

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
 Data File : BG036503.D
 Acq On : 31 Aug 2018 13:15
 Operator : JU/SJ
 Sample : J4677-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 31 13:55:54 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

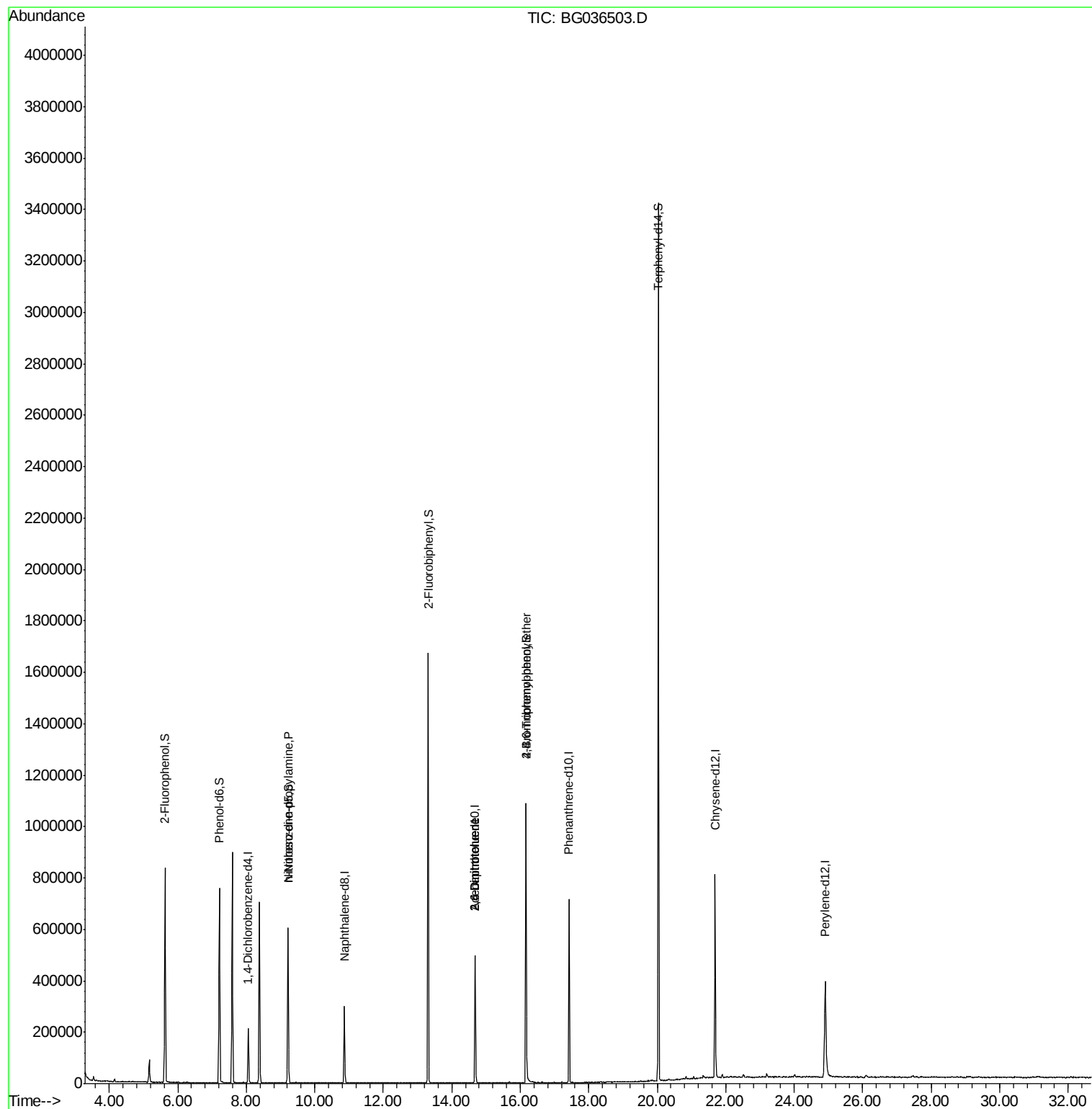
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	60982	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	257047	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	168737	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	449946	20.00	ng	0.00
75) Chrysene-d12	21.69	240	482410	20.00	ng	0.00
86) Perylene-d12	24.90	264	461140	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	351346	91.39	ng	0.00
7) Phenol-d6	7.21	99	434038	78.86	ng	0.00
23) Nitrobenzene-d5	9.22	82	364645	76.97	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	201584	100.12	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	879576	74.43	ng	0.00
78) Terphenyl-d14	20.03	244	1571801	76.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	48666	11.831	ng	# 66
50) 2,6-Dinitrotoluene	14.68	165	21608	7.621	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	21608	5.848	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	14720	2.794	ng	# 1

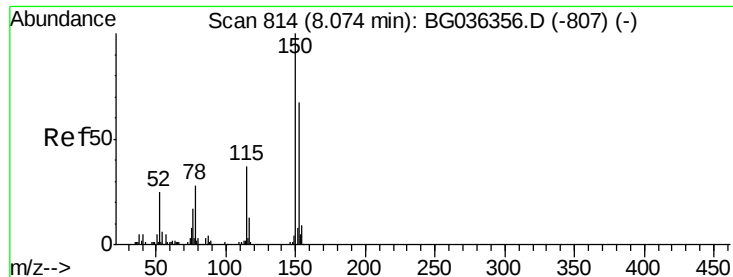
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG036503.D

Acq: 31 Aug 2018 13:15

Instrument :

BNA_G

ClientSampleId :

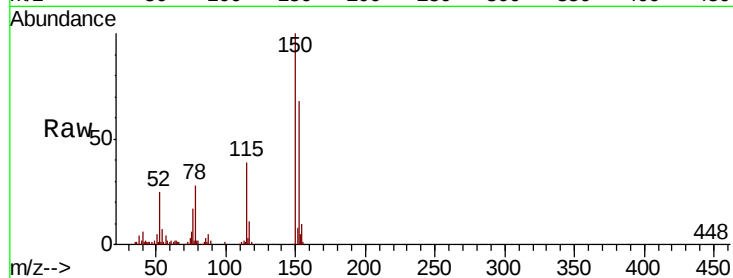
Tot Ion:152 Resp: 60982

Ion Ratio Lower Upper

152 100

150 147.8 119.5 179.3

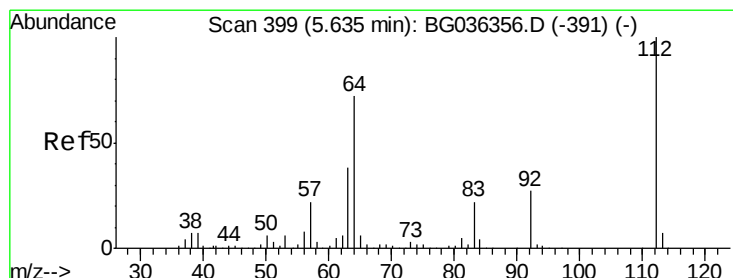
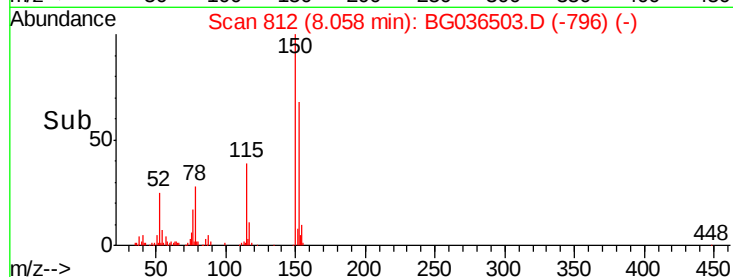
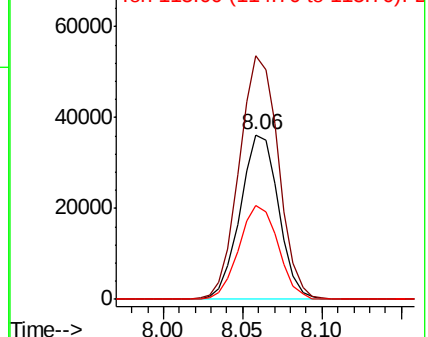
115 57.2 44.5 66.7



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: 91.394 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

Lab File: BG036503.D

Acq: 31 Aug 2018 13:15

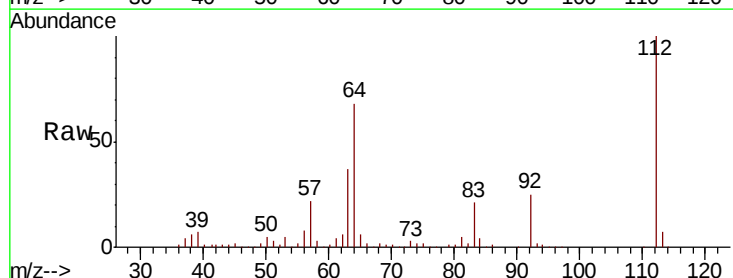
Tgt Ion:112 Resp: 351346

Ion Ratio Lower Upper

112 100

64 67.9 57.2 85.8

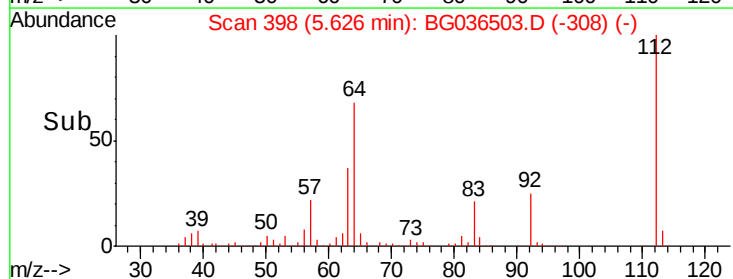
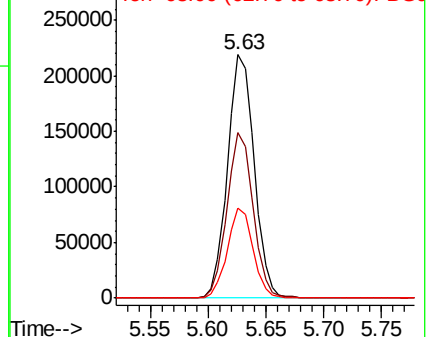
63 37.0 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 78.857 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036503.D

Acq: 31 Aug 2018 13:15

Instrument :

BNA_G

ClientSampleId :

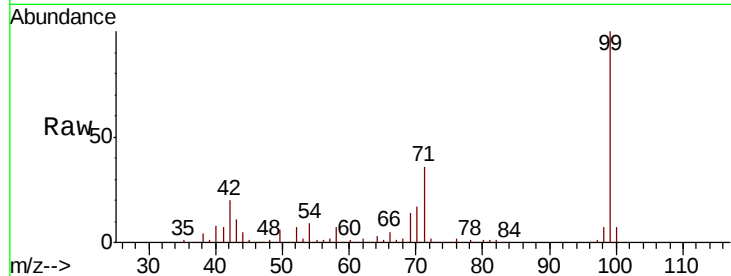
Tot Ion: 99 Resp: 434038

Ion Ratio Lower Upper

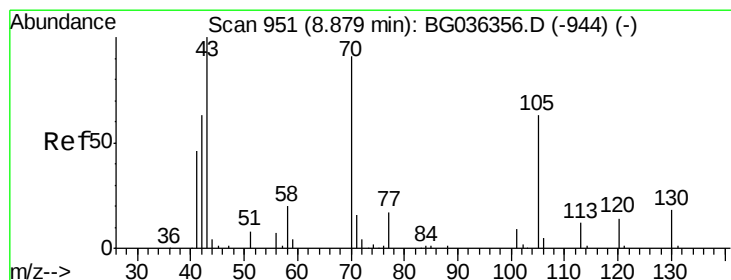
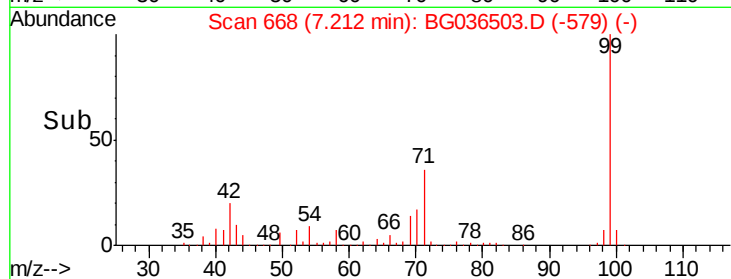
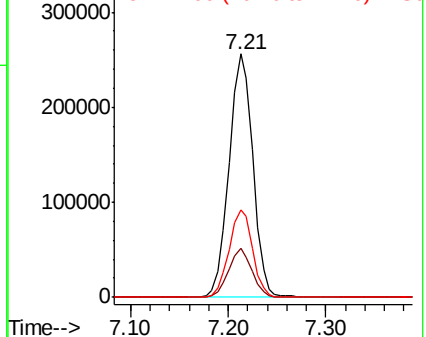
99 100

42 20.2 16.5 24.7

71 35.7 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: 11.831 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036503.D

Acq: 31 Aug 2018 13:15

Tgt Ion: 70 Resp: 48666

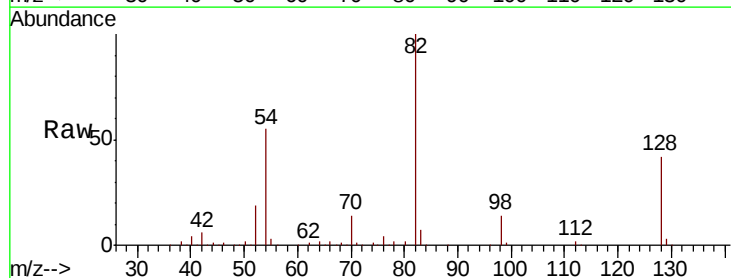
Ion Ratio Lower Upper

70 100

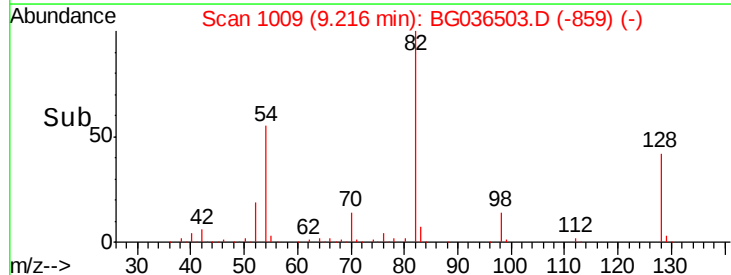
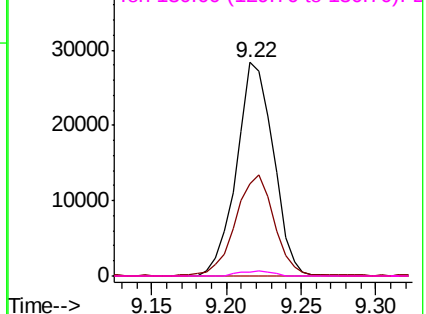
42 43.4 56.2 84.4#

101 0.0 7.8 11.6#

130 1.7 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

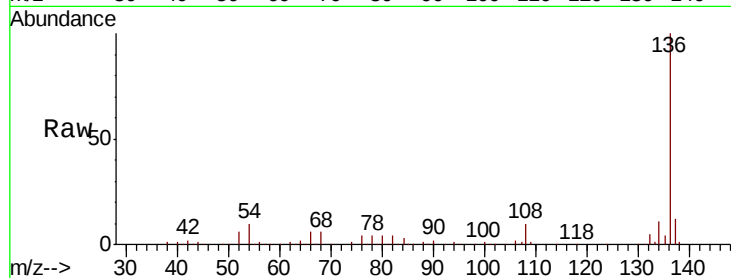




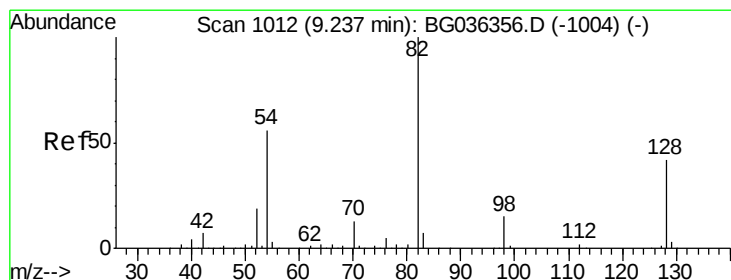
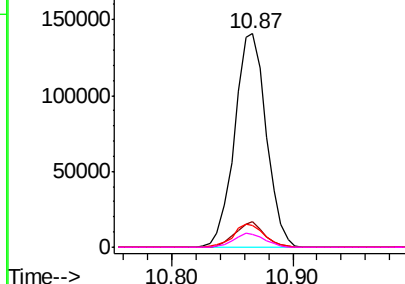
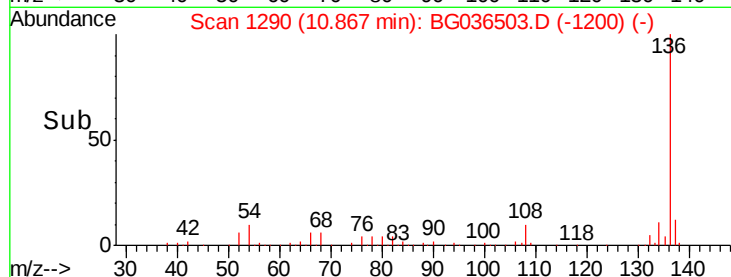
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG036503.D
Acq: 31 Aug 2018 13:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	257047
Ion	Ratio	Lower Upper
136	100	
137	11.8	8.8 13.2
54	10.4	9.2 13.8
68	6.3	5.8 8.6

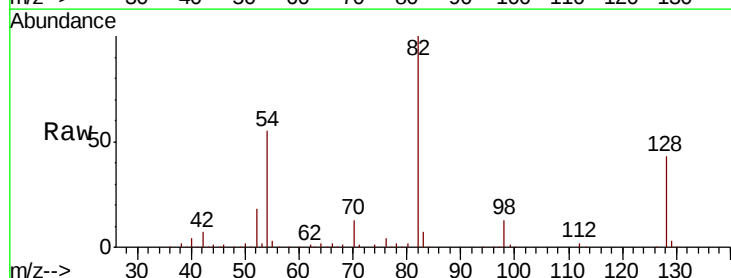


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

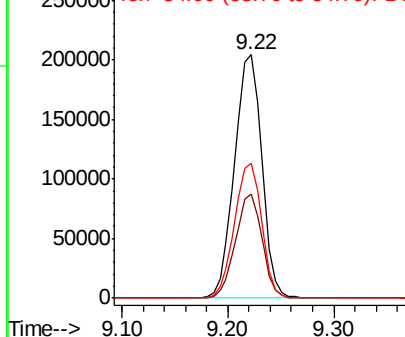
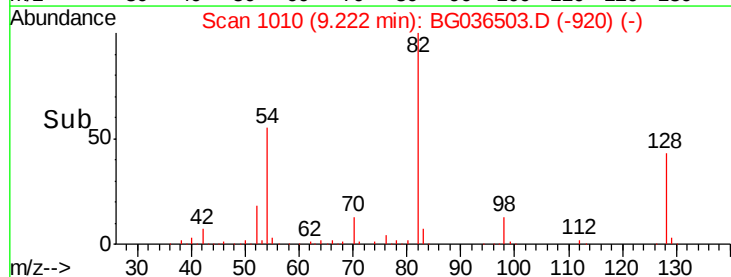


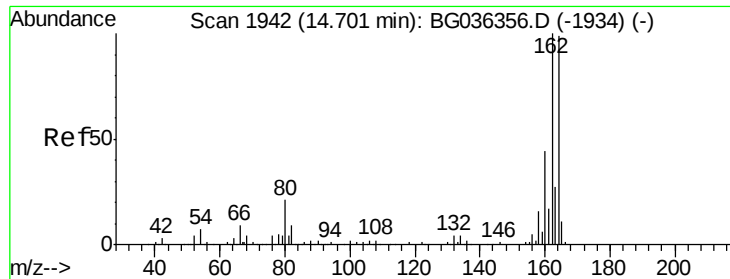
#23
Nitrobenzene-d5
Concen: 76.968 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG036503.D
Acq: 31 Aug 2018 13:15

Tgt Ion: 82	Resp:	364645
Ion	Ratio	Lower Upper
82	100	
128	43.0	33.3 49.9
54	55.4	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: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG036503.D

Acq: 31 Aug 2018 13:15

Instrument :

BNA_G

ClientSampleId :

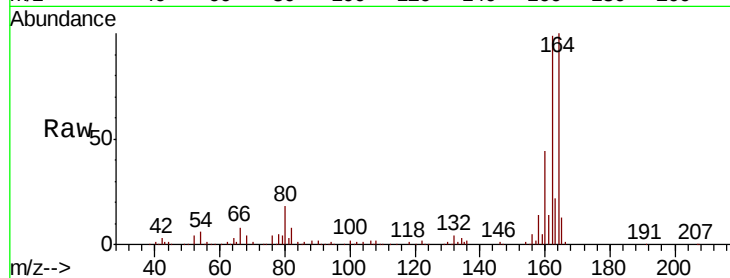
Tot Ion:164 Resp: 168737

Ion Ratio Lower Upper

164 100

162 99.4 80.7 121.1

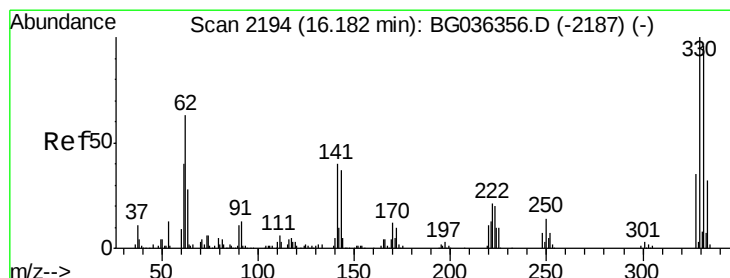
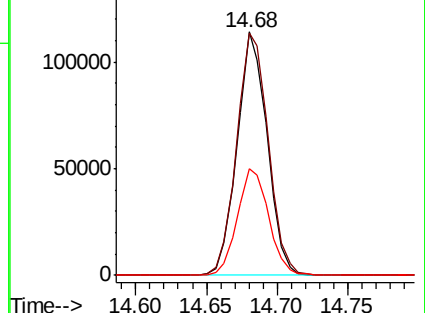
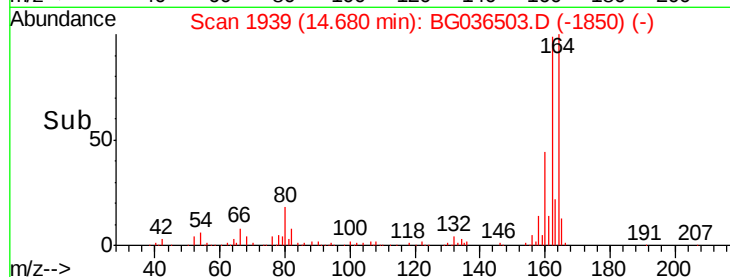
160 44.1 35.3 52.9



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: 100.121 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG036503.D

Acq: 31 Aug 2018 13:15

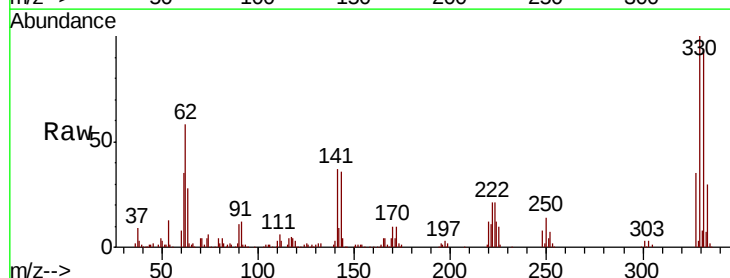
Tgt Ion:330 Resp: 201584

Ion Ratio Lower Upper

330 100

332 98.5 75.4 113.2

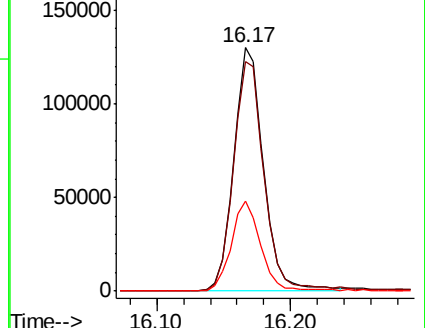
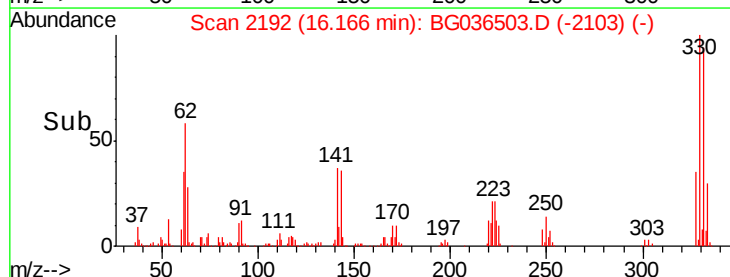
141 37.1 30.7 46.1



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

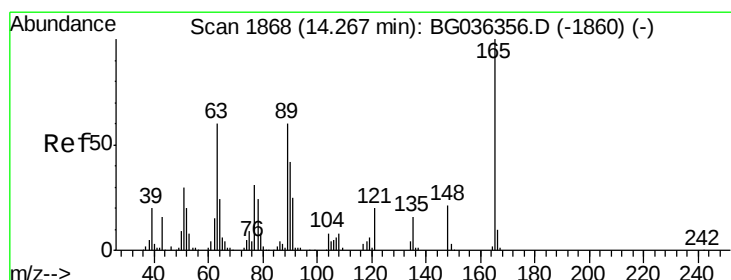
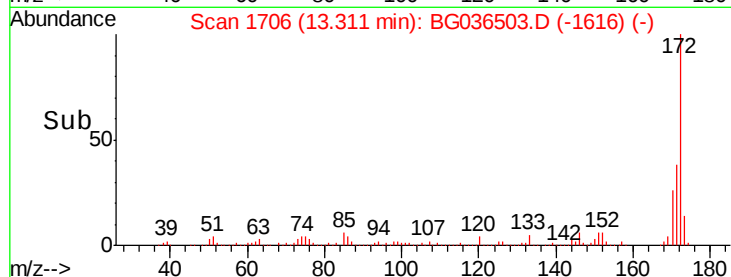
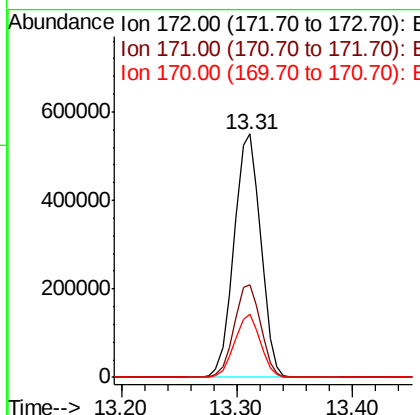
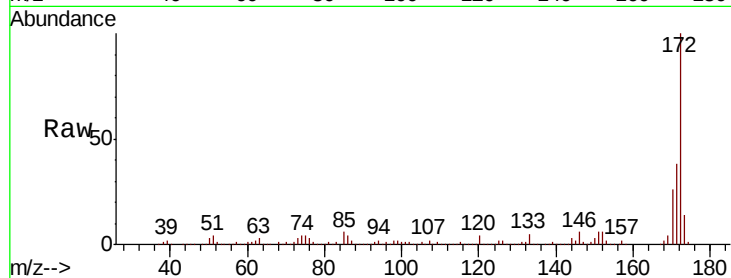




#44
2-Fluorobiphenyl
Concen: 74.428 ng
RT: 13.31 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BG036503.D
Acq: 31 Aug 2018 13:15

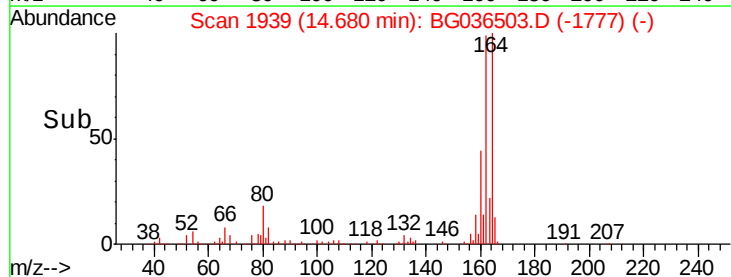
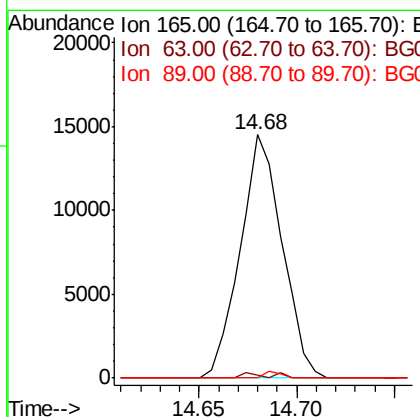
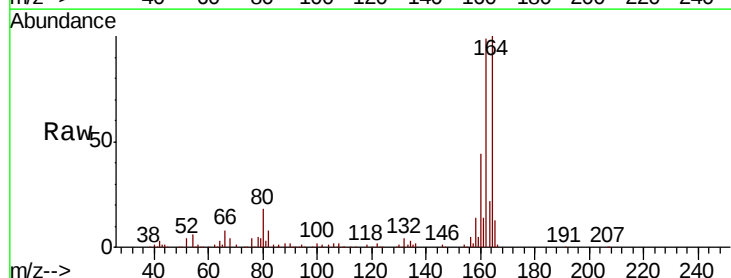
Instrument :
BNA_G
ClientSampleId :

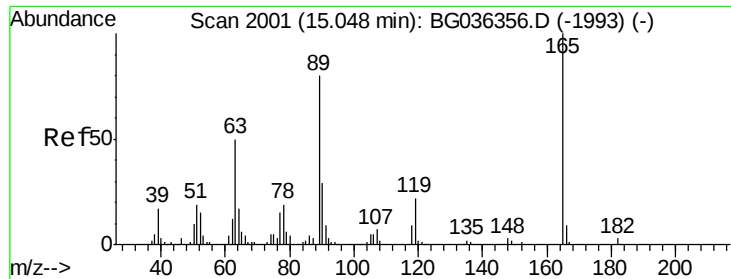
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	25.9	21.0	31.6



#50
2,6-Dinitrotoluene
Concen: 7.621 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.42 min
Lab File: BG036503.D
Acq: 31 Aug 2018 13:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	50.1	75.1#
89	0.0	47.8	71.6#

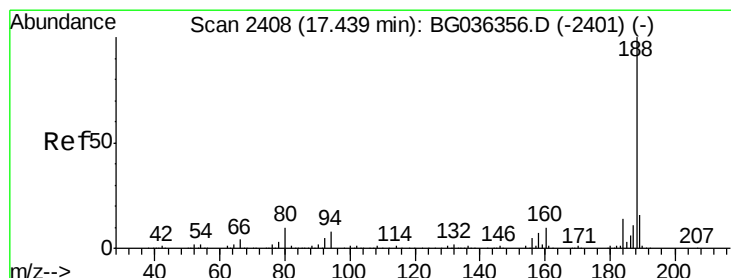
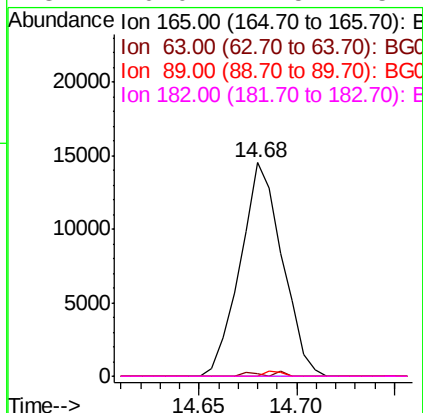
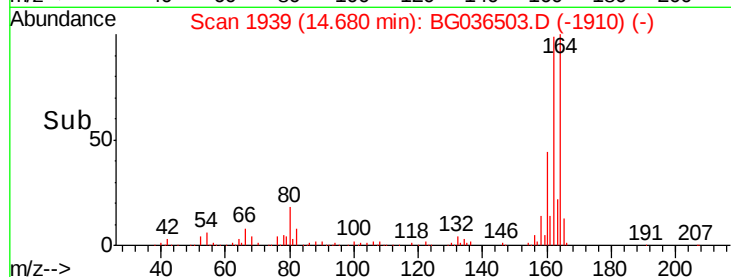
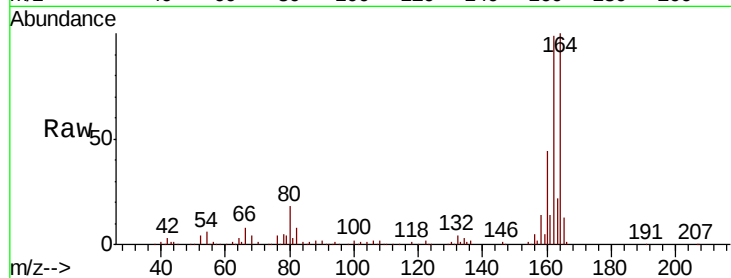




#56
 2,4-Dinitrotoluene
 Concen: 5.848 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036503.D
 Acq: 31 Aug 2018 13:15

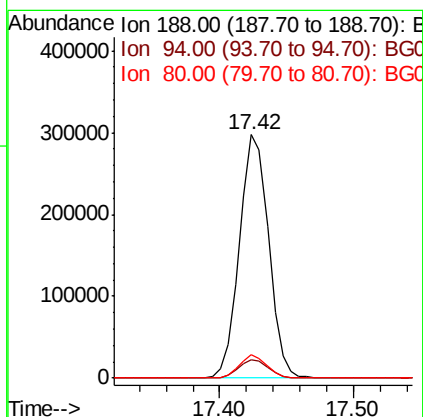
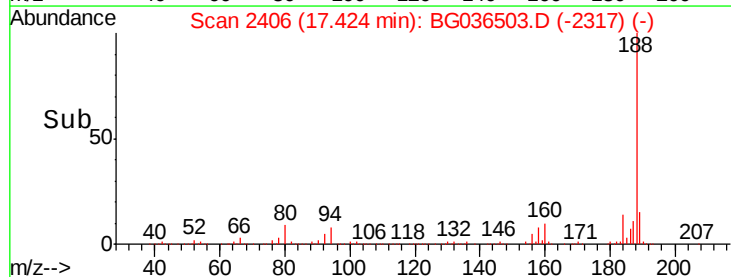
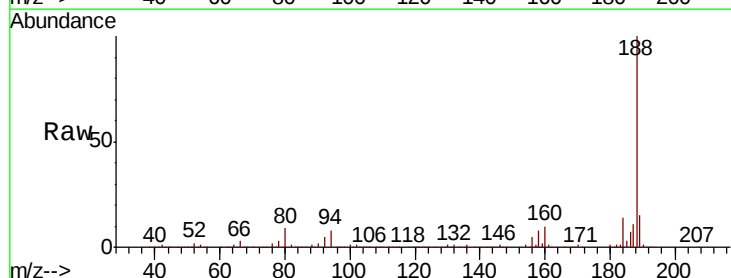
Instrument :
 BNA_G
 ClientSampleId :

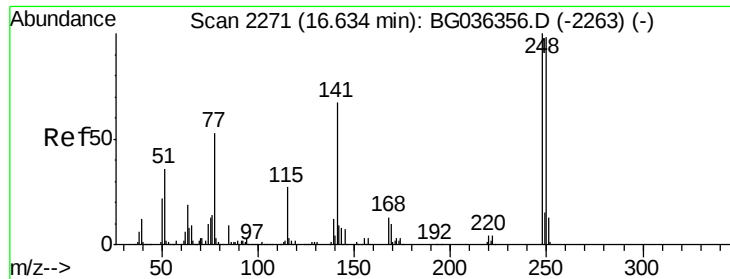
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036503.D
 Acq: 31 Aug 2018 13:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	9.5	8.1	12.1

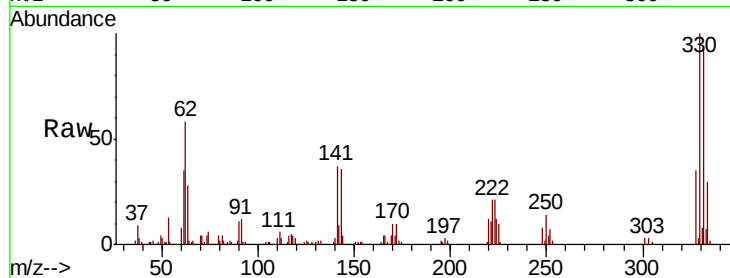




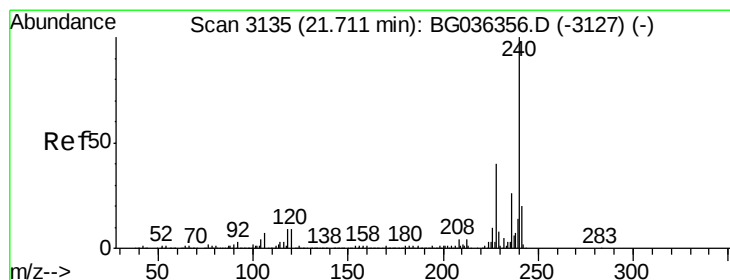
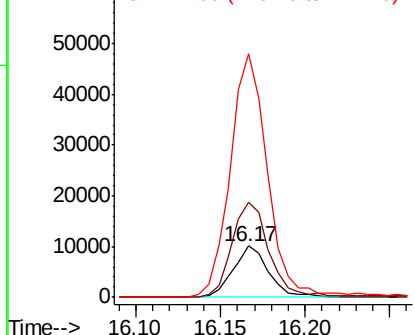
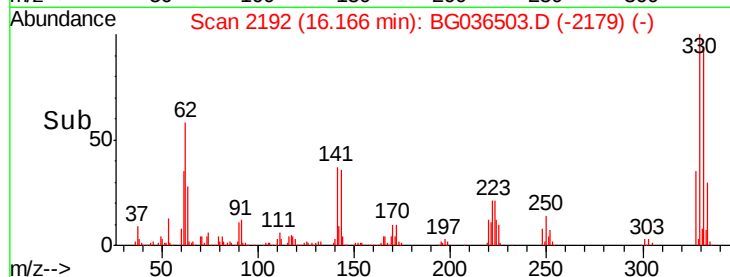
#66
4-Bromophenyl-phenylether
Concen: 2.794 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.45 min
Lab File: BG036503.D
Acq: 31 Aug 2018 13:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 14720
Ion Ratio Lower Upper
248 100
250 186.7 78.1 117.1#
141 475.7 53.7 80.5#

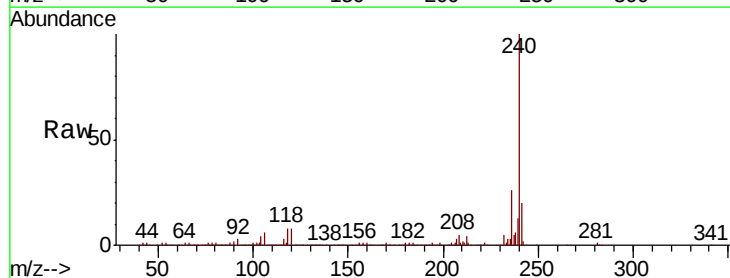


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

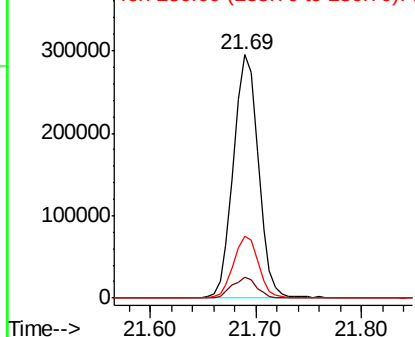
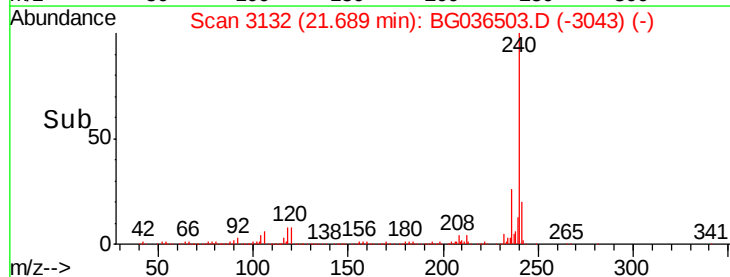


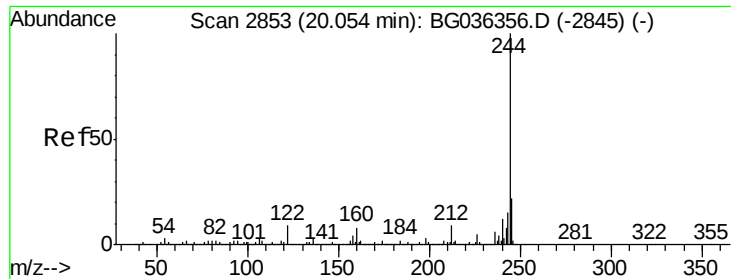
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG036503.D
Acq: 31 Aug 2018 13:15

Tgt Ion:240 Resp: 482410
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 25.5 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: 76.156 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036503.D

Acq: 31 Aug 2018 13:15

Instrument :

BNA_G

ClientSampled :

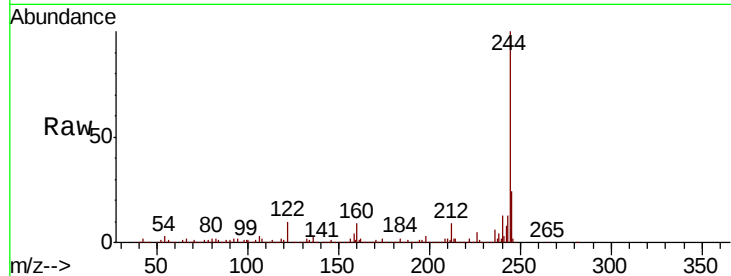
Tot Ion:244 Resp: 1571801

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

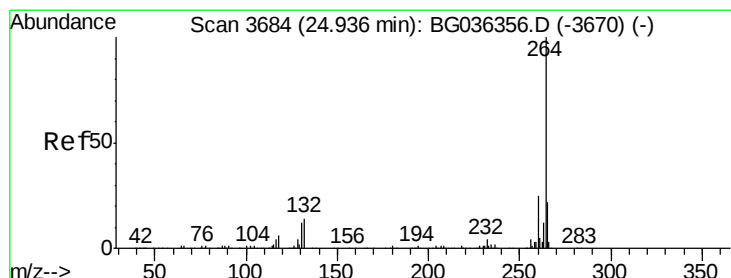
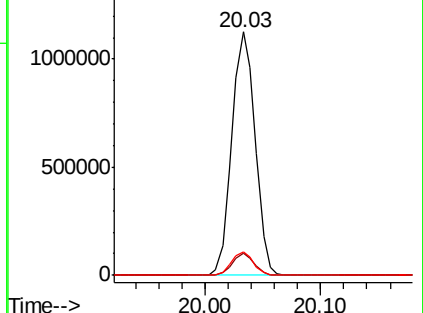
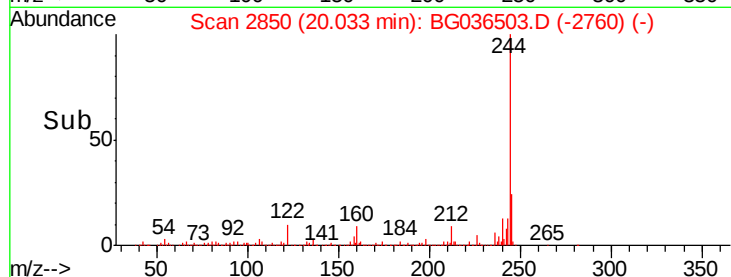
122 9.5 7.1 10.7



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# 3679

Delta R.T. 0.00 min

Lab File: BG036503.D

Acq: 31 Aug 2018 13:15

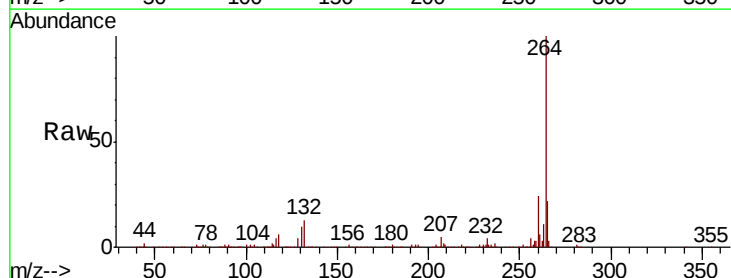
Tgt Ion:264 Resp: 461140

Ion Ratio Lower Upper

264 100

260 24.0 19.6 29.4

265 21.7 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

