

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112918\
 Data File : BG038240.D
 Acq On : 29 Nov 2018 19:41
 Operator : JU/SJ
 Sample : J5767-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-112818-A

Quant Time: Nov 30 00:38:42 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	33779	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	145649	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	92921	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	207594	20.00	ng	0.00
76) Chrysene-d12	21.75	240	197110	20.00	ng	0.00
87) Perylene-d12	25.08	264	158270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	225369	115.19	ng	0.00
7) Phenol-d6	7.23	99	290099	103.88	ng	0.00
23) Nitrobenzene-d5	9.26	82	236472	86.91	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	86974	82.07	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	527201	82.66	ng	-0.01
79) Terphenyl-d14	20.06	244	826226	98.63	ng	0.00

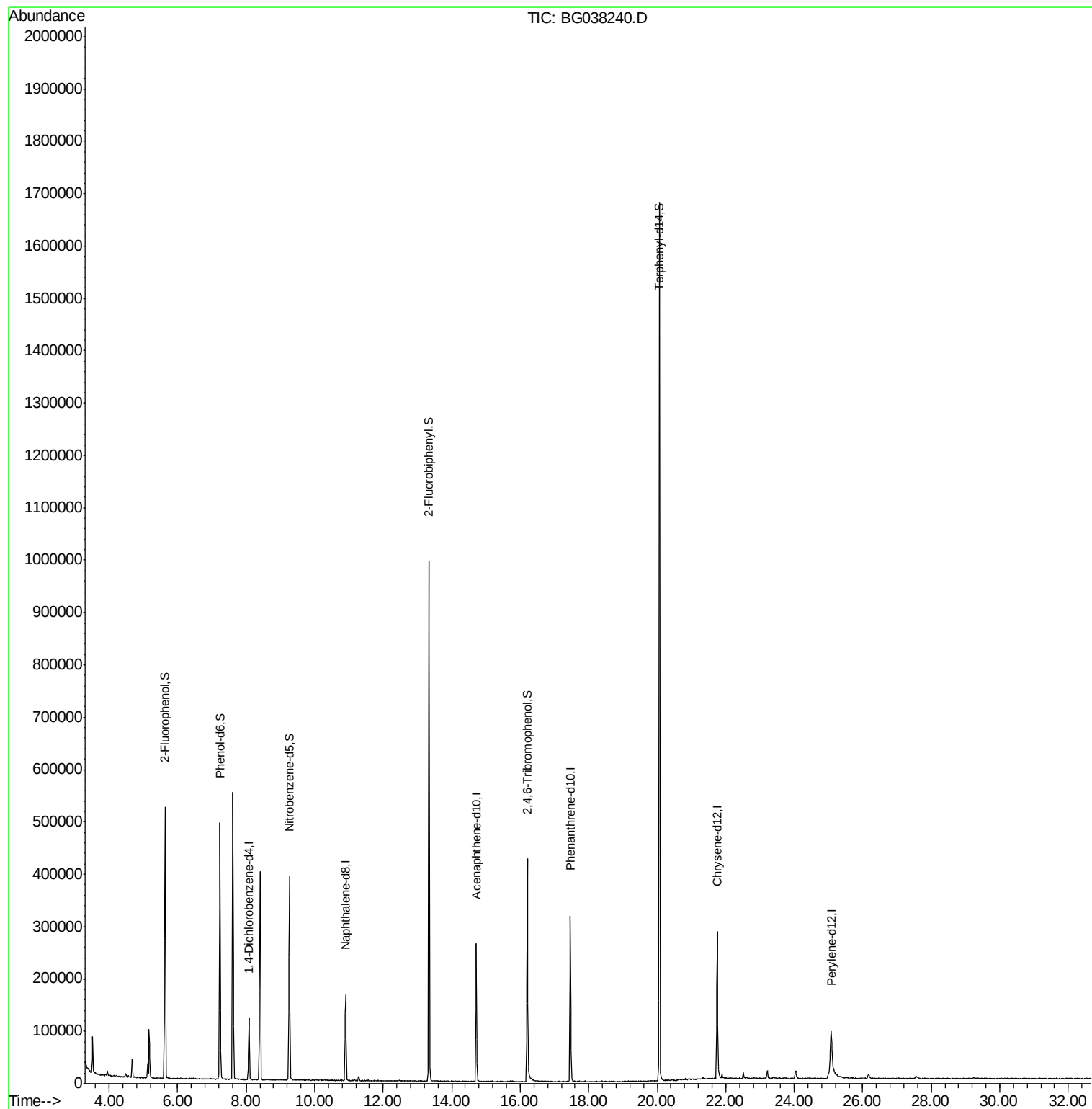
Target Compounds Qvalue

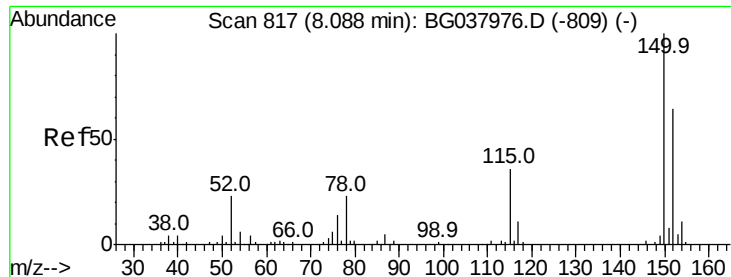
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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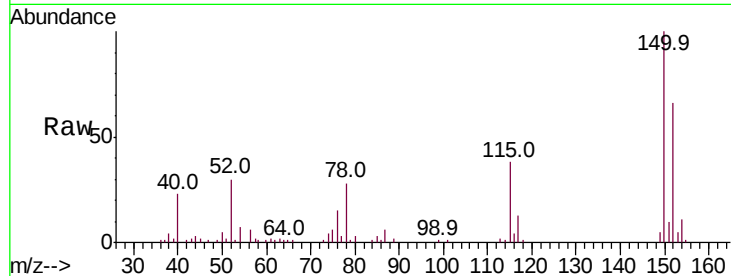


#1

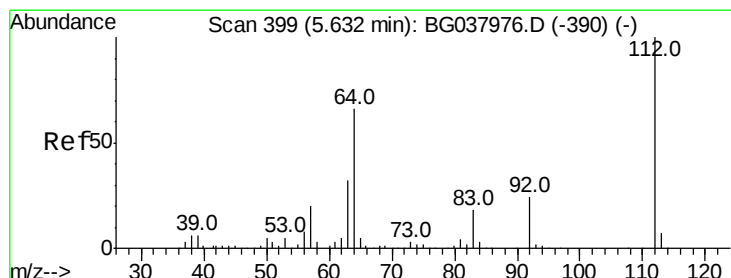
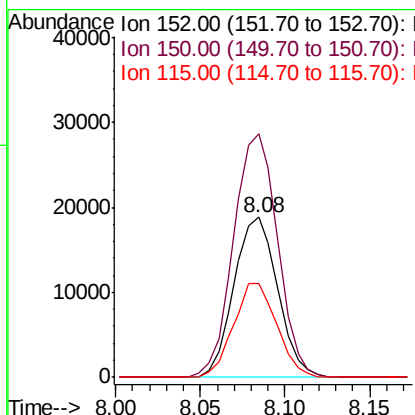
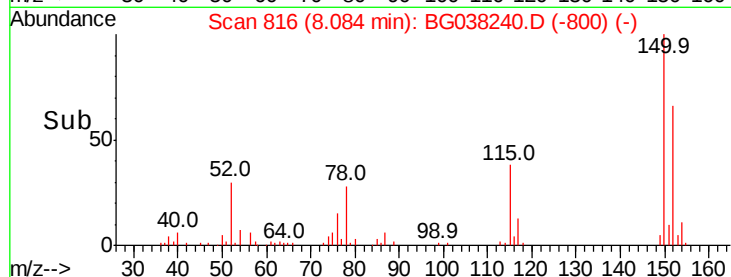
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG038240.D
 Acq: 29 Nov 2018 19:41

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-112818-A

Tot Ion:152 Resp: 33779
 Ion Ratio Lower Upper
 152 100
 150 151.9 126.0 189.0
 115 58.3 45.5 68.3



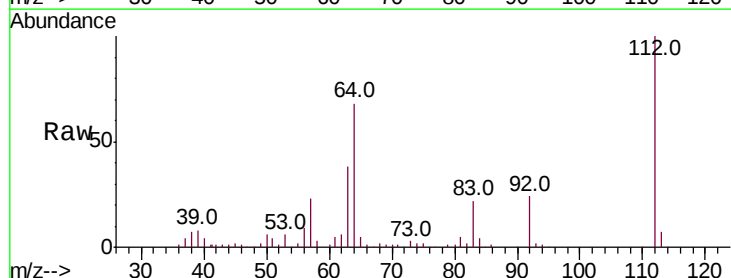
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



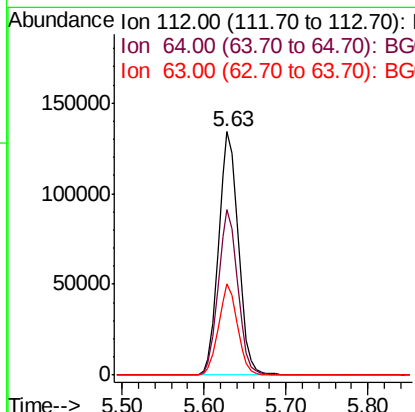
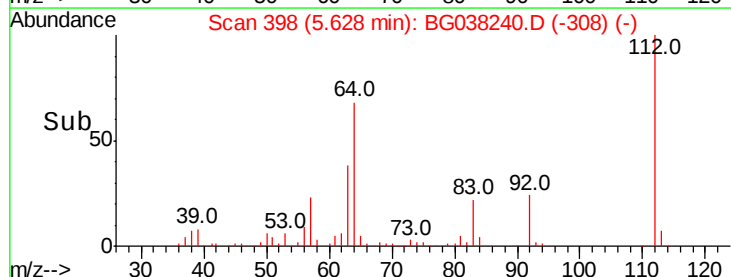
#5

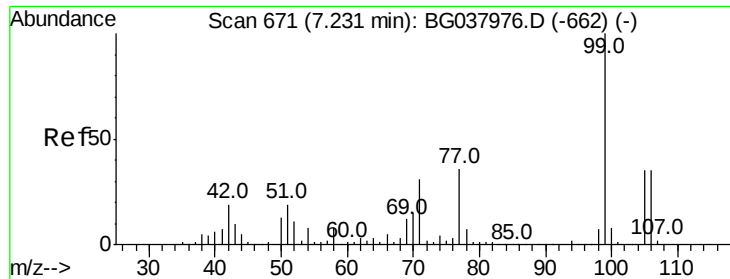
2-Fluorophenol
 Concen: 115.194 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BG038240.D
 Acq: 29 Nov 2018 19:41

Tgt Ion:112 Resp: 225369
 Ion Ratio Lower Upper
 112 100
 64 68.1 53.1 79.7
 63 37.7 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: 103.878 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038240.D

Acq: 29 Nov 2018 19:41

Instrument :

BNA_G

ClientSampleId :

CL-02-112818-A

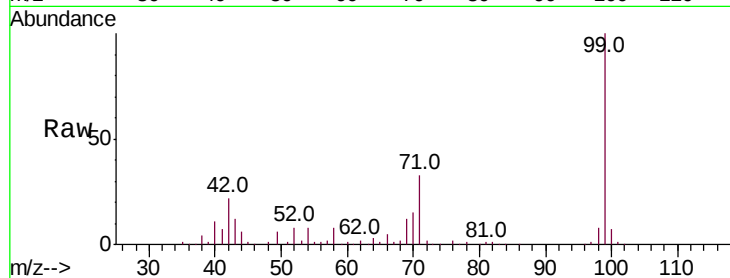
Tot Ion: 99 Resp: 290099

Ion Ratio Lower Upper

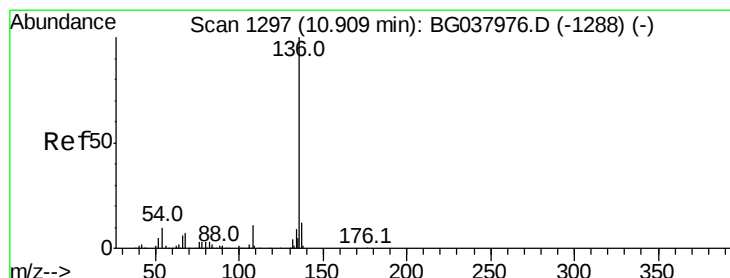
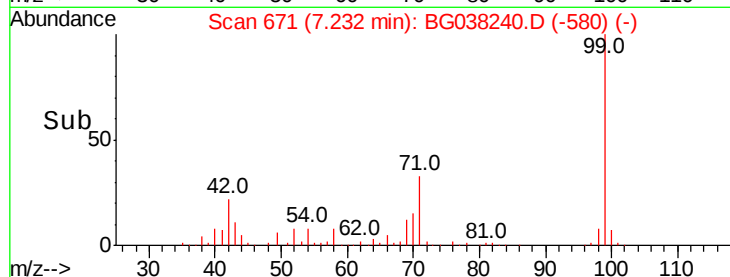
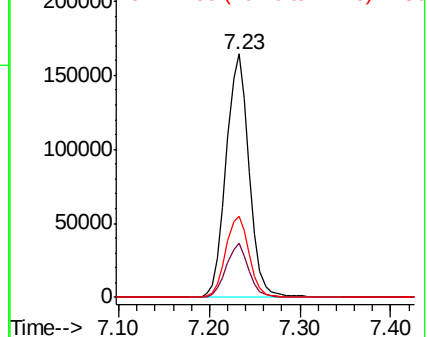
99 100

42 22.0 15.0 22.4

71 33.1 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: 10.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038240.D

Acq: 29 Nov 2018 19:41

Tgt Ion: 136 Resp: 145649

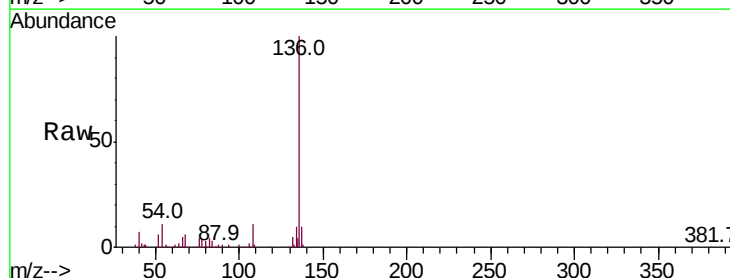
Ion Ratio Lower Upper

136 100

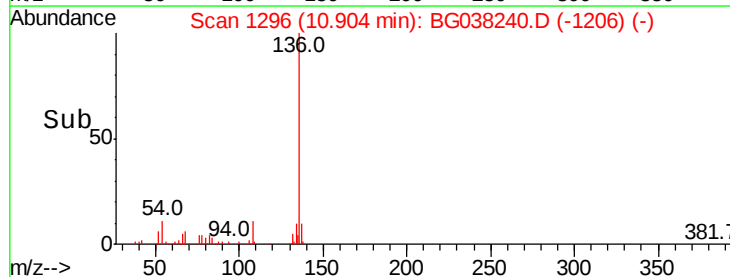
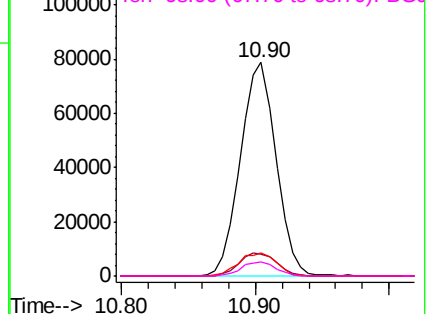
137 10.4 9.6 14.4

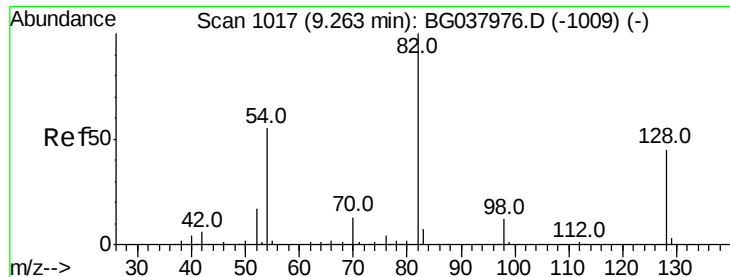
54 10.7 7.9 11.9

68 6.3 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: 86.911 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG038240.D

Acq: 29 Nov 2018 19:41

Instrument :

BNA_G

ClientSampleId :

CL-02-112818-A

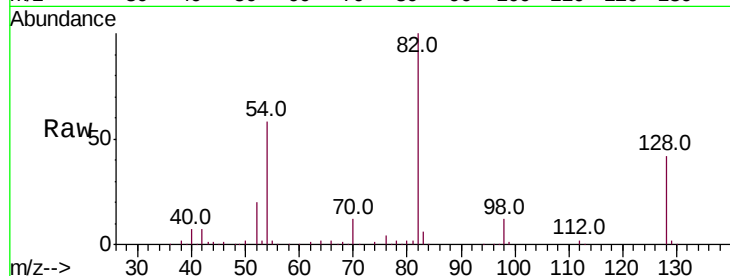
Tot Ion: 82 Resp: 236472

Ion Ratio Lower Upper

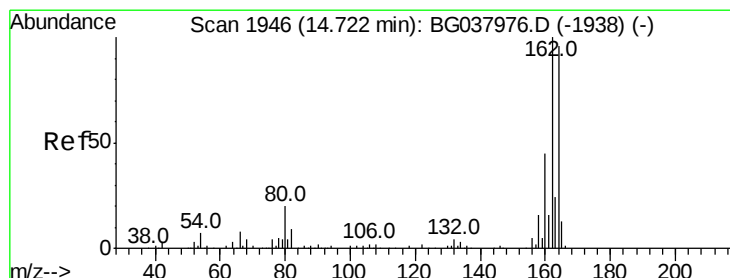
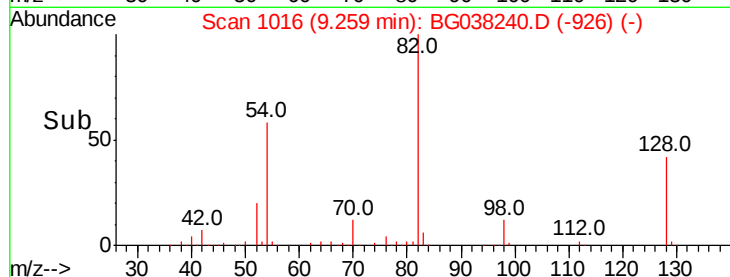
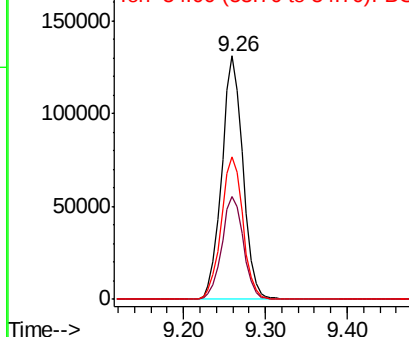
82 100

128 42.2 34.6 51.8

54 58.4 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: BG038240.D

Acq: 29 Nov 2018 19:41

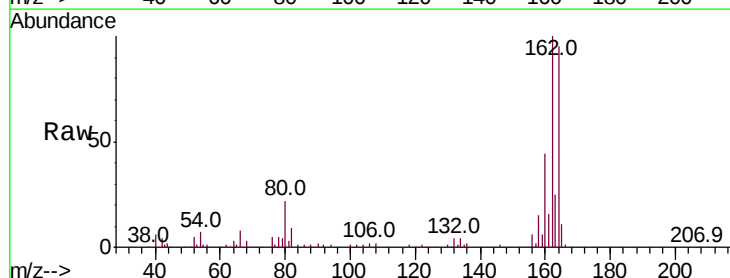
Tgt Ion: 164 Resp: 92921

Ion Ratio Lower Upper

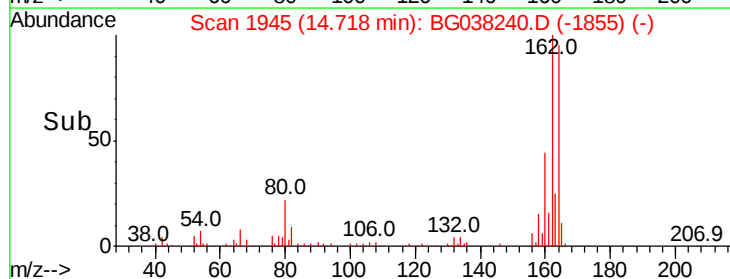
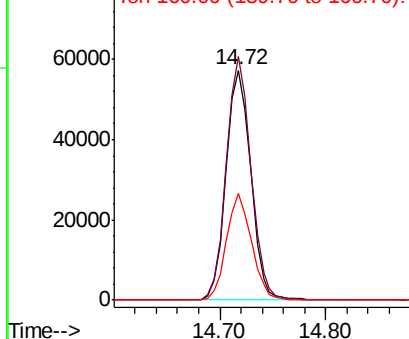
164 100

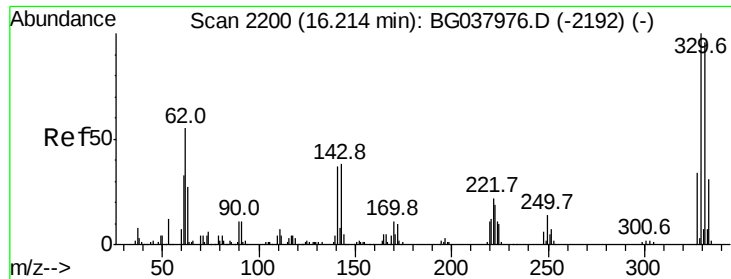
162 105.8 81.3 121.9

160 46.5 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

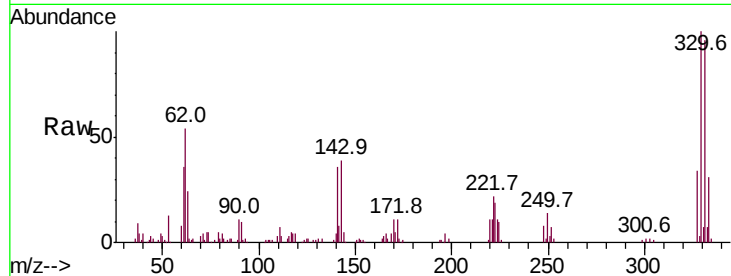




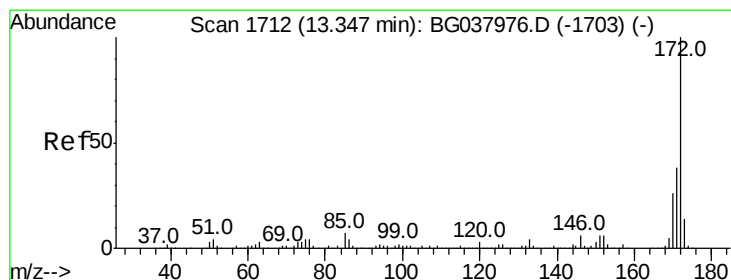
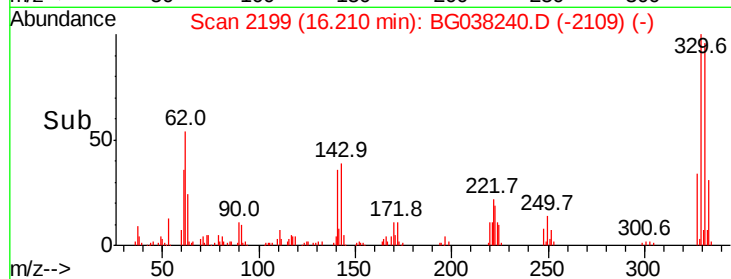
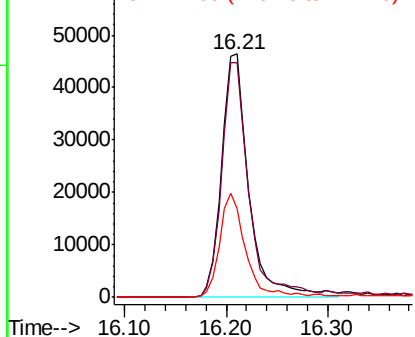
#42
 2,4,6-Tribromophenol
 Concen: 82.071 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG038240.D
 Acq: 29 Nov 2018 19:41

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-112818-A

Tot Ion:330 Resp: 86974
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.4 117.6
 141 40.4 32.2 48.2

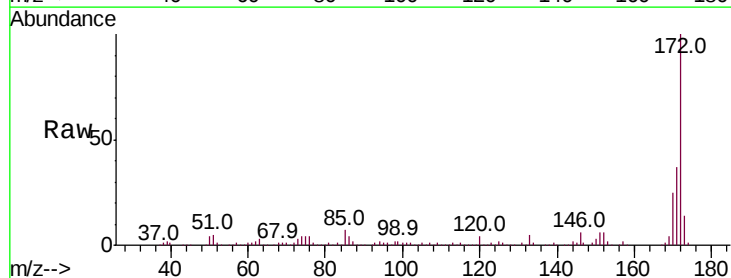


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

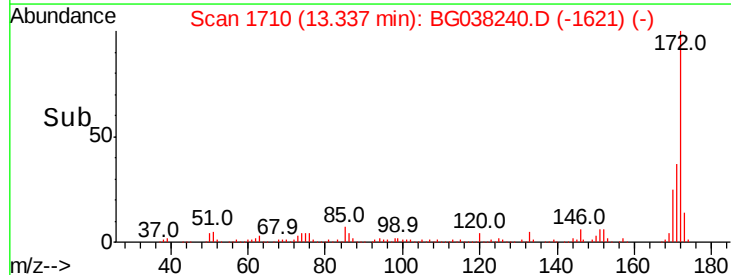
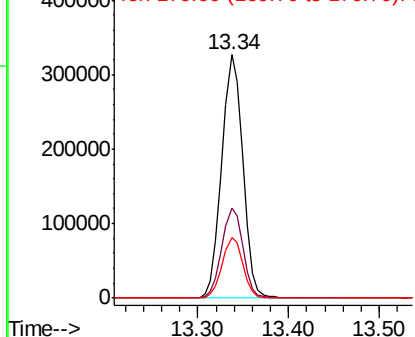


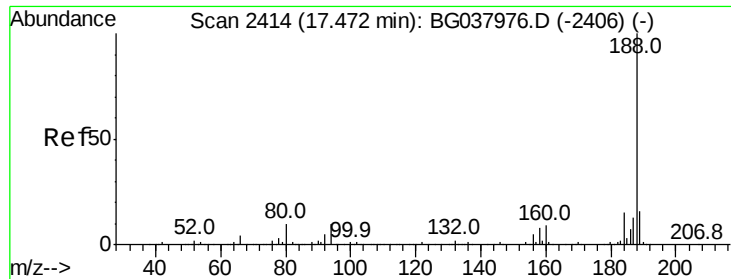
#45
 2-Fluorobiphenyl
 Concen: 82.657 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038240.D
 Acq: 29 Nov 2018 19:41

Tgt Ion:172 Resp: 527201
 Ion Ratio Lower Upper
 172 100
 171 37.0 31.0 46.4
 170 24.9 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

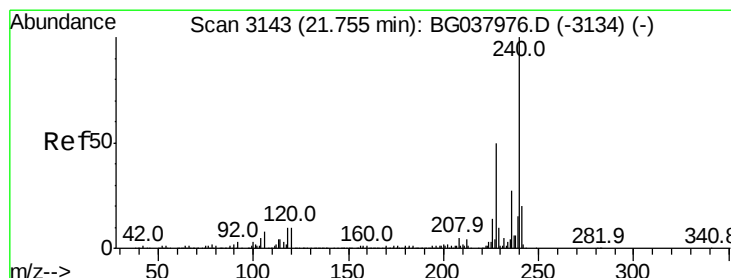
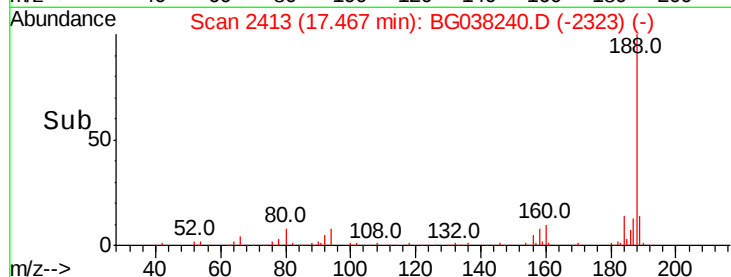
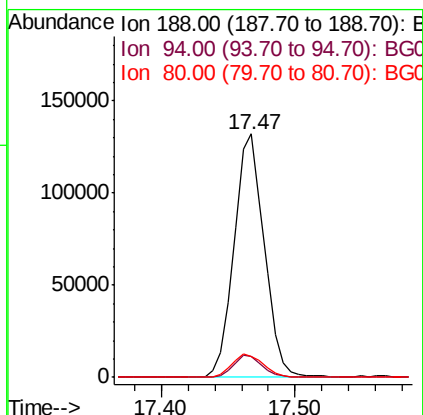
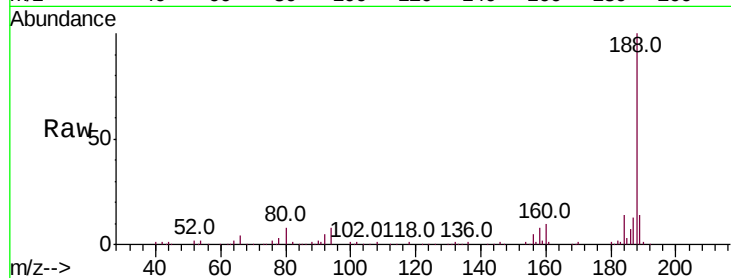




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038240.D
Acq: 29 Nov 2018 19:41

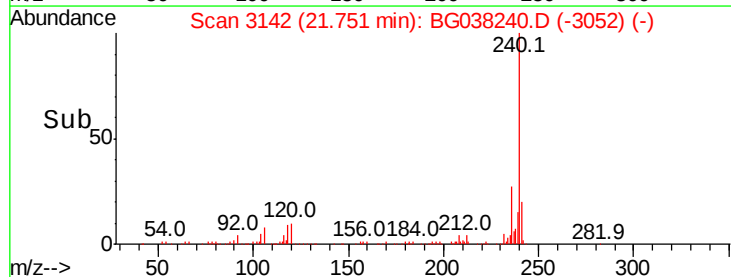
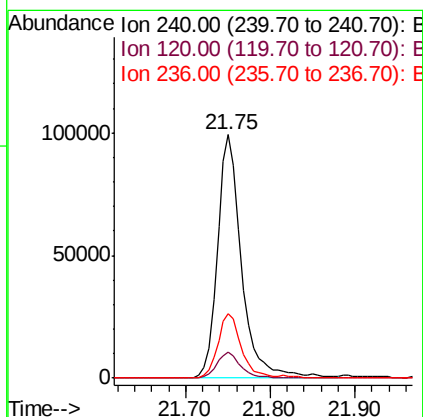
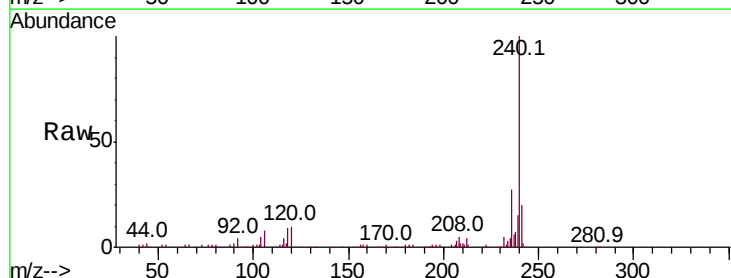
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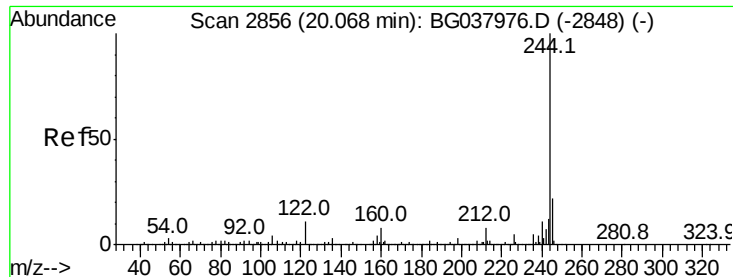
Tot Ion:188 Resp: 207594
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 8.5 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038240.D
Acq: 29 Nov 2018 19:41

Tgt Ion:240 Resp: 197110
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 26.7 21.4 32.0





#79

Terphenyl-d14

Concen: 98.631 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038240.D

Acq: 29 Nov 2018 19:41

Instrument :

BNA_G

ClientSampleId :

CL-02-112818-A

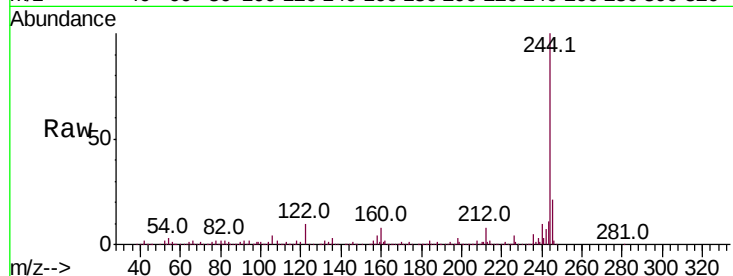
Tot Ion:244 Resp: 826226

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

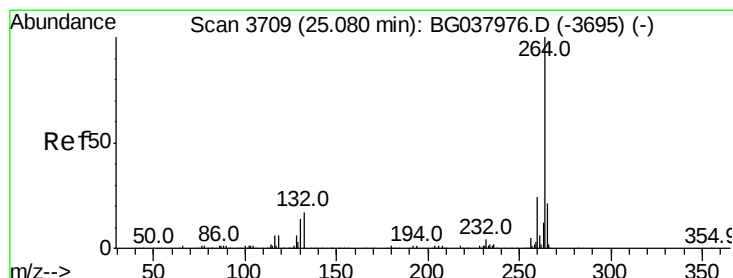
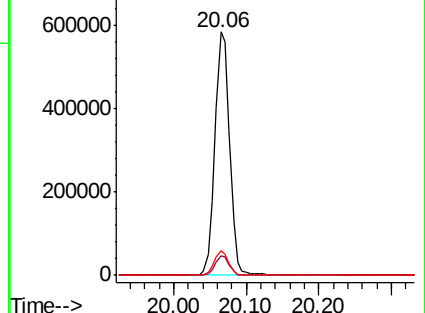
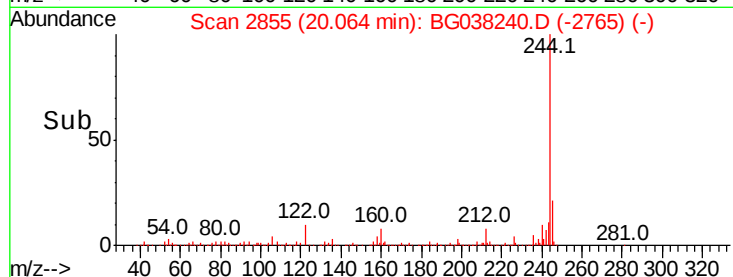
122 10.1 9.0 13.4



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: BG038240.D

Acq: 29 Nov 2018 19:41

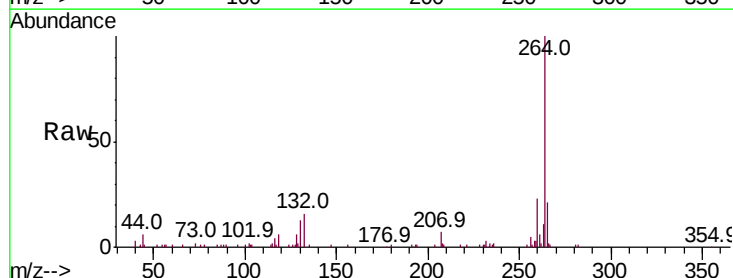
Tgt Ion:264 Resp: 158270

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 21.1 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

