

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092118\
 Data File : BG036879.D
 Acq On : 22 Sep 2018 4:29
 Operator : JU/SJ
 Sample : PB113112BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PB113112BL

Quant Time: Sep 22 06:53:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

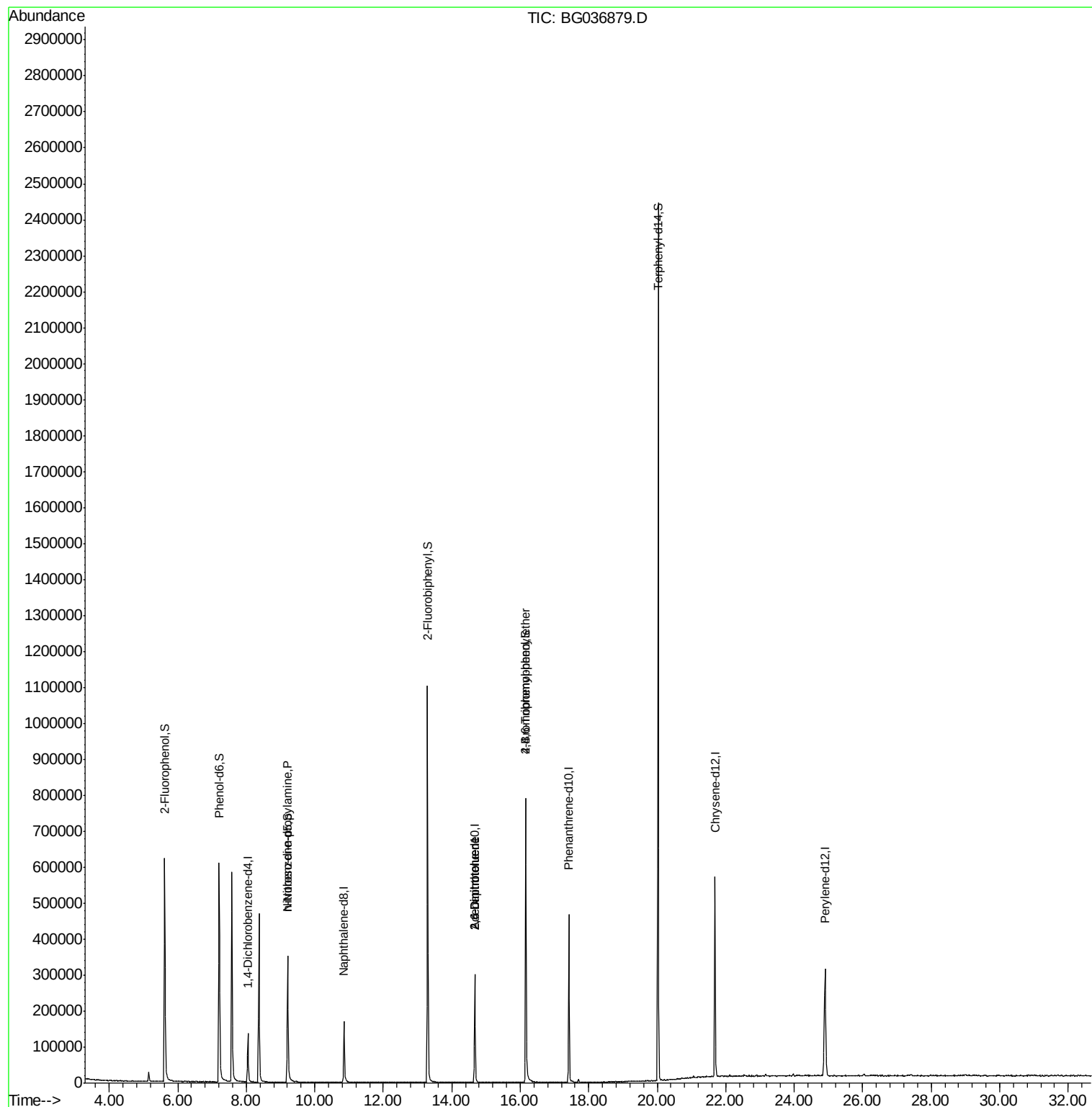
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	42875	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	168688	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	116117	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	316592	20.00	ng	0.00
75) Chrysene-d12	21.68	240	357026	20.00	ng	0.00
86) Perylene-d12	24.90	264	346112	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	303933	135.95	ng	0.00
7) Phenol-d6	7.21	99	410600	118.71	ng	0.00
23) Nitrobenzene-d5	9.21	82	256768	81.51	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	168556	121.33	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	627356	80.47	ng	0.00
78) Terphenyl-d14	20.03	244	1218762	89.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	31428	10.922	ng	# 72
50) 2,6-Dinitrotoluene	14.68	165	14363	7.043	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	14363	5.048	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	11296	3.137	ng	# 1

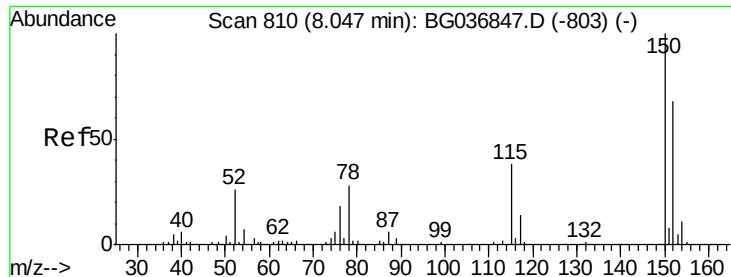
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 810

Delta R.T. 0.00 min

Lab File: BG036879.D

Acq: 22 Sep 2018 4:29

Instrument :

MSVOA_W

ClientSampleId :

PB113112BL

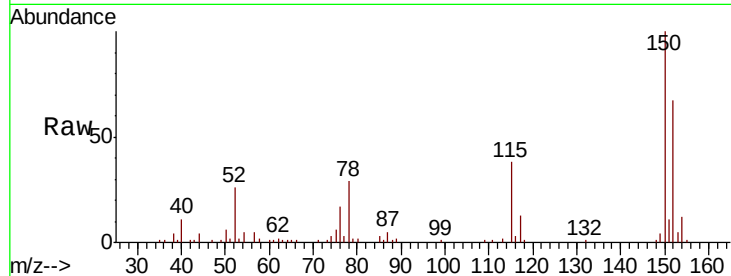
Tgt Ion:152 Resp: 42875

Ion Ratio Lower Upper

152 100

150 149.3 119.5 179.3

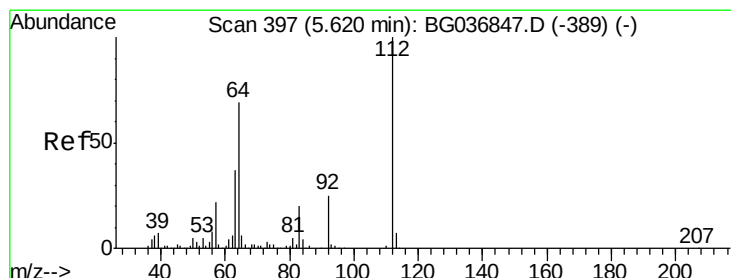
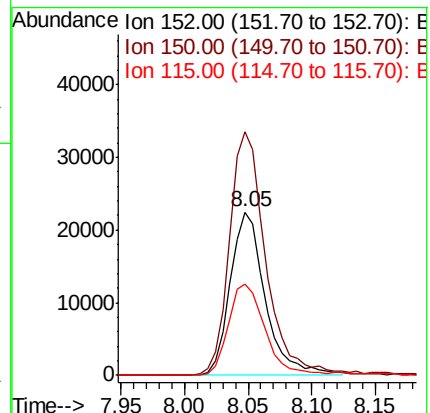
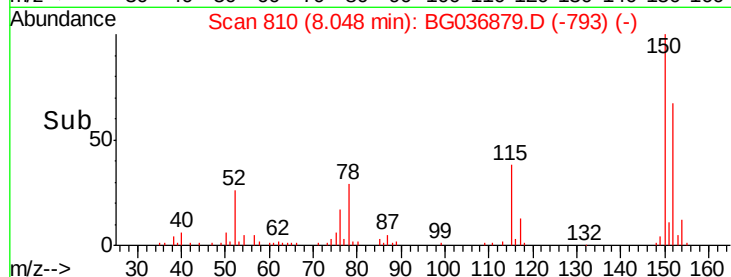
115 56.2 44.5 66.7



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: 135.948 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BG036879.D

Acq: 22 Sep 2018 4:29

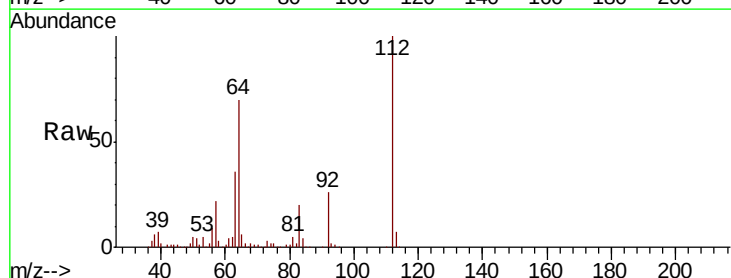
Tgt Ion:112 Resp: 303933

Ion Ratio Lower Upper

112 100

64 70.5 57.2 85.8

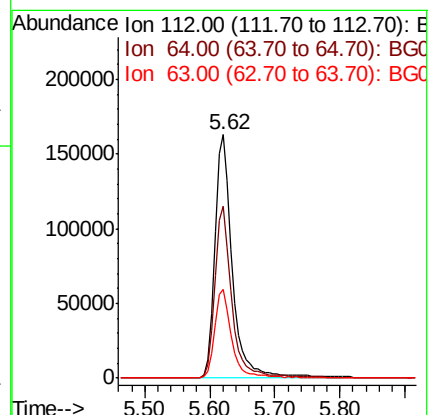
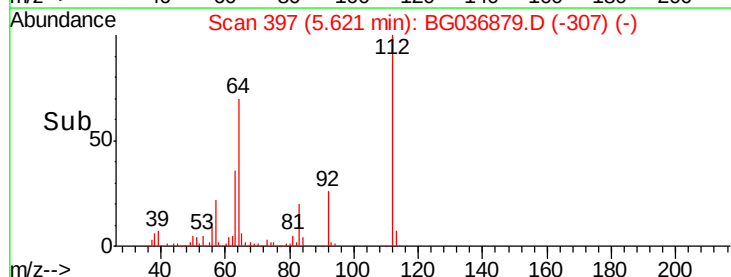
63 36.3 30.8 46.2

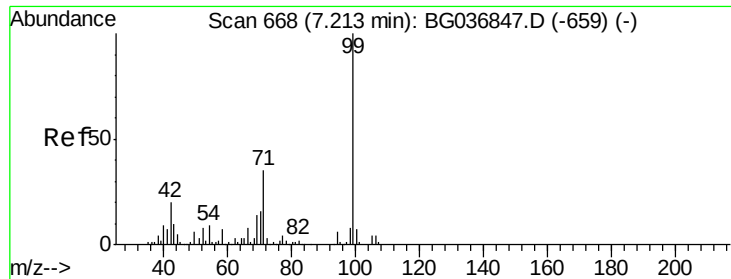


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 118.707 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036879.D

Acq: 22 Sep 2018 4:29

Instrument :

MSVOA_W

ClientSampleId :

PB113112BL

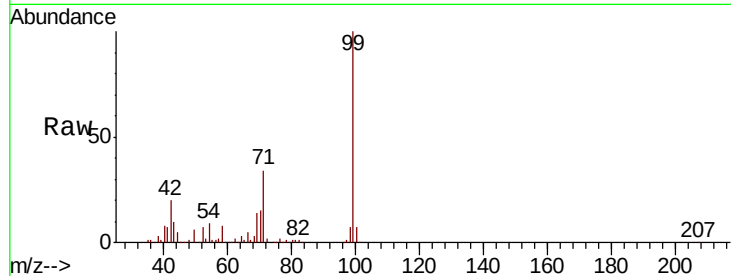
Tgt Ion: 99 Resp: 410600

Ion Ratio Lower Upper

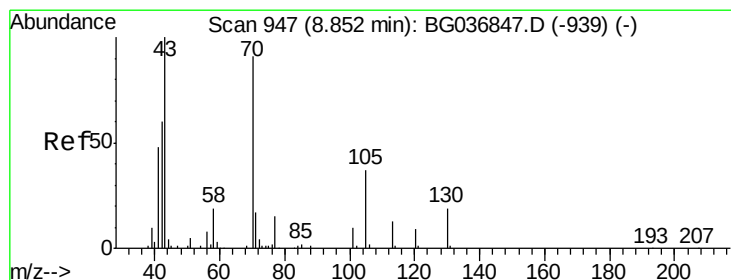
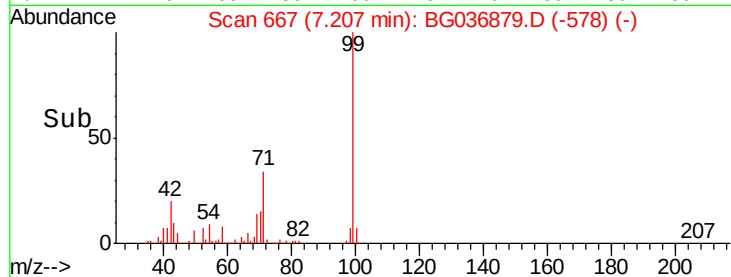
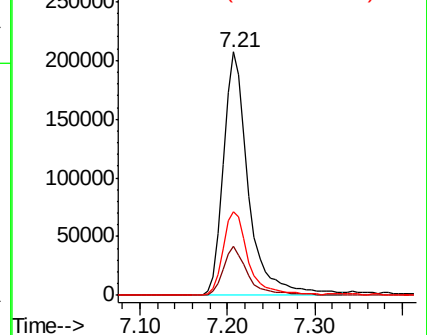
99 100

42 20.4 16.5 24.7

71 34.4 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: 10.922 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.36 min

Lab File: BG036879.D

Acq: 22 Sep 2018 4:29

Tgt Ion: 70 Resp: 31428

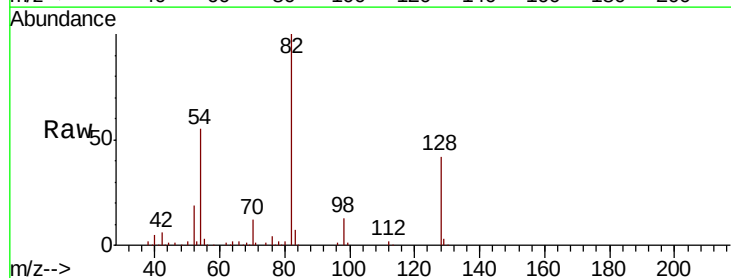
Ion Ratio Lower Upper

70 100

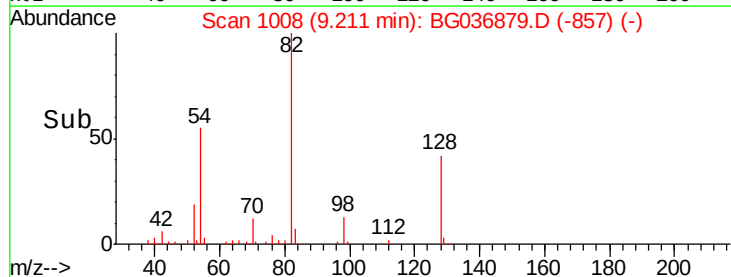
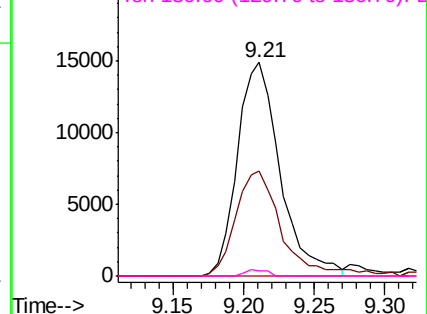
42 49.1 56.2 84.4#

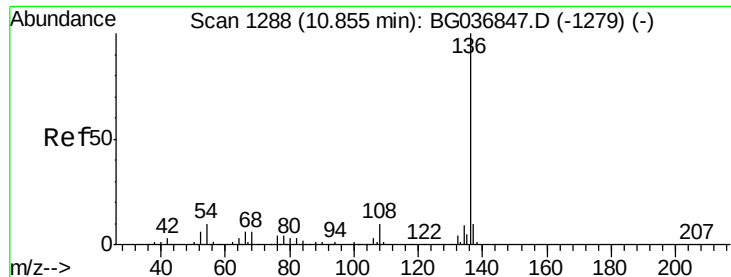
101 0.0 7.8 11.6#

130 2.3 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

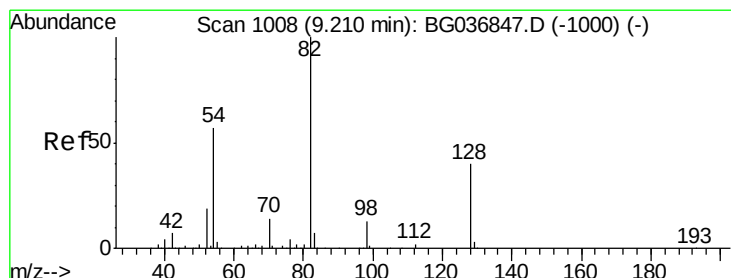
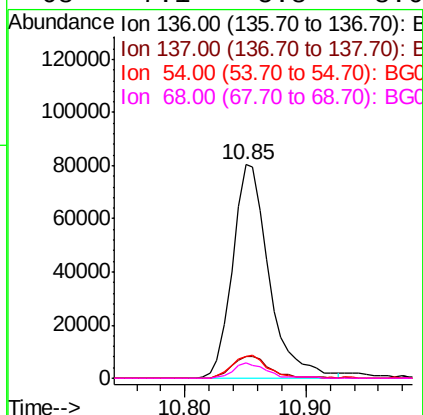
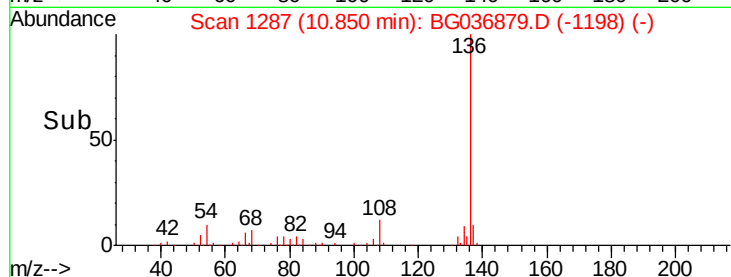
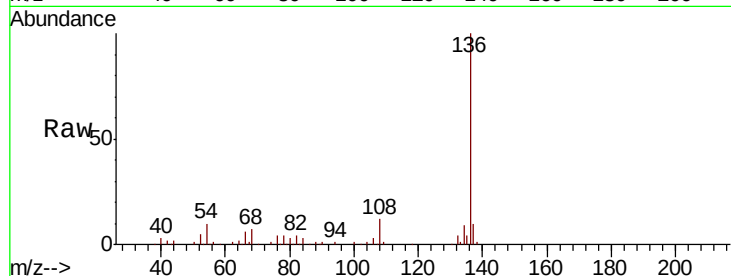




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036879.D
Acq: 22 Sep 2018 4:29

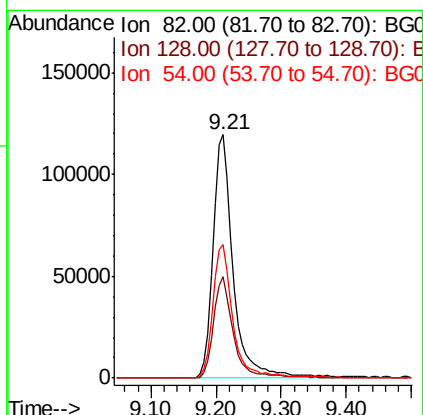
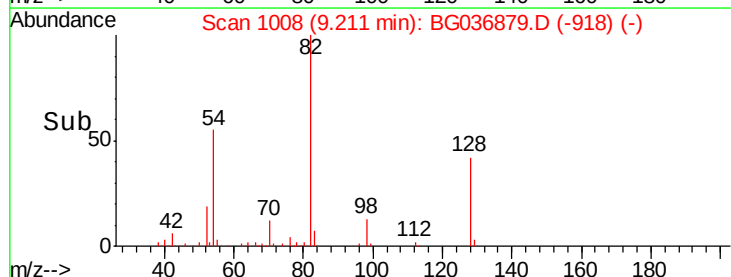
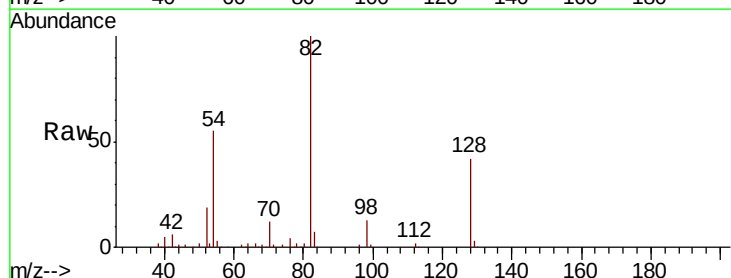
Instrument :
MSVOA_W
ClientSampleId :
PB113112BL

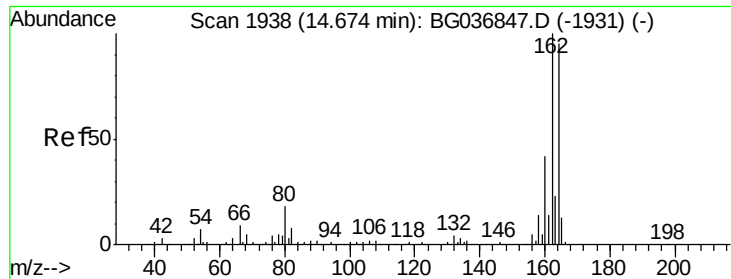
Tgt Ion:	136	Resp:	168688
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	10.2	9.2	13.8
68	7.1	5.8	8.6



#23
Nitrobenzene-d5
Concen: 81.513 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG036879.D
Acq: 22 Sep 2018 4:29

Tgt Ion:	82	Resp:	256768
Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	54.7	45.1	67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG036879.D

Acq: 22 Sep 2018 4:29

Instrument :

MSVOA_W

ClientSampleId :

PB113112BL

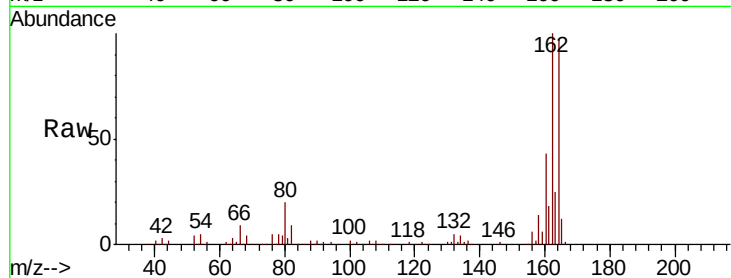
Tgt Ion:164 Resp: 116117

Ion Ratio Lower Upper

164 100

162 103.4 80.7 121.1

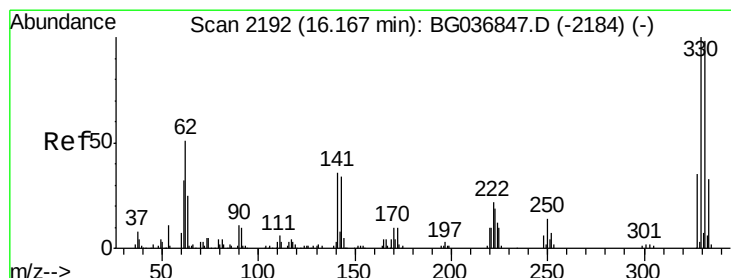
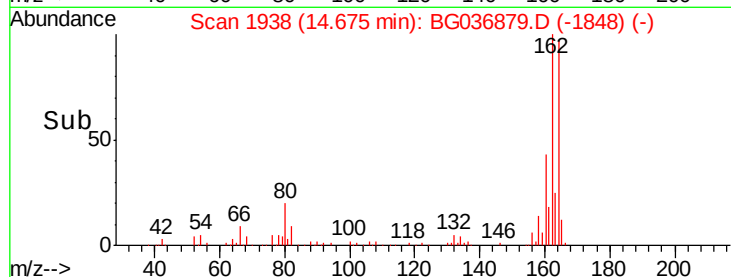
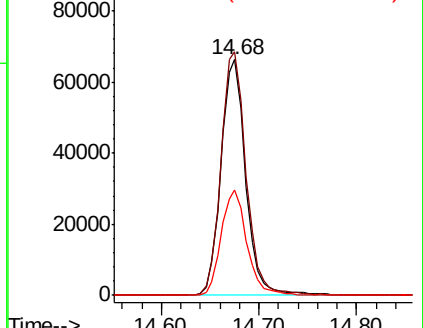
160 44.8 35.3 52.9



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: 121.327 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036879.D

Acq: 22 Sep 2018 4:29

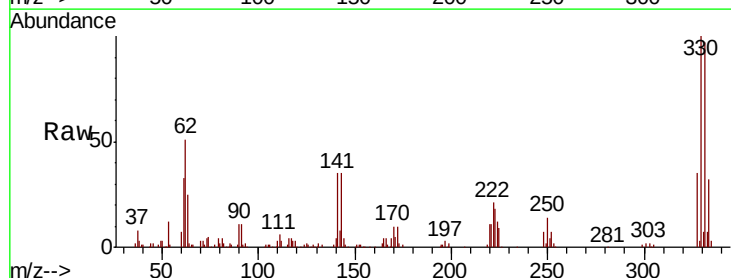
Tgt Ion:330 Resp: 168556

Ion Ratio Lower Upper

330 100

332 94.3 75.4 113.2

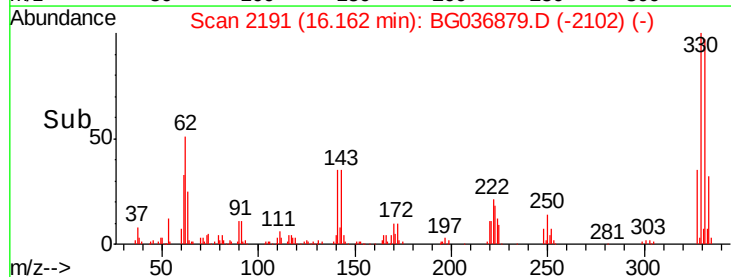
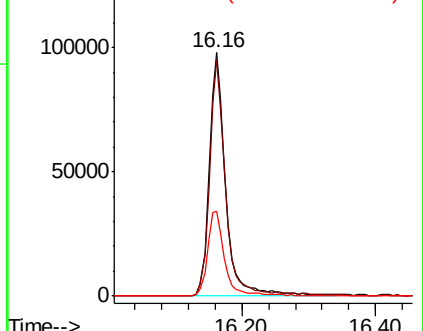
141 36.2 30.7 46.1

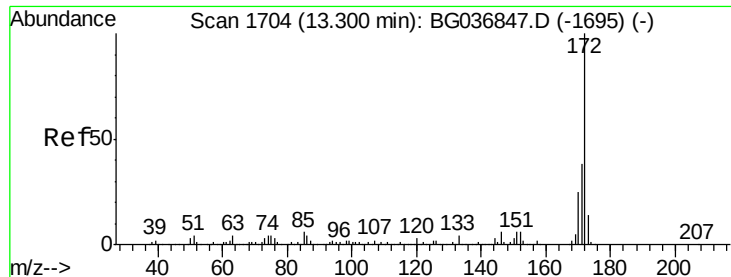


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

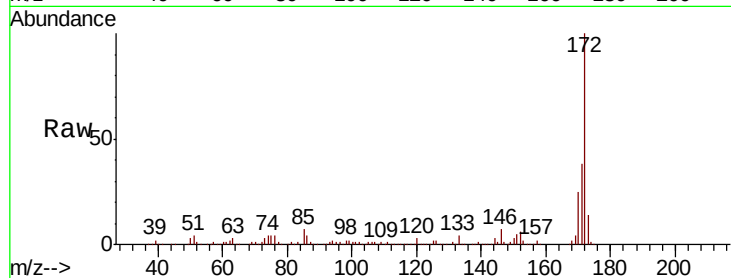




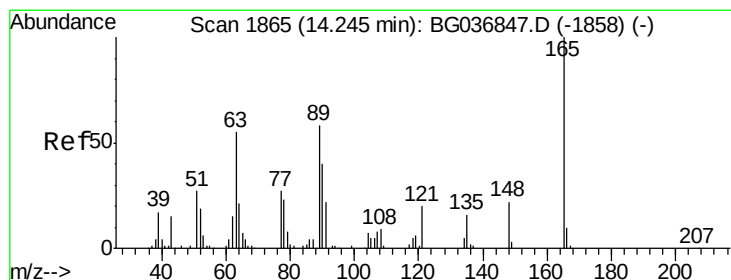
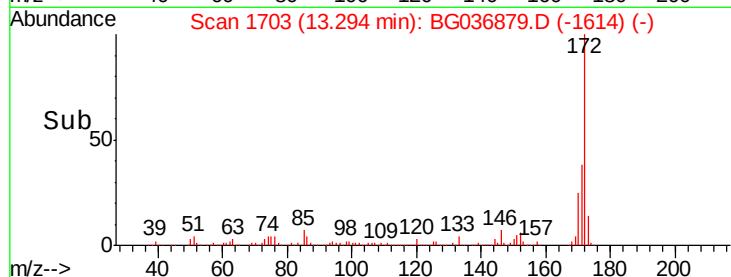
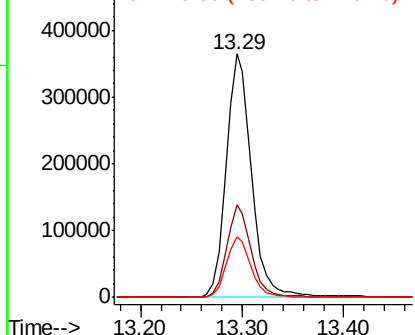
#44
 2-Fluorobiphenyl
 Concen: 80.469 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036879.D
 Acq: 22 Sep 2018 4:29

Instrument :
 MSVOA_W
 ClientSampleId :
 PB113112BL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.3	46.9
170	24.8	21.0	31.6

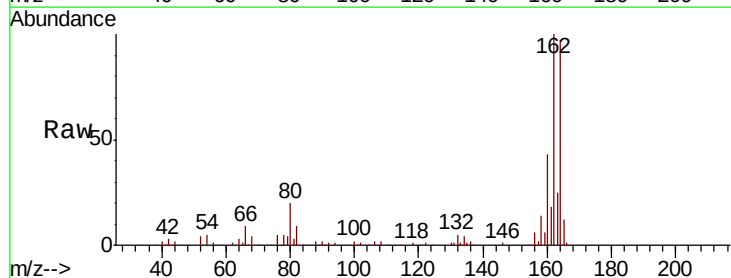


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

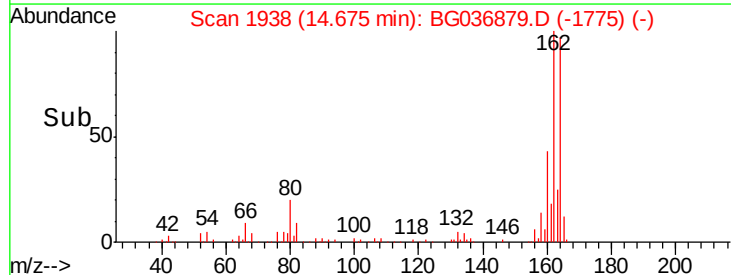
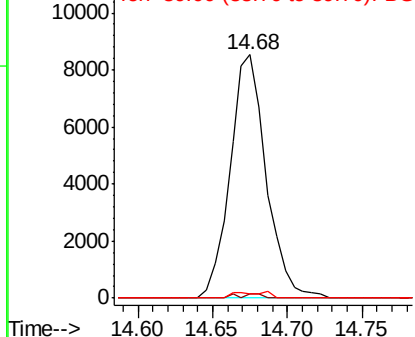


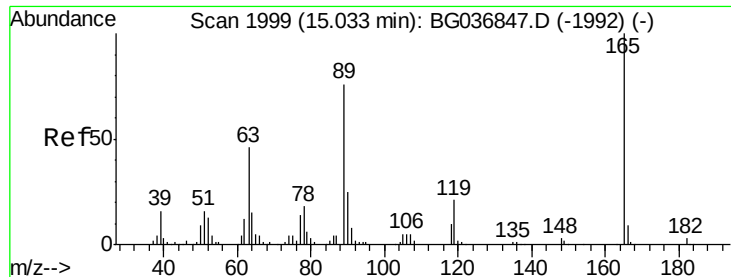
#50
 2,6-Dinitrotoluene
 Concen: 7.043 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. 0.43 min
 Lab File: BG036879.D
 Acq: 22 Sep 2018 4:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	50.1	75.1#
89	1.8	47.8	71.6#



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

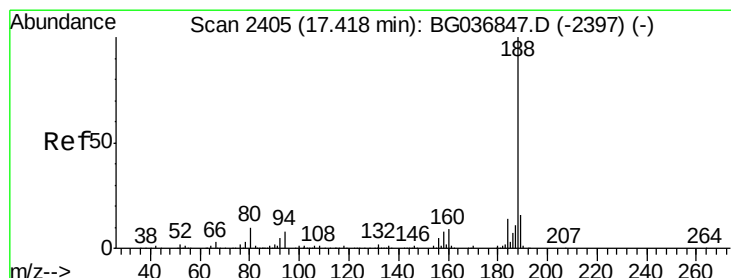
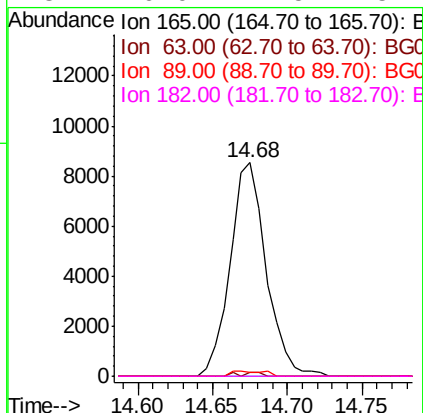
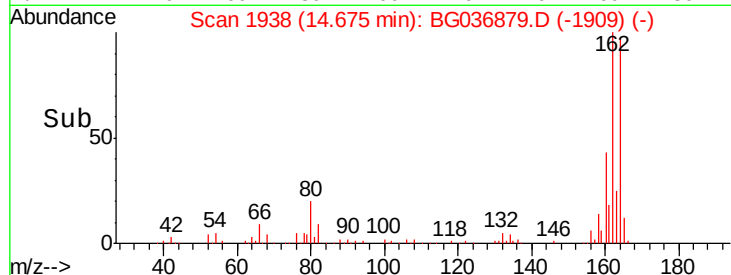
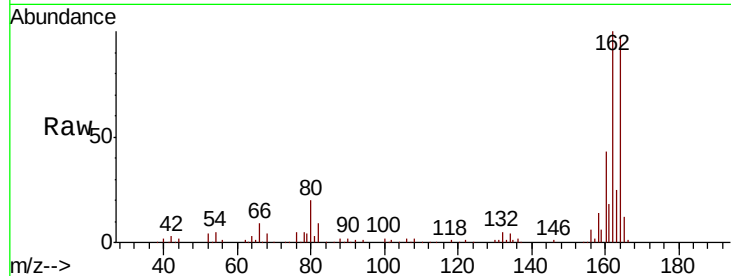




#56
 2,4-Dinitrotoluene
 Concen: 5.048 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036879.D
 Acq: 22 Sep 2018 4:29

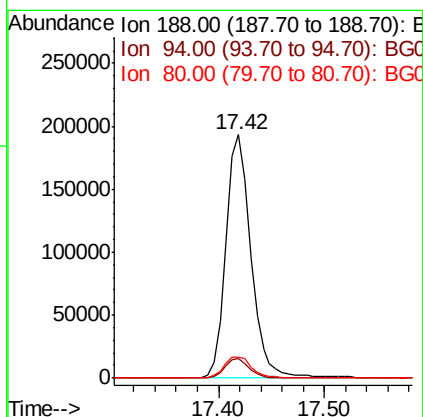
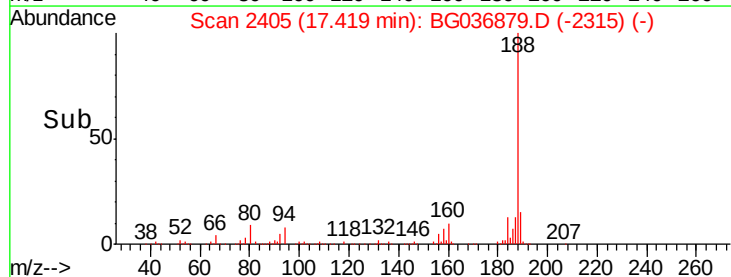
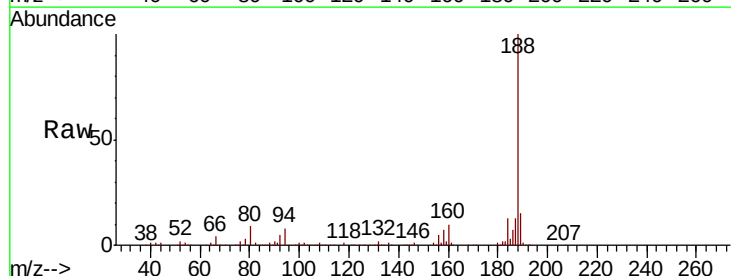
Instrument :
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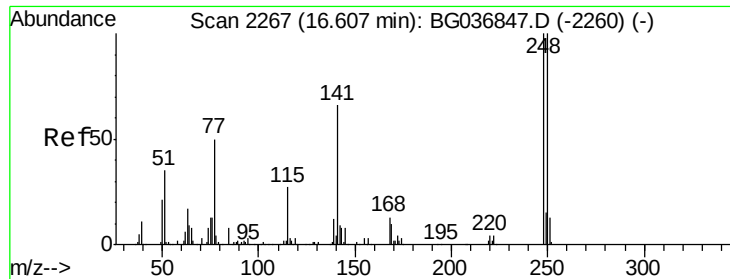
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.1	60.1#
89	1.8	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. 0.00 min
 Lab File: BG036879.D
 Acq: 22 Sep 2018 4:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	8.5	8.1	12.1

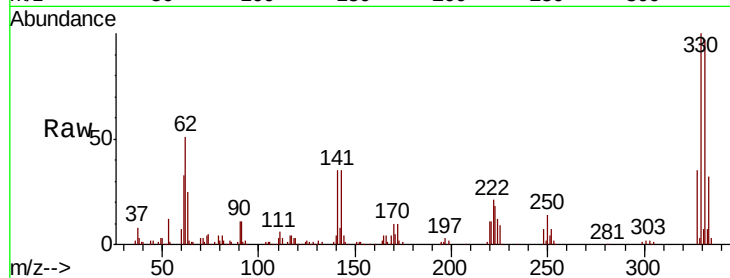




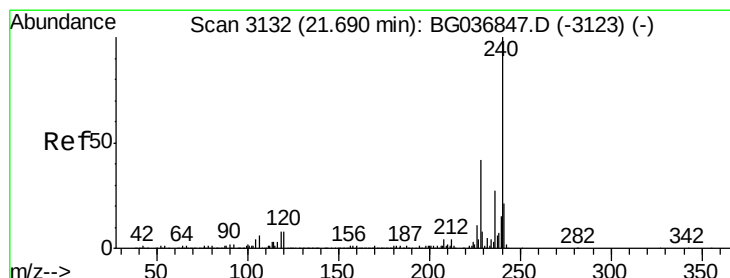
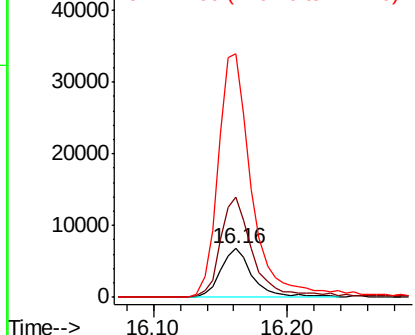
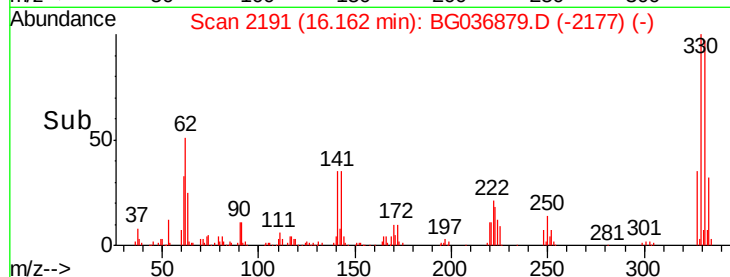
#66
 4-Bromophenyl-phenylether
 Concen: 3.137 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.45 min
 Lab File: BG036879.D
 Acq: 22 Sep 2018 4:29

Instrument :
 MSVOA_W
 ClientSampleId :
 PB113112BL

Tgt Ion:248 Resp: 11296
 Ion Ratio Lower Upper
 248 100
 250 205.4 78.1 117.1#
 141 498.6 53.7 80.5#

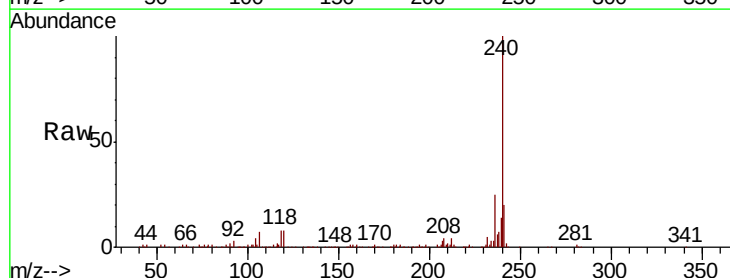


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

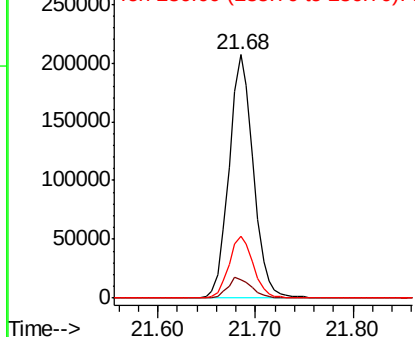
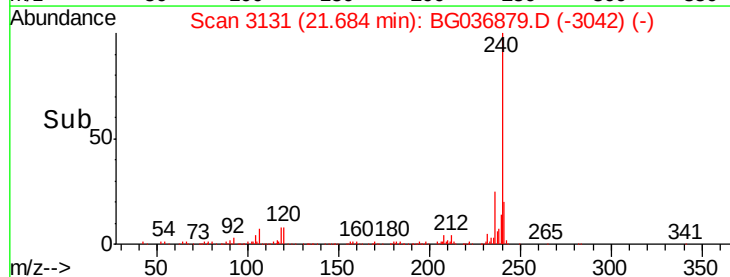


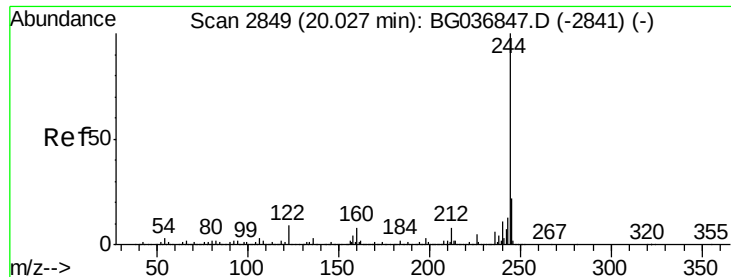
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036879.D
 Acq: 22 Sep 2018 4:29

Tgt Ion:240 Resp: 357026
 Ion Ratio Lower Upper
 240 100
 120 7.7 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: 89.762 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG036879.D

Acq: 22 Sep 2018 4:29

Instrument :

MSVOA_W

ClientSampled :

PB113112BL

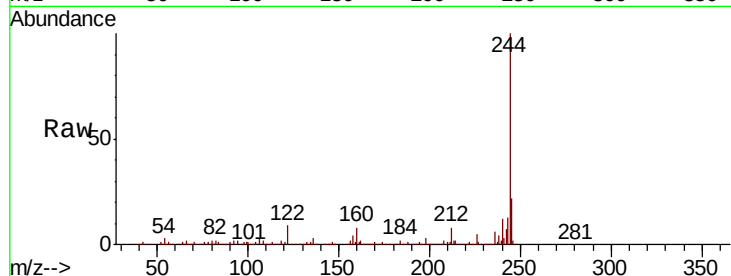
Tgt Ion:244 Resp: 1218762

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

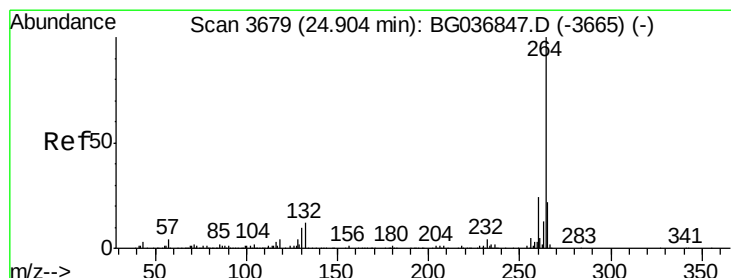
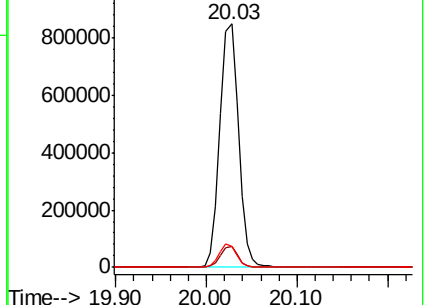
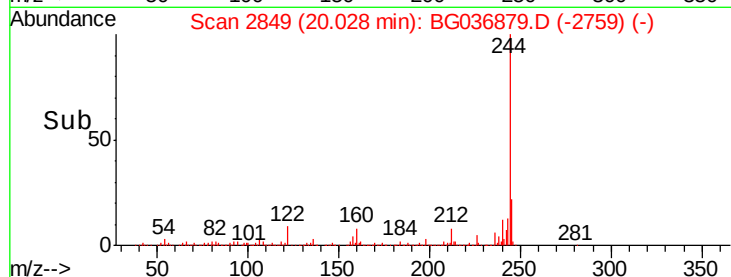
122 8.5 7.1 10.7



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# 3678

Delta R.T. -0.01 min

Lab File: BG036879.D

Acq: 22 Sep 2018 4:29

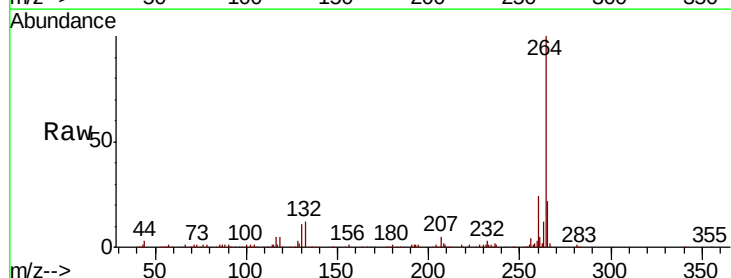
Tgt Ion:264 Resp: 346112

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 22.4 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

