

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
 Data File : BG036985.D
 Acq On : 26 Sep 2018 17:14
 Operator : JU/SJ
 Sample : J5069-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLUDGE-A

Quant Time: Sep 26 19:06:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	47264	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	187111	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	119216	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	299683	20.00	ng	0.00
75) Chrysene-d12	21.68	240	315289	20.00	ng	-0.01
86) Perylene-d12	24.89	264	298726	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	288804	117.19	ng	0.00
7) Phenol-d6	7.20	99	363129	95.23	ng	-0.01
23) Nitrobenzene-d5	9.20	82	318274	91.09	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	180948	126.86	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	688890	86.06	ng	-0.01
78) Terphenyl-d14	20.02	244	1153298	96.18	ng	0.00

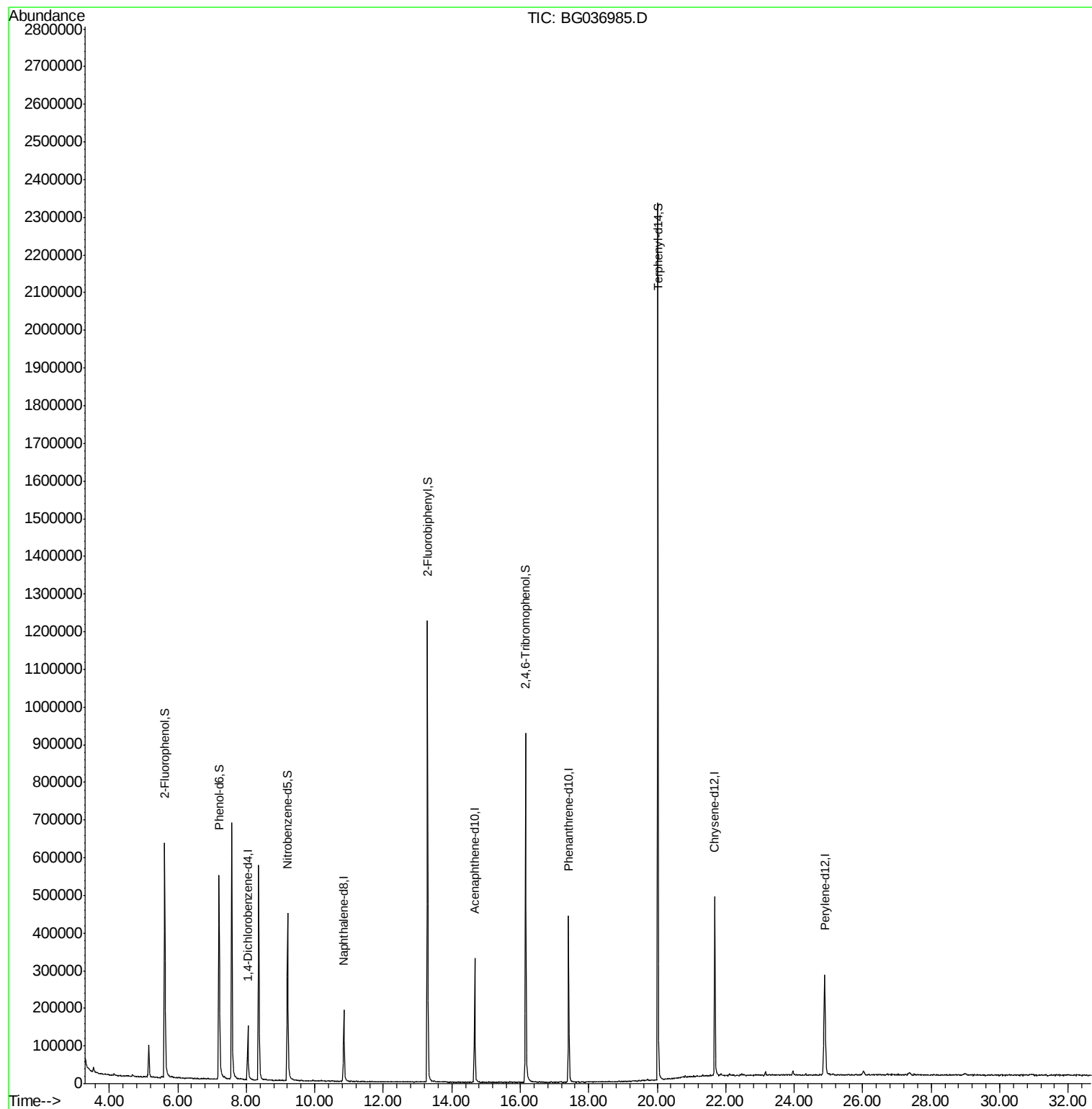
Target Compounds Qvalue

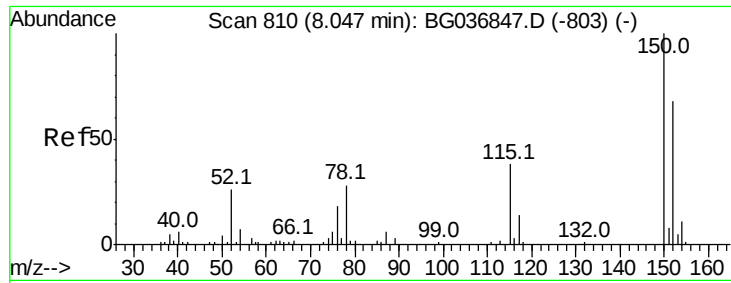
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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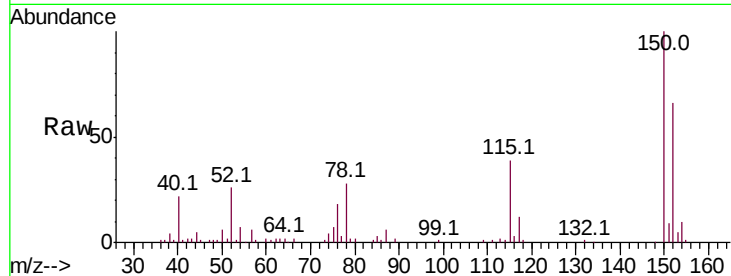


#1

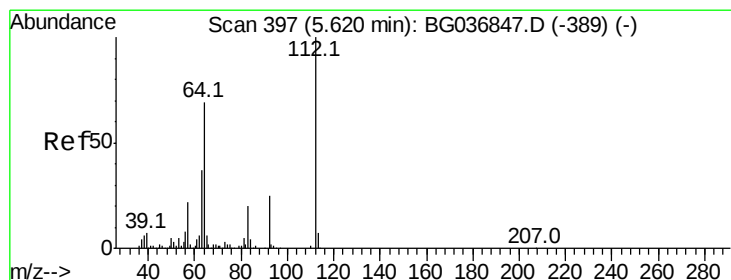
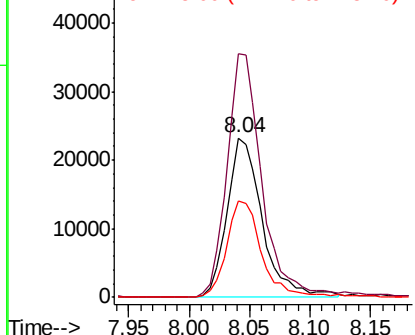
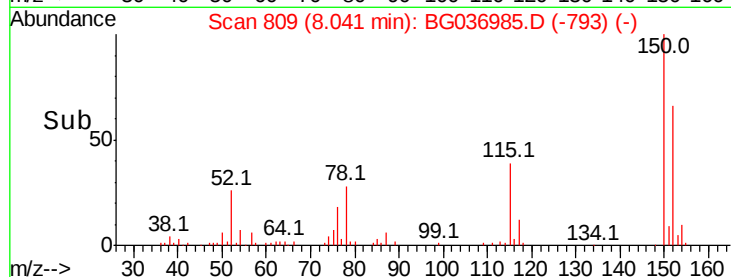
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG036985.D
Acq: 26 Sep 2018 17:14

Instrument :
BNA_G
ClientSampleId :
SLUDGE-A

Tot Ion:152 Resp: 47264
Ion Ratio Lower Upper
152 100
150 152.5 119.5 179.3
115 60.1 44.5 66.7



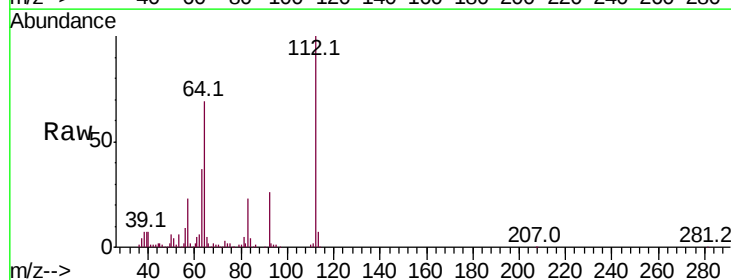
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



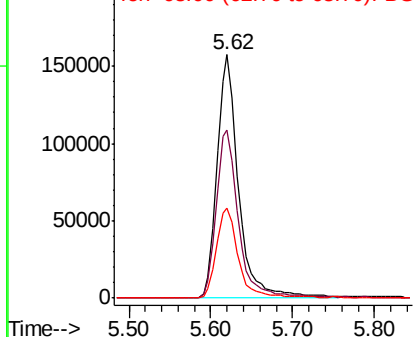
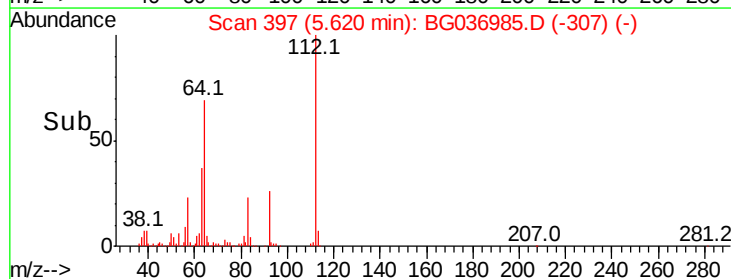
#5

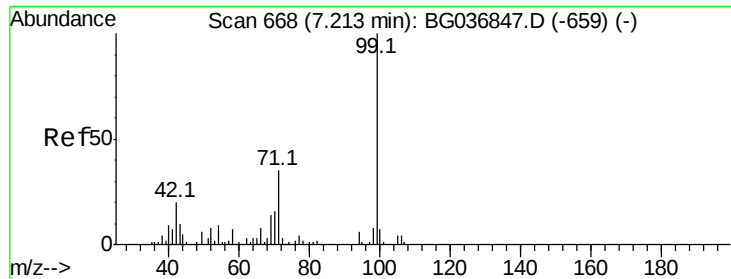
2-Fluorophenol
Concen: 117.185 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036985.D
Acq: 26 Sep 2018 17:14

Tgt Ion:112 Resp: 288804
Ion Ratio Lower Upper
112 100
64 69.1 57.2 85.8
63 37.0 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 95.234 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036985.D

Acq: 26 Sep 2018 17:14

Instrument :

BNA_G

ClientSampleId :

SLUDGE-A

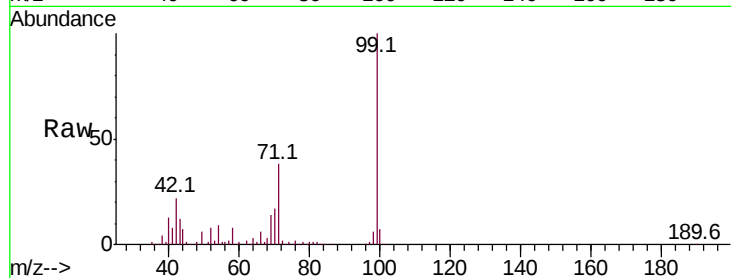
Tot Ion: 99 Resp: 363129

Ion Ratio Lower Upper

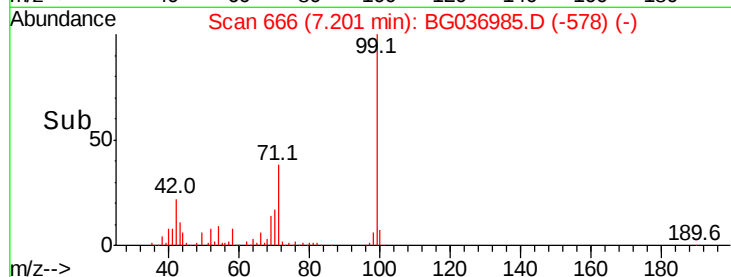
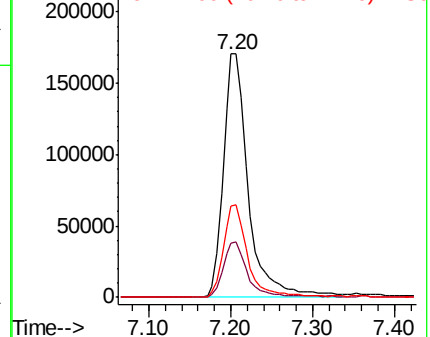
99 100

42 22.4 16.5 24.7

71 37.6 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: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG036985.D

Acq: 26 Sep 2018 17:14

Tgt Ion: 136 Resp: 187111

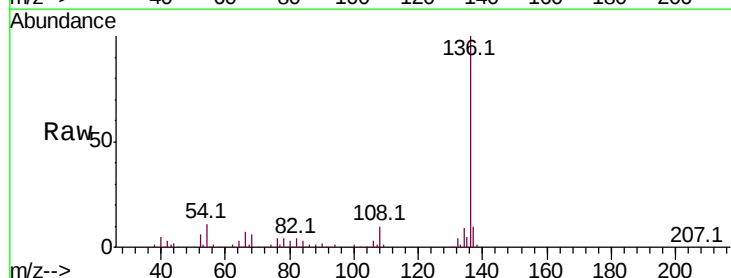
Ion Ratio Lower Upper

136 100

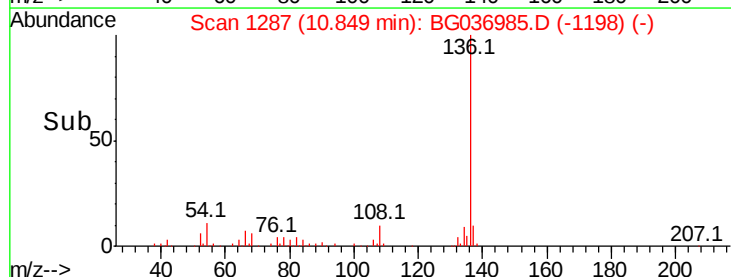
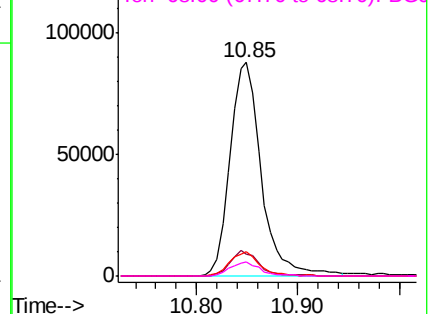
137 10.4 8.8 13.2

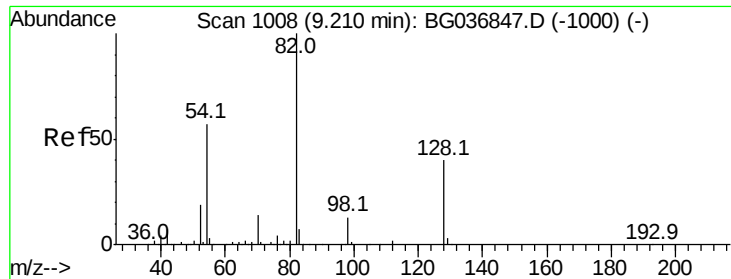
54 11.2 9.2 13.8

68 6.5 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

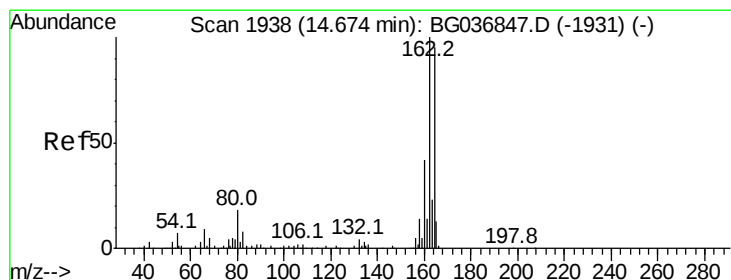
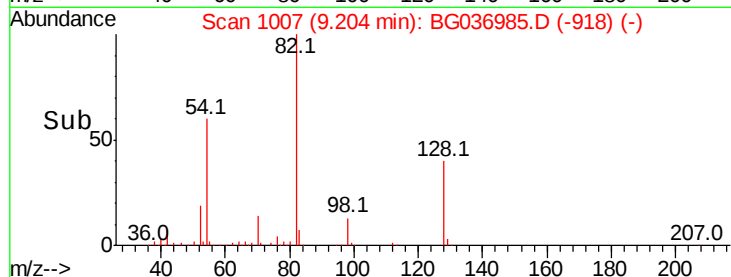
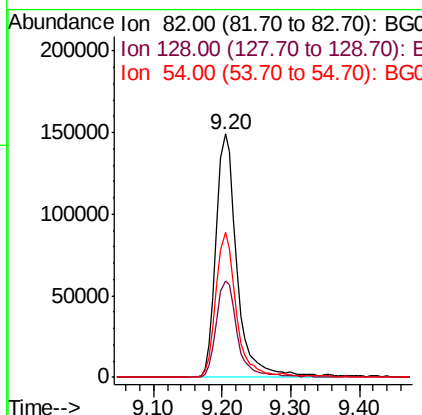
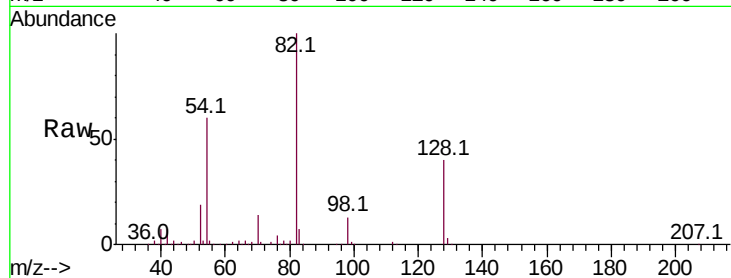




#23
Nitrobenzene-d5
Concen: 91.090 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036985.D
Acq: 26 Sep 2018 17:14

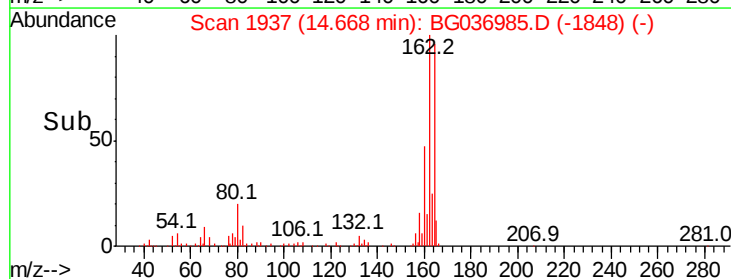
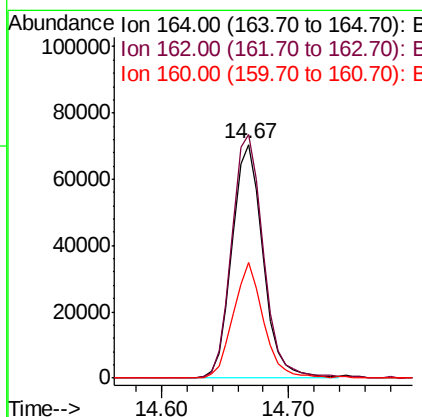
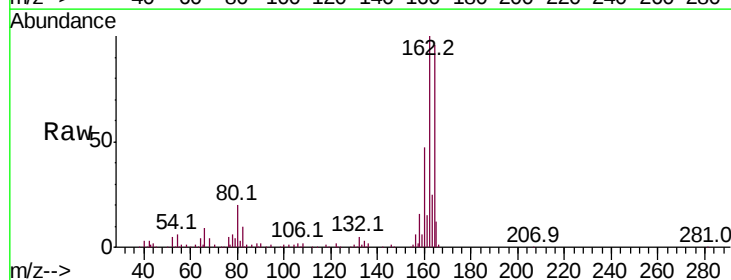
Instrument :
BNA_G
ClientSampleId :
SLUDGE-A

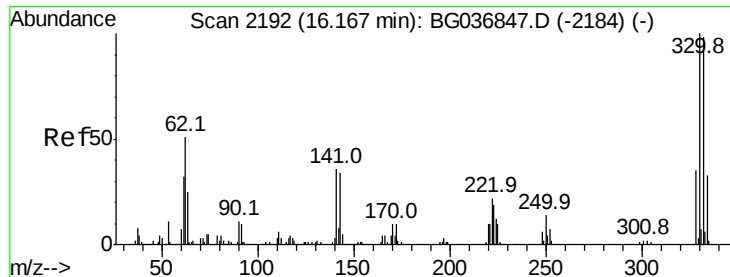
Tot Ion	82	Resp	318274
Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.3	49.9
54	59.6	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036985.D
Acq: 26 Sep 2018 17:14

Tgt Ion	164	Resp	119216
Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.7	121.1
160	49.3	35.3	52.9

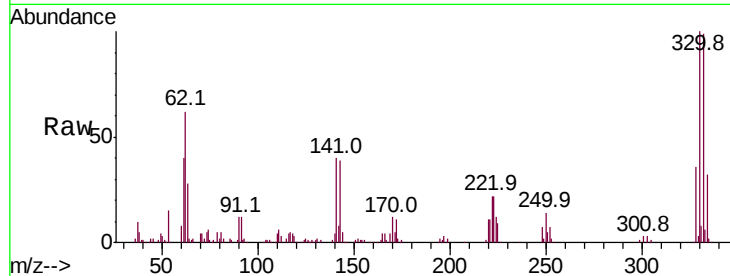




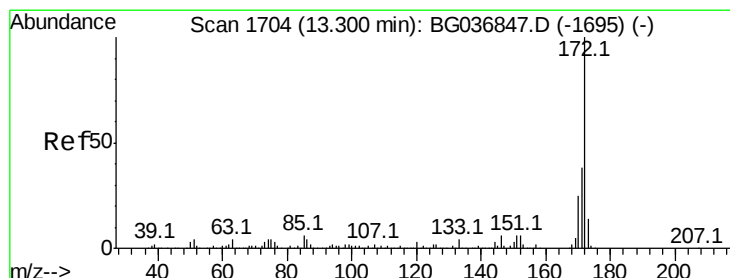
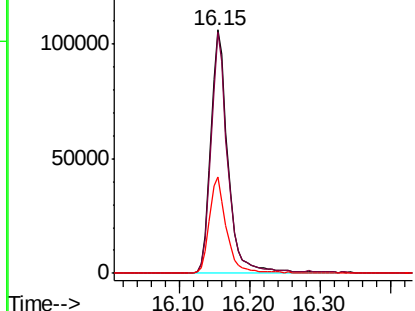
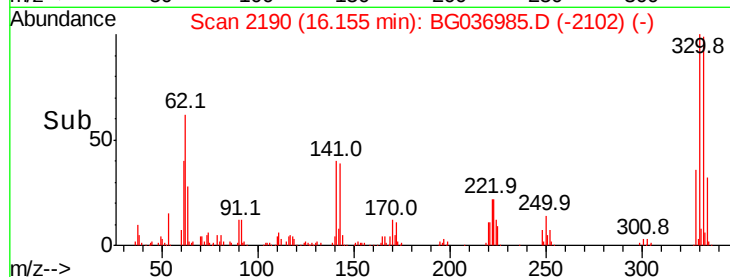
#41
 2,4,6-Tribromophenol
 Concen: 126.861 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036985.D
 Acq: 26 Sep 2018 17:14

Instrument :
 BNA_G
 ClientSampleId :
 SLUDGE-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.4	113.2
141	39.3	30.7	46.1

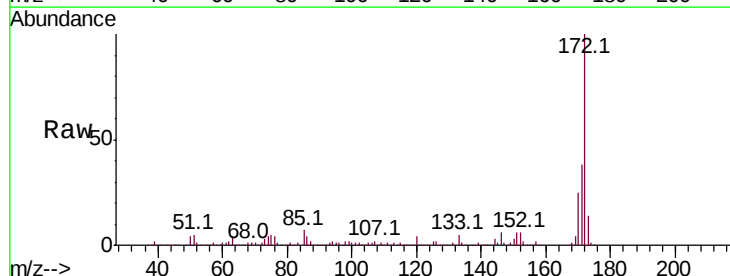


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

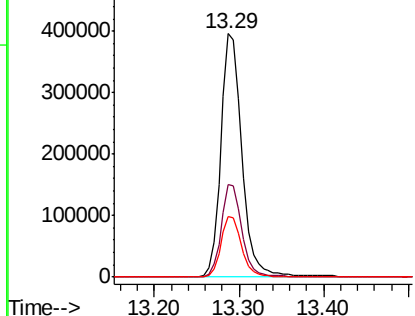
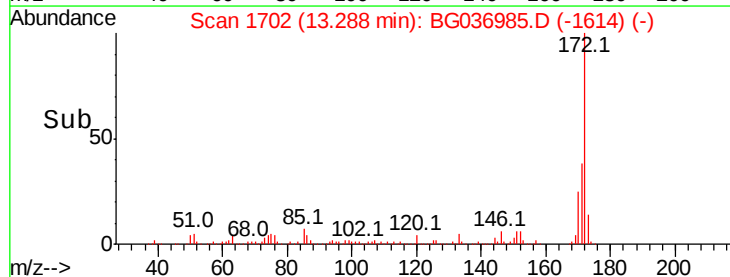


#44
 2-Fluorobiphenyl
 Concen: 86.064 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036985.D
 Acq: 26 Sep 2018 17:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	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

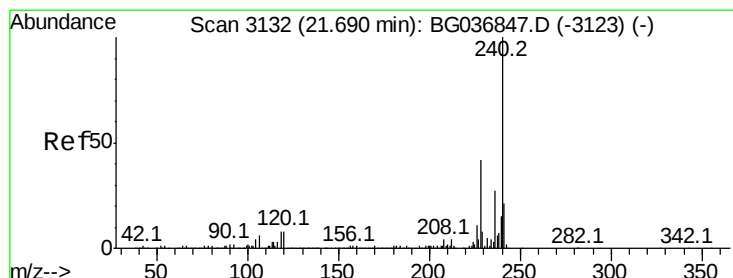
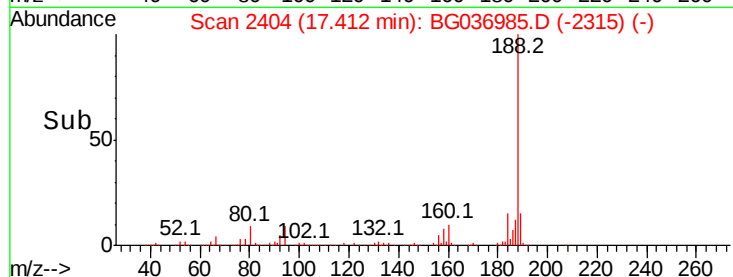
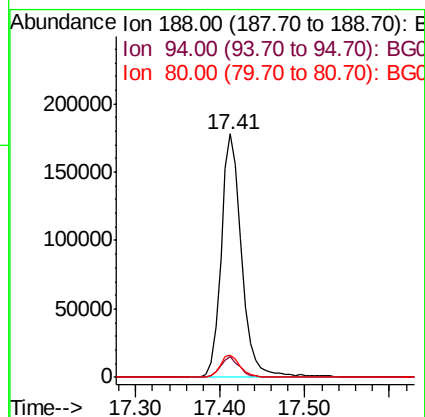
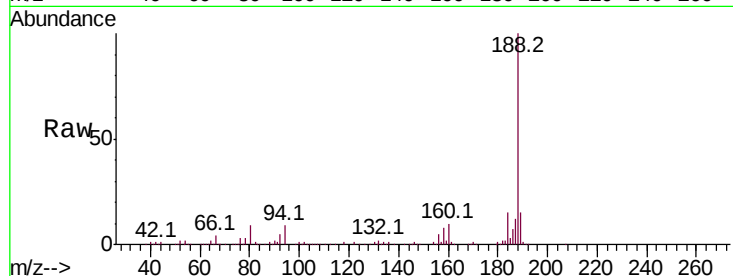




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036985.D
Acq: 26 Sep 2018 17:14

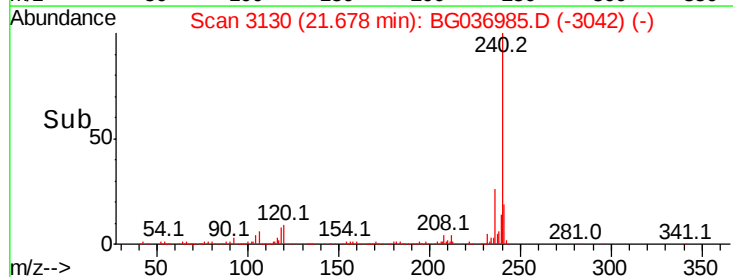
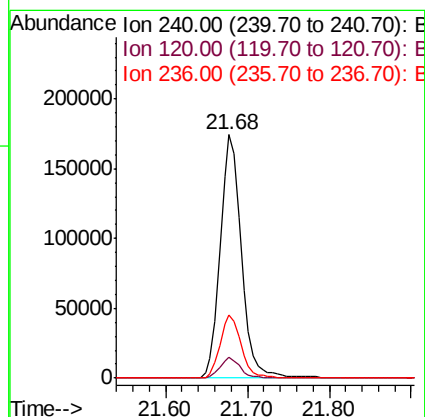
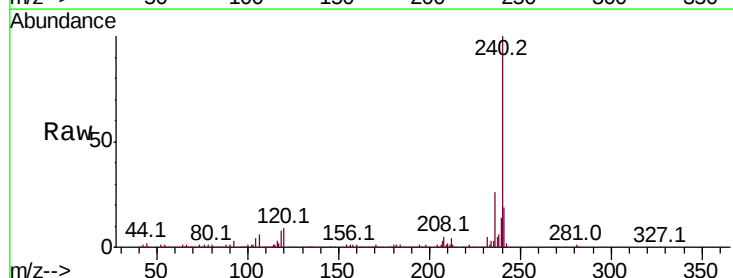
Instrument :
BNA_G
ClientSampleId :
SLUDGE-A

Tot Ion:188 Resp: 299683
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 9.2 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036985.D
Acq: 26 Sep 2018 17:14

Tgt Ion:240 Resp: 315289
Ion Ratio Lower Upper
240 100
120 8.7 6.9 10.3
236 26.1 21.2 31.8





#78

Terphenyl-d14

Concen: 96.184 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036985.D

Acq: 26 Sep 2018 17:14

Instrument :

BNA_G

ClientSampleId :

SLUDGE-A

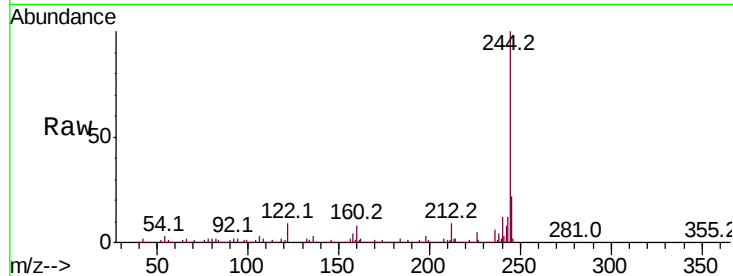
Tot Ion:244 Resp: 1153298

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	8.9	7.1	10.7

244 100

212 8.6 7.0 10.6

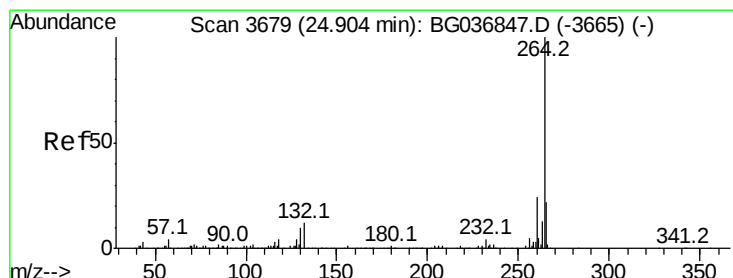
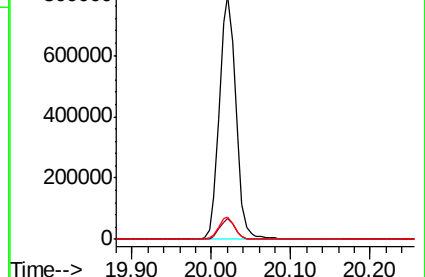
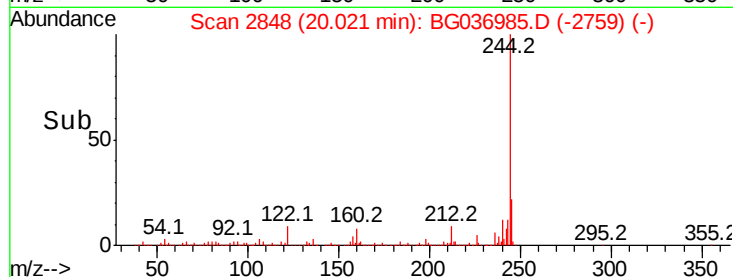
122 8.9 7.1 10.7



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# 3676

Delta R.T. -0.02 min

Lab File: BG036985.D

Acq: 26 Sep 2018 17:14

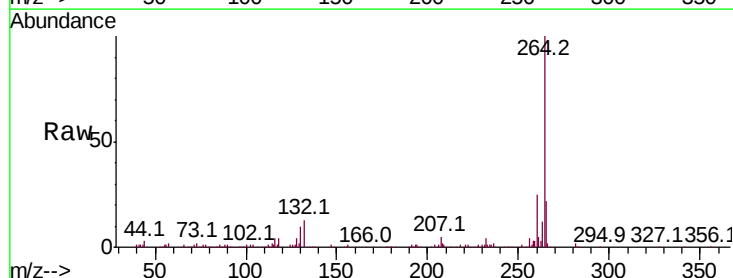
Tgt Ion:264 Resp: 298726

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	22.1	17.4	26.0

264 100

260 24.7 19.6 29.4

265 22.1 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

