

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036538.D
 Acq On : 4 Sep 2018 19:06
 Operator : JU/SJ
 Sample : J4761-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 05 02:28:56 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

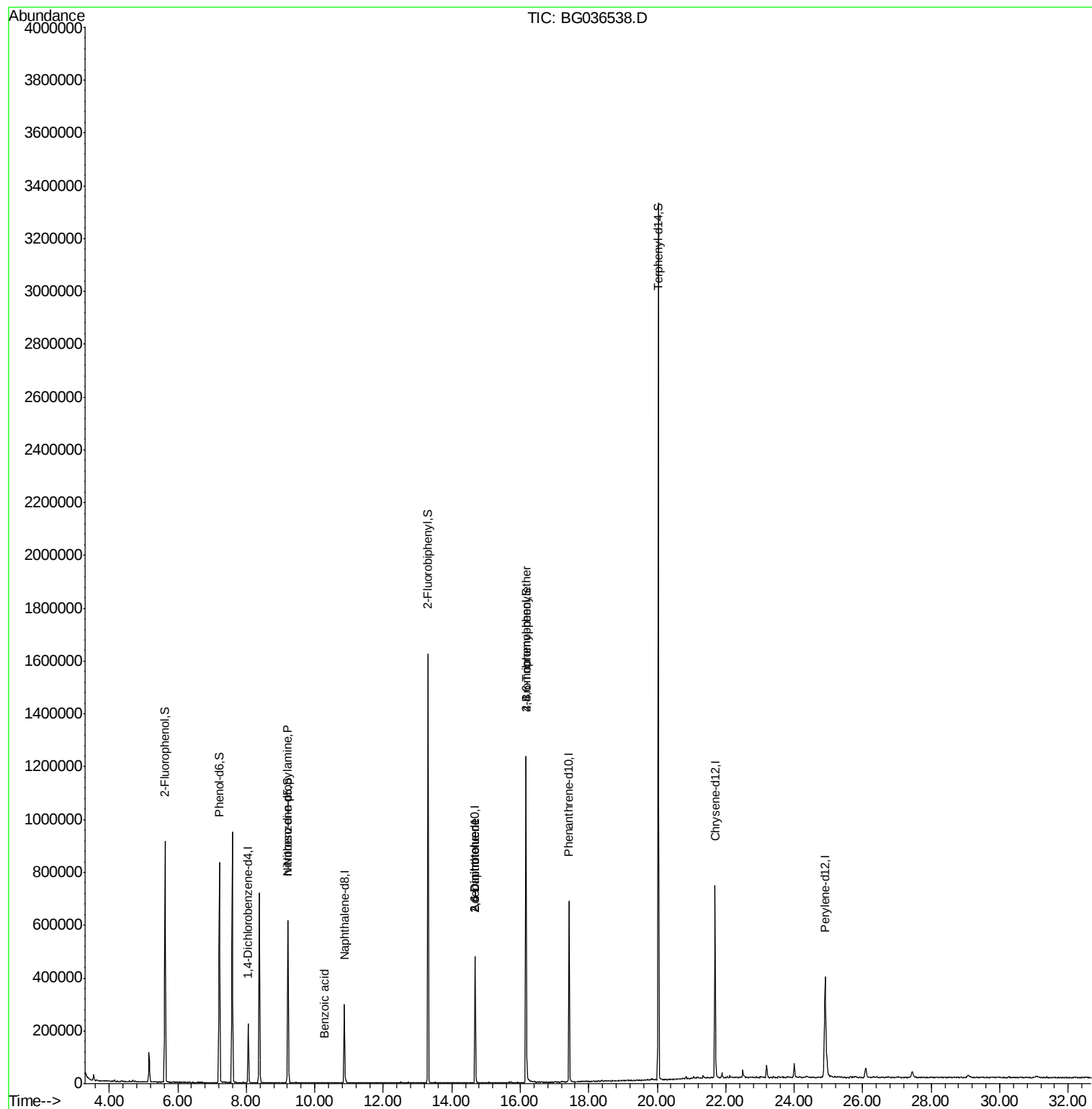
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	62160	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	255556	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	167582	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	431007	20.00	ng	0.00
75) Chrysene-d12	21.69	240	456263	20.00	ng	0.00
86) Perylene-d12	24.90	264	451622	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	376540	96.09	ng	0.00
7) Phenol-d6	7.21	99	476089	84.86	ng	0.00
23) Nitrobenzene-d5	9.22	82	369067	78.36	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	230416	115.23	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	841615	71.71	ng	0.00
78) Terphenyl-d14	20.03	244	1492347	76.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	48420	11.548	ng	# 72
32) Benzoic acid	10.26	122	54	4.497	ng	# 1
50) 2,6-Dinitrotoluene	14.68	165	21296	7.563	ng	# 20
56) 2,4-Dinitrotoluene	14.68	165	21296	5.803	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	15763	3.124	ng	# 1

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

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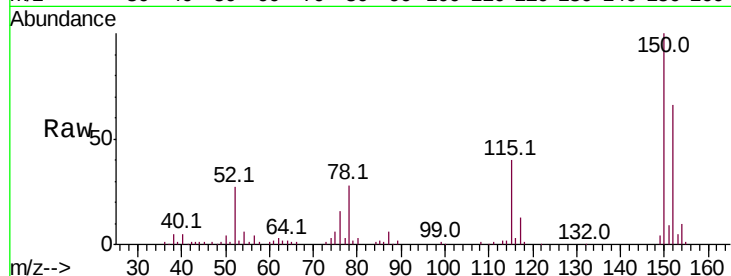


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036538.D
Acq: 4 Sep 2018 19:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	119.5	179.3
115	60.9	44.5	66.7

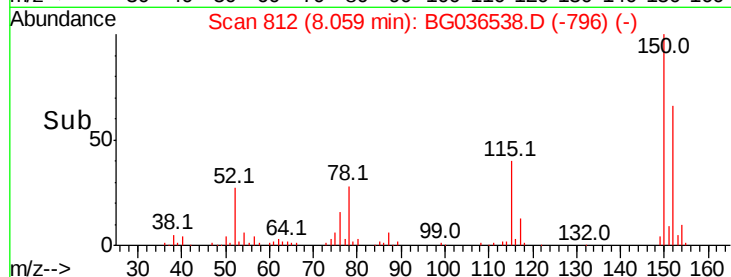
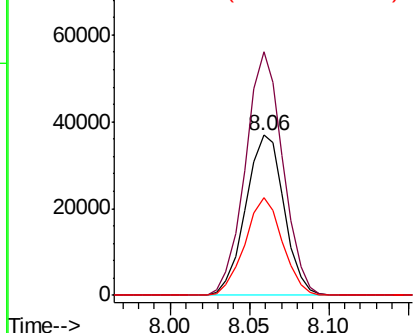


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

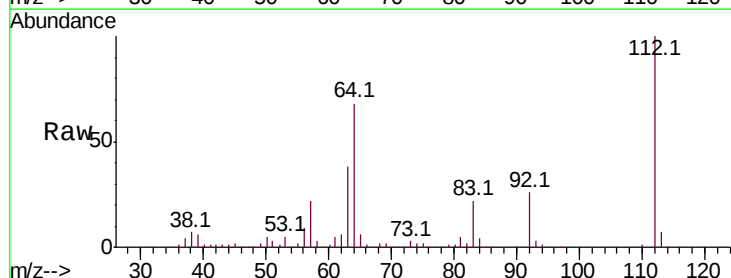
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.091 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036538.D
Acq: 4 Sep 2018 19:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	57.2	85.8
63	38.4	30.8	46.2

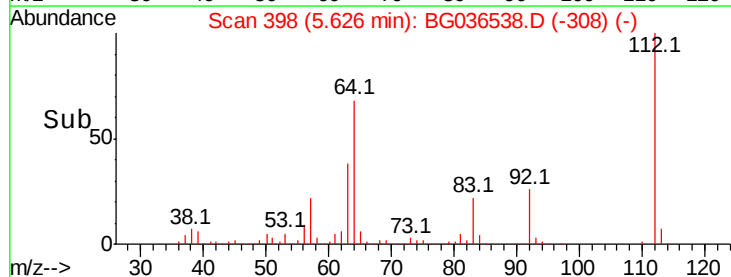
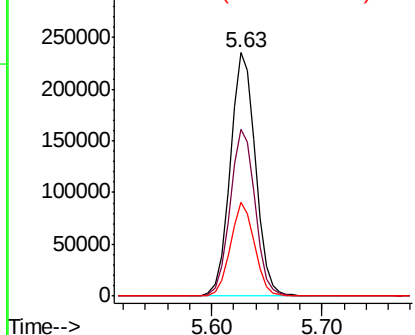


Abundance

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: 84.858 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036538.D

Acq: 4 Sep 2018 19:06

Instrument :

BNA_G

ClientSampleId :

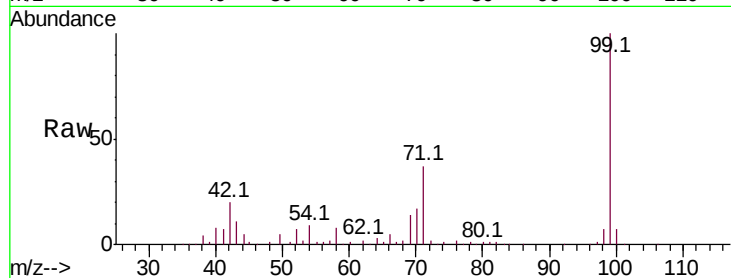
Tot Ion: 99 Resp: 476089

Ion Ratio Lower Upper

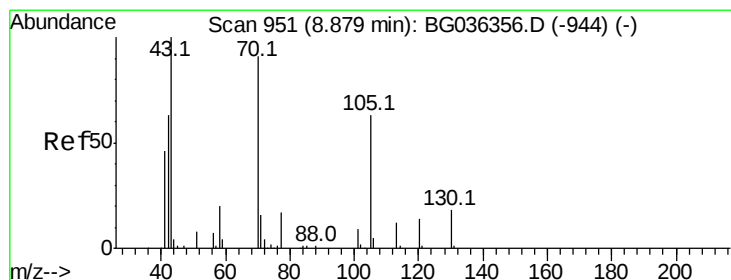
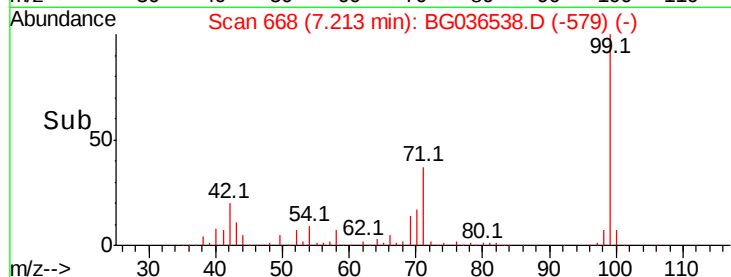
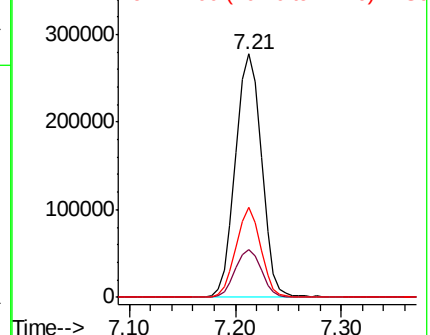
99 100

42 19.9 16.5 24.7

71 37.1 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: 11.548 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036538.D

Acq: 4 Sep 2018 19:06

Tgt Ion: 70 Resp: 48420

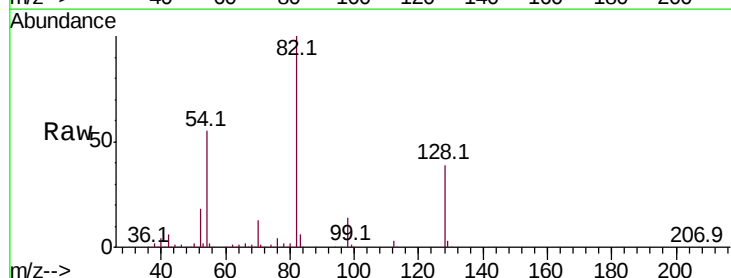
Ion Ratio Lower Upper

70 100

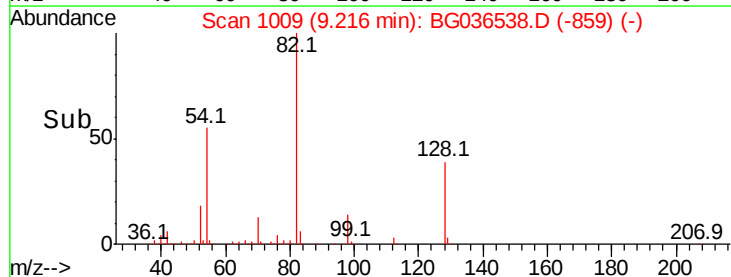
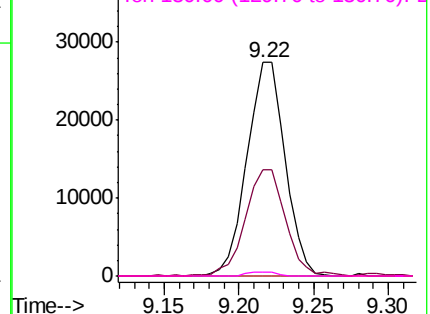
42 49.6 56.2 84.4#

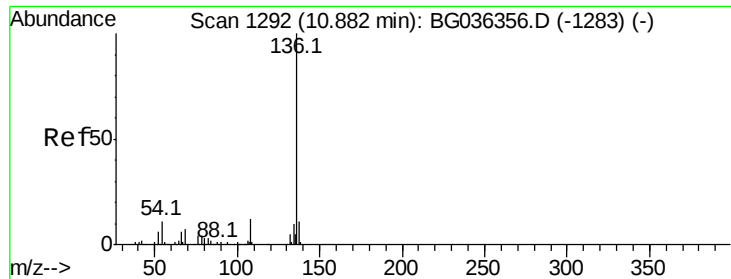
101 0.0 7.8 11.6#

130 2.0 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

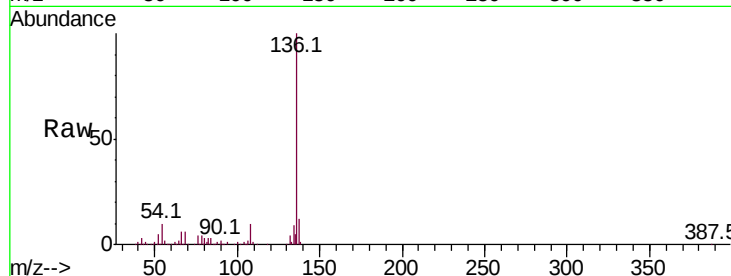




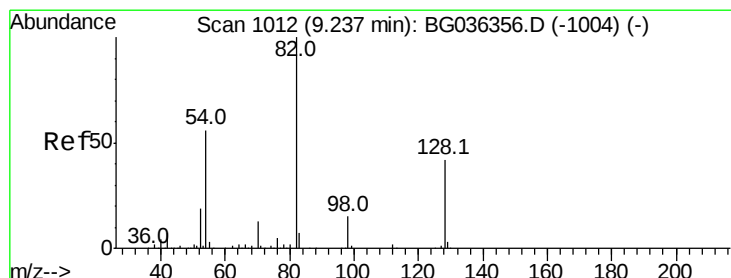
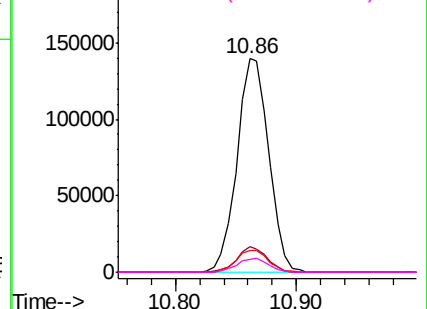
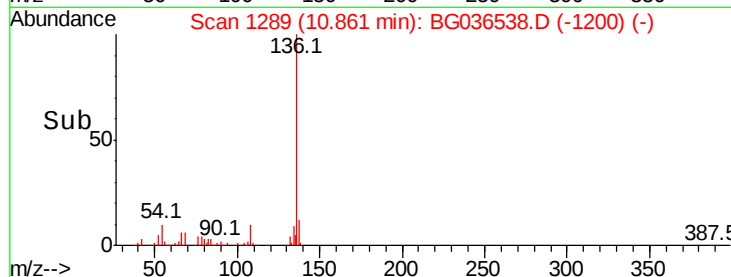
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036538.D
Acq: 4 Sep 2018 19:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	255556
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	10.4	9.2	13.8
68	6.2	5.8	8.6

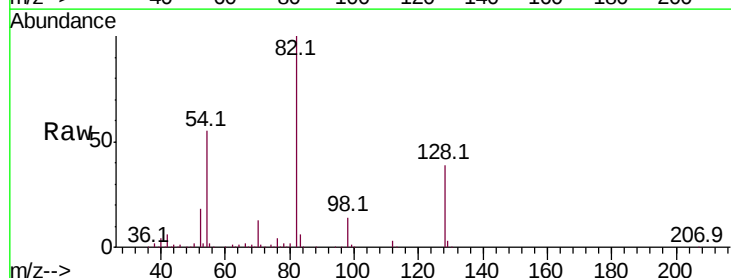


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

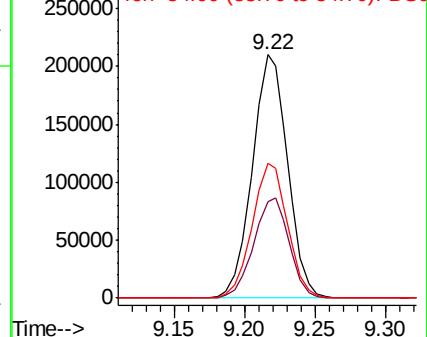
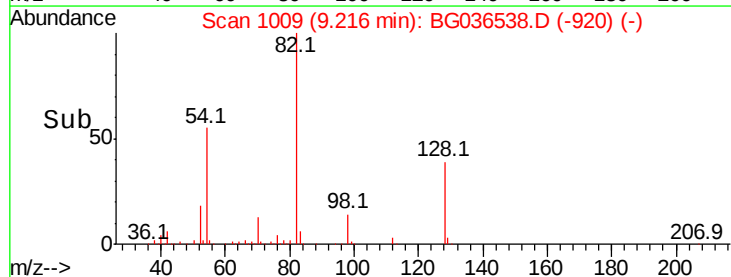


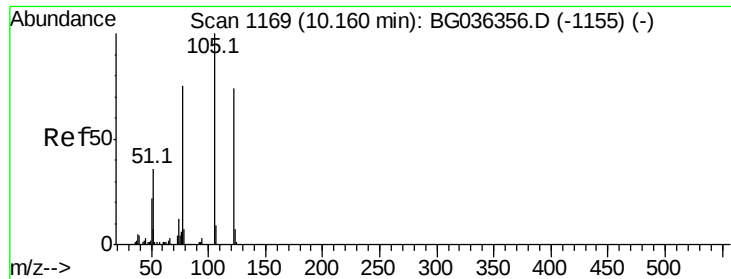
#23
Nitrobenzene-d5
Concen: 78.356 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036538.D
Acq: 4 Sep 2018 19:06

Tgt Ion:	82	Resp:	369067
Ion	Ratio	Lower	Upper
82	100		
128	39.4	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

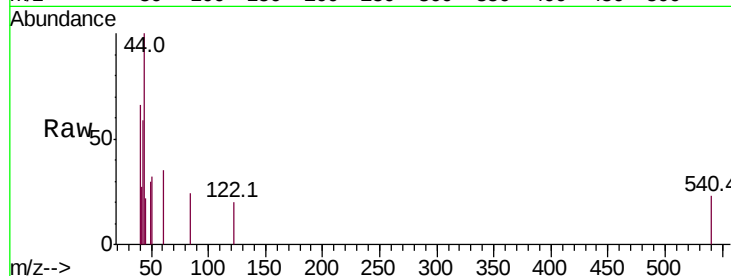




#32
Benzoic acid
Concen: 4.497 ng
RT: 10.26 min Scan# 1187
Delta R.T. 0.11 min
Lab File: BG036538.D
Acq: 4 Sep 2018 19:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.1	148.1#
77	0.0	76.3	116.3#

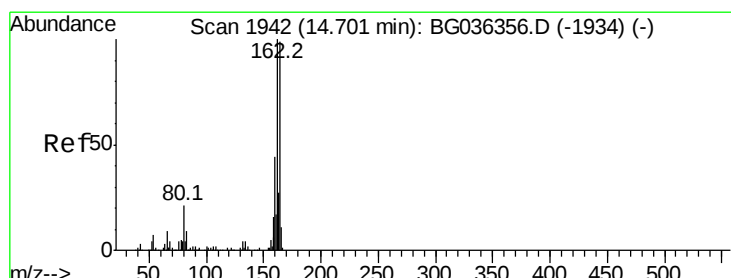
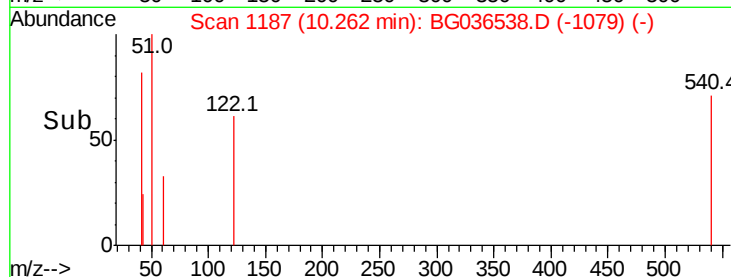
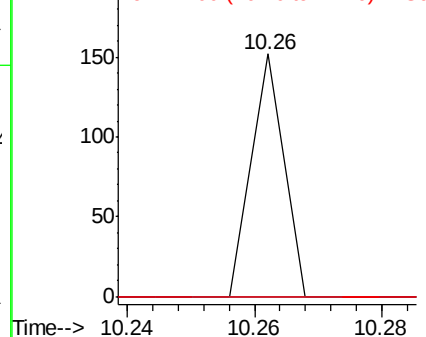


Abundance

Ion 122.00 (121.70 to 122.70): E

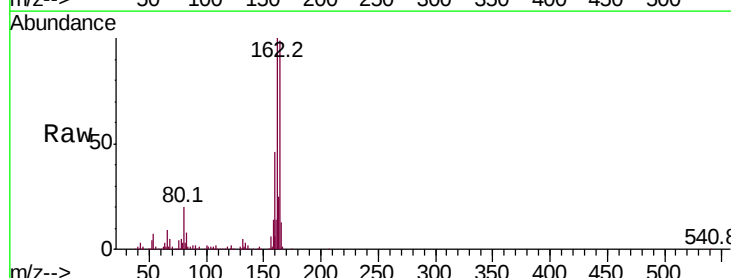
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036538.D
Acq: 4 Sep 2018 19:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.7	121.1
160	46.8	35.3	52.9

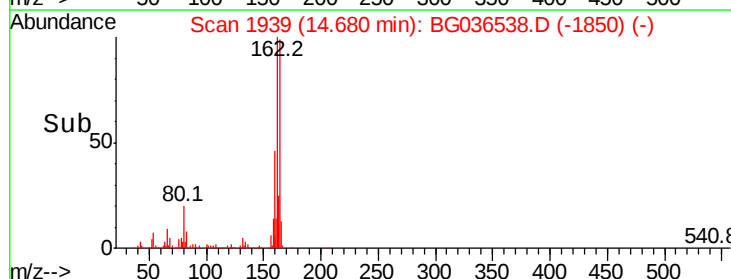
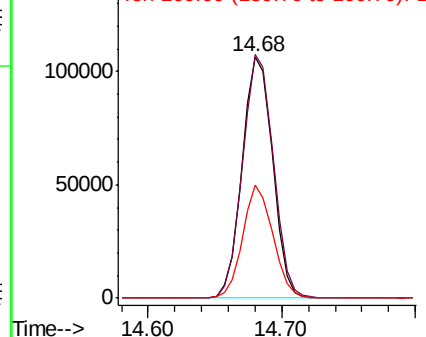


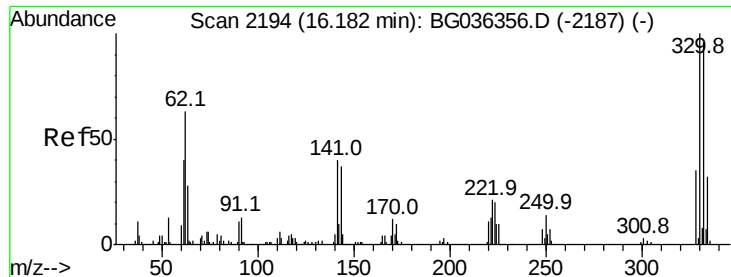
Abundance

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

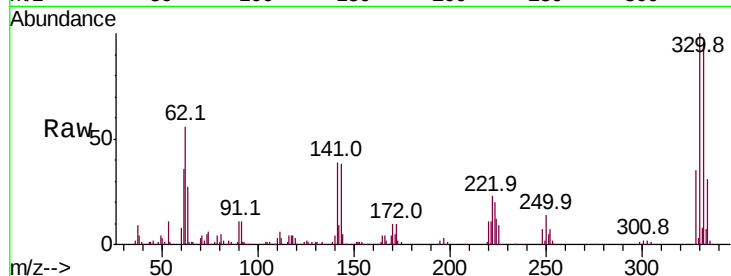




#41
 2,4,6-Tribromophenol
 Concen: 115.229 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036538.D
 Acq: 4 Sep 2018 19:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.4	113.2
141	38.5	30.7	46.1

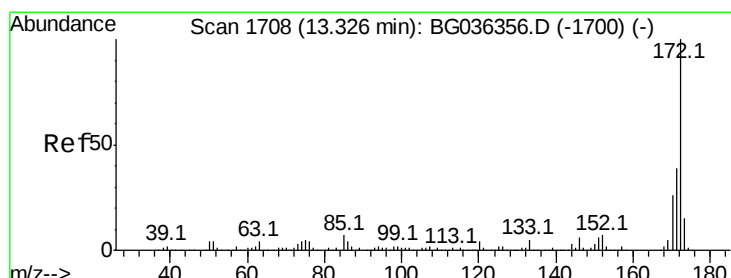
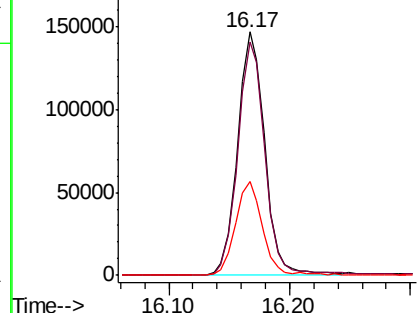
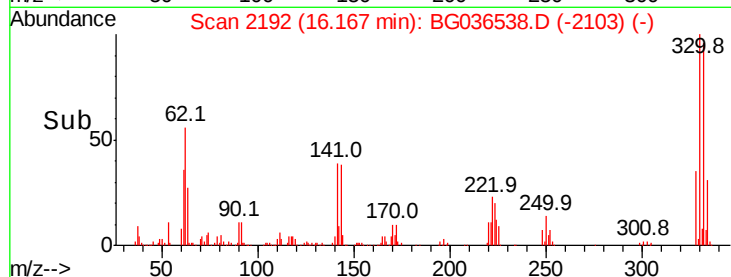


Abundance

Ion 329.80 (329.50 to 330.50): E

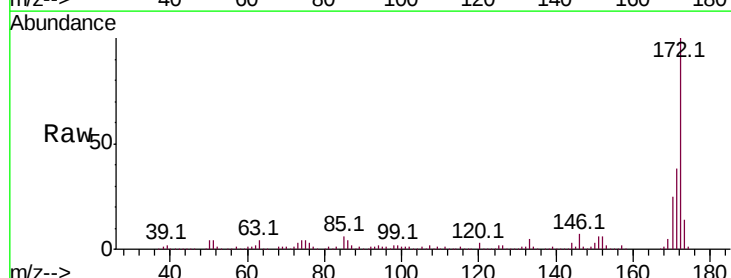
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.707 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036538.D
 Acq: 4 Sep 2018 19:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	25.4	21.0	31.6

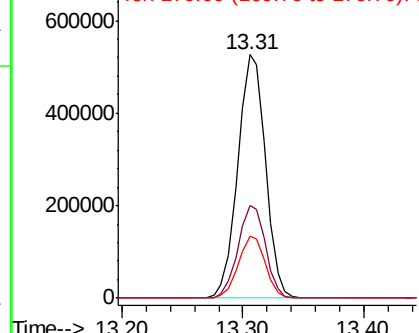
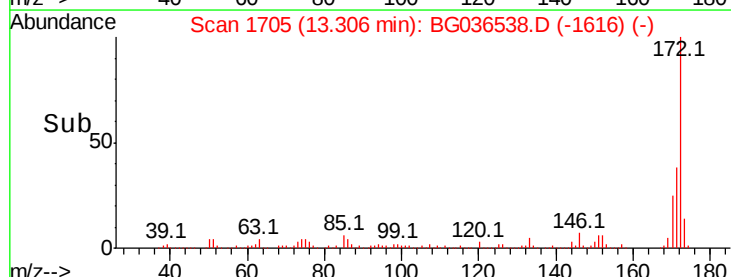


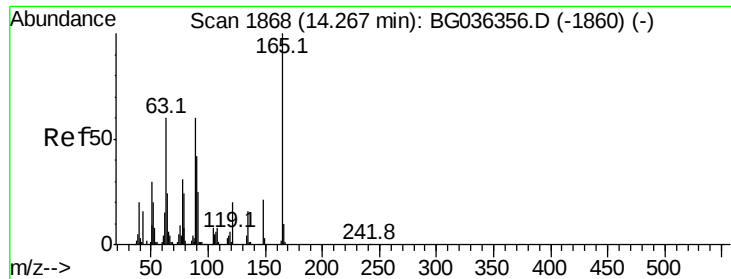
Abundance

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

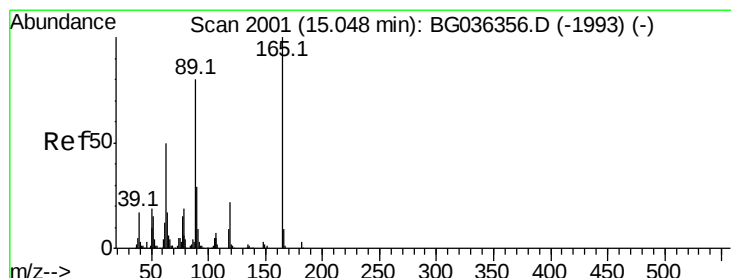
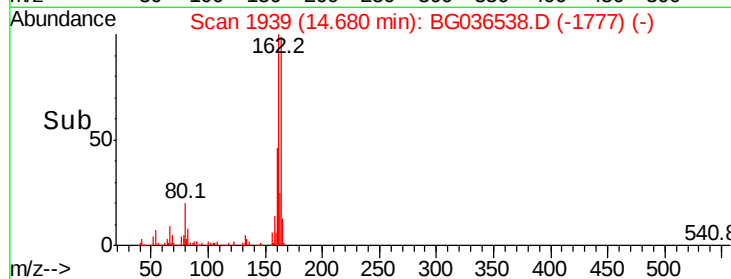
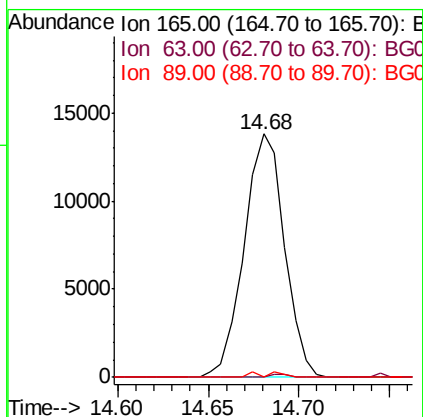
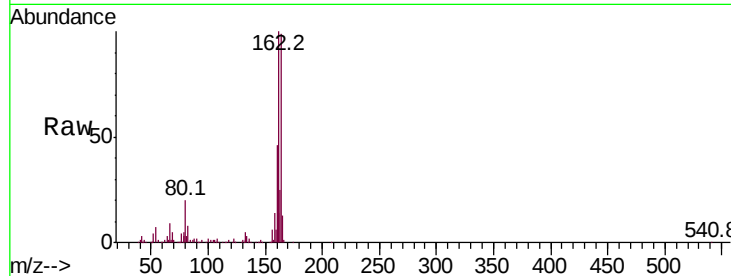




#50
2,6-Dinitrotoluene
Concen: 7.563 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.42 min
Lab File: BG036538.D
Acq: 4 Sep 2018 19:06

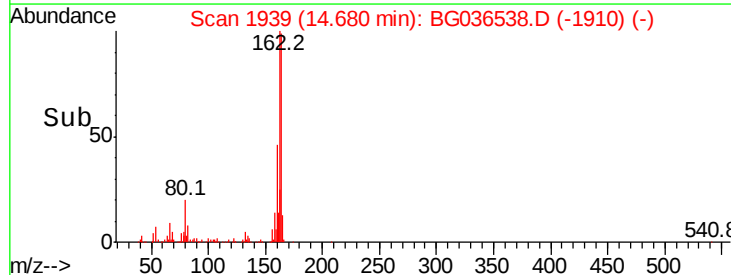
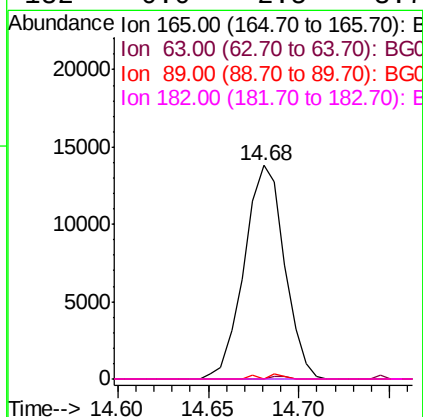
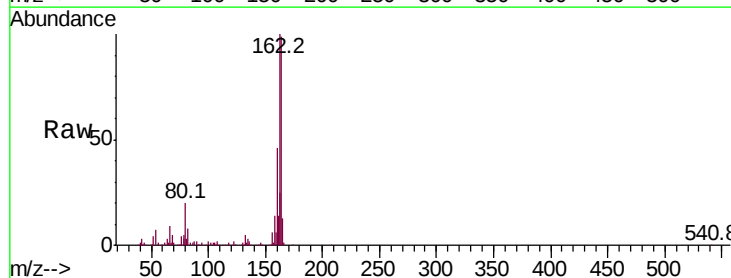
Instrument :
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ClientSampleId :

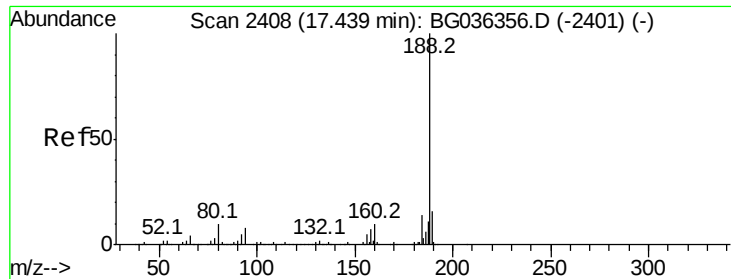
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	0.0	47.8	71.6#



#56
2,4-Dinitrotoluene
Concen: 5.803 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG036538.D
Acq: 4 Sep 2018 19:06

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

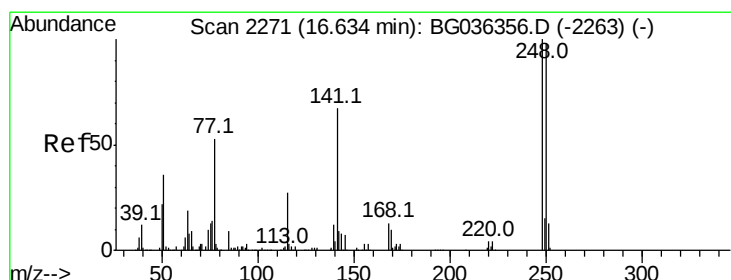
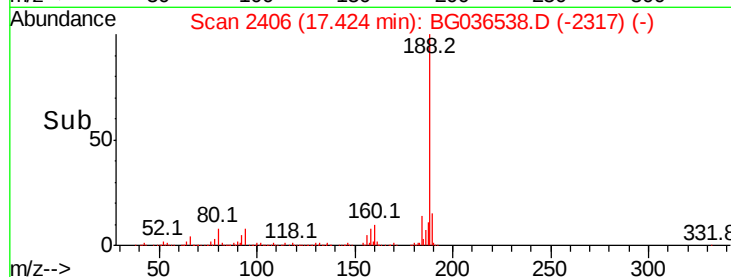
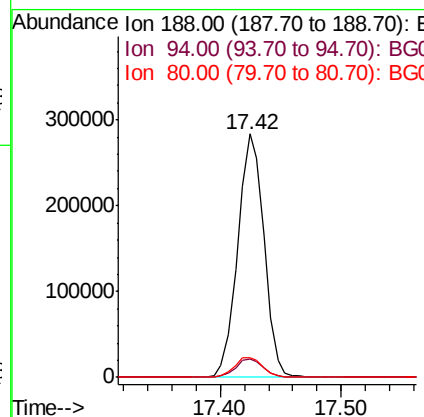
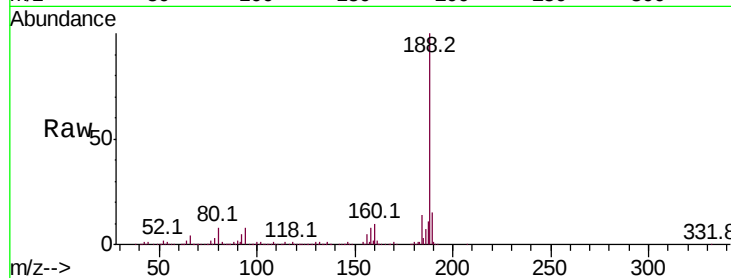




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG036538.D
Acq: 4 Sep 2018 19:06

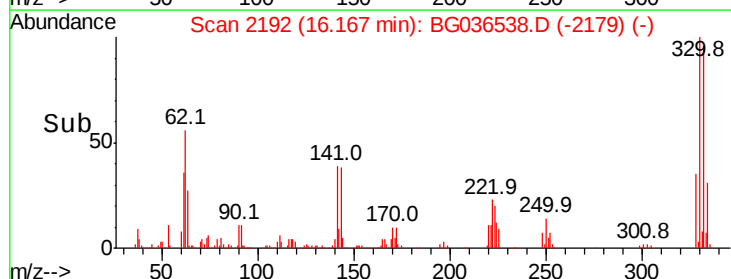
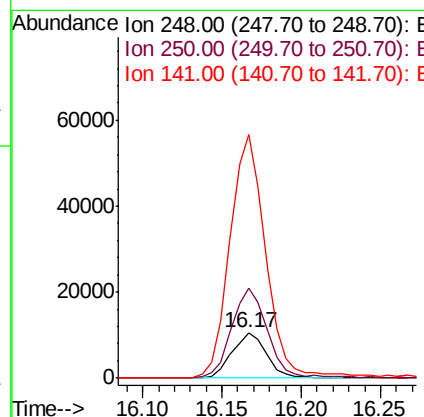
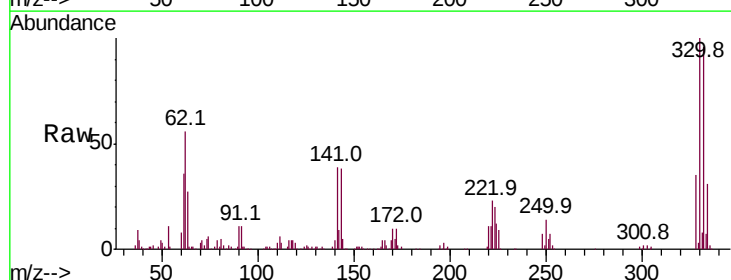
Instrument :
BNA_G
ClientSampleId :

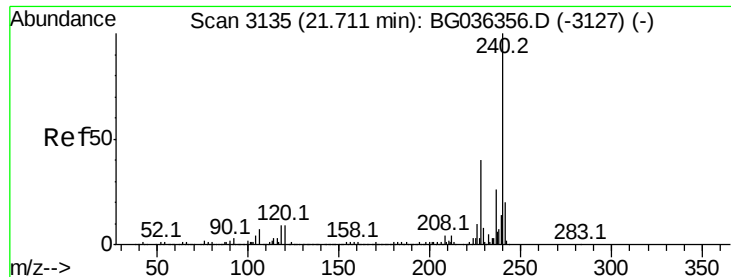
Tot Ion:188 Resp: 431007
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.3 8.1 12.1



#66
4-Bromophenyl-phenylether
Concen: 3.124 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.45 min
Lab File: BG036538.D
Acq: 4 Sep 2018 19:06

Tgt Ion:248 Resp: 15763
Ion Ratio Lower Upper
248 100
250 197.0 78.1 117.1#
141 536.3 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG036538.D

Acq: 4 Sep 2018 19:06

Instrument :

BNA_G

ClientSampleId :

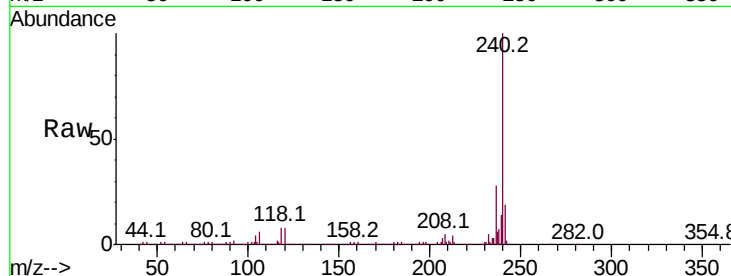
Tot Ion:240 Resp: 456263

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

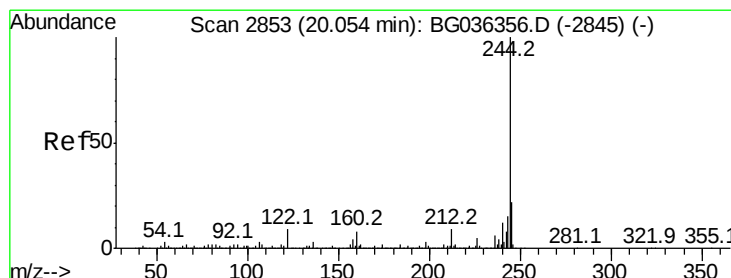
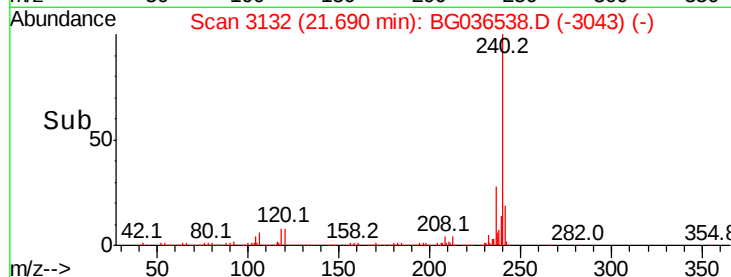
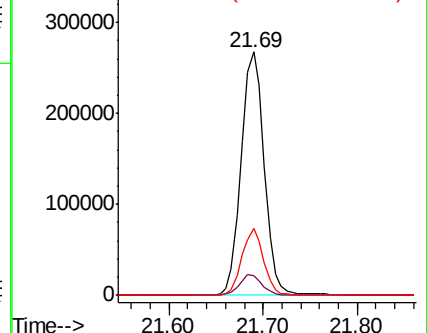
236 27.6 21.2 31.8



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: 76.450 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036538.D

Acq: 4 Sep 2018 19:06

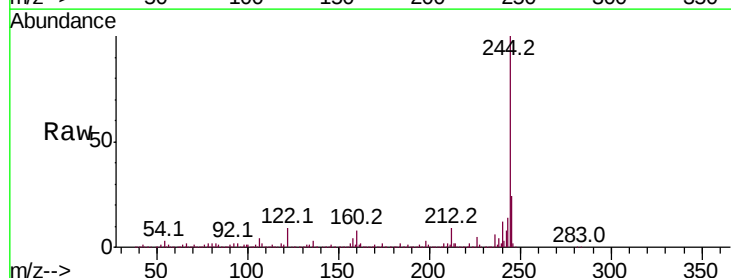
Tgt Ion:244 Resp: 1492347

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

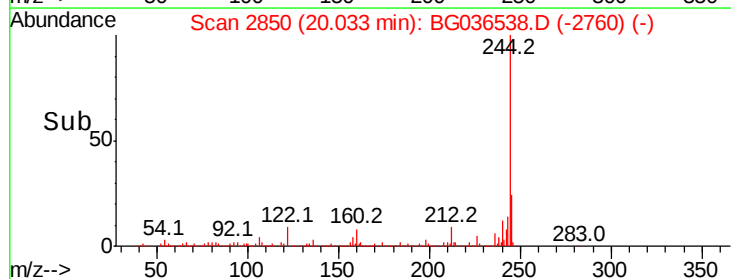
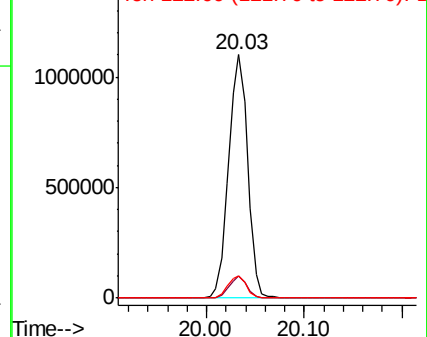
122 9.3 7.1 10.7

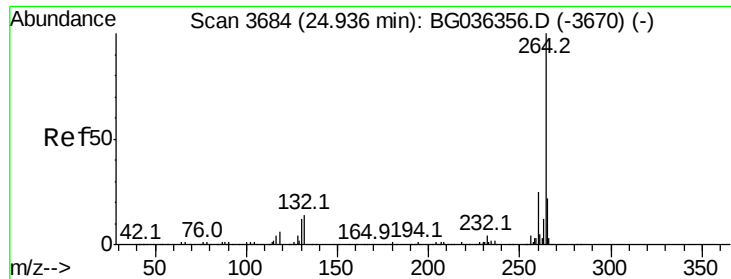


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG036538.D
Acq: 4 Sep 2018 19:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.6	17.4	26.0

