

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
 Data File : BG036521.D
 Acq On : 1 Sep 2018 1:38
 Operator : JU/SJ
 Sample : J4726-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KG-SLUDGE-2

Quant Time: Sep 01 02:40:14 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	58281	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	233365	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	152397	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	420271	20.00	ng	0.00
75) Chrysene-d12	21.69	240	450334	20.00	ng	0.00
86) Perylene-d12	24.90	264	414761	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	371854	101.21	ng	0.00
7) Phenol-d6	7.21	99	469537	89.26	ng	0.00
23) Nitrobenzene-d5	9.22	82	357107	83.03	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	252881	139.07	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	839324	78.64	ng	0.00
78) Terphenyl-d14	20.03	244	1563097	81.13	ng	0.00

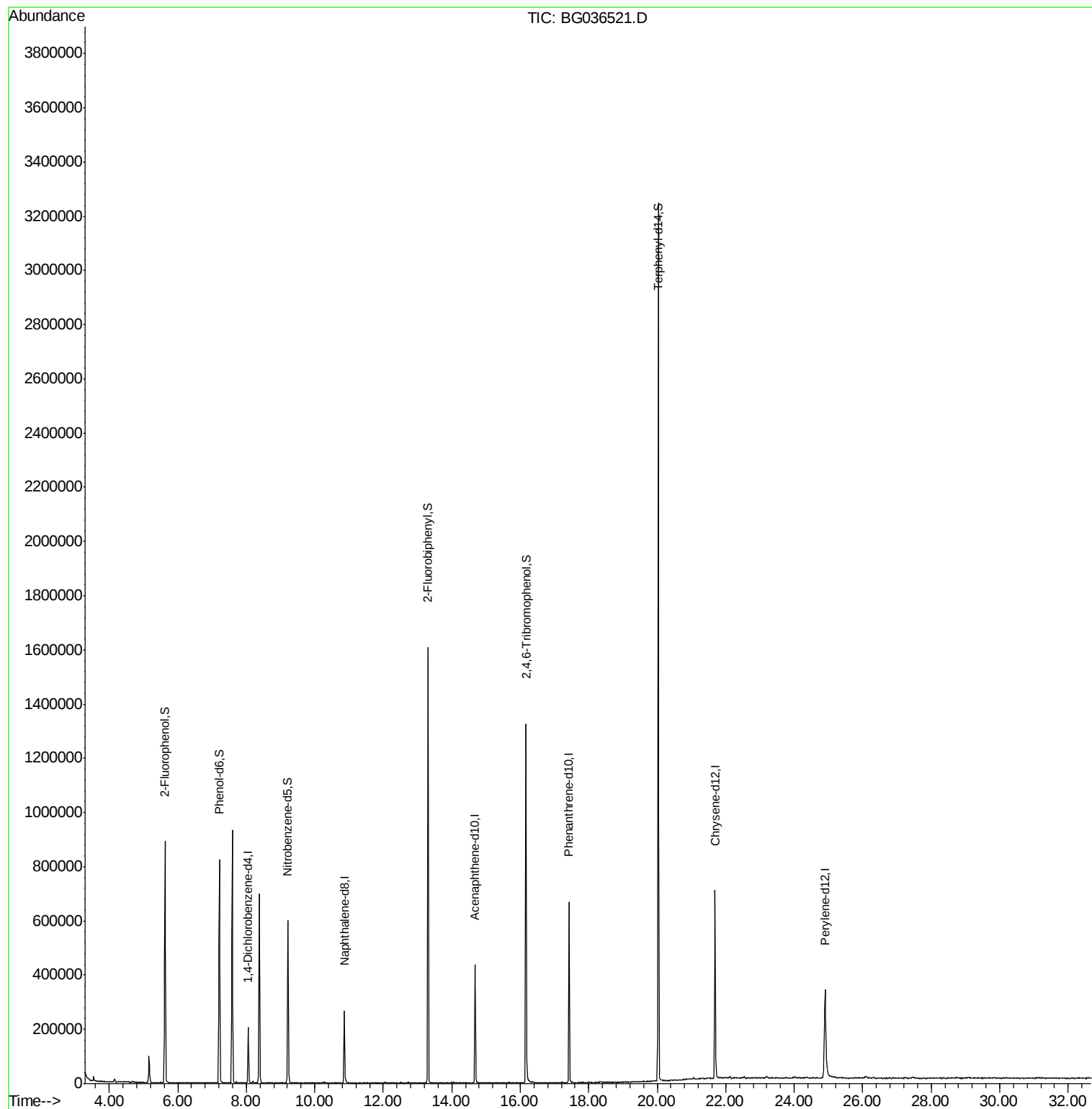
Target Compounds Qvalue

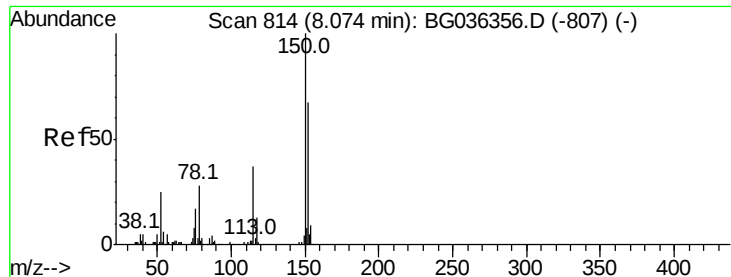
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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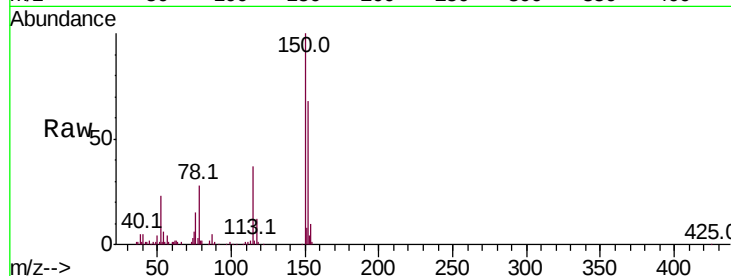


#1

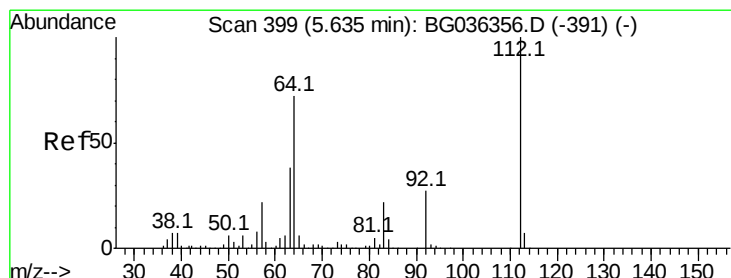
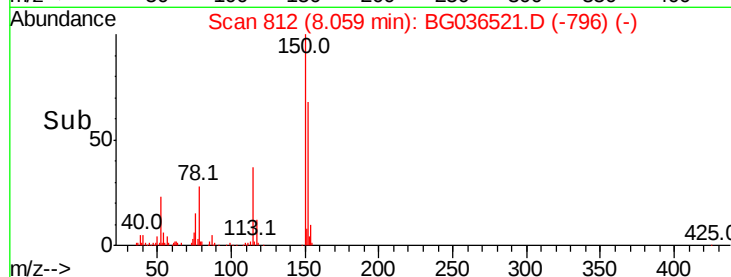
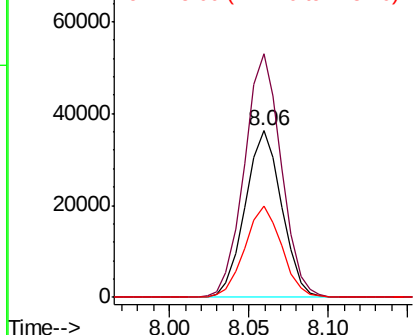
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036521.D
Acq: 1 Sep 2018 1:38

Instrument :
BNA_G
ClientSampleId :
KG-SLUDGE-2

Tot Ion:152 Resp: 58281
Ion Ratio Lower Upper
152 100
150 146.2 119.5 179.3
115 54.5 44.5 66.7



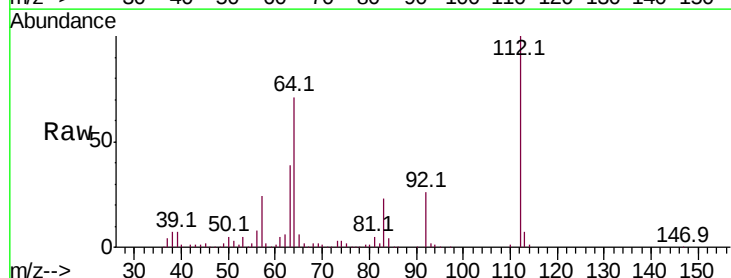
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



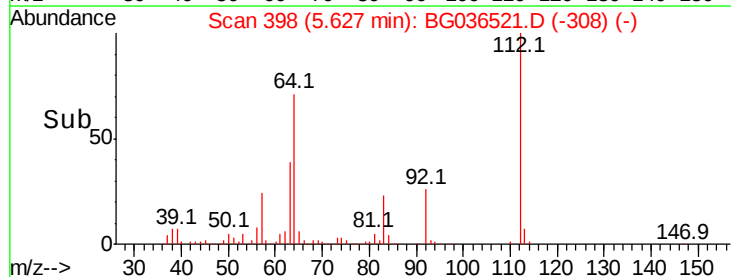
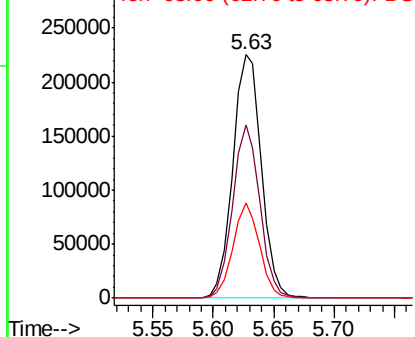
#5

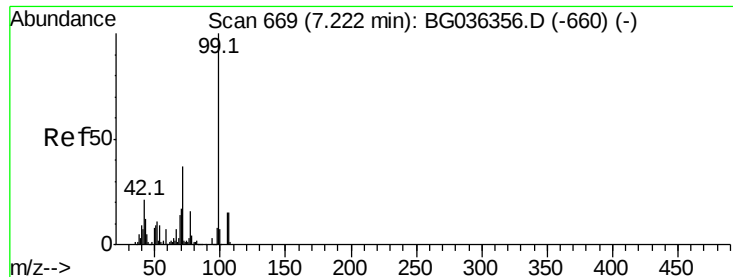
2-Fluorophenol
Concen: 101.211 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036521.D
Acq: 1 Sep 2018 1:38

Tgt Ion:112 Resp: 371854
Ion Ratio Lower Upper
112 100
64 71.0 57.2 85.8
63 39.0 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: 89.260 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036521.D

Acq: 1 Sep 2018 1:38

Instrument :

BNA_G

ClientSampleId :

KG-SLUDGE-2

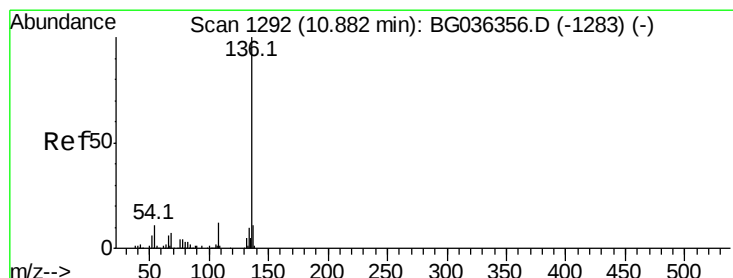
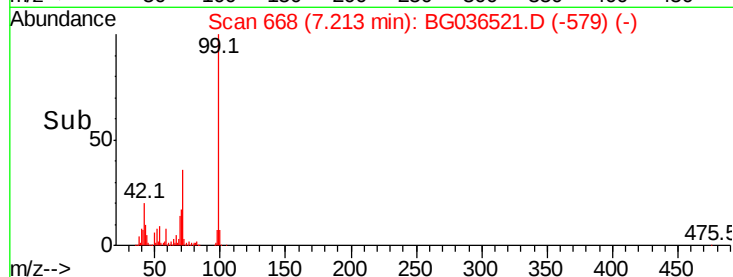
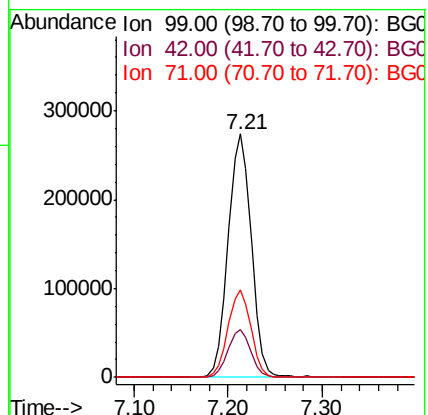
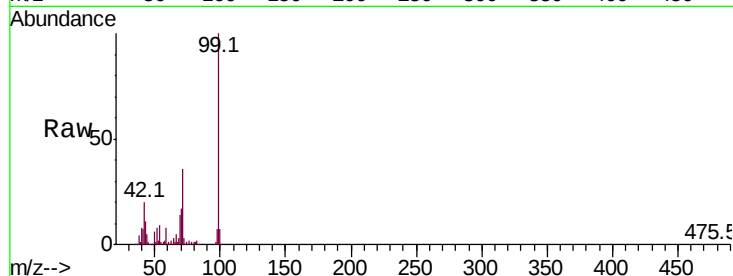
Tot Ion: 99 Resp: 469537

Ion Ratio Lower Upper

99 100

42 19.5 16.5 24.7

71 36.0 29.4 44.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG036521.D

Acq: 1 Sep 2018 1:38

Tgt Ion: 136 Resp: 233365

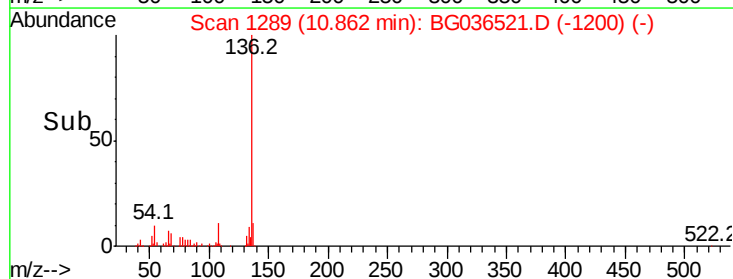
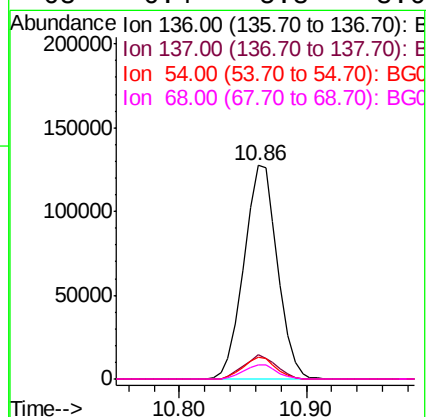
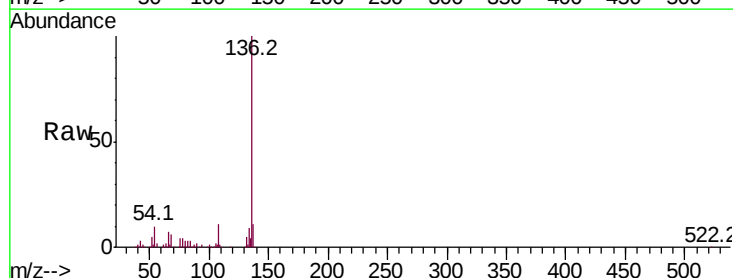
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 10.2 9.2 13.8

68 6.4 5.8 8.6

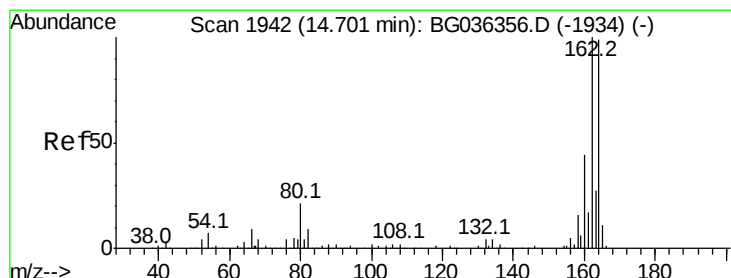
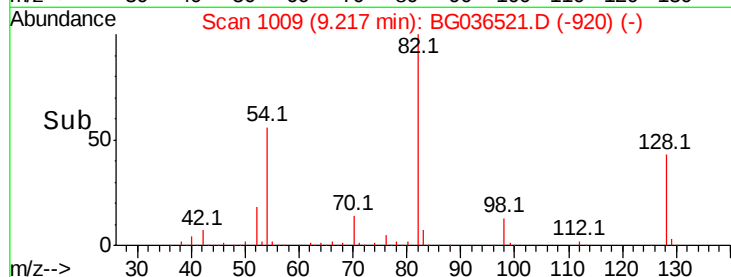
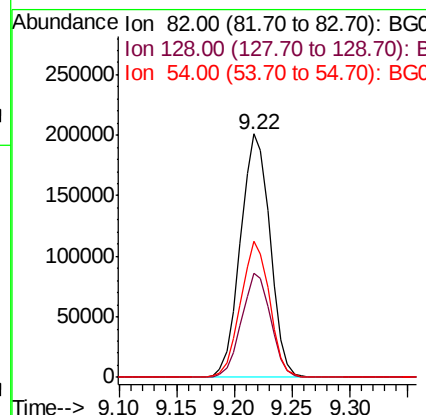
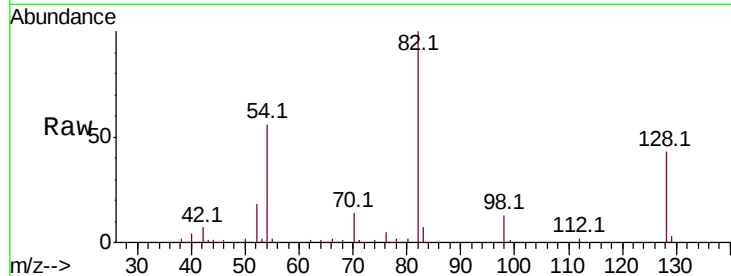




#23
 Nitrobenzene-d5
 Concen: 83.026 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG036521.D
 Acq: 1 Sep 2018 1:38

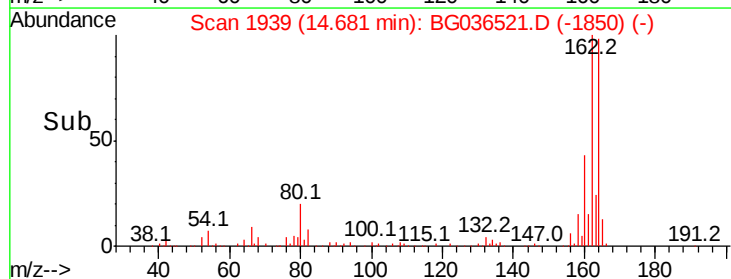
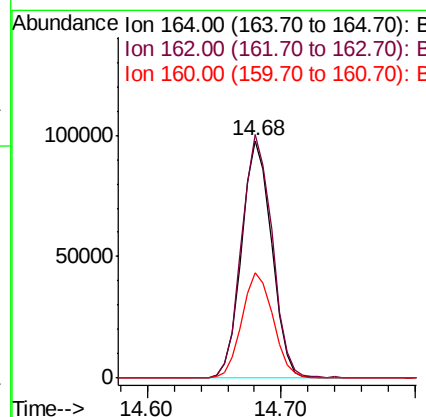
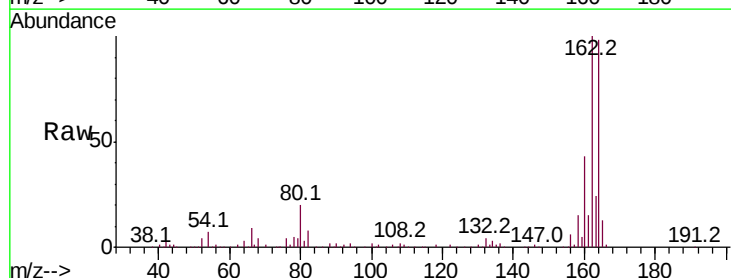
Instrument :
 BNA_G
 ClientSampleId :
 KG-SLUDGE-2

Tot Ion: 82 Resp: 357107
 Ion Ratio Lower Upper
 82 100
 128 43.0 33.3 49.9
 54 55.8 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG036521.D
 Acq: 1 Sep 2018 1:38

Tgt Ion:164 Resp: 152397
 Ion Ratio Lower Upper
 164 100
 162 102.4 80.7 121.1
 160 44.1 35.3 52.9





#41

2,4,6-Tribromophenol

Concen: 139.065 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG036521.D

Acq: 1 Sep 2018 1:38

Instrument :

BNA_G

ClientSampleId :

KG-SLUDGE-2

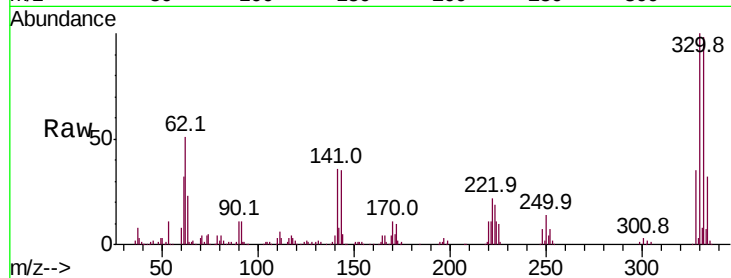
Tot Ion:330 Resp: 252881

Ion Ratio Lower Upper

330 100

332 96.1 75.4 113.2

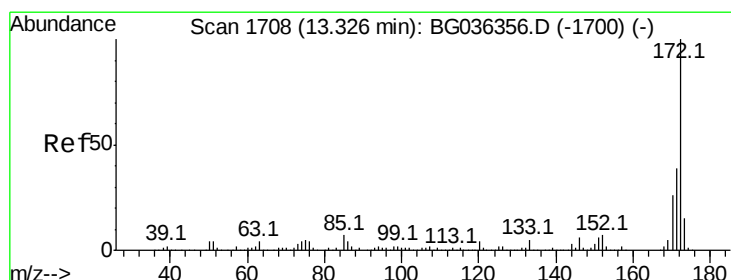
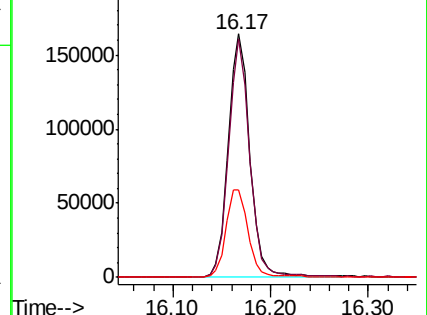
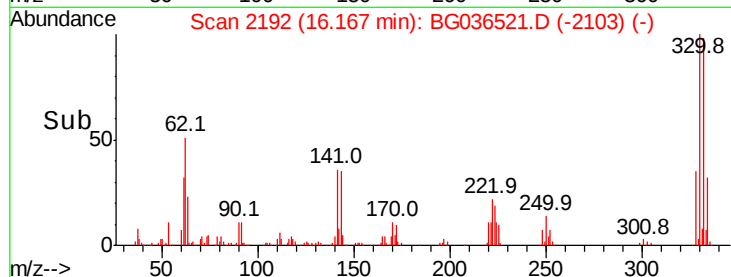
141 36.8 30.7 46.1



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: 78.637 ng

RT: 13.31 min Scan# 1705

Delta R.T. -0.00 min

Lab File: BG036521.D

Acq: 1 Sep 2018 1:38

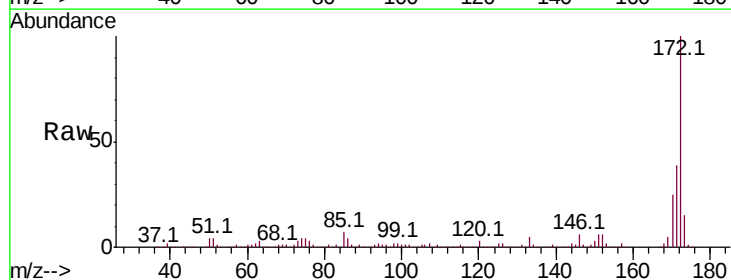
Tgt Ion:172 Resp: 839324

Ion Ratio Lower Upper

172 100

171 39.2 31.3 46.9

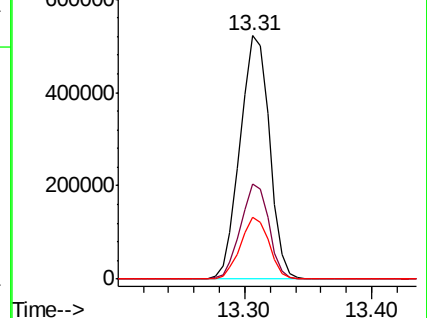
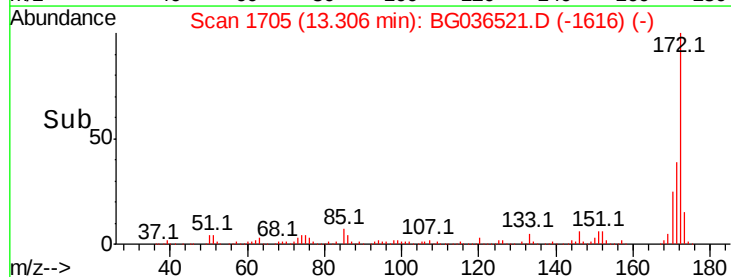
170 25.3 21.0 31.6

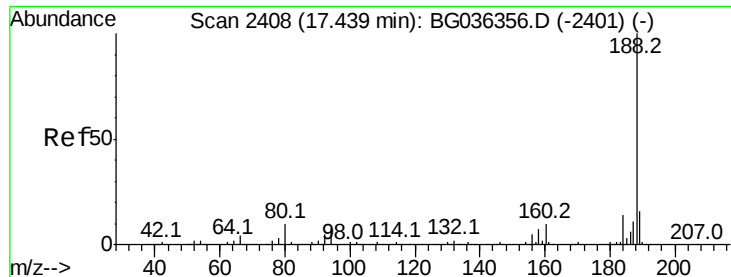


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

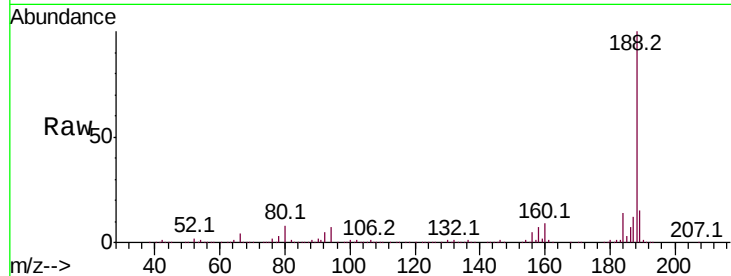




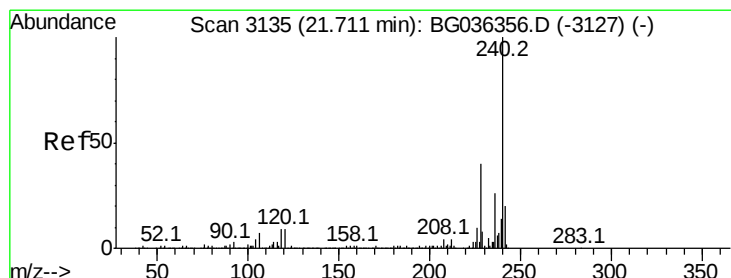
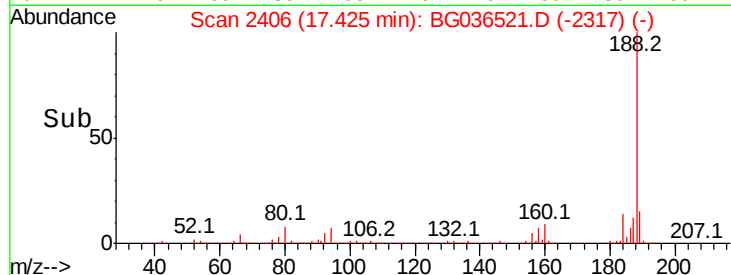
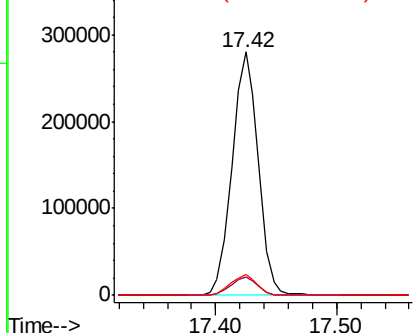
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG036521.D
Acq: 1 Sep 2018 1:38

Instrument :
BNA_G
ClientSampleId :
KG-SLUDGE-2

Tot Ion:188 Resp: 420271
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 8.4 8.1 12.1

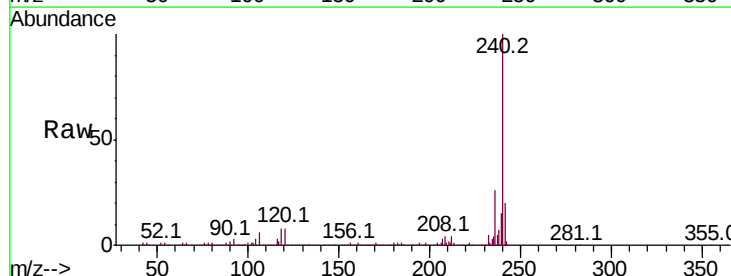


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

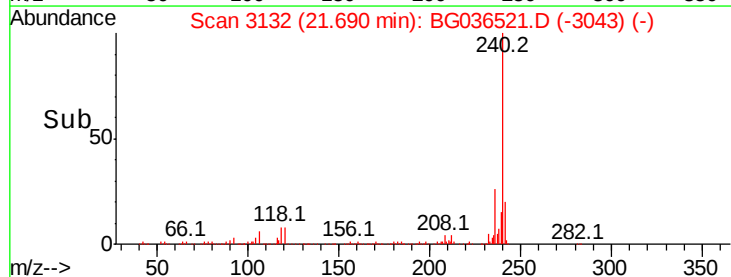
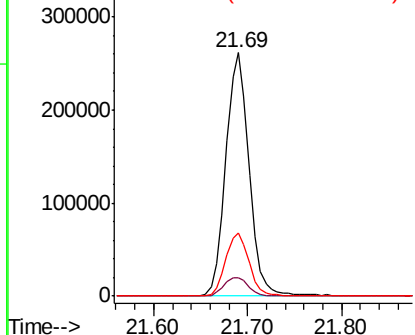


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BG036521.D
Acq: 1 Sep 2018 1:38

Tgt Ion:240 Resp: 450334
Ion Ratio Lower Upper
240 100
120 7.7 6.9 10.3
236 25.9 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



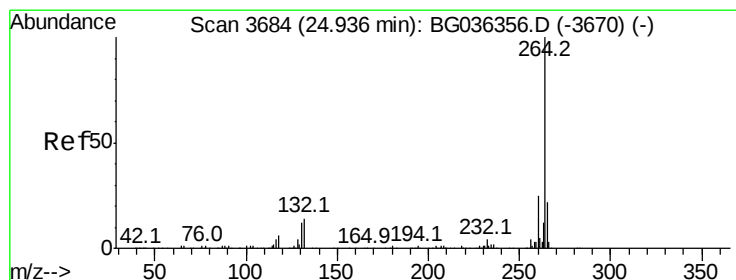
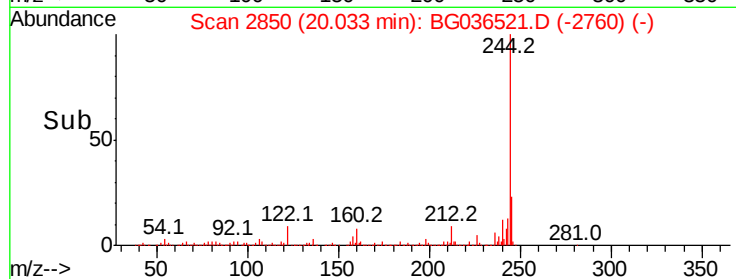
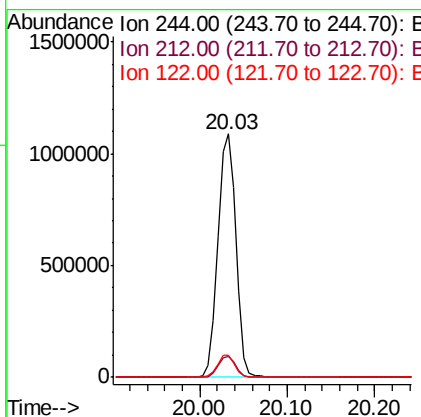
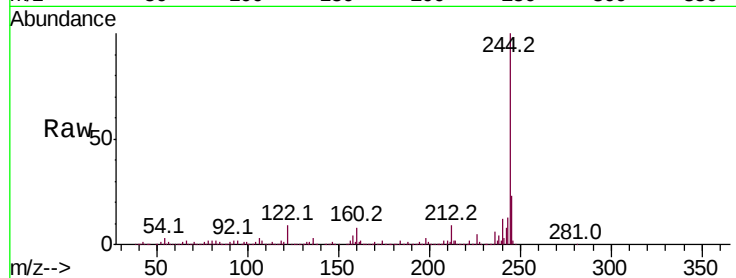


#78
 Terphenyl-d14
 Concen: 81.129 ng
 RT: 20.03 min Scan# 2850
 Delta R.T. 0.00 min
 Lab File: BG036521.D
 Acq: 1 Sep 2018 1:38

Instrument :
 BNA_G
 ClientSampled :
 KG-SLUDGE-2

Tot Ion:244 Resp: 1563097

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.4	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BG036521.D
 Acq: 1 Sep 2018 1:38

Tgt Ion:264 Resp: 414761

Ion	Ratio	Lower	Upper
264	100		
260	21.7	19.6	29.4
265	21.2	17.4	26.0

