

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
 Data File : BG037929.D
 Acq On : 9 Nov 2018 20:36
 Operator : JU/SJ
 Sample : J5877-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1106-S-TCLP-1

Quant Time: Nov 12 07:00:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	54240	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	246757	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	162779	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	356525	20.00	ng	0.00
76) Chrysene-d12	21.76	240	306535	20.00	ng	-0.02
87) Perylene-d12	25.09	264	219587	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	363544	112.06	ng	0.00
7) Phenol-d6	7.24	99	479438	97.73	ng	0.00
23) Nitrobenzene-d5	9.27	82	353836	80.33	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	169271	95.34	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	823254	76.26	ng	-0.02
79) Terphenyl-d14	20.07	244	1227506	85.57	ng	-0.02

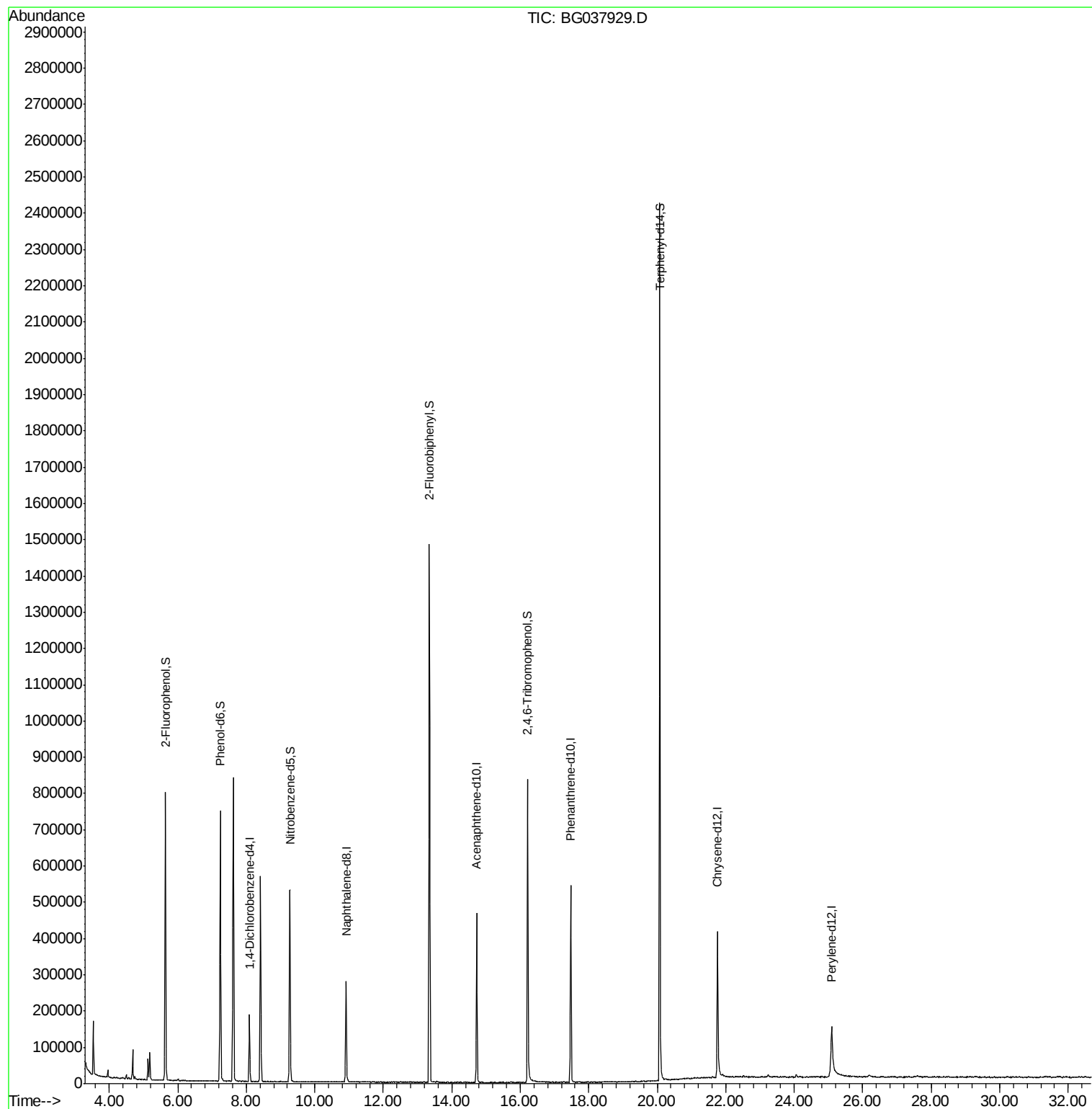
Target Compounds Qvalue

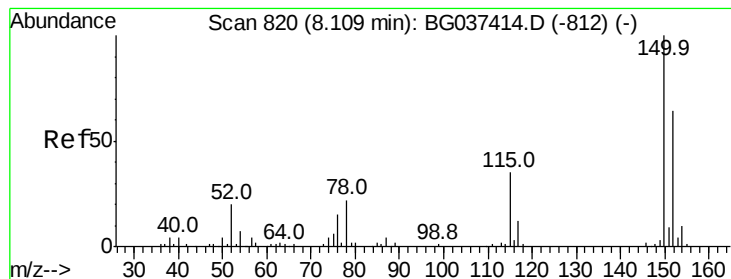
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037929.D
Acq On : 9 Nov 2018 20:36
Operator : JU/SJ
Sample : J5877-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSSI-1106-S-TCLP-1

Quant Time: Nov 12 07:00:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.02 min

Lab File: BG037929.D

Acq: 9 Nov 2018 20:36

Instrument :

BNA_G

ClientSampleId :

SSSI-1106-S-TCLP-1

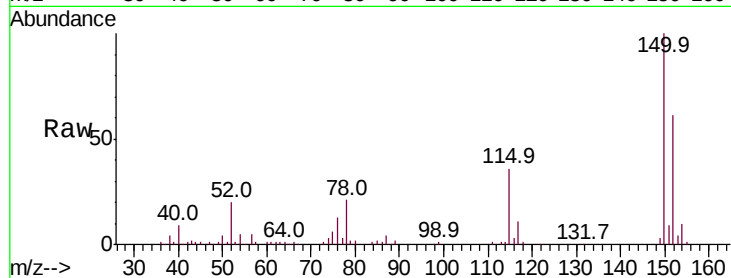
Tot Ion:152 Resp: 54240

Ion Ratio Lower Upper

152 100

150 164.4 126.0 189.0

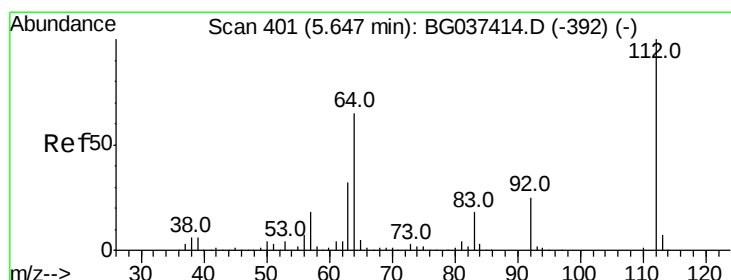
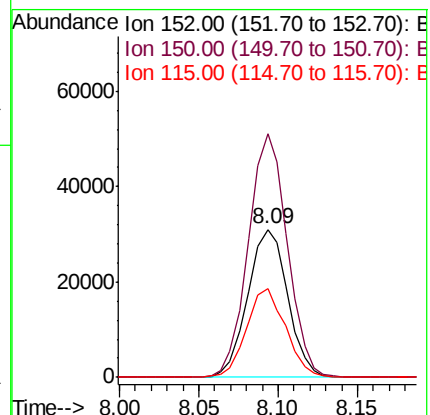
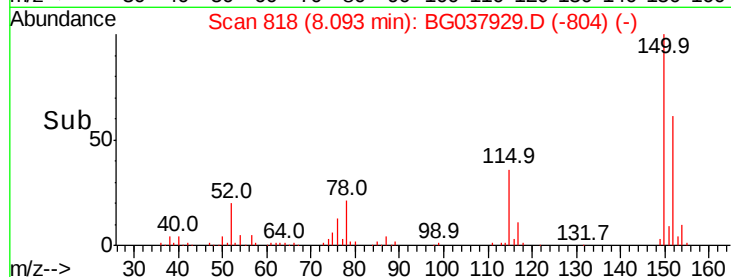
115 59.5 45.5 68.3



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: 112.056 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037929.D

Acq: 9 Nov 2018 20:36

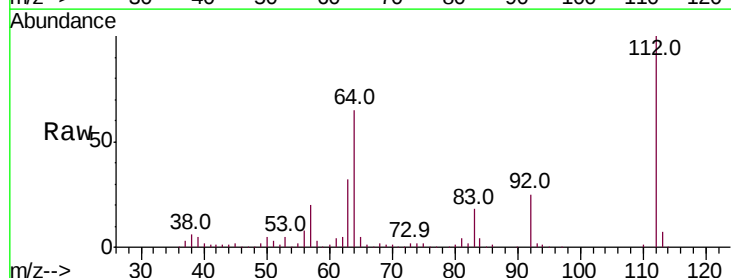
Tgt Ion:112 Resp: 363544

Ion Ratio Lower Upper

112 100

64 65.3 53.1 79.7

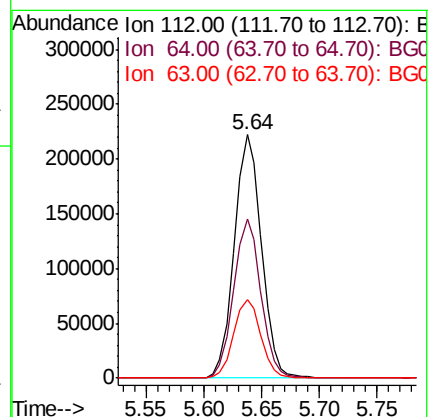
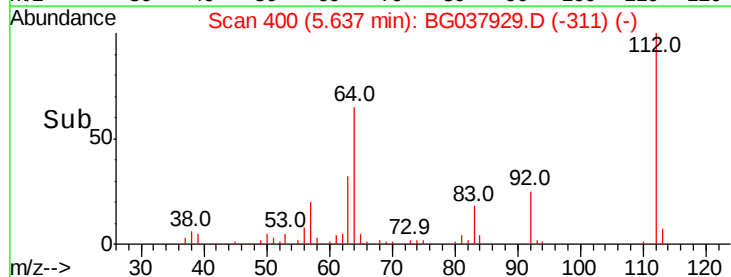
63 32.2 27.3 40.9



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: 97.729 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037929.D

Acq: 9 Nov 2018 20:36

Instrument :

BNA_G

ClientSampleId :

SSSI-1106-S-TCLP-1

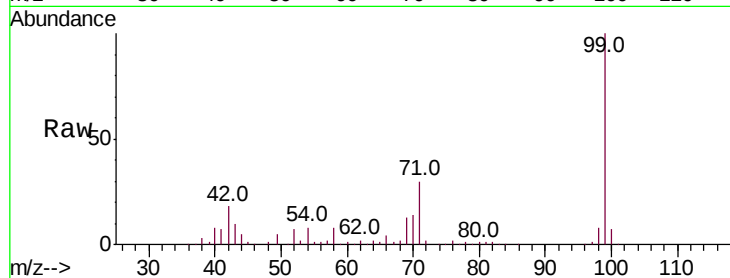
Tot Ion: 99 Resp: 479438

Ion Ratio Lower Upper

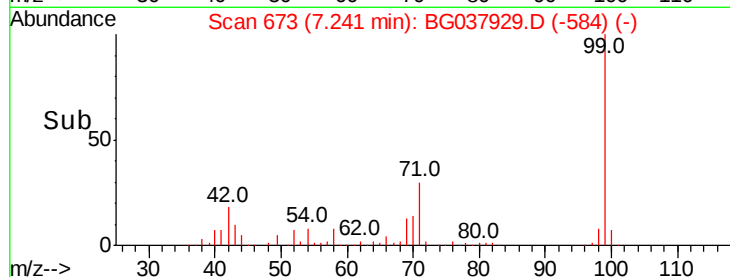
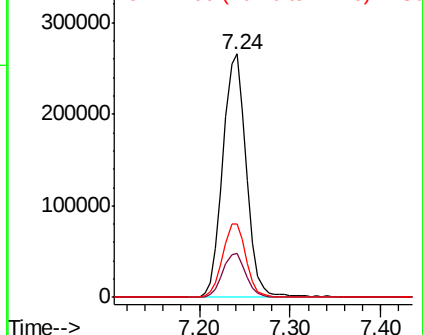
99 100

42 18.3 15.0 22.4

71 30.1 25.5 38.3



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: 10.91 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BG037929.D

Acq: 9 Nov 2018 20:36

Tgt Ion: 136 Resp: 246757

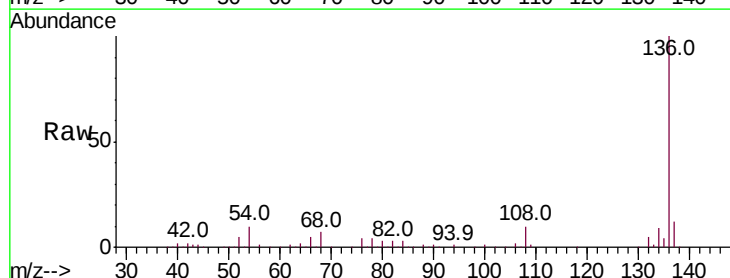
Ion Ratio Lower Upper

136 100

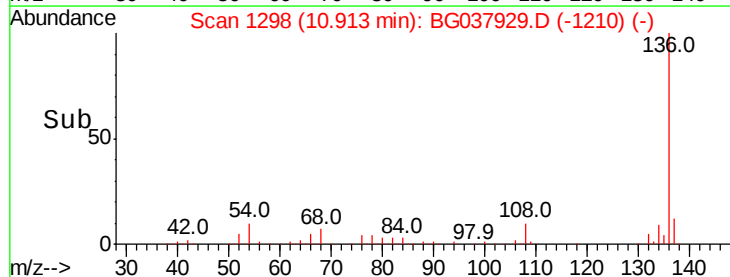
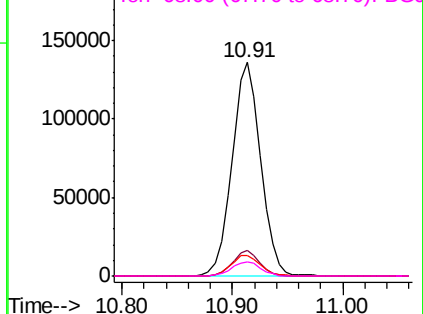
137 11.7 9.6 14.4

54 9.9 7.9 11.9

68 6.5 4.8 7.2



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

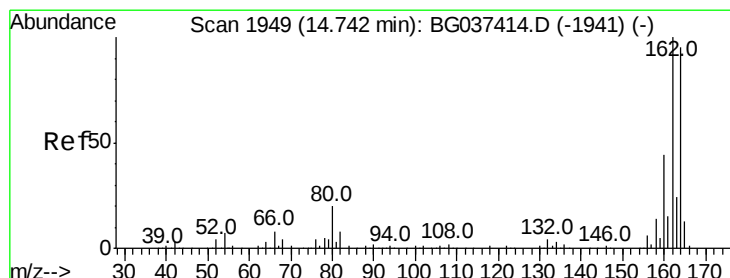
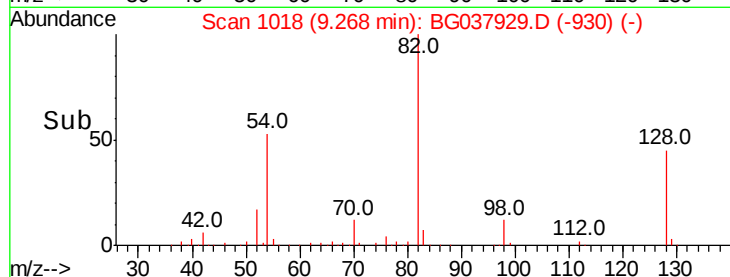
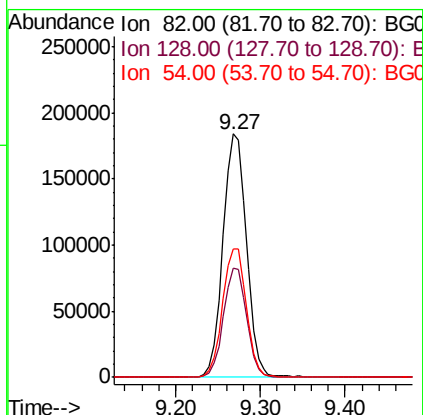
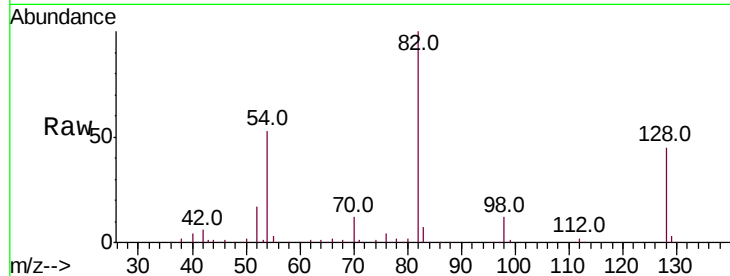




#23
 Nitrobenzene-d5
 Concen: 80.328 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.02 min
 Lab File: BG037929.D
 Acq: 9 Nov 2018 20:36

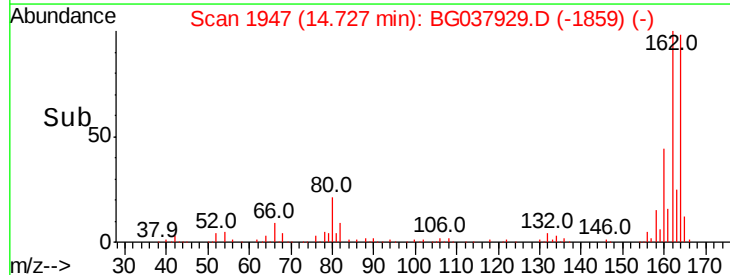
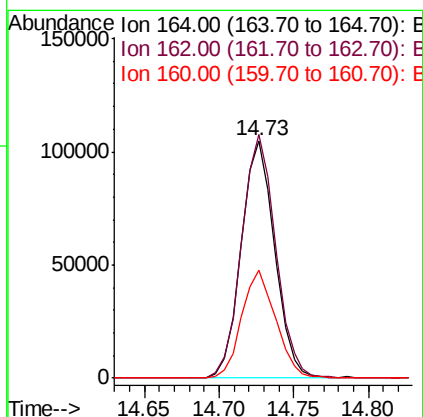
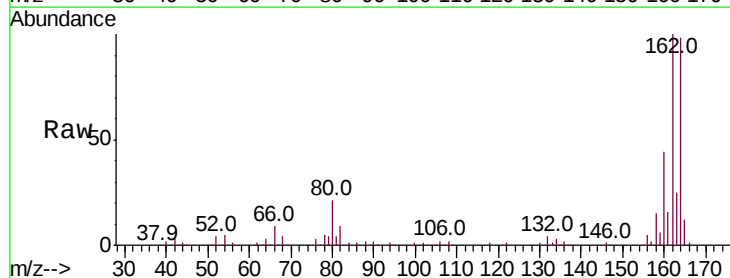
Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1106-S-TCLP-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	51.8
54	52.5	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BG037929.D
 Acq: 9 Nov 2018 20:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.3	121.9
160	45.3	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 95.342 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG037929.D

Acq: 9 Nov 2018 20:36

Instrument :

BNA_G

ClientSampleId :

SSSI-1106-S-TCLP-1

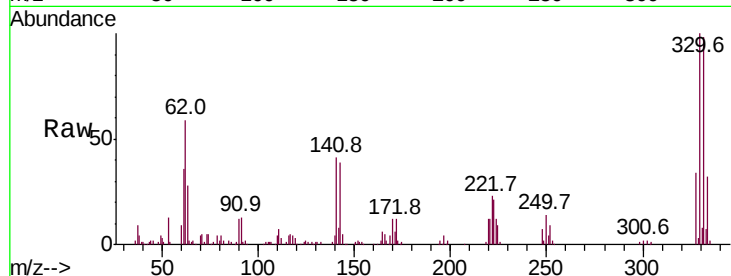
Tot Ion:330 Resp: 169271

Ion Ratio Lower Upper

330 100

332 94.1 78.4 117.6

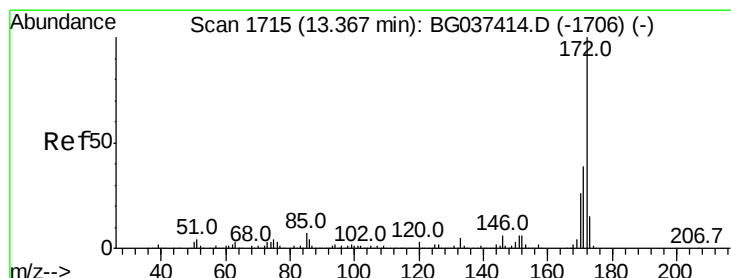
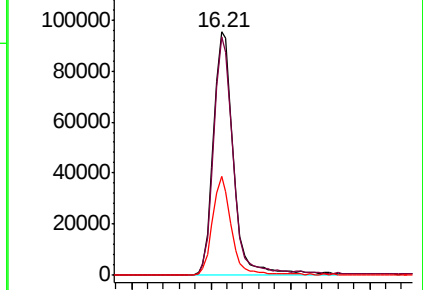
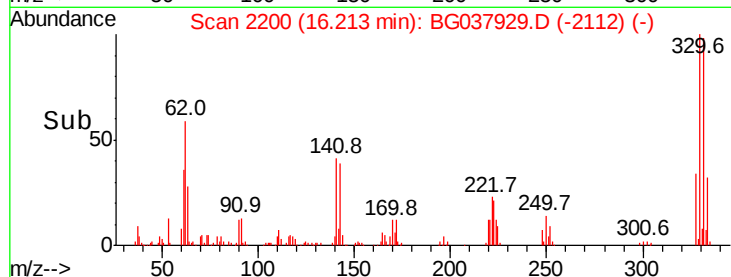
141 37.2 32.2 48.2



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



#45

2-Fluorobiphenyl

Concen: 76.264 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BG037929.D

Acq: 9 Nov 2018 20:36

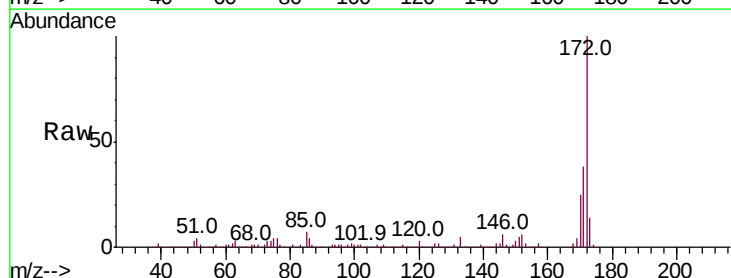
Tgt Ion:172 Resp: 823254

Ion Ratio Lower Upper

172 100

171 38.2 31.0 46.4

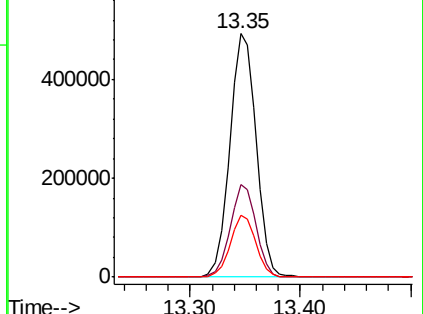
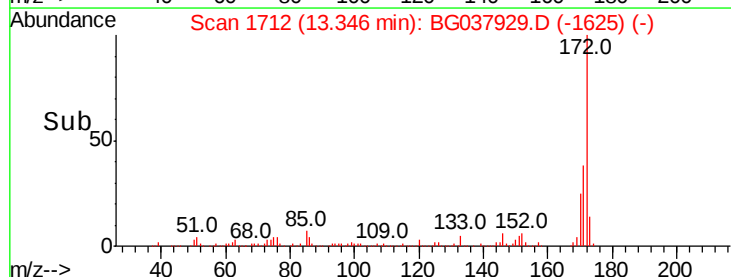
170 25.4 20.2 30.2

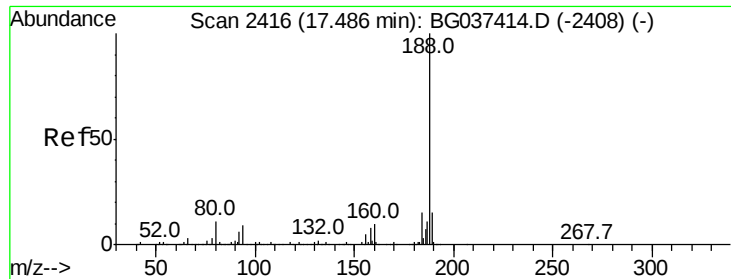


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

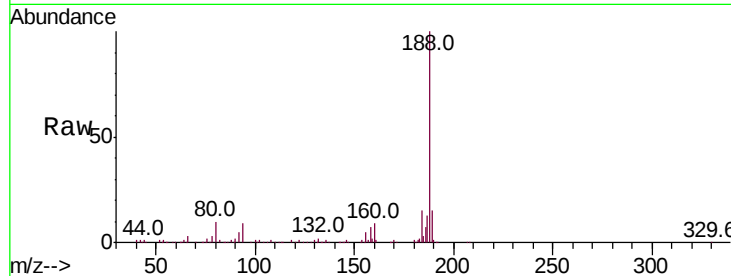




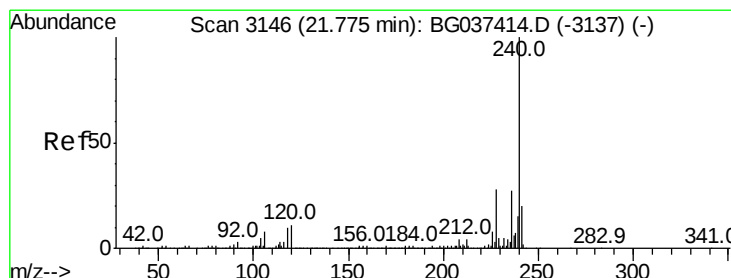
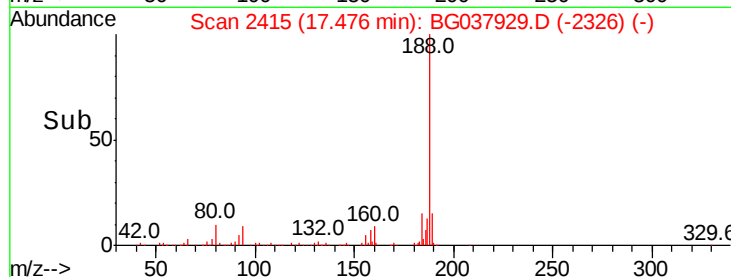
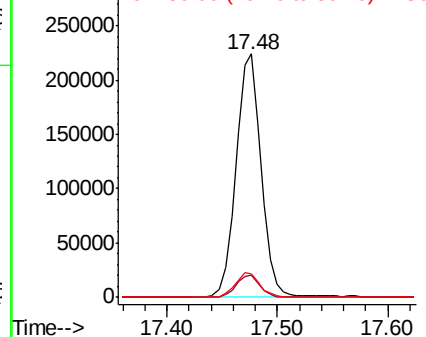
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037929.D
 Acq: 9 Nov 2018 20:36

Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1106-S-TCLP-1

Tot Ion:188 Resp: 356525
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.2 10.8
 80 9.8 7.7 11.5

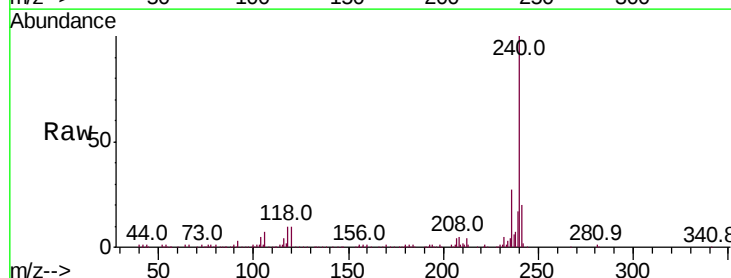


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

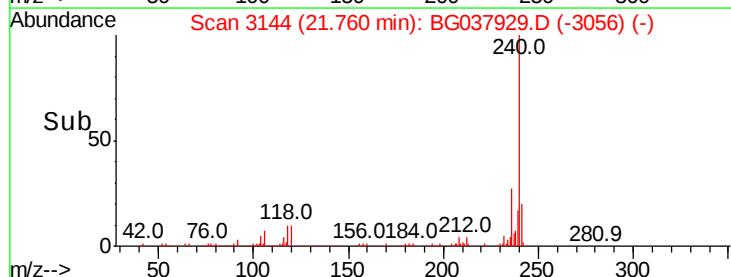
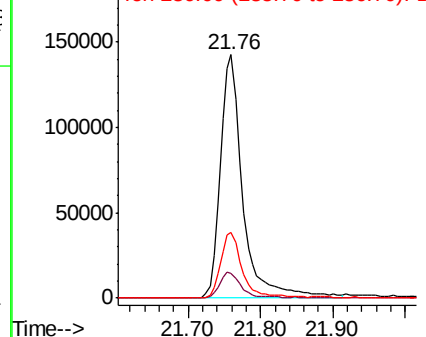


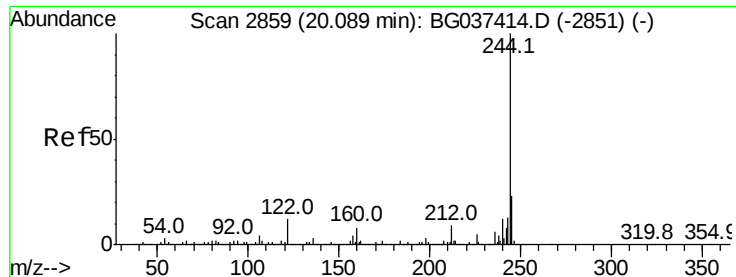
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.02 min
 Lab File: BG037929.D
 Acq: 9 Nov 2018 20:36

Tgt Ion:240 Resp: 306535
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.1 12.1
 236 27.0 21.4 32.0



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





#79

Terphenyl-d14

Concen: 85.566 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037929.D

Acq: 9 Nov 2018 20:36

Instrument :

BNA_G

ClientSampleId :

SSSI-1106-S-TCLP-1

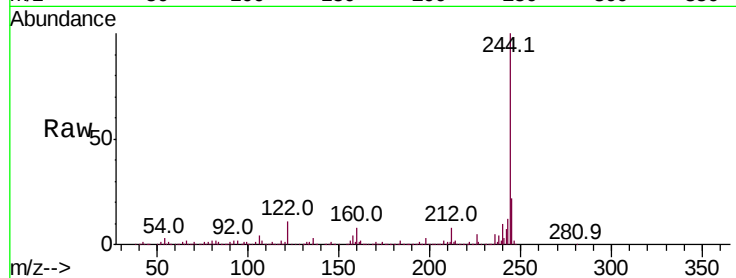
Tot Ion:244 Resp: 1227506

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

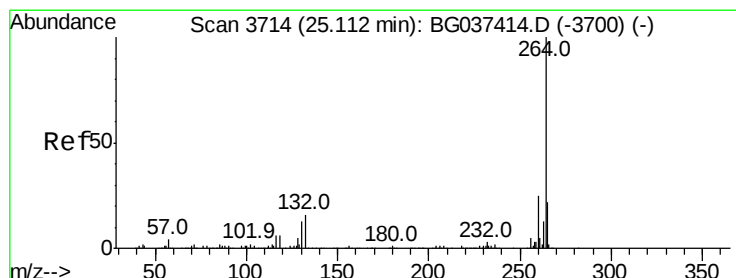
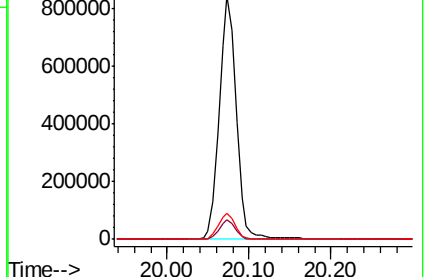
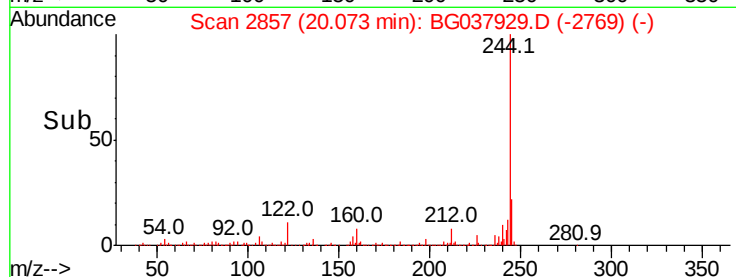
122 10.9 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG037929.D

Acq: 9 Nov 2018 20:36

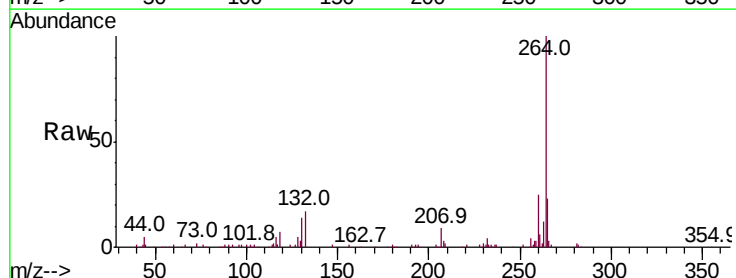
Tgt Ion:264 Resp: 219587

Ion Ratio Lower Upper

264 100

260 24.7 18.2 27.4

265 22.9 17.9 26.9



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

