

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038951.D
 Acq On : 5 Jan 2019 6:15
 Operator : JU/SJ
 Sample : K1036-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 13-A

Quant Time: Jan 06 23:02:30 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	8.04	152	24212	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	99656	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	70309	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	162901	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	160341	20.00	ng	-0.01
87) Perylene-d12	25.00	264	172558	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	111804	81.90	ng	0.00
7) Phenol-d6	7.20	99	159667	85.20	ng	0.00
23) Nitrobenzene-d5	9.22	82	97777	50.12	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	78564	81.08	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	284957	55.60	ng	-0.02
79) Terphenyl-d14	20.03	244	461715	62.67	ng	-0.01

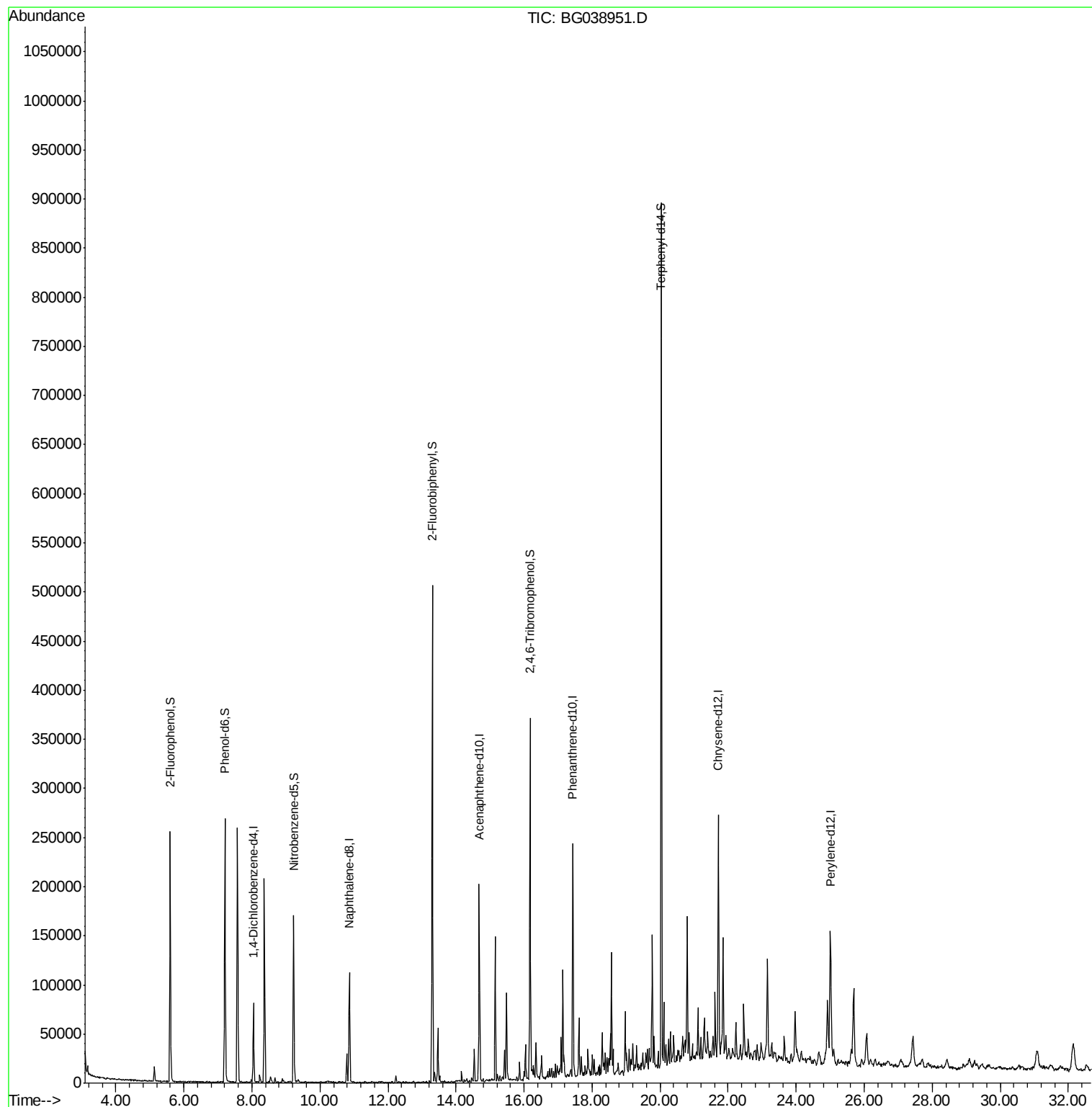
Target Compounds Qvalue

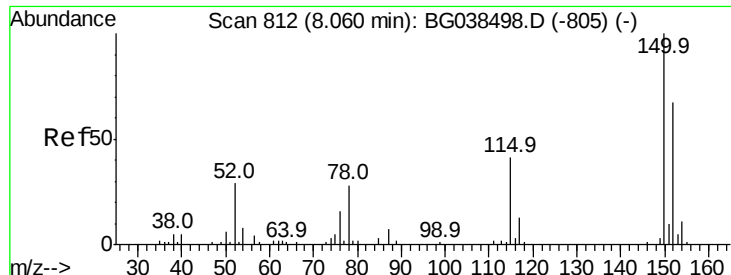
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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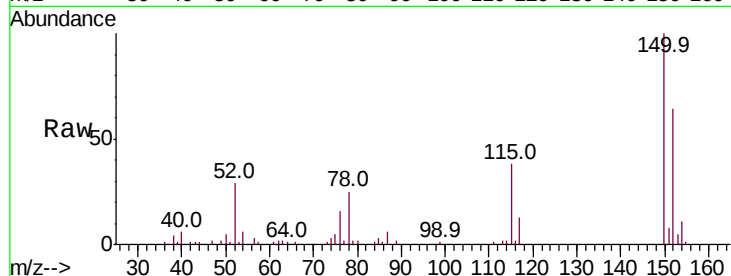


#1

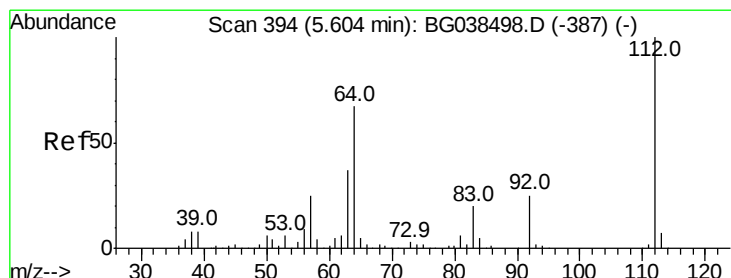
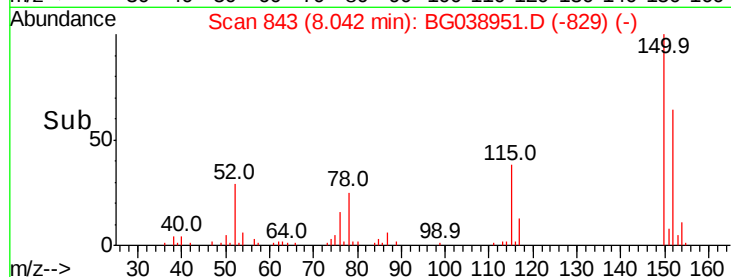
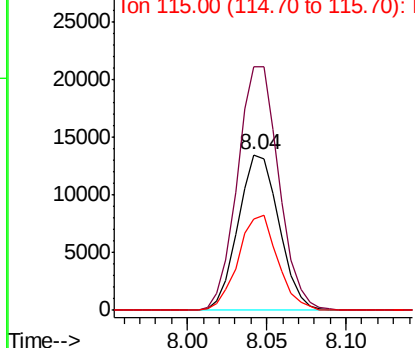
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038951.D
Acq: 5 Jan 2019 6:15

Instrument :
BNA_G
ClientSampleId :
13-A

Tot Ion:152 Resp: 24212
Ion Ratio Lower Upper
152 100
150 156.1 119.5 179.3
115 58.6 49.6 74.4



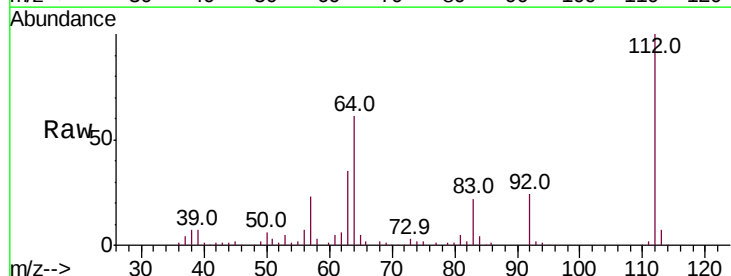
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



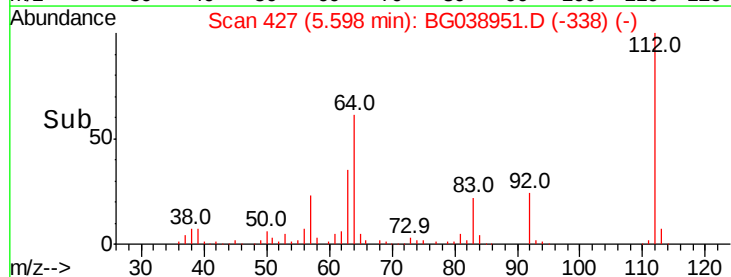
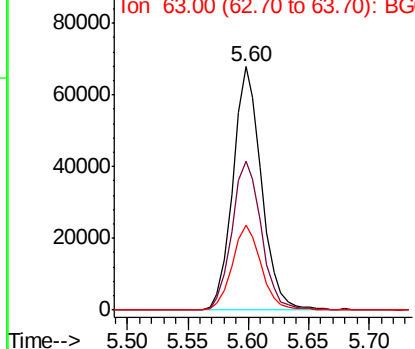
#5

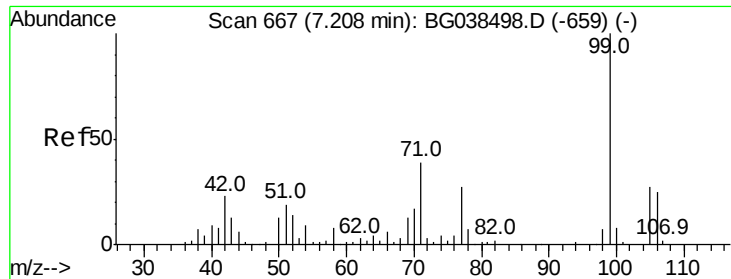
2-Fluorophenol
Concen: 81.902 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.01 min
Lab File: BG038951.D
Acq: 5 Jan 2019 6:15

Tgt Ion:112 Resp: 111804
Ion Ratio Lower Upper
112 100
64 61.3 53.4 80.2
63 34.6 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: 85.201 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG038951.D

Acq: 5 Jan 2019 6:15

Instrument :

BNA_G

ClientSampleID :

13-A

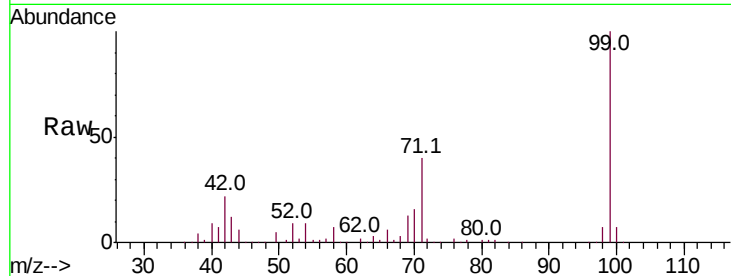
Tot Ion: 99 Resp: 159667

Ion Ratio Lower Upper

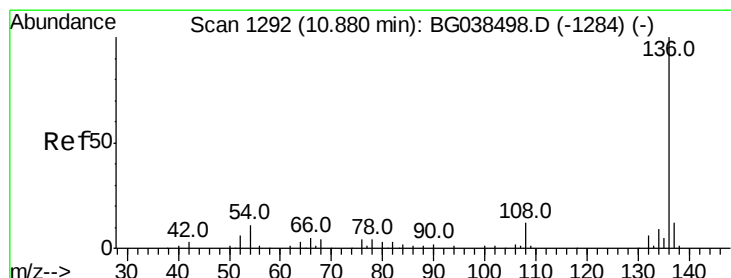
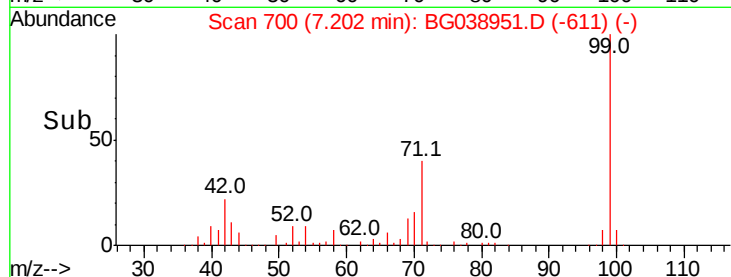
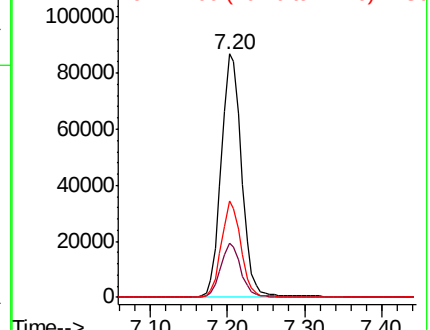
99 100

42 22.3 18.5 27.7

71 39.5 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: BG038951.D

Acq: 5 Jan 2019 6:15

Tgt Ion: 136 Resp: 99656

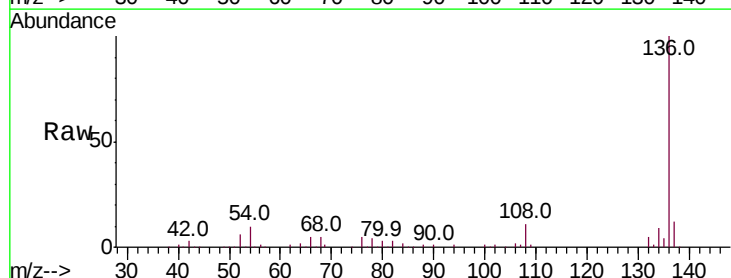
Ion Ratio Lower Upper

136 100

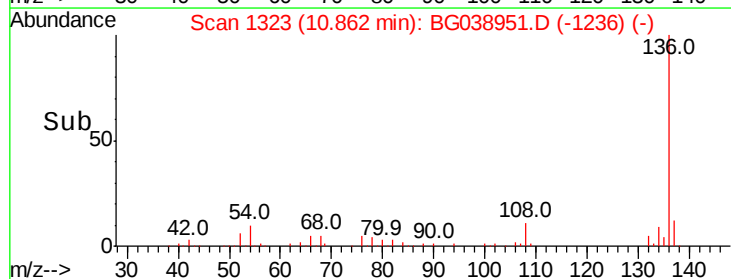
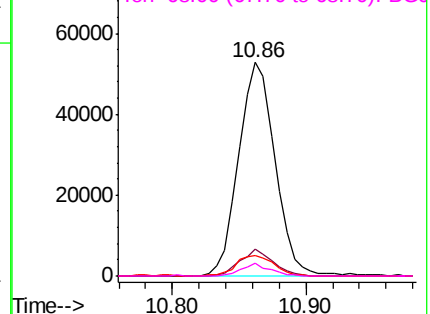
137 12.3 9.3 13.9

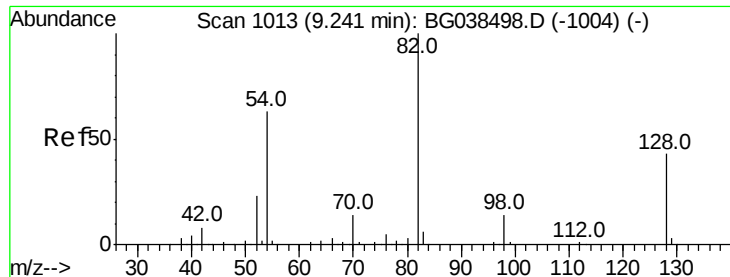
54 9.8 8.5 12.7

68 5.9 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

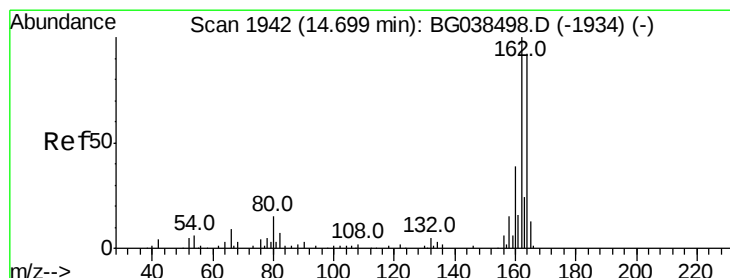
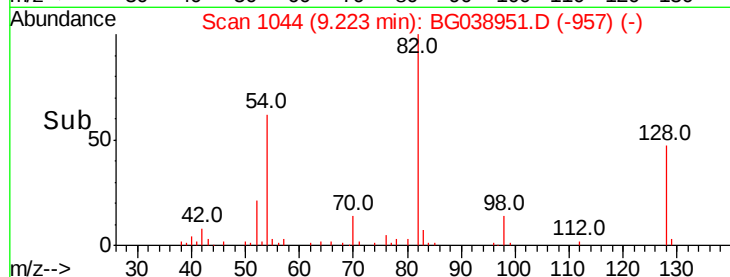
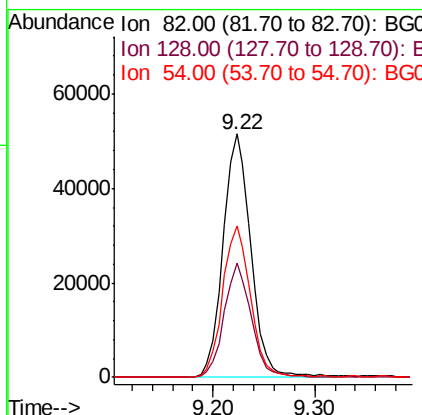
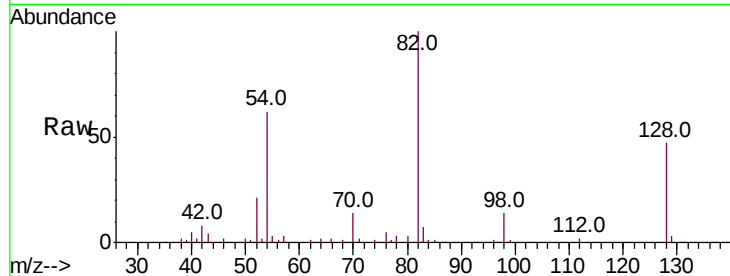




#23
 Nitrobenzene-d5
 Concen: 50.124 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG038951.D
 Acq: 5 Jan 2019 6:15

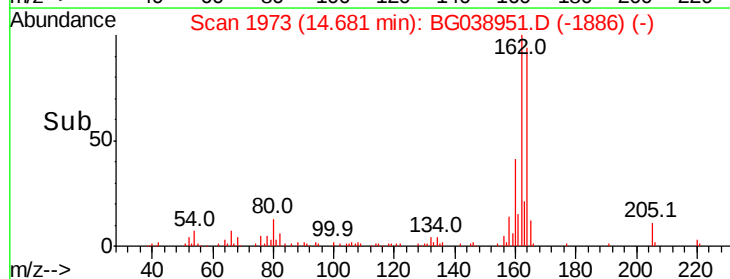
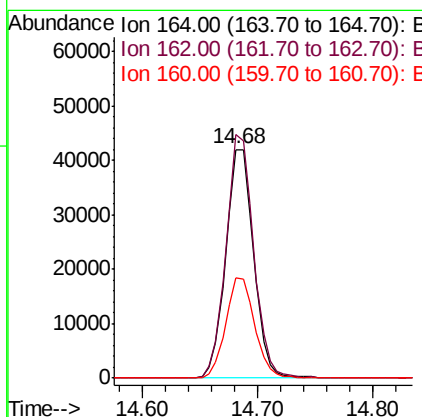
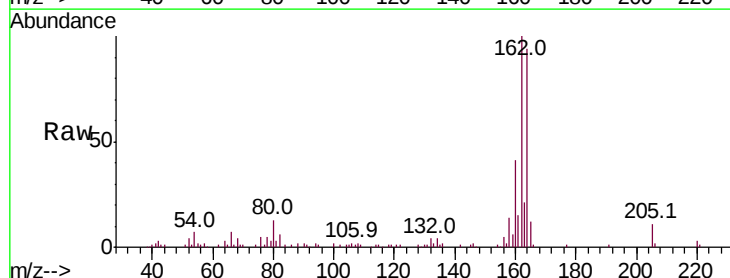
Instrument :
 BNA_G
 ClientSampleId :
 13-A

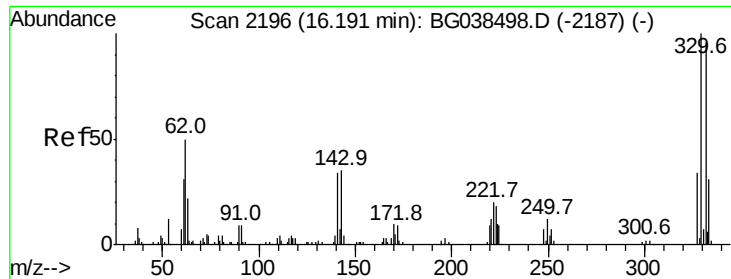
Tot Ion: 82 Resp: 97777
 Ion Ratio Lower Upper
 82 100
 128 47.0 34.6 52.0
 54 62.2 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG038951.D
 Acq: 5 Jan 2019 6:15

Tgt Ion:164 Resp: 70309
 Ion Ratio Lower Upper
 164 100
 162 106.4 86.6 130.0
 160 43.7 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 81.079 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038951.D

Acq: 5 Jan 2019 6:15

Instrument :

BNA_G

ClientSampleId :

13-A

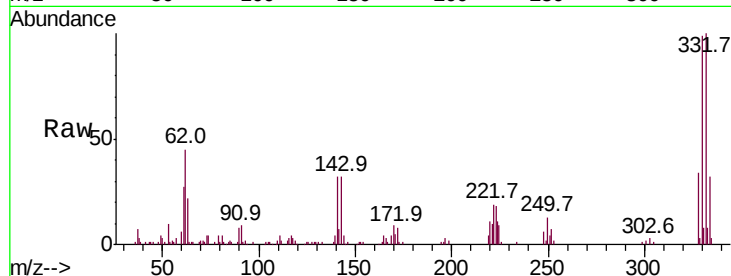
Tot Ion:330 Resp: 78564

Ion Ratio Lower Upper

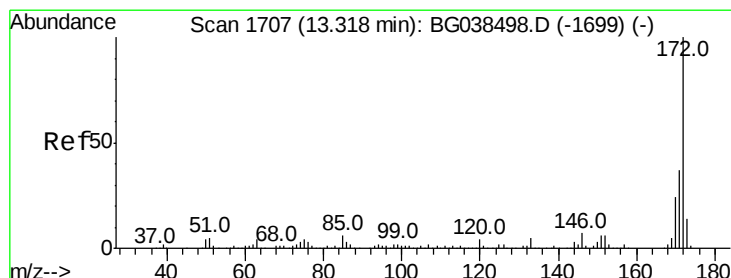
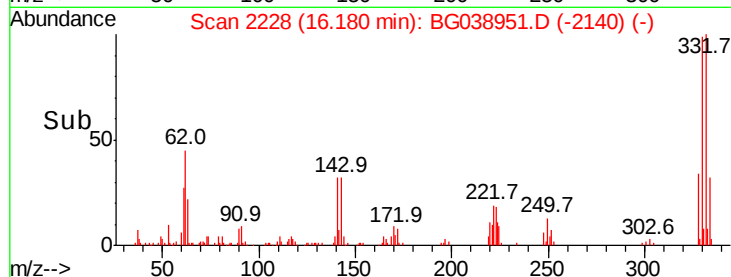
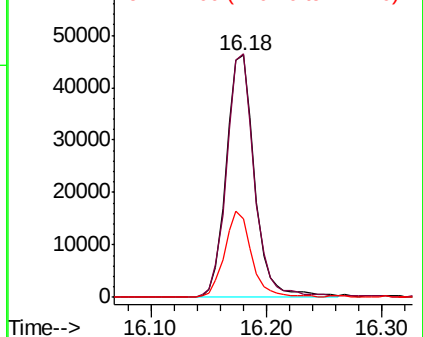
330 100

332 99.7 76.9 115.3

141 33.8 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: 55.600 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG038951.D

Acq: 5 Jan 2019 6:15

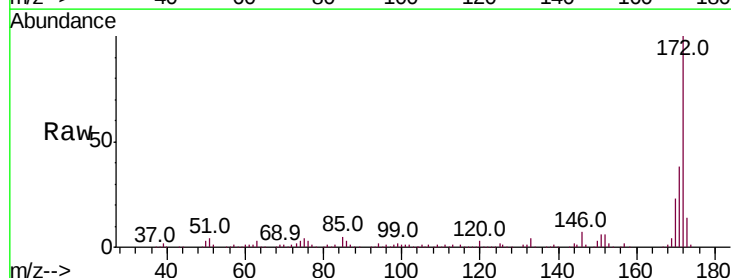
Tgt Ion:172 Resp: 284957

Ion Ratio Lower Upper

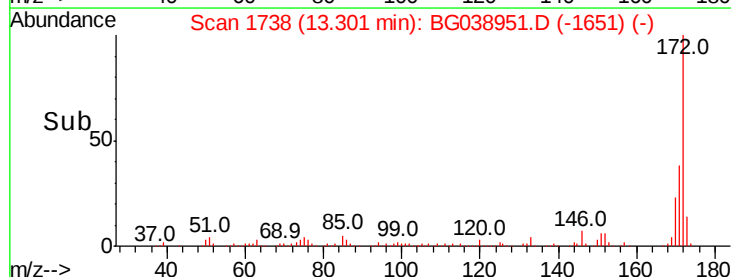
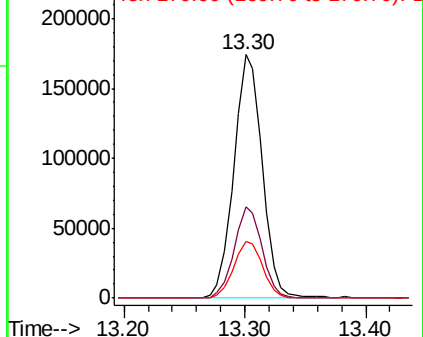
172 100

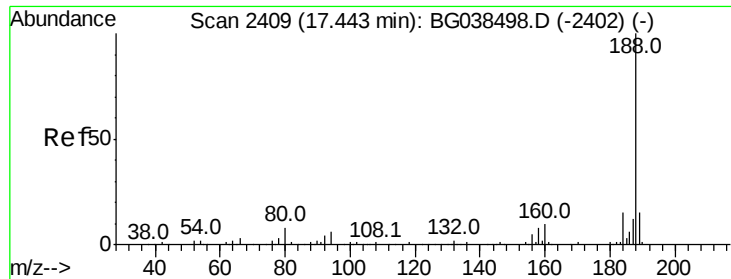
171 37.5 29.8 44.6

170 23.3 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# 2441

Delta R.T. -0.01 min

Lab File: BG038951.D

Acq: 5 Jan 2019 6:15

Instrument :

BNA_G

ClientSampled :

13-A

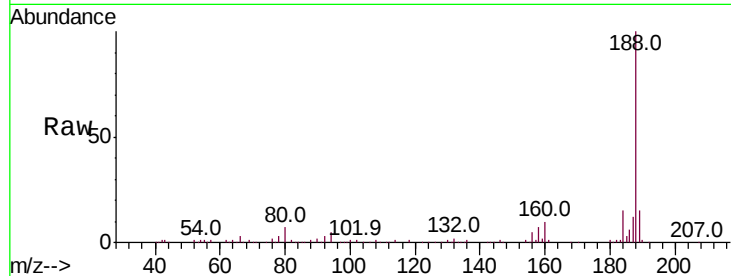
Tot Ion:188 Resp: 162901

Ion Ratio Lower Upper

188 100

94 5.2 5.1 7.7

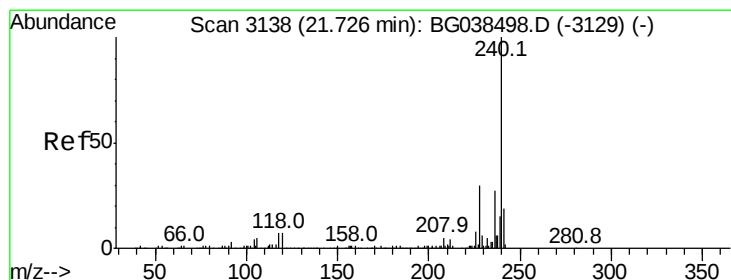
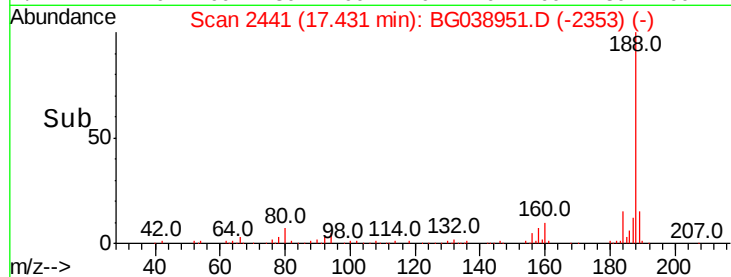
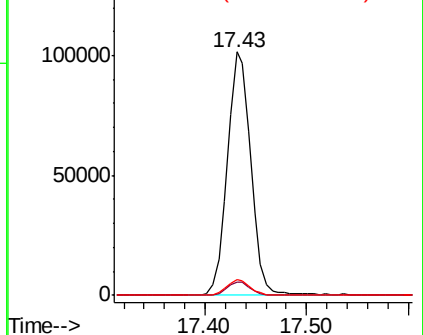
80 6.7 6.1 9.1



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: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG038951.D

Acq: 5 Jan 2019 6:15

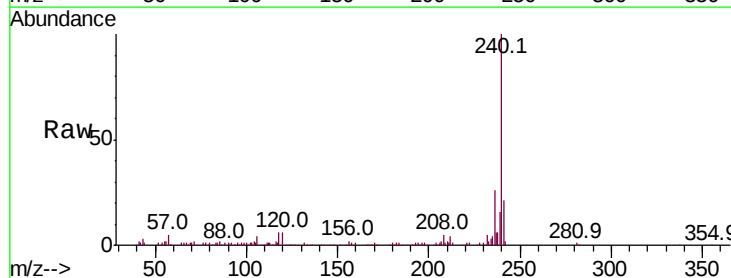
Tgt Ion:240 Resp: 160341

Ion Ratio Lower Upper

240 100

120 5.7 5.3 7.9

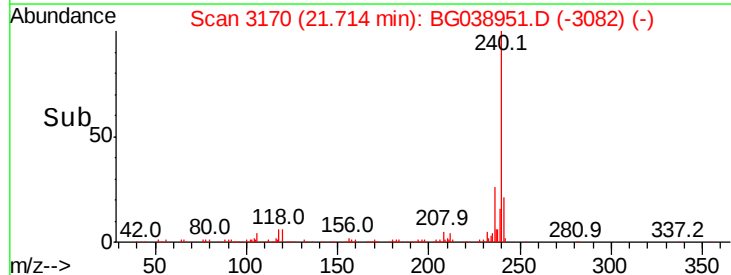
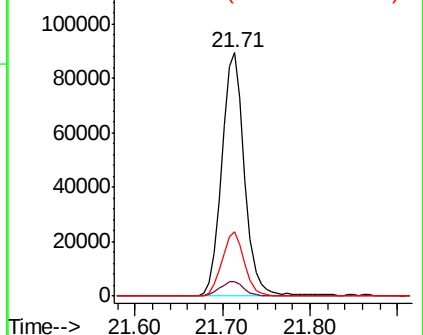
236 26.4 21.4 32.2

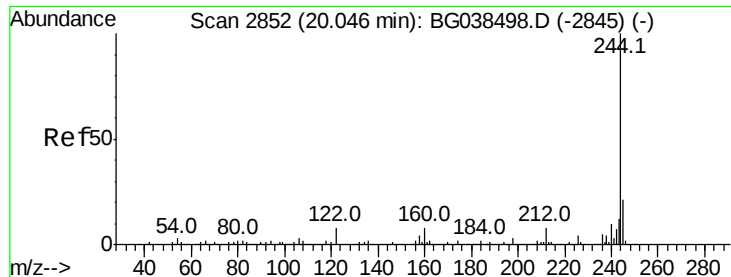


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 62.669 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038951.D

Acq: 5 Jan 2019 6:15

Instrument :

BNA_G

ClientSampleId :

13-A

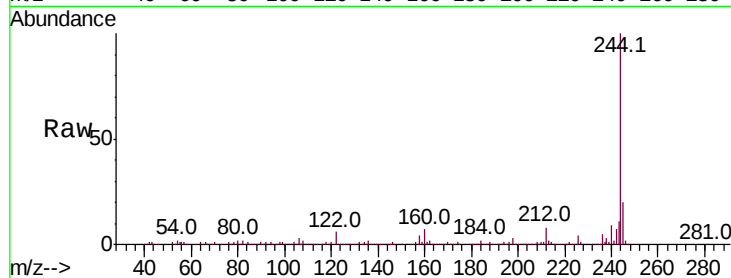
Tot Ion:244 Resp: 461715

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

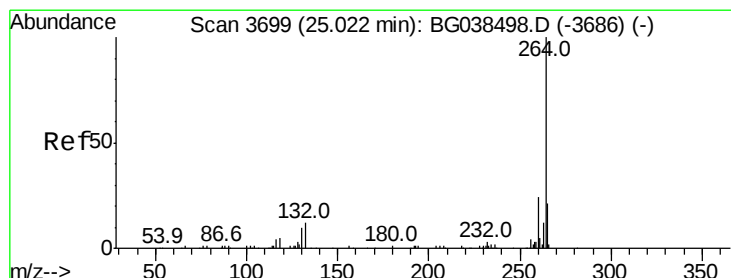
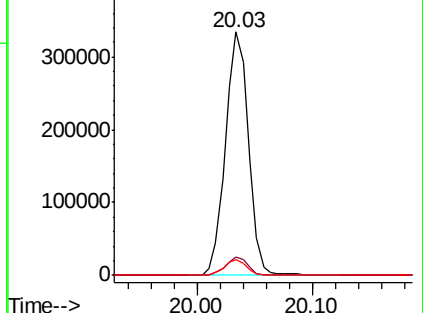
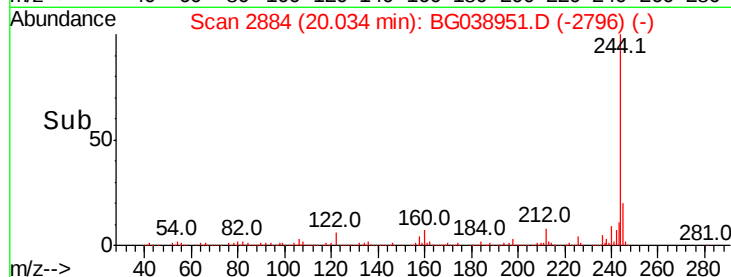
122 6.3 6.3 9.5



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: 25.00 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG038951.D

Acq: 5 Jan 2019 6:15

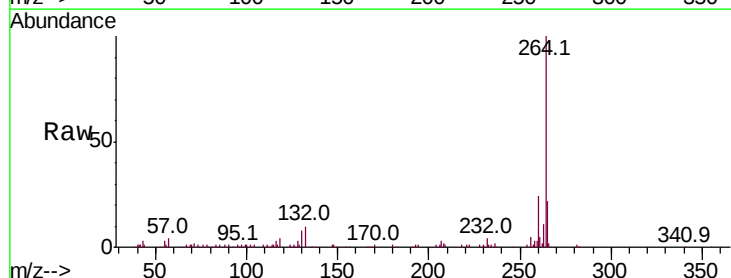
Tgt Ion:264 Resp: 172558

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.7 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

