

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036556.D
 Acq On : 5 Sep 2018 8:09
 Operator : JU/SJ
 Sample : J4759-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 05 11:03:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

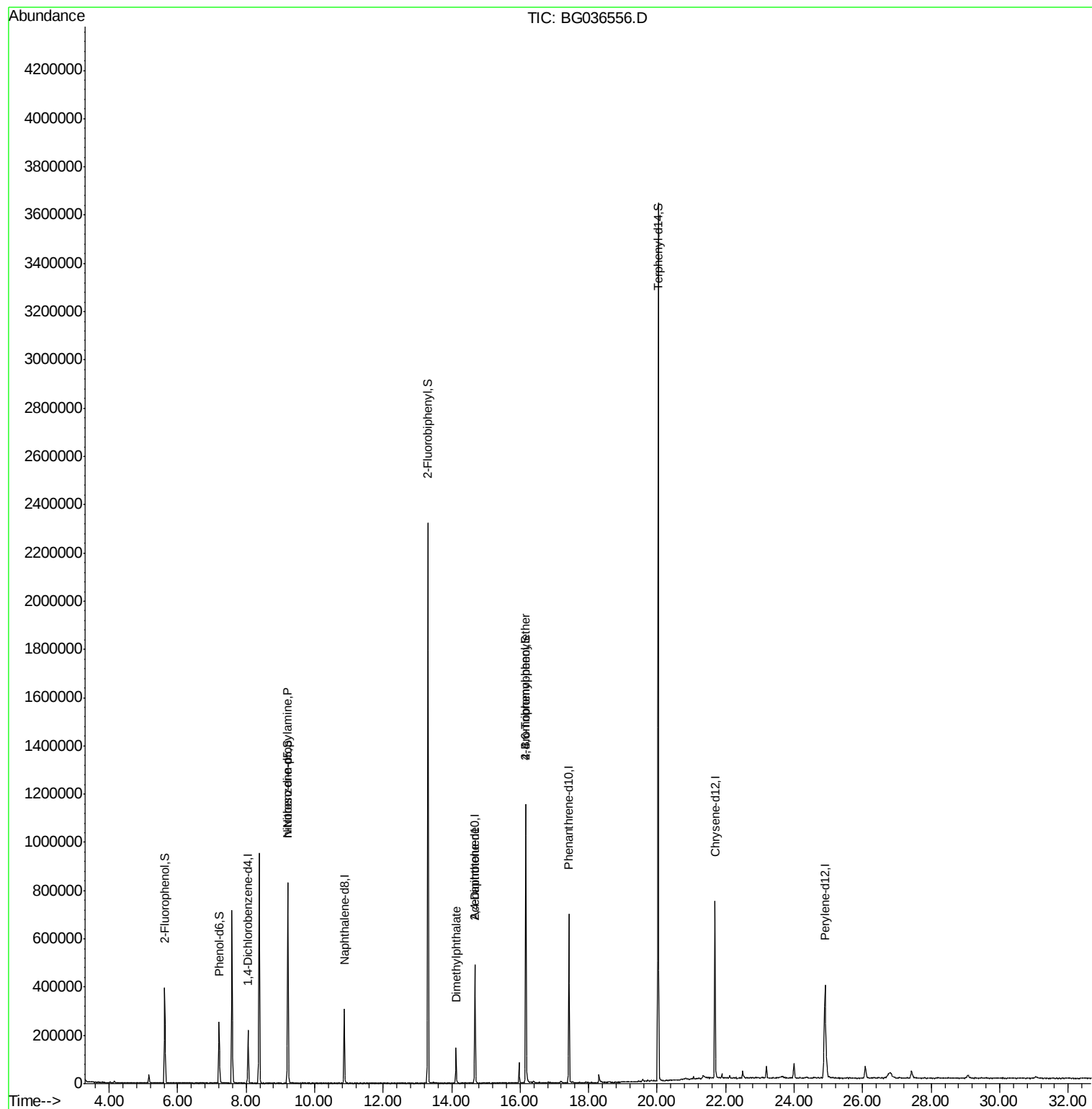
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	63638	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	265804	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	171924	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	445635	20.00	ng	0.00
75) Chrysene-d12	21.69	240	467969	20.00	ng	0.00
86) Perylene-d12	24.90	264	463834	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	170588	42.52	ng	0.00
7) Phenol-d6	7.21	99	148051	25.78	ng	0.00
23) Nitrobenzene-d5	9.22	82	497466	101.54	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	216699	105.63	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1159354	96.28	ng	0.00
78) Terphenyl-d14	20.03	244	1696640	84.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	66051	15.387	ng	Qvalue # 69
49) Dimethylphthalate	14.13	163	99516	7.089	ng	99
56) 2,4-Dinitrotoluene	14.68	165	22491	5.974	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	15104	2.895	ng	# 1

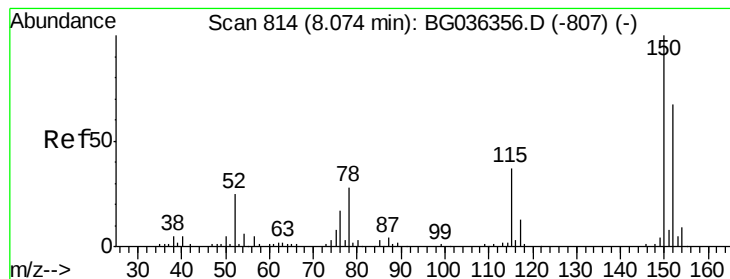
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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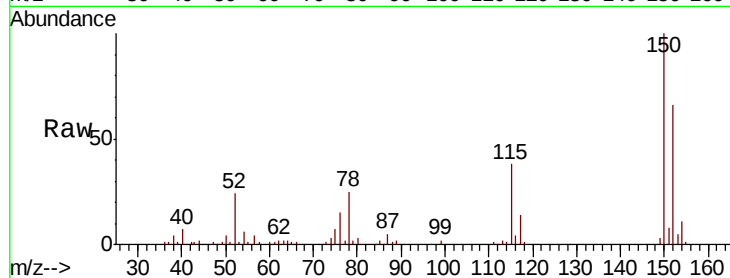




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036556.D
 Acq: 5 Sep 2018 8:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	119.5	179.3
115	57.7	44.5	66.7

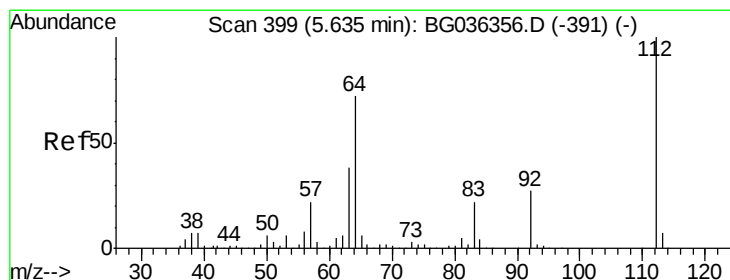
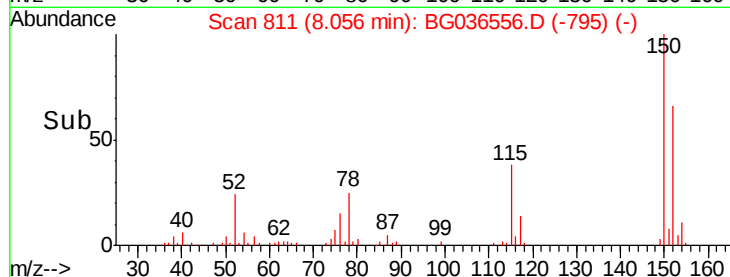
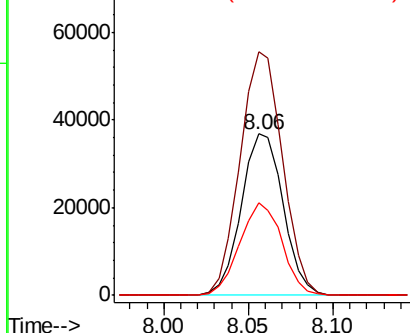


Abundance

Ion 152.00 (151.70 to 152.70): E

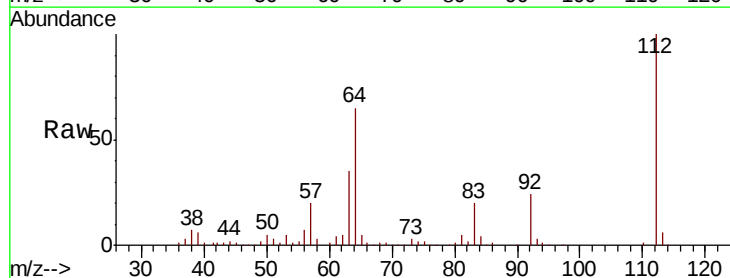
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 42.522 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036556.D
 Acq: 5 Sep 2018 8:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	57.2	85.8
63	35.4	30.8	46.2

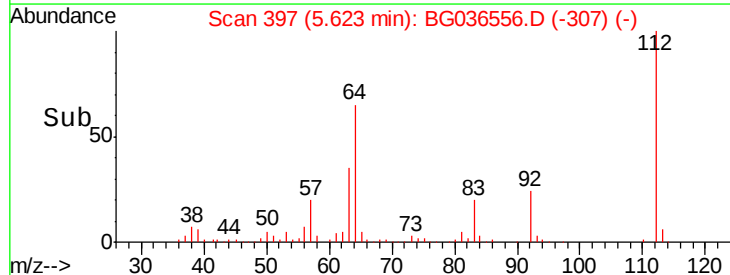
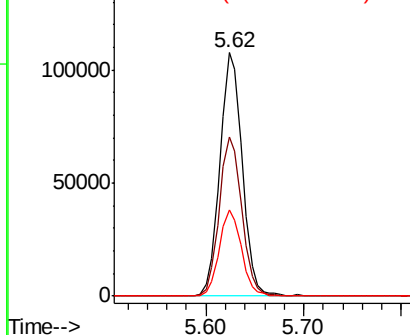


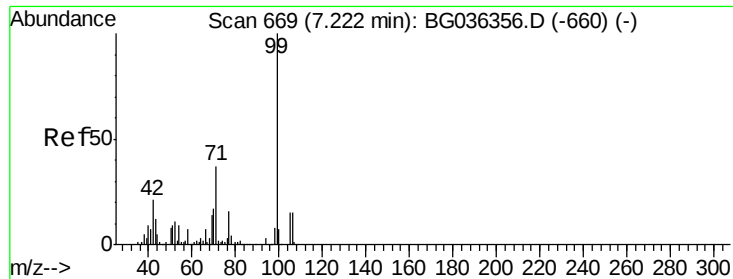
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 25.776 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036556.D

Acq: 5 Sep 2018 8:09

Instrument :

BNA_G

ClientSampled :

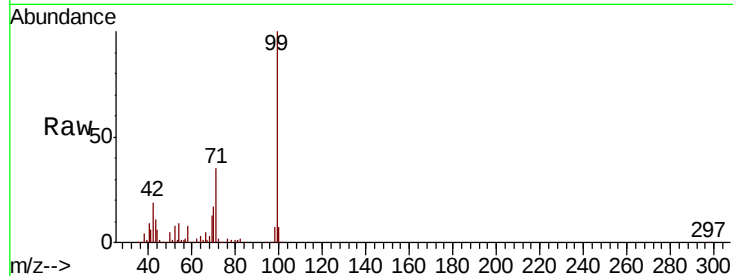
Tot Ion: 99 Resp: 148051

Ion Ratio Lower Upper

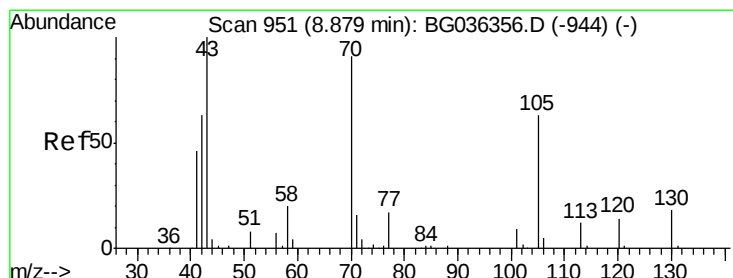
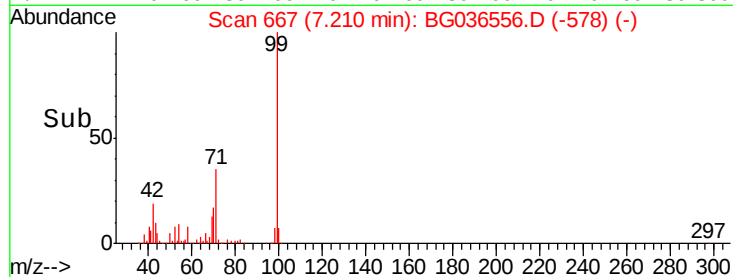
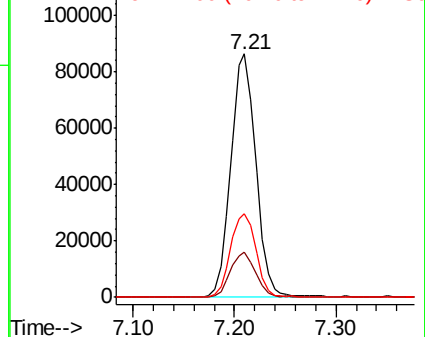
99 100

42 18.6 16.5 24.7

71 34.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.387 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.36 min

Lab File: BG036556.D

Acq: 5 Sep 2018 8:09

Tgt Ion: 70 Resp: 66051

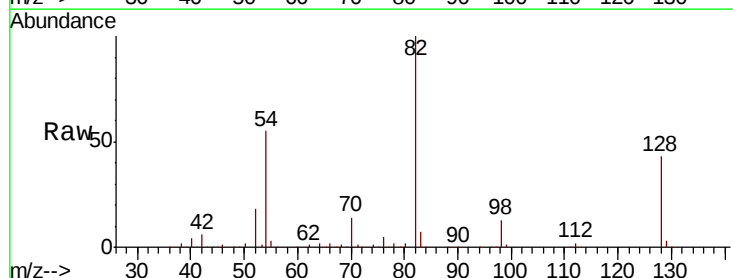
Ion Ratio Lower Upper

70 100

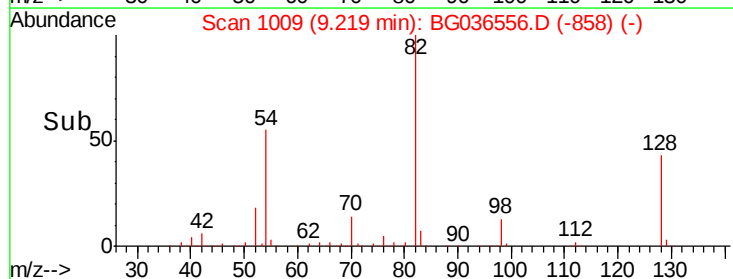
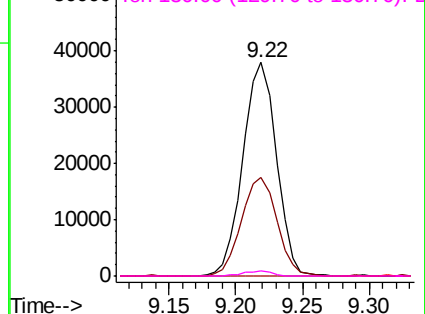
42 45.9 56.2 84.4#

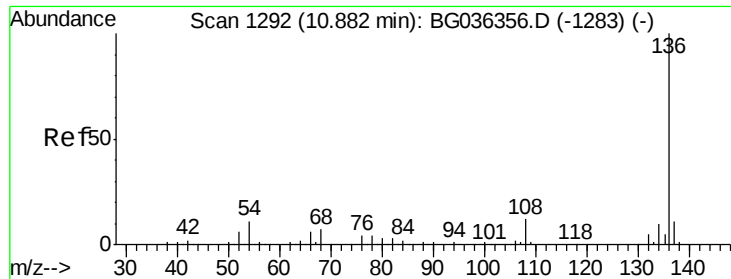
101 0.0 7.8 11.6#

130 2.4 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

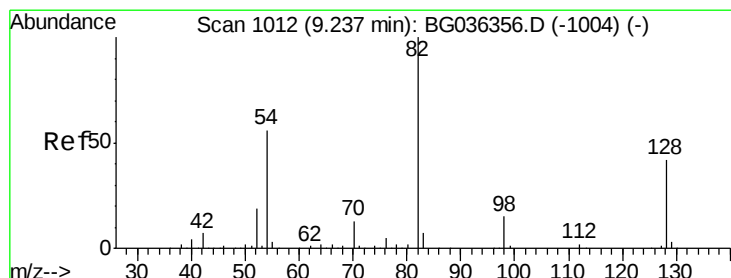
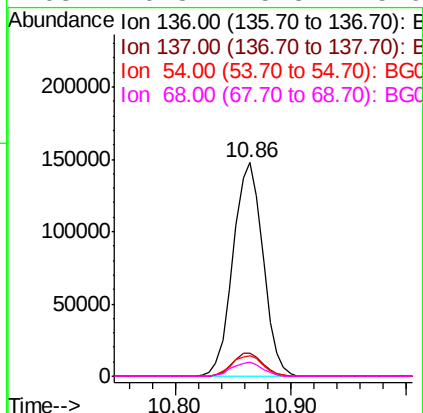
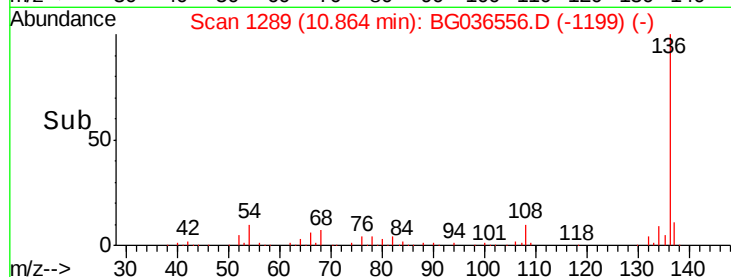
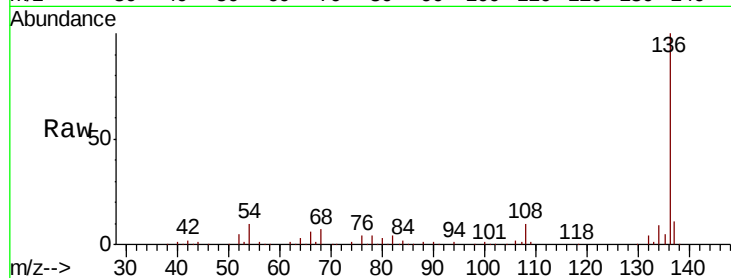




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036556.D
Acq: 5 Sep 2018 8:09

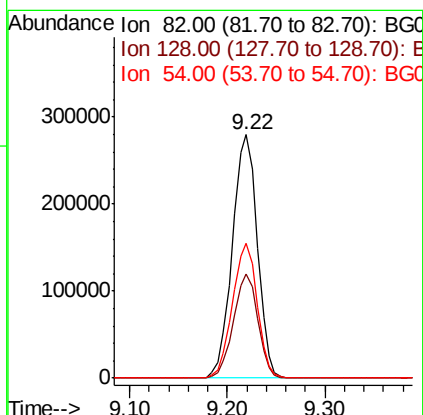
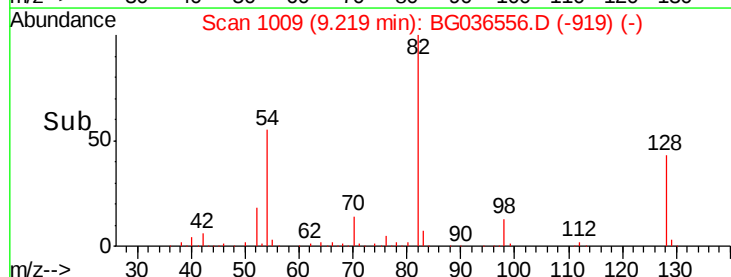
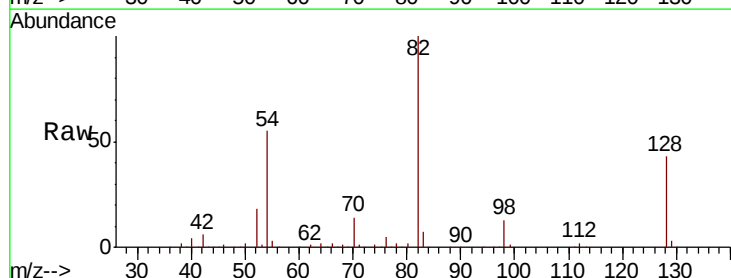
Instrument :
BNA_G
ClientSampleId :

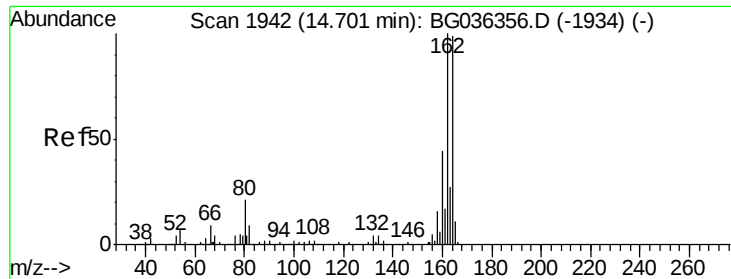
Tot Ion:136	Resp:	265804
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	9.8	9.2 13.8
68	6.8	5.8 8.6



#23
Nitrobenzene-d5
Concen: 101.544 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036556.D
Acq: 5 Sep 2018 8:09

Tgt Ion: 82	Resp:	497466
Ion Ratio	Lower	Upper
82	100	
128	42.9	33.3 49.9
54	55.3	45.1 67.7

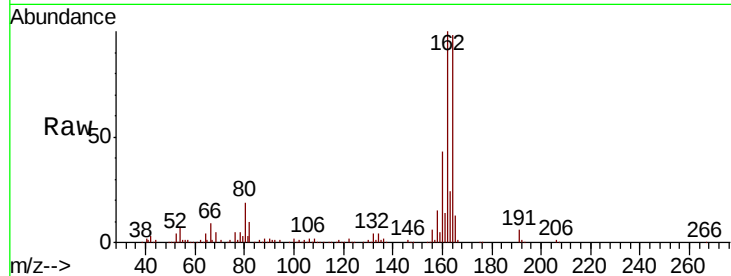




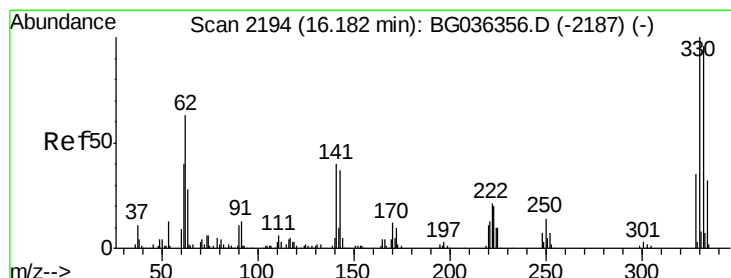
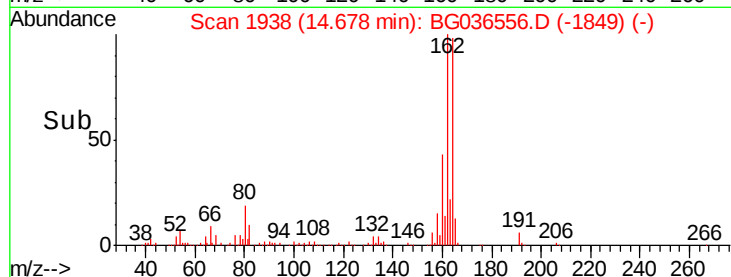
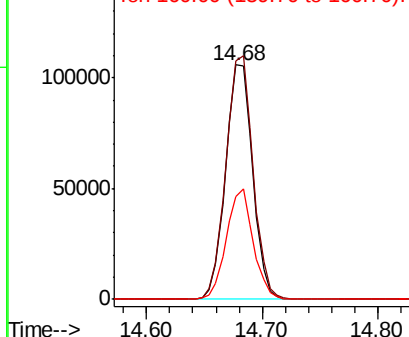
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036556.D
 Acq: 5 Sep 2018 8:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:164 Resp: 171924
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.7 121.1
 160 44.0 35.3 52.9

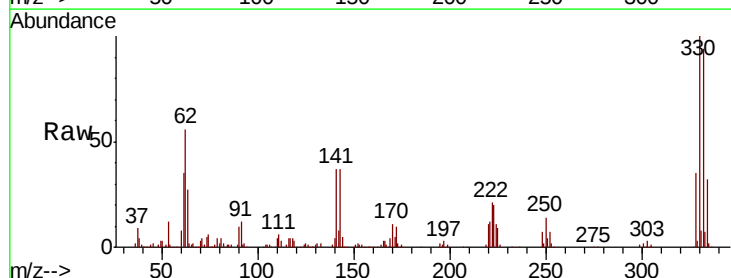


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

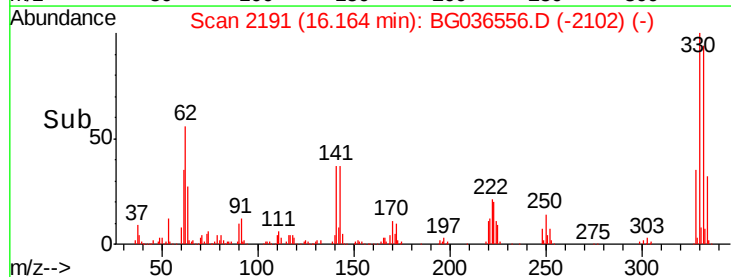
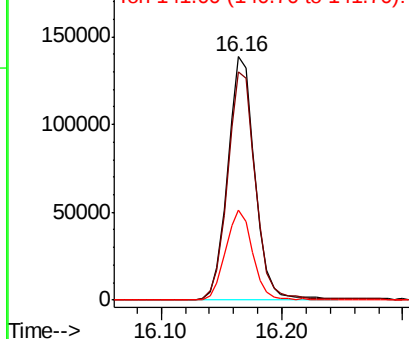


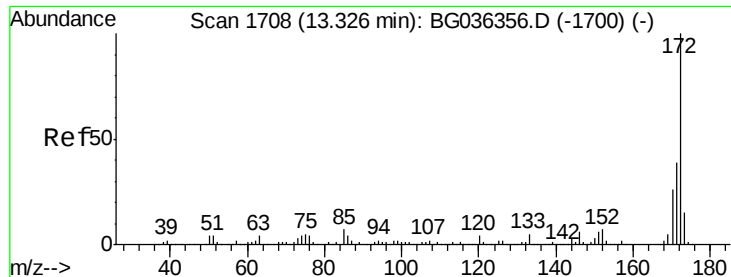
#41
 2,4,6-Tribromophenol
 Concen: 105.633 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036556.D
 Acq: 5 Sep 2018 8:09

Tgt Ion:330 Resp: 216699
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.4 113.2
 141 37.2 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

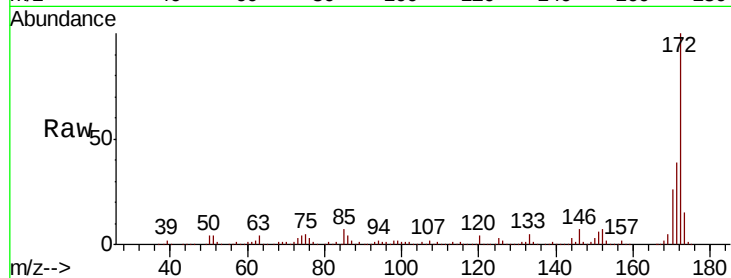




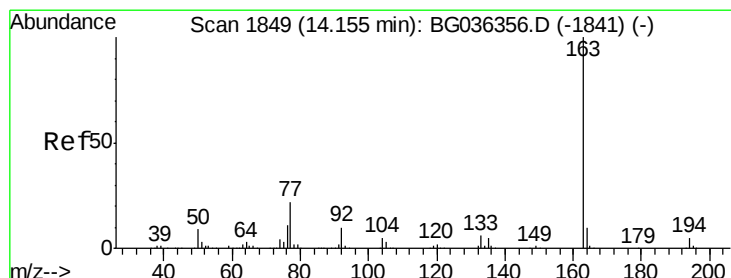
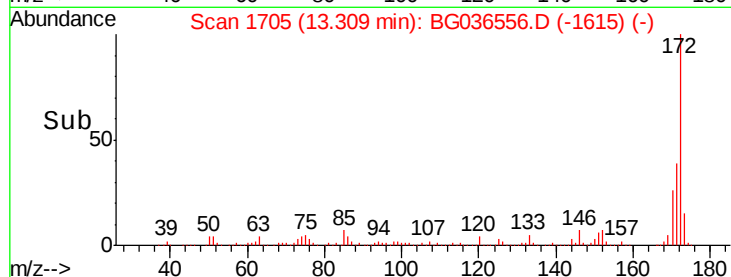
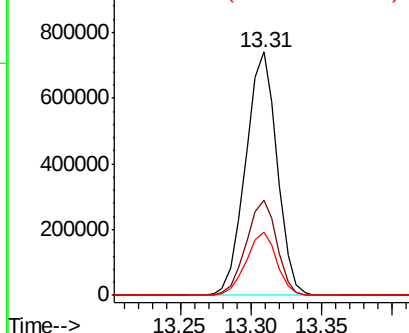
#44
2-Fluorobiphenyl
Concen: 96.284 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG036556.D
Acq: 5 Sep 2018 8:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1159354
Ion Ratio Lower Upper
172 100
171 39.2 31.3 46.9
170 26.2 21.0 31.6

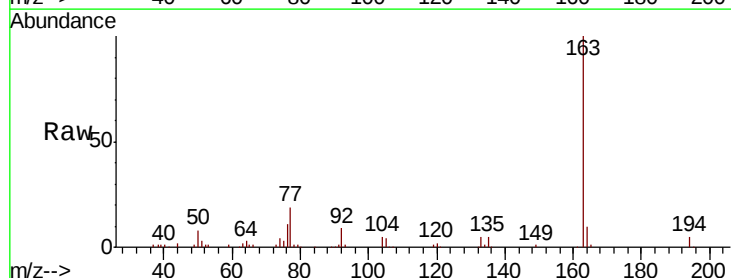


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

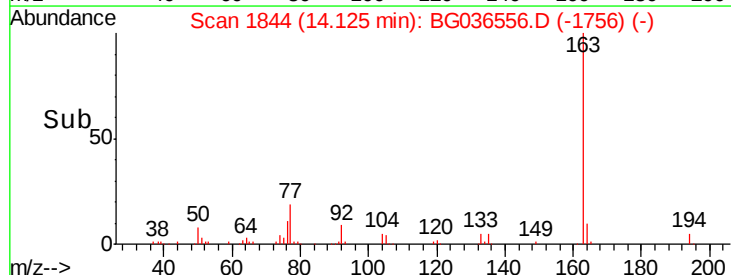
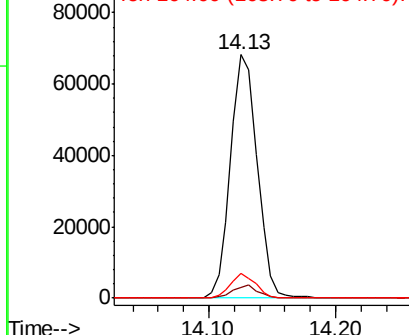


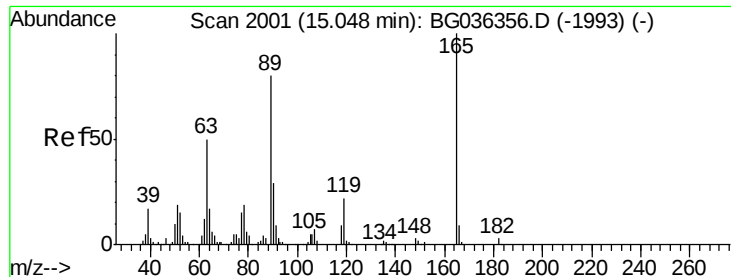
#49
Dimethylphthalate
Concen: 7.089 ng
RT: 14.13 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG036556.D
Acq: 5 Sep 2018 8:09

Tgt Ion:163 Resp: 99516
Ion Ratio Lower Upper
163 100
194 4.6 4.0 6.0
164 10.2 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

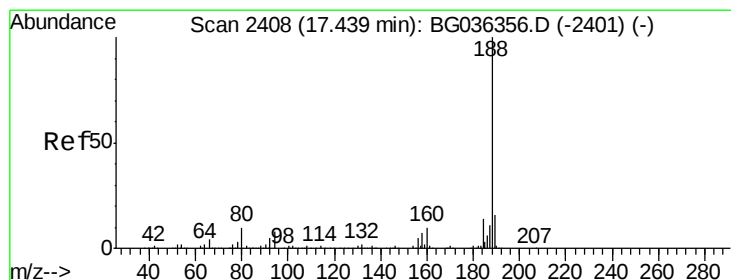
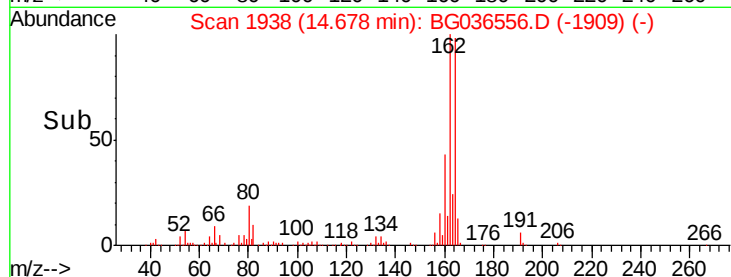
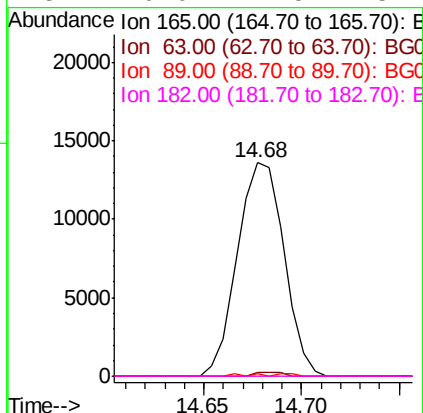
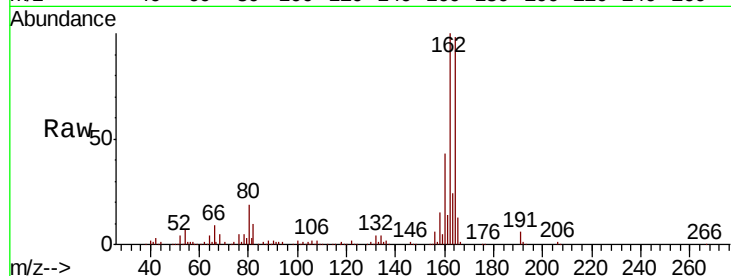




#56
2,4-Dinitrotoluene
Concen: 5.974 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036556.D
Acq: 5 Sep 2018 8:09

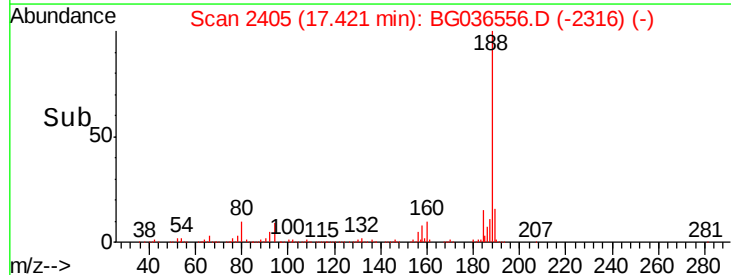
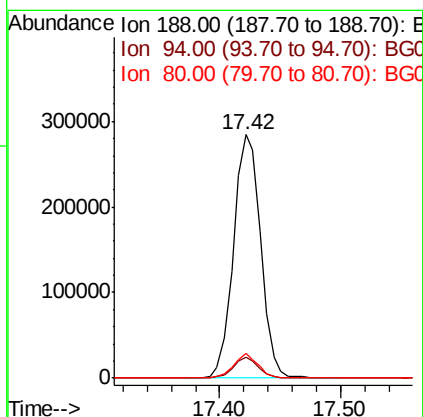
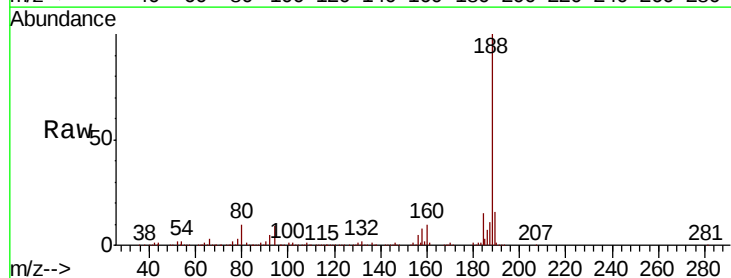
Instrument :
BNA_G
ClientSampleId :

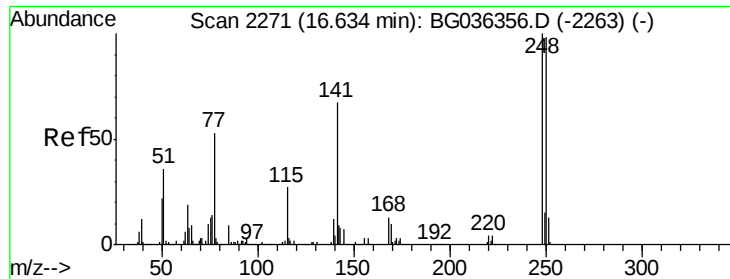
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.1	60.1#
89	1.4	63.7	95.5#
182	0.0	2.5	3.7#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036556.D
Acq: 5 Sep 2018 8:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	10.0	8.1	12.1

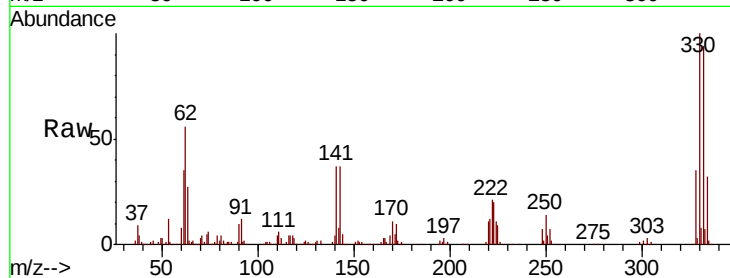




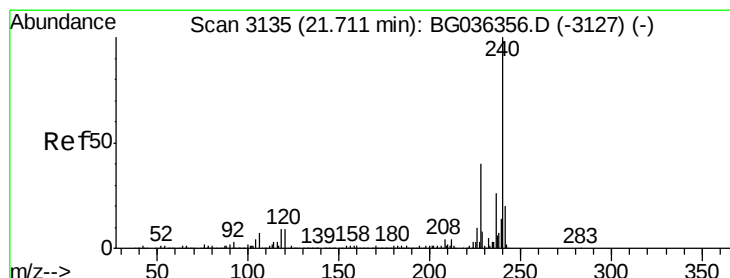
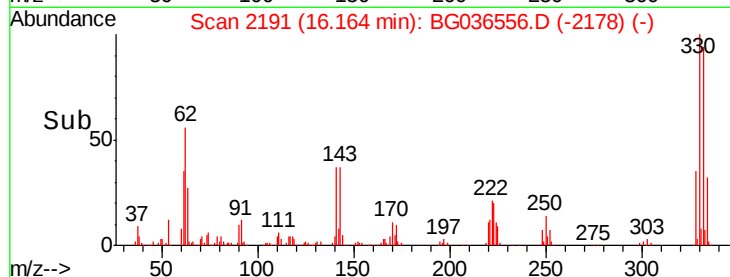
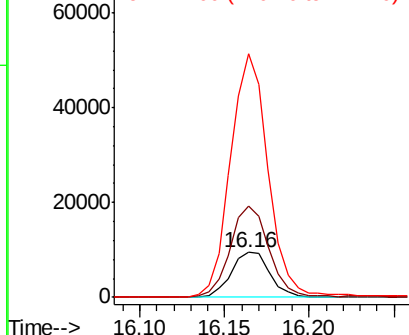
#66
 4-Bromophenyl-phenylether
 Concen: 2.895 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.45 min
 Lab File: BG036556.D
 Acq: 5 Sep 2018 8:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 15104
 Ion Ratio Lower Upper
 248 100
 250 201.1 78.1 117.1#
 141 540.0 53.7 80.5#

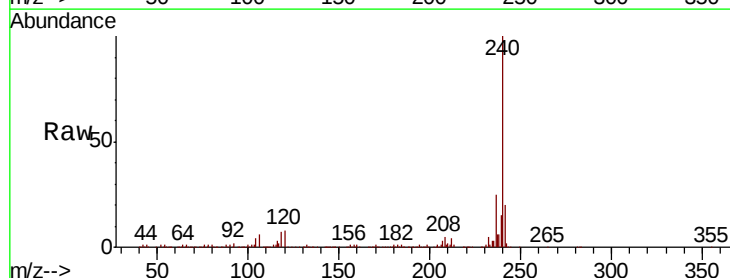


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

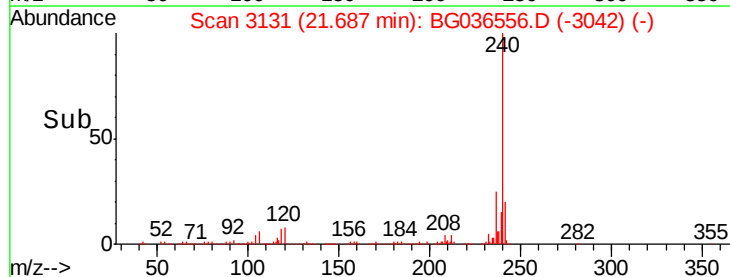
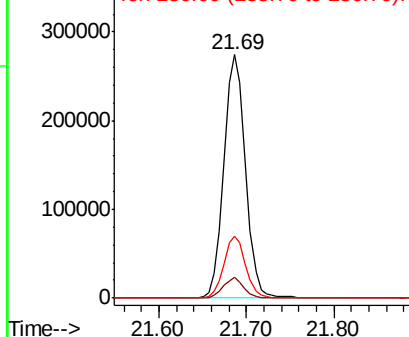


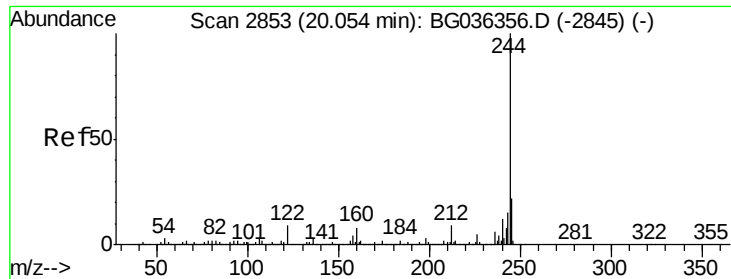
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036556.D
 Acq: 5 Sep 2018 8:09

Tgt Ion:240 Resp: 467969
 Ion Ratio Lower Upper
 240 100
 120 8.5 6.9 10.3
 236 25.4 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: 84.741 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036556.D

Acq: 5 Sep 2018 8:09

Instrument :

BNA_G

ClientSampleId :

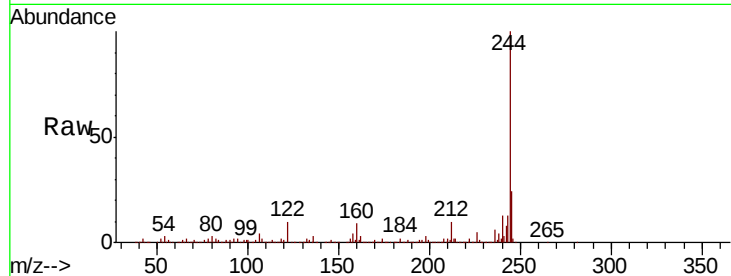
Tot Ion:244 Resp: 1696640

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.6
122	9.6	7.1	10.7

244 100

212 9.5 7.0 10.6

122 9.6 7.1 10.7

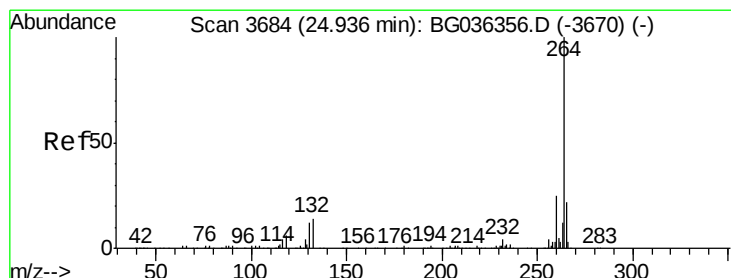
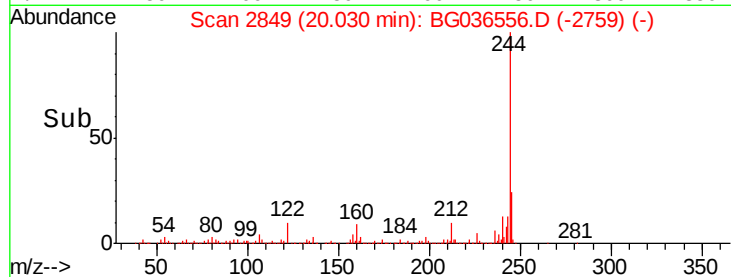
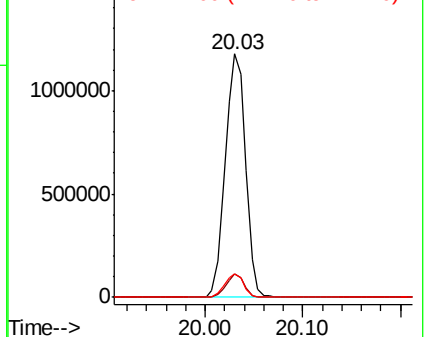


Abundance

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: 24.90 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG036556.D

Acq: 5 Sep 2018 8:09

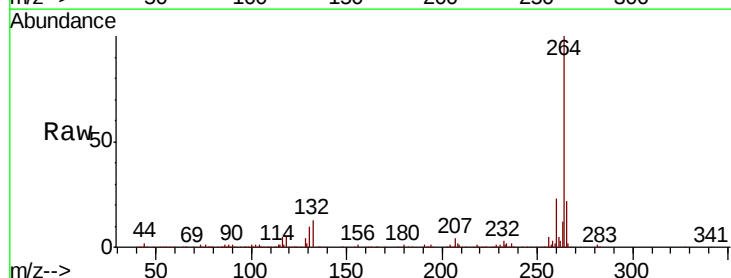
Tgt Ion:264 Resp: 463834

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	21.8	17.4	26.0

264 100

260 23.3 19.6 29.4

265 21.8 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

