

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038954.D
 Acq On : 5 Jan 2019 8:13
 Operator : JU/SJ
 Sample : K1036-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 13-F

Quant Time: Jan 06 23:05:57 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

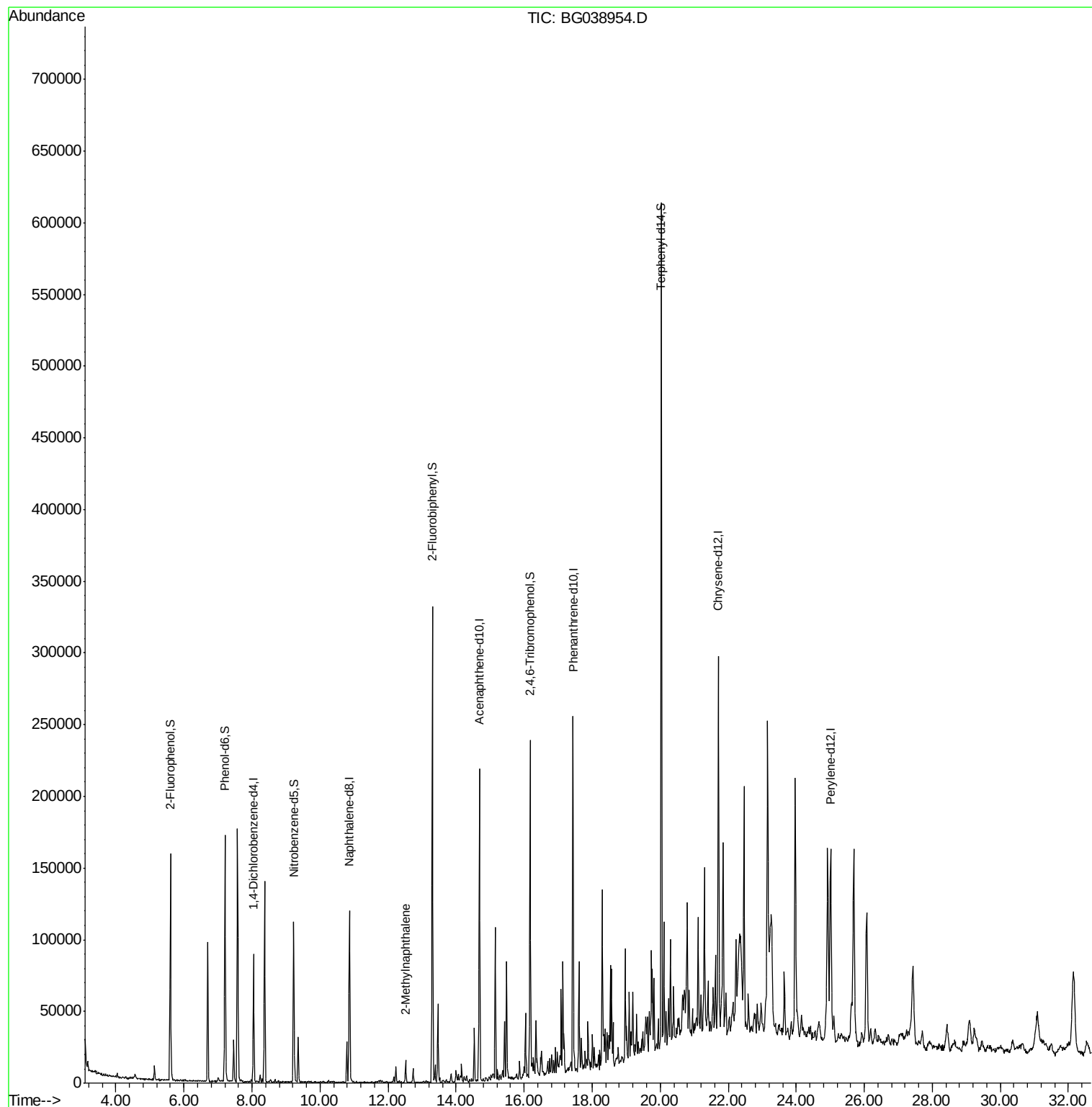
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	25209	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	107181	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	74083	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	169144	20.00	ng	0.00
76) Chrysene-d12	21.71	240	163446	20.00	ng	-0.01
87) Perylene-d12	25.02	264	168548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	73666	51.83	ng	0.00
7) Phenol-d6	7.21	99	103358	52.97	ng	0.00
23) Nitrobenzene-d5	9.22	82	65338	31.14	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	53612	52.51	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	190214	35.22	ng	-0.01
79) Terphenyl-d14	20.03	244	302819	40.32	ng	-0.01
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.52	142	8886	2.359	ng	95

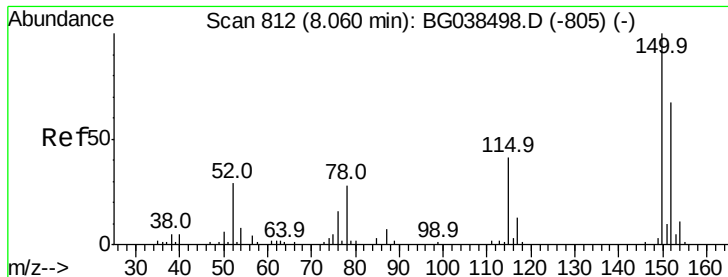
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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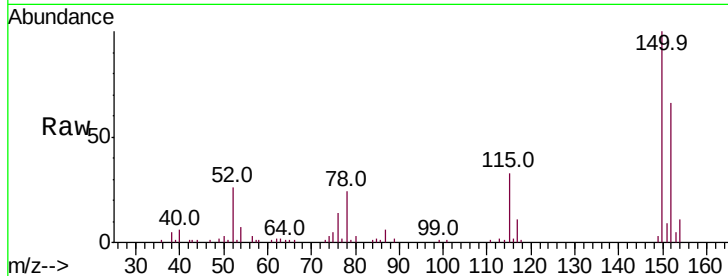


#1

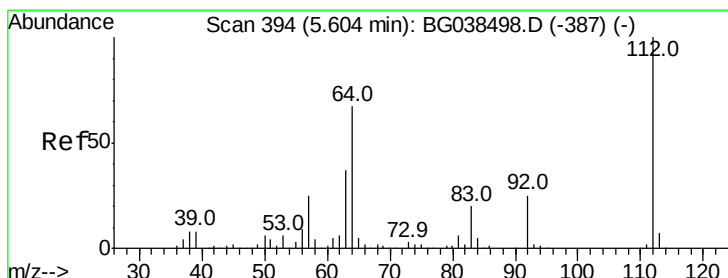
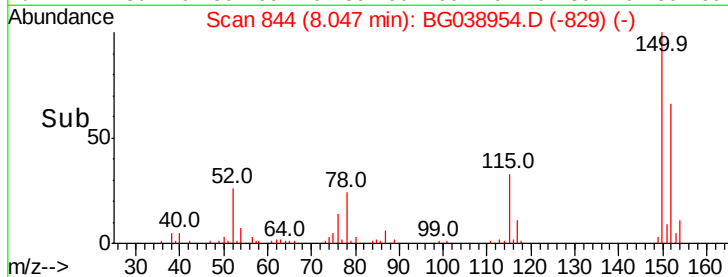
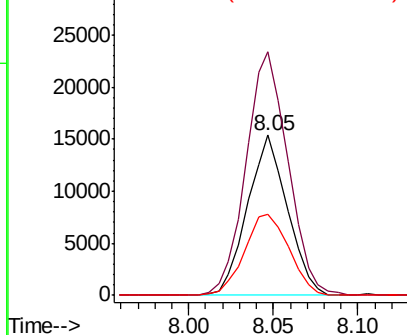
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038954.D
Acq: 5 Jan 2019 8:13

Instrument :
BNA_G
ClientSampleId :
13-F

Tot Ion:152 Resp: 25209
Ion Ratio Lower Upper
152 100
150 152.0 119.5 179.3
115 50.3 49.6 74.4



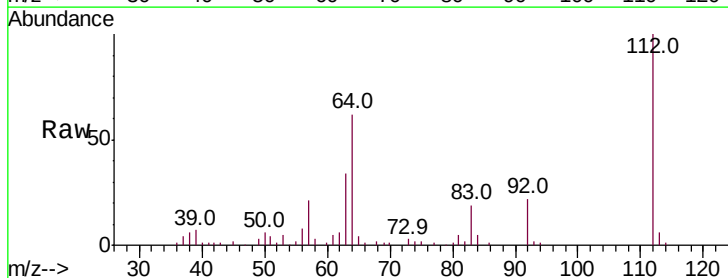
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



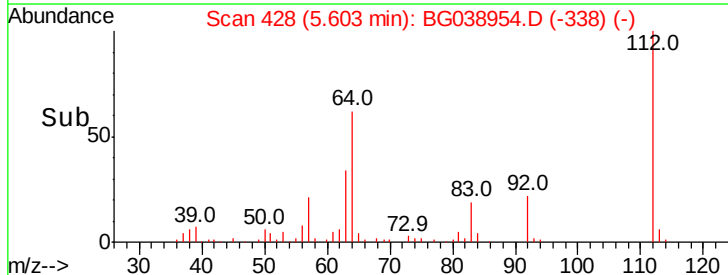
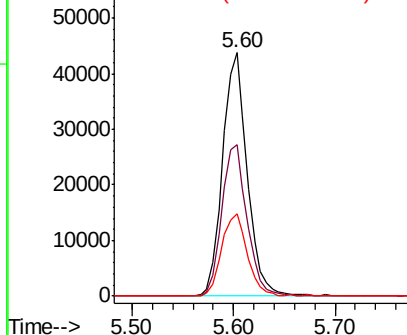
#5

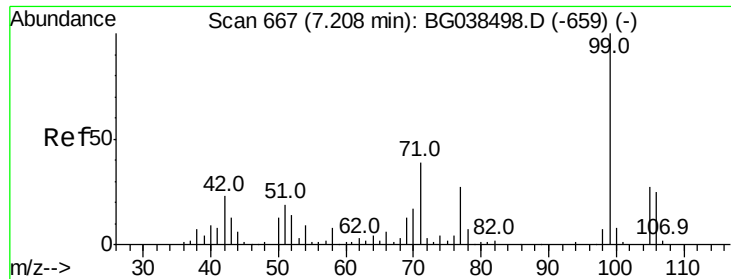
2-Fluorophenol
Concen: 51.830 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038954.D
Acq: 5 Jan 2019 8:13

Tgt Ion:112 Resp: 73666
Ion Ratio Lower Upper
112 100
64 62.1 53.4 80.2
63 33.8 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: 52.972 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038954.D

Acq: 5 Jan 2019 8:13

Instrument :

BNA_G

ClientSampleId :

13-F

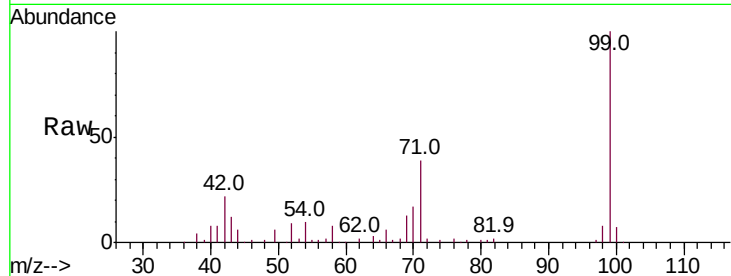
Tot Ion: 99 Resp: 103358

Ion Ratio Lower Upper

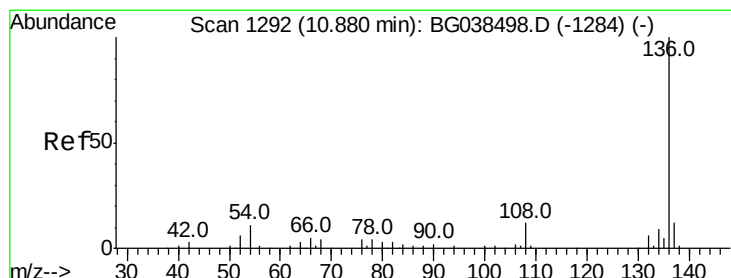
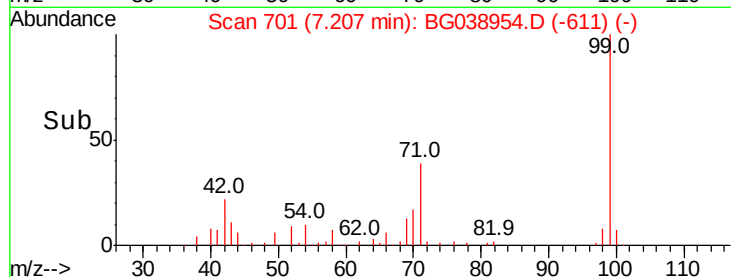
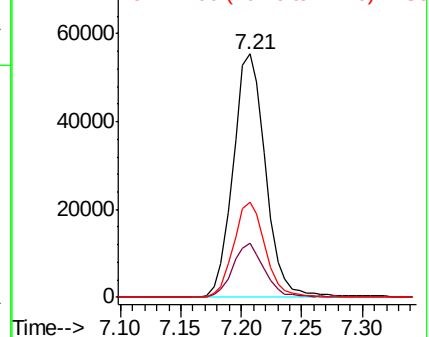
99 100

42 22.1 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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG038954.D

Acq: 5 Jan 2019 8:13

Tgt Ion: 136 Resp: 107181

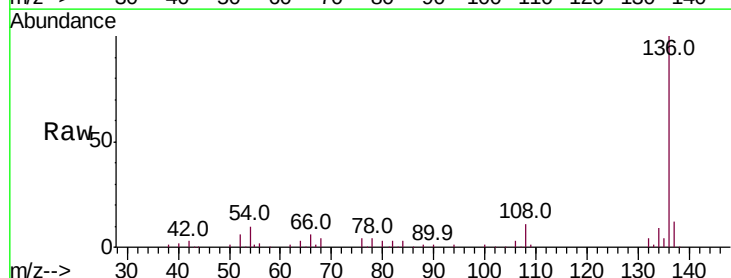
Ion Ratio Lower Upper

136 100

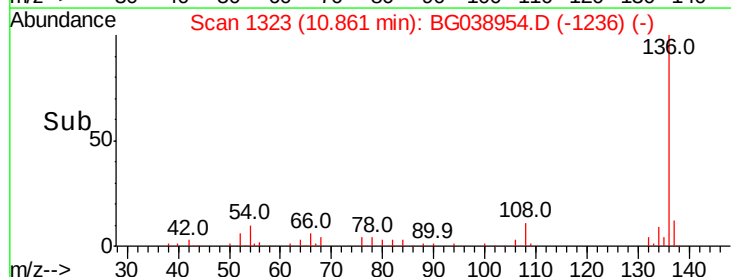
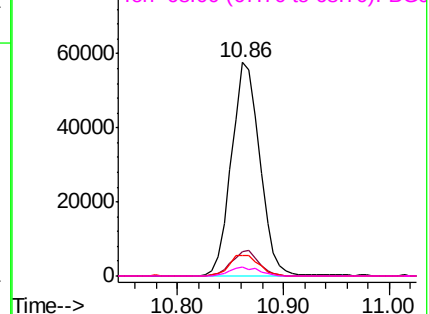
137 11.5 9.3 13.9

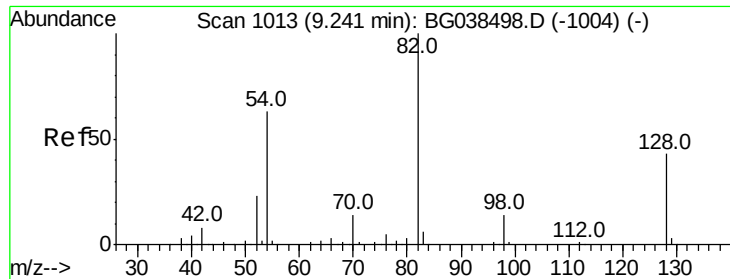
54 9.6 8.5 12.7

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

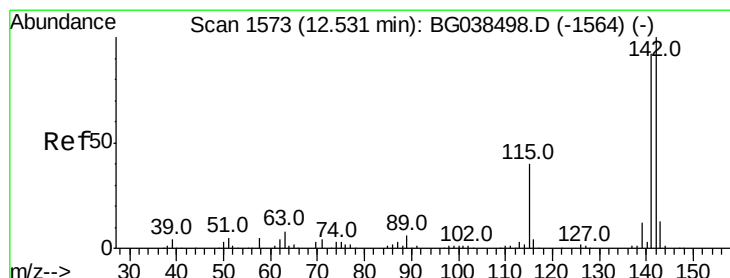
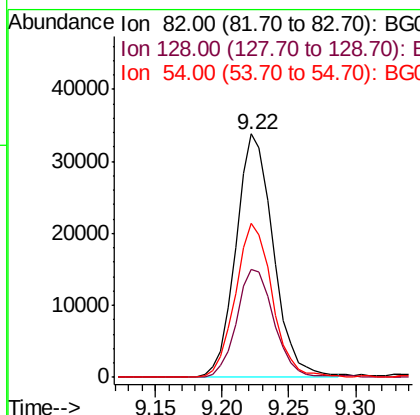
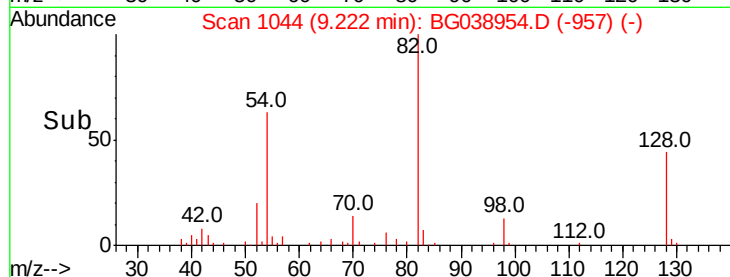
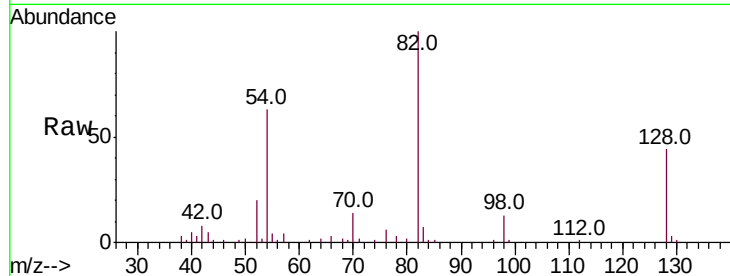




#23
Nitrobenzene-d5
Concen: 31.143 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038954.D
Acq: 5 Jan 2019 8:13

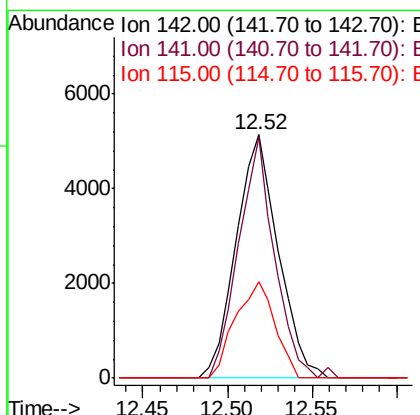
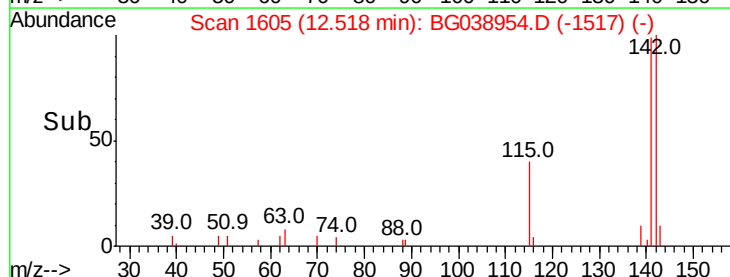
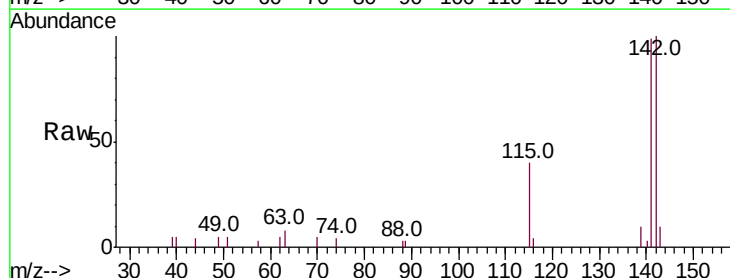
Instrument :
BNA_G
ClientSampled :
13-F

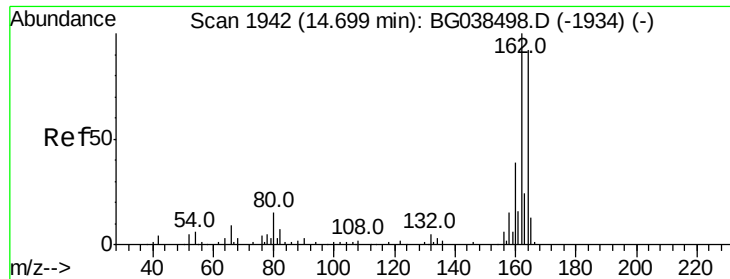
Tot Ion: 82 Resp: 65338
Ion Ratio Lower Upper
82 100
128 44.2 34.6 52.0
54 63.0 50.6 76.0



#37
2-Methylnaphthalene
Concen: 2.359 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG038954.D
Acq: 5 Jan 2019 8:13

Tgt Ion: 142 Resp: 8886
Ion Ratio Lower Upper
142 100
141 98.8 73.5 110.3
115 39.8 31.7 47.5

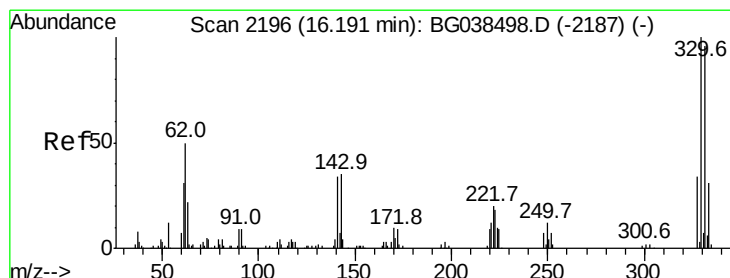
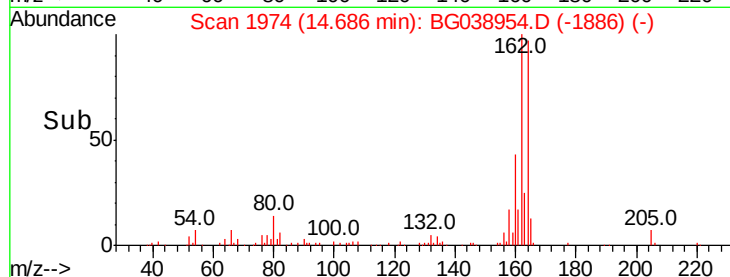
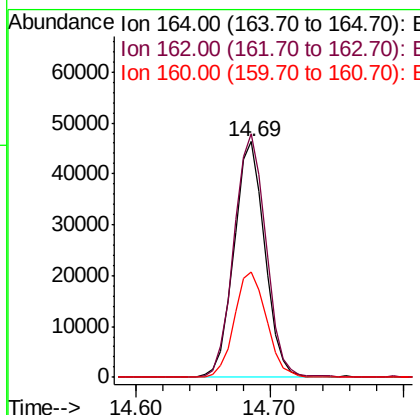
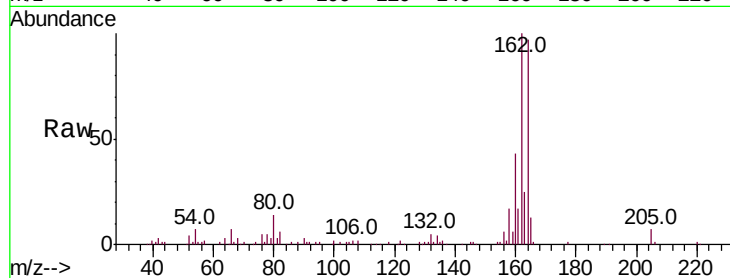




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG038954.D
Acq: 5 Jan 2019 8:13

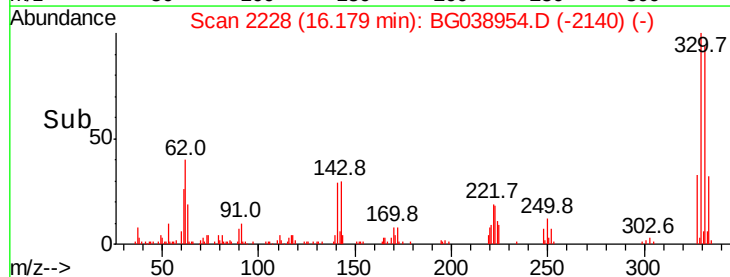
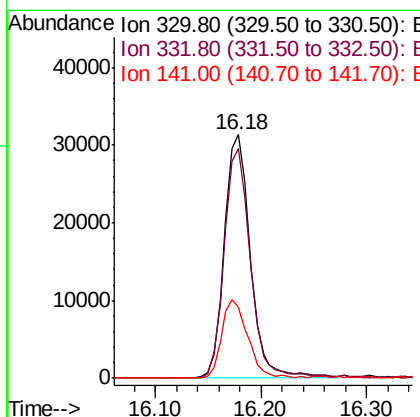
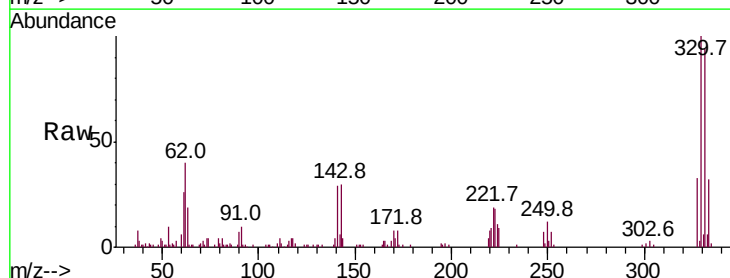
Instrument :
BNA_G
ClientSampleId :
13-F

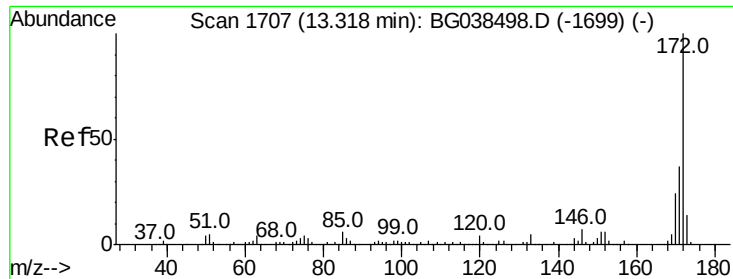
Tot Ion:164 Resp: 74083
Ion Ratio Lower Upper
164 100
162 103.3 86.6 130.0
160 44.5 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 52.509 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BG038954.D
Acq: 5 Jan 2019 8:13

Tgt Ion:330 Resp: 53612
Ion Ratio Lower Upper
330 100
332 95.2 76.9 115.3
141 32.1 28.8 43.2

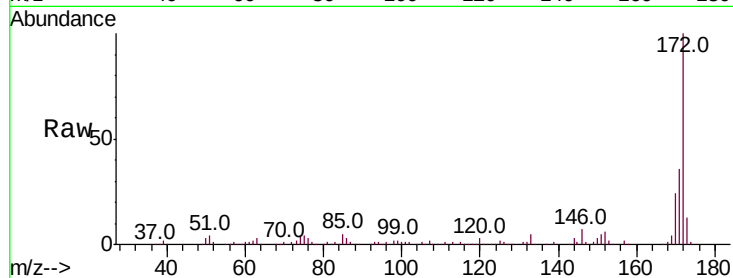




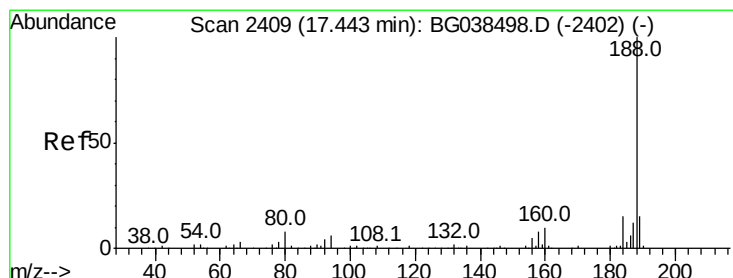
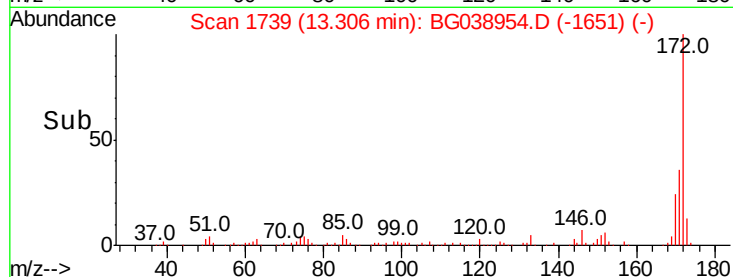
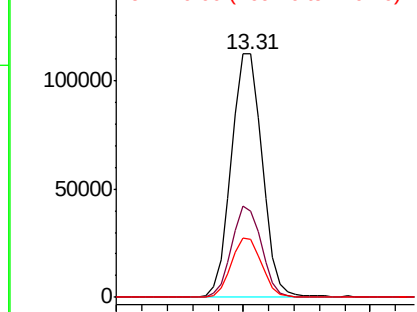
#45
 2-Fluorobiphenyl
 Concen: 35.223 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG038954.D
 Acq: 5 Jan 2019 8:13

Instrument :
 BNA_G
 ClientSampleId :
 13-F

Tot Ion:172 Resp: 190214
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.8 44.6
 170 23.7 19.5 29.3

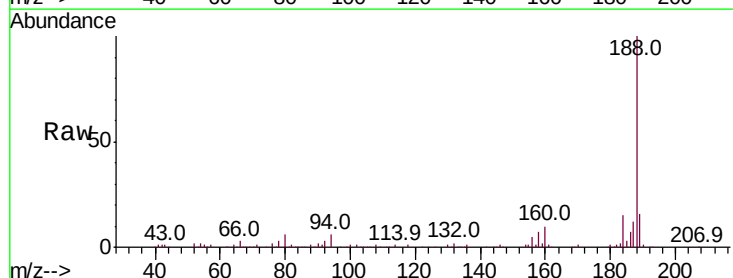


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

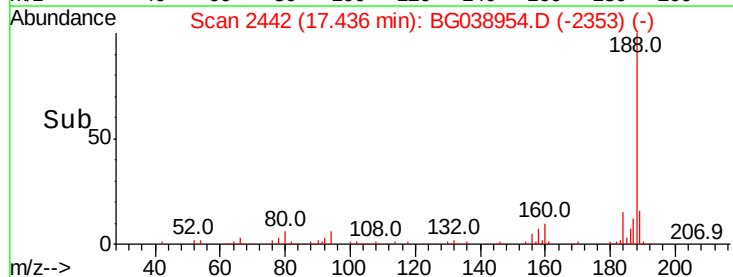
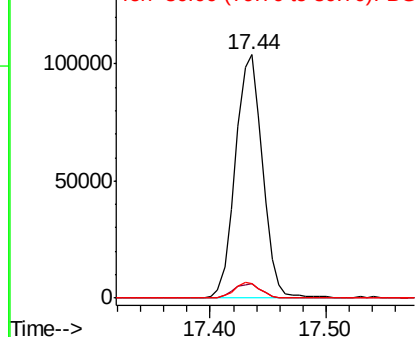


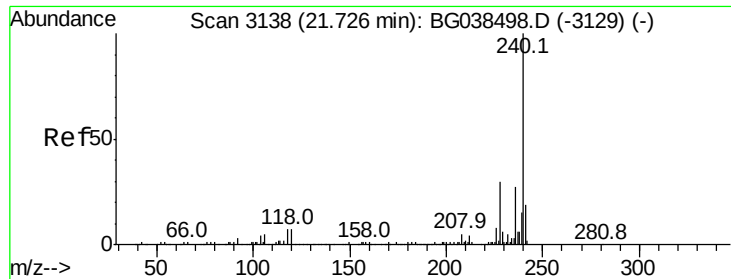
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG038954.D
 Acq: 5 Jan 2019 8:13

Tgt Ion:188 Resp: 169144
 Ion Ratio Lower Upper
 188 100
 94 5.7 5.1 7.7
 80 6.0 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: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG038954.D

Acq: 5 Jan 2019 8:13

Instrument :

BNA_G

ClientSampleId :

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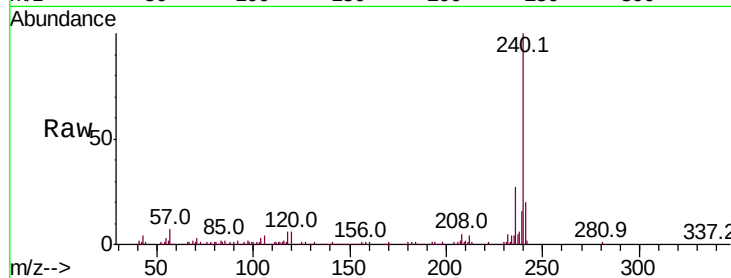
Tot Ion:240 Resp: 163446

Ion Ratio Lower Upper

240 100

120 5.8 5.3 7.9

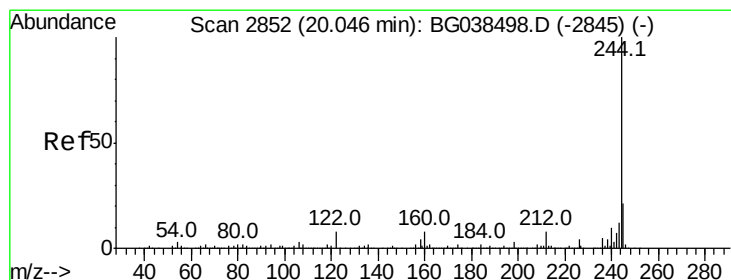
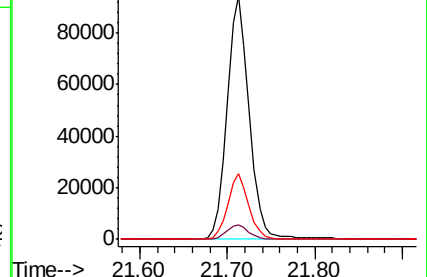
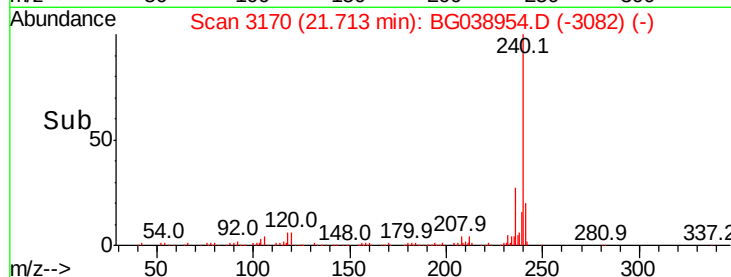
236 26.9 21.4 32.2



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: 40.321 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038954.D

Acq: 5 Jan 2019 8:13

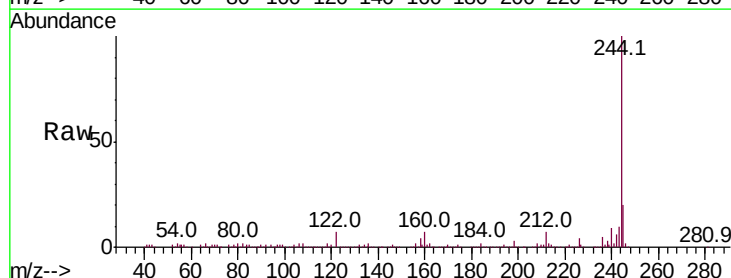
Tgt Ion:244 Resp: 302819

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

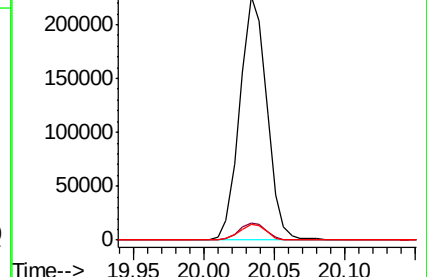
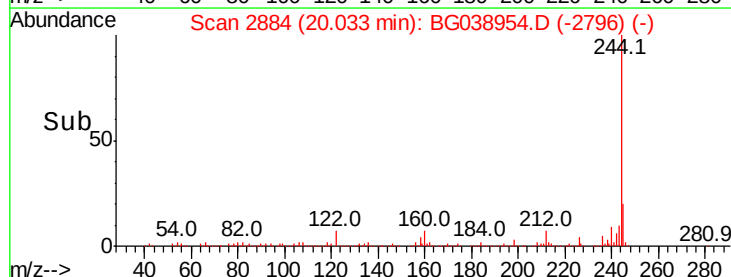
122 6.7 6.3 9.5

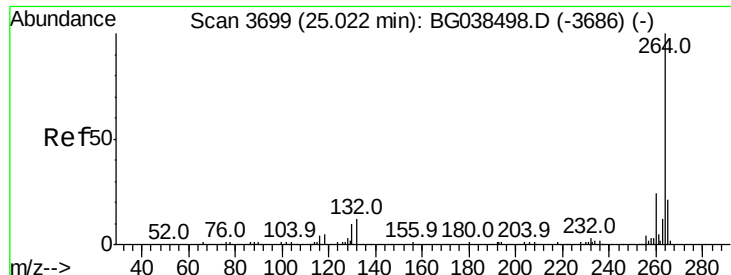


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

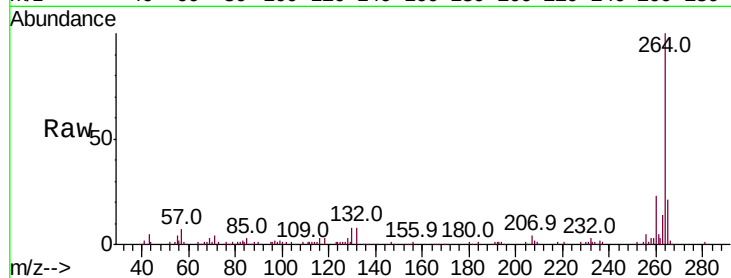




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3732
 Delta R.T. -0.01 min
 Lab File: BG038954.D
 Acq: 5 Jan 2019 8:13

Instrument :
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 ClientSampleId :
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Tot Ion:	264	Resp:	168548
Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.9	28.3
265	21.1	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

