

Data File : BG036624.D
Acq On : 8 Sep 2018 9:17
Operator : JU/SJ
Sample : J4779-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-090618-B

Quant Time: Sep 10 01:10:30 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	55984	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	239300	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	162893	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	412580	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	425440	20.00	ng	-0.01
86) Perylene-d12	24.90	264	348556	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	358726	101.64	ng	0.00
7) Phenol-d6	7.21	99	462604	91.55	ng	0.00
23) Nitrobenzene-d5	9.22	82	367079	83.23	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	166117	85.47	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	861808	75.54	ng	0.00
78) Terphenyl-d14	20.03	244	1464786	80.47	ng	0.00

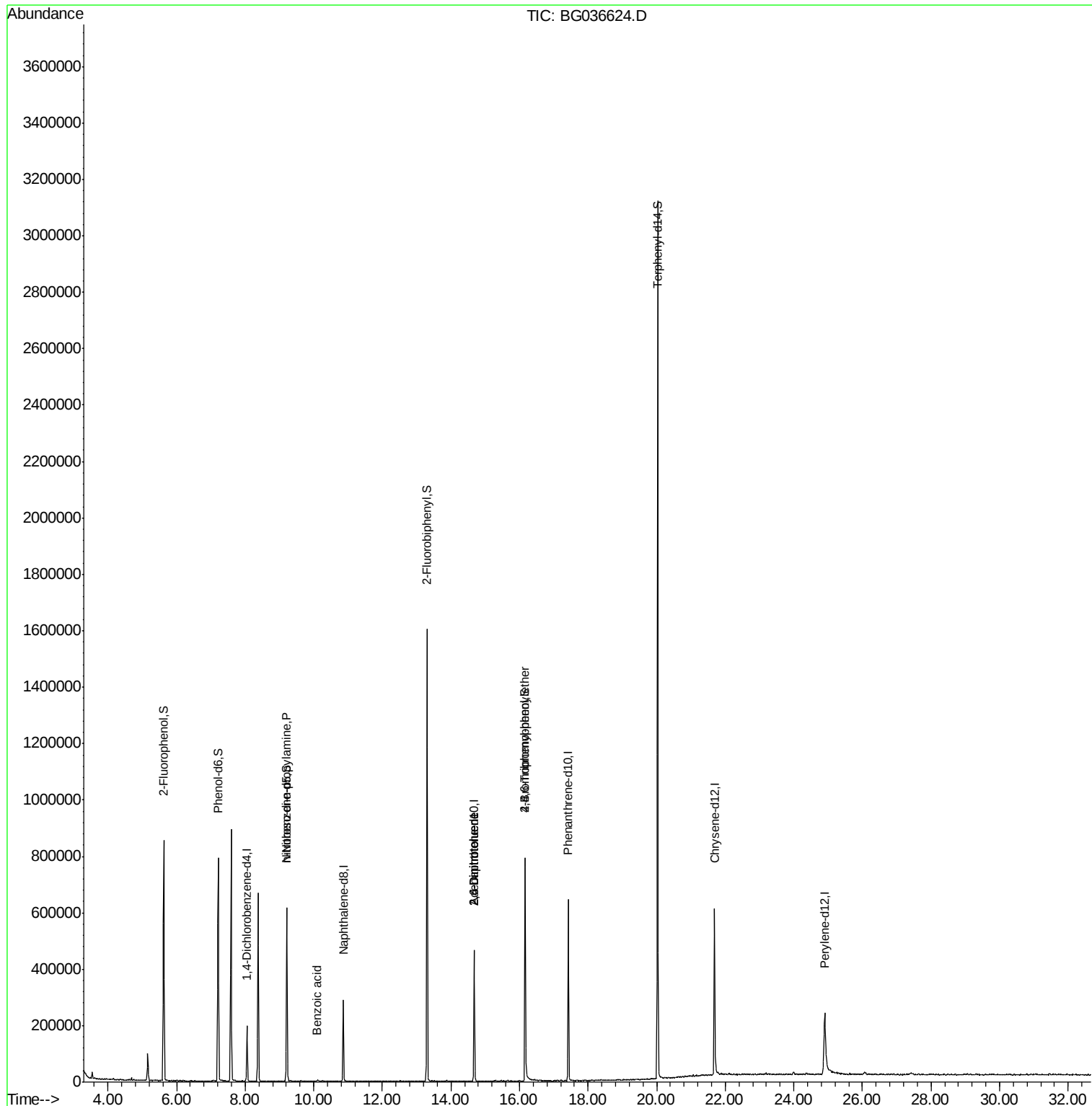
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	9.22	70	47382	12.547	ng	# 70
32) Benzoic acid	10.10	122	1765	5.098	ng	# 88
50) 2,6-Dinitrotoluene	14.68	165	21321	7.790	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	21321	5.977	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	11109	2.300	ng	# 1

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

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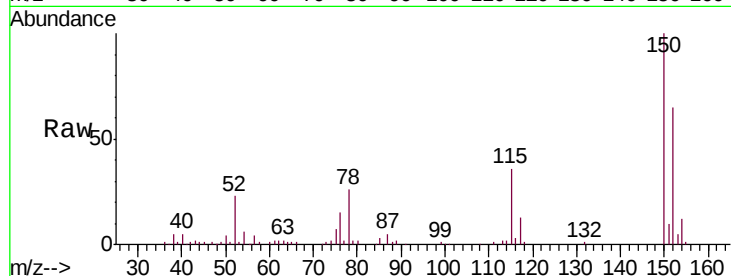




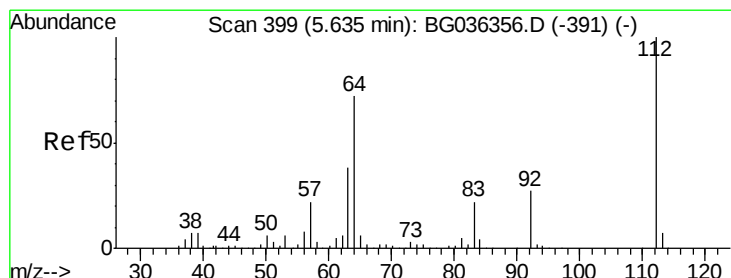
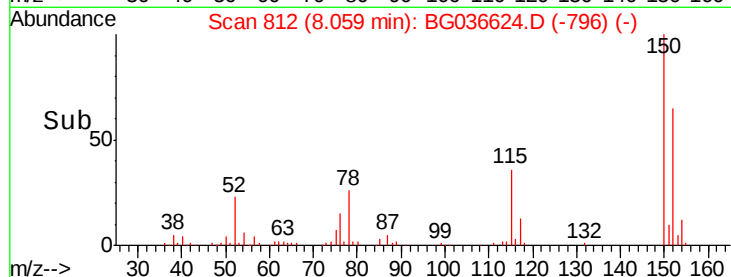
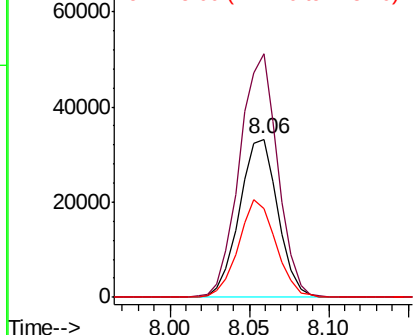
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BG036624.D
 Acq: 8 Sep 2018 9:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-090618-B

Tgt Ion:152 Resp: 55984
 Ion Ratio Lower Upper
 152 100
 150 153.9 119.5 179.3
 115 56.2 44.5 66.7

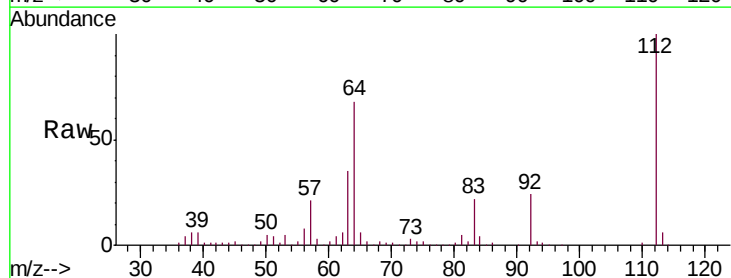


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

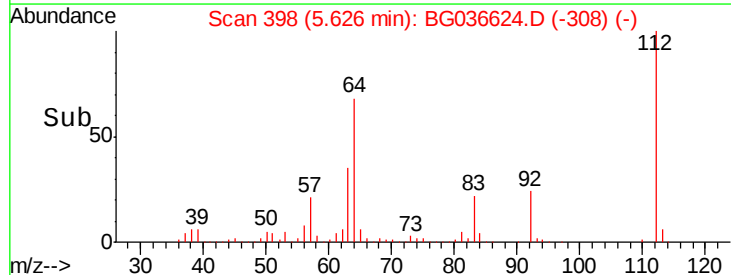
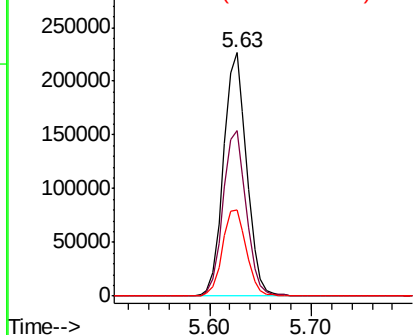


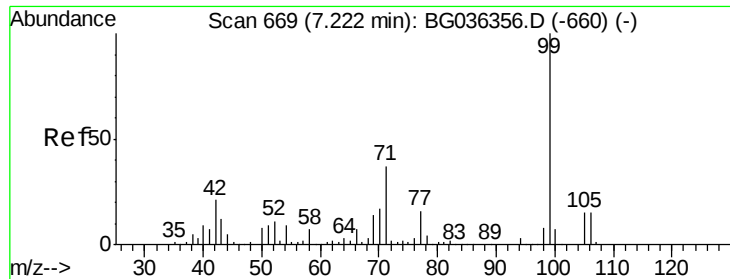
#5
 2-Fluorophenol
 Concen: 101.644 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036624.D
 Acq: 8 Sep 2018 9:17

Tgt Ion:112 Resp: 358726
 Ion Ratio Lower Upper
 112 100
 64 67.8 57.2 85.8
 63 35.3 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: 91.551 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036624.D

Acq: 8 Sep 2018 9:17

Instrument :

BNA_G

ClientSampleId :

SU-03-090618-B

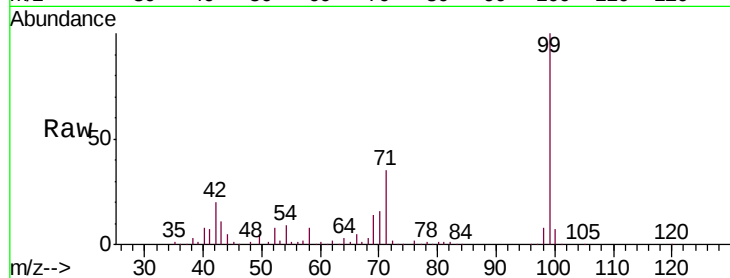
Tgt Ion: 99 Resp: 462604

Ion Ratio Lower Upper

99 100

42 19.6 16.5 24.7

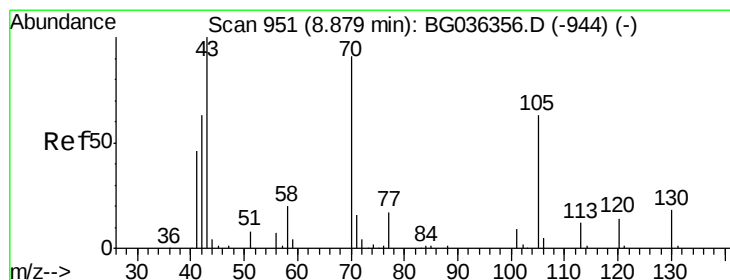
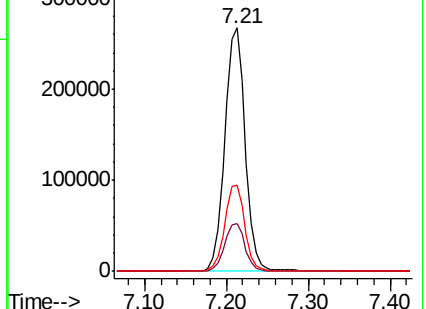
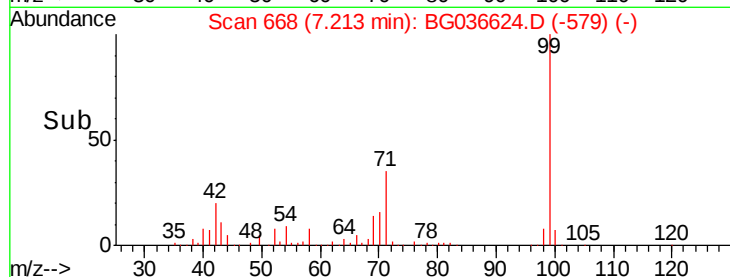
71 35.4 29.4 44.2



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: 12.547 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036624.D

Acq: 8 Sep 2018 9:17

Tgt Ion: 70 Resp: 47382

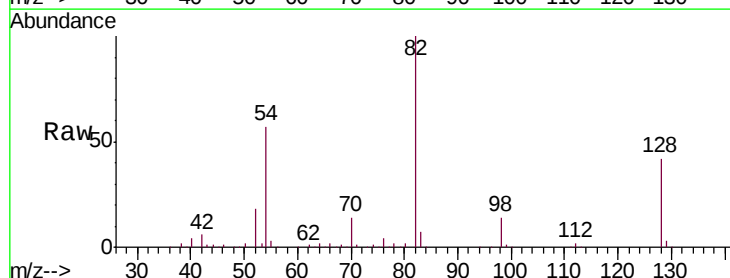
Ion Ratio Lower Upper

70 100

42 47.5 56.2 84.4#

101 0.0 7.8 11.6#

130 3.0 16.2 24.2#

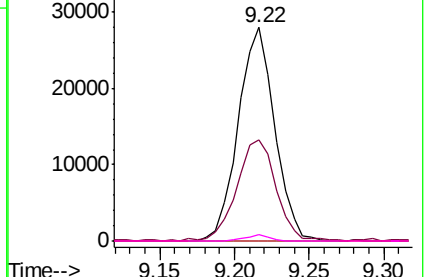
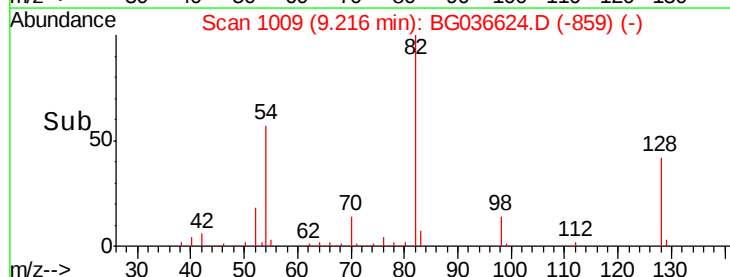


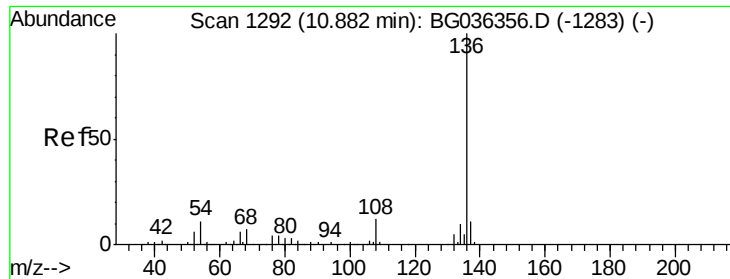
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

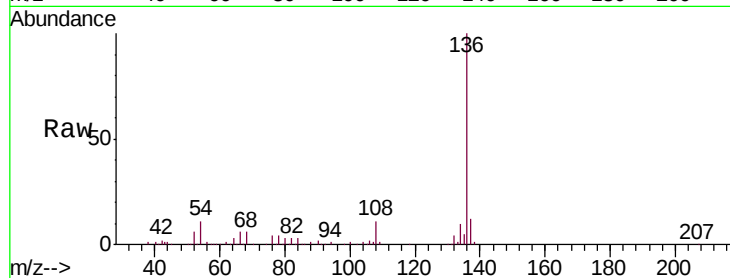




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036624.D
Acq: 8 Sep 2018 9:17

Instrument :
BNA_G
ClientSampleId :
SU-03-090618-B

Tgt Ion:	136	Resp:	239300
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	11.0	9.2	13.8
68	6.0	5.8	8.6



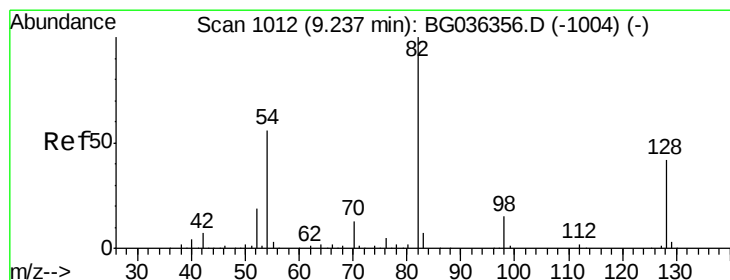
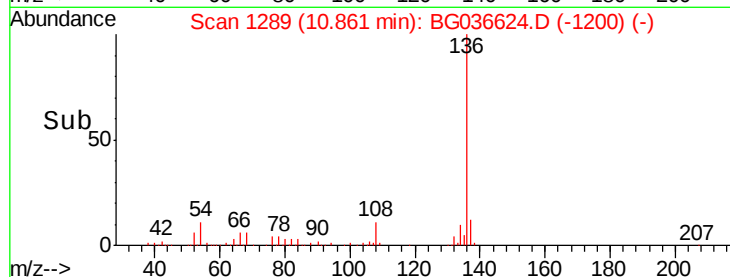
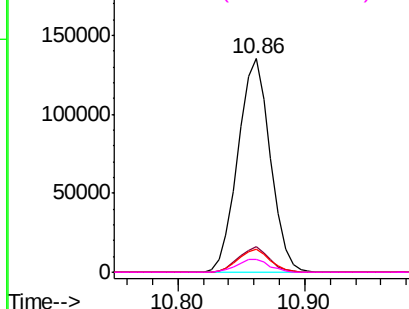
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

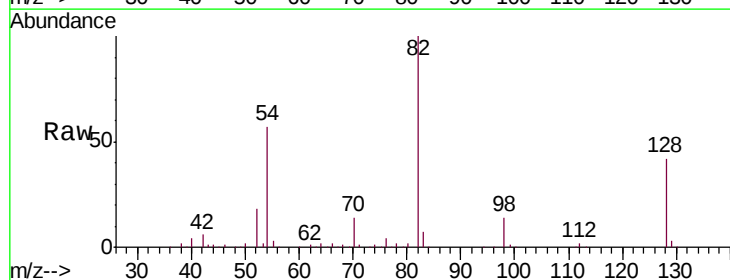
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 83.228 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036624.D
Acq: 8 Sep 2018 9:17

Tgt Ion:	82	Resp:	367079
Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.3	49.9
54	57.4	45.1	67.7

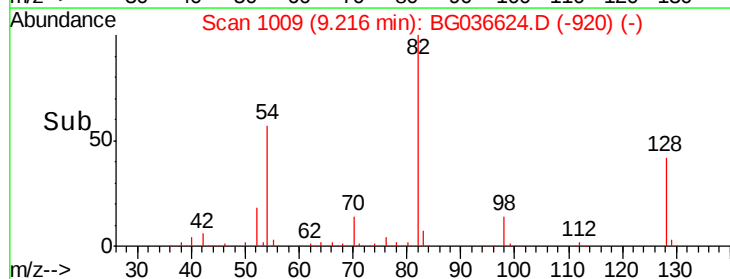
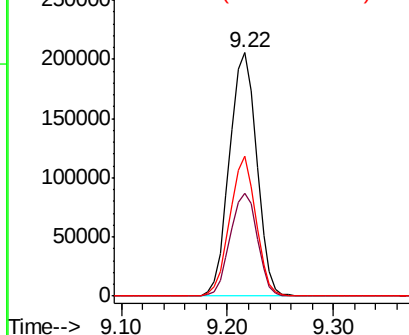


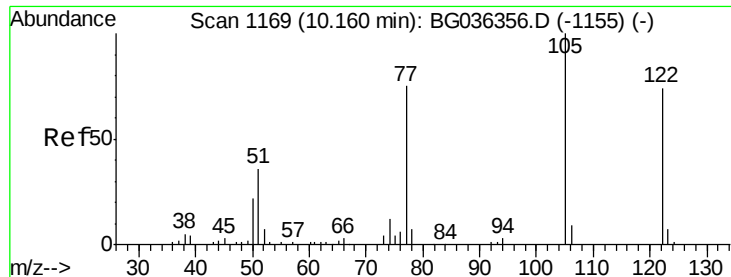
Abundance

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: 5.098 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.06 min

Lab File: BG036624.D

Acq: 8 Sep 2018 9:17

Instrument :

BNA_G

ClientSampleId :

SU-03-090618-B

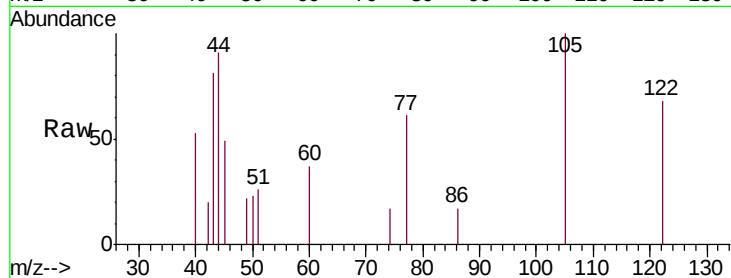
Tgt Ion:122 Resp: 1765

Ion Ratio Lower Upper

122 100

105 147.4 108.1 148.1

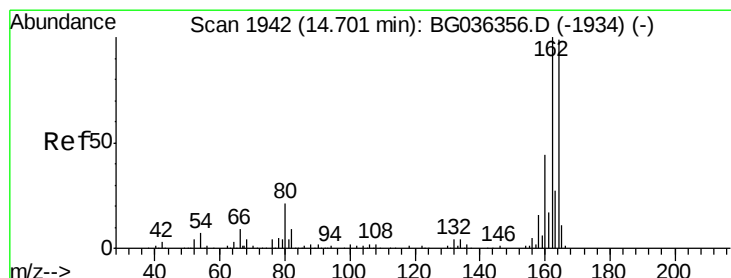
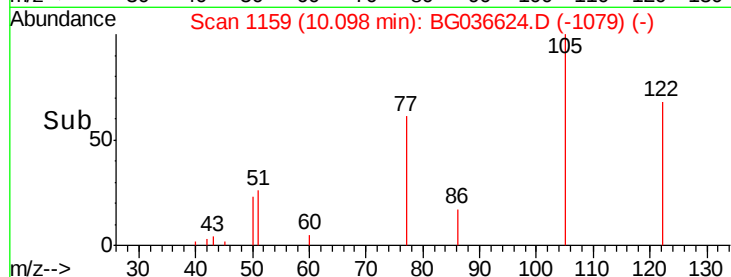
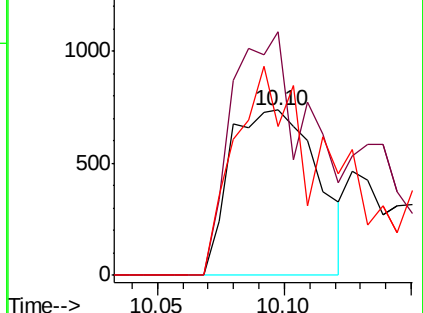
77 90.0 76.3 116.3



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: BG036624.D

Acq: 8 Sep 2018 9:17

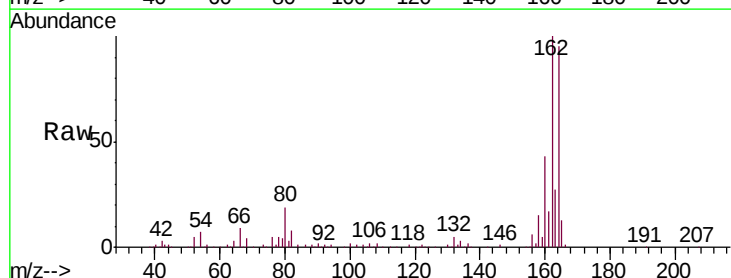
Tgt Ion:164 Resp: 162893

Ion Ratio Lower Upper

164 100

162 105.6 80.7 121.1

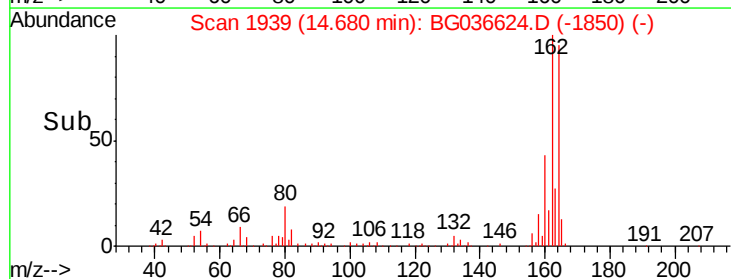
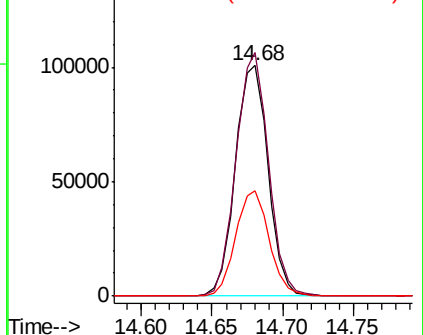
160 45.7 35.3 52.9

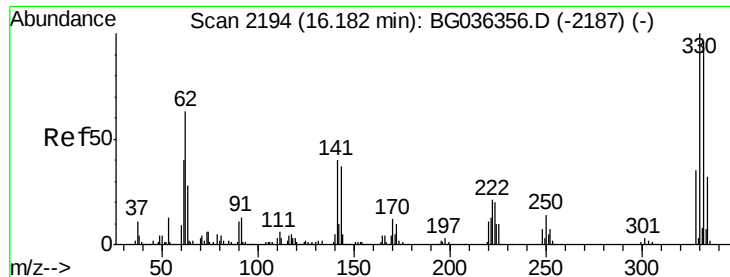


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

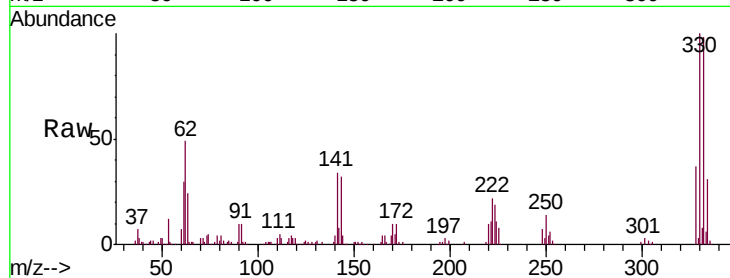




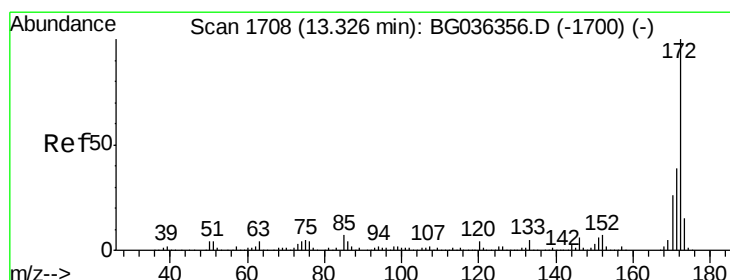
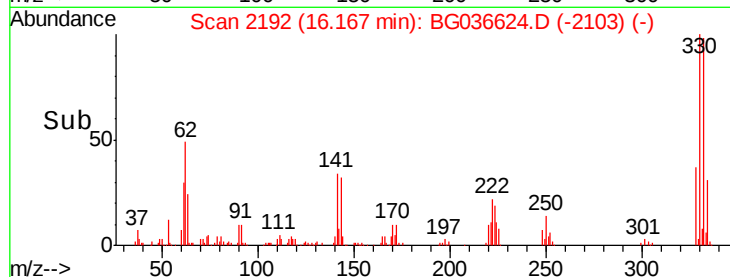
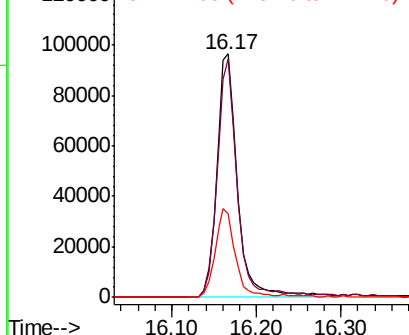
#41
 2,4,6-Tribromophenol
 Concen: 85.465 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036624.D
 Acq: 8 Sep 2018 9:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-090618-B

Tgt Ion:330 Resp: 166117
 Ion Ratio Lower Upper
 330 100
 332 93.6 75.4 113.2
 141 36.2 30.7 46.1

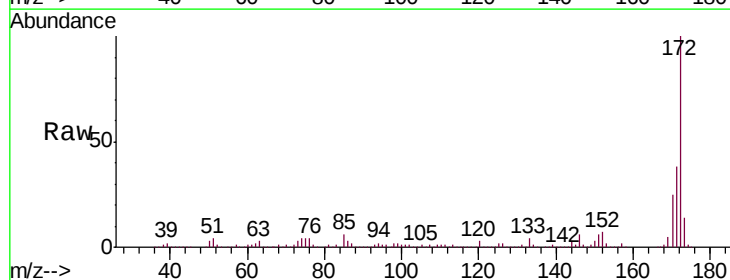


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

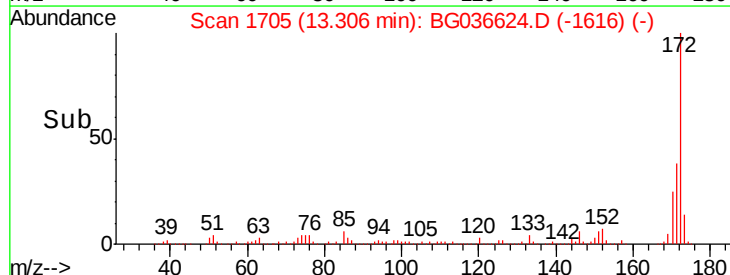
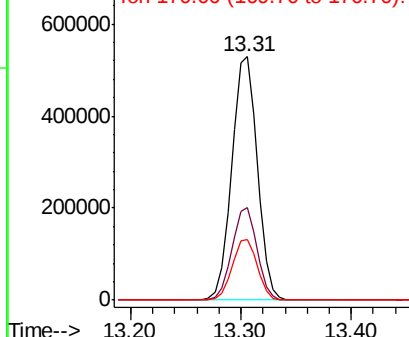


#44
 2-Fluorobiphenyl
 Concen: 75.541 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036624.D
 Acq: 8 Sep 2018 9:17

Tgt Ion:172 Resp: 861808
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.3 46.9
 170 24.9 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

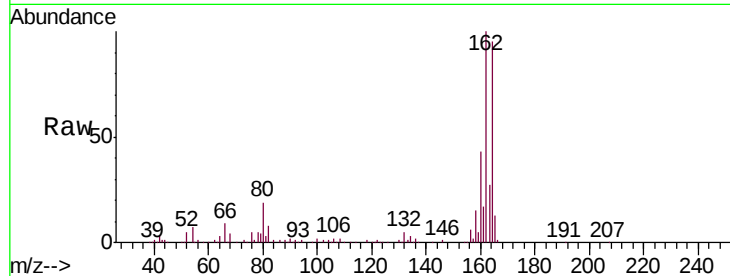




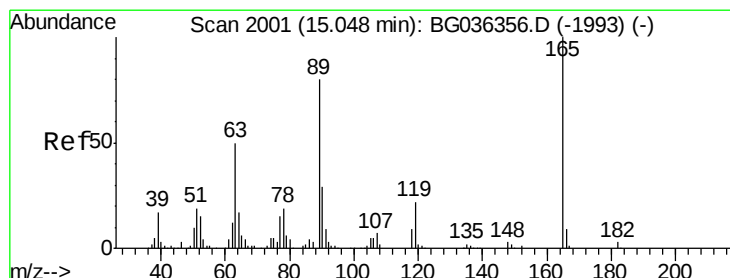
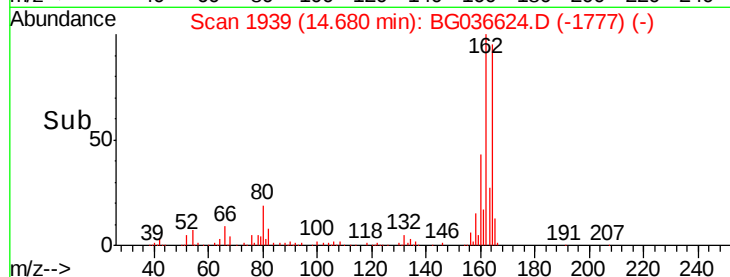
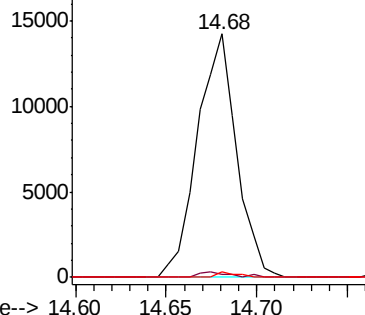
#50
2,6-Dinitrotoluene
Concen: 7.790 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.42 min
Lab File: BG036624.D
Acq: 8 Sep 2018 9:17

Instrument :
BNA_G
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SU-03-090618-B

Tgt Ion:165 Resp: 21321
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 2.5 47.8 71.6#

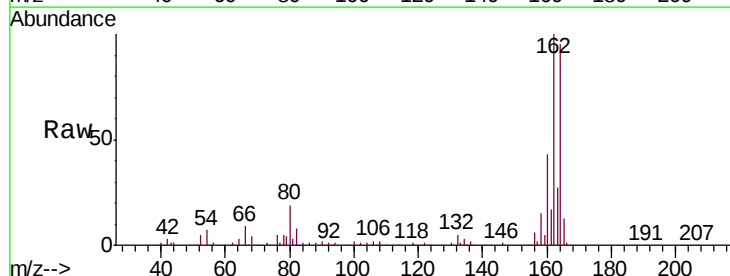


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

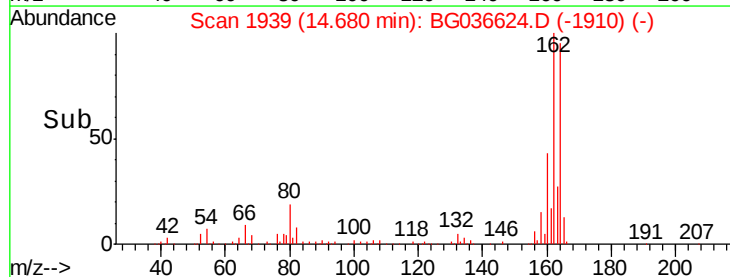
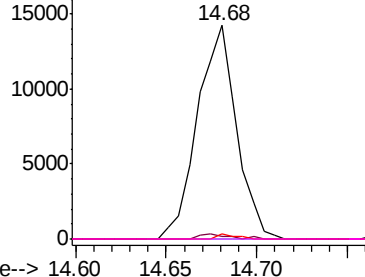


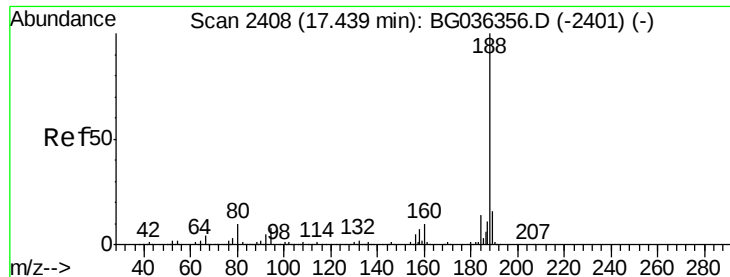
#56
2,4-Dinitrotoluene
Concen: 5.977 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG036624.D
Acq: 8 Sep 2018 9:17

Tgt Ion:165 Resp: 21321
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 2.5 63.7 95.5#
182 0.0 2.5 3.7#



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
Ion 182.00 (181.70 to 182.70): E

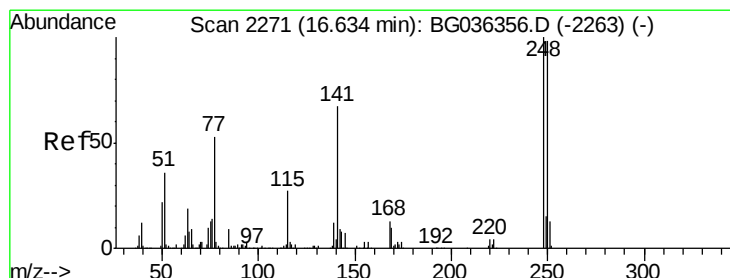
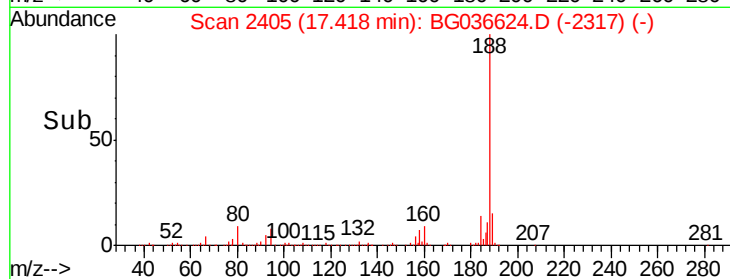
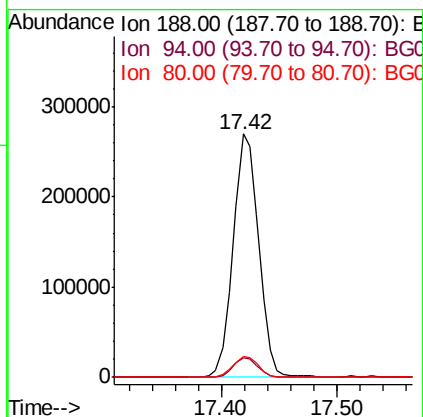
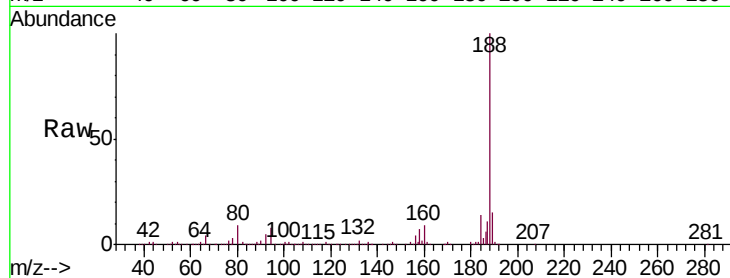




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036624.D
 Acq: 8 Sep 2018 9:17

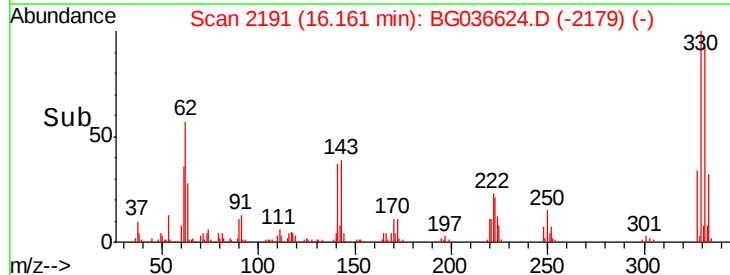
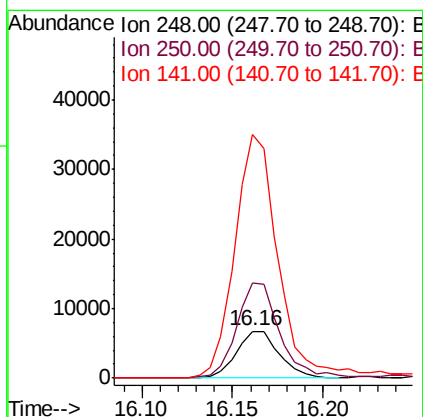
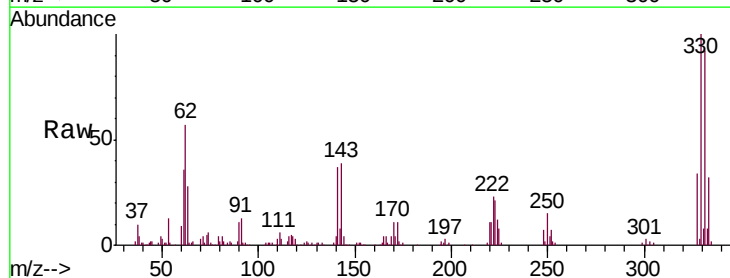
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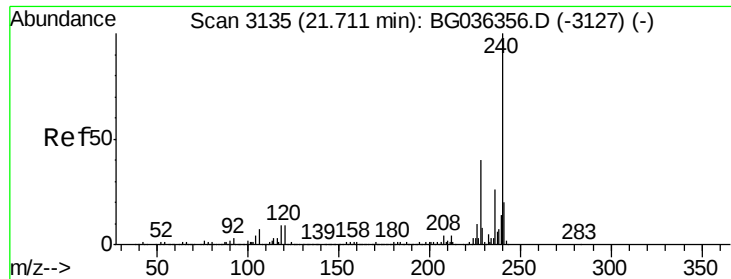
Tgt Ion:188 Resp: 412580
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.7 10.1
 80 8.8 8.1 12.1



#66
 4-Bromophenyl-phenylether
 Concen: 2.300 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036624.D
 Acq: 8 Sep 2018 9:17

Tgt Ion:248 Resp: 11109
 Ion Ratio Lower Upper
 248 100
 250 203.5 78.1 117.1#
 141 520.2 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036624.D

Acq: 8 Sep 2018 9:17

Instrument :

BNA_G

ClientSampleId :

SU-03-090618-B

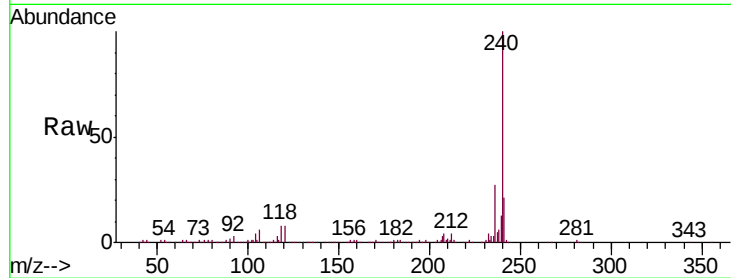
Tgt Ion:240 Resp: 425440

Ion Ratio Lower Upper

240 100

120 7.6 6.9 10.3

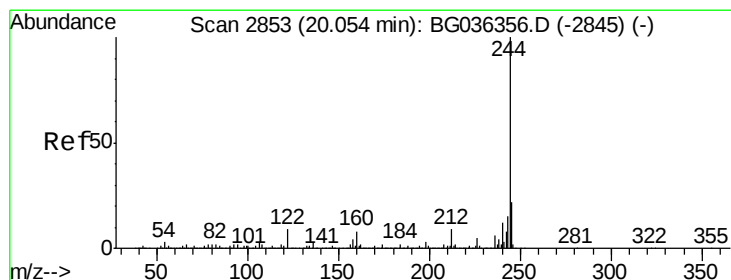
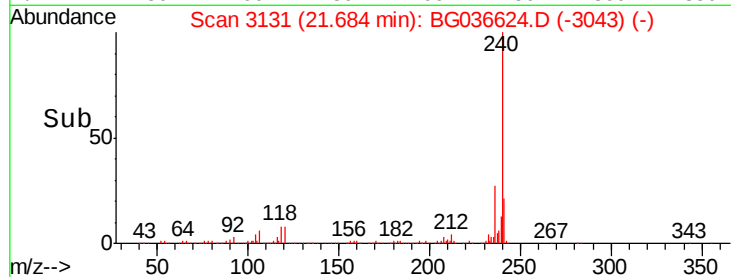
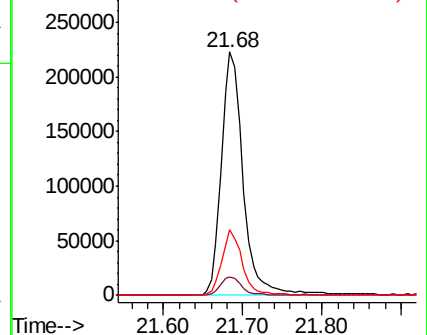
236 26.9 21.2 31.8



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: 80.474 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036624.D

Acq: 8 Sep 2018 9:17

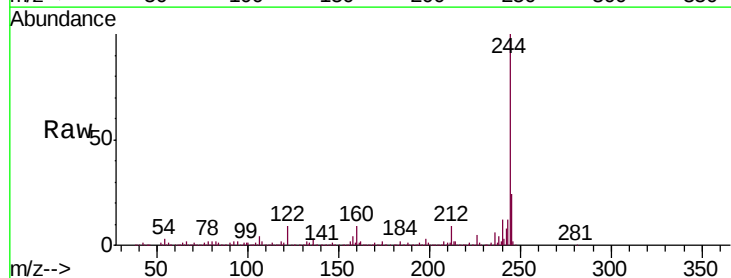
Tgt Ion:244 Resp: 1464786

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

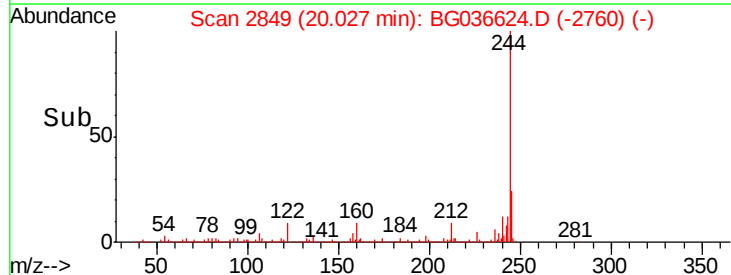
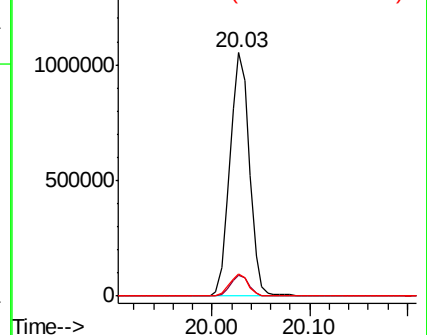
122 9.0 7.1 10.7

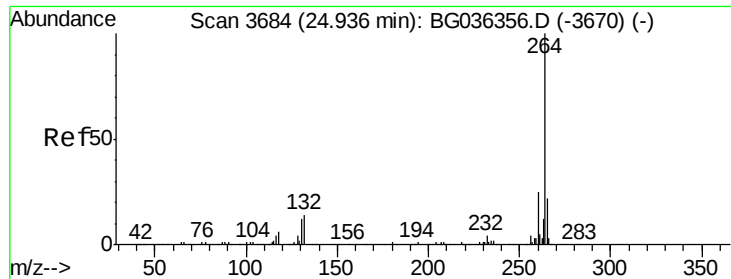


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.00 min
Lab File: BG036624.D
Acq: 8 Sep 2018 9:17

Instrument :
BNA_G
ClientSampleId :
SU-03-090618-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	23.2	17.4	26.0

