

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038952.D
 Acq On : 5 Jan 2019 6:54
 Operator : JU/SJ
 Sample : K1036-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 13-B

Quant Time: Jan 06 23:03:32 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	26026	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	106732	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	71279	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	164956	20.00	ng	0.00
76) Chrysene-d12	21.71	240	166013	20.00	ng	-0.01
87) Perylene-d12	25.01	264	178749	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	80697	54.99	ng	0.00
7) Phenol-d6	7.21	99	113725	56.46	ng	0.00
23) Nitrobenzene-d5	9.23	82	71041	34.00	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	57131	58.16	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	191076	36.77	ng	-0.01
79) Terphenyl-d14	20.04	244	324205	42.50	ng	0.00

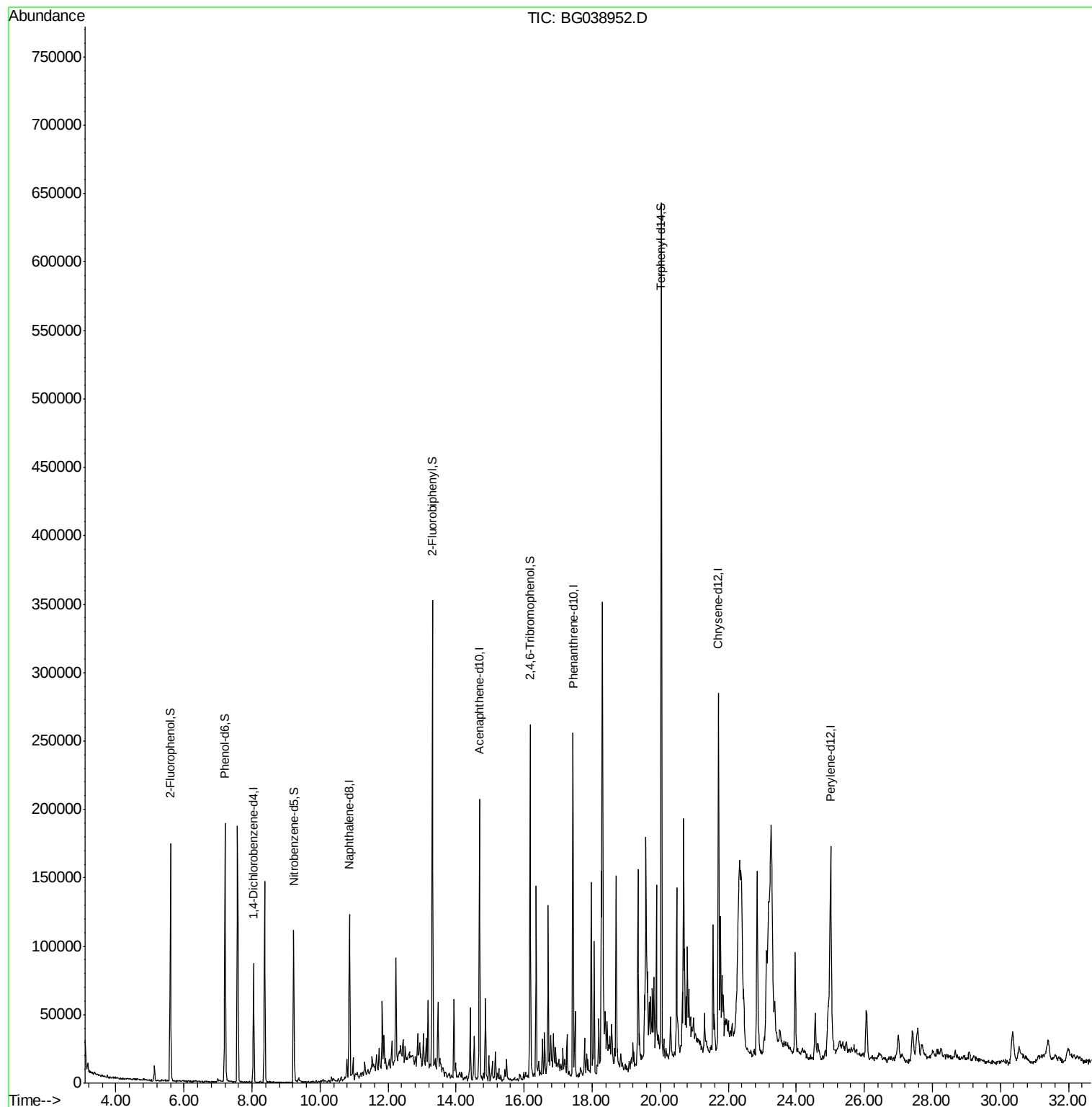
Target Compounds Qvalue

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

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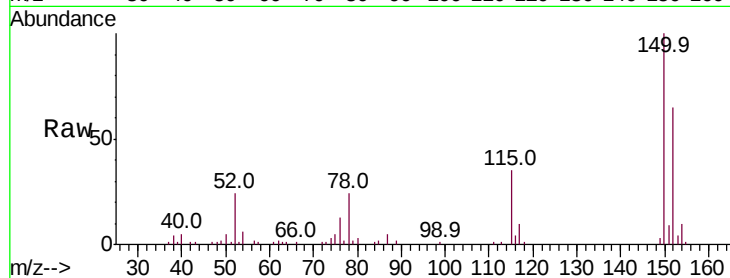


#1

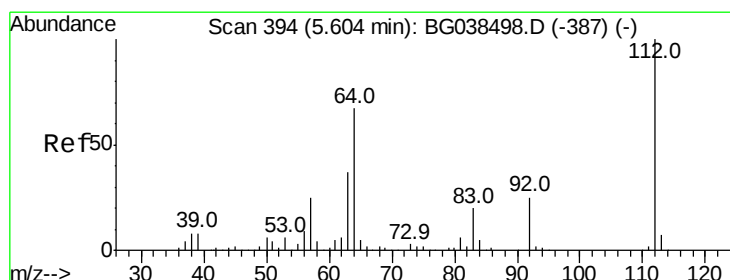
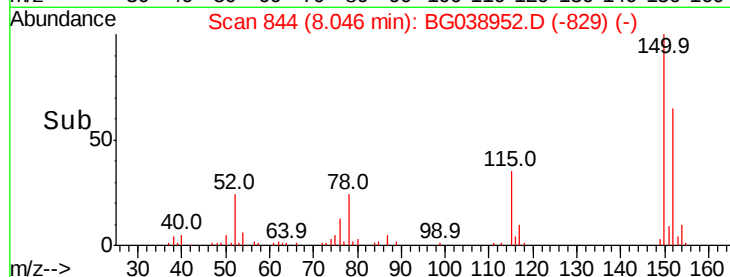
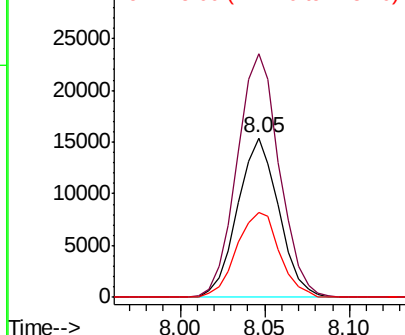
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038952.D
Acq: 5 Jan 2019 6:54

Instrument :
BNA_G
ClientSampleId :
13-B

Tot Ion:152 Resp: 26026
Ion Ratio Lower Upper
152 100
150 152.8 119.5 179.3
115 53.0 49.6 74.4



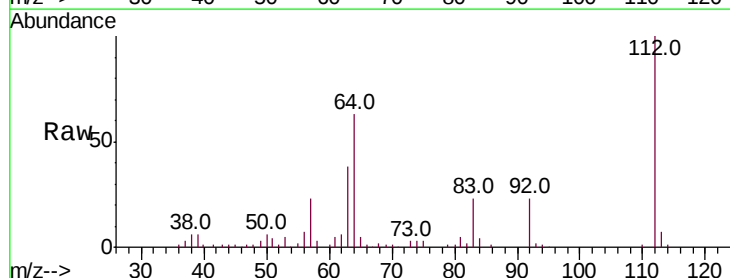
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



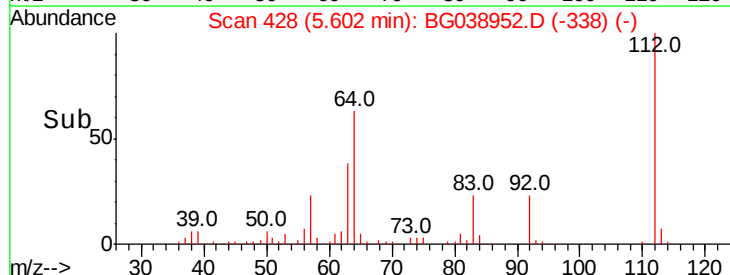
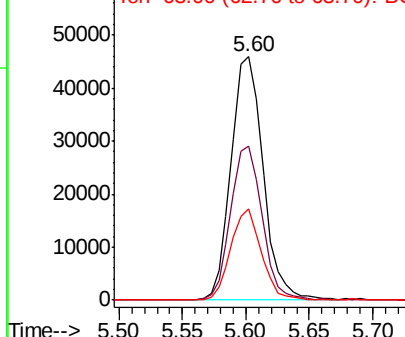
#5

2-Fluorophenol
Concen: 54.994 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038952.D
Acq: 5 Jan 2019 6:54

Tgt Ion:112 Resp: 80697
Ion Ratio Lower Upper
112 100
64 63.3 53.4 80.2
63 37.6 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: 56.456 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038952.D

Acq: 5 Jan 2019 6:54

Instrument :

BNA_G

ClientSampleId :

13-B

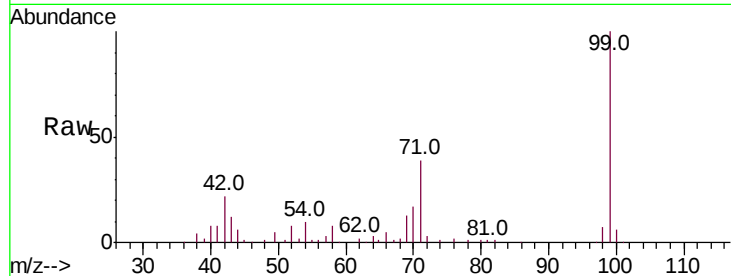
Tot Ion: 99 Resp: 113725

Ion Ratio Lower Upper

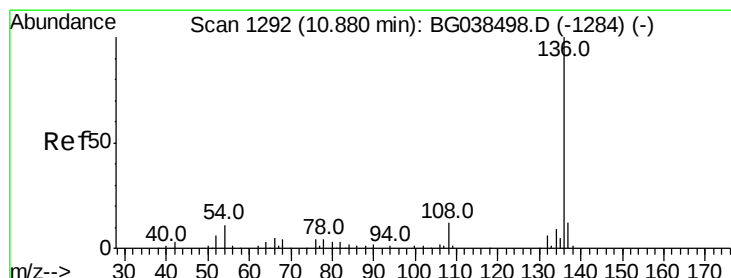
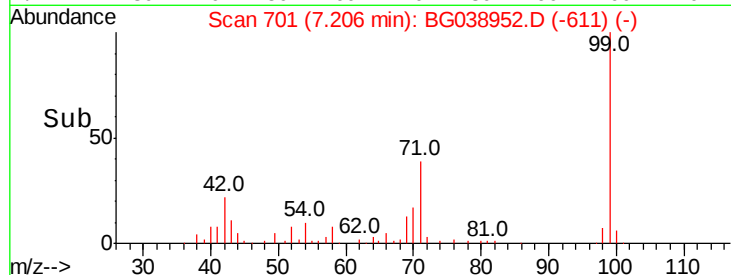
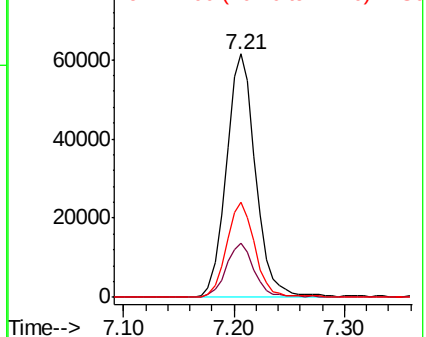
99 100

42 22.2 18.5 27.7

71 39.0 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: BG038952.D

Acq: 5 Jan 2019 6:54

Tgt Ion: 136 Resp: 106732

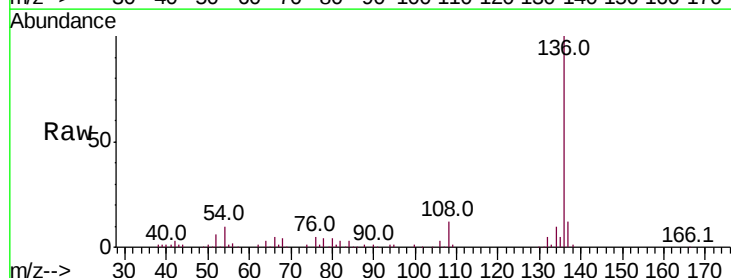
Ion Ratio Lower Upper

136 100

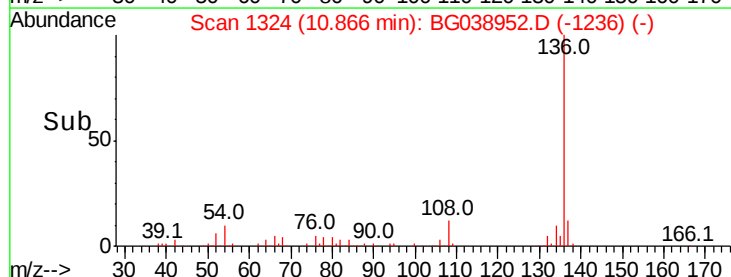
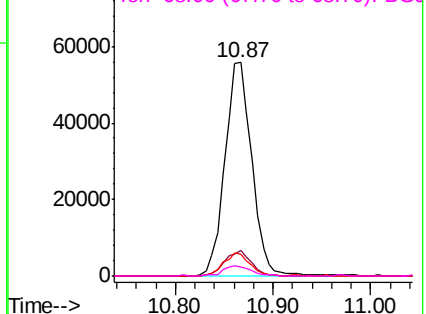
137 12.2 9.3 13.9

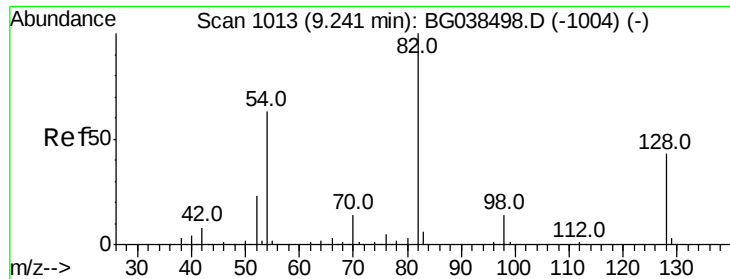
54 10.4 8.5 12.7

68 4.2 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

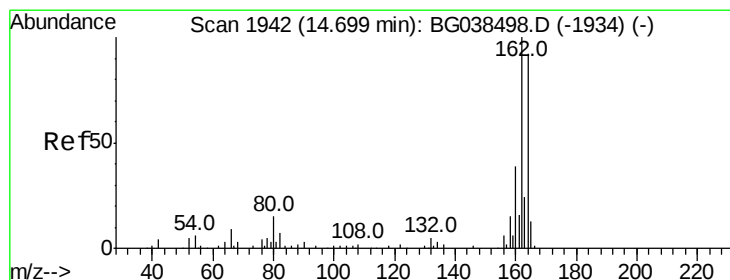
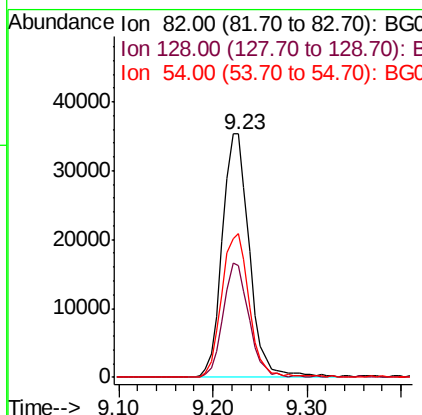
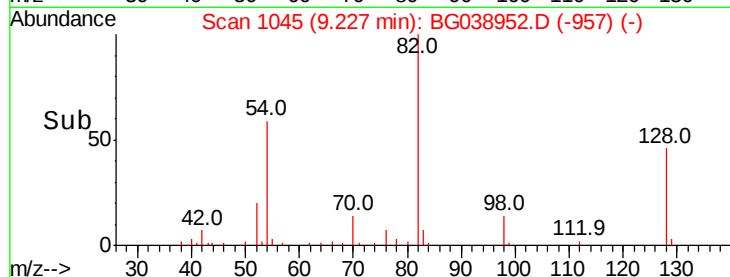
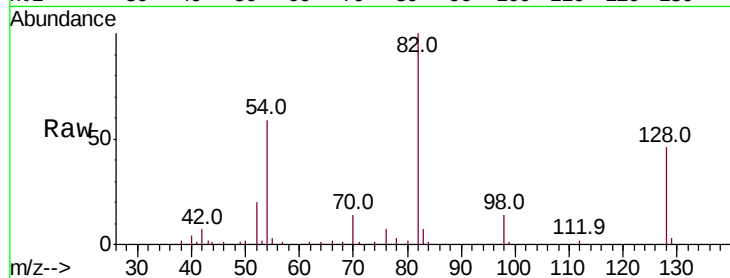




#23
 Nitrobenzene-d5
 Concen: 34.004 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG038952.D
 Acq: 5 Jan 2019 6:54

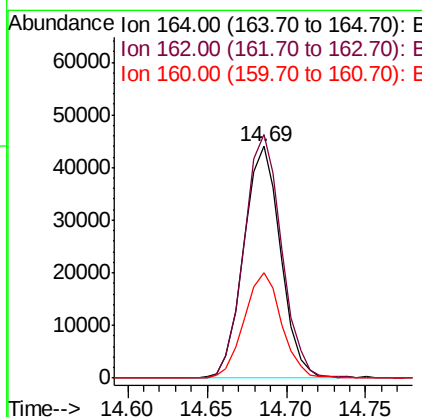
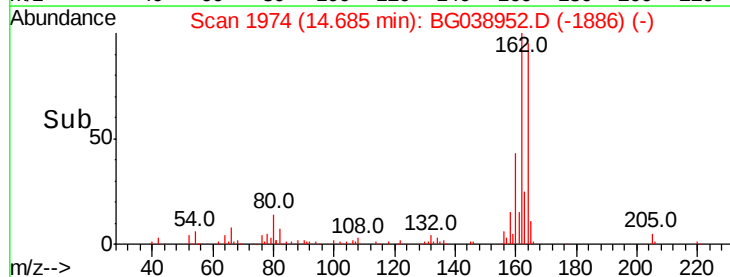
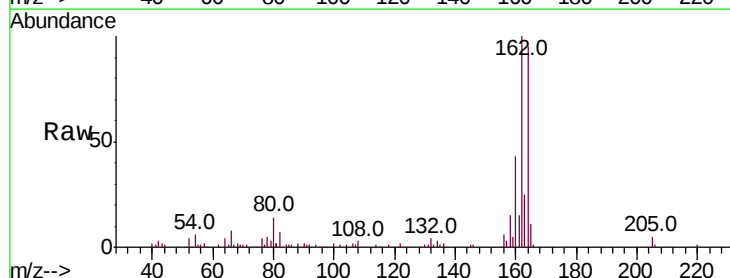
Instrument :
 BNA_G
 ClientSampleID :
 13-B

Tot Ion: 82 Resp: 71041
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.6 52.0
 54 59.2 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: BG038952.D
 Acq: 5 Jan 2019 6:54

Tgt Ion:164 Resp: 71279
 Ion Ratio Lower Upper
 164 100
 162 105.2 86.6 130.0
 160 45.4 34.2 51.2

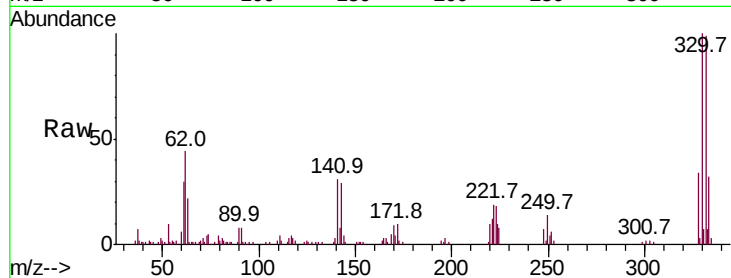




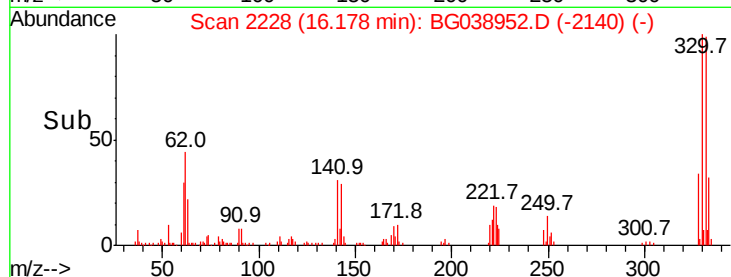
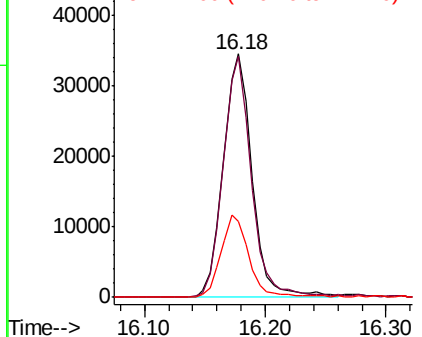
#42
 2,4,6-Tribromophenol
 Concen: 58.157 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038952.D
 Acq: 5 Jan 2019 6:54

Instrument :
 BNA_G
 ClientSampleId :
 13-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	32.8	28.8	43.2

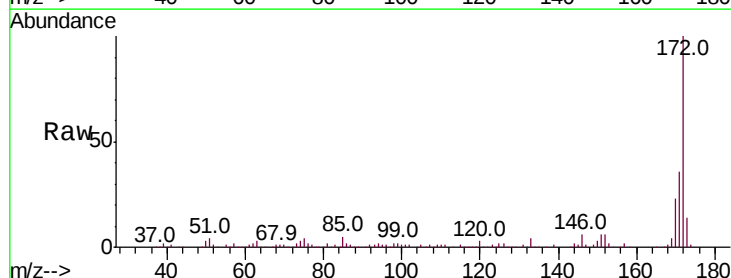


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

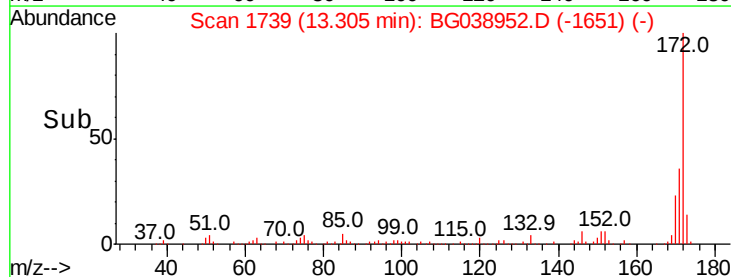
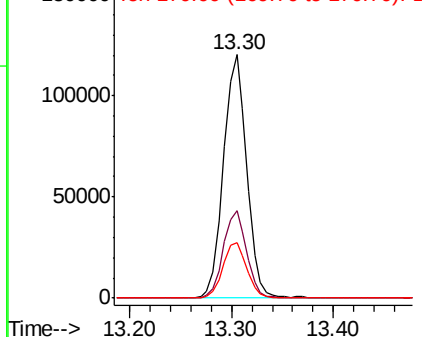


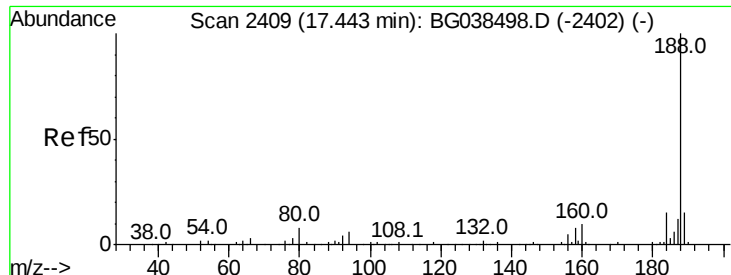
#45
 2-Fluorobiphenyl
 Concen: 36.775 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG038952.D
 Acq: 5 Jan 2019 6:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.8	44.6
170	22.5	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

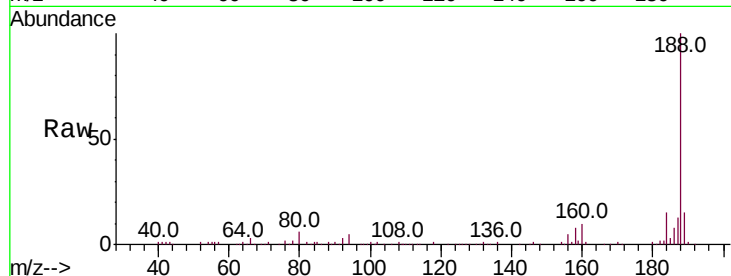




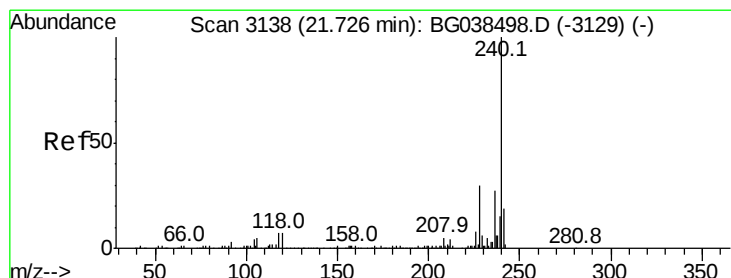
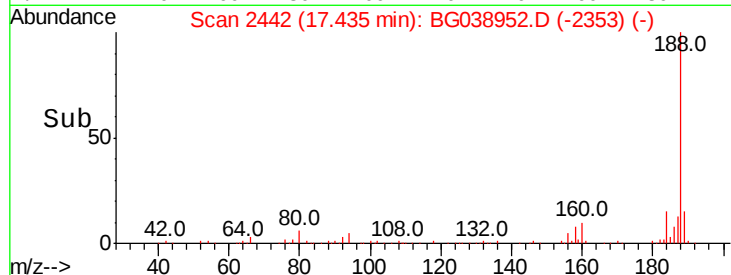
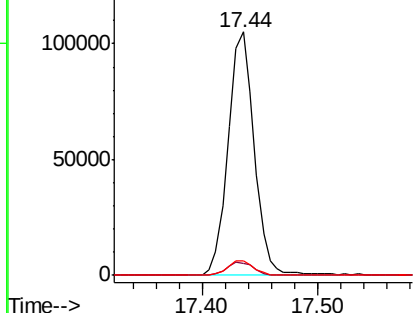
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG038952.D
 Acq: 5 Jan 2019 6:54

Instrument :
 BNA_G
 ClientSampled :
 13-B

Tot Ion:188 Resp: 164956
 Ion Ratio Lower Upper
 188 100
 94 4.8 5.1 7.7#
 80 5.9 6.1 9.1#

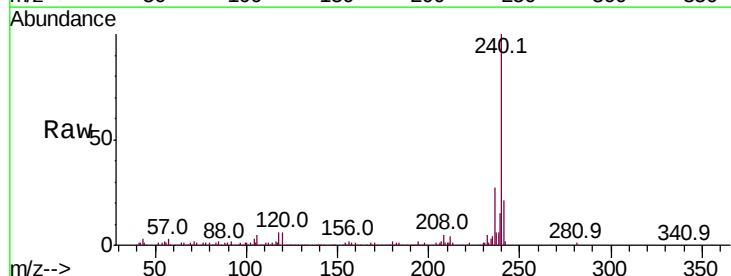


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

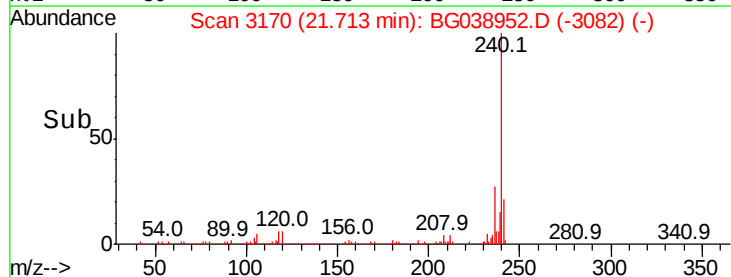
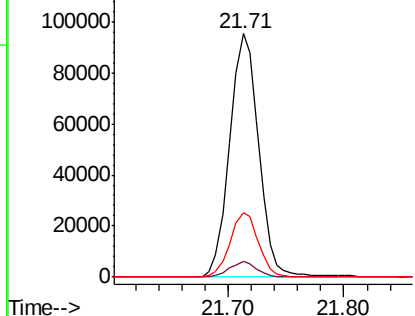


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038952.D
 Acq: 5 Jan 2019 6:54

Tgt Ion:240 Resp: 166013
 Ion Ratio Lower Upper
 240 100
 120 6.3 5.3 7.9
 236 26.6 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: 42.501 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038952.D

Acq: 5 Jan 2019 6:54

Instrument :

BNA_G

ClientSampleId :

13-B

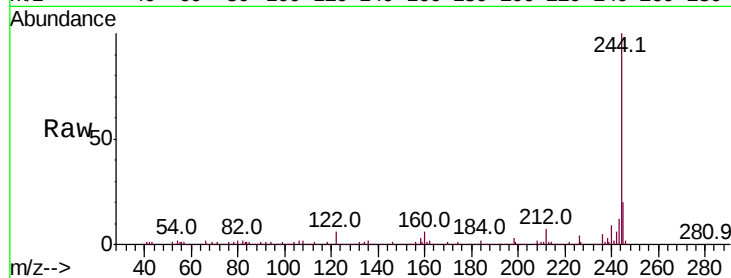
Tot Ion:244 Resp: 324205

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

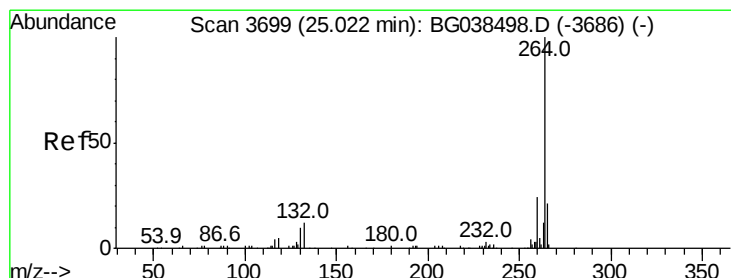
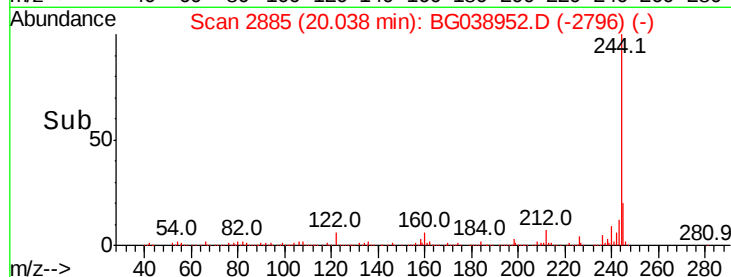
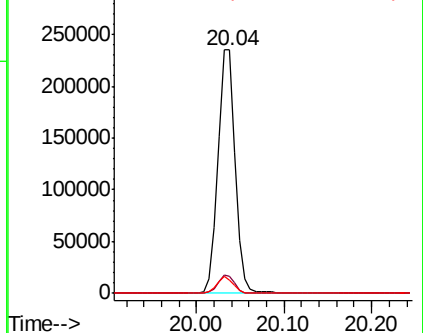
122 5.6 6.3 9.5#



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: BG038952.D

Acq: 5 Jan 2019 6:54

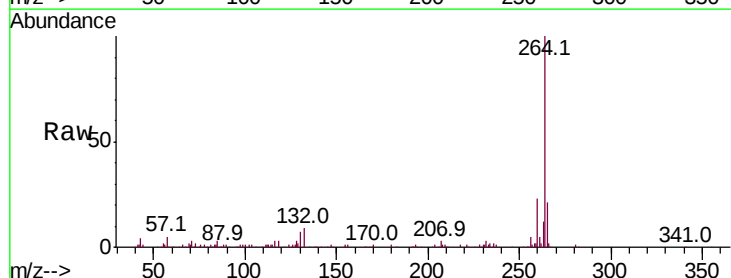
Tgt Ion:264 Resp: 178749

Ion Ratio Lower Upper

264 100

260 22.6 18.9 28.3

265 20.7 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

