

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
 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_G
 ClientSampleId :
 MS-SLUDGE-V24129

Quant Time: Sep 08 05:23:59 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

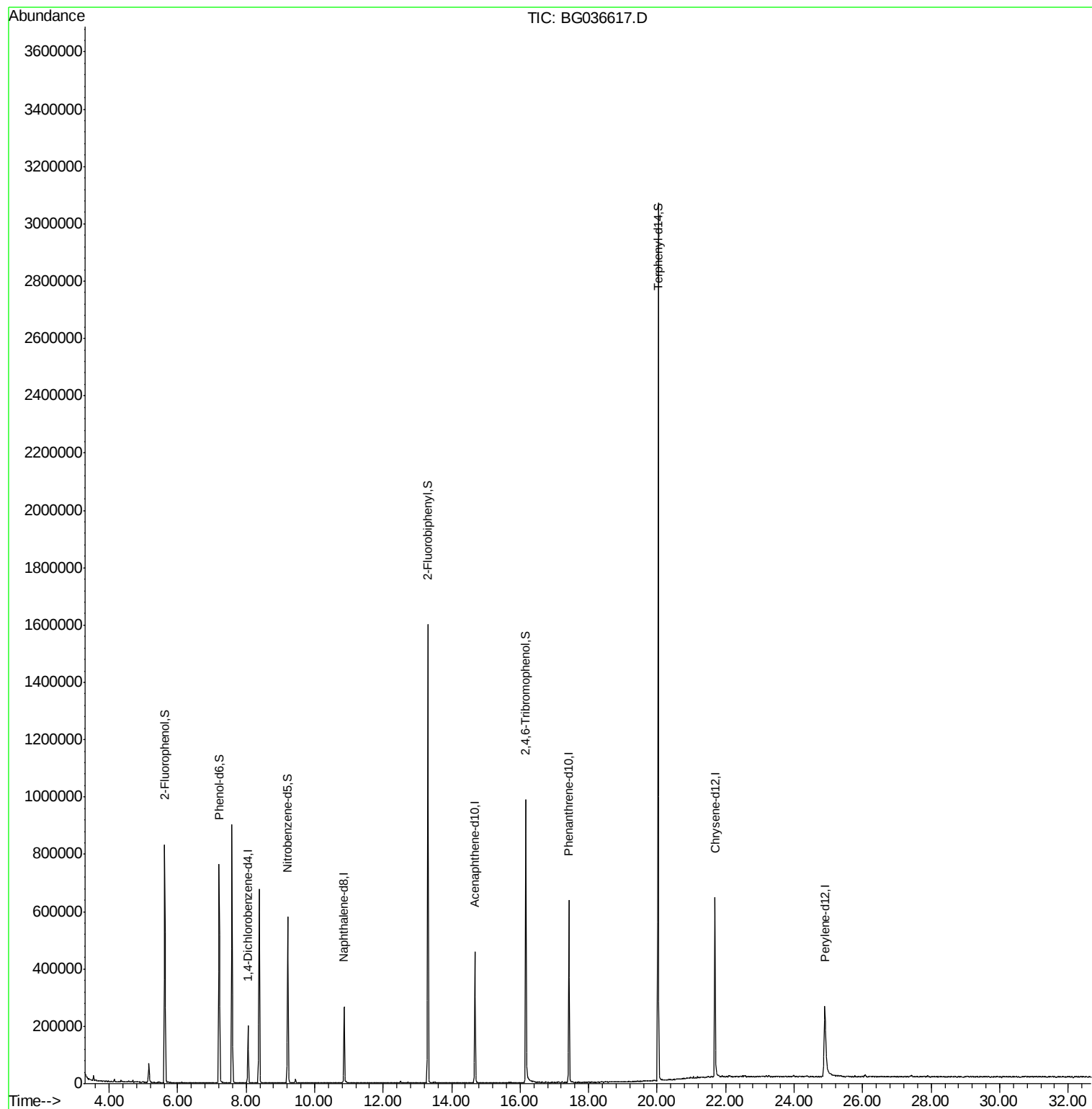
Target Compounds Qvalue

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

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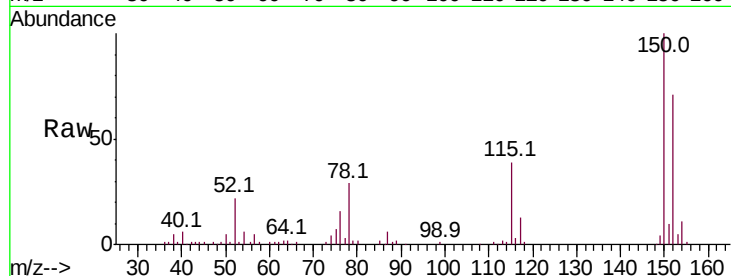


#1

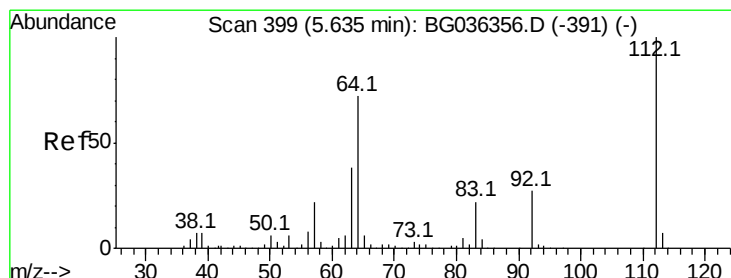
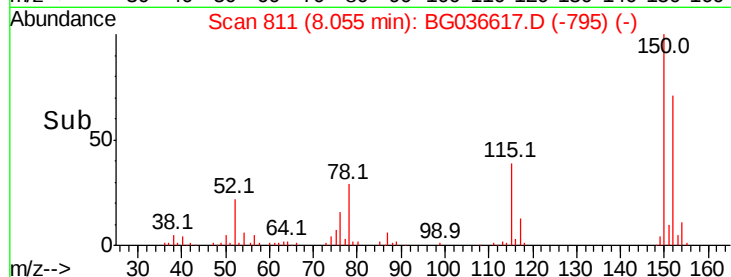
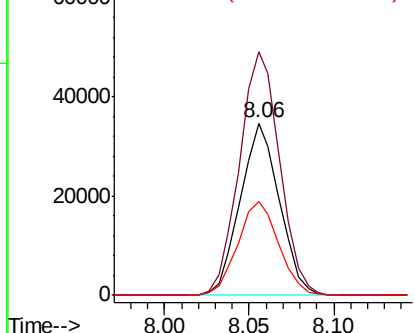
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036617.D
Acq: 8 Sep 2018 4:44

Instrument :
BNA_G
ClientSampleId :
MS-SLUDGE-V24129

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



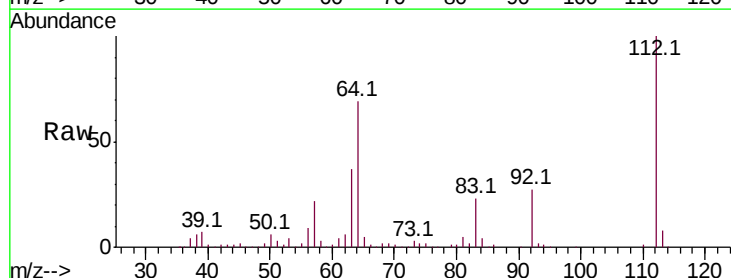
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



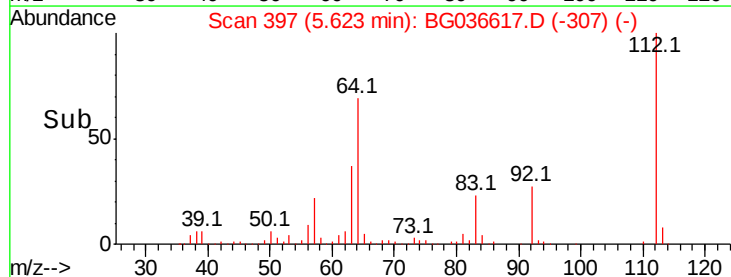
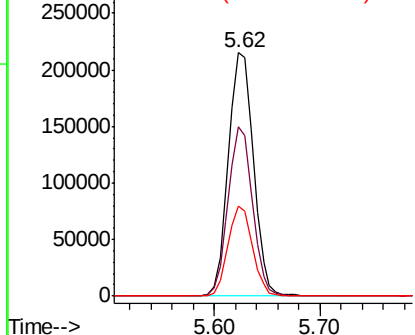
#5

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_G

ClientSampleId :

MS-SLUDGE-V24129

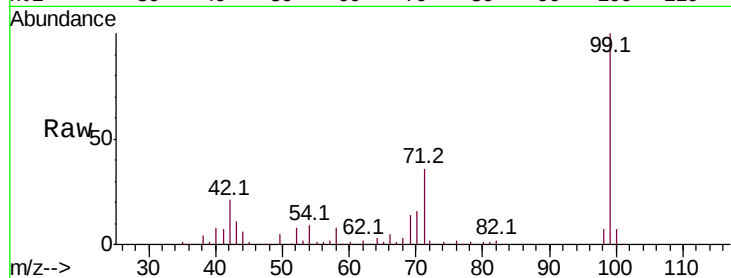
Tot Ion: 99 Resp: 441955

Ion Ratio Lower Upper

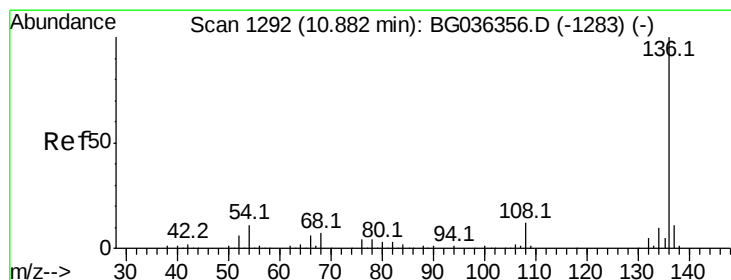
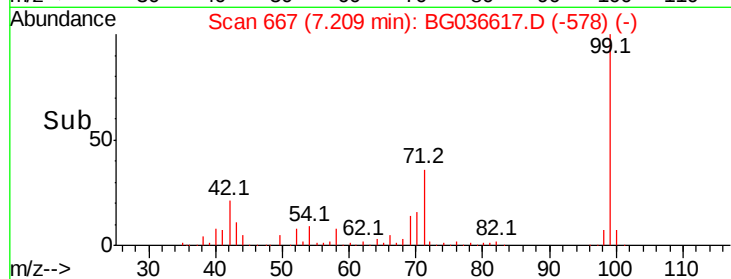
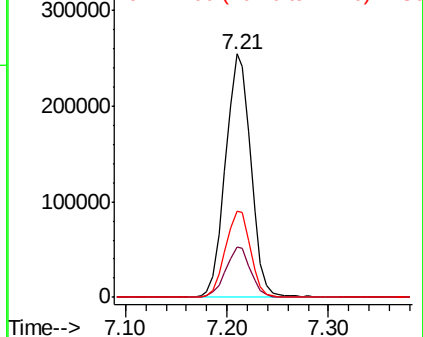
99 100

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



#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

Tgt Ion: 136 Resp: 230852

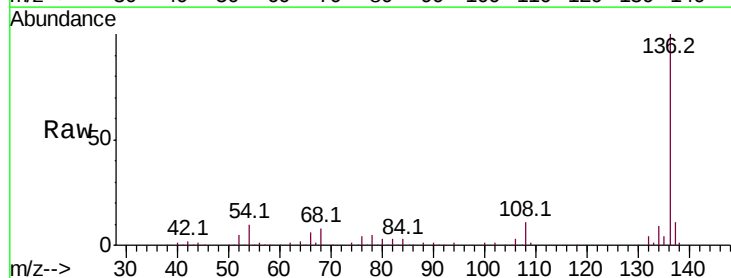
Ion Ratio Lower Upper

136 100

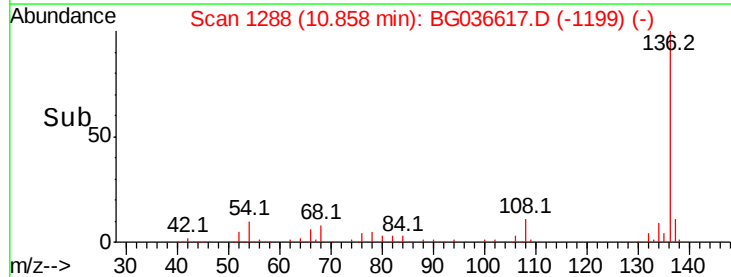
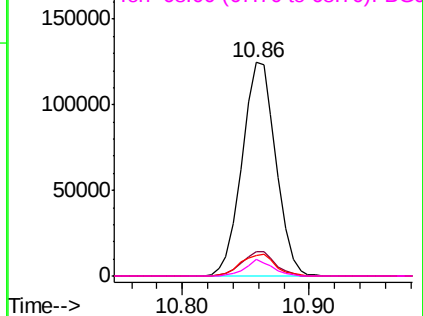
137 11.3 8.8 13.2

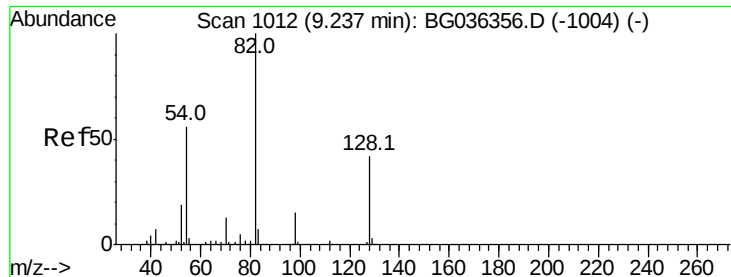
54 9.9 9.2 13.8

68 7.6 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): 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

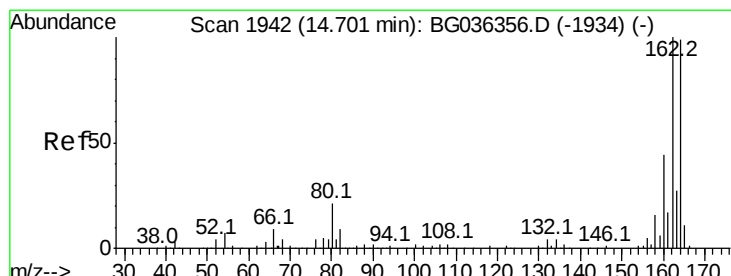
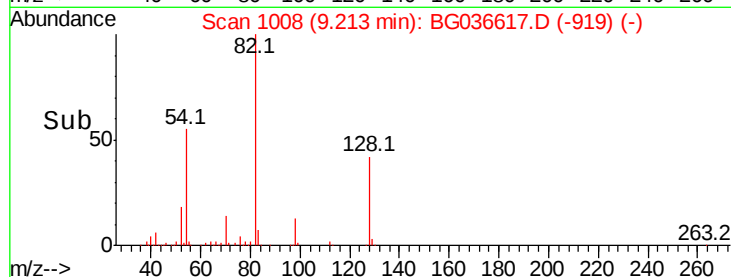
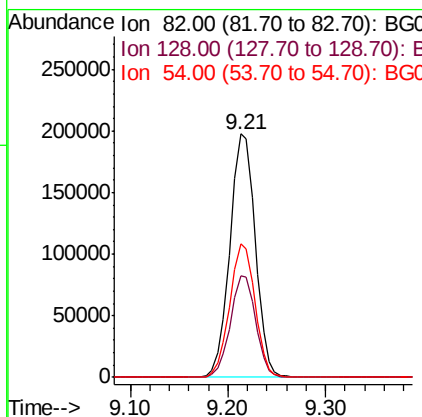
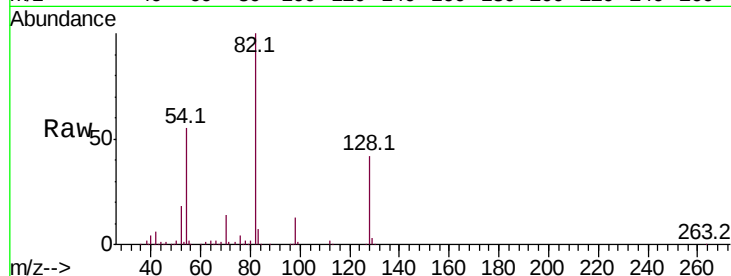




#23
Nitrobenzene-d5
Concen: 83.859 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036617.D
Acq: 8 Sep 2018 4:44

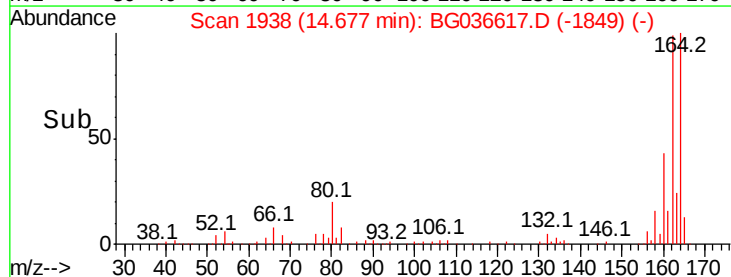
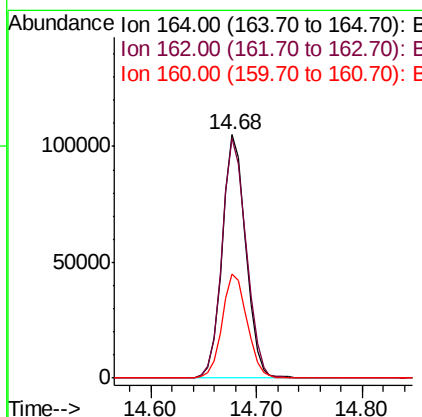
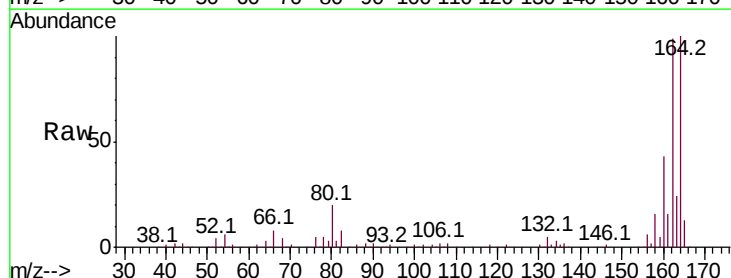
Instrument :
BNA_G
ClientSampleId :
MS-SLUDGE-V24129

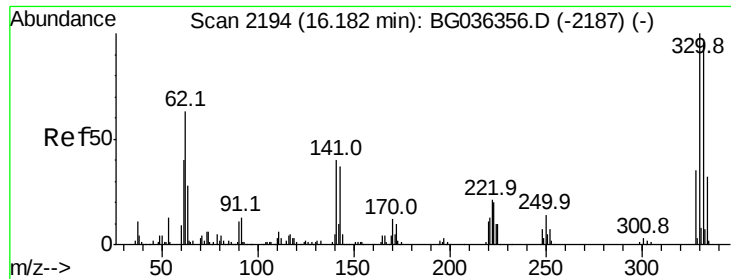
Tot Ion: 82 Resp: 356803
Ion Ratio Lower Upper
82 100
128 41.6 33.3 49.9
54 54.9 45.1 67.7



#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

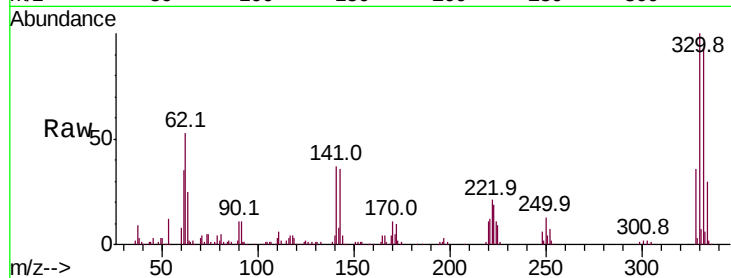




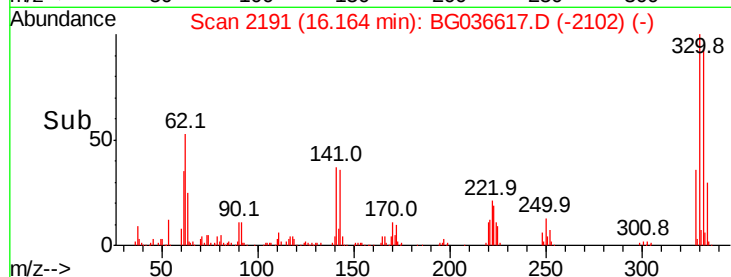
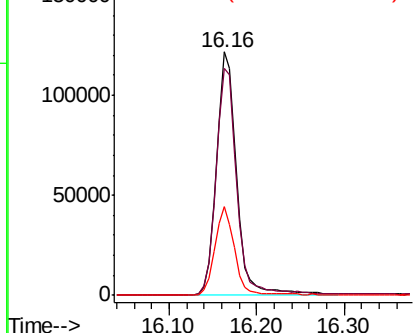
#41
 2,4,6-Tribromophenol
 Concen: 102.188 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036617.D
 Acq: 8 Sep 2018 4:44

Instrument :
 BNA_G
 ClientSampleId :
 MS-SLUDGE-V24129

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

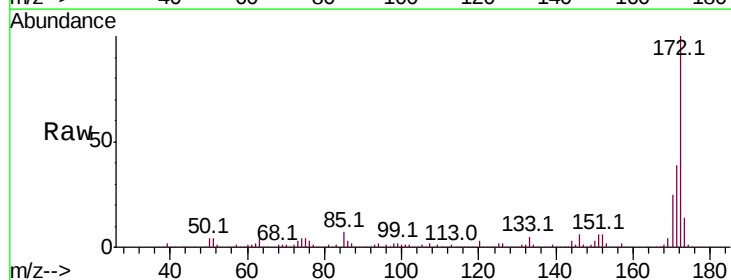


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

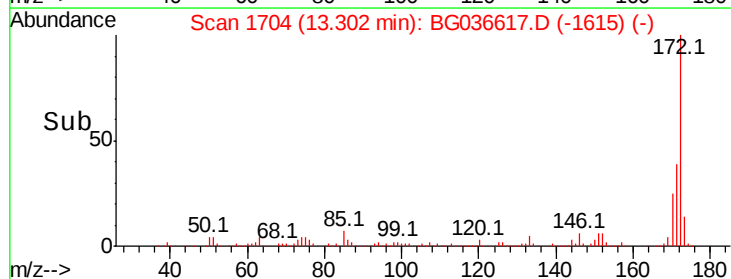
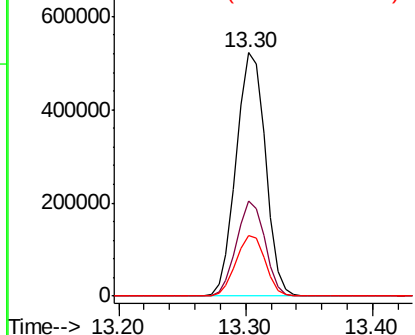


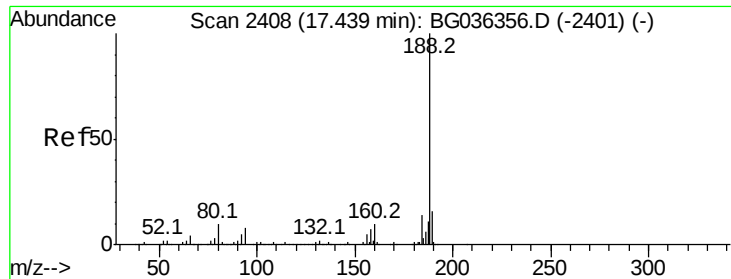
#44
 2-Fluorobiphenyl
 Concen: 74.030 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036617.D
 Acq: 8 Sep 2018 4:44

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



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

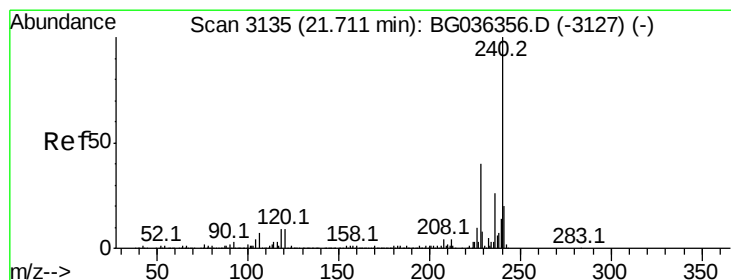
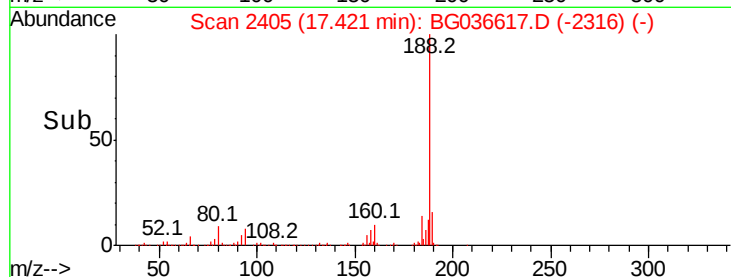
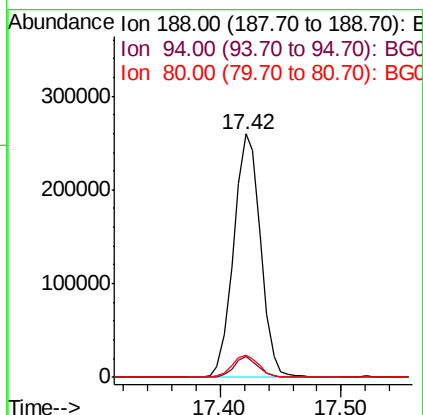
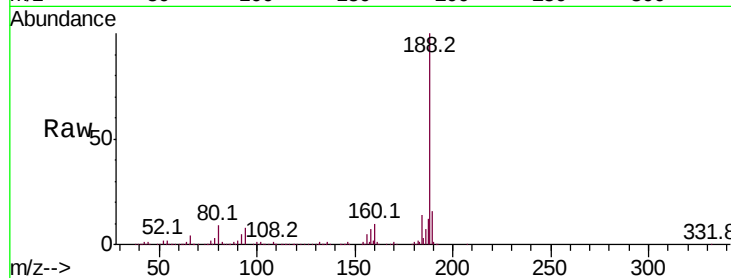




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036617.D
Acq: 8 Sep 2018 4:44

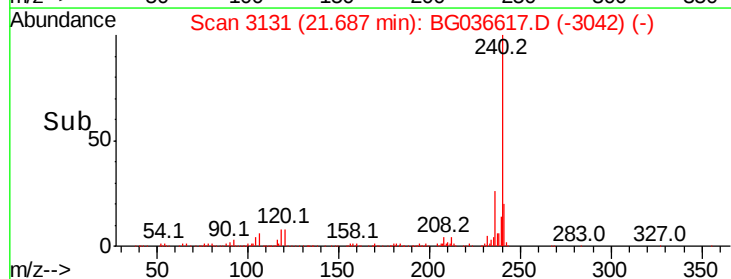
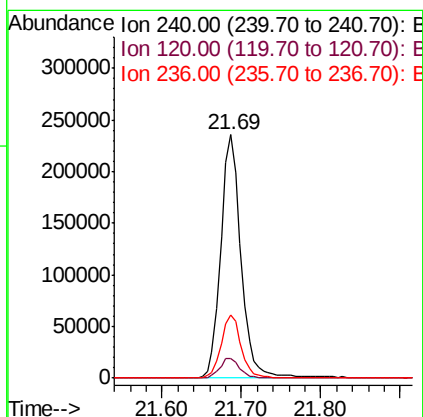
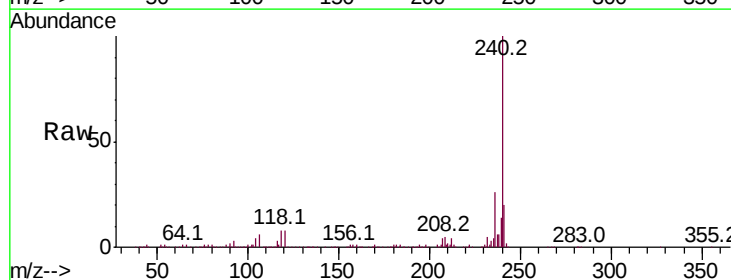
Instrument :
BNA_G
ClientSampleId :
MS-SLUDGE-V24129

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



#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

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





#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

Instrument :

BNA_G

ClientSampleId :

MS-SLUDGE-V24129

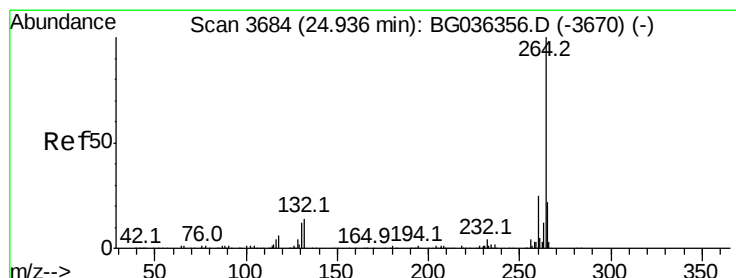
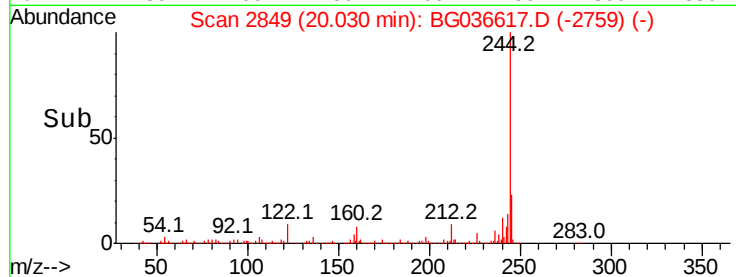
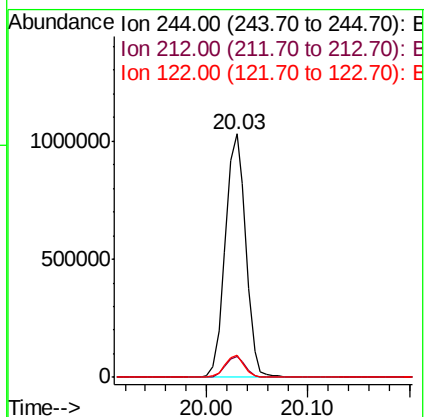
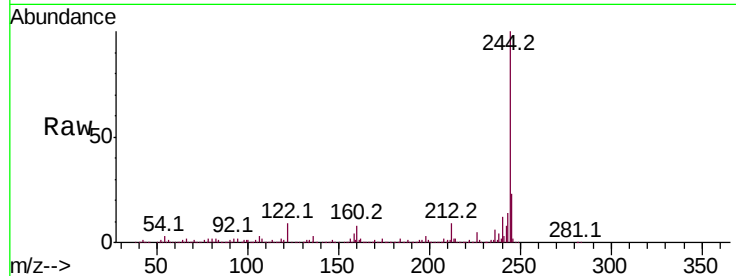
Tot Ion:244 Resp: 1443836

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.0	7.1	10.7

244 100

212 8.8 7.0 10.6

122 9.0 7.1 10.7



#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

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

264 100

260 25.0 19.6 29.4

265 21.8 17.4 26.0

