

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112118\
 Data File : BG038128.D
 Acq On : 21 Nov 2018 22:13
 Operator : JU/SJ
 Sample : J5768-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-112018

Quant Time: Nov 22 01:41:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	46221	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	204741	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	133897	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	307945	20.00	ng	0.00
76) Chrysene-d12	21.75	240	295172	20.00	ng	0.00
87) Perylene-d12	25.08	264	259725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	286561	107.04	ng	0.00
7) Phenol-d6	7.23	99	377882	98.89	ng	0.00
23) Nitrobenzene-d5	9.26	82	287872	75.27	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	145690	95.41	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	644299	70.10	ng	0.00
79) Terphenyl-d14	20.07	244	1058327	84.37	ng	0.00

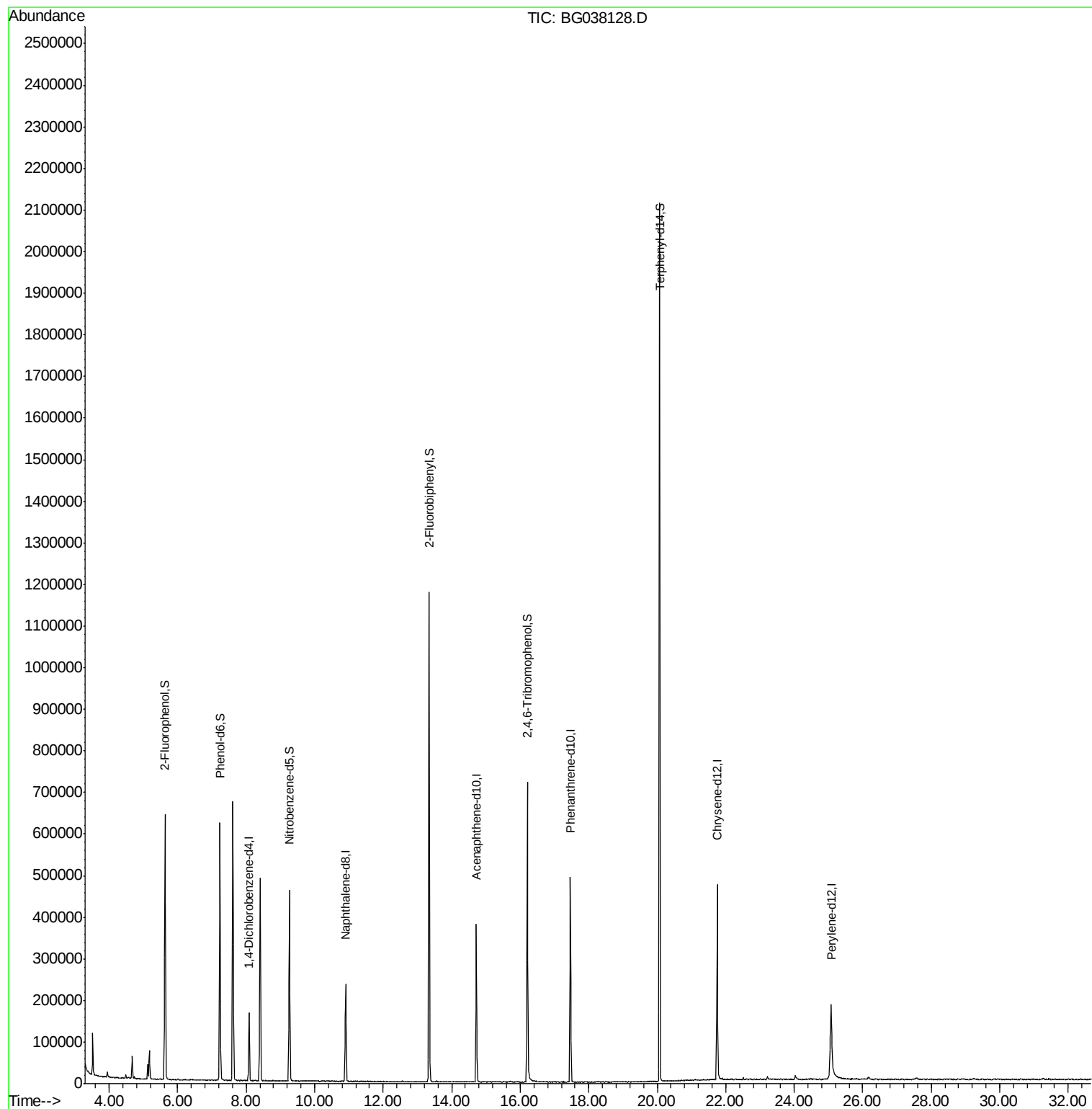
Target Compounds Qvalue

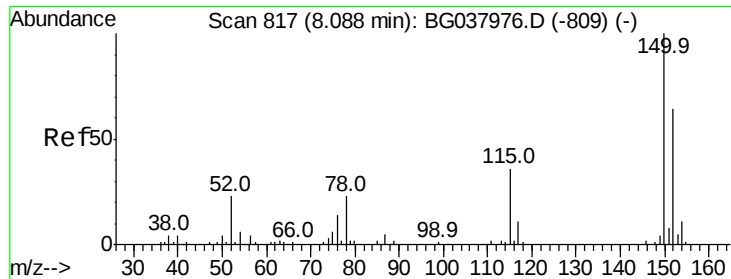
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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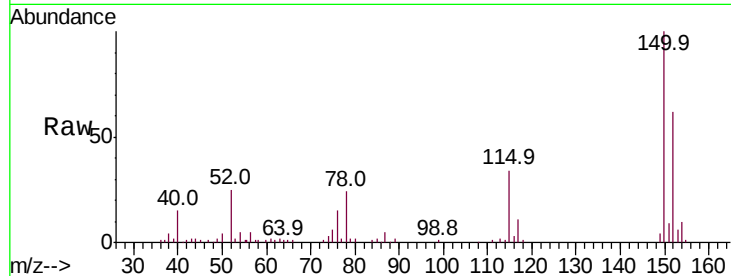


#1

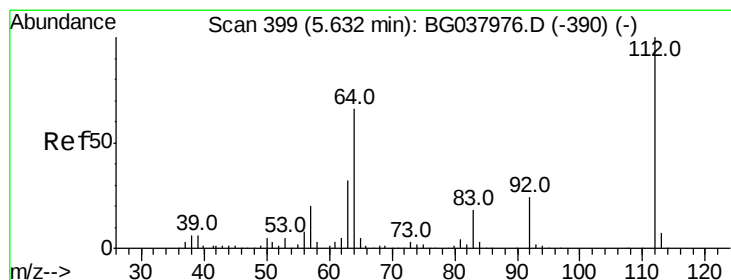
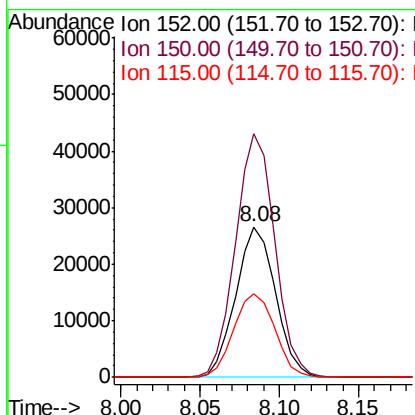
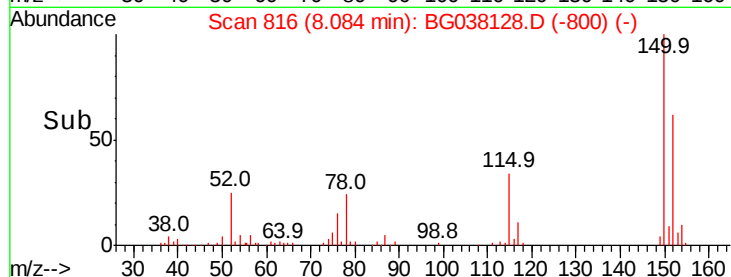
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038128.D
Acq: 21 Nov 2018 22:13

Instrument :
BNA_G
ClientSampleId :
OK-03-112018

Tot Ion:152 Resp: 46221
Ion Ratio Lower Upper
152 100
150 161.8 126.0 189.0
115 55.7 45.5 68.3



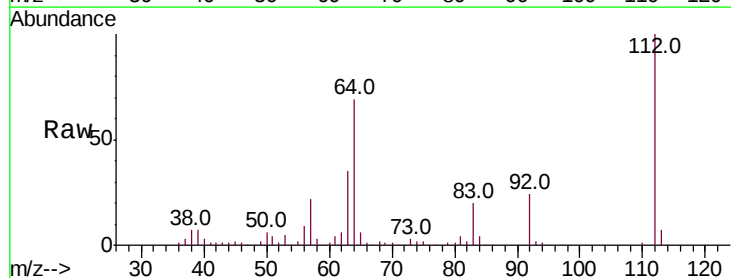
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



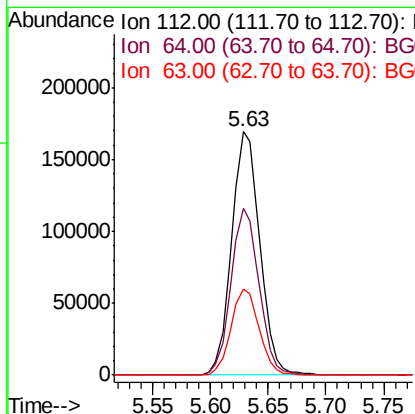
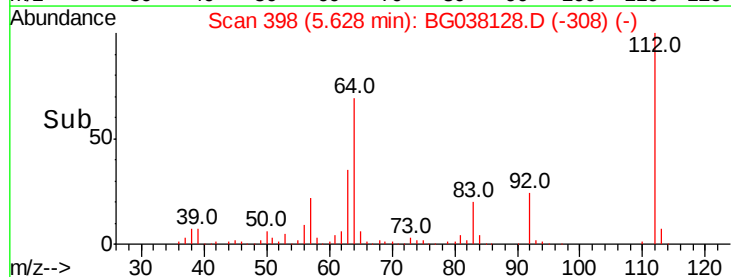
#5

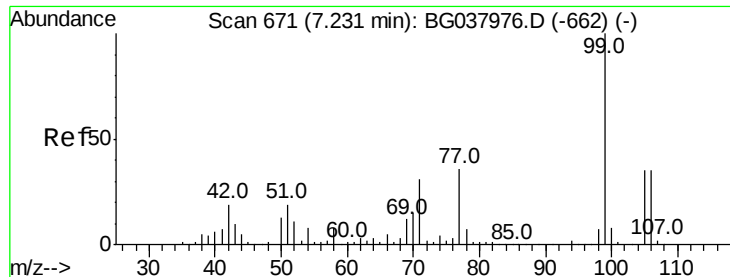
2-Fluorophenol
Concen: 107.044 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038128.D
Acq: 21 Nov 2018 22:13

Tgt Ion:112 Resp: 286561
Ion Ratio Lower Upper
112 100
64 68.6 53.1 79.7
63 35.3 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: 98.888 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038128.D

Acq: 21 Nov 2018 22:13

Instrument :

BNA_G

ClientSampleId :

OK-03-112018

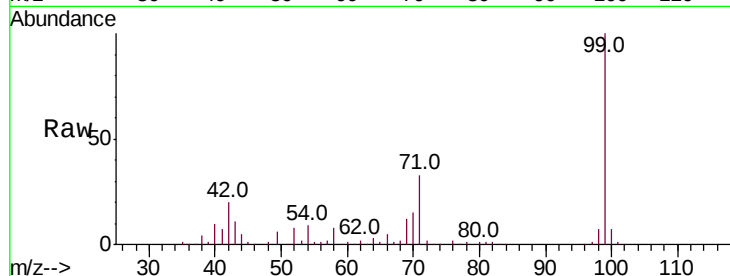
Tot Ion: 99 Resp: 377882

Ion Ratio Lower Upper

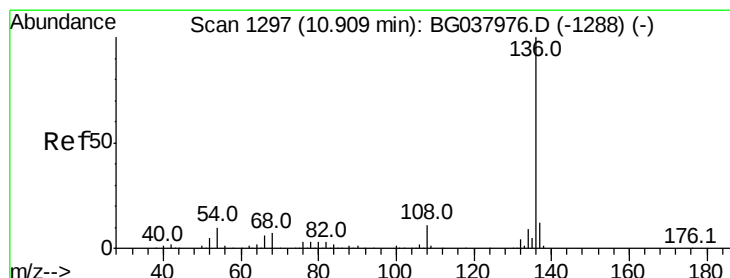
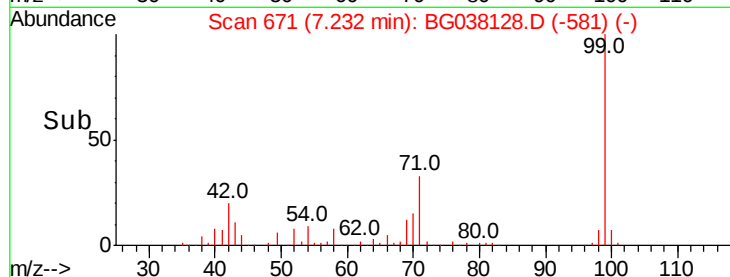
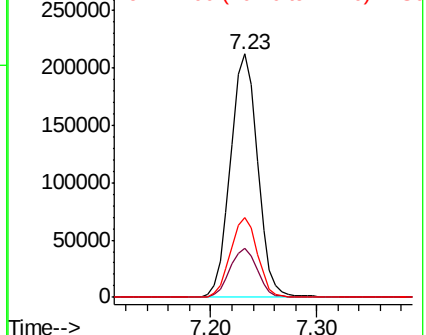
99 100

42 19.9 15.0 22.4

71 32.6 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: 10.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038128.D

Acq: 21 Nov 2018 22:13

Tgt Ion: 136 Resp: 204741

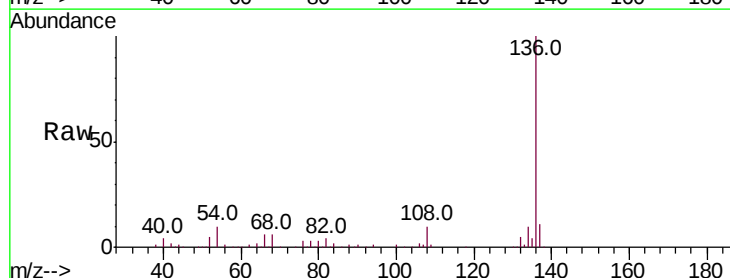
Ion Ratio Lower Upper

136 100

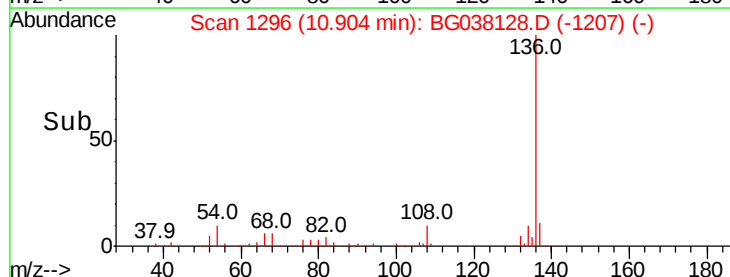
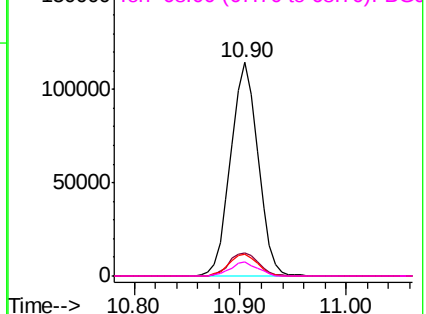
137 10.8 9.6 14.4

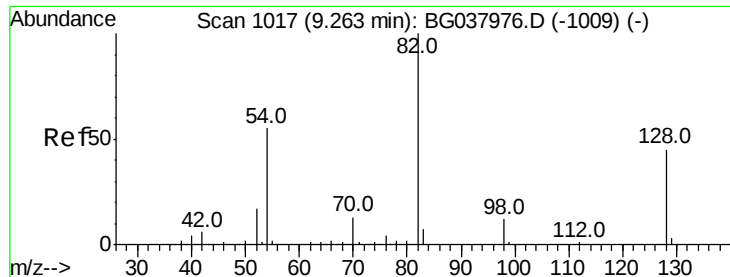
54 10.2 7.9 11.9

68 6.5 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 75.265 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG038128.D

Acq: 21 Nov 2018 22:13

Instrument :

BNA_G

ClientSampleId :

OK-03-112018

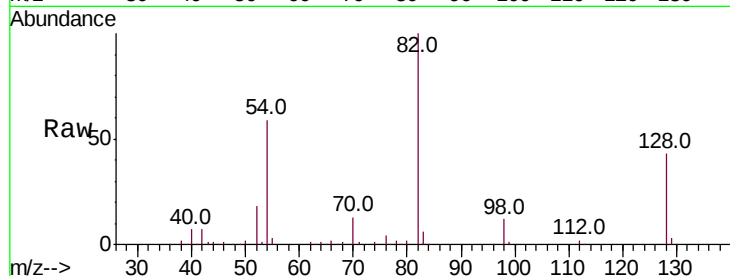
Tot Ion: 82 Resp: 287872

Ion Ratio Lower Upper

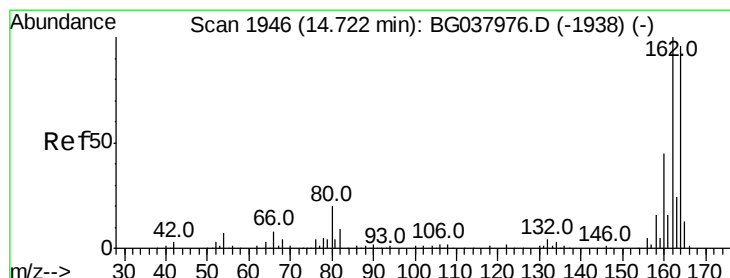
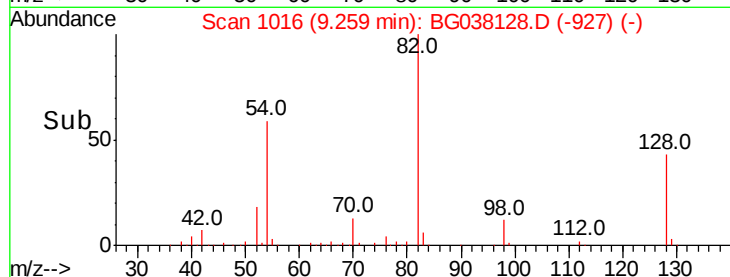
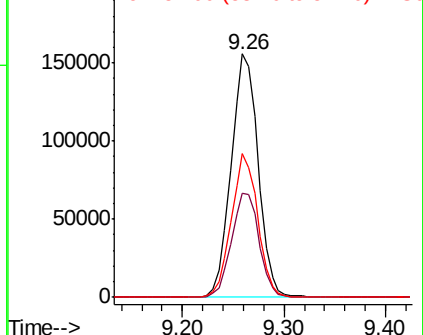
82 100

128 42.6 34.6 51.8

54 58.9 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: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038128.D

Acq: 21 Nov 2018 22:13

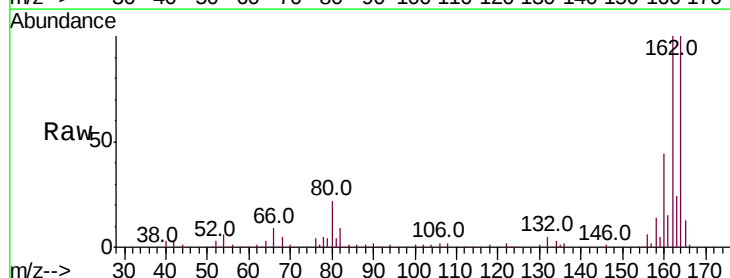
Tgt Ion:164 Resp: 133897

Ion Ratio Lower Upper

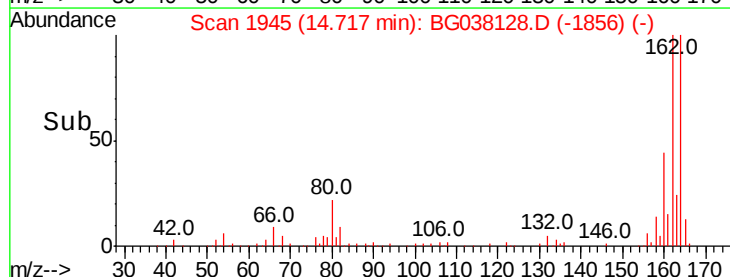
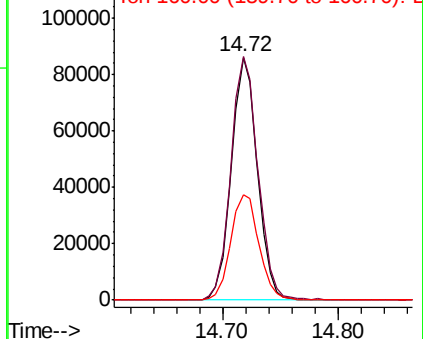
164 100

162 100.5 81.3 121.9

160 43.7 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

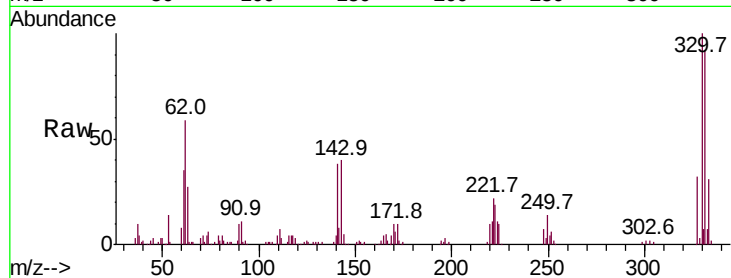




#42
 2,4,6-Tribromophenol
 Concen: 95.405 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG038128.D
 Acq: 21 Nov 2018 22:13

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-112018

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.4	117.6
141	40.2	32.2	48.2

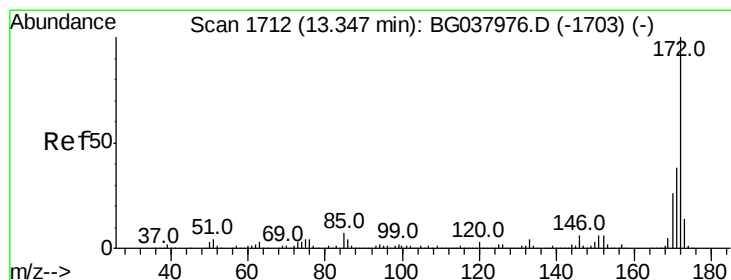
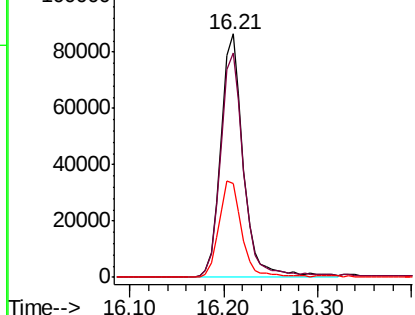
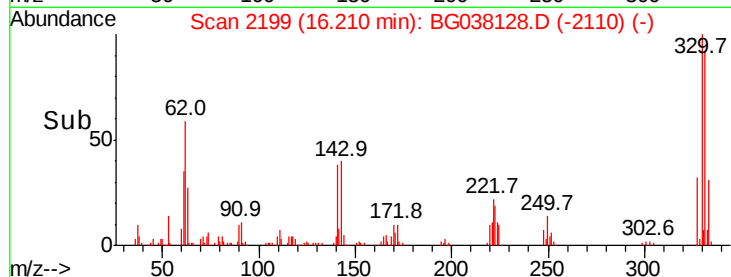


Abundance

Ion 329.80 (329.50 to 330.50): E

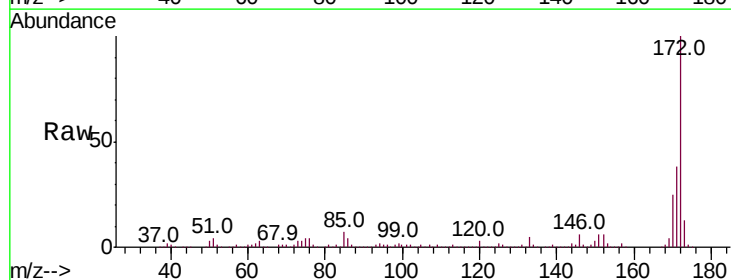
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 70.102 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038128.D
 Acq: 21 Nov 2018 22:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	24.7	20.2	30.2

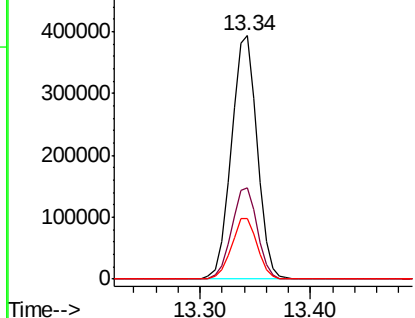
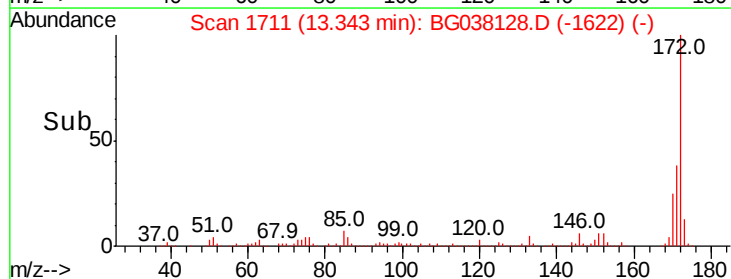


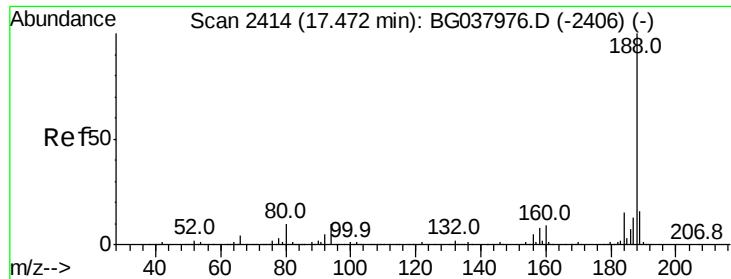
Abundance

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: 17.47 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG038128.D

Acq: 21 Nov 2018 22:13

Instrument :

BNA_G

ClientSampleId :

OK-03-112018

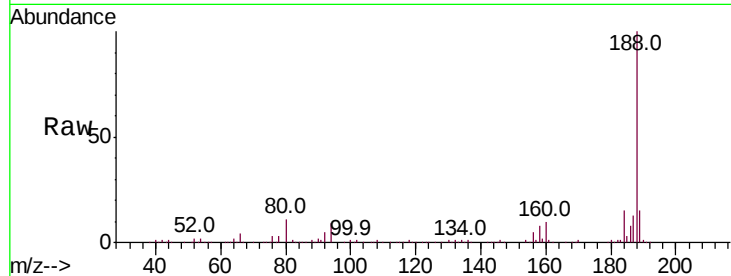
Tot Ion:188 Resp: 307945

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

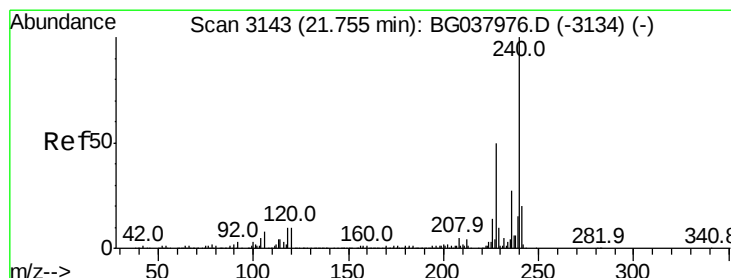
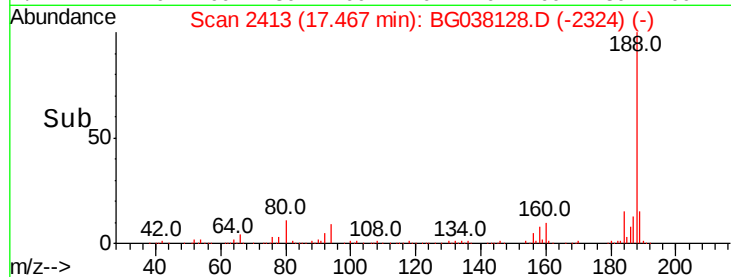
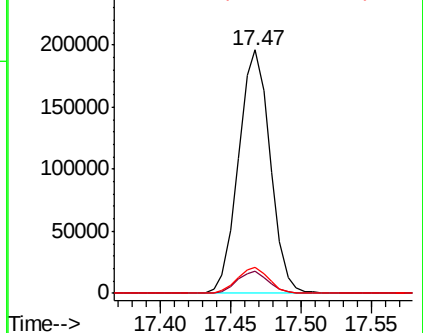
80 10.6 7.7 11.5



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: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG038128.D

Acq: 21 Nov 2018 22:13

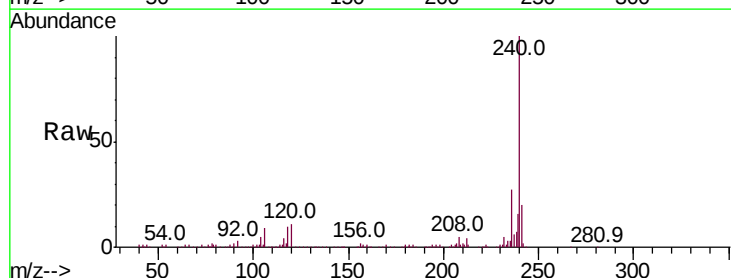
Tgt Ion:240 Resp: 295172

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

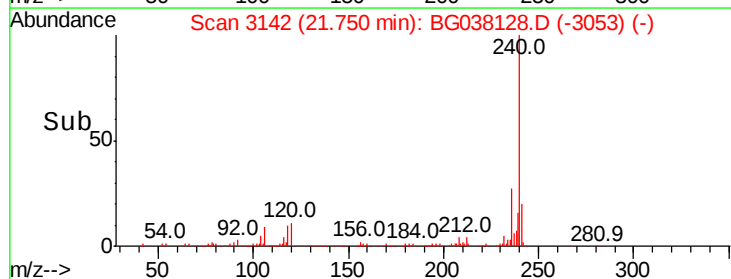
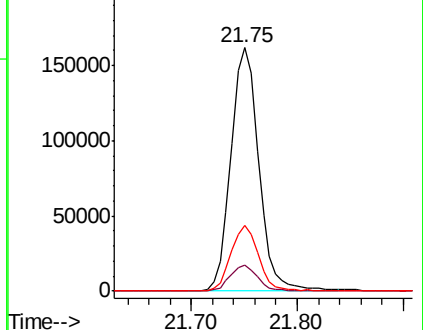
236 26.8 21.4 32.0

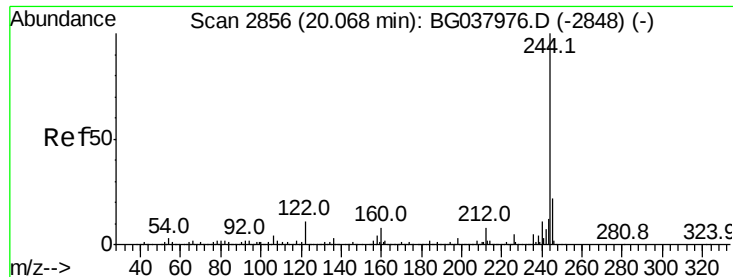


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.366 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038128.D

Acq: 21 Nov 2018 22:13

Instrument :

BNA_G

ClientSampleId :

OK-03-112018

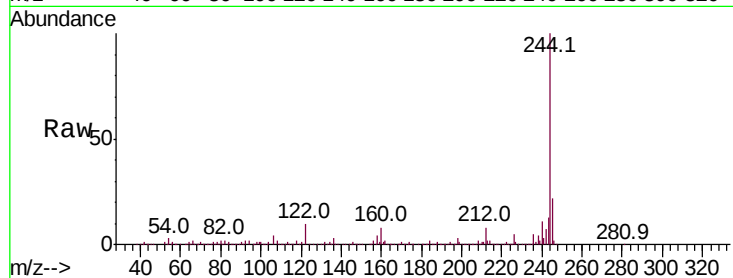
Tot Ion:244 Resp: 1058327

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

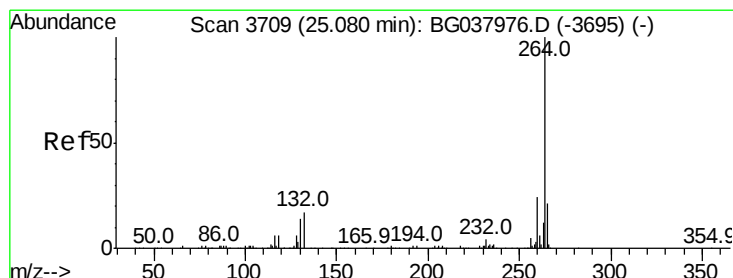
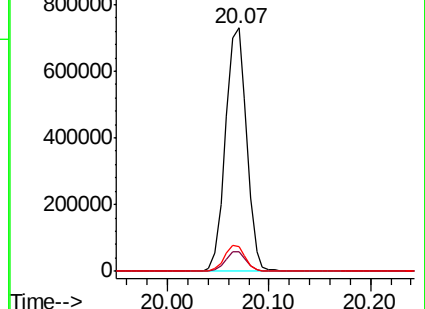
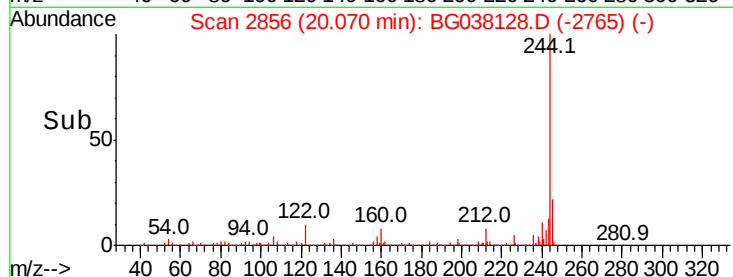
122 10.3 9.0 13.4



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: 25.08 min Scan# 3708

Delta R.T. -0.00 min

Lab File: BG038128.D

Acq: 21 Nov 2018 22:13

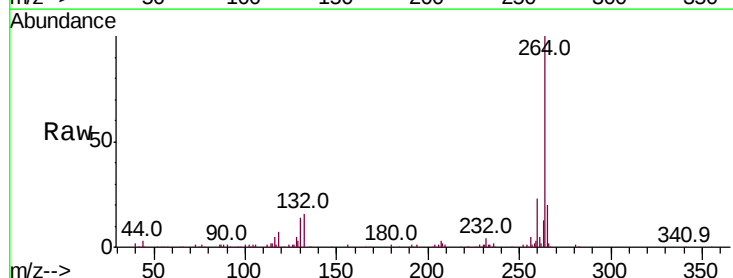
Tgt Ion:264 Resp: 259725

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 20.2 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

