

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
 Data File : BG038431.D
 Acq On : 8 Dec 2018 10:35
 Operator : JU/SJ
 Sample : J6019-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-120518

Quant Time: Dec 10 03:18:26 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	22867	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	122825	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	69370	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	178606	20.00	ng	0.00
76) Chrysene-d12	21.73	240	242070	20.00	ng	-0.01
87) Perylene-d12	25.03	264	245111	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	66457	51.43	ng	0.00
7) Phenol-d6	7.22	99	56970	30.50	ng	0.00
23) Nitrobenzene-d5	9.24	82	151331	61.17	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	107077	125.74	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	375307	77.09	ng	0.00
79) Terphenyl-d14	20.05	244	693693	61.39	ng	0.00

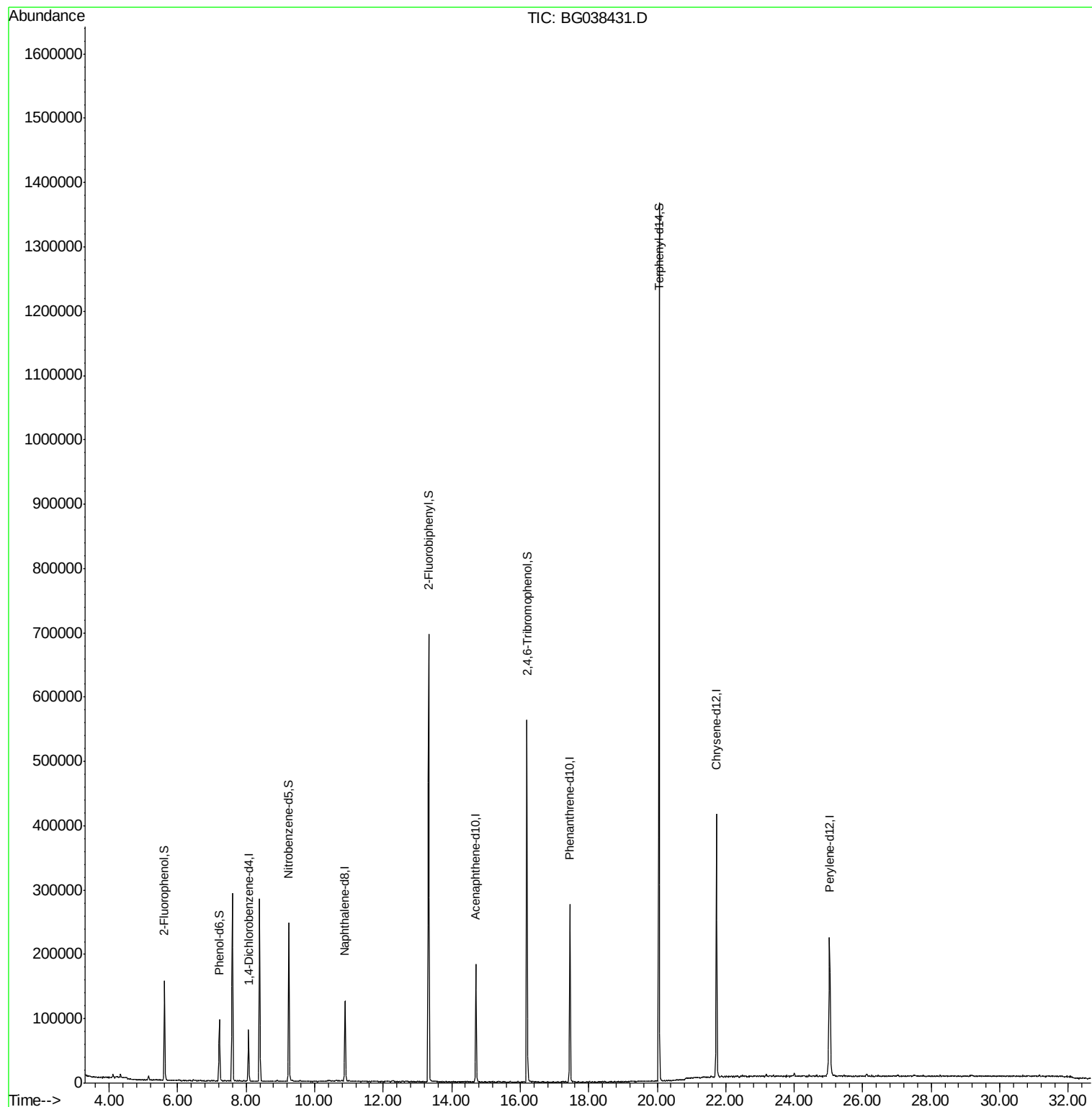
Target Compounds Qvalue

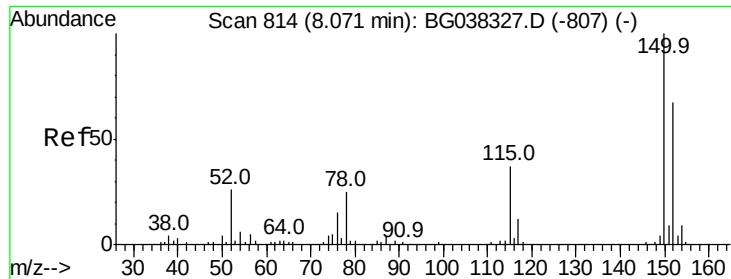
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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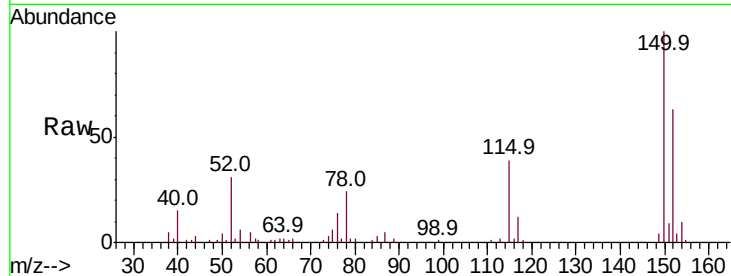


#1

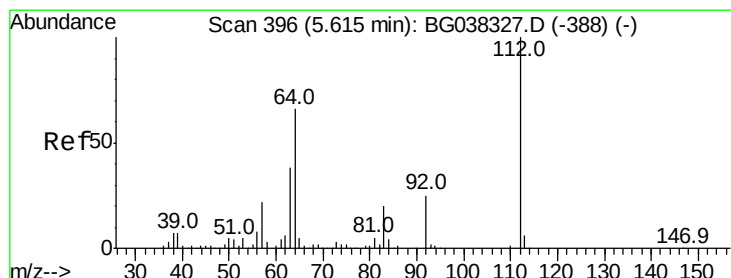
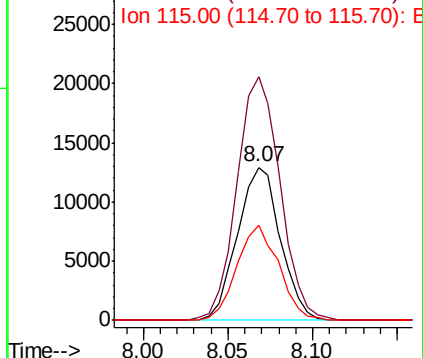
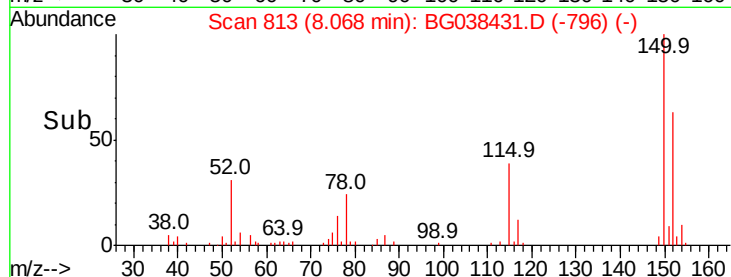
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038431.D
Acq: 8 Dec 2018 10:35

Instrument :
BNA_G
ClientSampleId :
FB-120518

Tot Ion:152 Resp: 22867
Ion Ratio Lower Upper
152 100
150 159.4 126.0 189.0
115 62.0 45.5 68.3



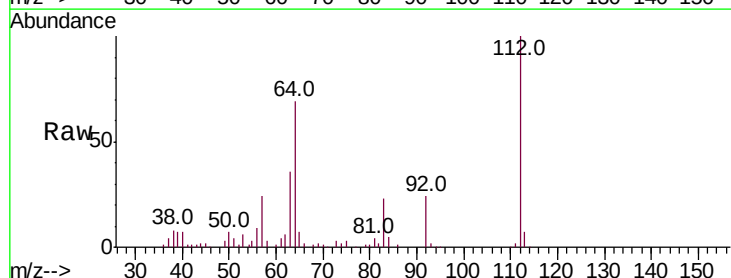
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



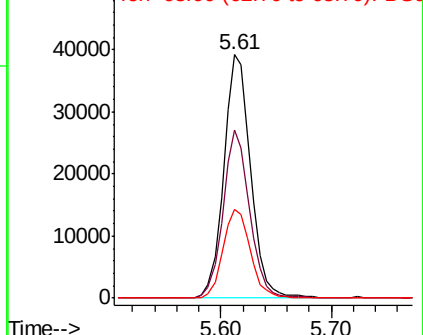
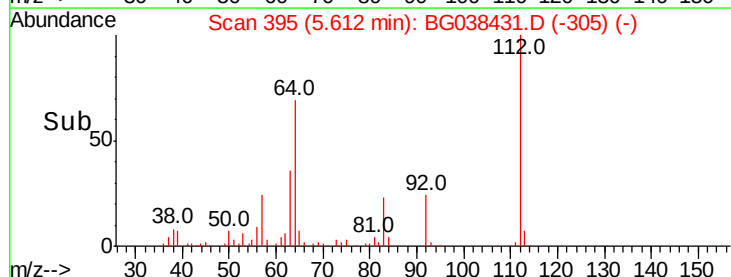
#5

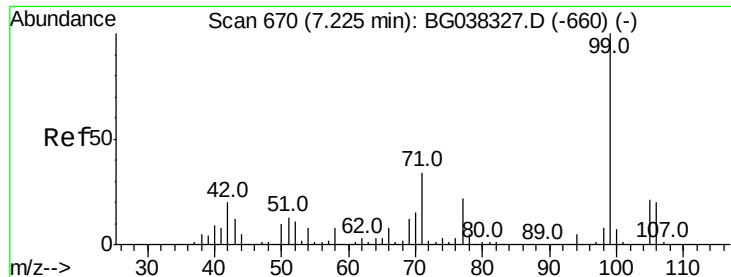
2-Fluorophenol
Concen: 51.430 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG038431.D
Acq: 8 Dec 2018 10:35

Tgt Ion:112 Resp: 66457
Ion Ratio Lower Upper
112 100
64 69.3 53.1 79.7
63 36.3 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: 30.504 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038431.D

Acq: 8 Dec 2018 10:35

Instrument :

BNA_G

ClientSampleId :

FB-120518

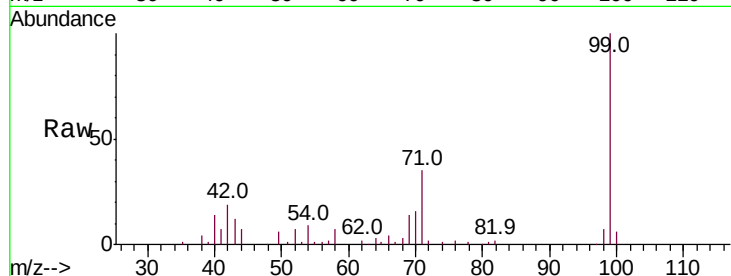
Tot Ion: 99 Resp: 56970

Ion Ratio Lower Upper

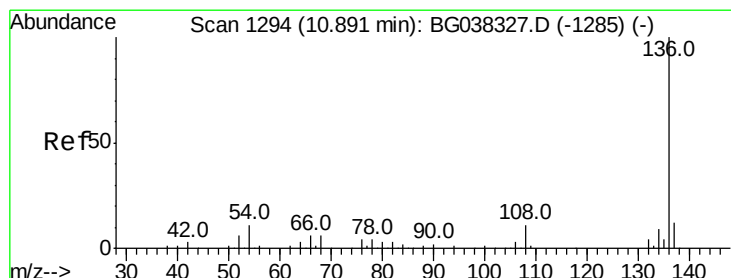
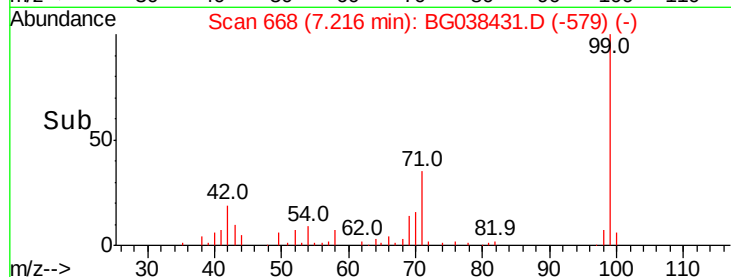
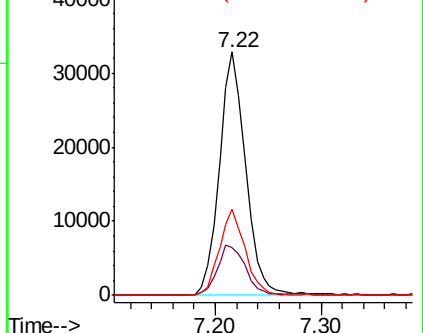
99 100

42 19.5 15.0 22.4

71 35.3 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: 10.88 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BG038431.D

Acq: 8 Dec 2018 10:35

Tgt Ion: 136 Resp: 122825

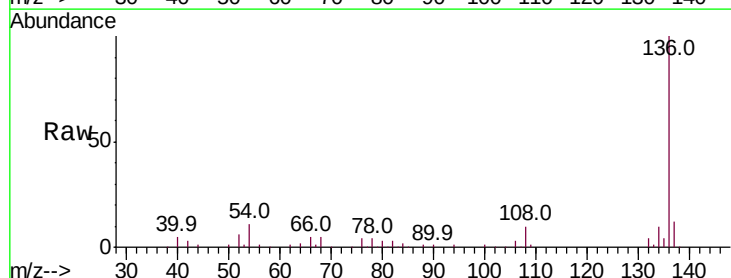
Ion Ratio Lower Upper

136 100

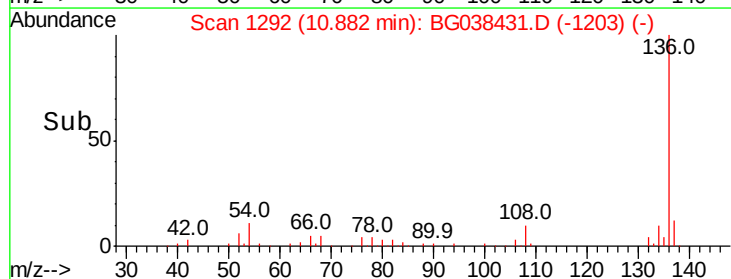
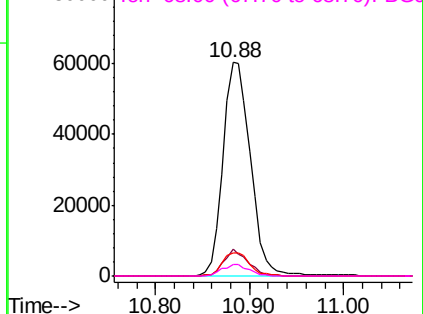
137 12.4 9.6 14.4

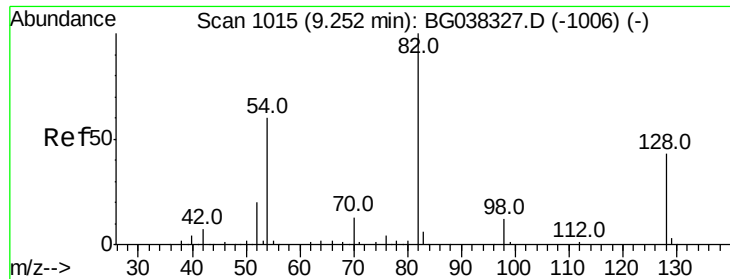
54 11.0 7.9 11.9

68 5.3 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

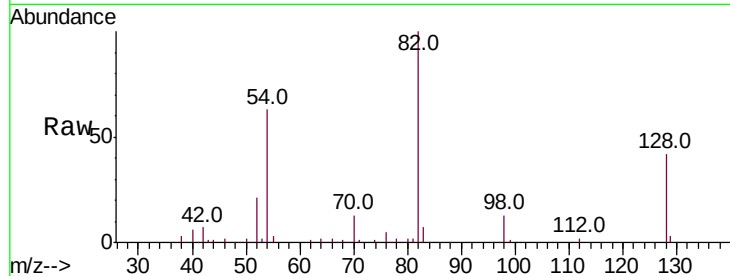




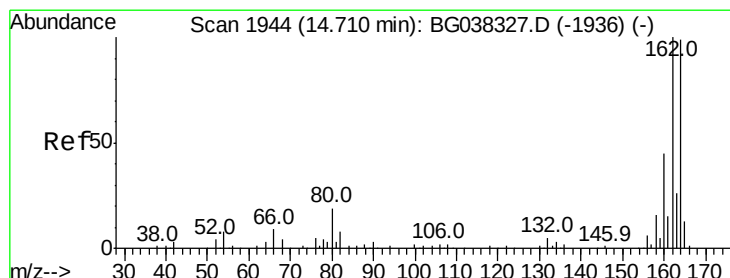
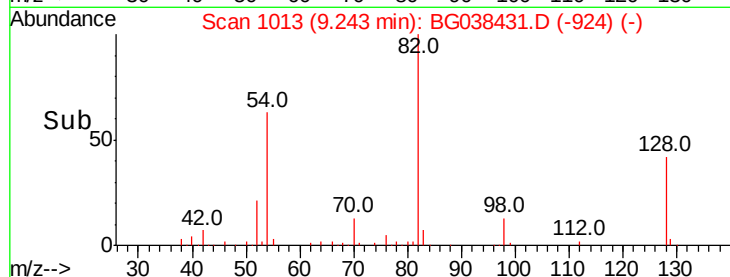
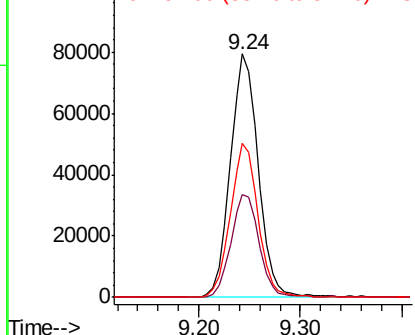
#23
Nitrobenzene-d5
Concen: 61.170 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BG038431.D
Acq: 8 Dec 2018 10:35

Instrument :
BNA_G
ClientSampleId :
FB-120518

Tot Ion: 82 Resp: 151331
Ion Ratio Lower Upper
82 100
128 42.3 34.6 51.8
54 63.3 45.3 67.9

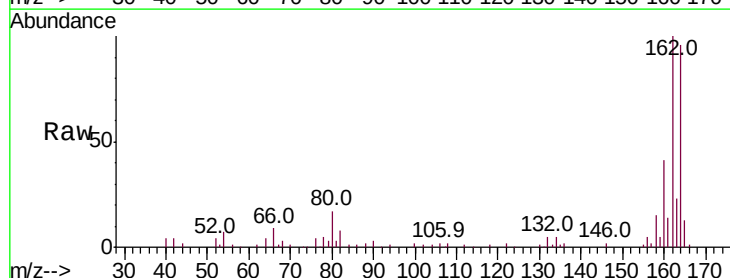


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

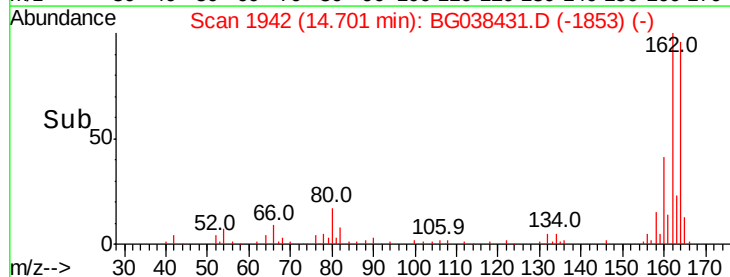
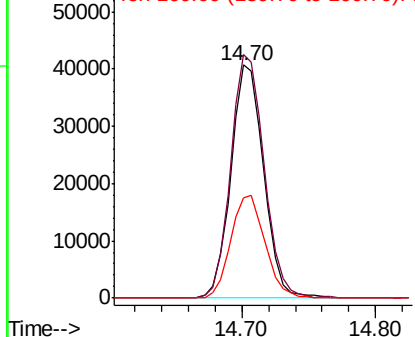


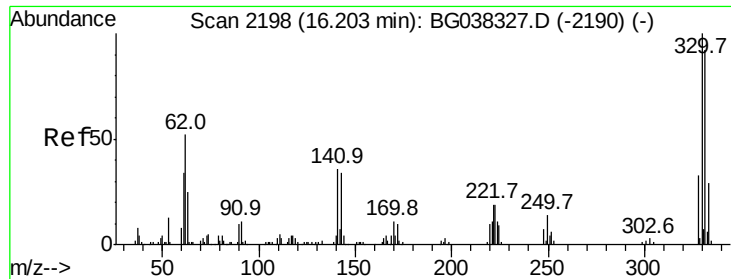
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG038431.D
Acq: 8 Dec 2018 10:35

Tgt Ion:164 Resp: 69370
Ion Ratio Lower Upper
164 100
162 104.4 81.3 121.9
160 43.1 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: 125.736 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038431.D

Acq: 8 Dec 2018 10:35

Instrument :

BNA_G

ClientSampleId :

FB-120518

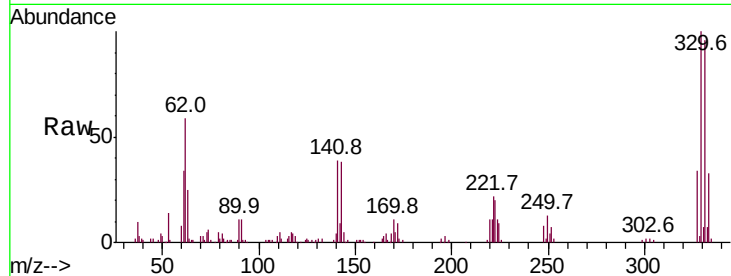
Tot Ion:330 Resp: 107077

Ion Ratio Lower Upper

330 100

332 96.9 78.4 117.6

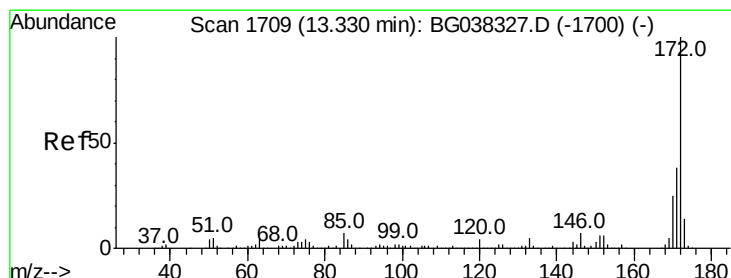
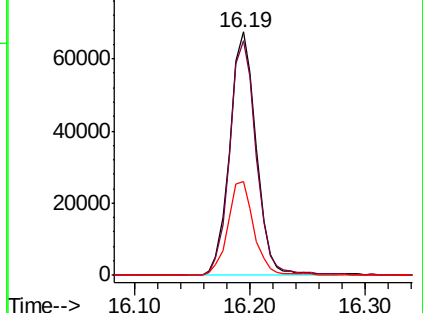
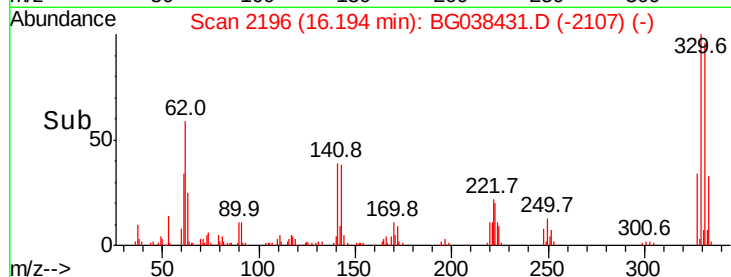
141 38.0 32.2 48.2



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: 77.091 ng

RT: 13.33 min Scan# 1708

Delta R.T. -0.00 min

Lab File: BG038431.D

Acq: 8 Dec 2018 10:35

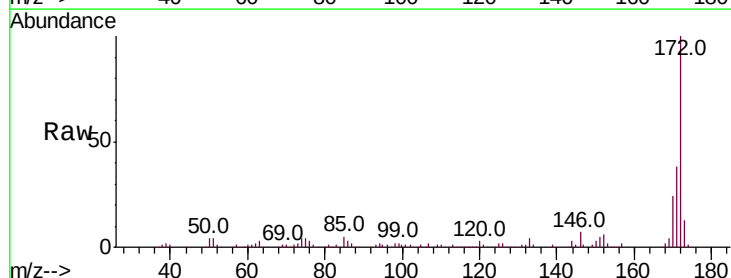
Tgt Ion:172 Resp: 375307

Ion Ratio Lower Upper

172 100

171 37.6 31.0 46.4

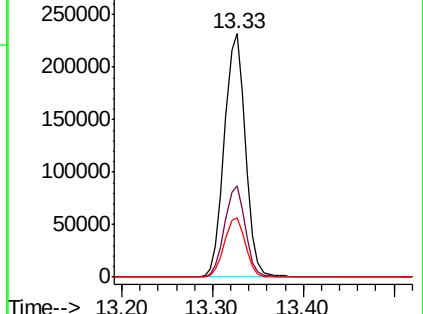
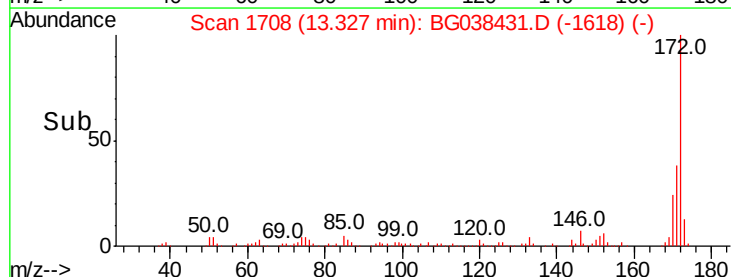
170 24.2 20.2 30.2

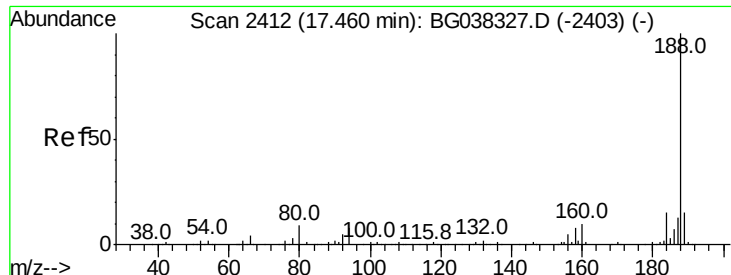


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

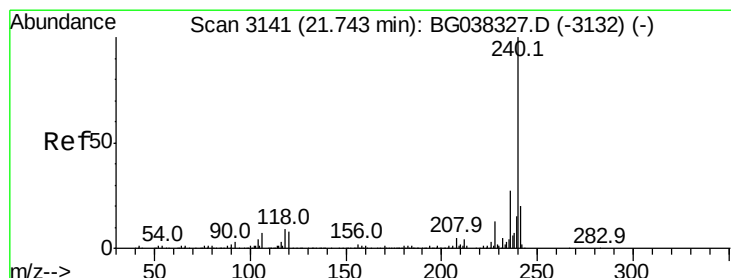
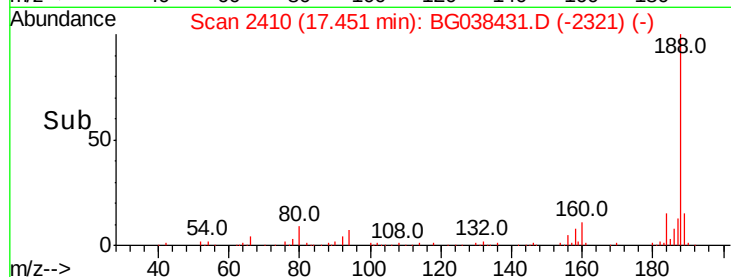
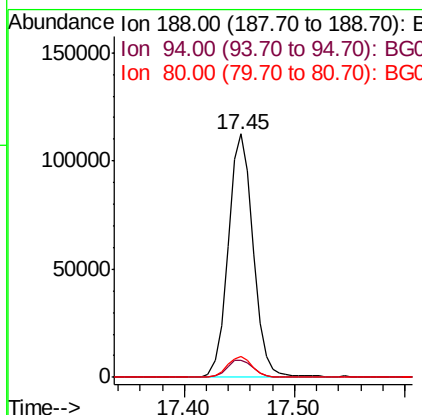
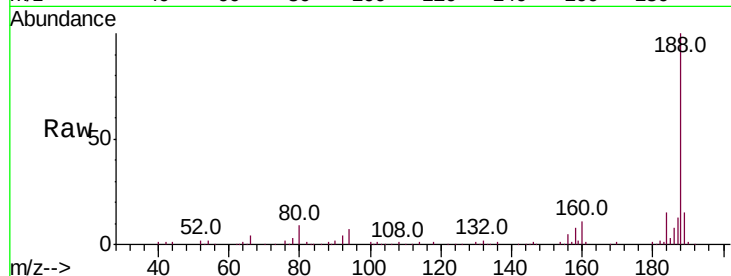




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BG038431.D
 Acq: 8 Dec 2018 10:35

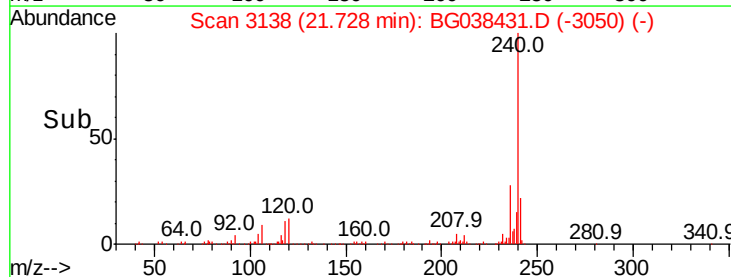
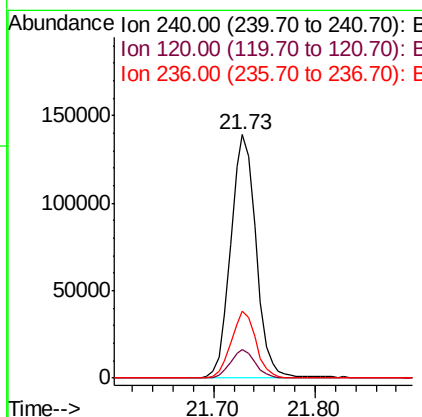
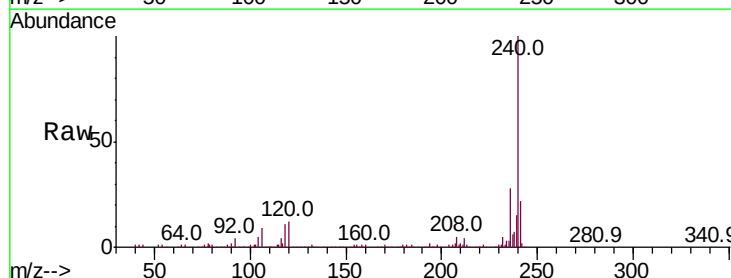
Instrument :
 BNA_G
 ClientSampleID :
 FB-120518

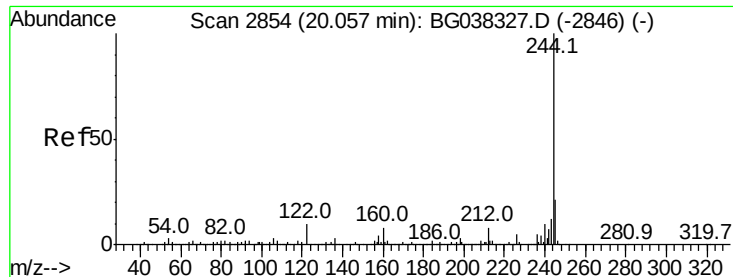
Tot Ion:188 Resp: 178606
 Ion Ratio Lower Upper
 188 100
 94 7.1 7.2 10.8#
 80 8.7 7.7 11.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG038431.D
 Acq: 8 Dec 2018 10:35

Tgt Ion:240 Resp: 242070
 Ion Ratio Lower Upper
 240 100
 120 11.6 8.1 12.1
 236 27.8 21.4 32.0





#79

Terphenyl-d14

Concen: 61.390 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038431.D

Acq: 8 Dec 2018 10:35

Instrument :

BNA_G

ClientSampleId :

FB-120518

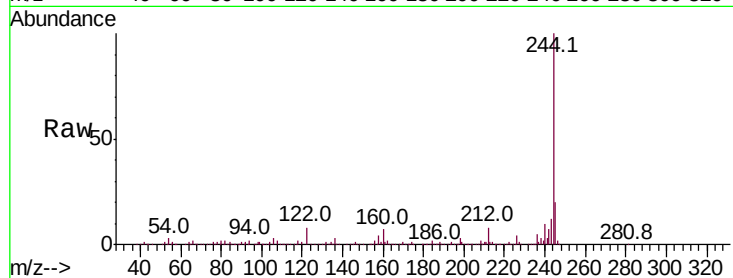
Tot Ion:244 Resp: 693693

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

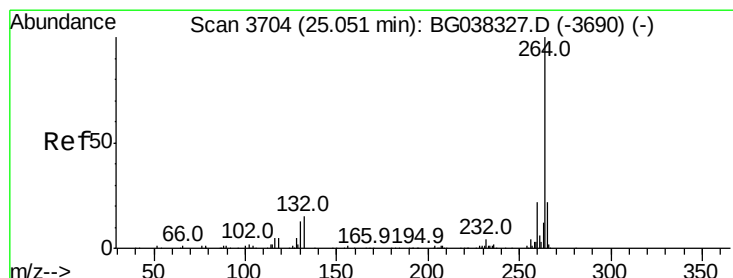
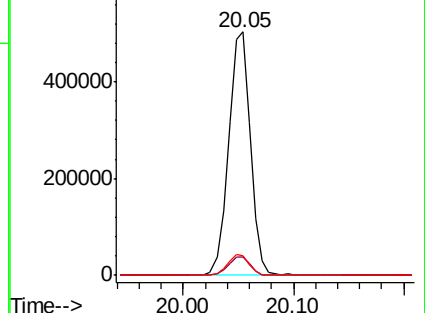
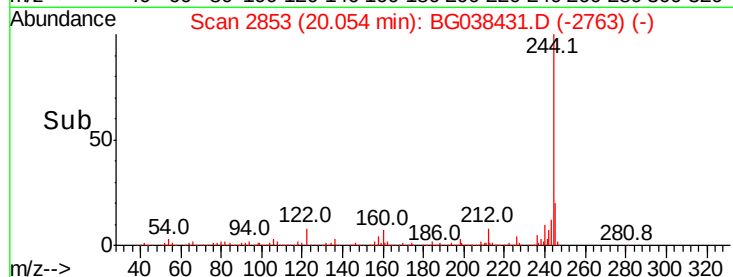
122 8.0 9.0 13.4#



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: 25.03 min Scan# 3700

Delta R.T. -0.02 min

Lab File: BG038431.D

Acq: 8 Dec 2018 10:35

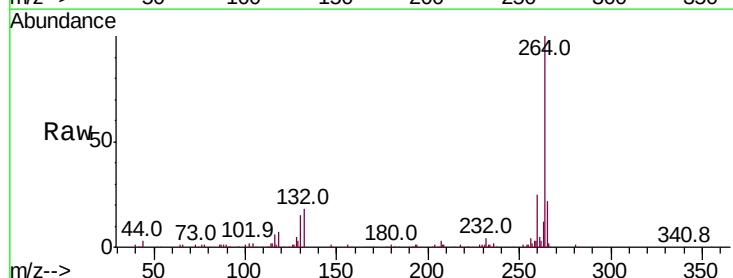
Tgt Ion:264 Resp: 245111

Ion Ratio Lower Upper

264 100

260 24.7 18.2 27.4

265 21.7 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

