

Data File : BG036739.D
Acq On : 15 Sep 2018 13:40
Operator : JU/SJ
Sample : J4906-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-PIT-3

Quant Time: Sep 17 03:49:41 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

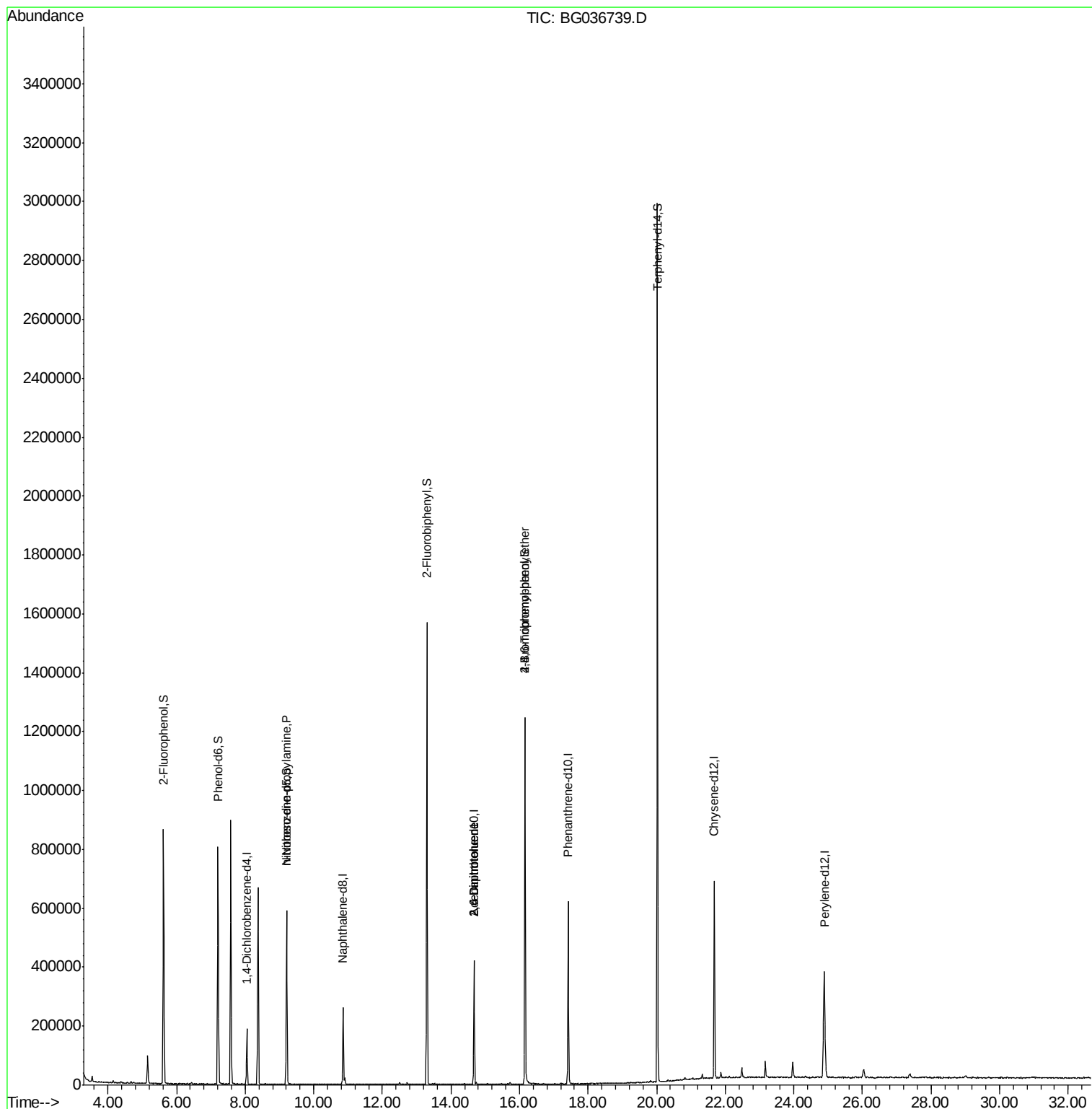
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53374	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	214432	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	144995	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	385472	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	399242	20.00	ng	-0.02
86) Perylene-d12	24.89	264	396300	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	357174	106.15	ng	0.00
7) Phenol-d6	7.21	99	462086	95.92	ng	-0.01
23) Nitrobenzene-d5	9.21	82	344025	87.05	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	238904	138.09	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	823954	81.14	ng	-0.01
78) Terphenyl-d14	20.02	244	1441884	84.41	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	46447	12.901	ng	# 72
50) 2,6-Dinitrotoluene	14.67	165	18461	7.578	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	18461	5.814	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	16375	3.628	ng	# 1

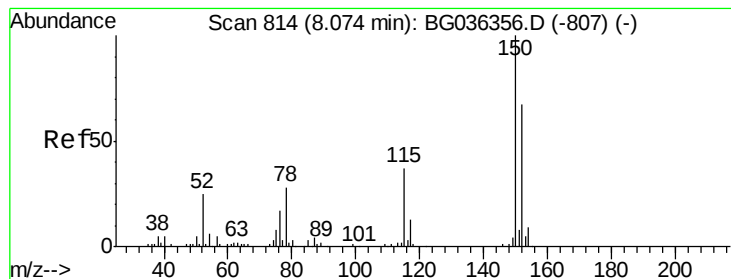
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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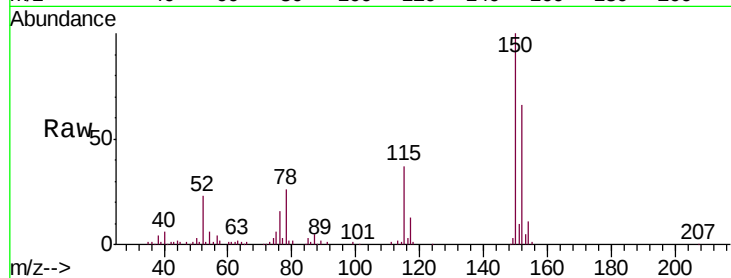


#1

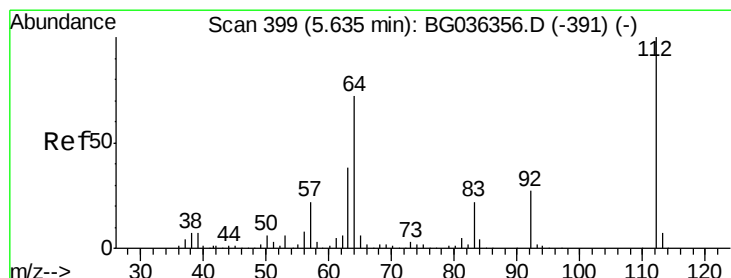
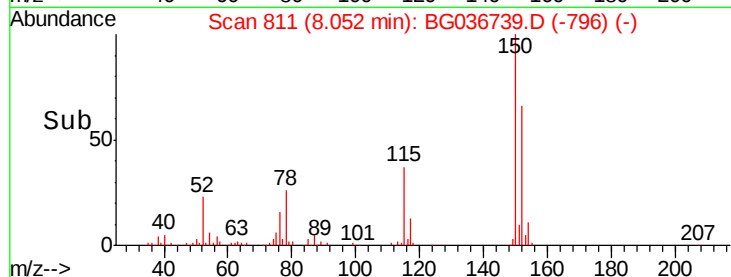
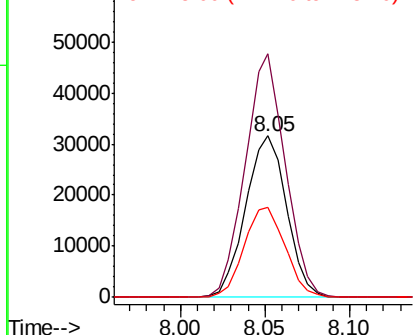
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036739.D
Acq: 15 Sep 2018 13:40

Instrument :
BNA_G
ClientSampled :
SP-PIT-3

Tgt Ion:152 Resp: 53374
Ion Ratio Lower Upper
152 100
150 150.8 119.5 179.3
115 55.8 44.5 66.7



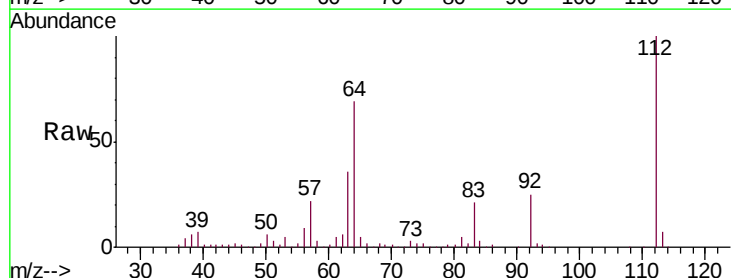
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



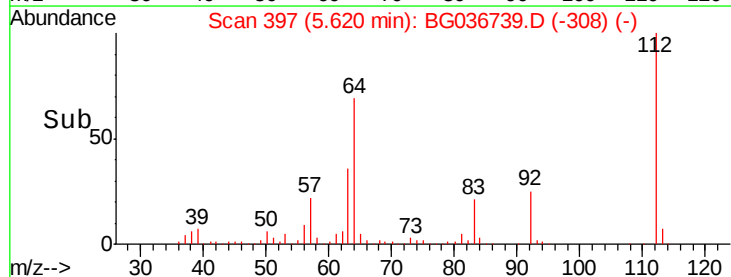
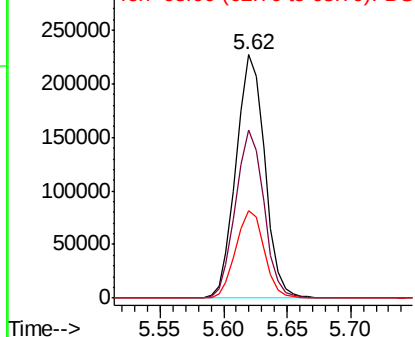
#5

2-Fluorophenol
Concen: 106.153 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036739.D
Acq: 15 Sep 2018 13:40

Tgt Ion:112 Resp: 357174
Ion Ratio Lower Upper
112 100
64 68.9 57.2 85.8
63 36.1 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: 95.920 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036739.D

Acq: 15 Sep 2018 13:40

Instrument :

BNA_G

ClientSampled :

SP-PIT-3

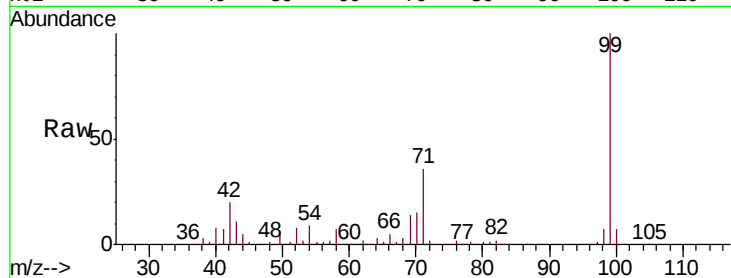
Tgt Ion: 99 Resp: 462086

Ion Ratio Lower Upper

99 100

42 19.7 16.5 24.7

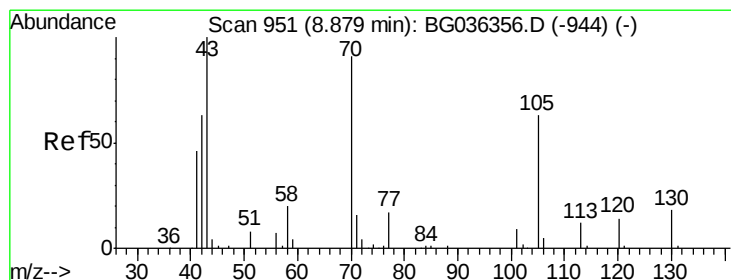
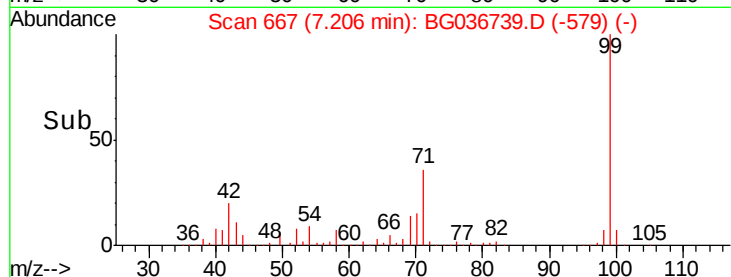
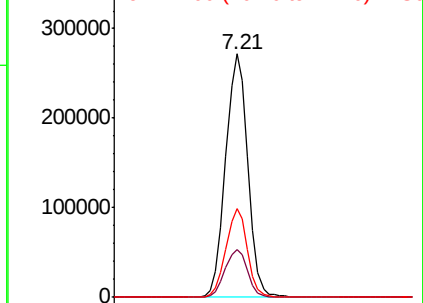
71 36.5 29.4 44.2



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: 12.901 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036739.D

Acq: 15 Sep 2018 13:40

Tgt Ion: 70 Resp: 46447

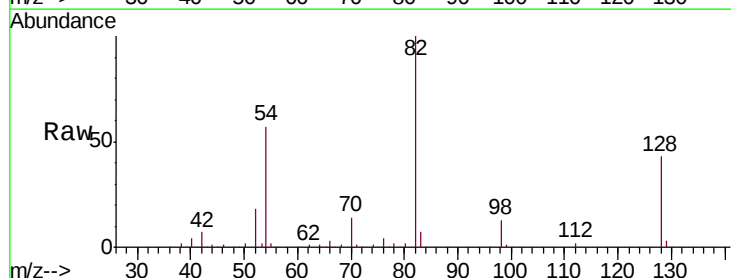
Ion Ratio Lower Upper

70 100

42 49.6 56.2 84.4#

101 0.0 7.8 11.6#

130 2.2 16.2 24.2#

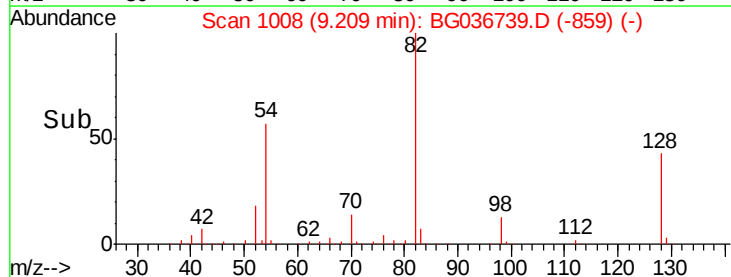
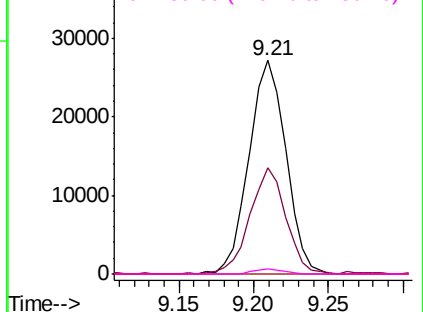


Abundance Ion 70.00 (69.70 to 70.70): BGC

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

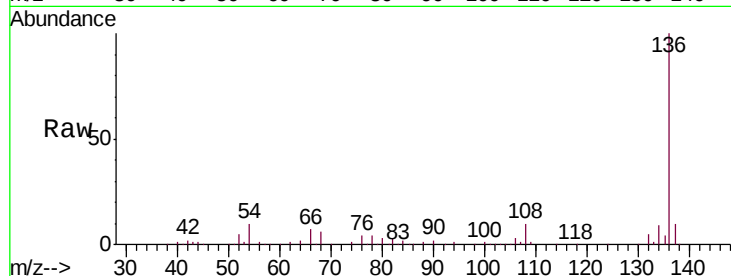




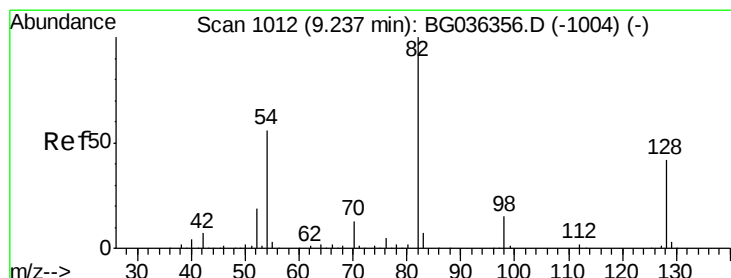
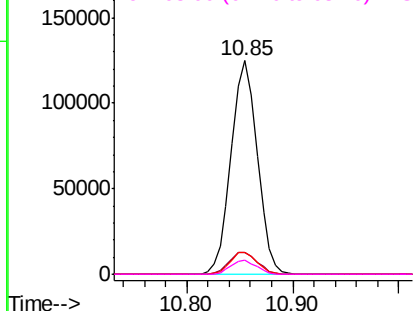
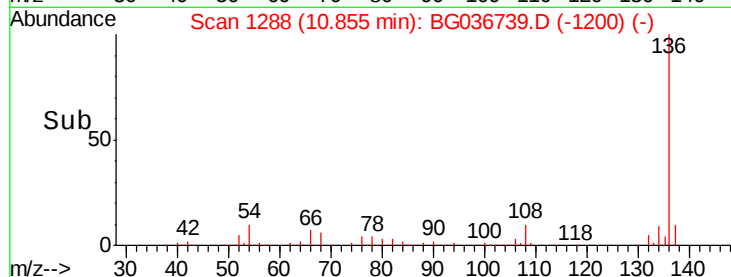
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036739.D
Acq: 15 Sep 2018 13:40

Instrument :
BNA_G
ClientSampleId :
SP-PIT-3

Tgt Ion:	136	Resp:	214432
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	10.1	9.2	13.8
68	6.5	5.8	8.6

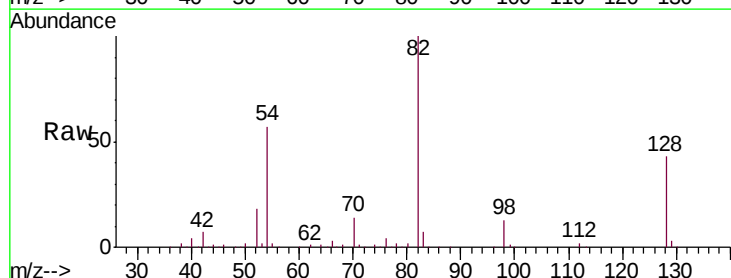


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

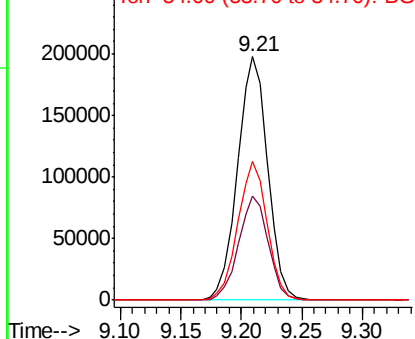
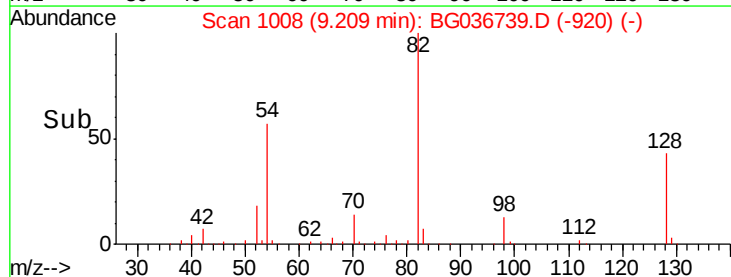


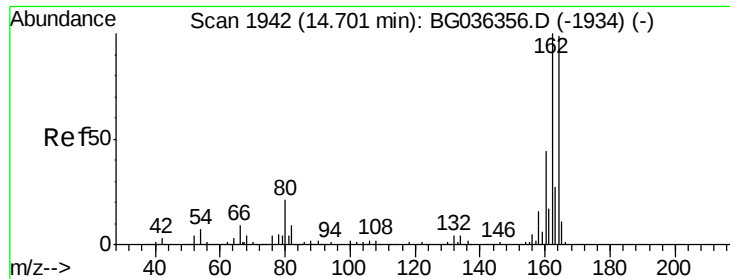
#23
Nitrobenzene-d5
Concen: 87.047 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036739.D
Acq: 15 Sep 2018 13:40

Tgt Ion:	82	Resp:	344025
Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.3	49.9
54	56.8	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036739.D

Acq: 15 Sep 2018 13:40

Instrument :

BNA_G

ClientSampleId :

SP-PIT-3

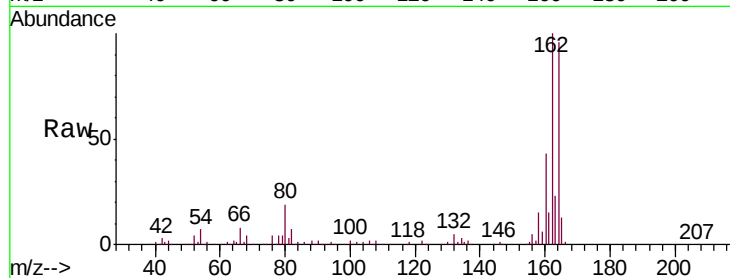
Tgt Ion:164 Resp: 144995

Ion Ratio Lower Upper

164 100

162 104.1 80.7 121.1

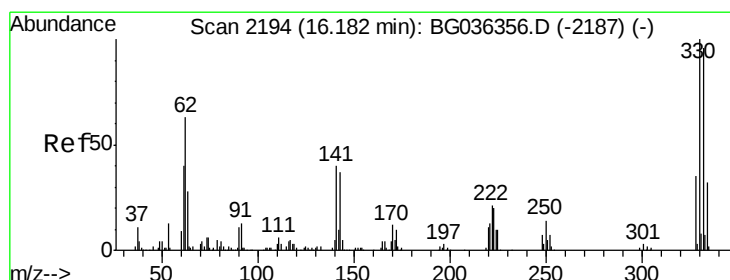
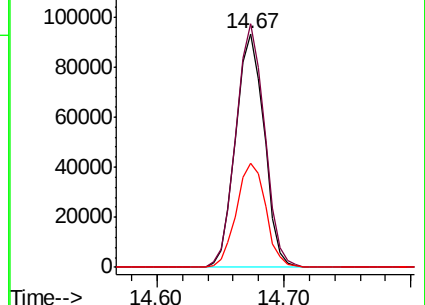
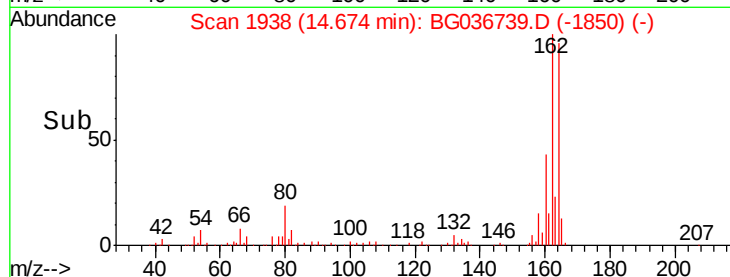
160 44.8 35.3 52.9



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: 138.086 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036739.D

Acq: 15 Sep 2018 13:40

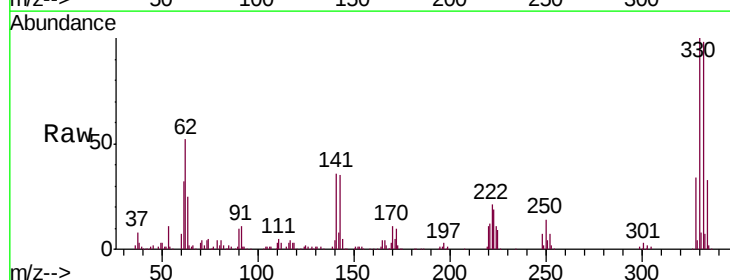
Tgt Ion:330 Resp: 238904

Ion Ratio Lower Upper

330 100

332 94.6 75.4 113.2

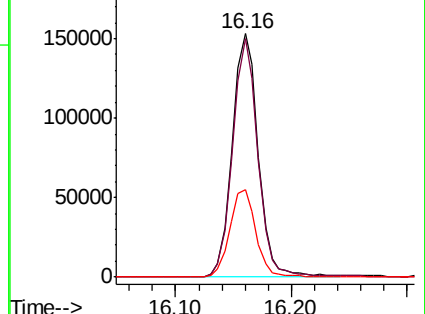
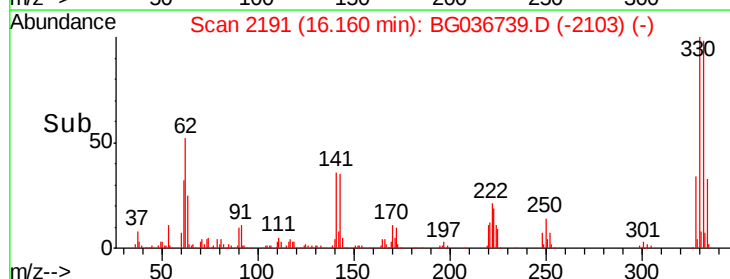
141 36.2 30.7 46.1



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

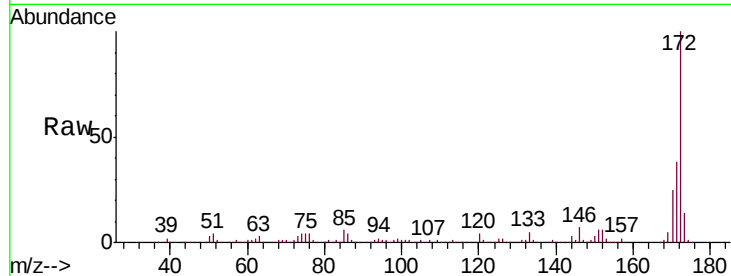




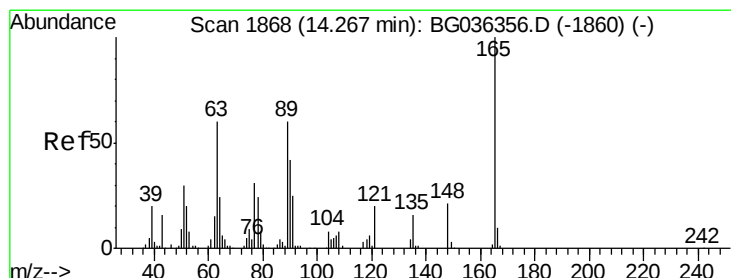
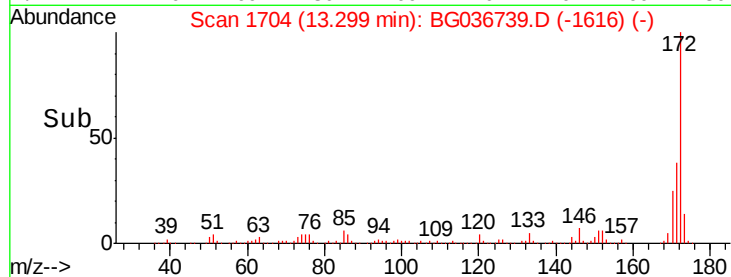
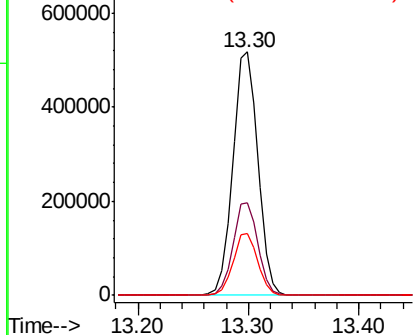
#44
 2-Fluorobiphenyl
 Concen: 81.138 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036739.D
 Acq: 15 Sep 2018 13:40

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-3

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	25.2	21.0	31.6

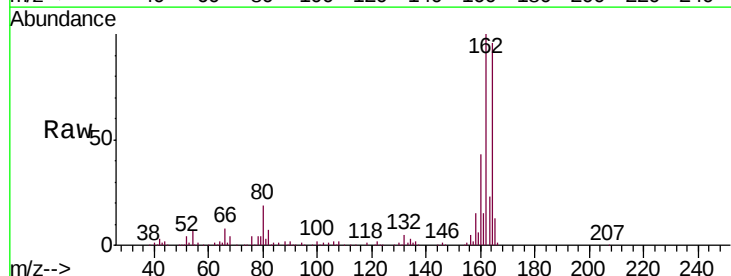


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

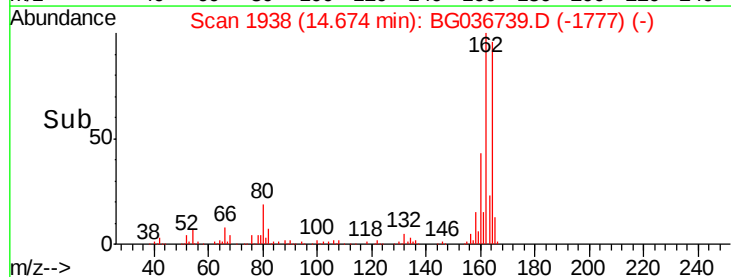
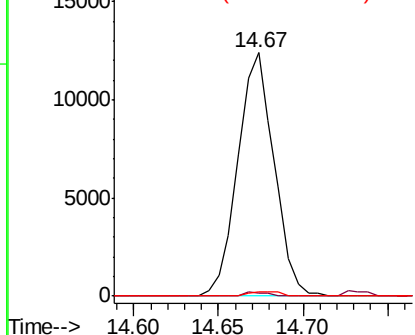


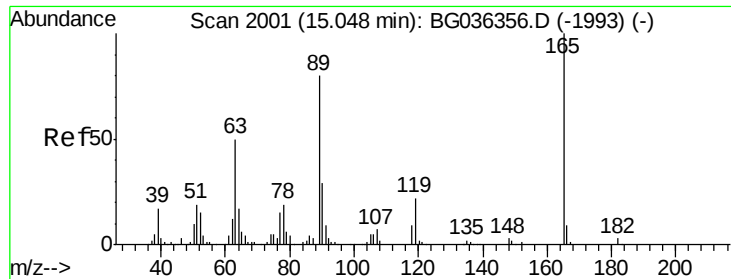
#50
 2,6-Dinitrotoluene
 Concen: 7.578 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.42 min
 Lab File: BG036739.D
 Acq: 15 Sep 2018 13:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	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

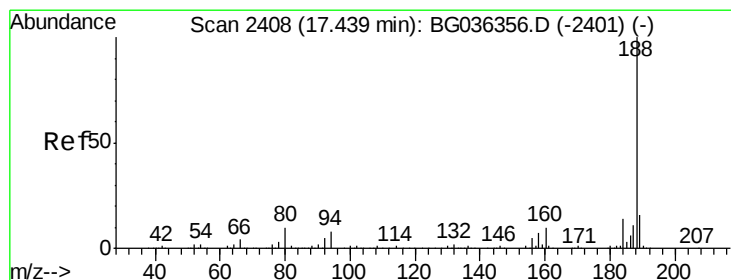
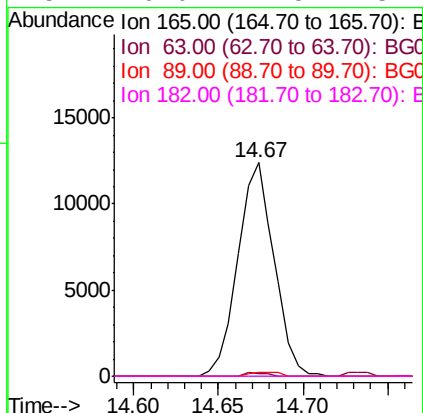
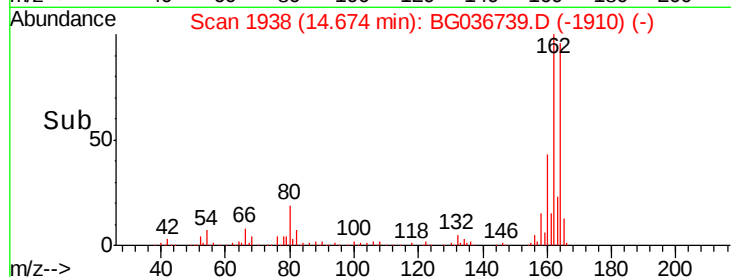
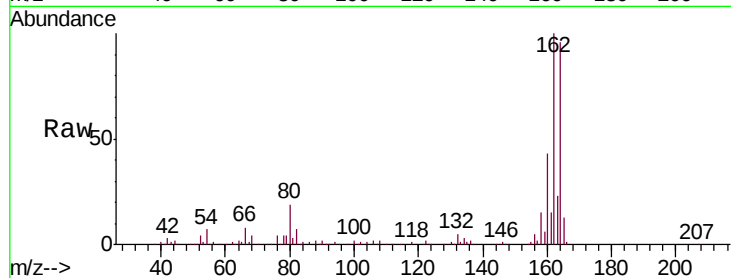




#56
 2,4-Dinitrotoluene
 Concen: 5.814 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036739.D
 Acq: 15 Sep 2018 13:40

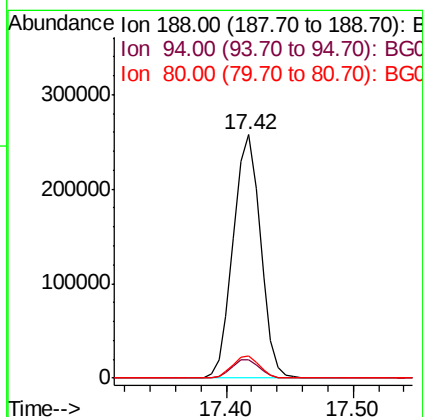
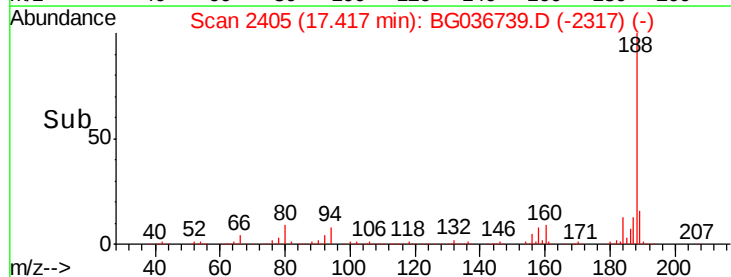
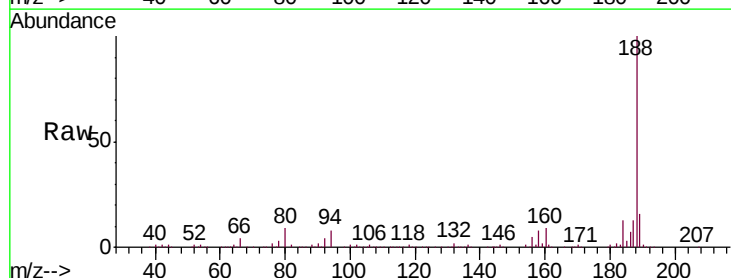
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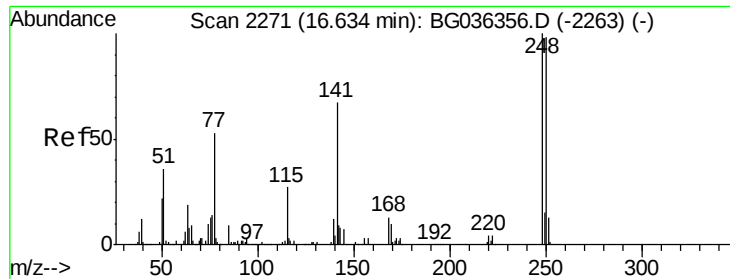
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.1	60.1#
89	1.8	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036739.D
 Acq: 15 Sep 2018 13:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	9.2	8.1	12.1

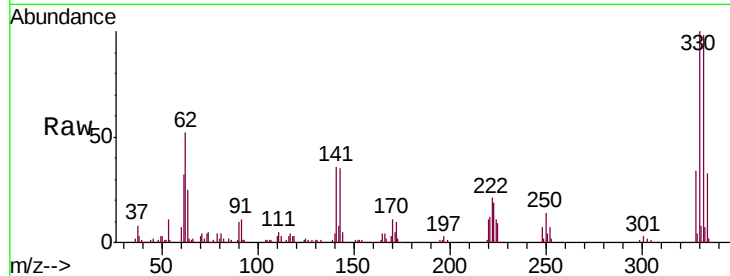




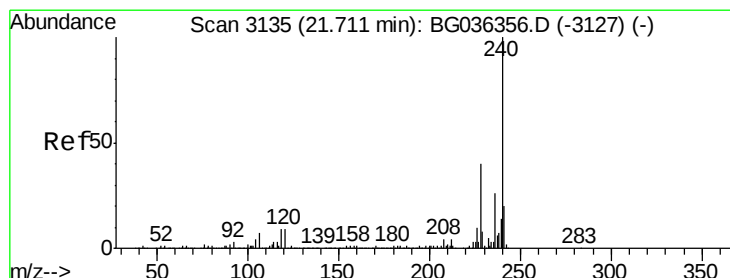
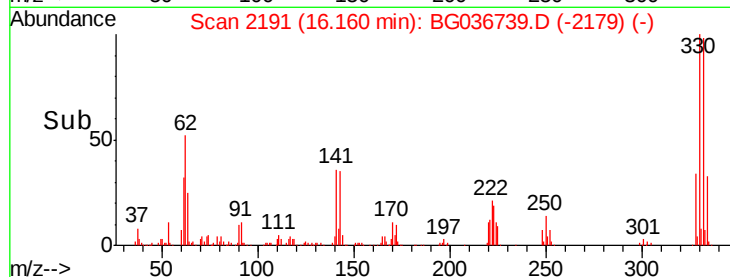
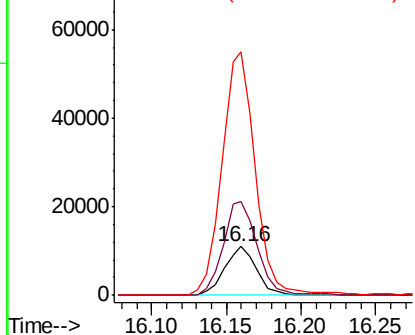
#66
4-Bromophenyl-phenylether
Concen: 3.628 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036739.D
Acq: 15 Sep 2018 13:40

Instrument :
BNA_G
ClientSampleId :
SP-PIT-3

Tgt Ion:248 Resp: 16375
Ion Ratio Lower Upper
248 100
250 192.0 78.1 117.1#
141 497.1 53.7 80.5#

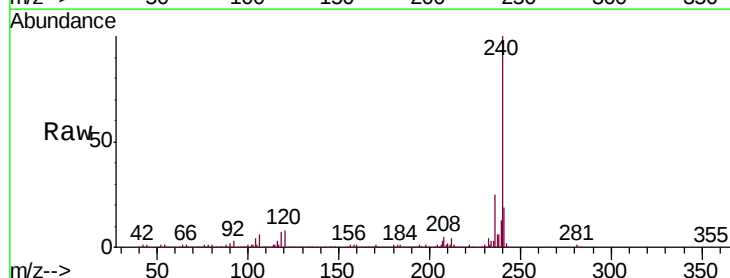


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

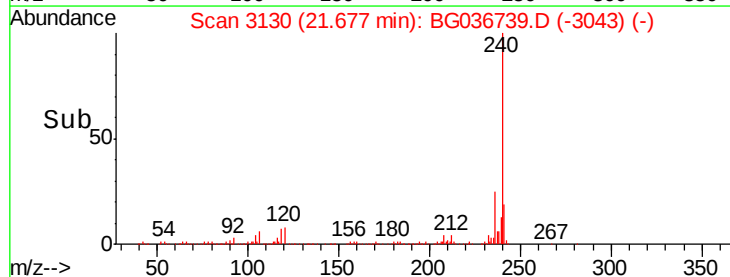
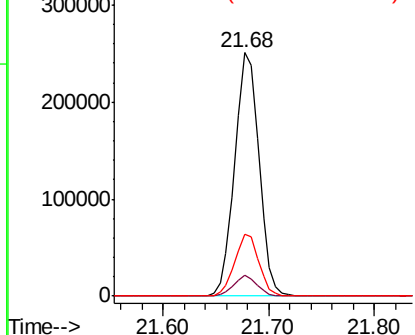


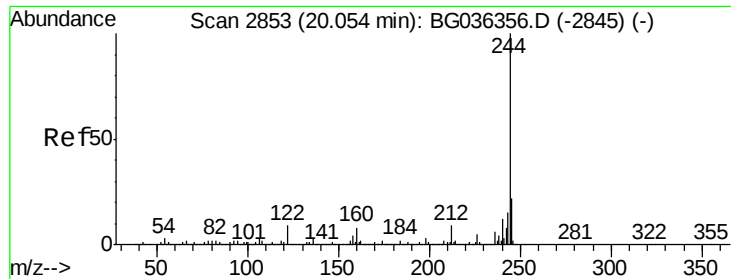
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036739.D
Acq: 15 Sep 2018 13:40

Tgt Ion:240 Resp: 399242
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 25.2 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: 84.414 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036739.D

Acq: 15 Sep 2018 13:40

Instrument :

BNA_G

ClientSampleId :

SP-PIT-3

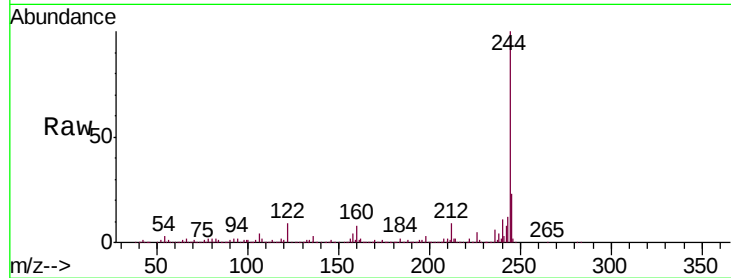
Tgt Ion:244 Resp: 1441884

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

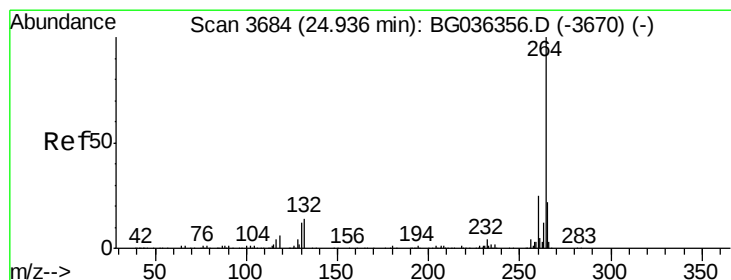
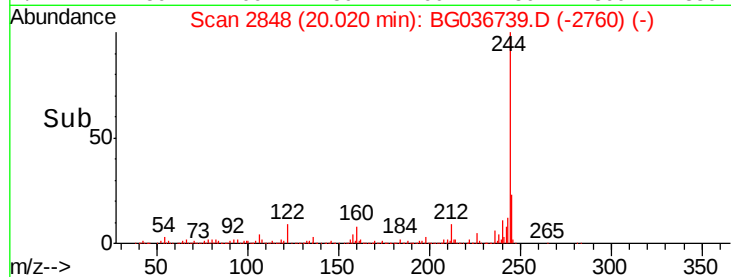
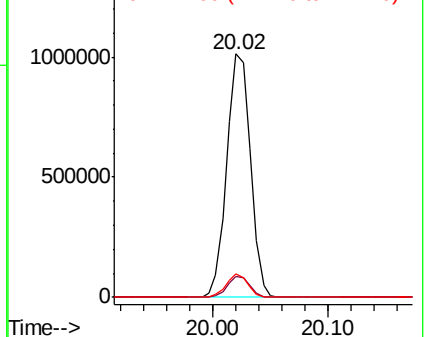
122 9.4 7.1 10.7



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: 24.89 min Scan# 3676

Delta R.T. -0.02 min

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Acq: 15 Sep 2018 13:40

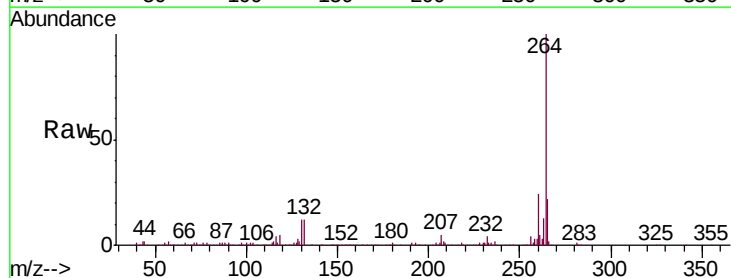
Tgt Ion:264 Resp: 396300

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 21.6 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

