.5	45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BG
250000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG

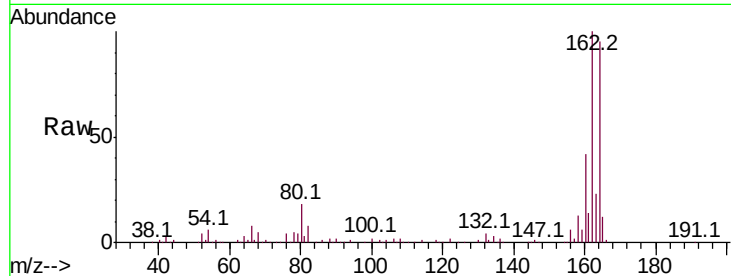




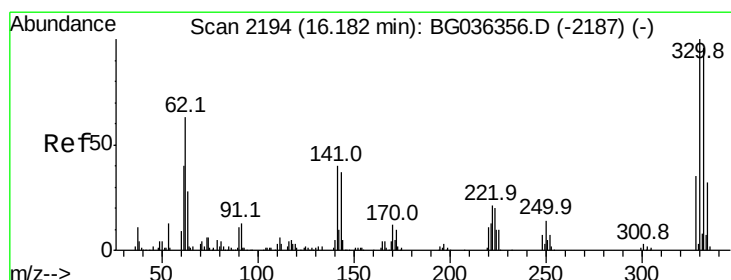
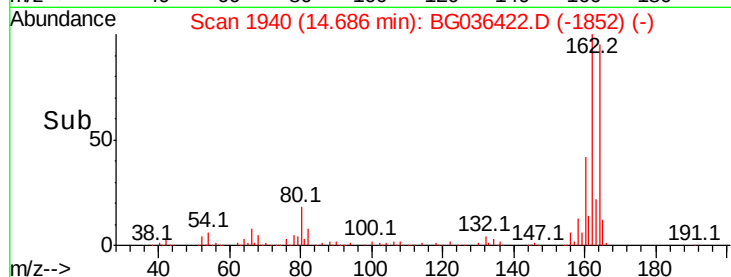
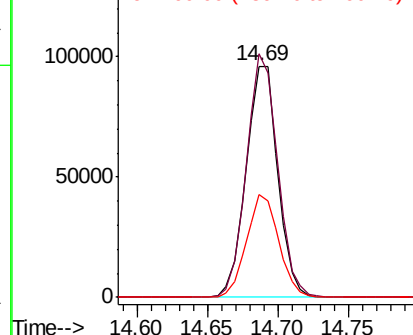
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036422.D
 Acq: 25 Aug 2018 11:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.5	80.7	121.1
160	44.3	35.3	52.9

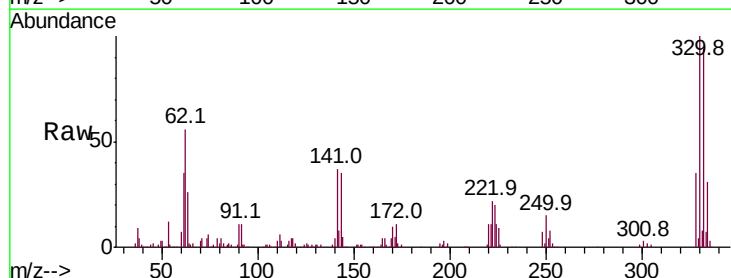


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

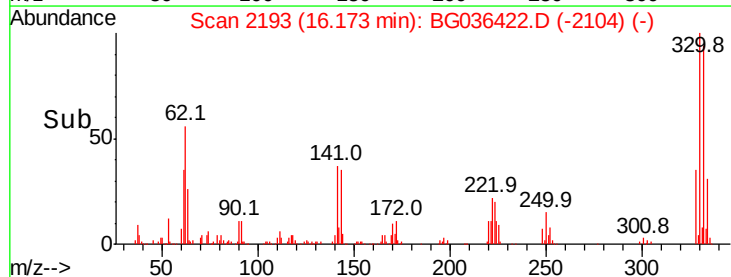
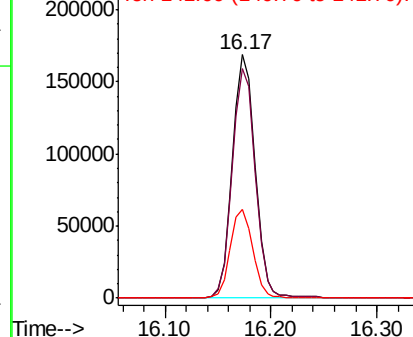


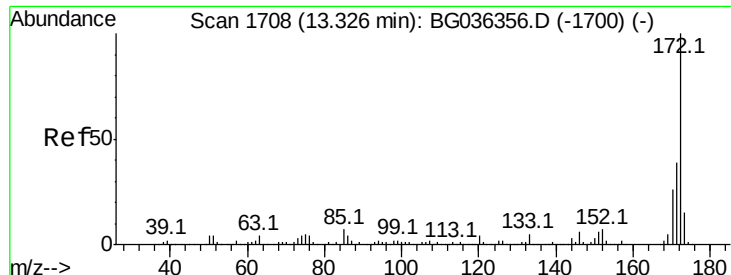
#41
 2,4,6-Tribromophenol
 Concen: 138.990 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036422.D
 Acq: 25 Aug 2018 11:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.4	113.2
141	36.2	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

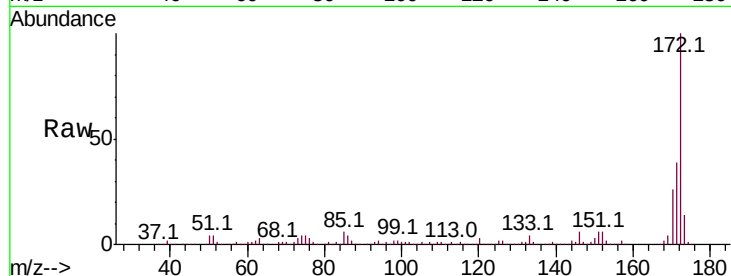




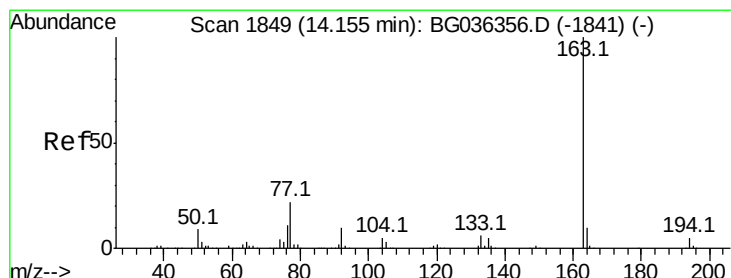
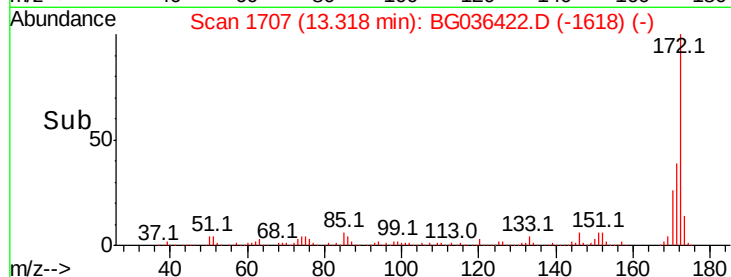
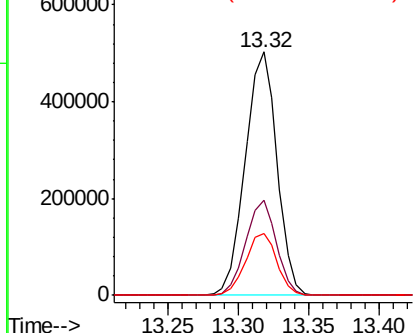
#44
2-Fluorobiphenyl
Concen: 74.637 ng
RT: 13.32 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BG036422.D
Acq: 25 Aug 2018 11:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.3	46.9
170	25.5	21.0	31.6

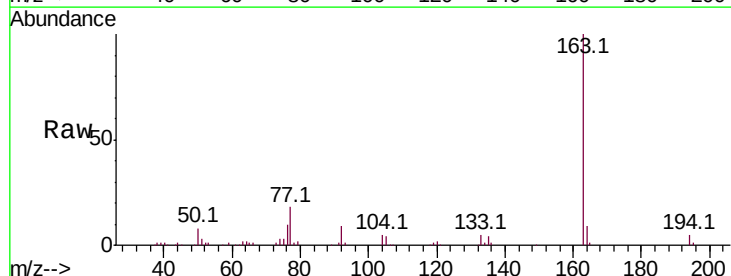


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

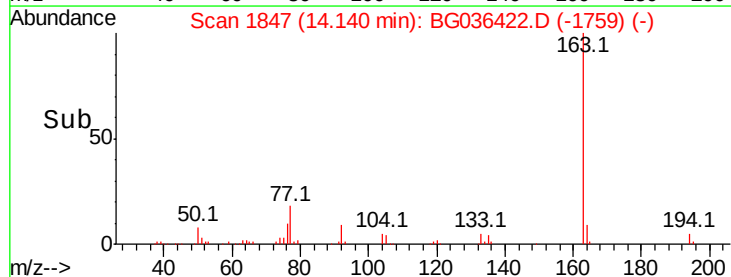
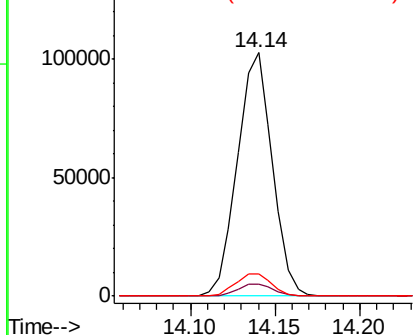


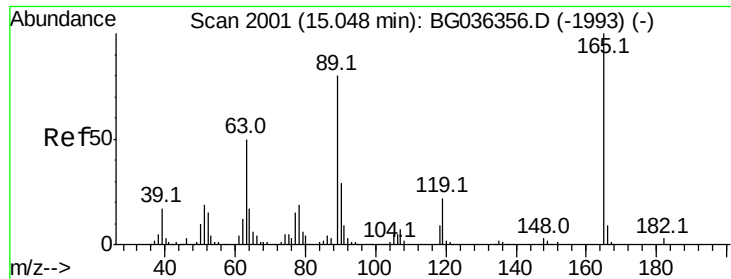
#49
Dimethylphthalate
Concen: 11.960 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BG036422.D
Acq: 25 Aug 2018 11:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.0	6.0
164	9.3	8.1	12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

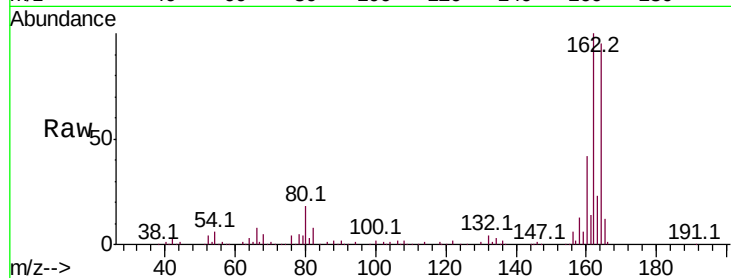




#56
 2,4-Dinitrotoluene
 Concen: 5.903 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG036422.D
 Acq: 25 Aug 2018 11:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.1	60.1#
89	1.9	63.7	95.5#
182	0.0	2.5	3.7#

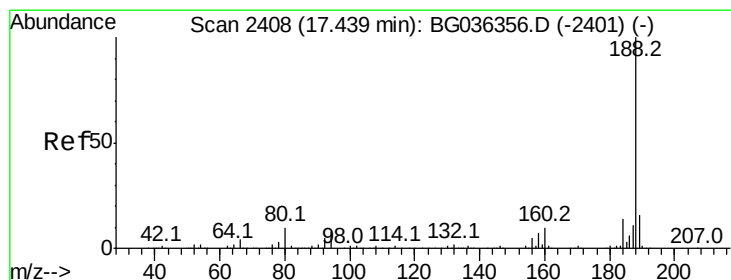
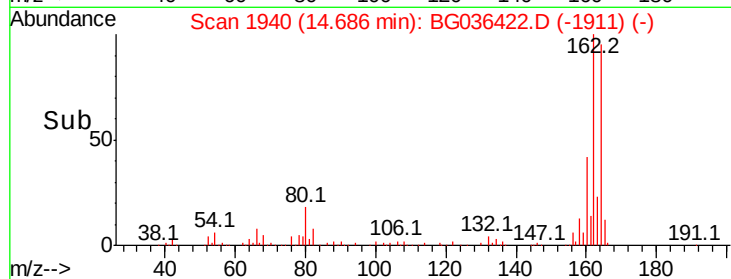
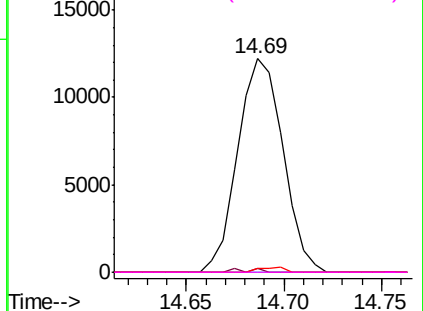


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

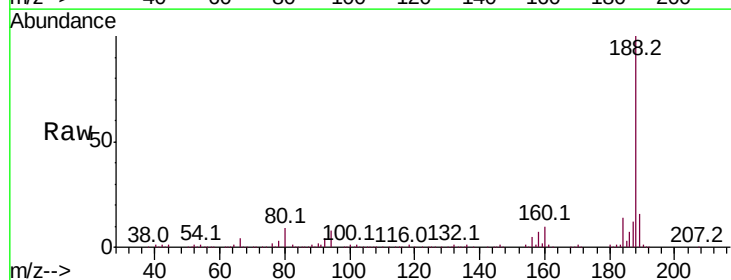
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036422.D
 Acq: 25 Aug 2018 11:44

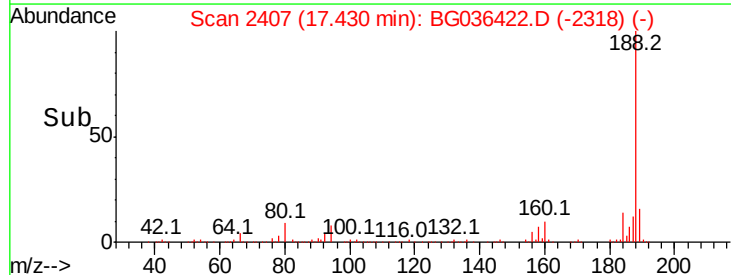
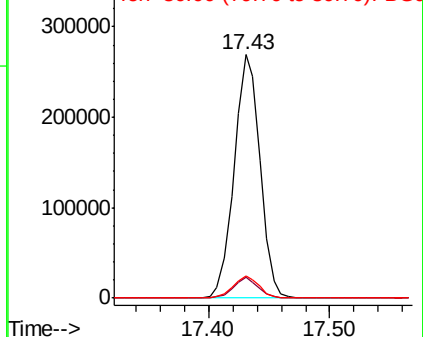
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	9.1	8.1	12.1

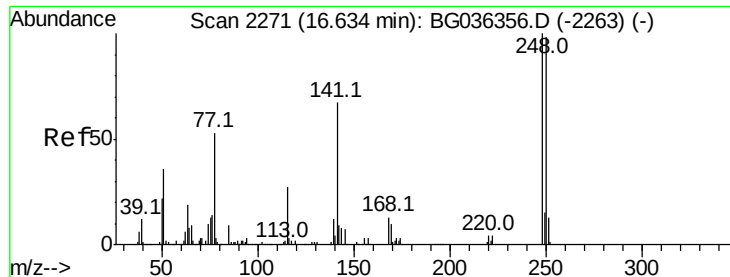


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

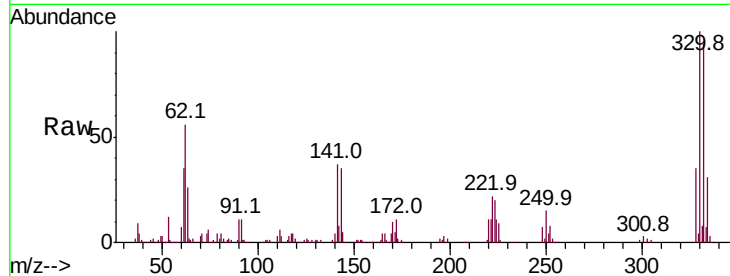




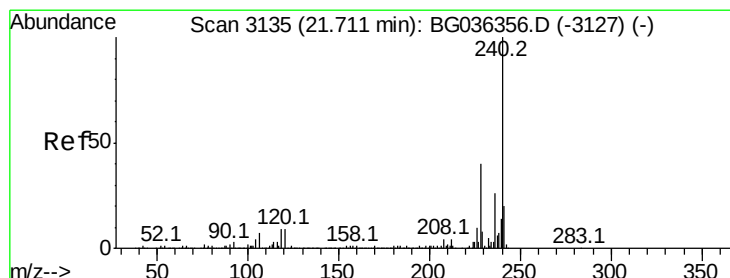
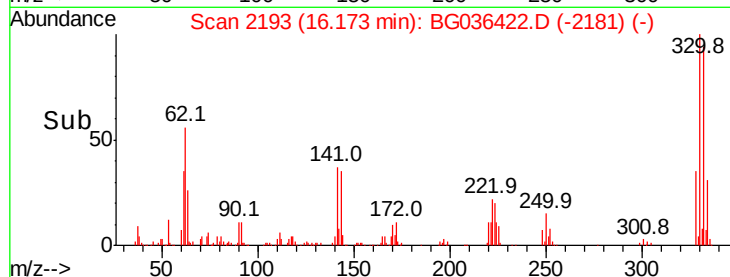
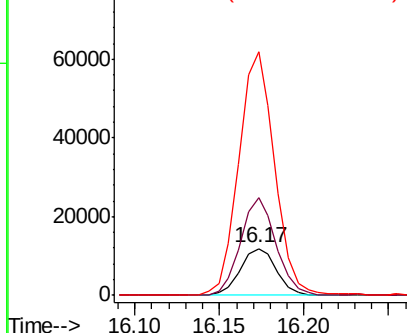
#66
4-Bromophenyl-phenylether
Concen: 3.790 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG036422.D
Acq: 25 Aug 2018 11:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 17787
Ion Ratio Lower Upper
248 100
250 210.3 78.1 117.1#
141 523.4 53.7 80.5#

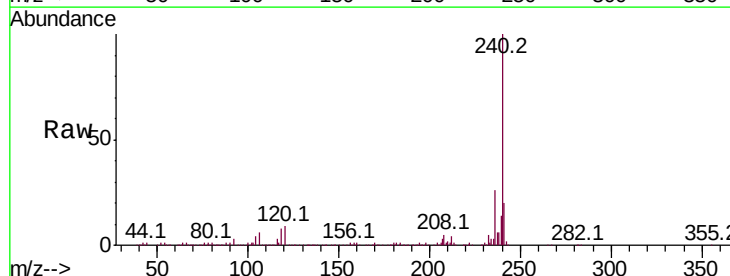


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

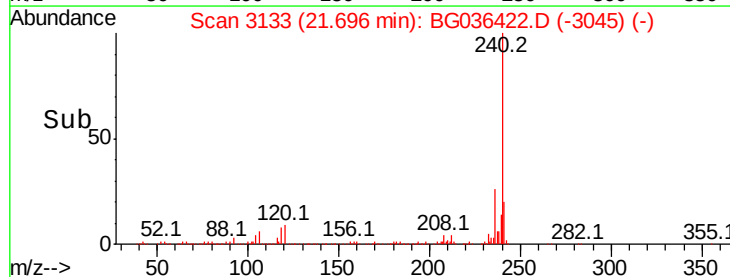
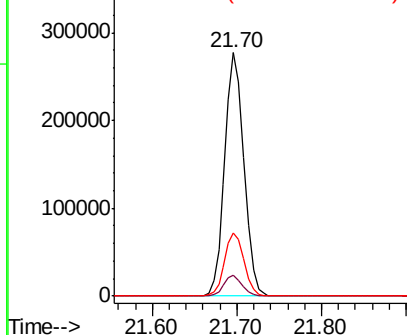


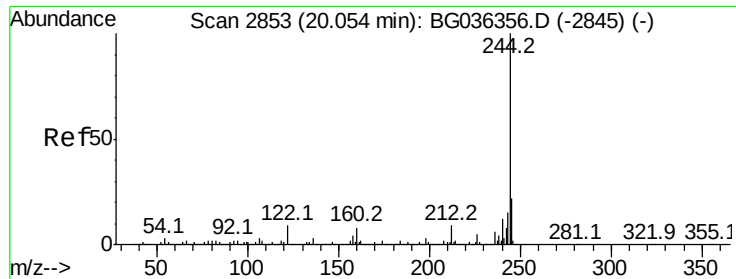
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036422.D
Acq: 25 Aug 2018 11:44

Tgt Ion:240 Resp: 434932
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 26.2 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: 79.110 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036422.D

Acq: 25 Aug 2018 11:44

Instrument :

BNA_G

ClientSampled :

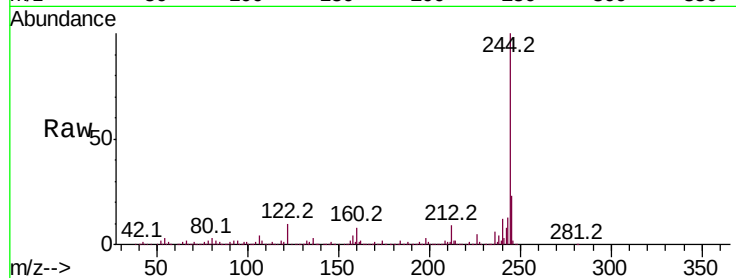
Tot Ion:244 Resp: 1472069

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	9.6	7.1	10.7

244 100

212 9.0 7.0 10.6

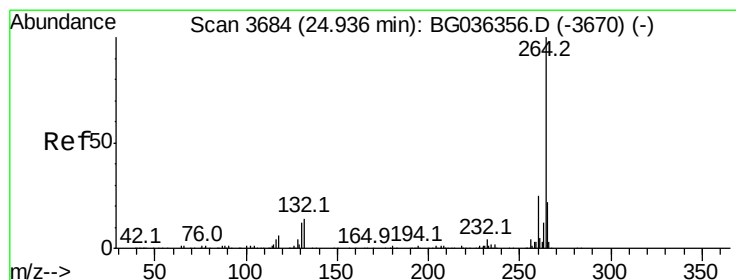
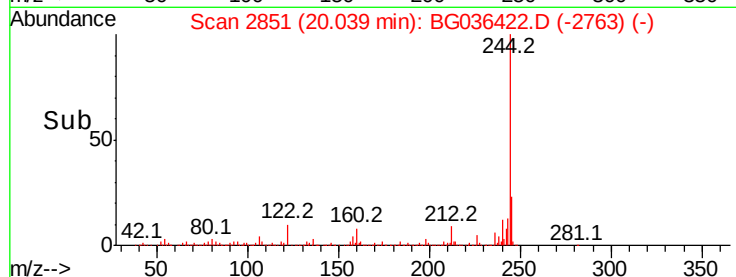
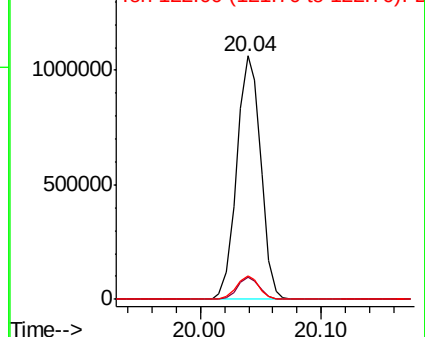
122 9.6 7.1 10.7



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: 24.92 min Scan# 3681

Delta R.T. -0.02 min

Lab File: BG036422.D

Acq: 25 Aug 2018 11:44

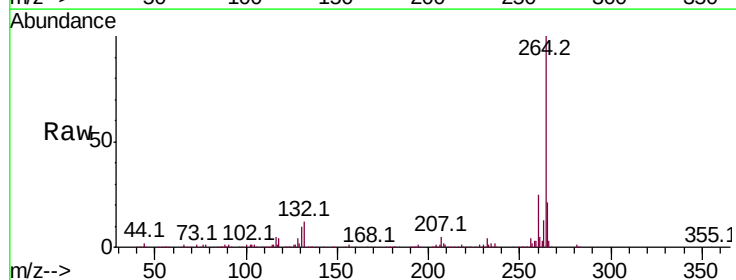
Tgt Ion:264 Resp: 436767

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	20.9	17.4	26.0

264 100

260 24.5 19.6 29.4

265 20.9 17.4 26.0



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

