

Data File : BG036617.D
Acq On : 8 Sep 2018 4:44
Operator : JU/SJ
Sample : J4809-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MS-SLUDGE-V24129

Quant Time: Sep 08 05:22:46 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	55929	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	230852	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	161743	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	403311	20.00	ng	0.00
75) Chrysene-d12	21.69	240	418940	20.00	ng	0.00
86) Perylene-d12	24.89	264	384831	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	353280	100.20	ng	0.00
7) Phenol-d6	7.21	99	441955	87.55	ng	0.00
23) Nitrobenzene-d5	9.21	82	356803	83.86	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	197218	102.19	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	838608	74.03	ng	0.00
78) Terphenyl-d14	20.03	244	1443836	80.55	ng	0.00

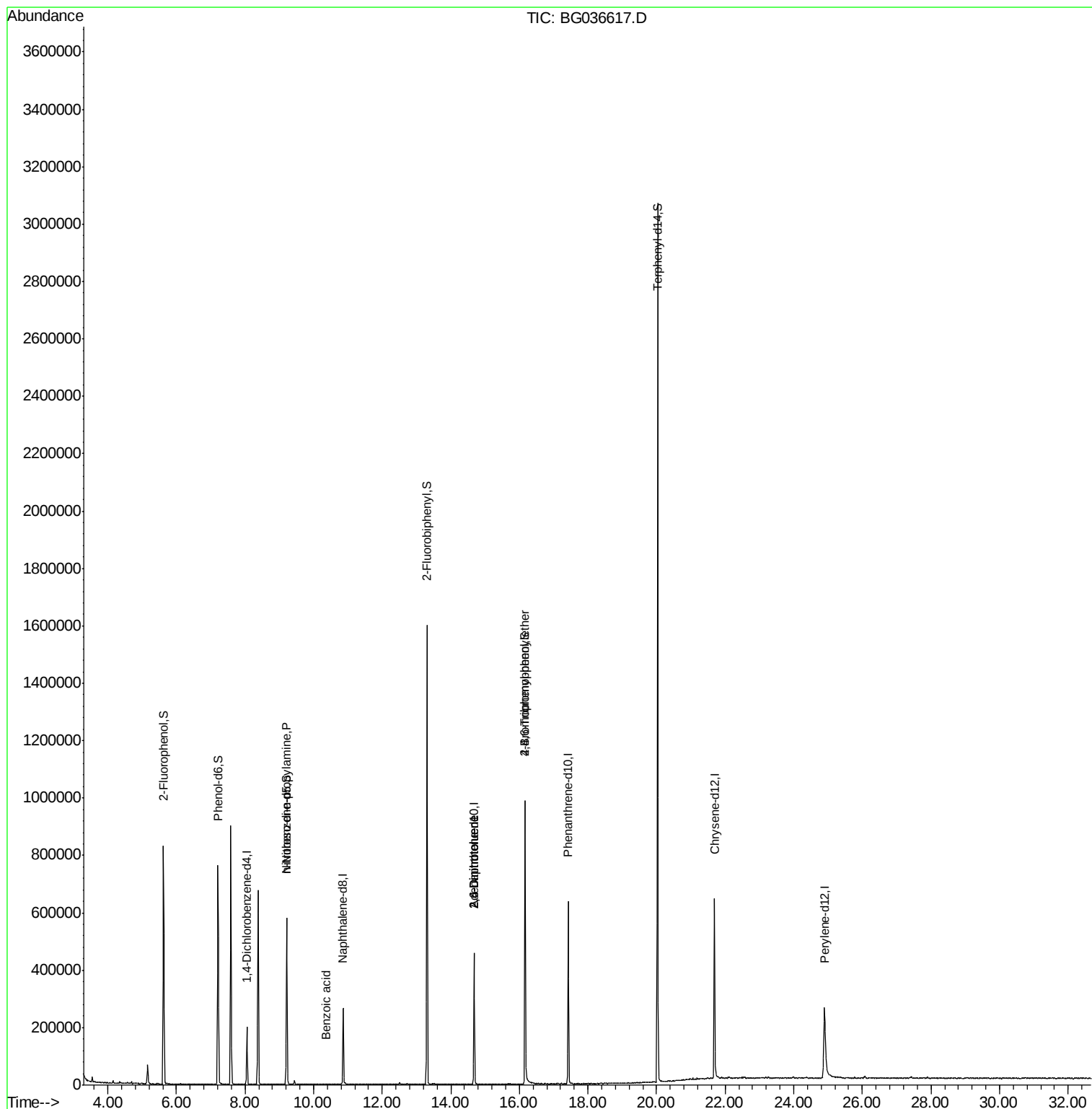
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	9.21	70	47884	12.692	ng	# 68
32) Benzoic acid	10.35	122	54	4.499	ng	# 1
50) 2,6-Dinitrotoluene	14.68	165	20706	7.619	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	20706	5.846	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	12859	2.723	ng	# 1

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

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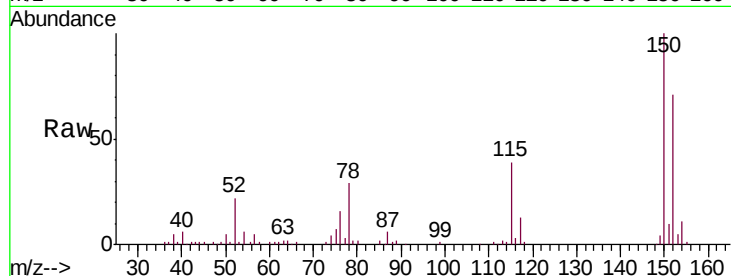


#1

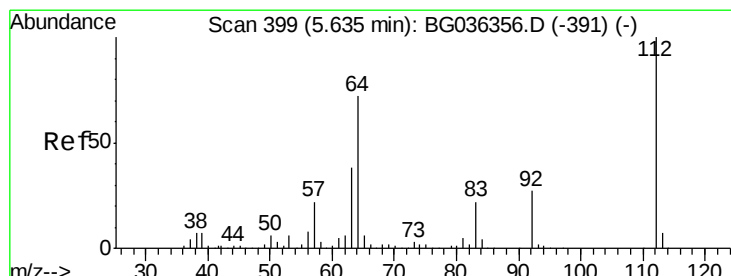
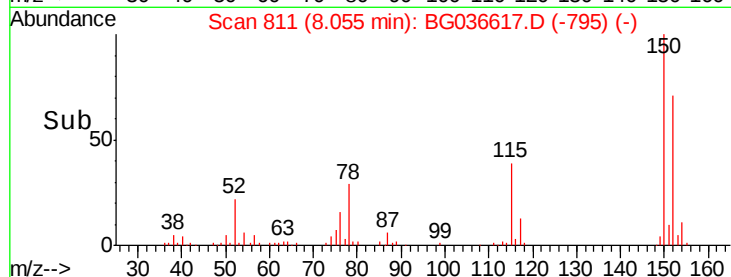
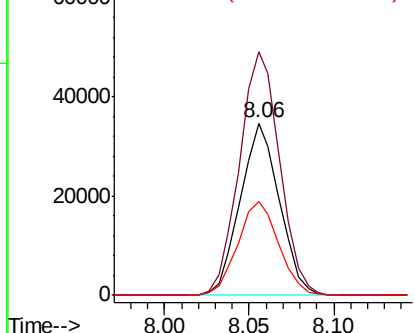
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036617.D
Acq: 8 Sep 2018 4:44

Instrument :
BNA_F
ClientSampleId :
MS-SLUDGE-V24129

Tgt Ion:152 Resp: 55929
Ion Ratio Lower Upper
152 100
150 141.6 119.5 179.3
115 54.9 44.5 66.7



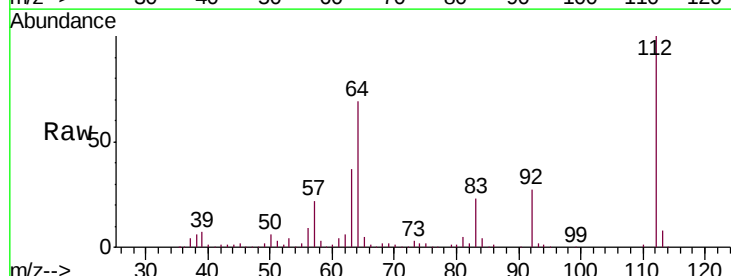
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



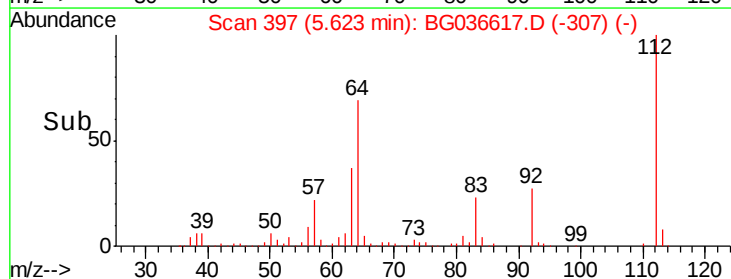
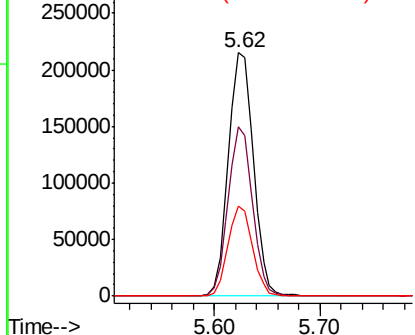
#5

2-Fluorophenol
Concen: 100.200 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036617.D
Acq: 8 Sep 2018 4:44

Tgt Ion:112 Resp: 353280
Ion Ratio Lower Upper
112 100
64 69.3 57.2 85.8
63 36.9 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: 87.550 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036617.D

Acq: 8 Sep 2018 4:44

Instrument :

BNA_F

ClientSampleId :

MS-SLUDGE-V24129

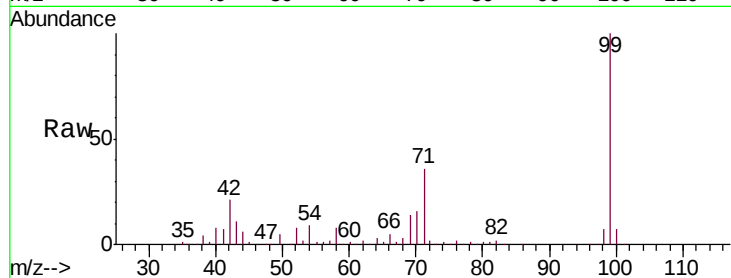
Tgt Ion: 99 Resp: 441955

Ion Ratio Lower Upper

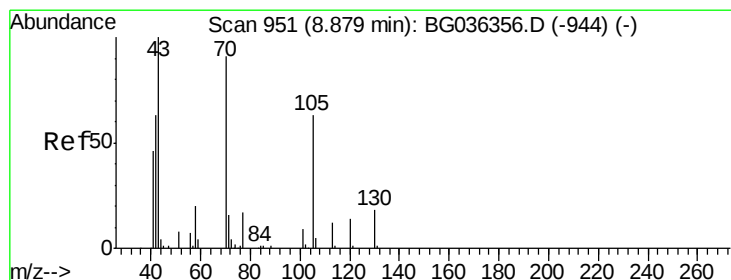
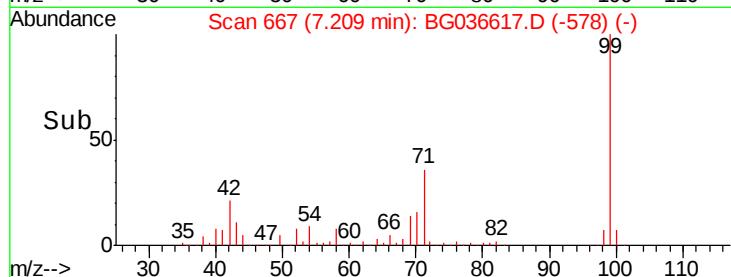
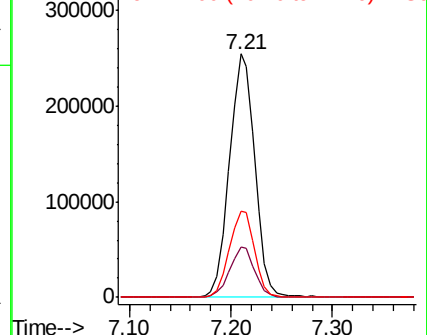
99 100

42 20.5 16.5 24.7

71 35.5 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: 12.692 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036617.D

Acq: 8 Sep 2018 4:44

Tgt Ion: 70 Resp: 47884

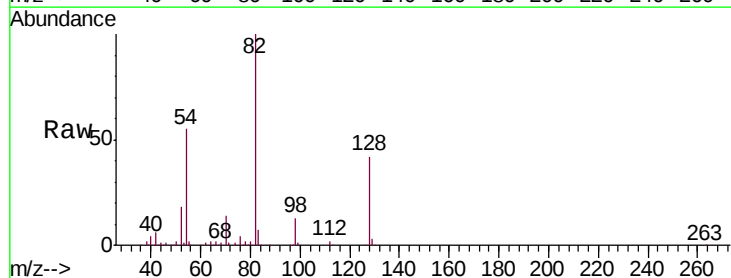
Ion Ratio Lower Upper

70 100

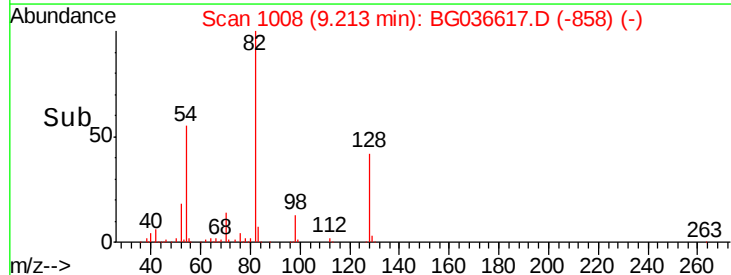
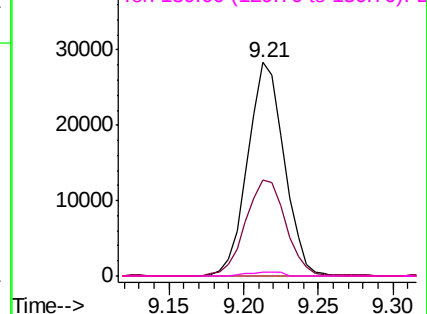
42 45.1 56.2 84.4#

101 0.0 7.8 11.6#

130 1.7 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

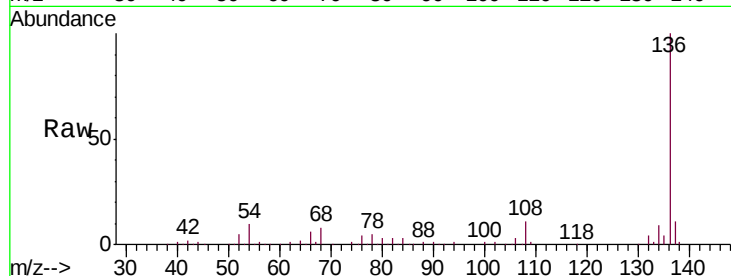




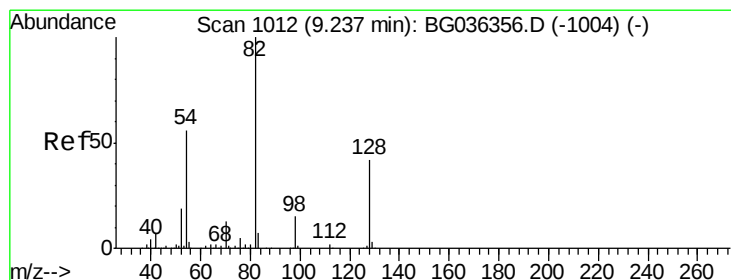
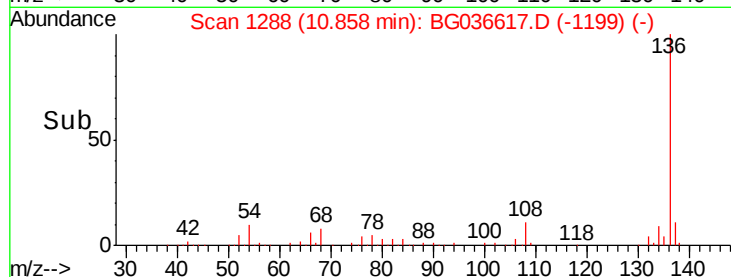
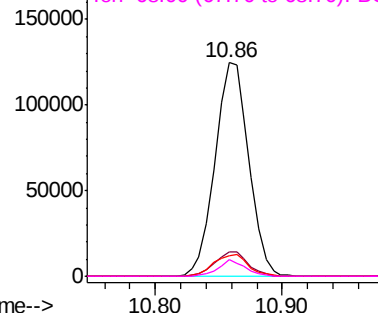
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036617.D
Acq: 8 Sep 2018 4:44

Instrument :
BNA_F
ClientSampleId :
MS-SLUDGE-V24129

Tgt Ion:	136	Resp:	230852
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	9.9	9.2	13.8
68	7.6	5.8	8.6

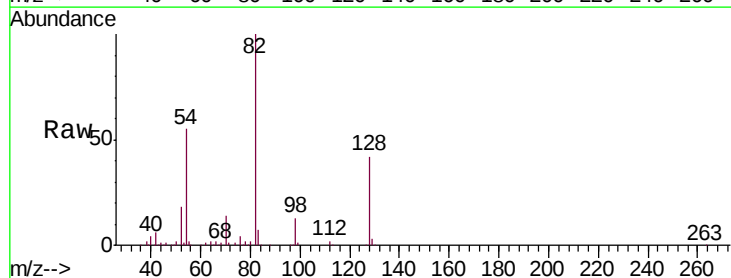


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

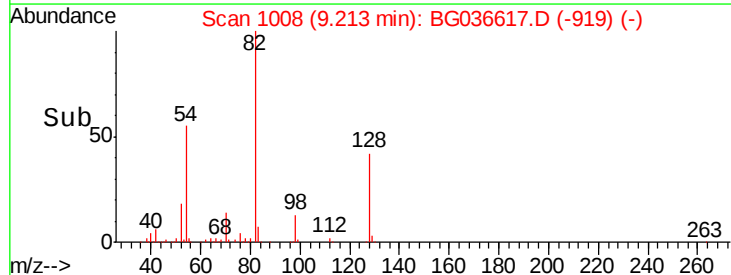
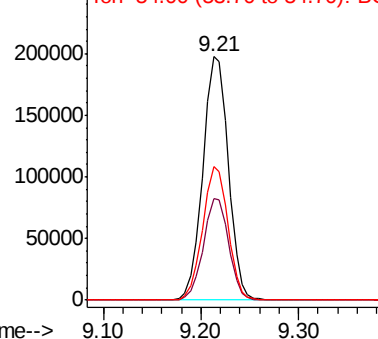


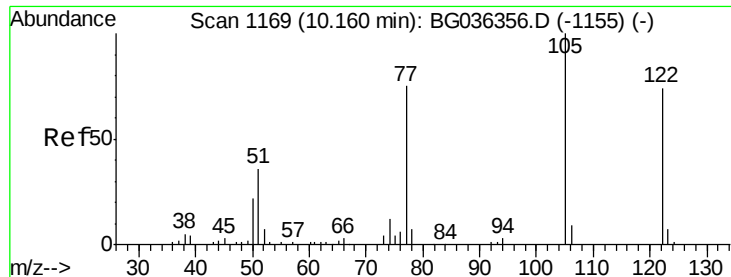
#23
Nitrobenzene-d5
Concen: 83.859 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036617.D
Acq: 8 Sep 2018 4:44

Tgt Ion:	82	Resp:	356803
Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	54.9	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: 4.499 ng

RT: 10.35 min Scan# 1202

Delta R.T. 0.20 min

Lab File: BG036617.D

Acq: 8 Sep 2018 4:44

Instrument :

BNA_F

ClientSampleId :

MS-SLUDGE-V24129

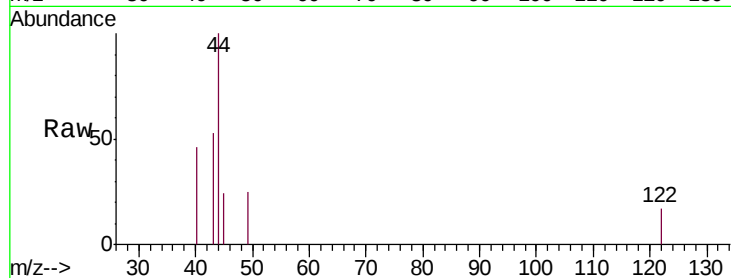
Tgt Ion:122 Resp: 54

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

10.35

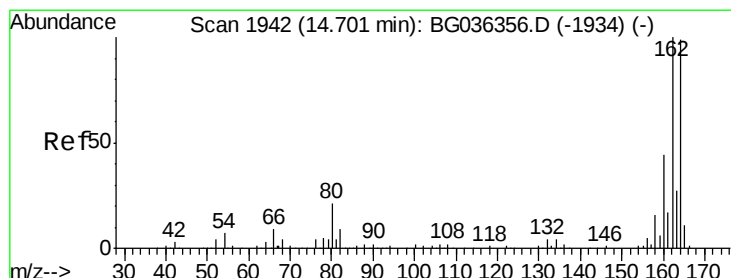
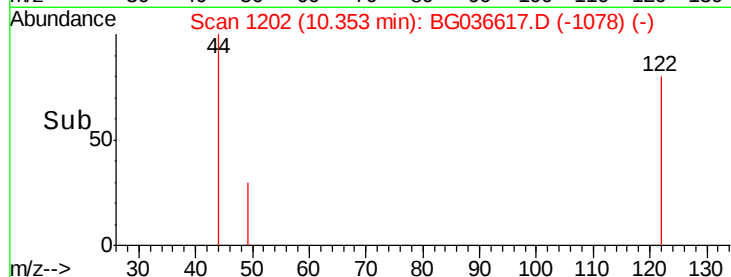
150

100

50

0

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036617.D

Acq: 8 Sep 2018 4:44

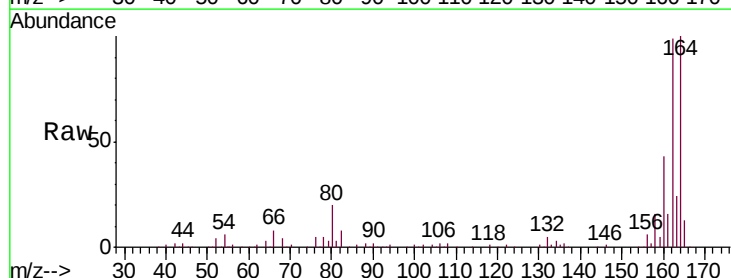
Tgt Ion:164 Resp: 161743

Ion Ratio Lower Upper

164 100

162 98.7 80.7 121.1

160 42.8 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

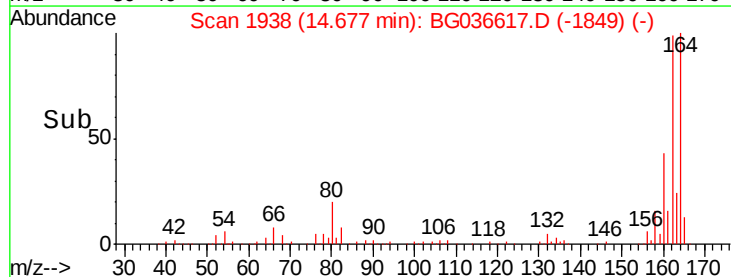
14.68

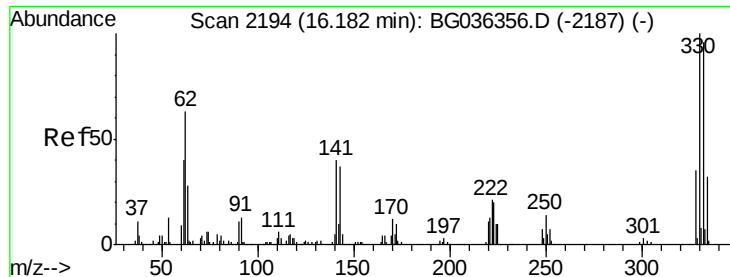
100000

50000

0

Time-->

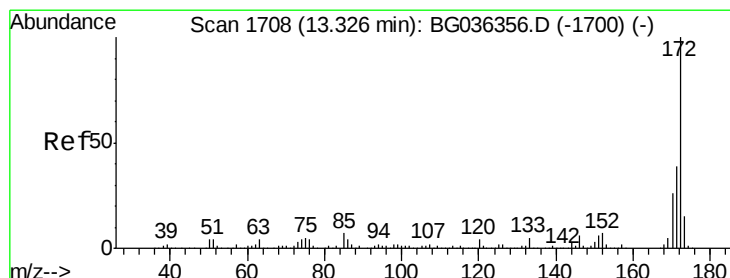
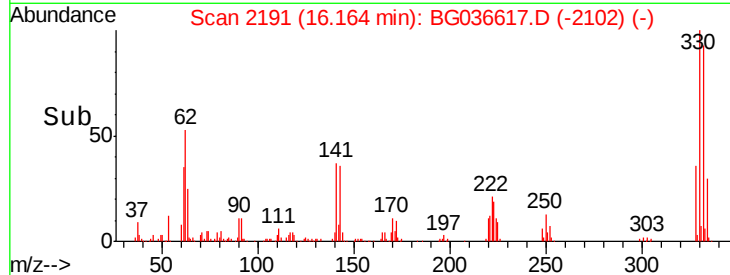
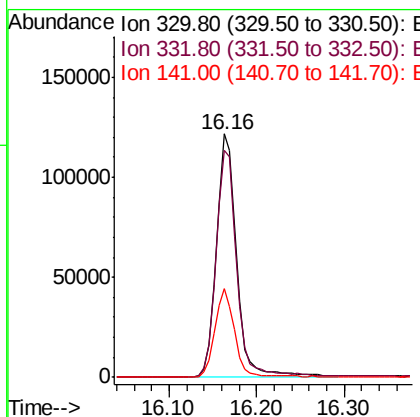
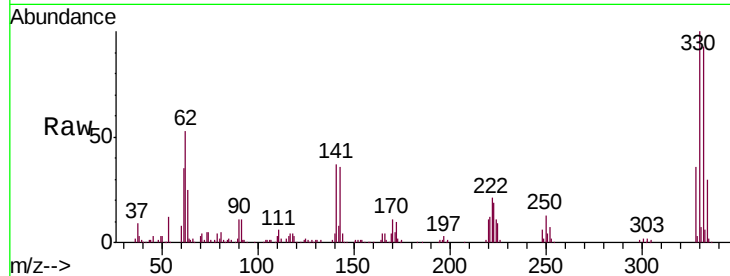




#41
 2,4,6-Tribromophenol
 Concen: 102.188 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036617.D
 Acq: 8 Sep 2018 4:44

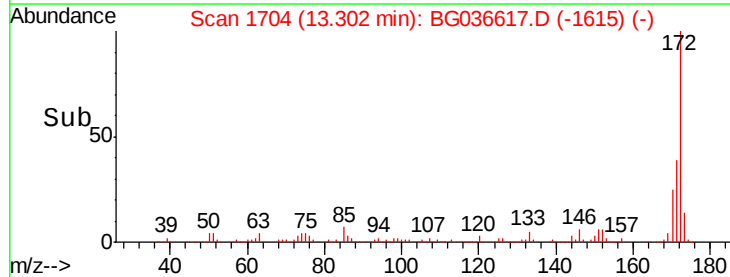
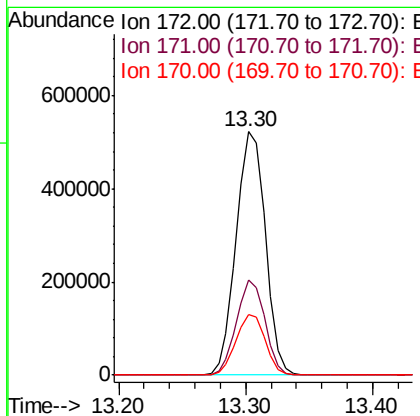
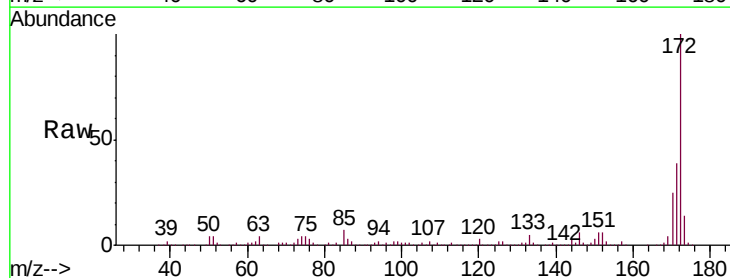
Instrument :
 BNA_F
 ClientSampleId :
 MS-SLUDGE-V24129

Tgt Ion:330 Resp: 197218
 Ion Ratio Lower Upper
 330 100
 332 93.3 75.4 113.2
 141 35.5 30.7 46.1



#44
 2-Fluorobiphenyl
 Concen: 74.030 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036617.D
 Acq: 8 Sep 2018 4:44

Tgt Ion:172 Resp: 838608
 Ion Ratio Lower Upper
 172 100
 171 39.1 31.3 46.9
 170 24.9 21.0 31.6





#50

2,6-Dinitrotoluene

Concen: 7.619 ng

RT: 14.68 min Scan# 1938

Delta R.T. 0.42 min

Lab File: BG036617.D

Acq: 8 Sep 2018 4:44

Instrument :

BNA_F

ClientSampleId :

MS-SLUDGE-V24129

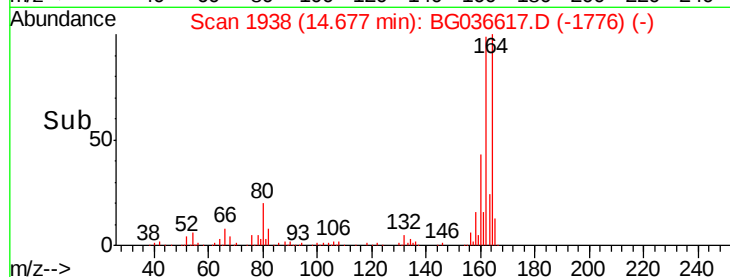
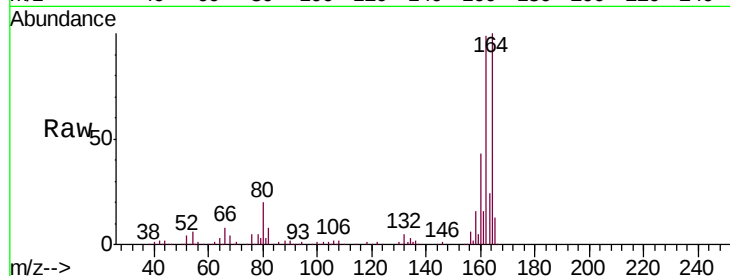
Tgt Ion:165 Resp: 20706

Ion Ratio Lower Upper

165 100

63 0.0 50.1 75.1#

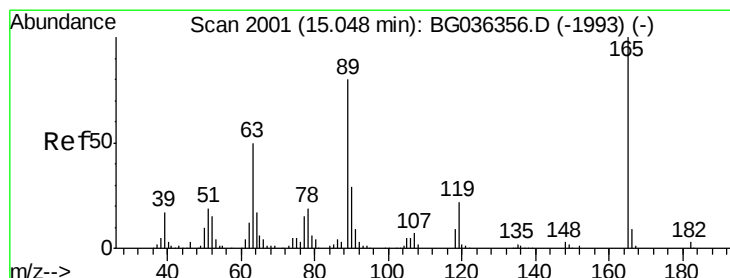
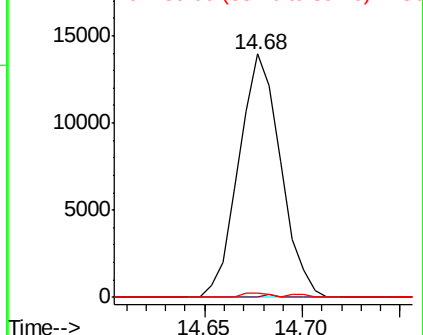
89 1.6 47.8 71.6#



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: 5.846 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.36 min

Lab File: BG036617.D

Acq: 8 Sep 2018 4:44

Tgt Ion:165 Resp: 20706

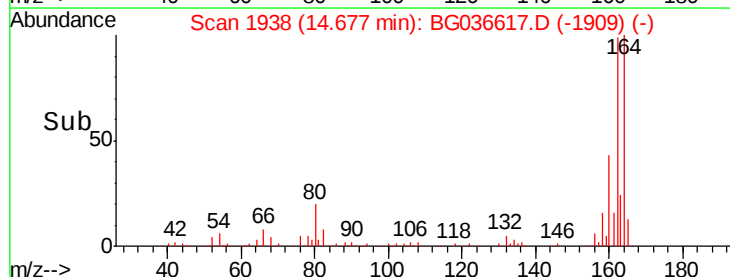
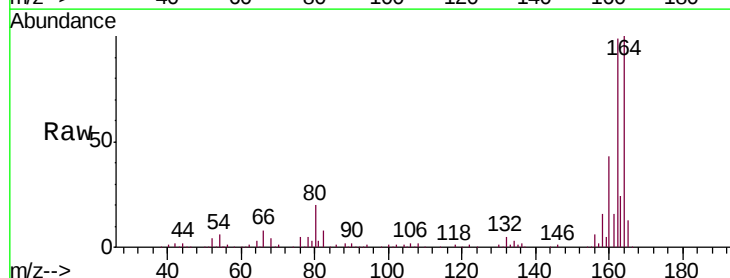
Ion Ratio Lower Upper

165 100

63 0.0 40.1 60.1#

89 1.6 63.7 95.5#

182 0.0 2.5 3.7#

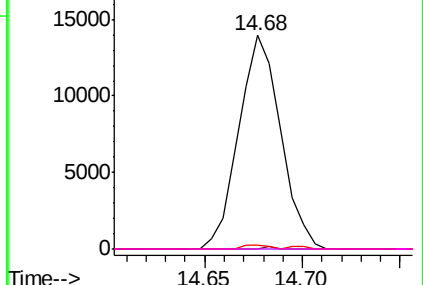


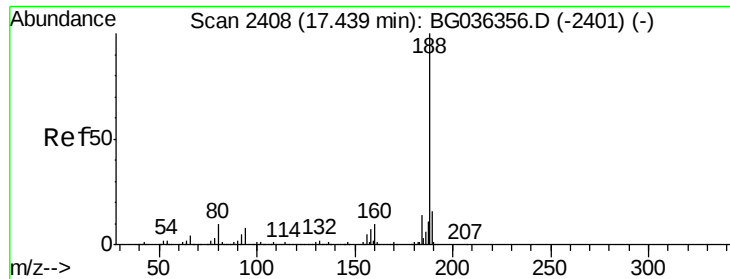
Abundance Ion 165.00 (164.70 to 165.70): E

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

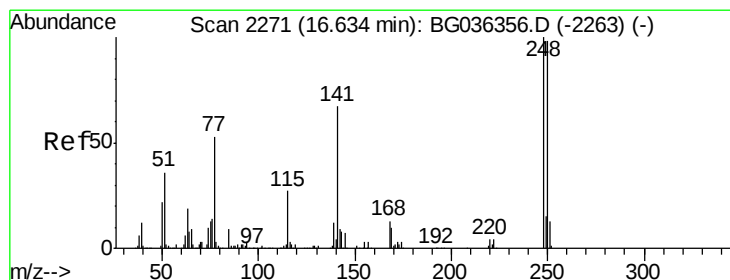
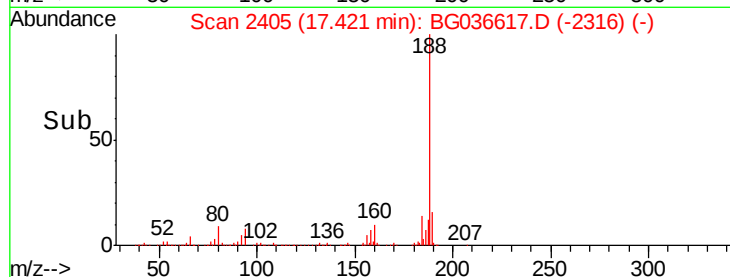
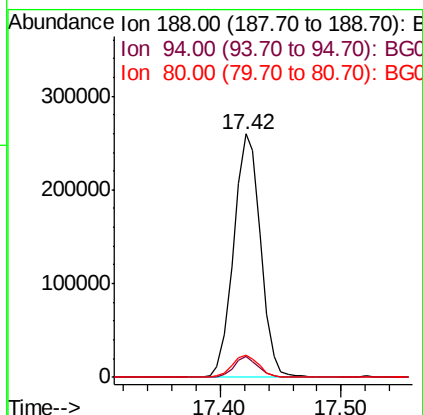
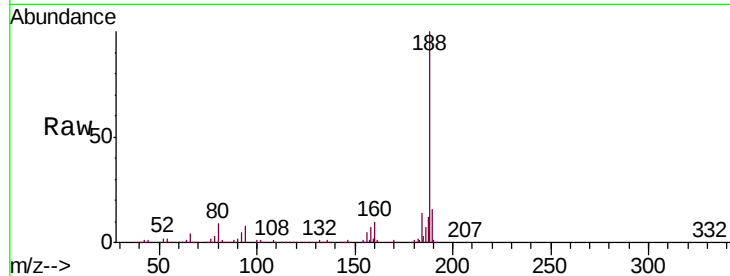




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036617.D
 Acq: 8 Sep 2018 4:44

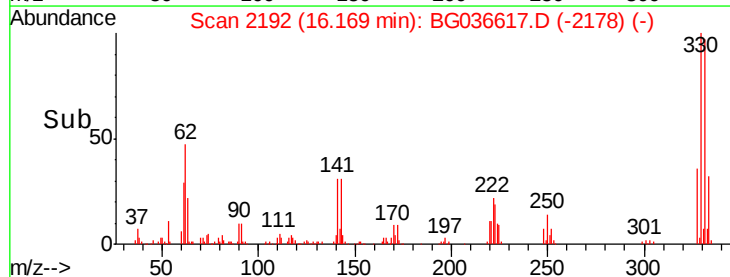
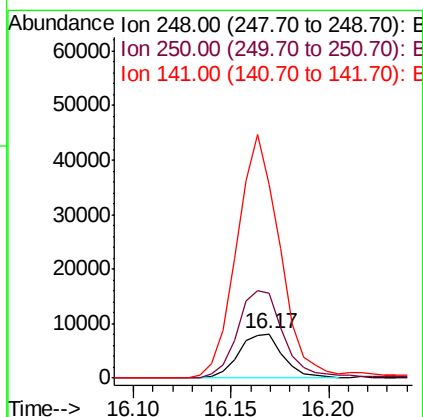
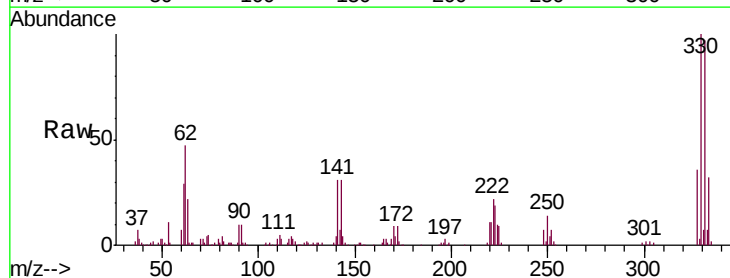
Instrument :
 BNA_F
 ClientSampleId :
 MS-SLUDGE-V24129

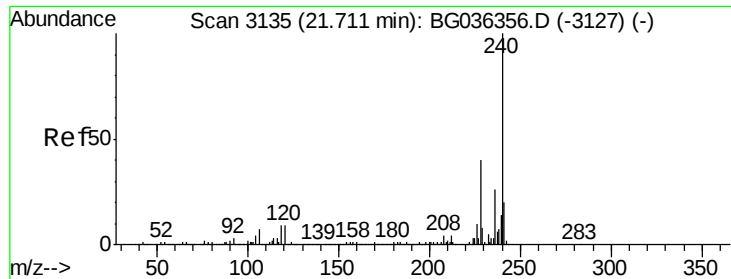
Tgt Ion:188 Resp: 403311
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.7 10.1
 80 8.9 8.1 12.1



#66
 4-Bromophenyl-phenylether
 Concen: 2.723 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.45 min
 Lab File: BG036617.D
 Acq: 8 Sep 2018 4:44

Tgt Ion:248 Resp: 12859
 Ion Ratio Lower Upper
 248 100
 250 191.6 78.1 117.1#
 141 438.3 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036617.D

Acq: 8 Sep 2018 4:44

Instrument :

BNA_F

ClientSampleId :

MS-SLUDGE-V24129

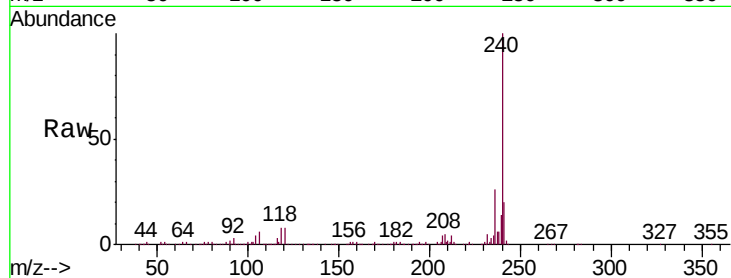
Tgt Ion:240 Resp: 418940

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

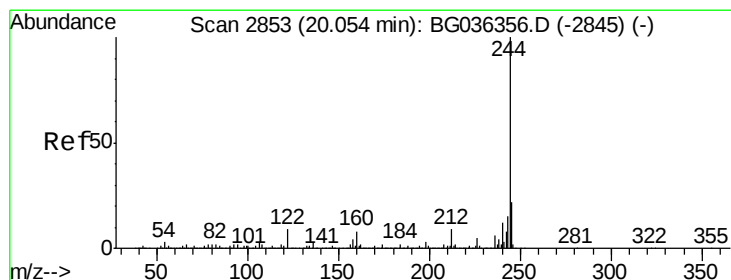
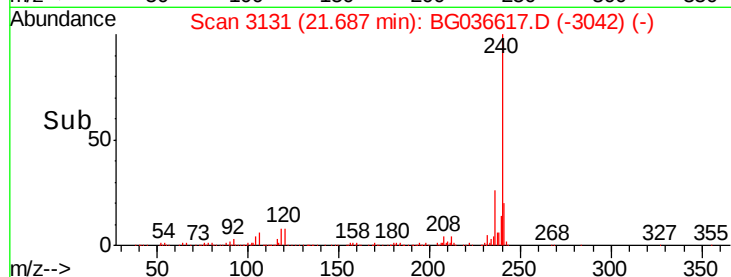
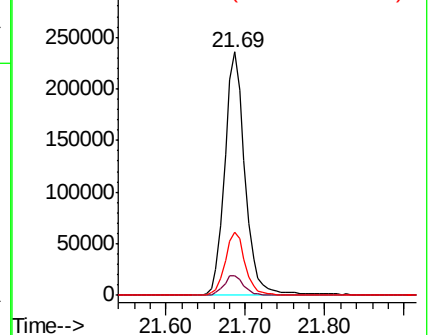
236 26.2 21.2 31.8



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: 80.554 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036617.D

Acq: 8 Sep 2018 4:44

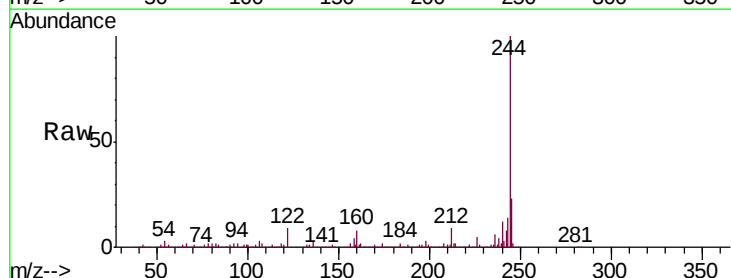
Tgt Ion:244 Resp: 1443836

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

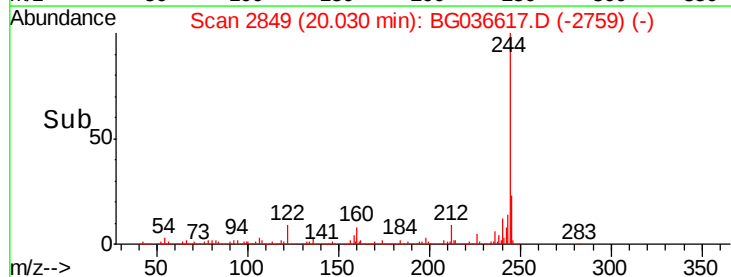
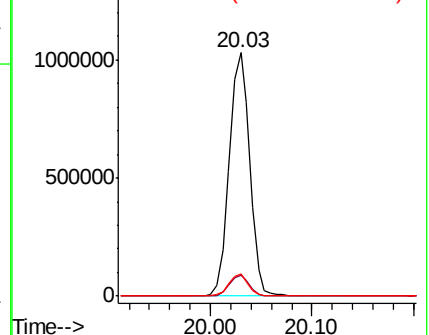
122 9.0 7.1 10.7

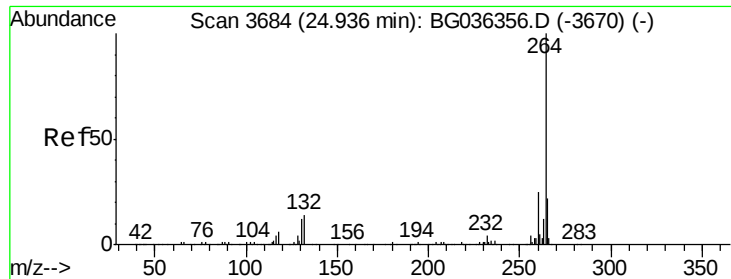


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036617.D
Acq: 8 Sep 2018 4:44

Instrument :
BNA_F
ClientSampleId :
MS-SLUDGE-V24129

Tgt Ion: 264 Resp: 384831
Ion Ratio Lower Upper
264 100
260 25.0 19.6 29.4
265 21.8 17.4 26.0

