

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038953.D
 Acq On : 5 Jan 2019 7:34
 Operator : JU/SJ
 Sample : K1036-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 13-C

Quant Time: Jan 06 23:04:14 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	24723	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	101694	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	69097	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	167292	20.00	ng	0.00
76) Chrysene-d12	21.71	240	157566	20.00	ng	-0.01
87) Perylene-d12	25.00	264	169570	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	77152	55.35	ng	0.00
7) Phenol-d6	7.21	99	122872	64.21	ng	0.00
23) Nitrobenzene-d5	9.22	82	84856	42.63	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	50022	52.53	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	245941	48.83	ng	-0.01
79) Terphenyl-d14	20.03	244	418195	57.76	ng	-0.01

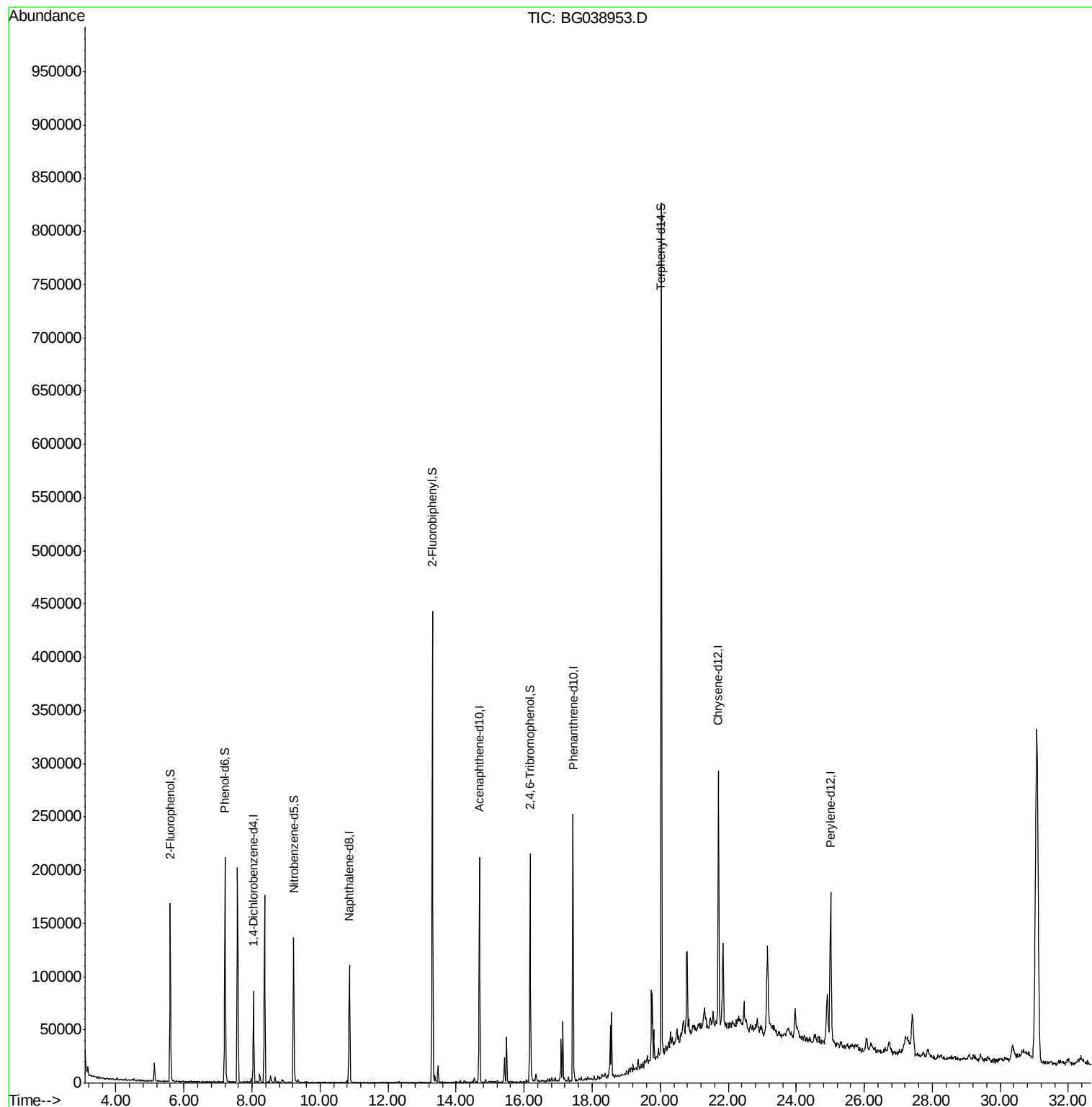
Target Compounds Qvalue

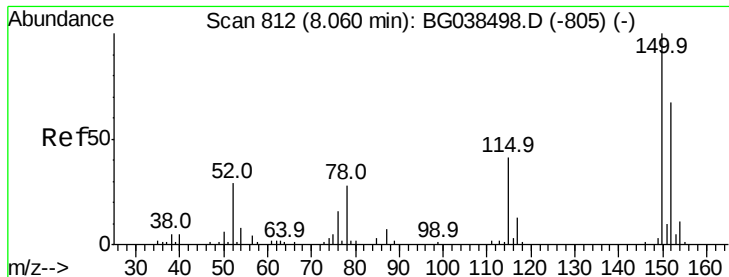
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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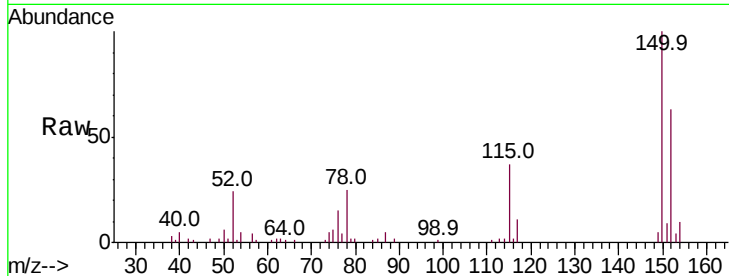


#1

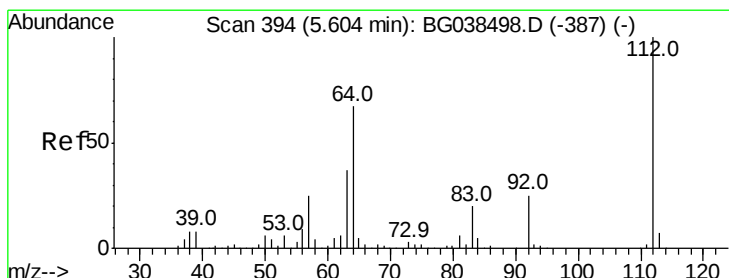
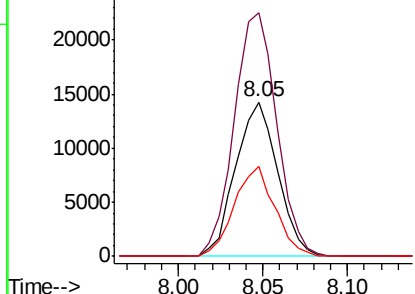
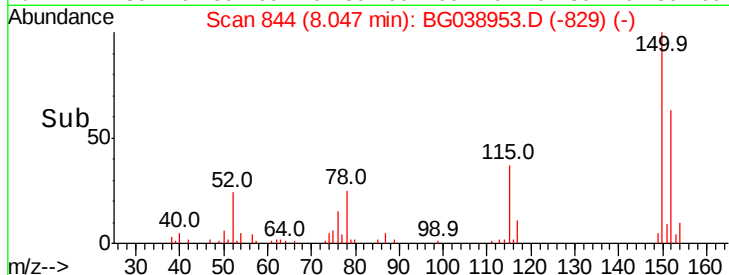
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038953.D
Acq: 5 Jan 2019 7:34

Instrument :
BNA_G
ClientSampleId :
13-C

Tot Ion:152 Resp: 24723
Ion Ratio Lower Upper
152 100
150 157.9 119.5 179.3
115 58.6 49.6 74.4



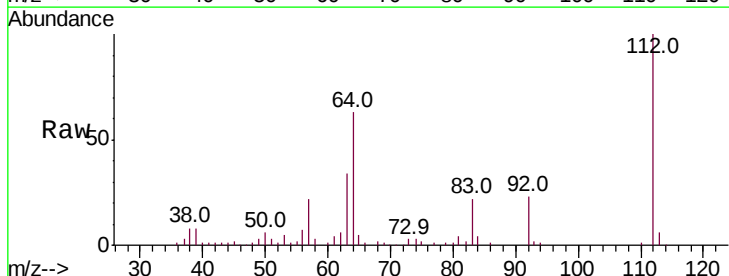
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



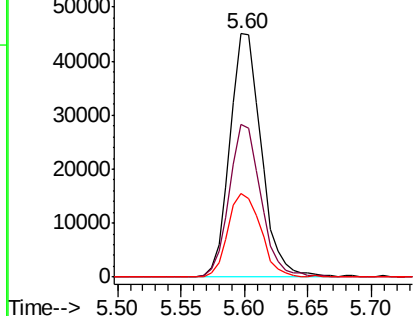
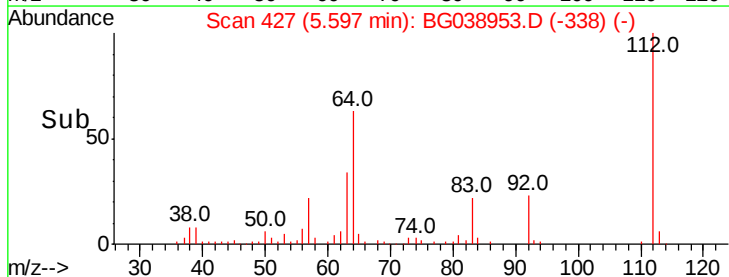
#5

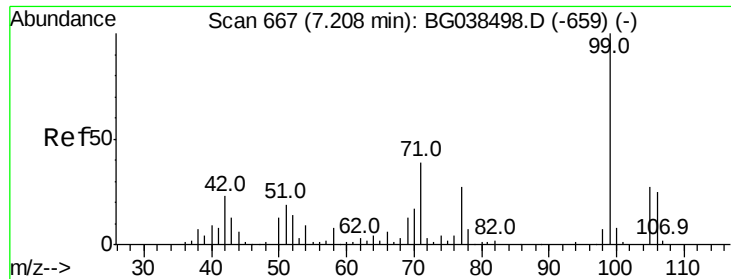
2-Fluorophenol
Concen: 55.350 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.01 min
Lab File: BG038953.D
Acq: 5 Jan 2019 7:34

Tgt Ion:112 Resp: 77152
Ion Ratio Lower Upper
112 100
64 62.7 53.4 80.2
63 34.2 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: 64.211 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038953.D

Acq: 5 Jan 2019 7:34

Instrument :

BNA_G

ClientSampleId :

13-C

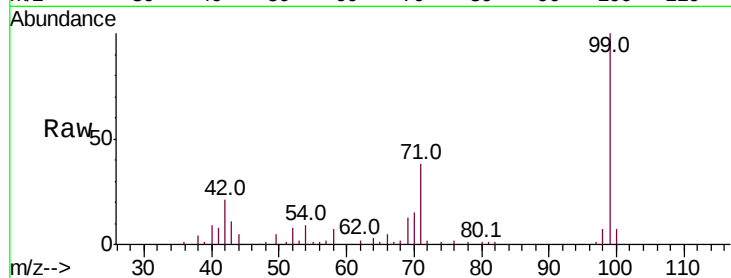
Tot Ion: 99 Resp: 122872

Ion Ratio Lower Upper

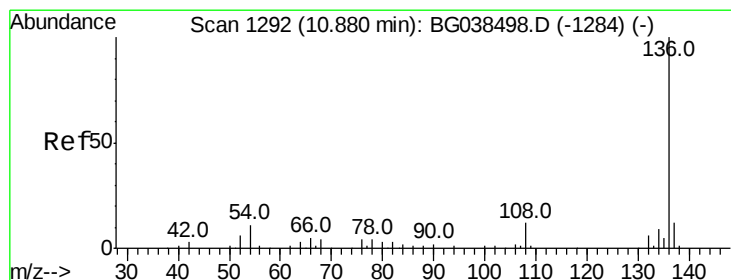
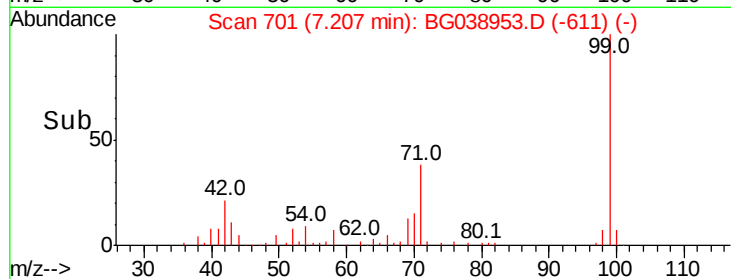
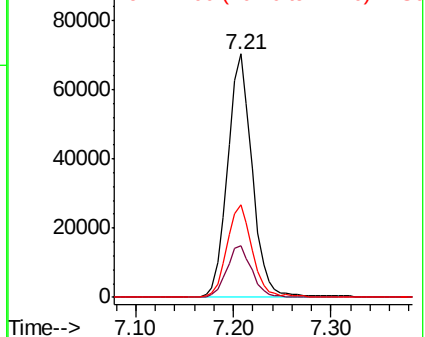
99 100

42 21.5 18.5 27.7

71 38.2 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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG038953.D

Acq: 5 Jan 2019 7:34

Tgt Ion: 136 Resp: 101694

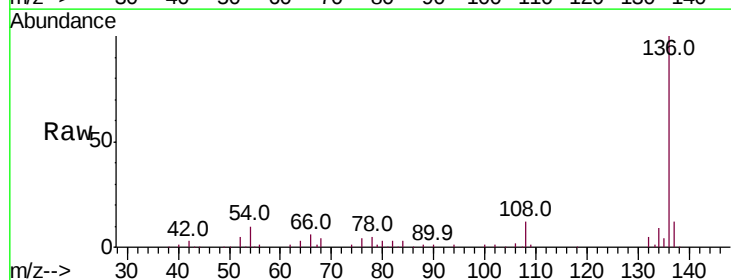
Ion Ratio Lower Upper

136 100

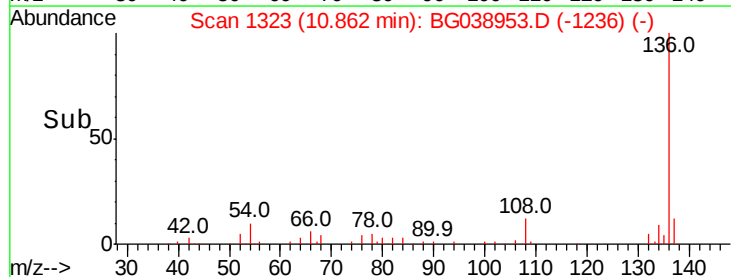
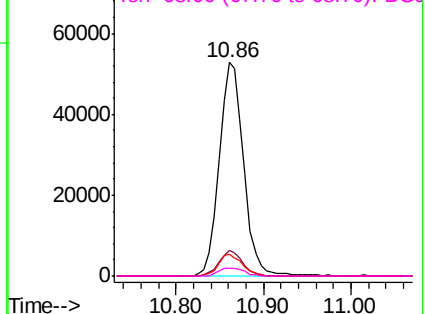
137 11.7 9.3 13.9

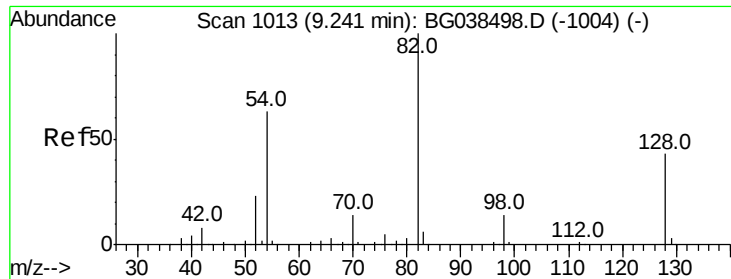
54 9.9 8.5 12.7

68 3.5 3.5 5.3



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

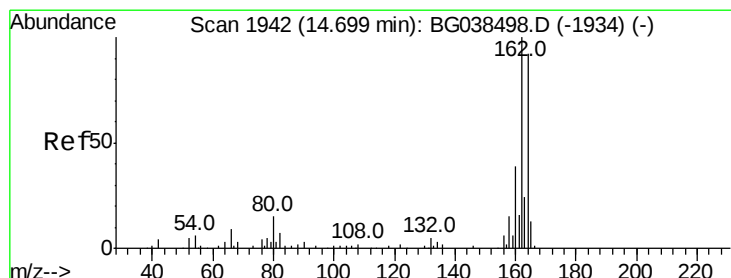
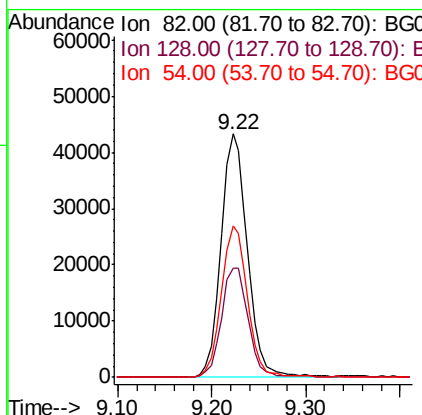
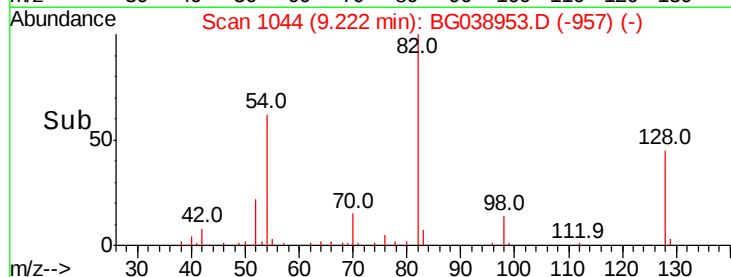
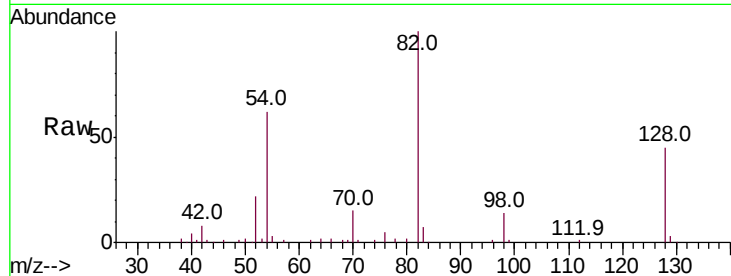




#23
Nitrobenzene-d5
Concen: 42.628 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038953.D
Acq: 5 Jan 2019 7:34

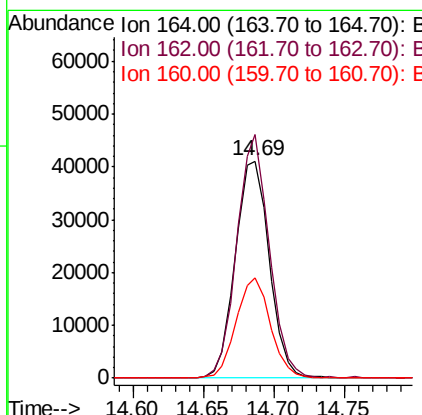
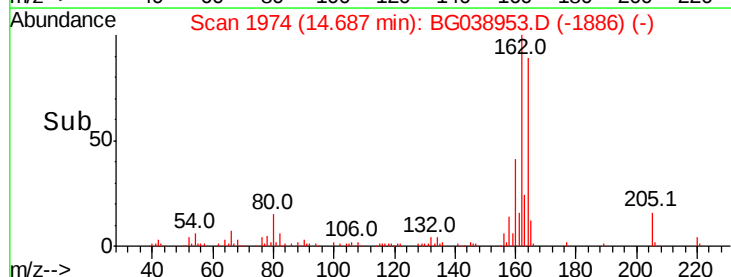
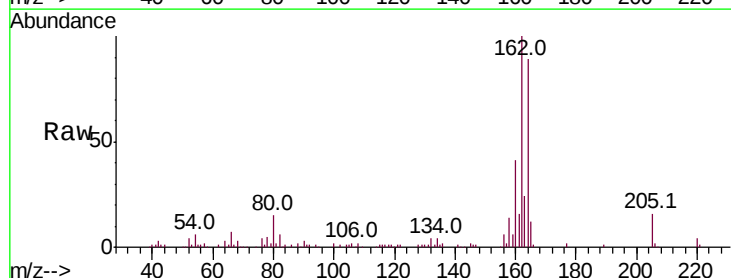
Instrument :
BNA_G
ClientSampled :
13-C

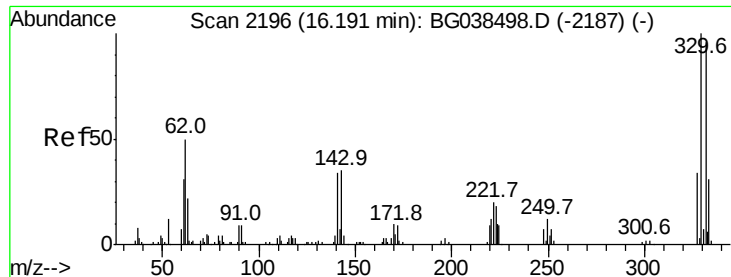
Tot Ion: 82 Resp: 84856
Ion Ratio Lower Upper
82 100
128 45.0 34.6 52.0
54 62.4 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG038953.D
Acq: 5 Jan 2019 7:34

Tgt Ion:164 Resp: 69097
Ion Ratio Lower Upper
164 100
162 112.3 86.6 130.0
160 46.5 34.2 51.2

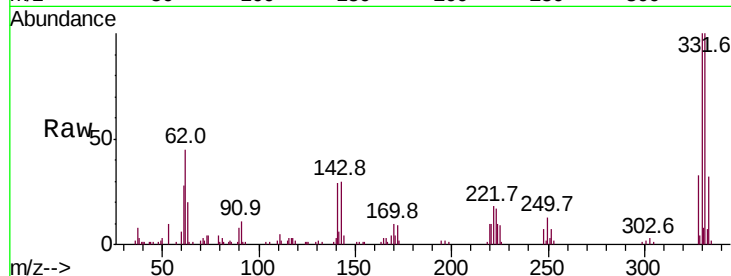




#42
 2,4,6-Tribromophenol
 Concen: 52.529 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038953.D
 Acq: 5 Jan 2019 7:34

Instrument :
 BNA_G
 ClientSampleId :
 13-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	32.3	28.8	43.2

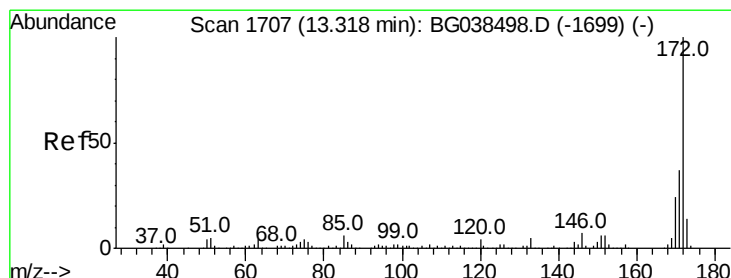
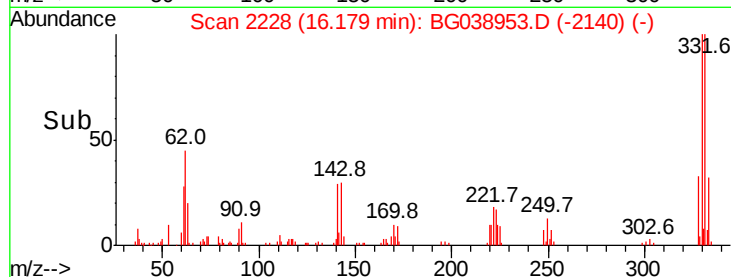
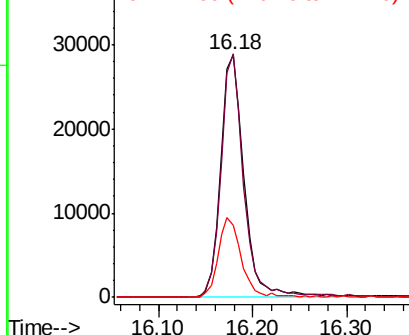


Abundance

Ion 329.80 (329.50 to 330.50): E

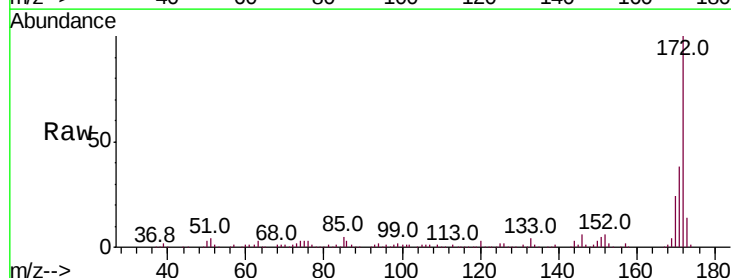
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 48.829 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG038953.D
 Acq: 5 Jan 2019 7:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.8	44.6
170	24.4	19.5	29.3

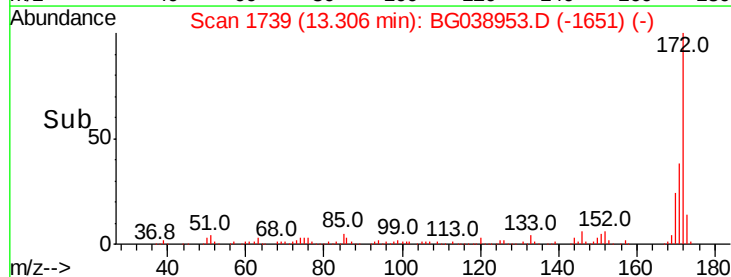
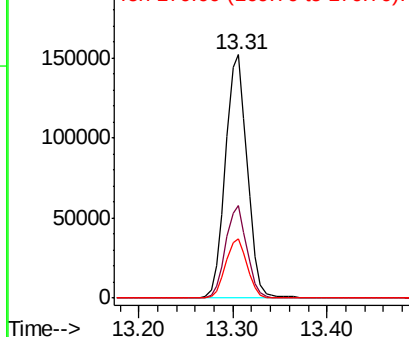


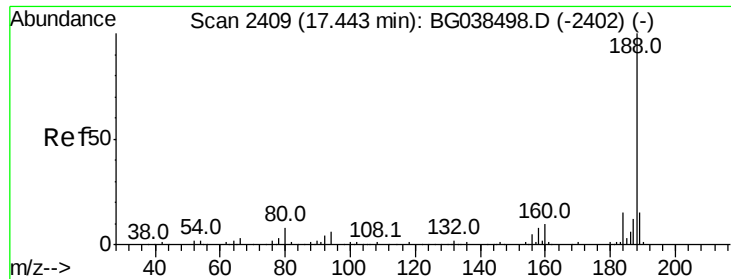
Abundance

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: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG038953.D

Acq: 5 Jan 2019 7:34

Instrument :

BNA_G

ClientSampled :

13-C

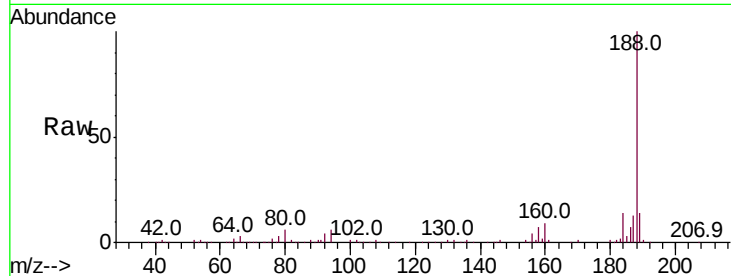
Tot Ion:188 Resp: 167292

Ion Ratio Lower Upper

188 100

94 5.9 5.1 7.7

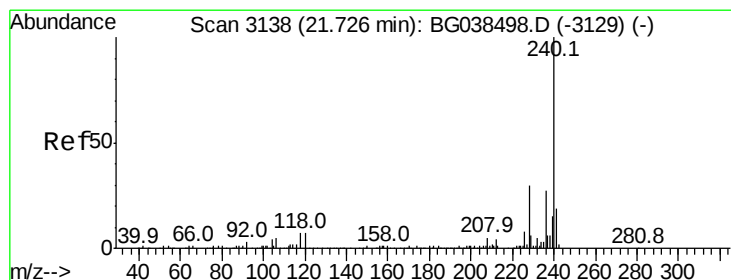
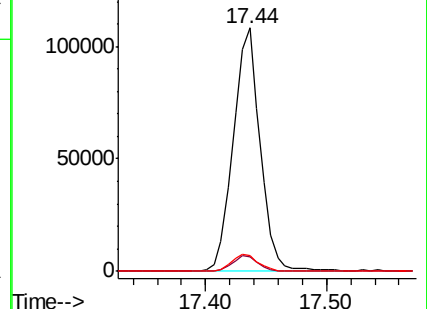
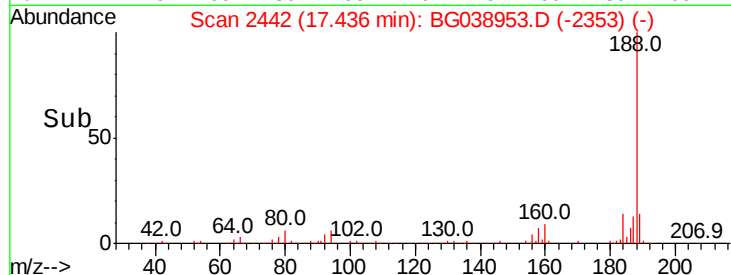
80 6.4 6.1 9.1



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: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG038953.D

Acq: 5 Jan 2019 7:34

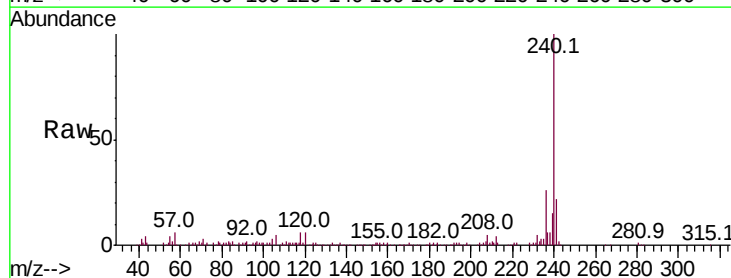
Tgt Ion:240 Resp: 157566

Ion Ratio Lower Upper

240 100

120 5.7 5.3 7.9

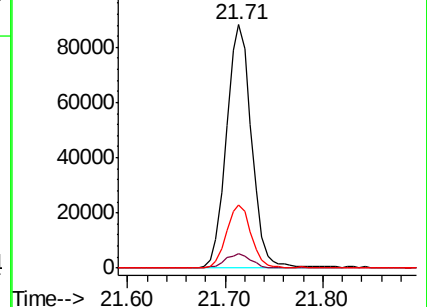
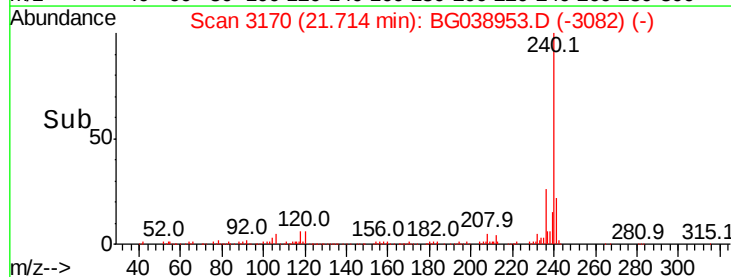
236 26.1 21.4 32.2

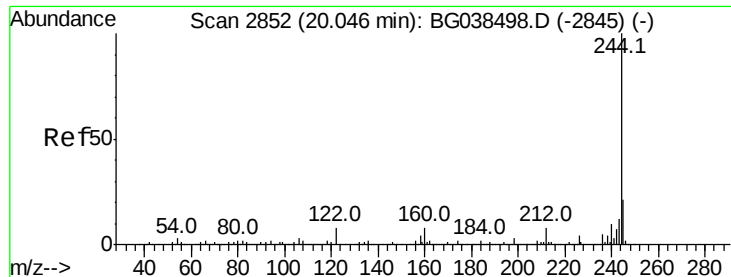


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 57.762 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038953.D

Acq: 5 Jan 2019 7:34

Instrument :

BNA_G

ClientSampleId :

13-C

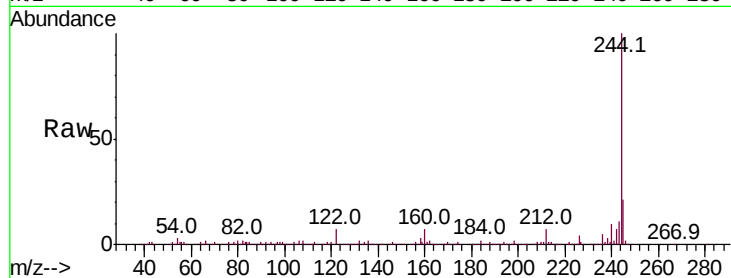
Tot Ion:244 Resp: 418195

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

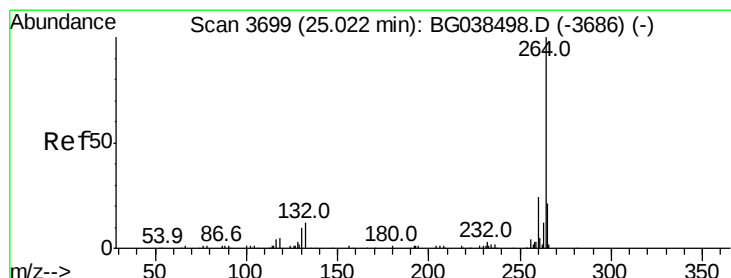
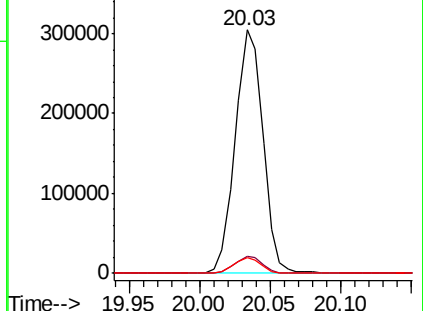
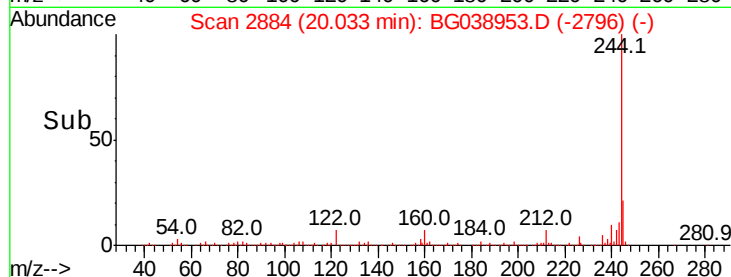
122 6.7 6.3 9.5



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: 25.00 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG038953.D

Acq: 5 Jan 2019 7:34

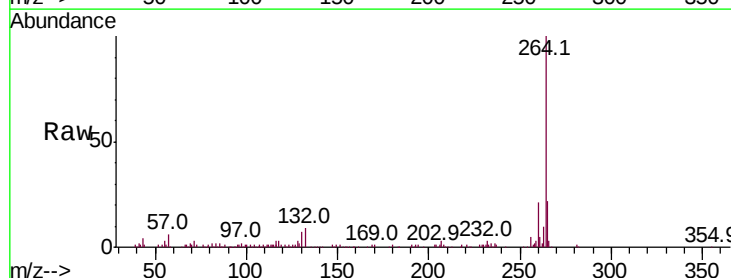
Tgt Ion:264 Resp: 169570

Ion Ratio Lower Upper

264 100

260 21.1 18.9 28.3

265 21.8 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

