

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038958.D
 Acq On : 5 Jan 2019 10:51
 Operator : JU/SJ
 Sample : K1036-13
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 13-O

Quant Time: Jan 06 23:10:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	27929	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	112377	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	75918	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	177055	20.00	ng	0.00
76) Chrysene-d12	21.72	240	167297	20.00	ng	0.00
87) Perylene-d12	25.01	264	181076	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	143324	91.02	ng	0.00
7) Phenol-d6	7.21	99	203817	94.29	ng	0.00
23) Nitrobenzene-d5	9.23	82	125995	57.28	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	113899	108.86	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	347403	62.78	ng	-0.01
79) Terphenyl-d14	20.04	244	538386	70.04	ng	0.00

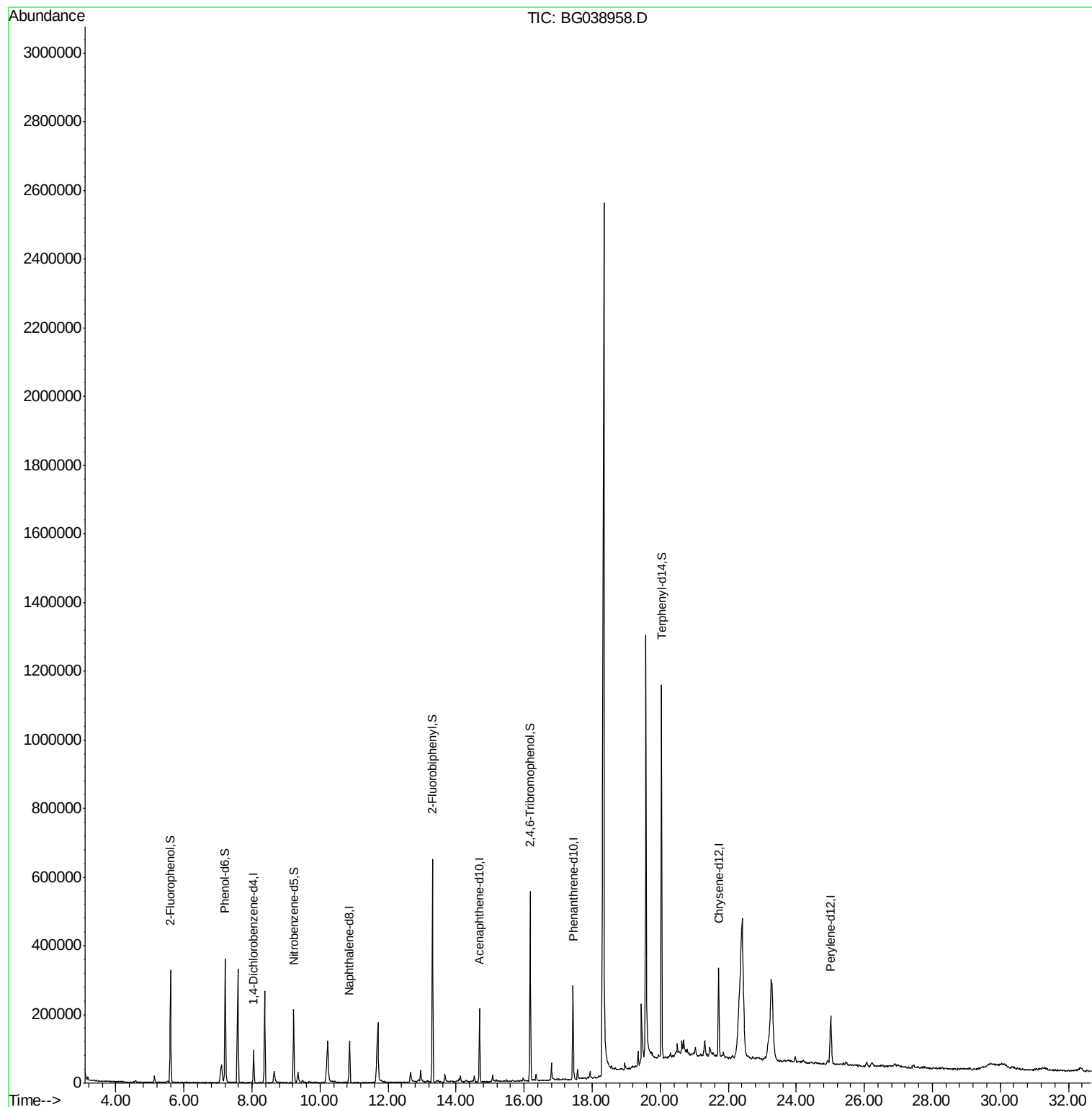
Target Compounds Qvalue

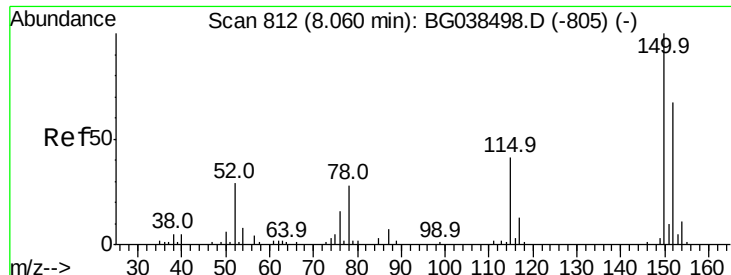
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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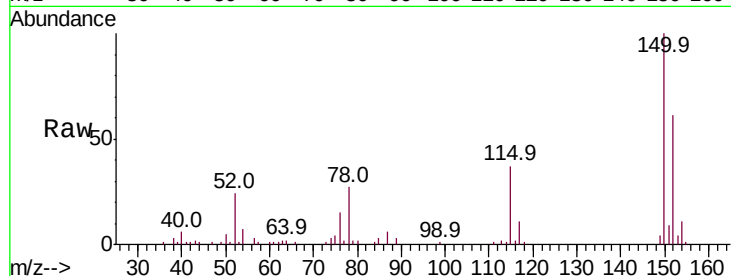


#1

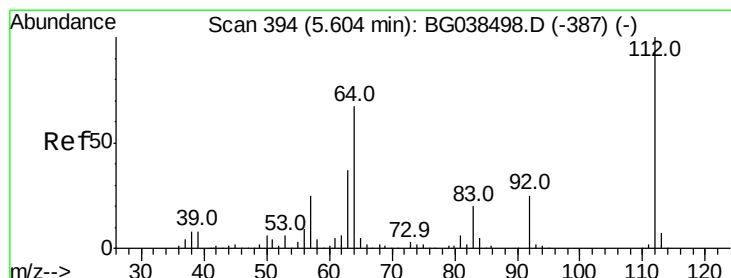
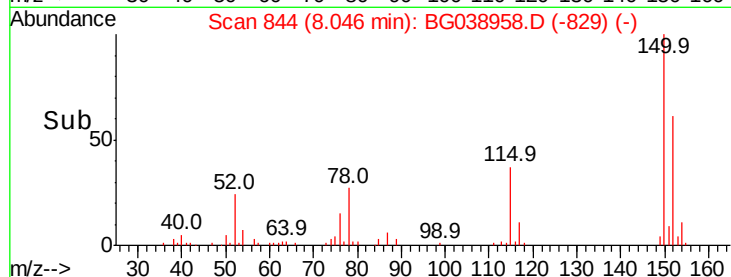
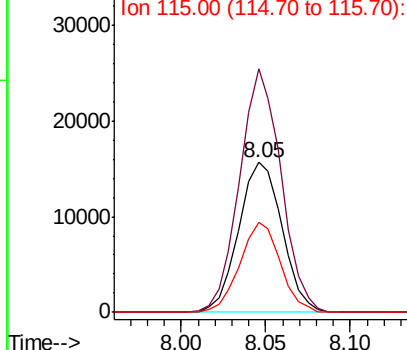
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038958.D
Acq: 5 Jan 2019 10:51

Instrument :
BNA_G
ClientSampleId :
13-O

Tot Ion:152 Resp: 27929
Ion Ratio Lower Upper
152 100
150 162.7 119.5 179.3
115 60.2 49.6 74.4



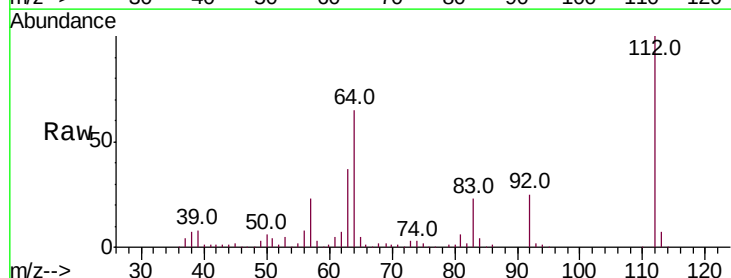
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



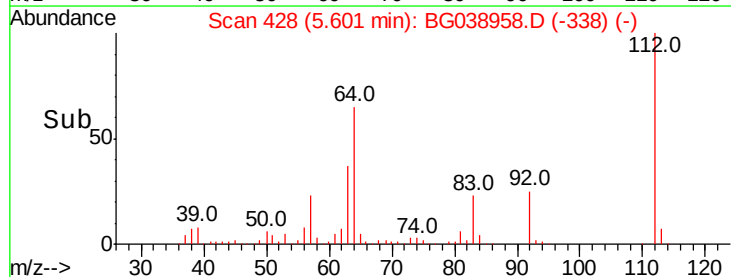
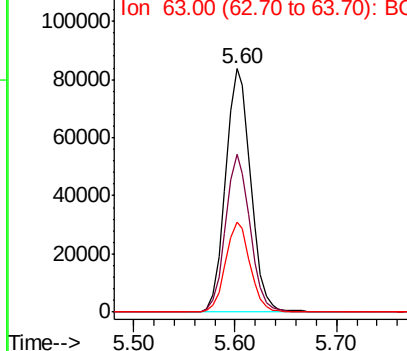
#5

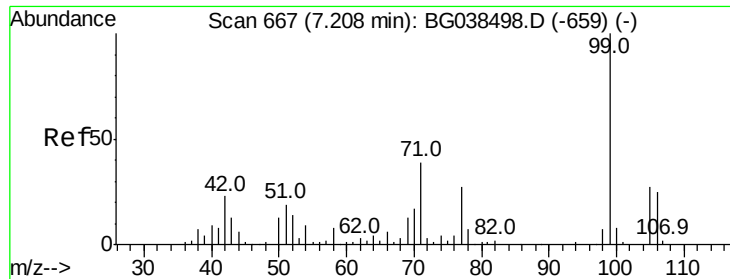
2-Fluorophenol
Concen: 91.019 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038958.D
Acq: 5 Jan 2019 10:51

Tgt Ion:112 Resp: 143324
Ion Ratio Lower Upper
112 100
64 64.8 53.4 80.2
63 37.1 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 94.285 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038958.D

Acq: 5 Jan 2019 10:51

Instrument :

BNA_G

ClientSampled :

13-O

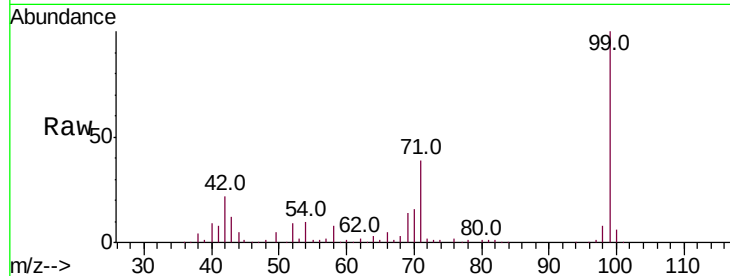
Tot Ion: 99 Resp: 203817

Ion Ratio Lower Upper

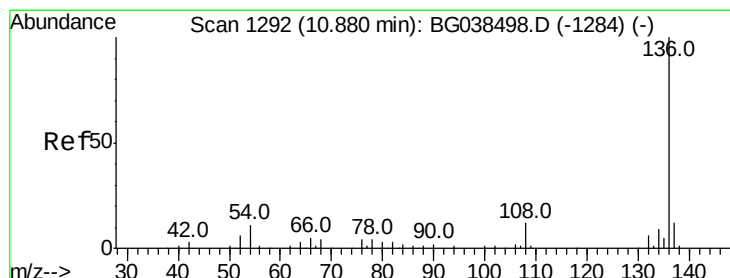
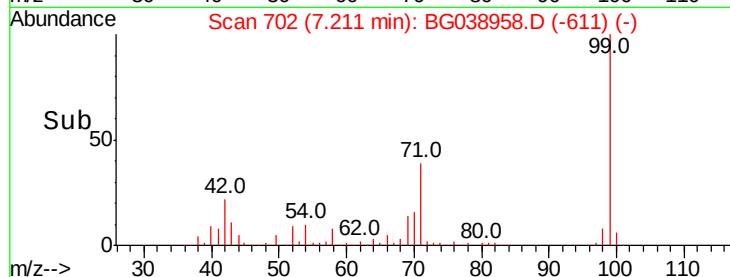
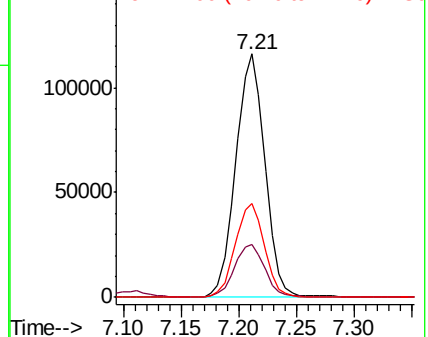
99 100

42 21.8 18.5 27.7

71 38.8 31.1 46.7



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: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG038958.D

Acq: 5 Jan 2019 10:51

Tgt Ion: 136 Resp: 112377

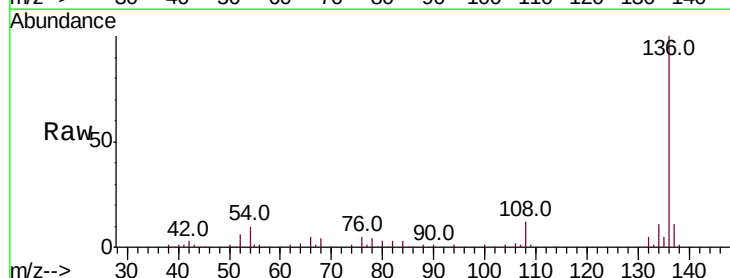
Ion Ratio Lower Upper

136 100

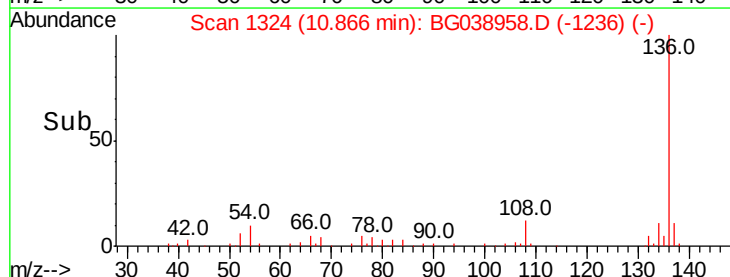
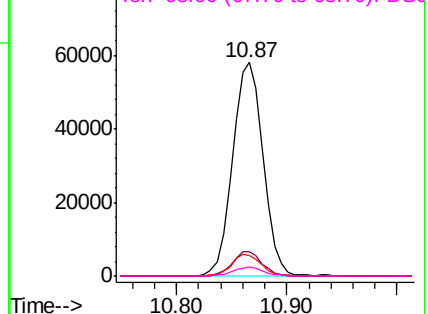
137 11.2 9.3 13.9

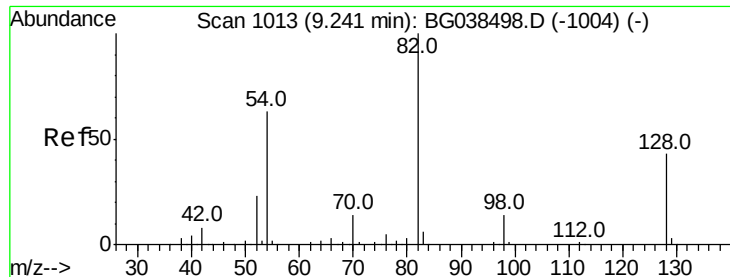
54 9.7 8.5 12.7

68 4.0 3.5 5.3



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

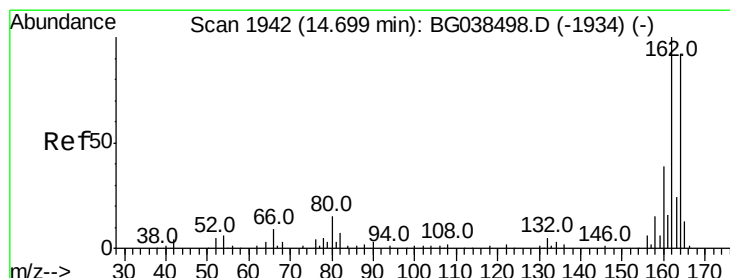
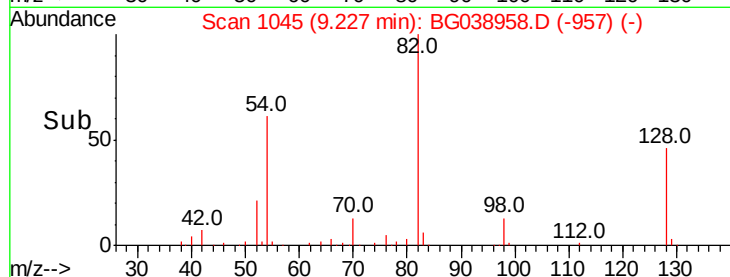
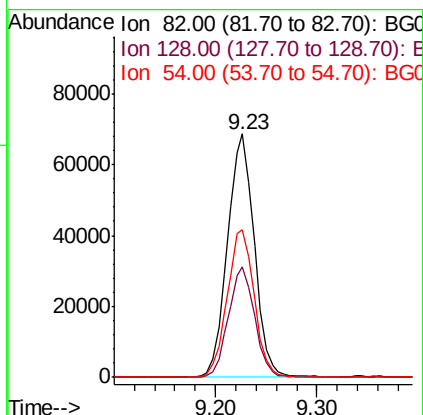
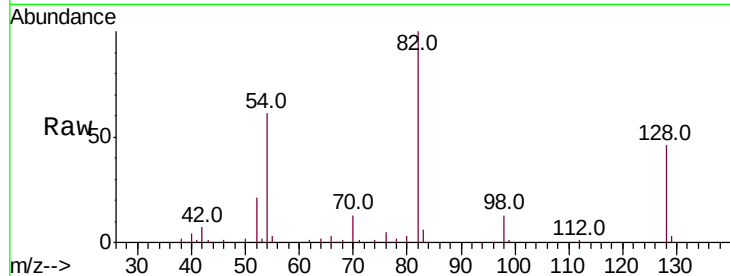




#23
Nitrobenzene-d5
Concen: 57.278 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG038958.D
Acq: 5 Jan 2019 10:51

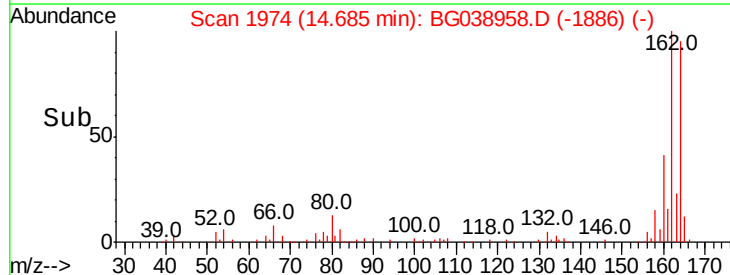
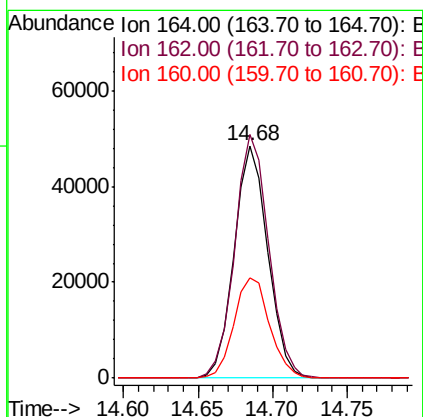
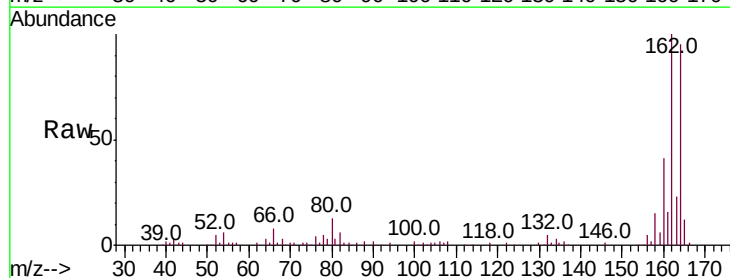
Instrument :
BNA_G
ClientSampleId :
13-O

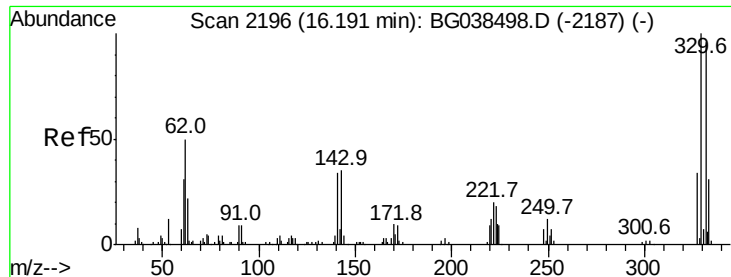
Tot Ion: 82 Resp: 125995
Ion Ratio Lower Upper
82 100
128 45.5 34.6 52.0
54 60.8 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG038958.D
Acq: 5 Jan 2019 10:51

Tgt Ion: 164 Resp: 75918
Ion Ratio Lower Upper
164 100
162 104.9 86.6 130.0
160 43.3 34.2 51.2

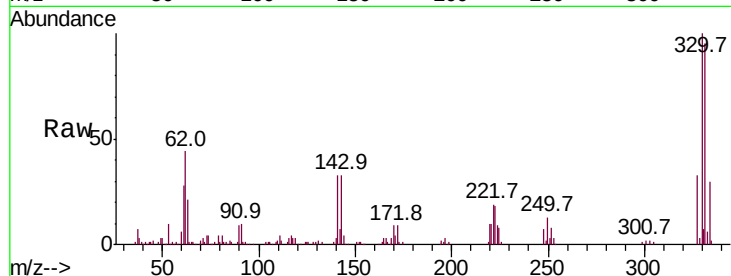




#42
 2,4,6-Tribromophenol
 Concen: 108.860 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038958.D
 Acq: 5 Jan 2019 10:51

Instrument :
 BNA_G
 ClientSampled :
 13-O

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.9	115.3
141	32.9	28.8	43.2

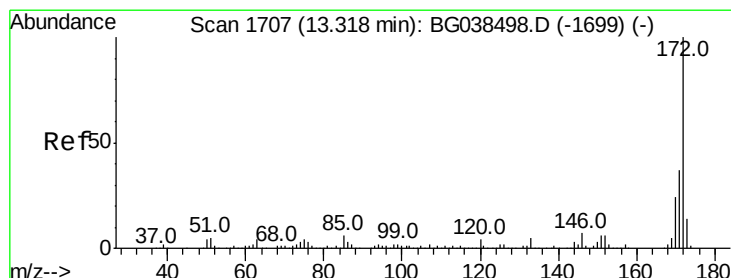
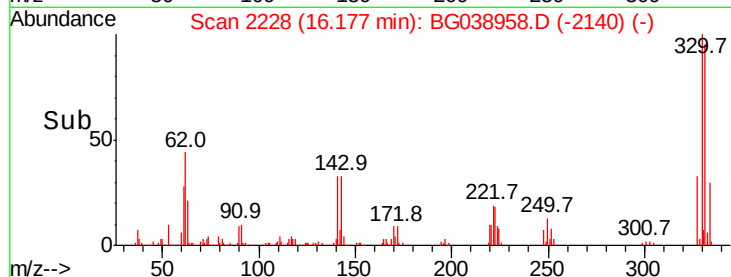
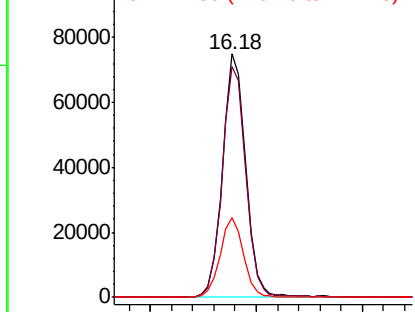


Abundance

Ion 329.80 (329.50 to 330.50): E

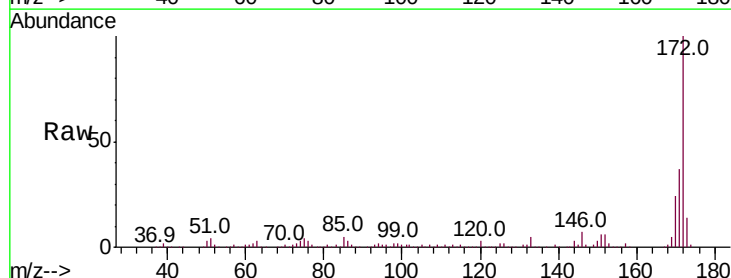
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 62.776 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG038958.D
 Acq: 5 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	24.2	19.5	29.3

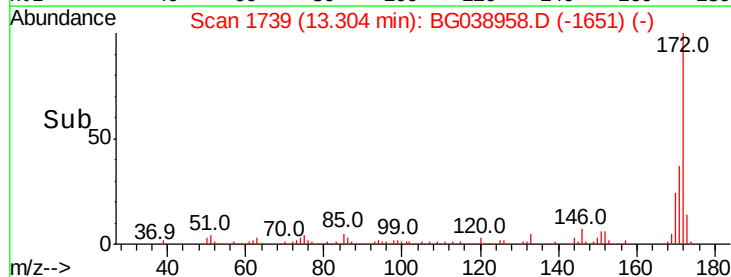
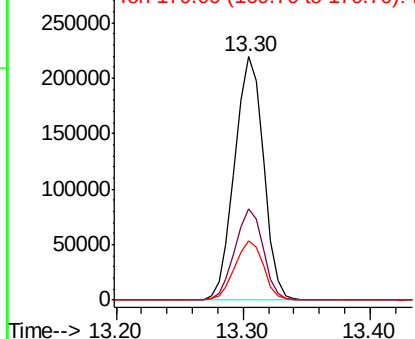


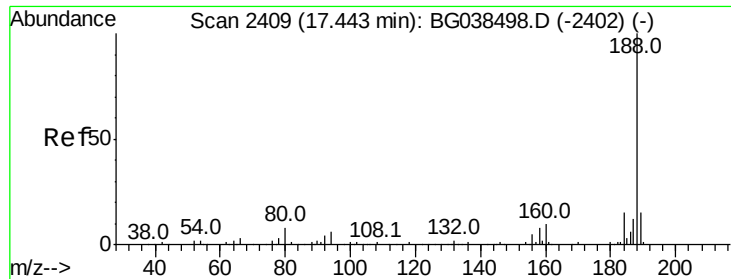
Abundance

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: 17.43 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG038958.D

Acq: 5 Jan 2019 10:51

Instrument :

BNA_G

ClientSampleId :

13-O

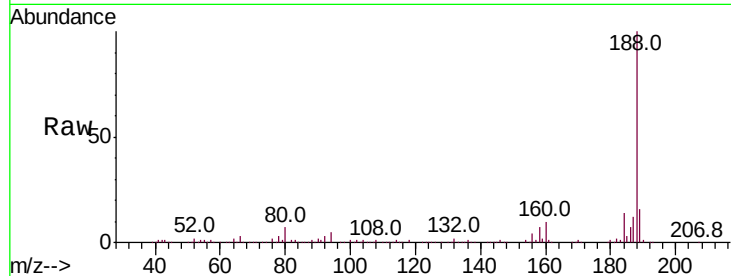
Tot Ion:188 Resp: 177055

Ion Ratio Lower Upper

188 100

94 5.2 5.1 7.7

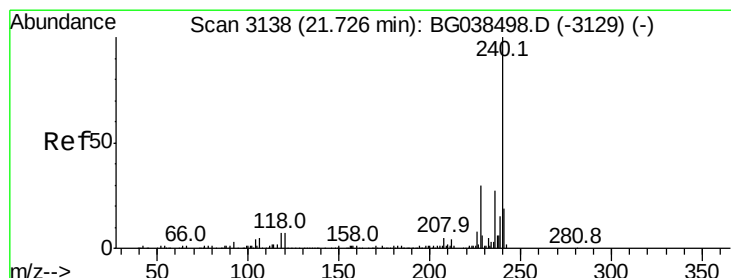
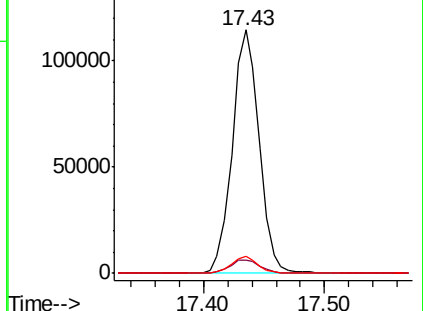
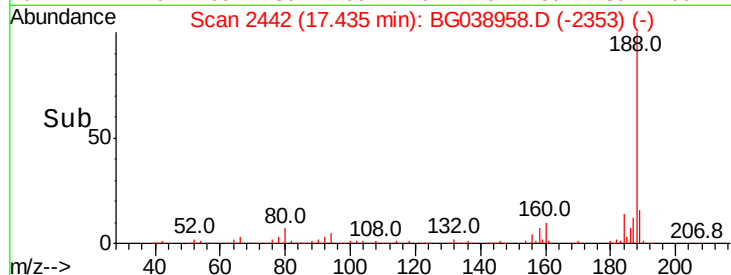
80 7.0 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038958.D

Acq: 5 Jan 2019 10:51

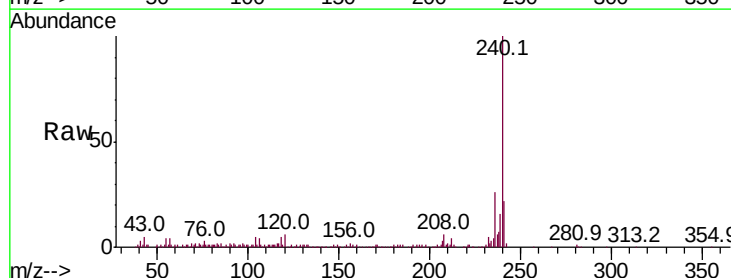
Tgt Ion:240 Resp: 167297

Ion Ratio Lower Upper

240 100

120 5.6 5.3 7.9

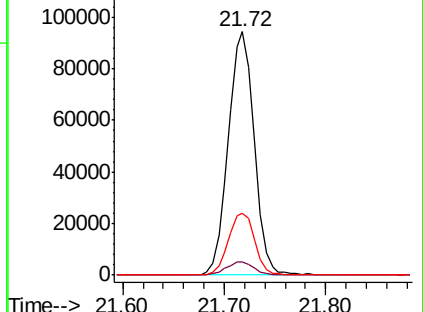
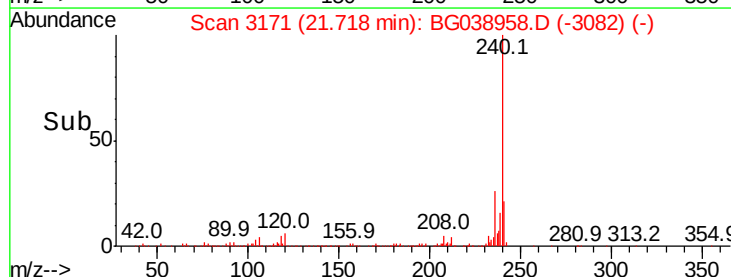
236 25.6 21.4 32.2

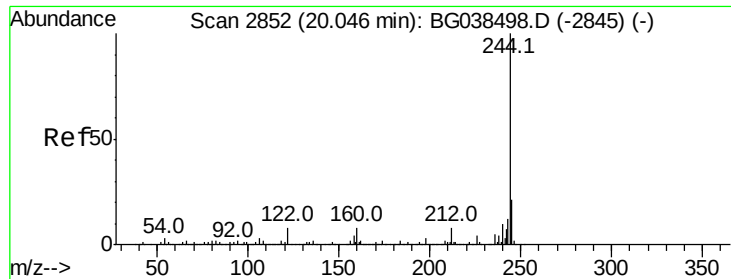


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.038 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038958.D

Acq: 5 Jan 2019 10:51

Instrument :

BNA_G

ClientSampled :

13-O

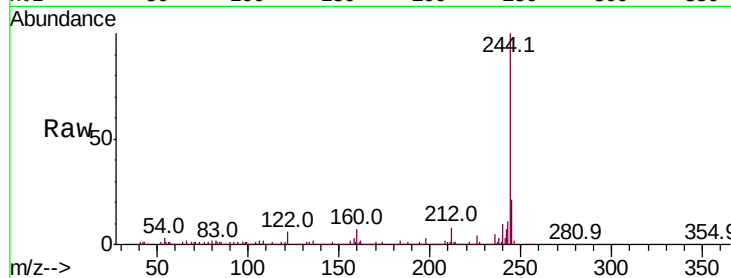
Tot Ion:244 Resp: 538386

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

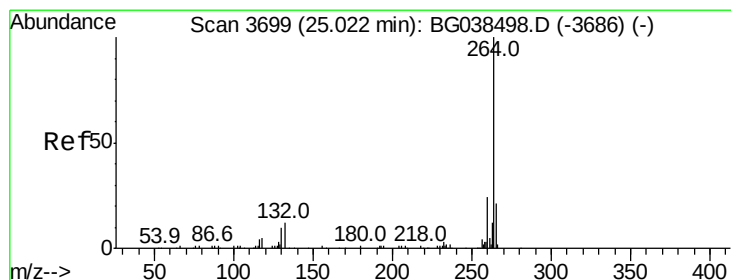
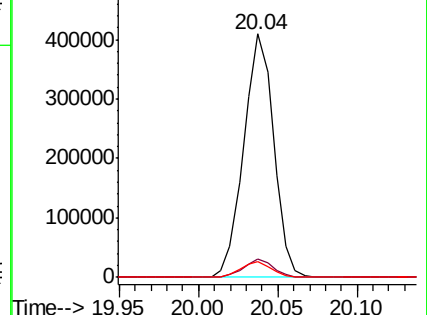
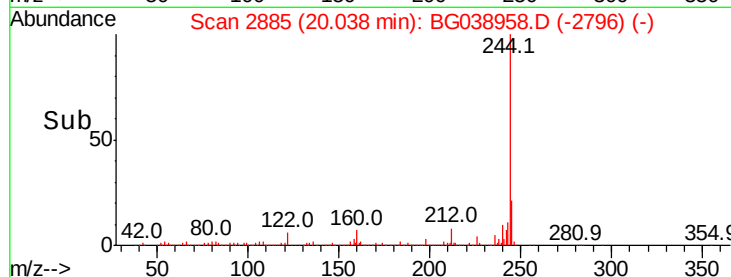
122 6.3 6.3 9.5



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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038958.D

Acq: 5 Jan 2019 10:51

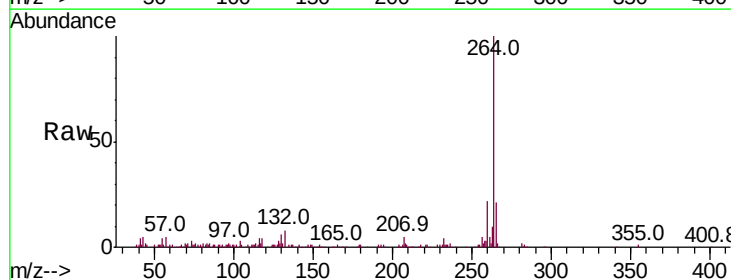
Tgt Ion:264 Resp: 181076

Ion Ratio Lower Upper

264 100

260 22.3 18.9 28.3

265 20.6 17.0 25.4



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

