

Data File : BG036741.D
Acq On : 15 Sep 2018 14:58
Operator : JU/SJ
Sample : J4906-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-PIT-7

Quant Time: Sep 17 03:50:04 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	48493	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	199100	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	136811	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	363622	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	382049	20.00	ng	-0.01
86) Perylene-d12	24.88	264	378470	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	339315	111.00	ng	0.00
7) Phenol-d6	7.20	99	446895	102.10	ng	-0.01
23) Nitrobenzene-d5	9.21	82	326160	88.88	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	219360	134.37	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	768113	80.16	ng	-0.01
78) Terphenyl-d14	20.02	244	1344342	82.25	ng	0.00

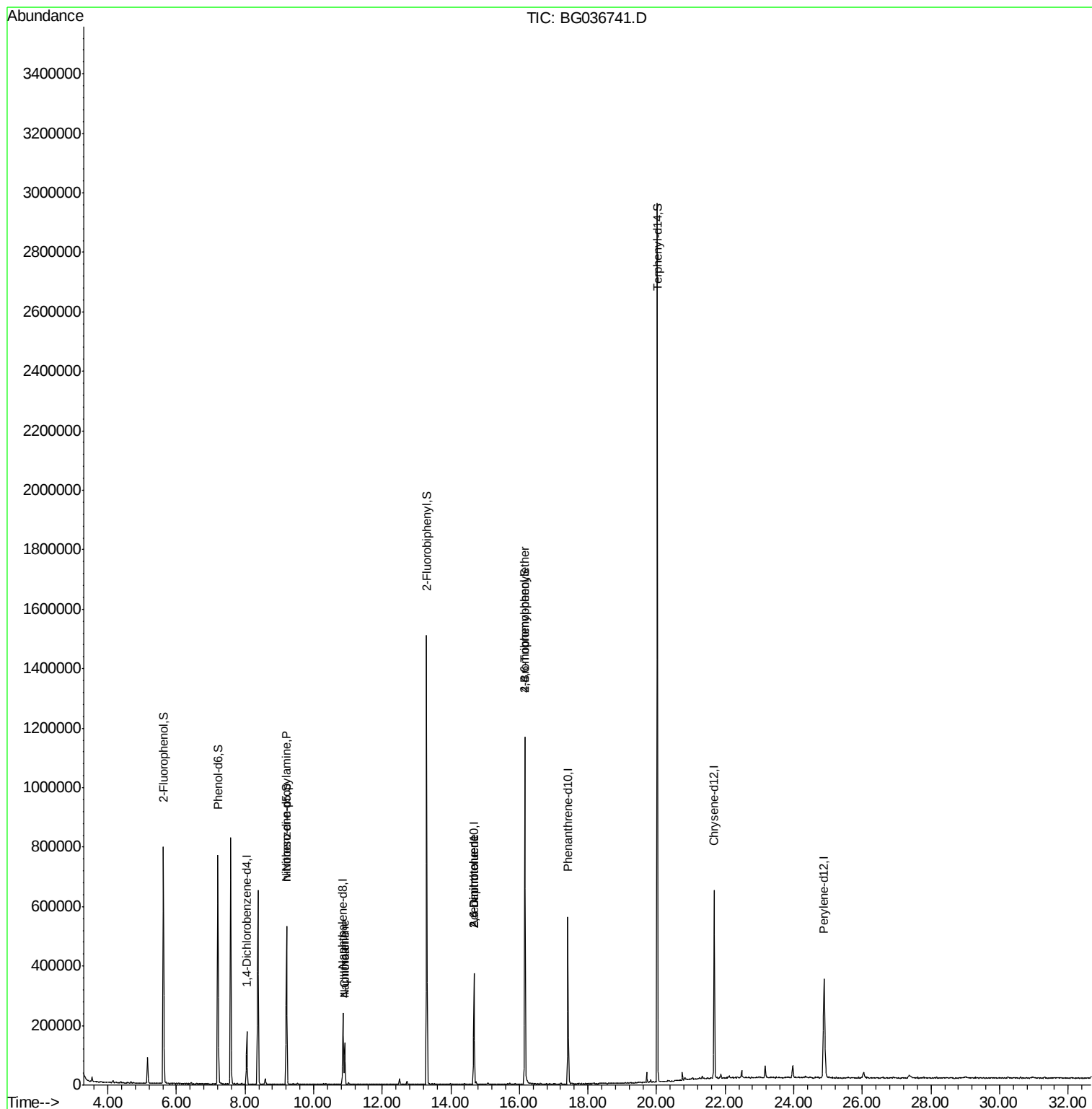
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	9.21	70	43926	13.429	ng	# 71
31) Naphthalene	10.90	128	116394	11.695	ng	# 99
33) 4-Chloroaniline	10.90	127	15703	3.443	ng	# 39
50) 2,6-Dinitrotoluene	14.67	165	17668	7.686	ng	# 24
56) 2,4-Dinitrotoluene	14.67	165	17668	5.897	ng	# 22
66) 4-Bromophenyl-phenylether	16.16	248	15525	3.647	ng	# 1

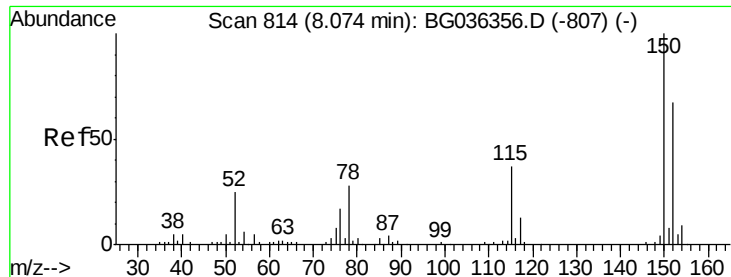
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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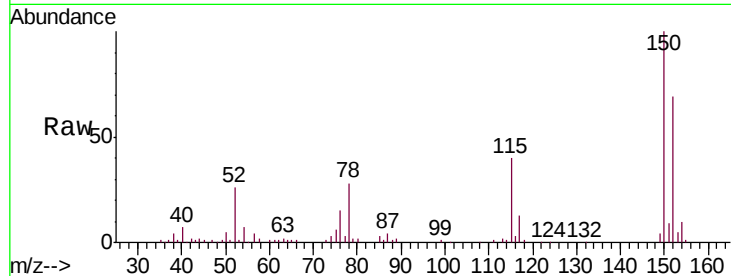


#1

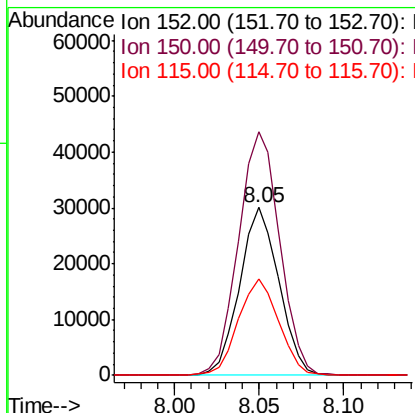
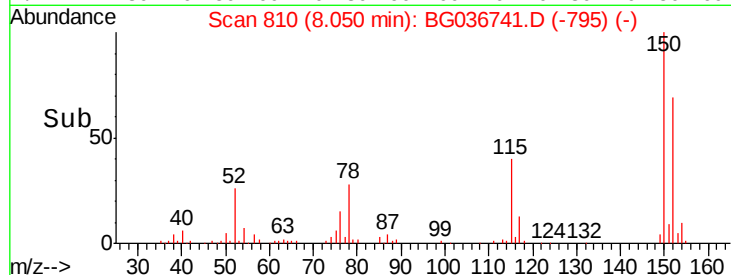
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036741.D
Acq: 15 Sep 2018 14:58

Instrument :
BNA_G
ClientSampled :
SP-PIT-7

Tgt Ion:152 Resp: 48493
Ion Ratio Lower Upper
152 100
150 145.2 119.5 179.3
115 57.6 44.5 66.7



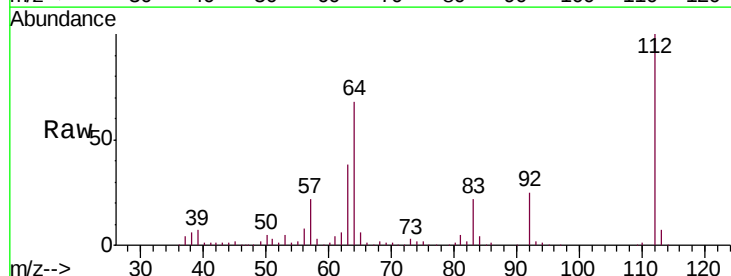
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



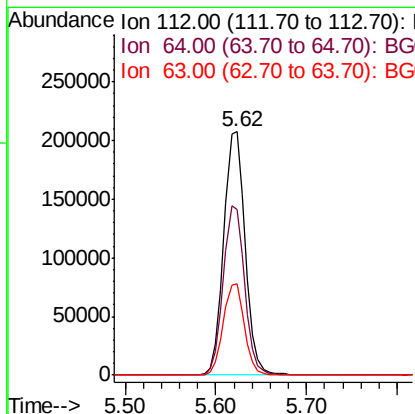
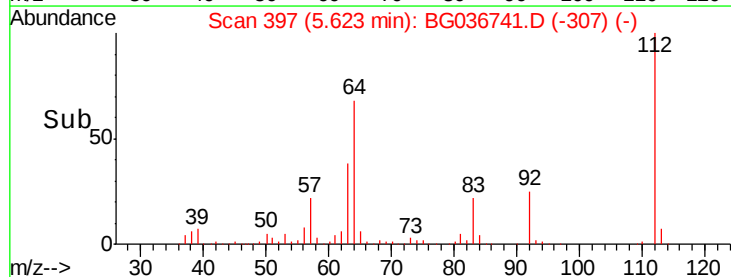
#5

2-Fluorophenol
Concen: 110.996 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036741.D
Acq: 15 Sep 2018 14:58

Tgt Ion:112 Resp: 339315
Ion Ratio Lower Upper
112 100
64 67.7 57.2 85.8
63 37.6 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: 102.104 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036741.D

Acq: 15 Sep 2018 14:58

Instrument :

BNA_G

ClientSampleId :

SP-PIT-7

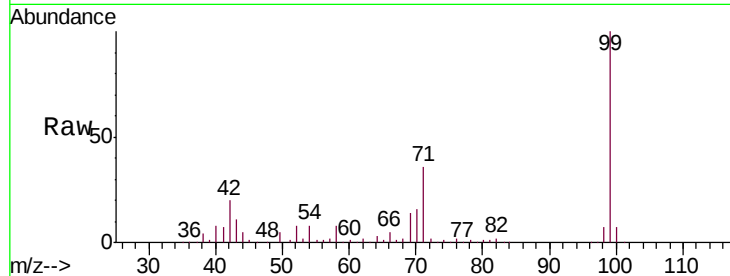
Tgt Ion: 99 Resp: 446895

Ion Ratio Lower Upper

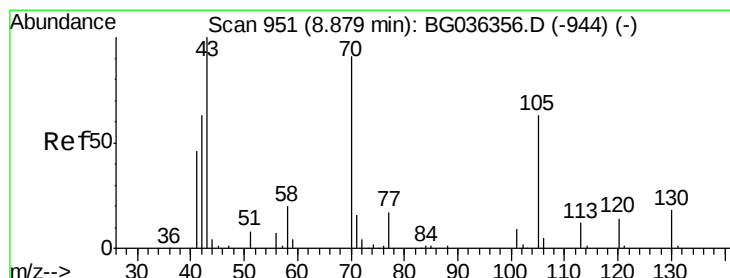
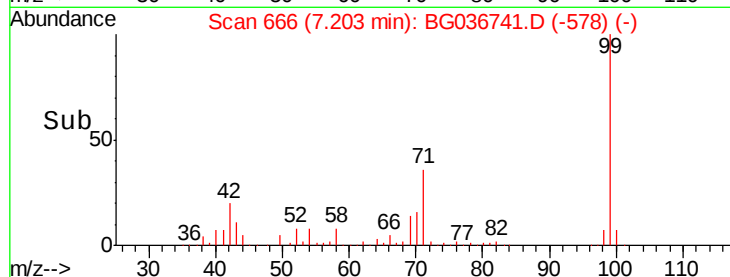
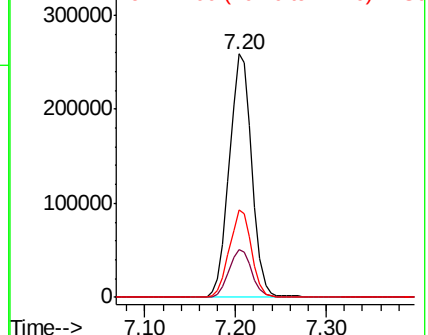
99 100

42 19.8 16.5 24.7

71 35.9 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: 13.429 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.34 min

Lab File: BG036741.D

Acq: 15 Sep 2018 14:58

Tgt Ion: 70 Resp: 43926

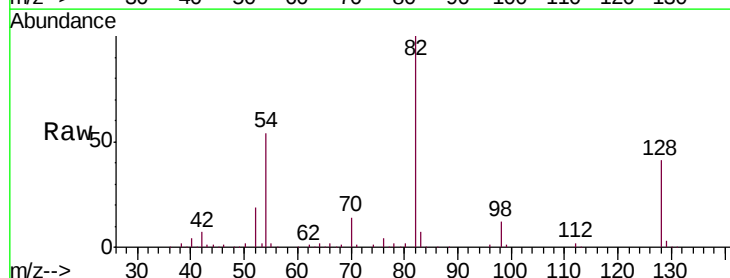
Ion Ratio Lower Upper

70 100

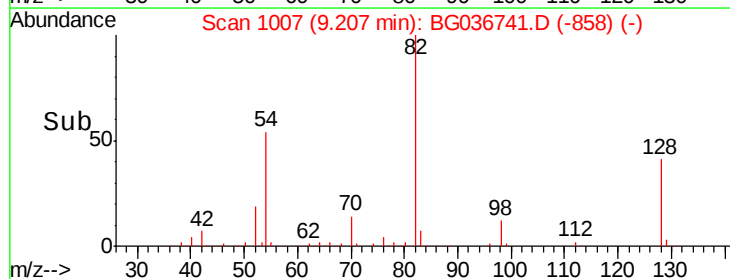
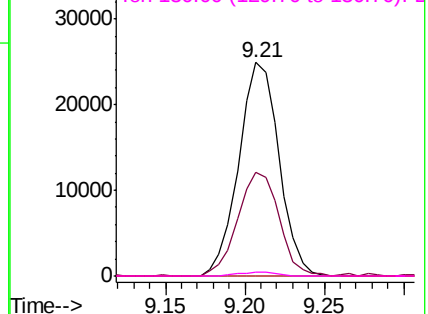
42 48.8 56.2 84.4#

101 0.0 7.8 11.6#

130 1.8 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

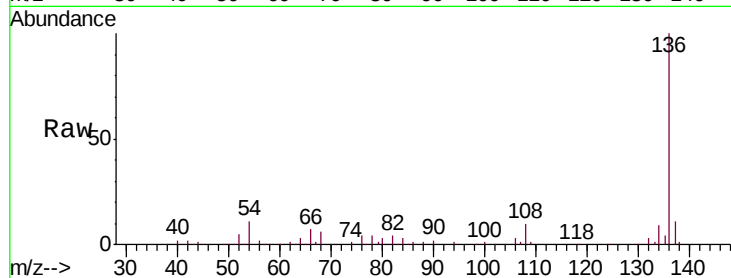




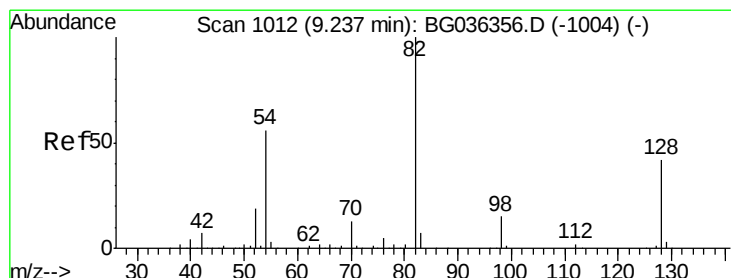
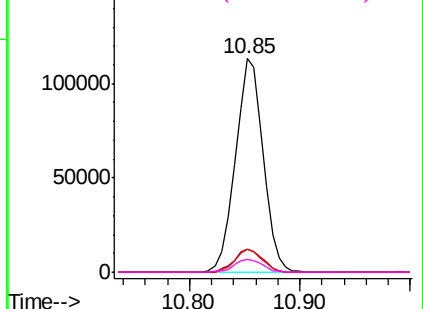
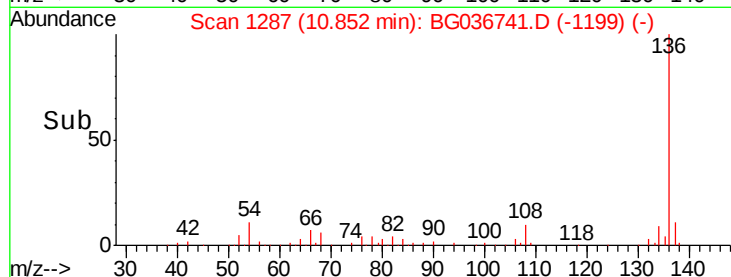
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036741.D
Acq: 15 Sep 2018 14:58

Instrument :
BNA_G
ClientSampleId :
SP-PIT-7

Tgt Ion:	136	Resp:	199100
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.8	9.2	13.8
68	5.9	5.8	8.6

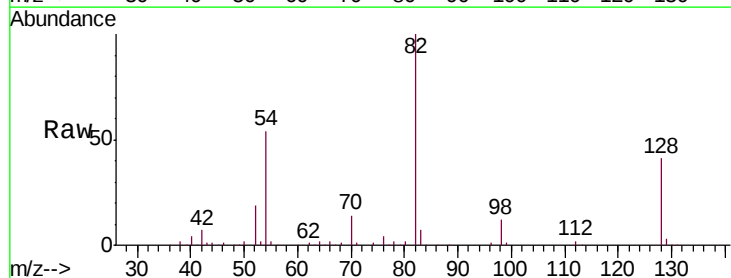


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

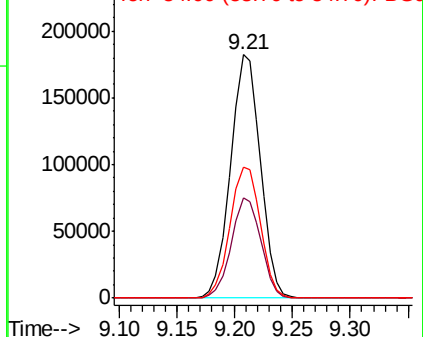
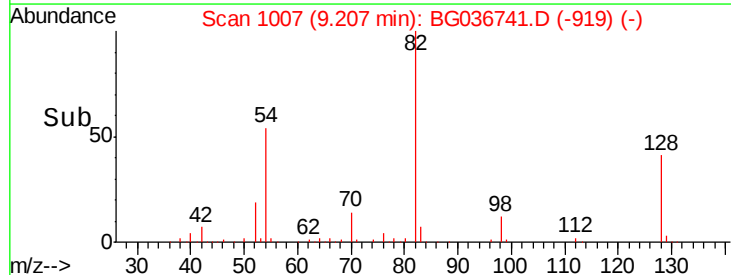


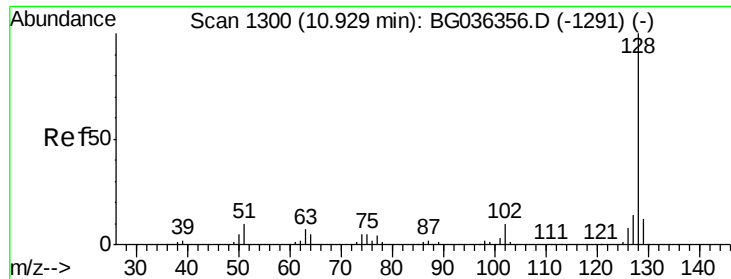
#23
Nitrobenzene-d5
Concen: 88.882 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036741.D
Acq: 15 Sep 2018 14:58

Tgt Ion:	82	Resp:	326160
Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.3	49.9
54	53.5	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

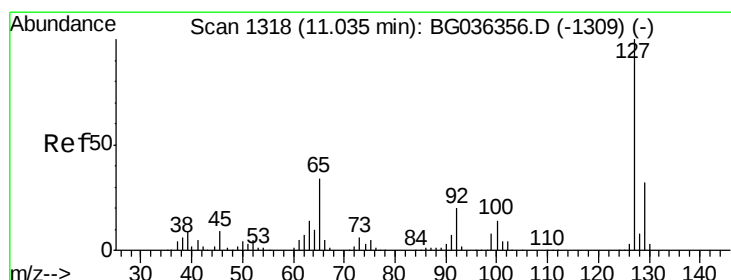
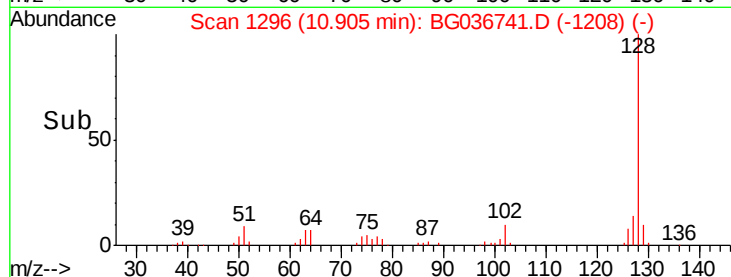
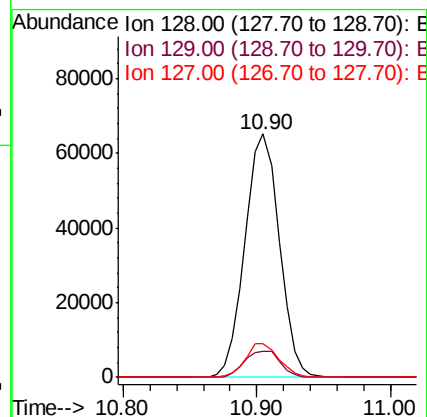
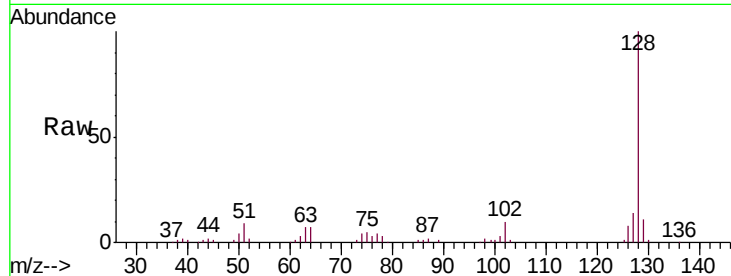




#31
Naphthalene
Concen: 11.695 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG036741.D
Acq: 15 Sep 2018 14:58

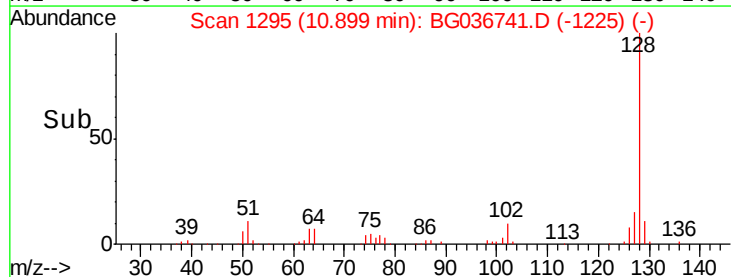
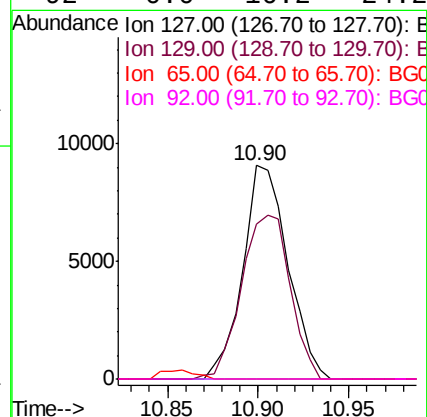
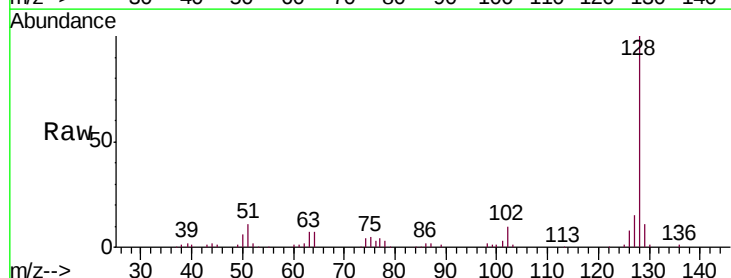
Instrument :
BNA_G
ClientSampleId :
SP-PIT-7

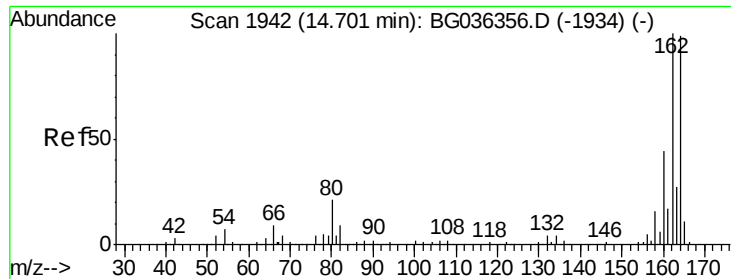
Tgt Ion:128 Resp: 116394
Ion Ratio Lower Upper
128 100
129 10.6 9.4 14.2
127 13.6 11.0 16.4



#33
4-Chloroaniline
Concen: 3.443 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.12 min
Lab File: BG036741.D
Acq: 15 Sep 2018 14:58

Tgt Ion:127 Resp: 15703
Ion Ratio Lower Upper
127 100
129 72.8 25.9 38.9#
65 0.0 27.5 41.3#
92 0.0 16.2 24.2#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036741.D

Acq: 15 Sep 2018 14:58

Instrument :

BNA_G

ClientSampleId :

SP-PIT-7

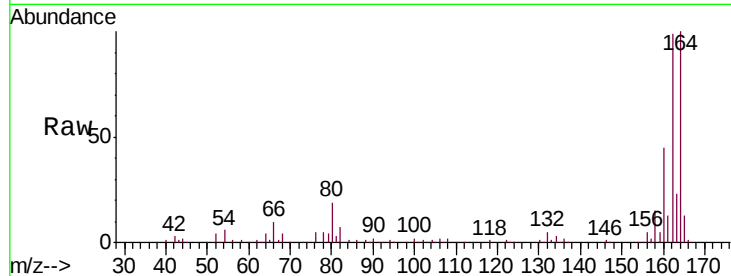
Tgt Ion:164 Resp: 136811

Ion Ratio Lower Upper

164 100

162 98.6 80.7 121.1

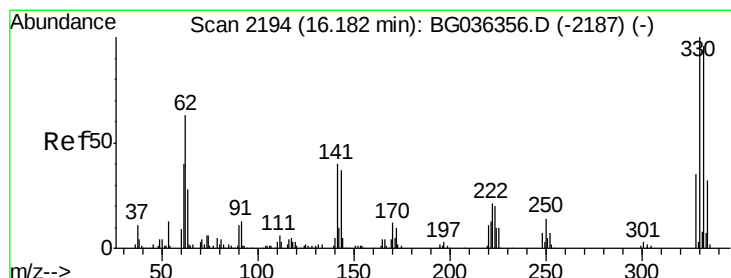
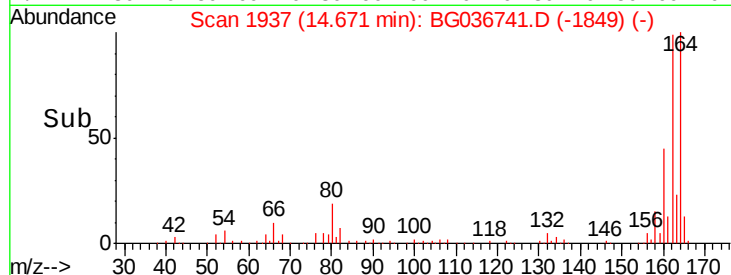
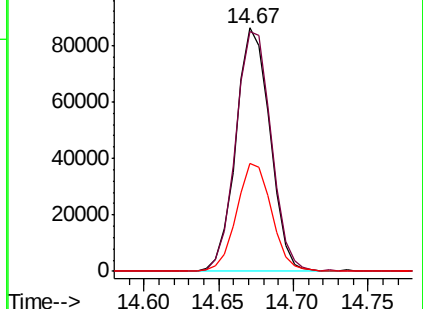
160 44.5 35.3 52.9



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: 134.374 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036741.D

Acq: 15 Sep 2018 14:58

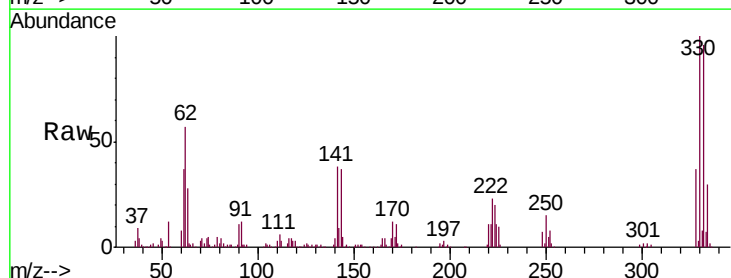
Tgt Ion:330 Resp: 219360

Ion Ratio Lower Upper

330 100

332 96.0 75.4 113.2

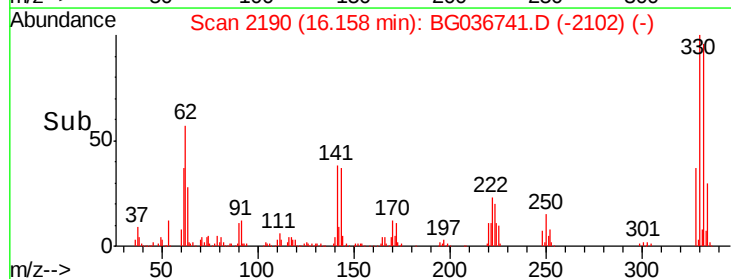
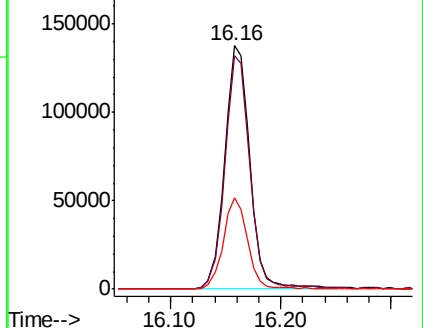
141 36.4 30.7 46.1

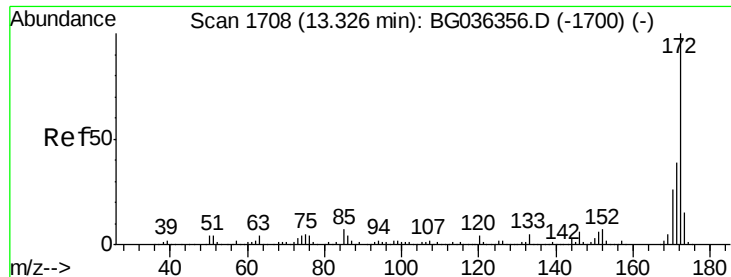


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

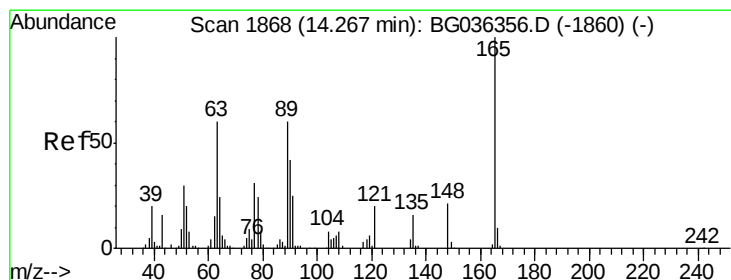
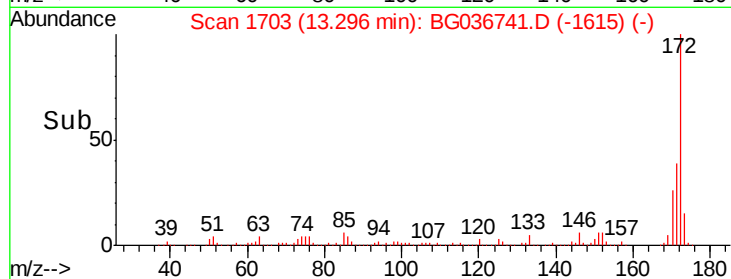
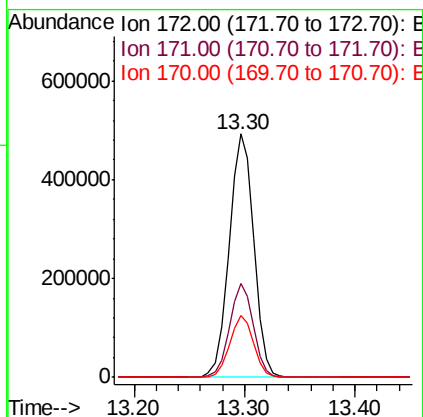
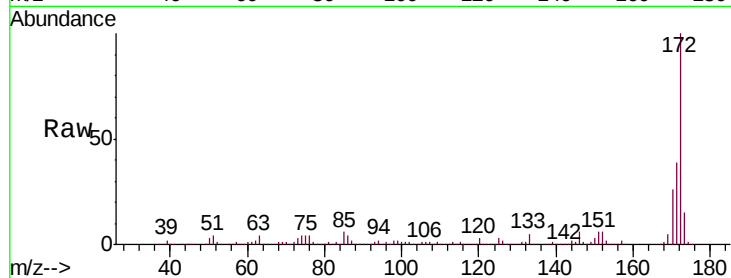




#44
 2-Fluorobiphenyl
 Concen: 80.164 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036741.D
 Acq: 15 Sep 2018 14:58

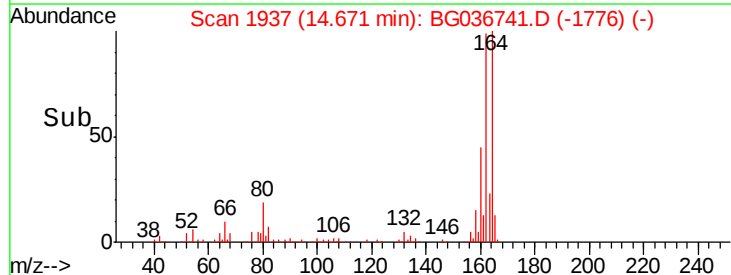
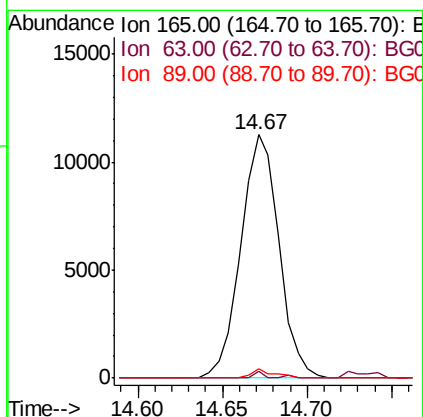
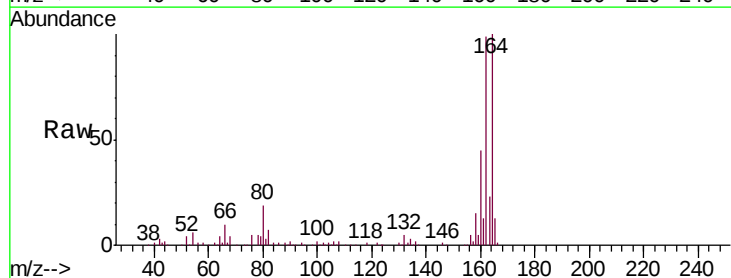
Instrument :
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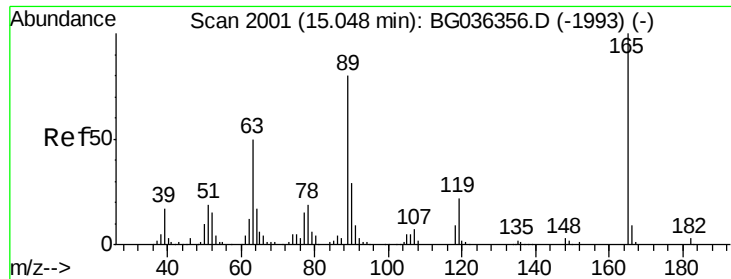
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	25.5	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.686 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.41 min
 Lab File: BG036741.D
 Acq: 15 Sep 2018 14:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.1	50.1	75.1#
89	3.7	47.8	71.6#

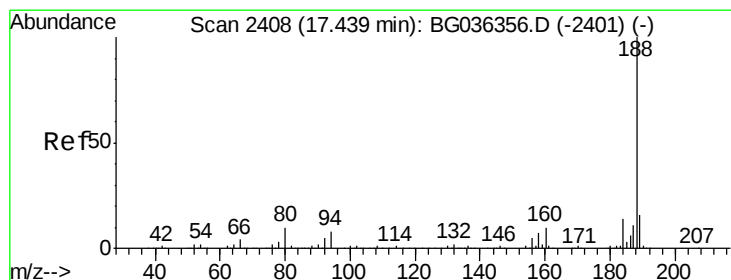
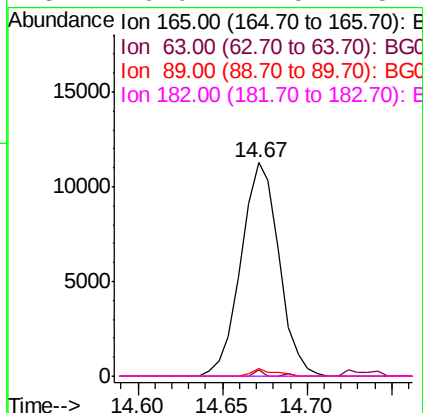
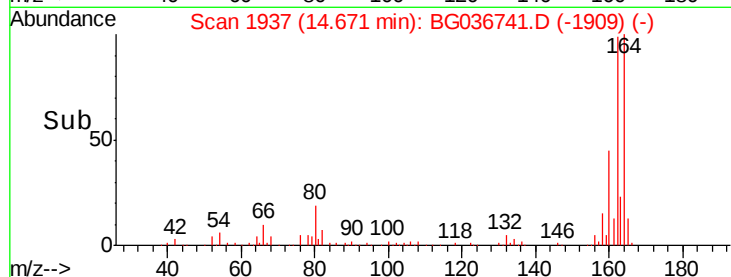
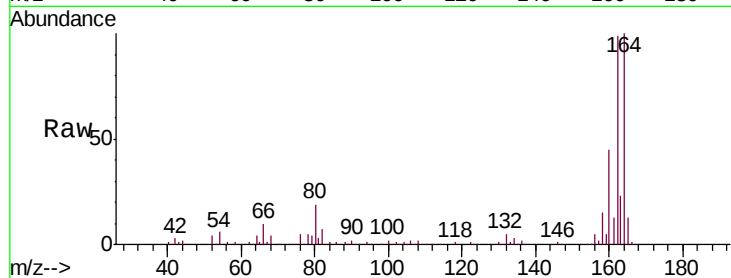




#56
 2,4-Dinitrotoluene
 Concen: 5.897 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.37 min
 Lab File: BG036741.D
 Acq: 15 Sep 2018 14:58

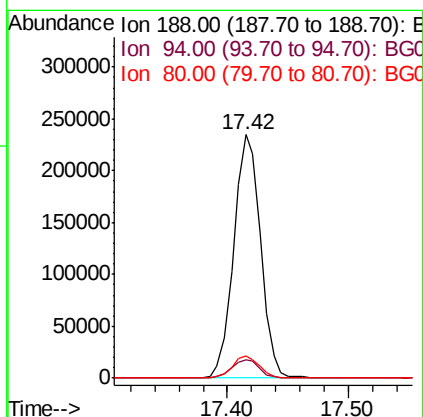
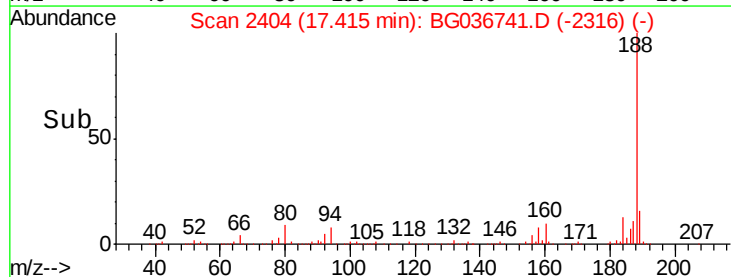
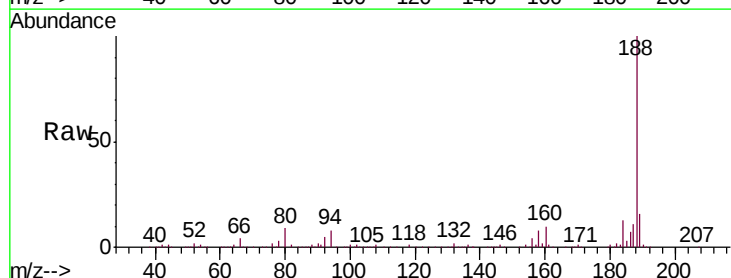
Instrument :
 BNA_G
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 SP-PIT-7

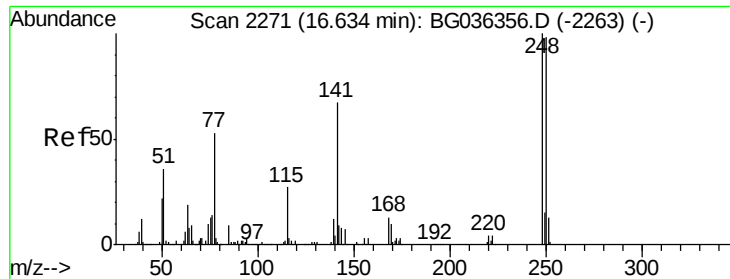
Tgt Ion:	165	Resp:	17668
Ion	Ratio	Lower	Upper
165	100		
63	3.1	40.1	60.1#
89	3.7	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036741.D
 Acq: 15 Sep 2018 14:58

Tgt Ion:	188	Resp:	363622
Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	9.0	8.1	12.1

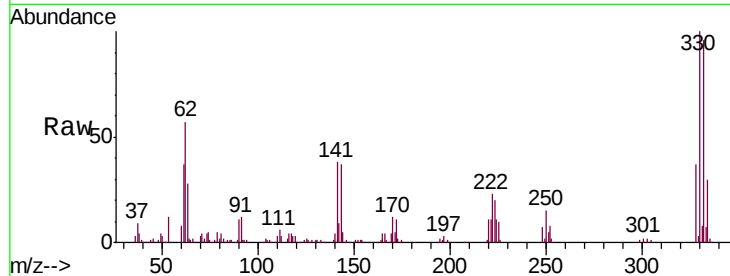




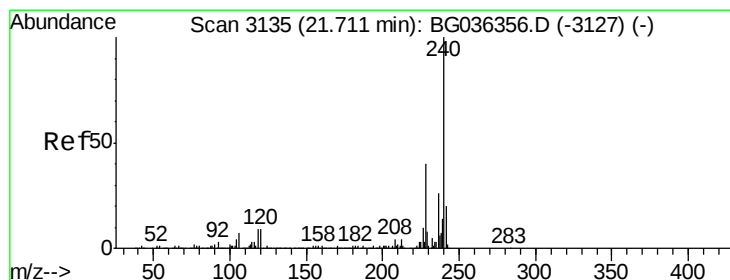
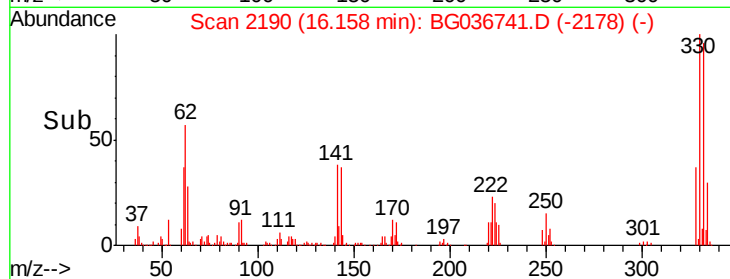
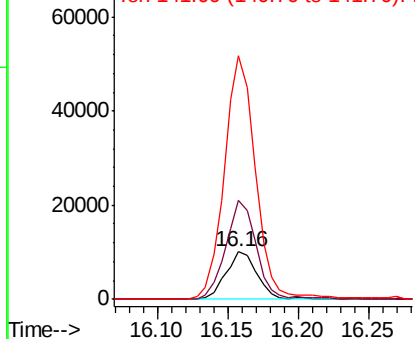
#66
 4-Bromophenyl-phenylether
 Concen: 3.647 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.46 min
 Lab File: BG036741.D
 Acq: 15 Sep 2018 14:58

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-7

Tgt Ion:248 Resp: 15525
 Ion Ratio Lower Upper
 248 100
 250 209.7 78.1 117.1#
 141 516.0 53.7 80.5#

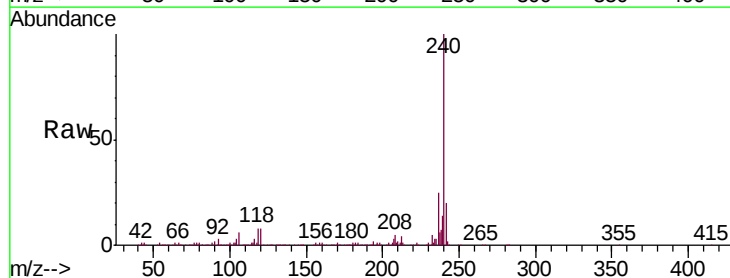


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

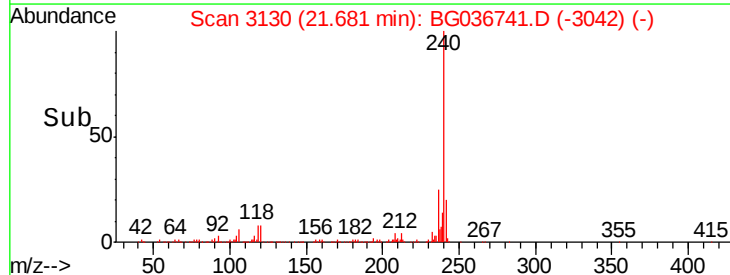
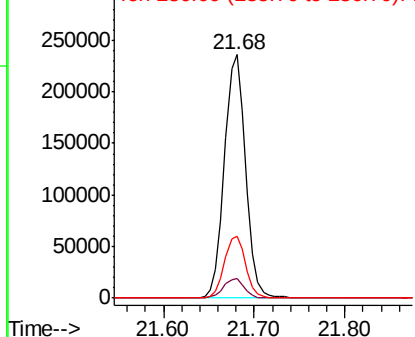


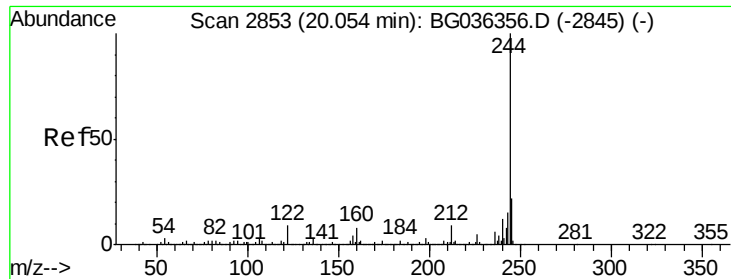
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG036741.D
 Acq: 15 Sep 2018 14:58

Tgt Ion:240 Resp: 382049
 Ion Ratio Lower Upper
 240 100
 120 7.8 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: 82.246 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036741.D

Acq: 15 Sep 2018 14:58

Instrument :

BNA_G

ClientSampled :

SP-PIT-7

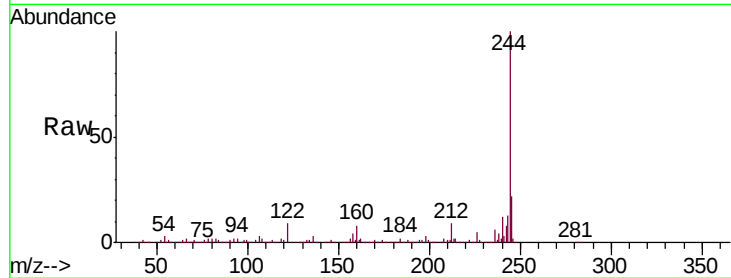
Tgt Ion:244 Resp: 1344342

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

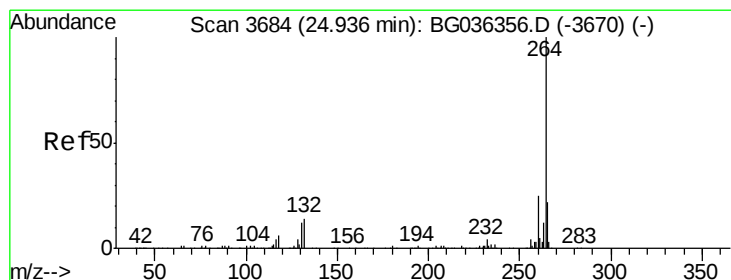
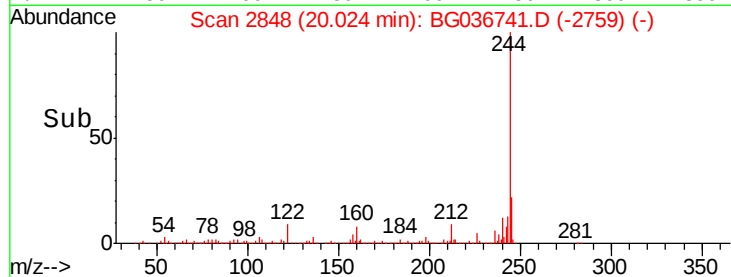
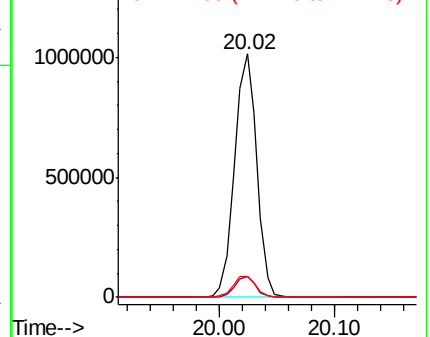
122 8.8 7.1 10.7



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: 24.88 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG036741.D

Acq: 15 Sep 2018 14:58

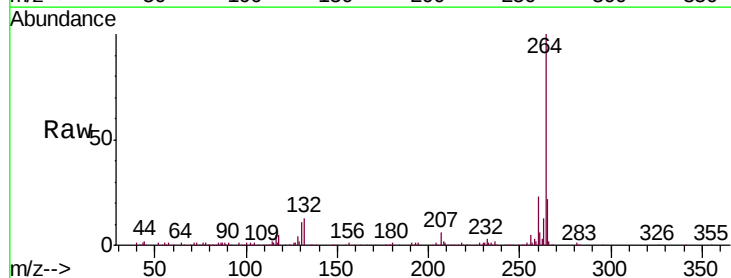
Tgt Ion:264 Resp: 378470

Ion Ratio Lower Upper

264 100

260 23.5 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

