

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
 Data File : BG036597.D
 Acq On : 7 Sep 2018 15:04
 Operator : JU/SJ
 Sample : J4809-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-SLUDGE-V24129

Quant Time: Sep 07 17:10:16 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

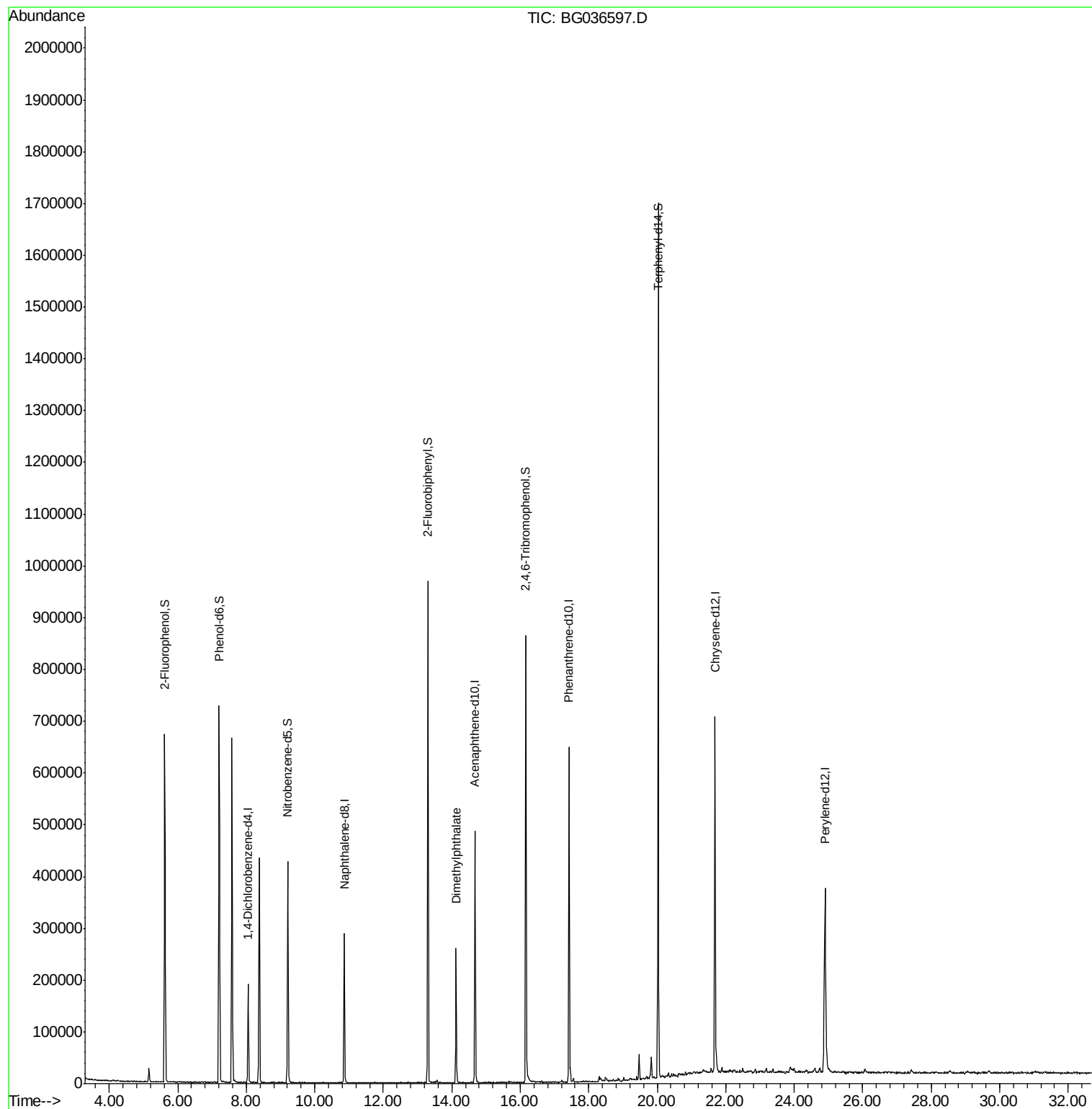
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54521	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	247395	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	167947	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	424131	20.00	ng	0.00
75) Chrysene-d12	21.68	240	435475	20.00	ng	-0.01
86) Perylene-d12	24.90	264	427392	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	286418	83.33	ng	0.00
7) Phenol-d6	7.21	99	423357	86.03	ng	-0.01
23) Nitrobenzene-d5	9.22	82	258570	56.71	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	166249	82.96	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	525694	44.69	ng	0.00
78) Terphenyl-d14	20.03	244	815193	43.75	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.13	163	175904	12.827	ng	Qvalue 98

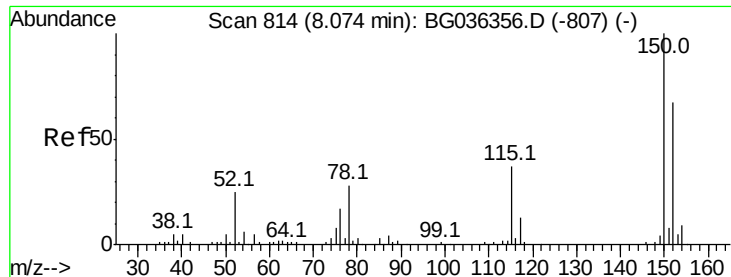
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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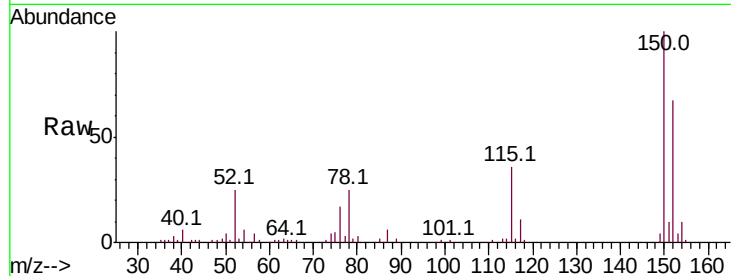


#1

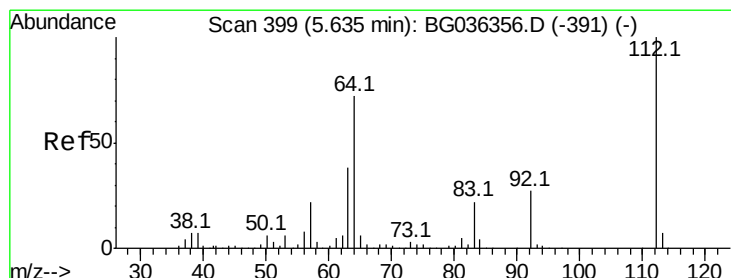
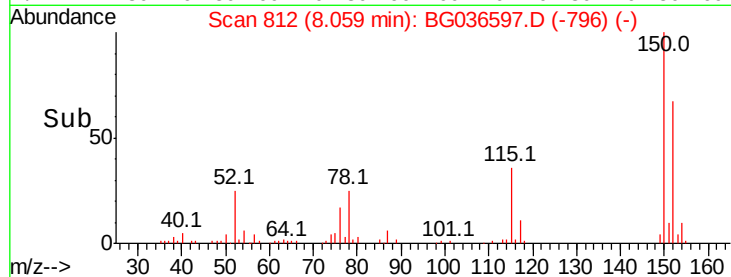
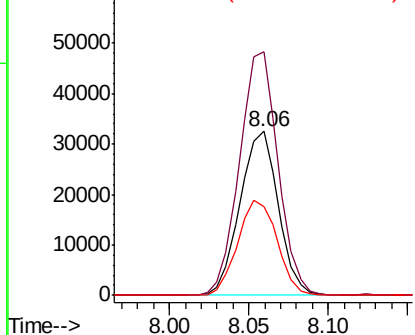
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036597.D
Acq: 7 Sep 2018 15:04

Instrument :
BNA_G
ClientSampleId :
MS-SLUDGE-V24129

Tot Ion:152 Resp: 54521
Ion Ratio Lower Upper
152 100
150 148.6 119.5 179.3
115 54.0 44.5 66.7



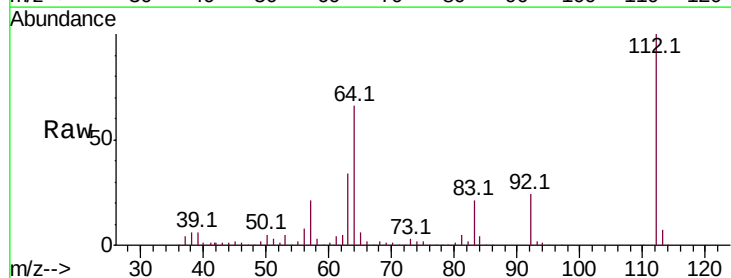
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



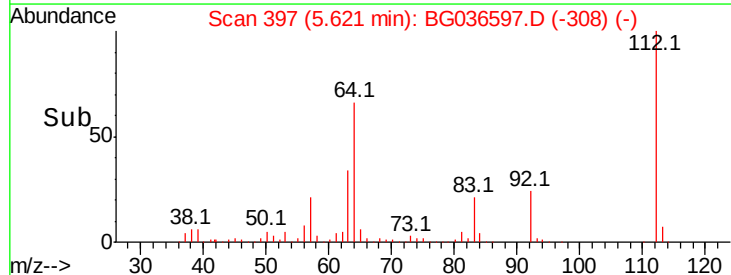
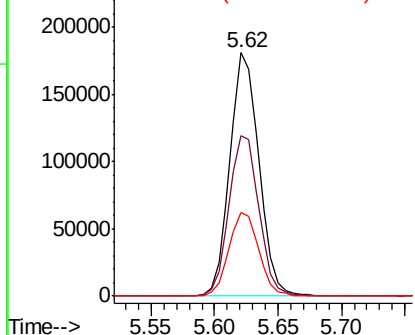
#5

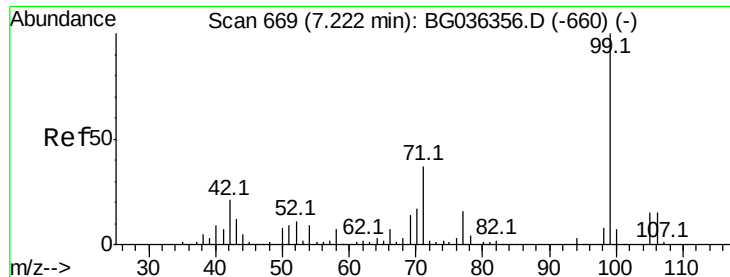
2-Fluorophenol
Concen: 83.334 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036597.D
Acq: 7 Sep 2018 15:04

Tgt Ion:112 Resp: 286418
Ion Ratio Lower Upper
112 100
64 65.8 57.2 85.8
63 34.3 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: 86.032 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036597.D

Acq: 7 Sep 2018 15:04

Instrument :

BNA_G

ClientSampleId :

MS-SLUDGE-V24129

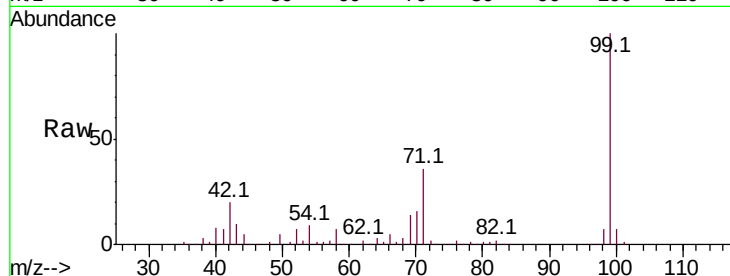
Tot Ion: 99 Resp: 423357

Ion Ratio Lower Upper

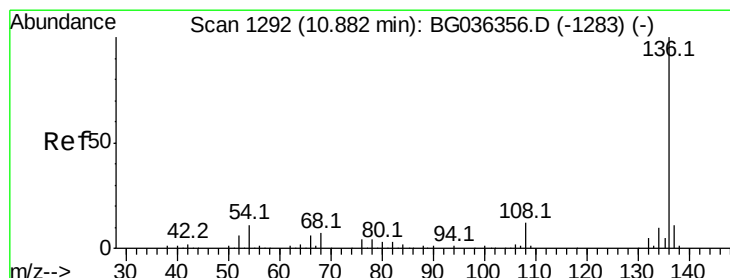
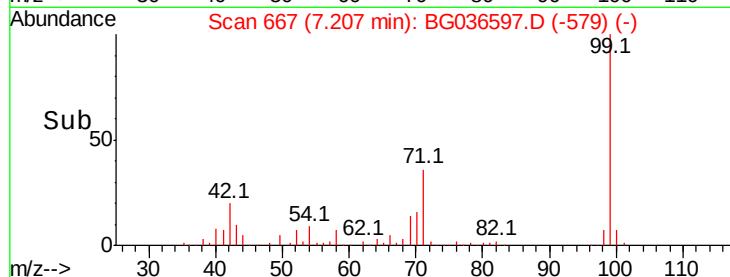
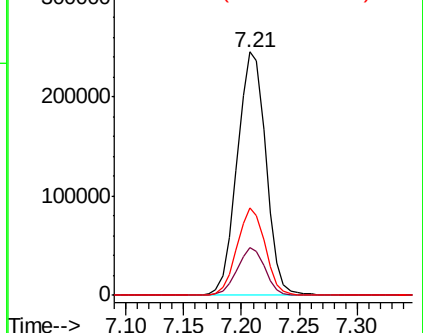
99 100

42 19.8 16.5 24.7

71 36.1 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# 1289

Delta R.T. -0.00 min

Lab File: BG036597.D

Acq: 7 Sep 2018 15:04

Tgt Ion: 136 Resp: 247395

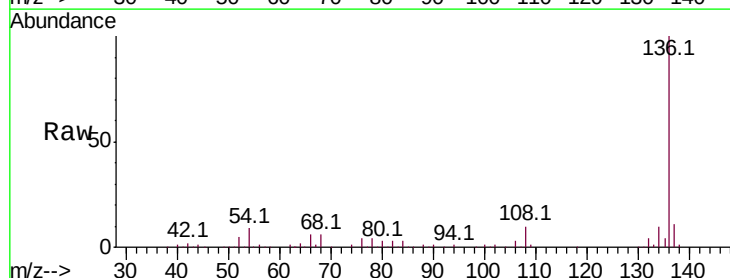
Ion Ratio Lower Upper

136 100

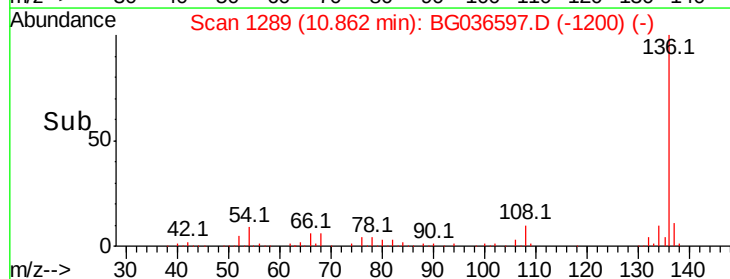
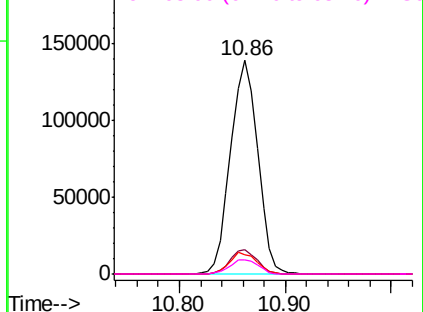
137 11.1 8.8 13.2

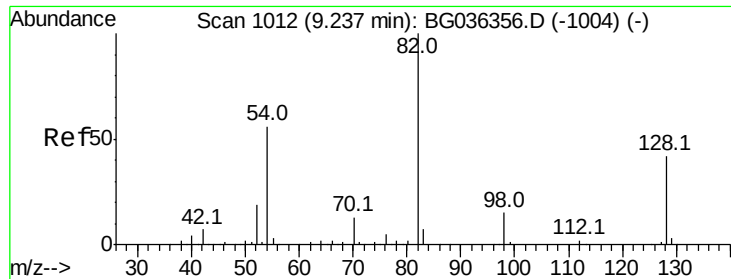
54 9.3 9.2 13.8

68 6.3 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

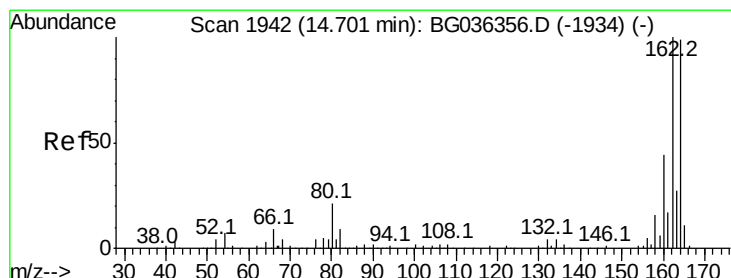
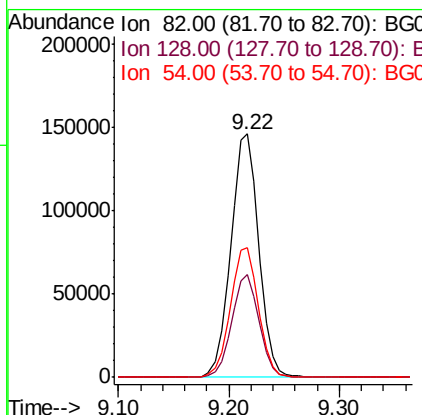
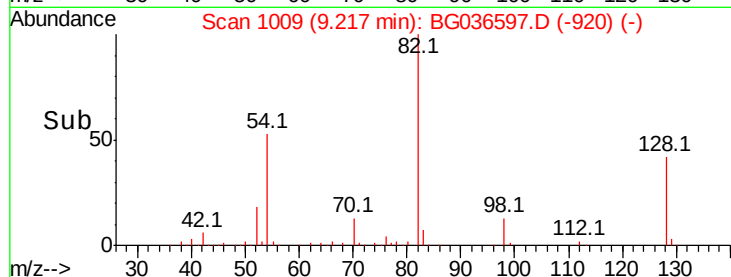
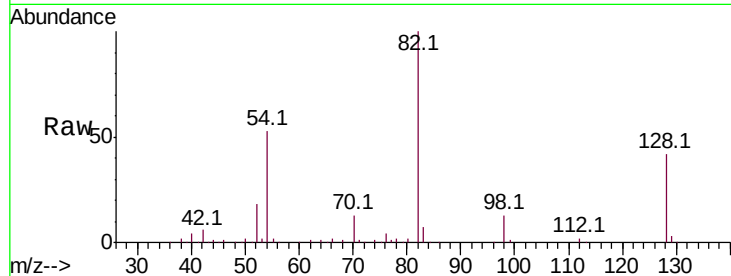




#23
Nitrobenzene-d5
Concen: 56.708 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036597.D
Acq: 7 Sep 2018 15:04

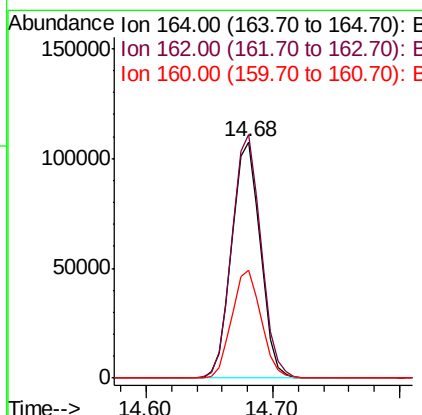
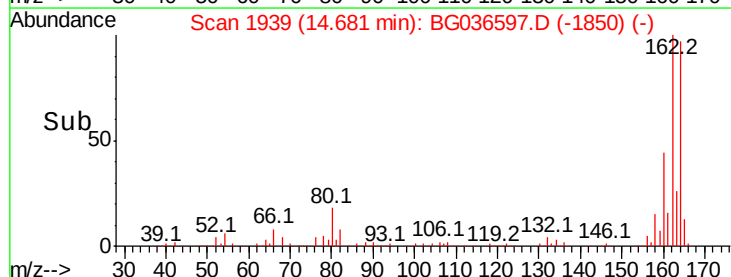
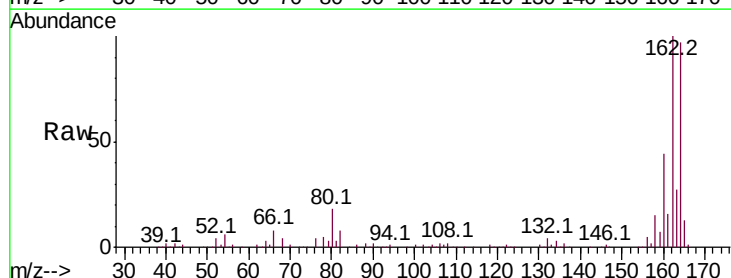
Instrument :
BNA_G
ClientSampleId :
MS-SLUDGE-V24129

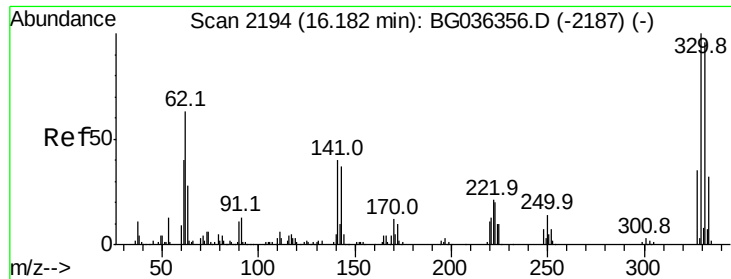
Tot Ion: 82 Resp: 258570
Ion Ratio Lower Upper
82 100
128 42.3 33.3 49.9
54 53.4 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036597.D
Acq: 7 Sep 2018 15:04

Tgt Ion:164 Resp: 167947
Ion Ratio Lower Upper
164 100
162 103.2 80.7 121.1
160 45.9 35.3 52.9

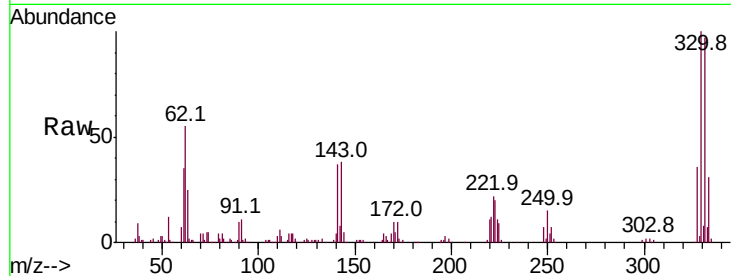




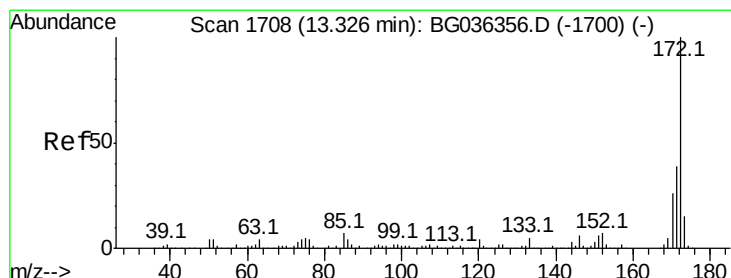
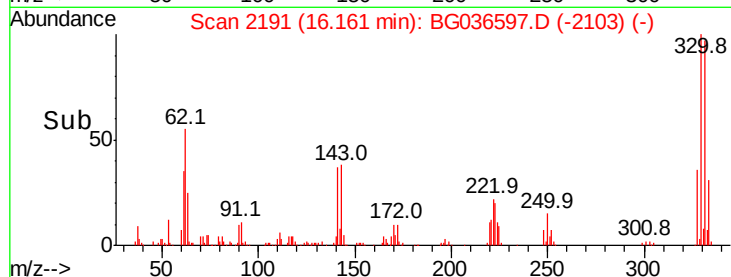
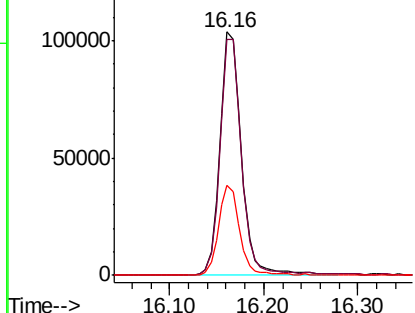
#41
 2,4,6-Tribromophenol
 Concen: 82.959 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036597.D
 Acq: 7 Sep 2018 15:04

Instrument :
 BNA_G
 ClientSampleId :
 MS-SLUDGE-V24129

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.4	113.2
141	36.2	30.7	46.1

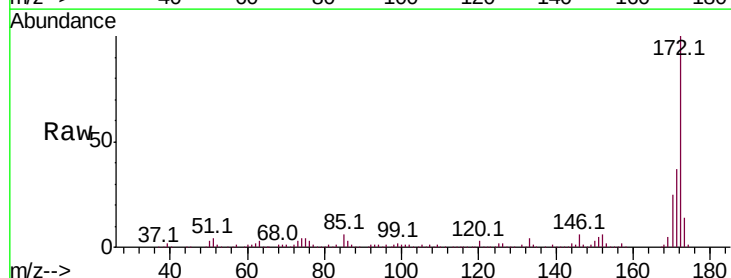


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

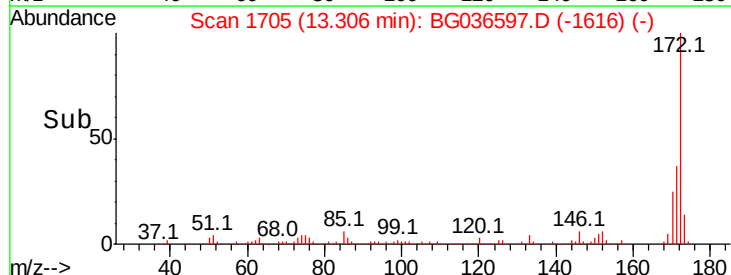
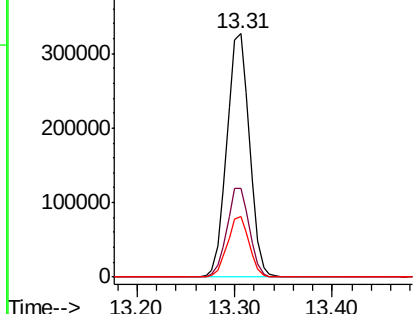


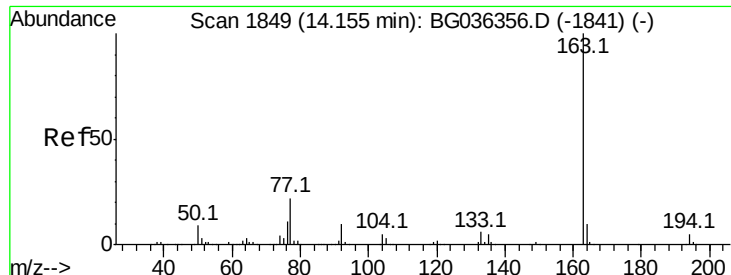
#44
 2-Fluorobiphenyl
 Concen: 44.692 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036597.D
 Acq: 7 Sep 2018 15:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	31.3	46.9
170	25.0	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





#49

Dimethylphthalate

Concen: 12.827 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036597.D

Acq: 7 Sep 2018 15:04

Instrument :

BNA_G

ClientSampleId :

MS-SLUDGE-V24129

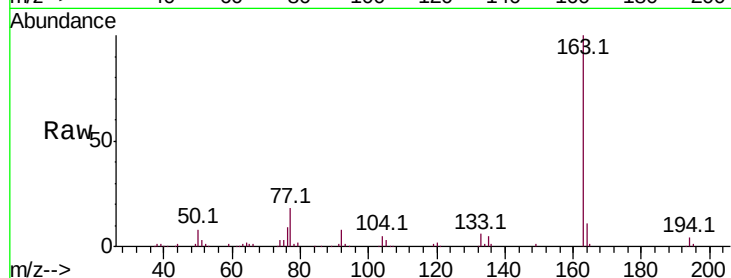
Tot Ion:163 Resp: 175904

Ion Ratio Lower Upper

163 100

194 4.5 4.0 6.0

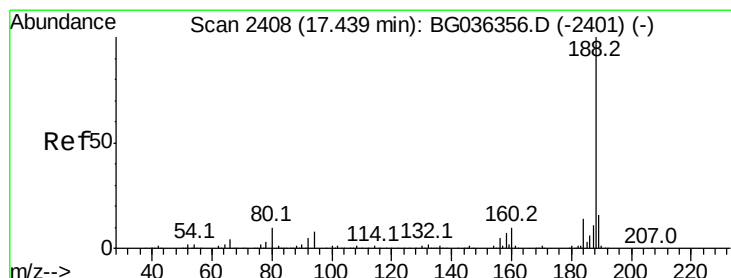
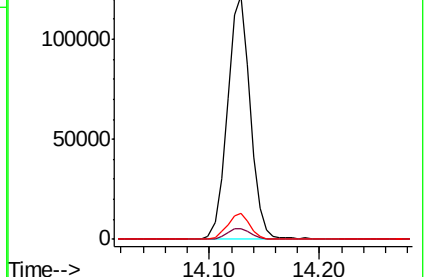
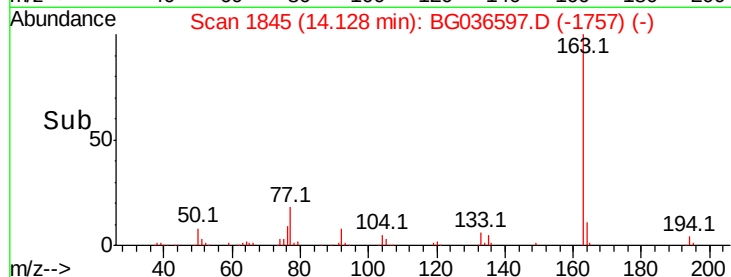
164 10.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BG036597.D

Acq: 7 Sep 2018 15:04

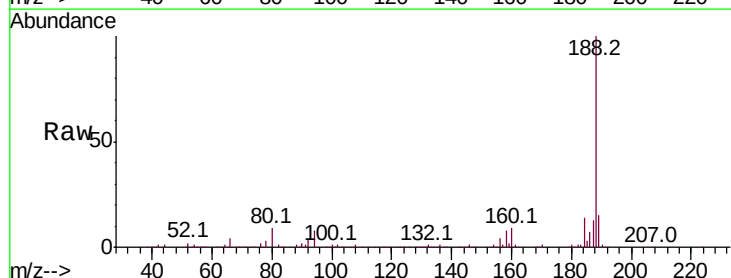
Tgt Ion:188 Resp: 424131

Ion Ratio Lower Upper

188 100

94 7.6 6.7 10.1

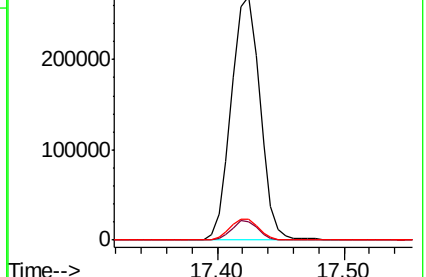
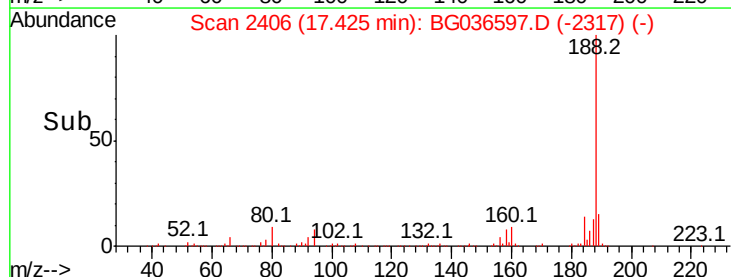
80 8.7 8.1 12.1

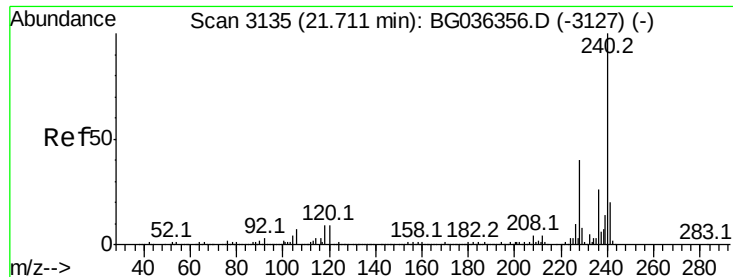


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036597.D

Acq: 7 Sep 2018 15:04

Instrument :

BNA_G

ClientSampleId :

MS-SLUDGE-V24129

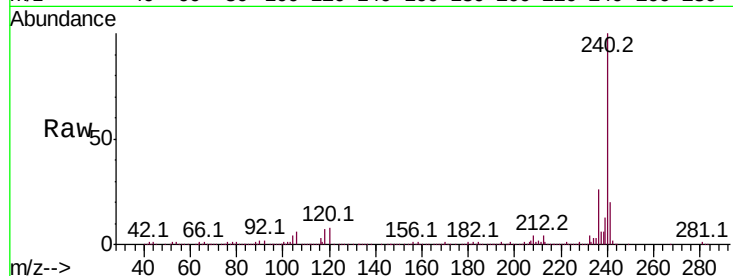
Tot Ion:240 Resp: 435475

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

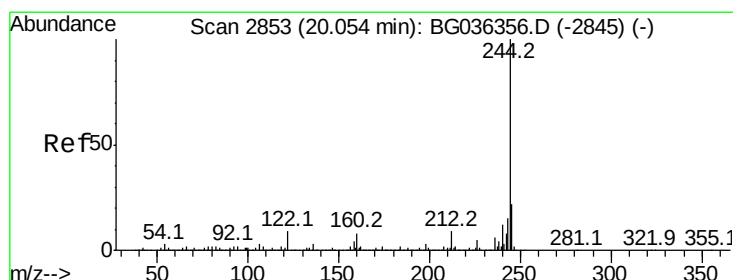
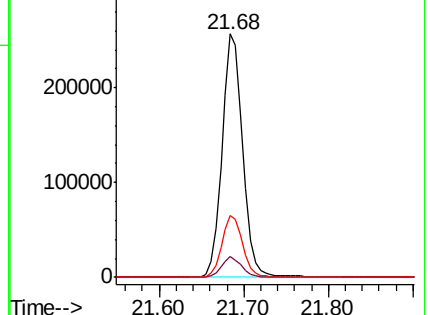
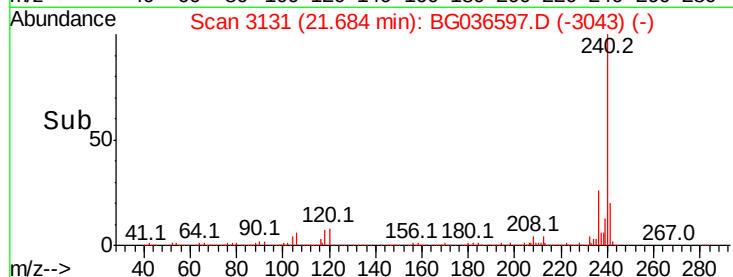
236 25.6 21.2 31.8



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: 43.754 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036597.D

Acq: 7 Sep 2018 15:04

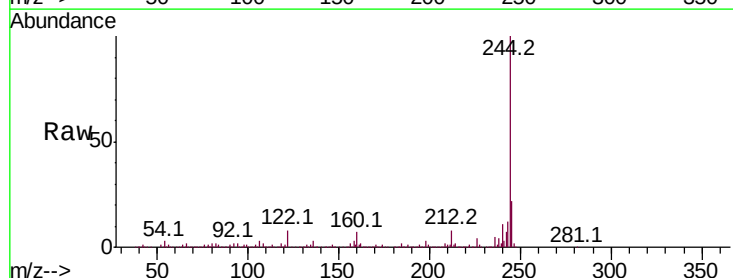
Tgt Ion:244 Resp: 815193

Ion Ratio Lower Upper

244 100

212 7.9 7.0 10.6

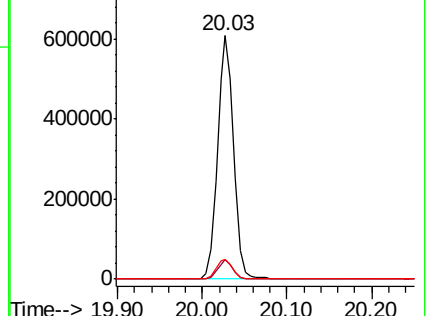
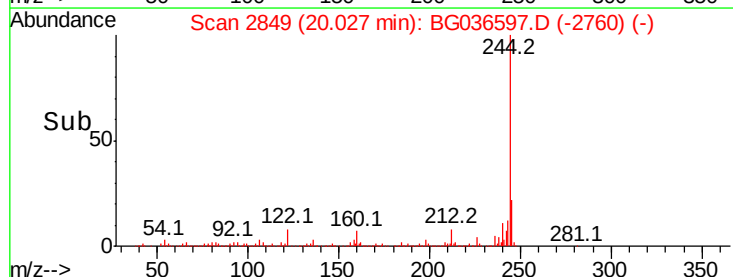
122 8.3 7.1 10.7

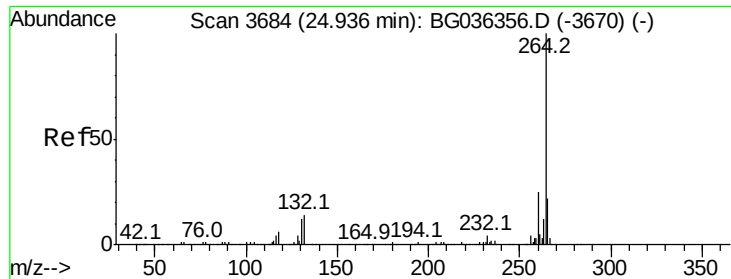


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

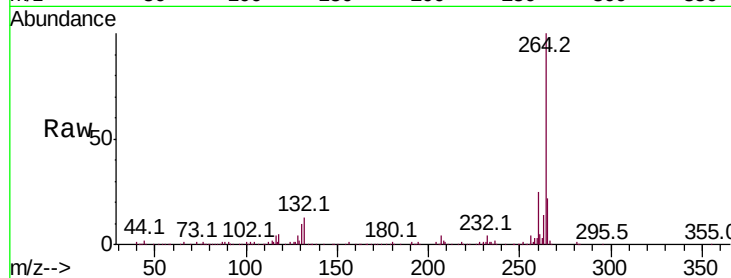




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BG036597.D
 Acq: 7 Sep 2018 15:04

Instrument :
 BNA_G
 ClientSampleId :
 MS-SLUDGE-V24129

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	22.2	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

