

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038441.D
 Acq On : 10 Dec 2018 16:20
 Operator : JU/SJ
 Sample : J6296-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-1206-S-TCLP-GRID

Quant Time: Dec 10 18:01:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	24932	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	102213	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	68979	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	183263	20.00	ng	0.00
76) Chrysene-d12	21.73	240	182533	20.00	ng	0.00
87) Perylene-d12	25.04	264	182642	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	173378	123.06	ng	0.00
7) Phenol-d6	7.22	99	228045	111.99	ng	0.00
23) Nitrobenzene-d5	9.25	82	171344	83.23	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	131104	154.82	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	419755	86.71	ng	0.00
79) Terphenyl-d14	20.05	244	832832	97.74	ng	0.00

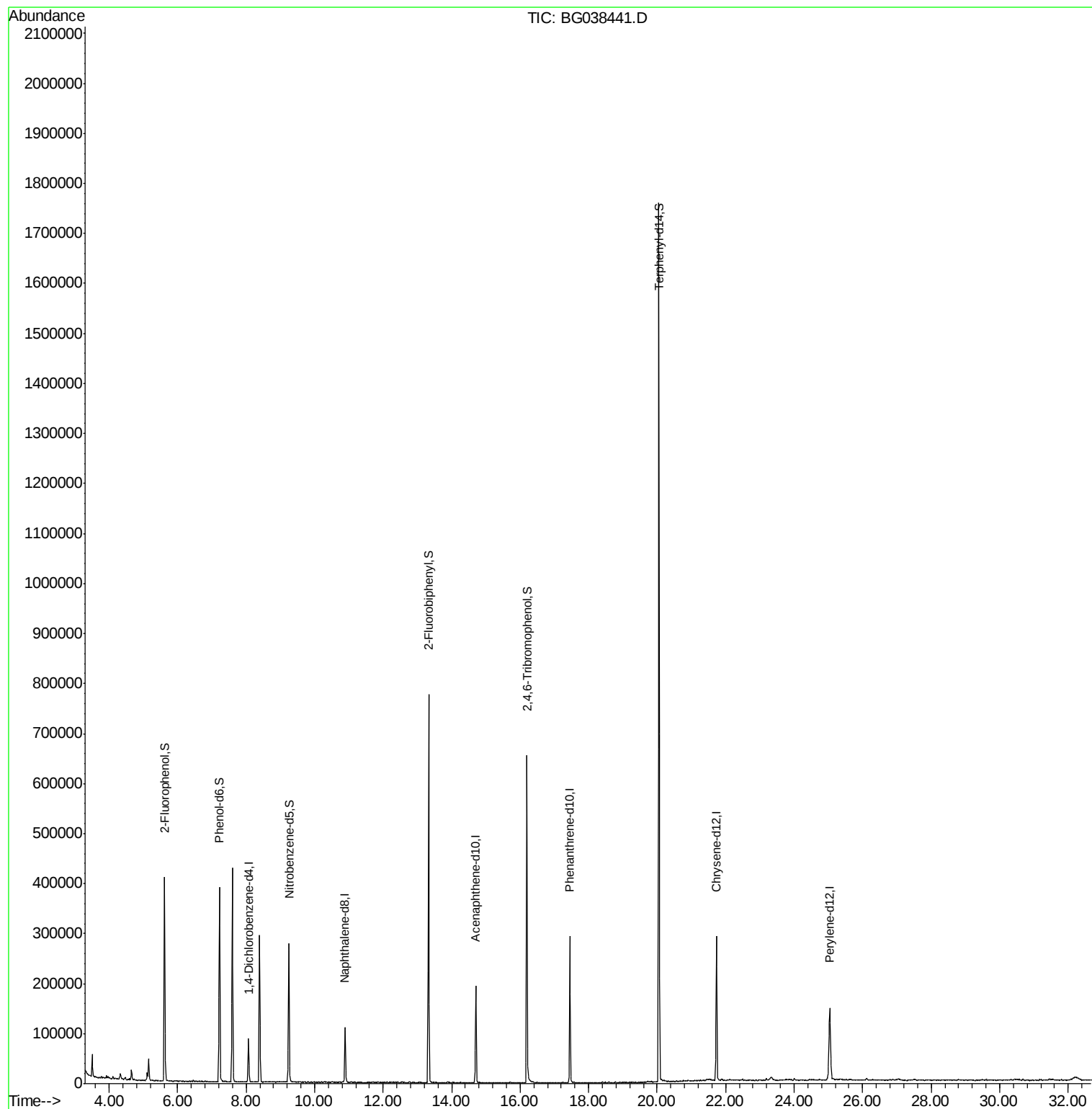
Target Compounds Qvalue

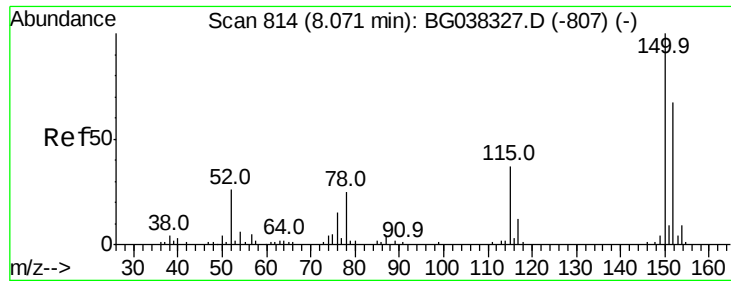
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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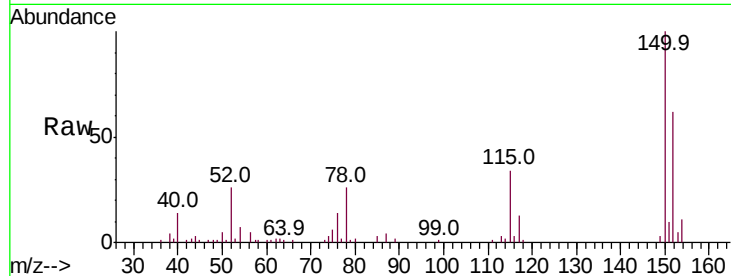


#1

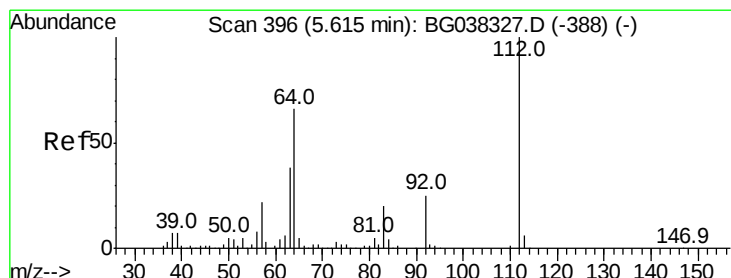
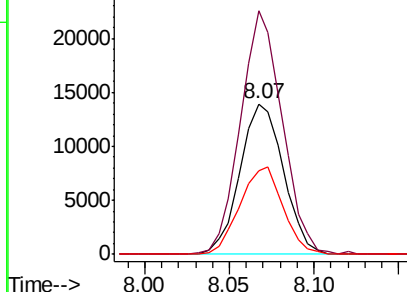
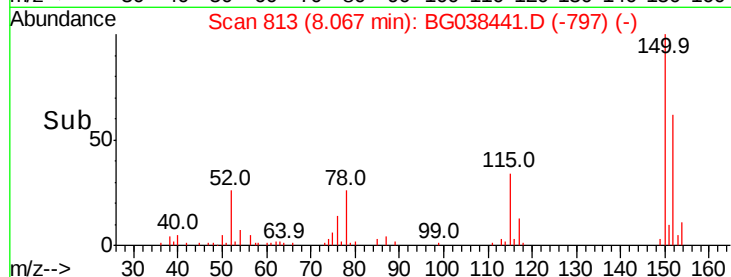
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038441.D
Acq: 10 Dec 2018 16:20

Instrument :
BNA_G
ClientSampleId :
CB-1206-S-TCLP-GRID

Tot Ion:152 Resp: 24932
Ion Ratio Lower Upper
152 100
150 161.9 126.0 189.0
115 55.7 45.5 68.3



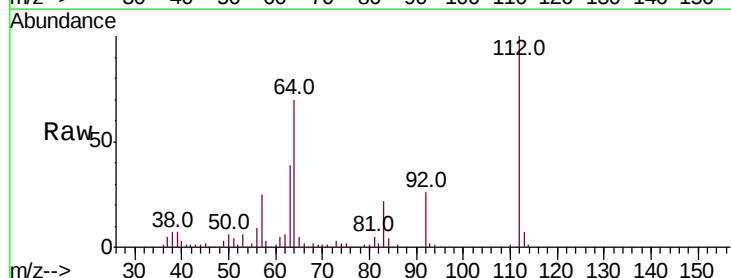
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



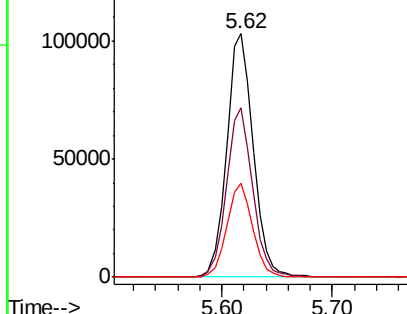
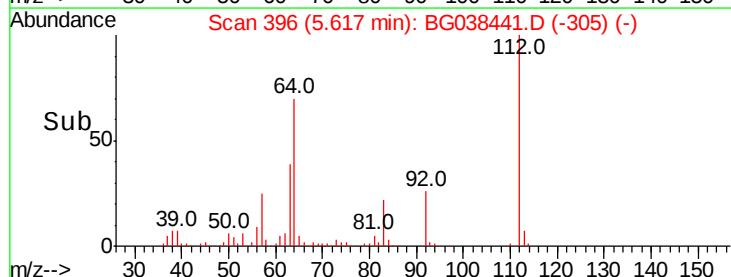
#5

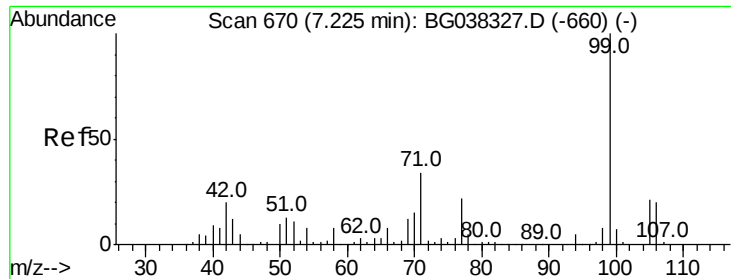
2-Fluorophenol
Concen: 123.062 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038441.D
Acq: 10 Dec 2018 16:20

Tgt Ion:112 Resp: 173378
Ion Ratio Lower Upper
112 100
64 69.6 53.1 79.7
63 38.7 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: 111.990 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038441.D

Acq: 10 Dec 2018 16:20

Instrument :

BNA_G

ClientSampleId :

CB-1206-S-TCLP-GRID

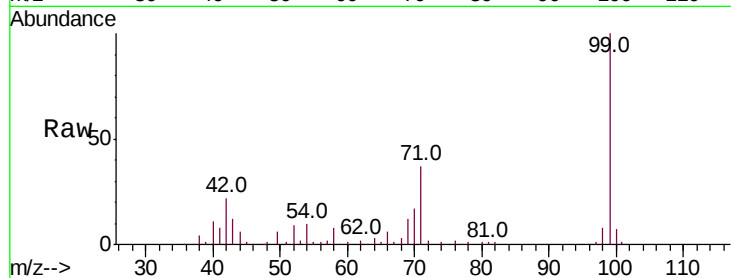
Tot Ion: 99 Resp: 228045

Ion Ratio Lower Upper

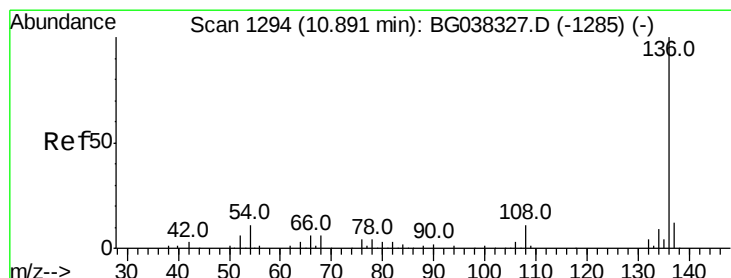
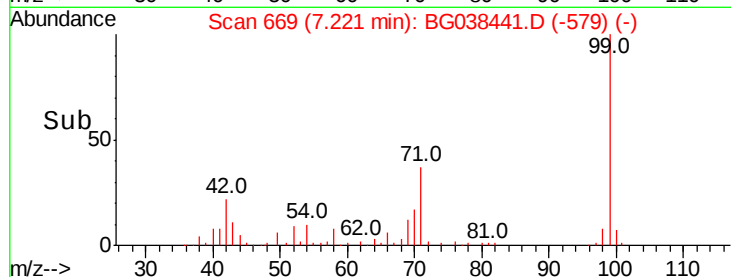
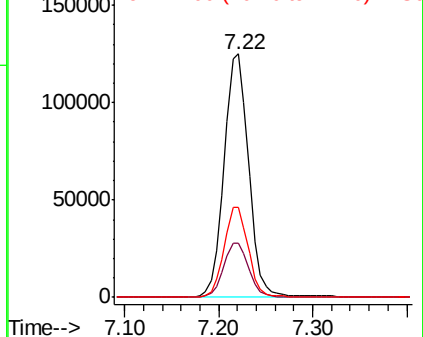
99 100

42 22.3 15.0 22.4

71 37.1 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: 10.89 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BG038441.D

Acq: 10 Dec 2018 16:20

Tgt Ion: 136 Resp: 102213

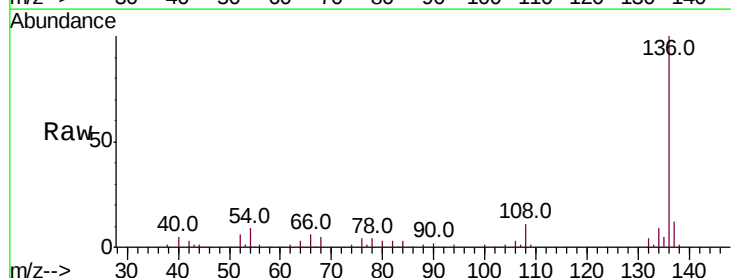
Ion Ratio Lower Upper

136 100

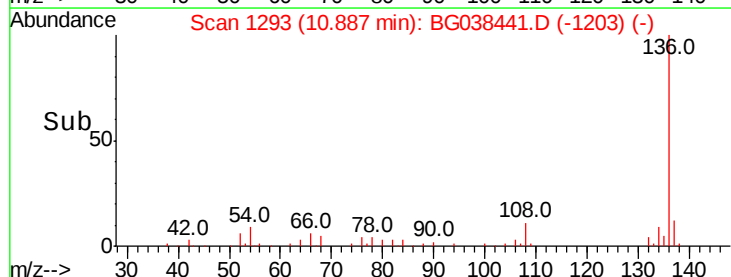
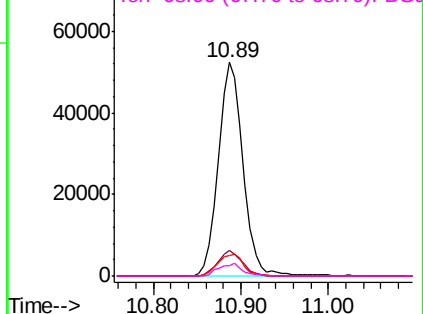
137 12.0 9.6 14.4

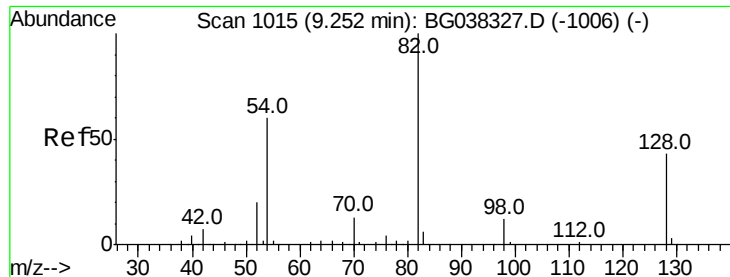
54 9.4 7.9 11.9

68 5.1 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

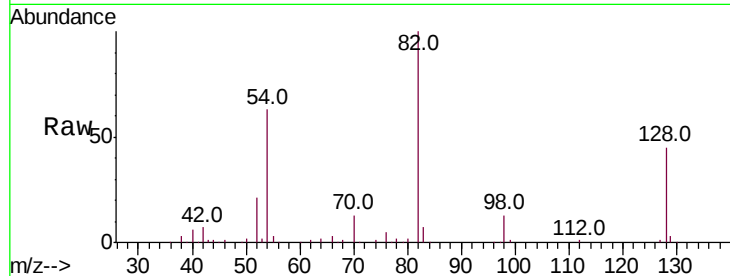




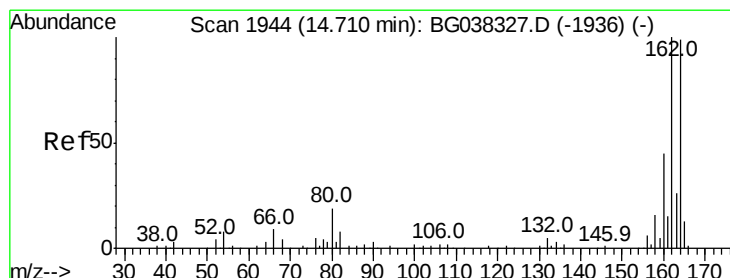
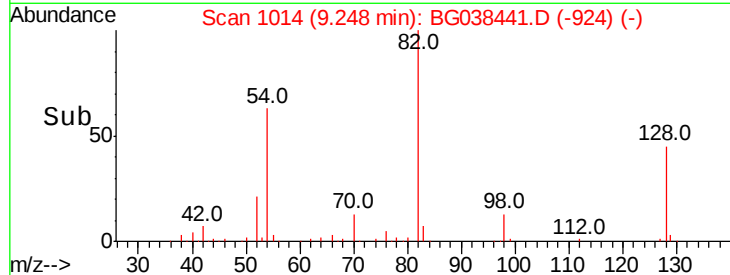
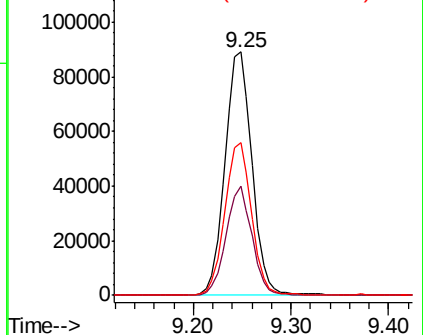
#23
 Nitrobenzene-d5
 Concen: 83.227 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BG038441.D
 Acq: 10 Dec 2018 16:20

Instrument :
 BNA_G
 ClientSampleId :
 CB-1206-S-TCLP-GRID

Tot Ion: 82 Resp: 171344
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.6 51.8
 54 62.7 45.3 67.9

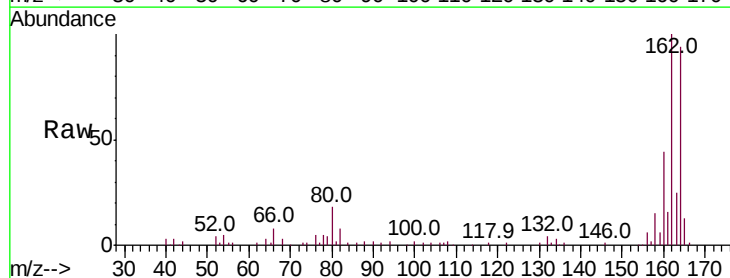


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

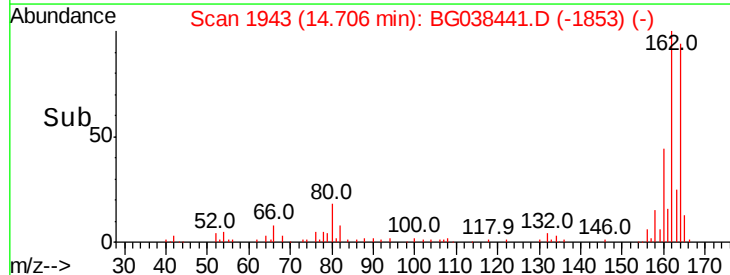
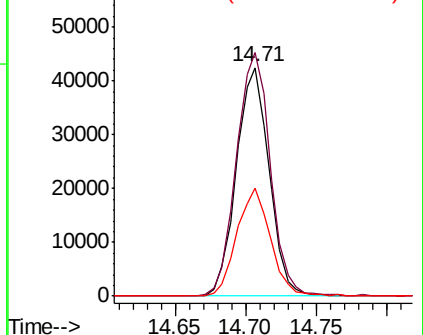


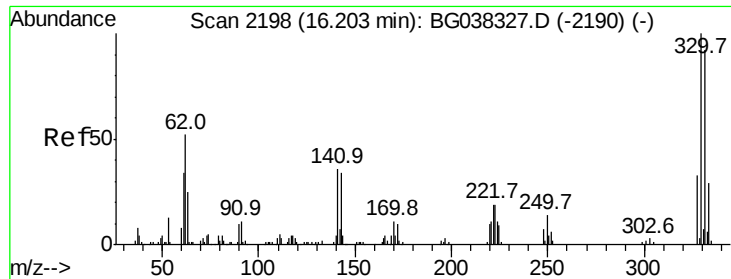
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: BG038441.D
 Acq: 10 Dec 2018 16:20

Tgt Ion: 164 Resp: 68979
 Ion Ratio Lower Upper
 164 100
 162 106.6 81.3 121.9
 160 47.2 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 154.823 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038441.D

Acq: 10 Dec 2018 16:20

Instrument :

BNA_G

ClientSampleId :

CB-1206-S-TCLP-GRID

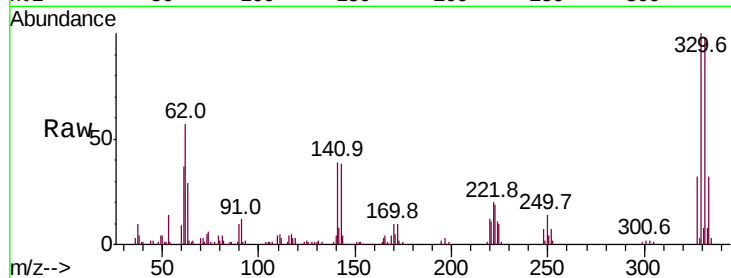
Tot Ion:330 Resp: 131104

Ion Ratio Lower Upper

330 100

332 95.1 78.4 117.6

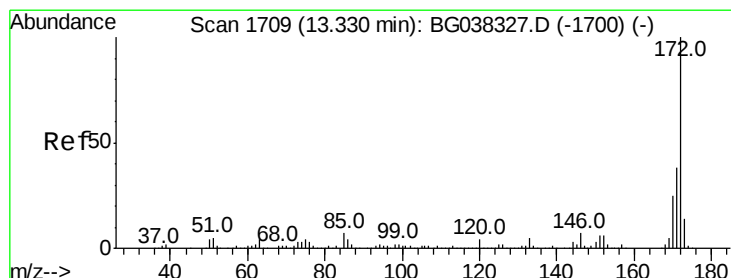
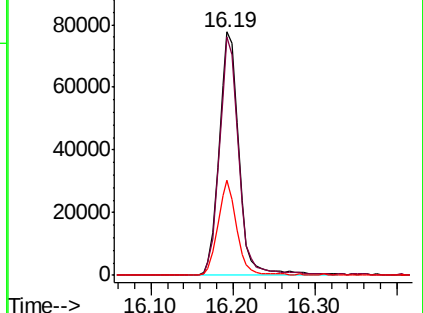
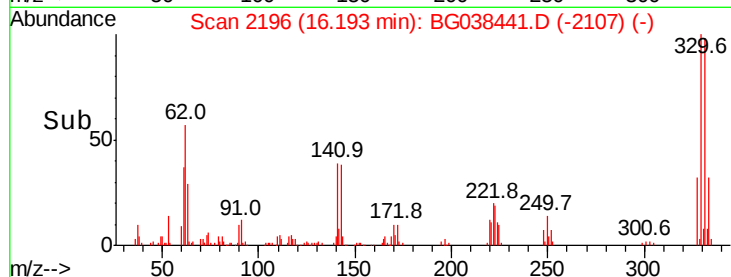
141 36.8 32.2 48.2



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: 86.710 ng

RT: 13.33 min Scan# 1708

Delta R.T. -0.00 min

Lab File: BG038441.D

Acq: 10 Dec 2018 16:20

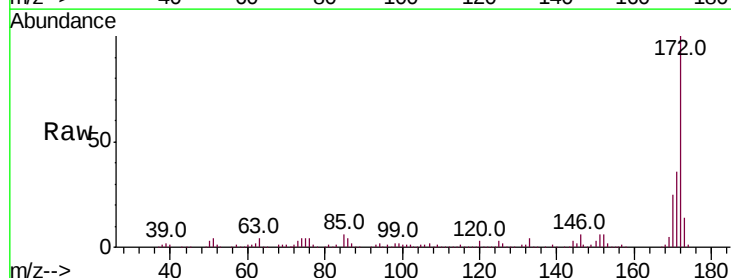
Tgt Ion:172 Resp: 419755

Ion Ratio Lower Upper

172 100

171 35.9 31.0 46.4

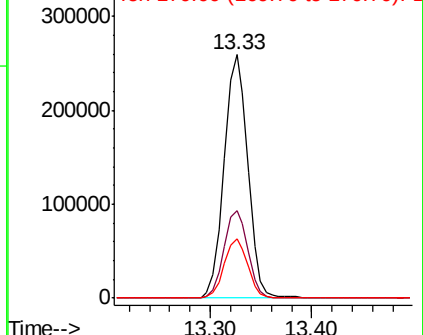
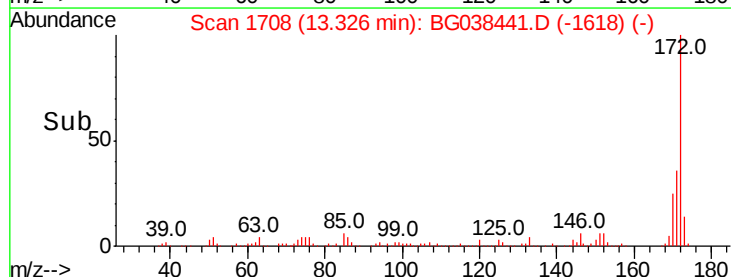
170 24.5 20.2 30.2

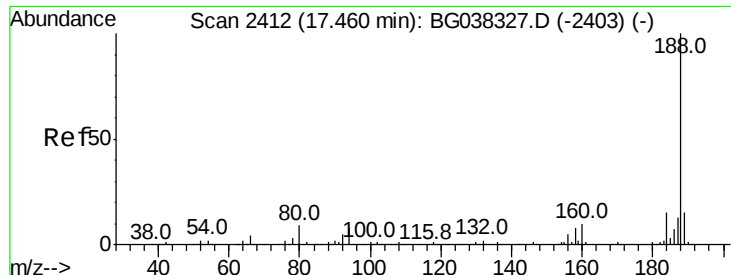


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

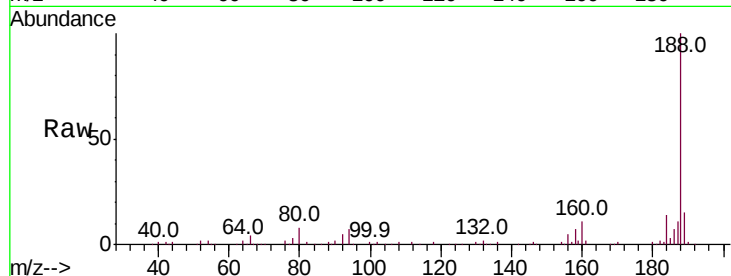




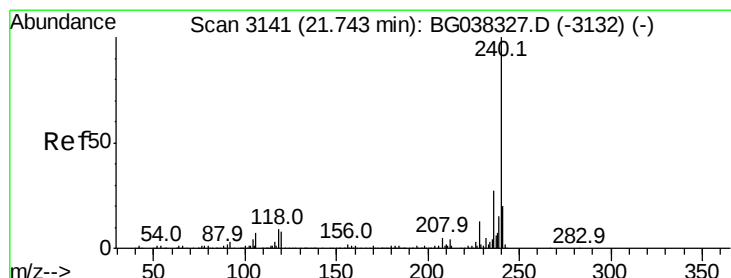
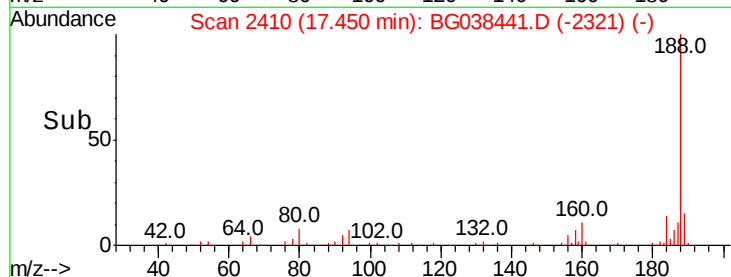
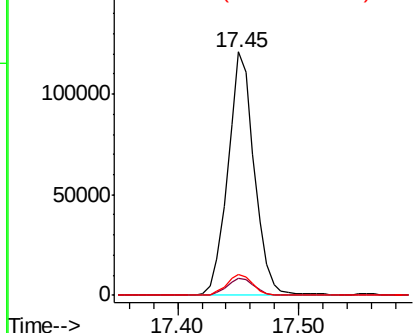
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG038441.D
Acq: 10 Dec 2018 16:20

Instrument :
BNA_G
ClientSampleId :
CB-1206-S-TCLP-GRID

Tot Ion:188 Resp: 183263
Ion Ratio Lower Upper
188 100
94 7.0 7.2 10.8#
80 8.3 7.7 11.5

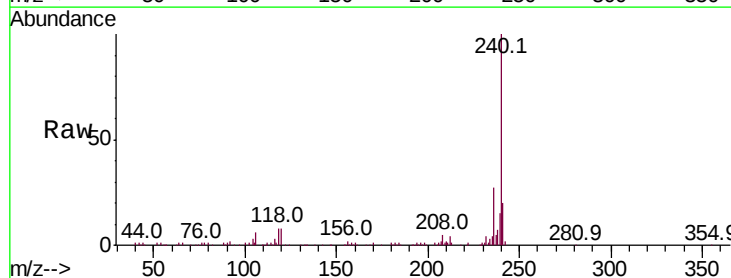


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

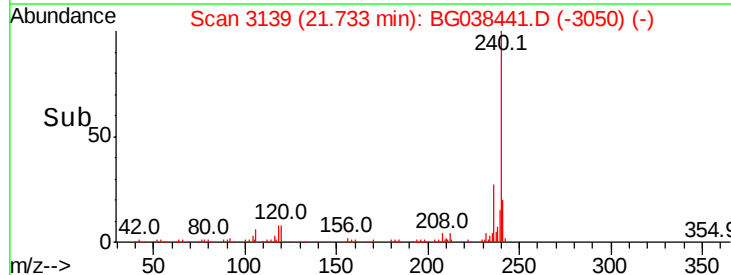
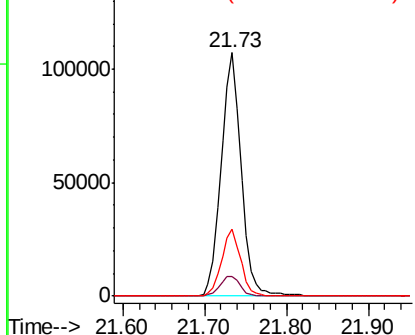


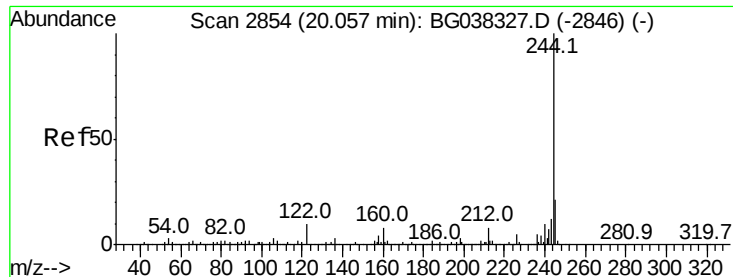
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038441.D
Acq: 10 Dec 2018 16:20

Tgt Ion:240 Resp: 182533
Ion Ratio Lower Upper
240 100
120 8.2 8.1 12.1
236 27.4 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: 97.743 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038441.D

Acq: 10 Dec 2018 16:20

Instrument :

BNA_G

ClientSampleId :

CB-1206-S-TCLP-GRID

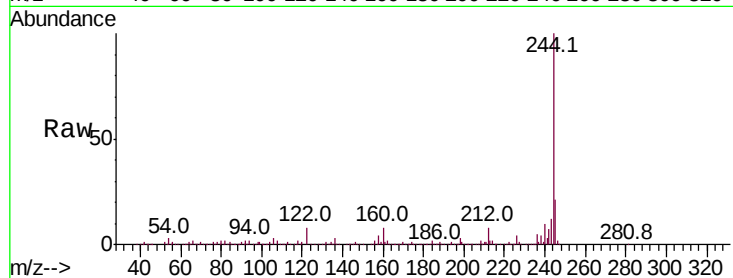
Tot Ion:244 Resp: 832832

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

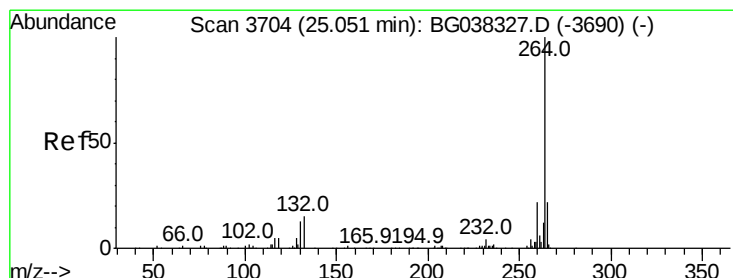
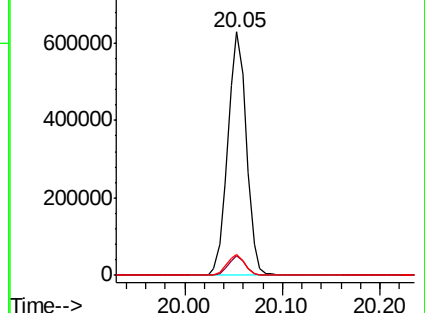
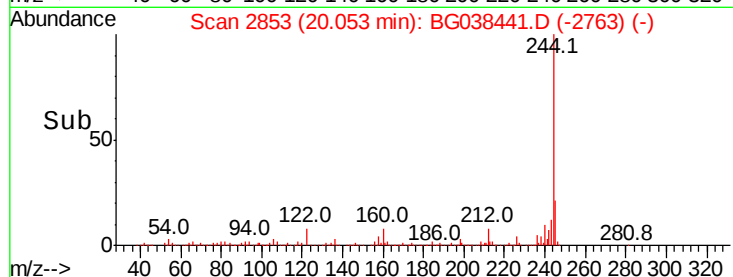
122 8.5 9.0 13.4#



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: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038441.D

Acq: 10 Dec 2018 16:20

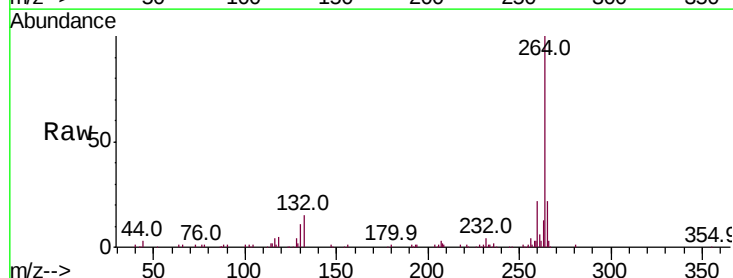
Tgt Ion:264 Resp: 182642

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.4

265 22.1 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

