

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038988.D
 Acq On : 8 Jan 2019 7:01
 Operator : JU/SJ
 Sample : K1064-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-1419-S

Quant Time: Jan 08 08:17:11 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	27592	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	109142	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	71483	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	170785	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	179527	20.00	ng	-0.02
87) Perylene-d12	25.00	264	188359	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	177723	114.24	ng	0.00
7) Phenol-d6	7.21	99	210818	98.72	ng	0.00
23) Nitrobenzene-d5	9.22	82	165392	77.42	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	137660	139.73	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	436208	83.71	ng	-0.02
79) Terphenyl-d14	20.03	244	790079	95.78	ng	-0.01

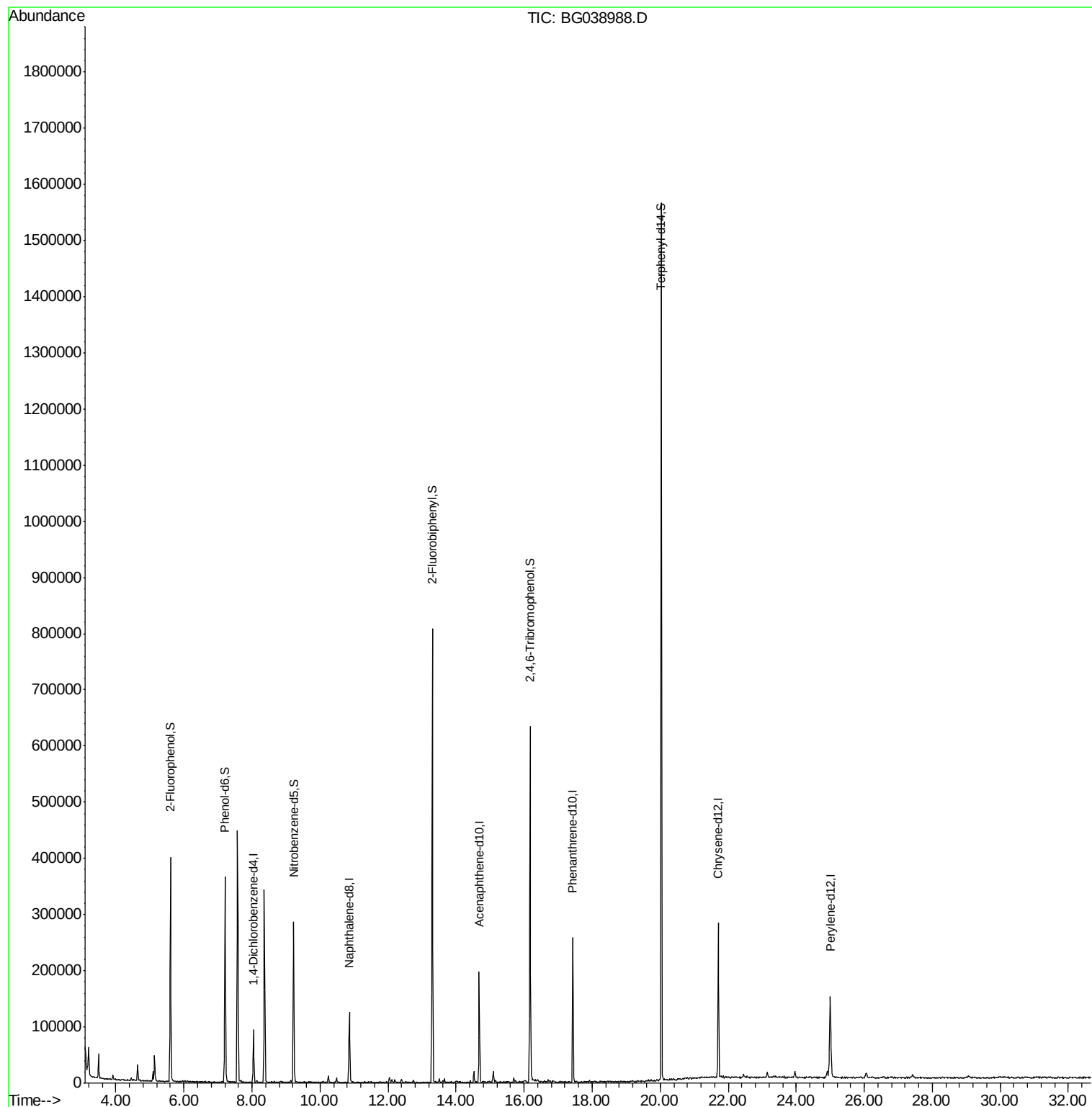
Target Compounds Qvalue

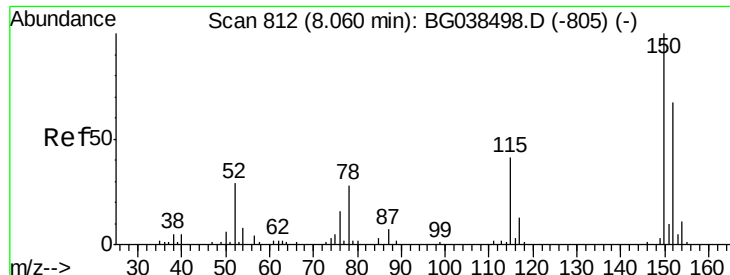
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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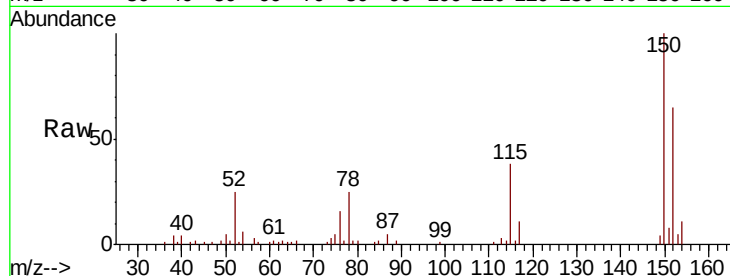


#1

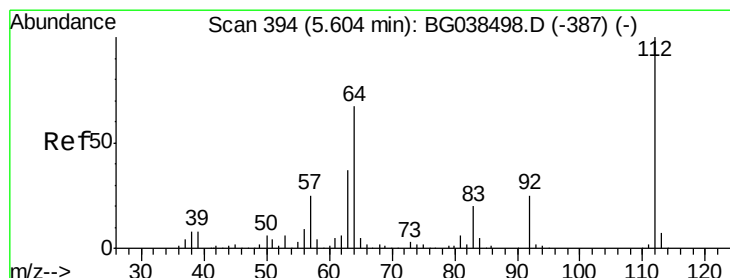
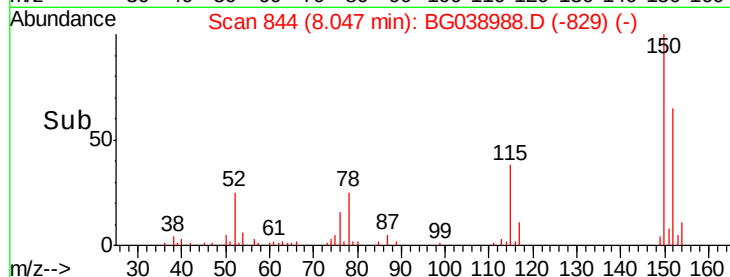
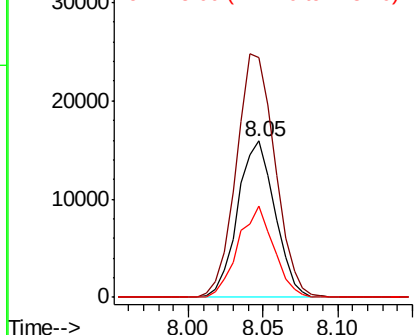
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038988.D
Acq: 8 Jan 2019 7:01

Instrument :
BNA_G
ClientSampleId :
P-1419-S

Tot Ion:152 Resp: 27592
Ion Ratio Lower Upper
152 100
150 153.8 119.5 179.3
115 58.7 49.6 74.4



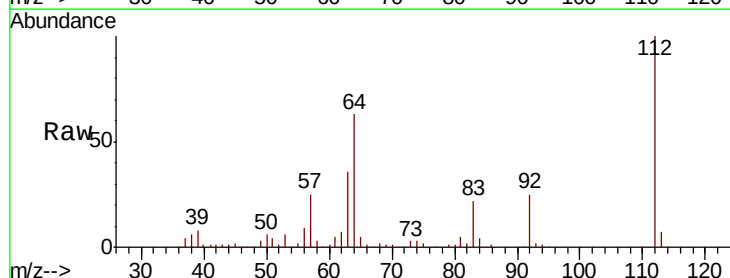
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



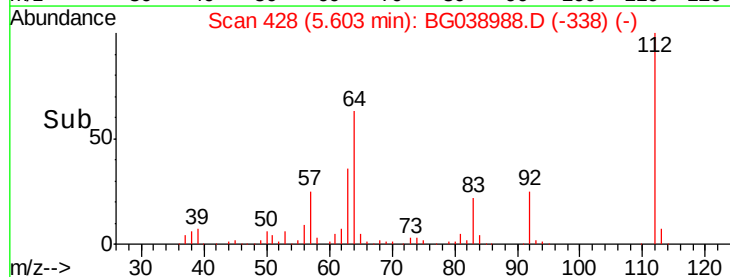
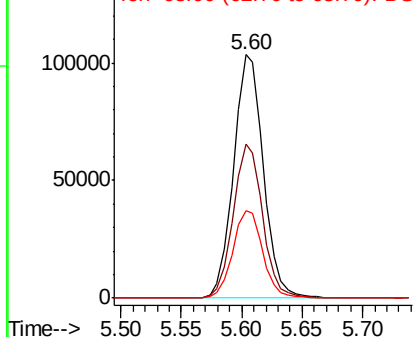
#5

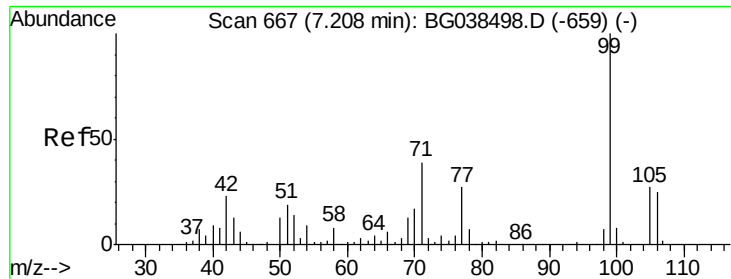
2-Fluorophenol
Concen: 114.243 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038988.D
Acq: 8 Jan 2019 7:01

Tgt Ion:112 Resp: 177723
Ion Ratio Lower Upper
112 100
64 63.2 53.4 80.2
63 36.1 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: 98.715 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038988.D

Acq: 8 Jan 2019 7:01

Instrument :

BNA_G

ClientSampleId :

P-1419-S

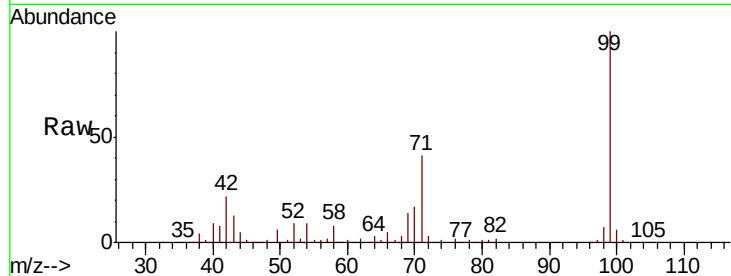
Tot Ion: 99 Resp: 210818

Ion Ratio Lower Upper

99 100

42 21.7 18.5 27.7

71 41.2 31.1 46.7

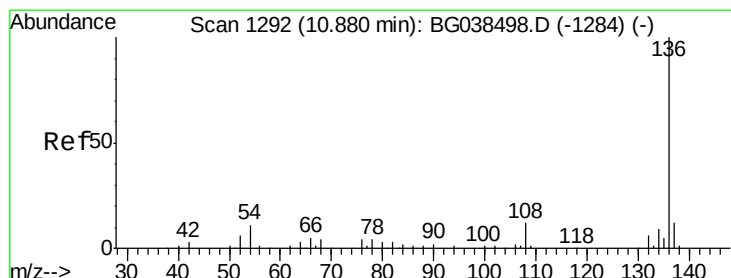
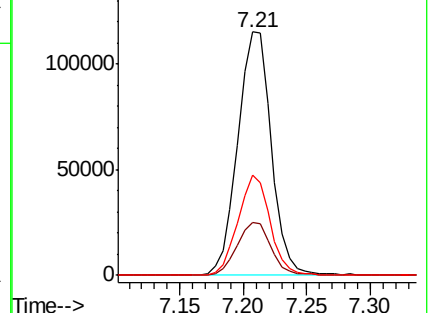
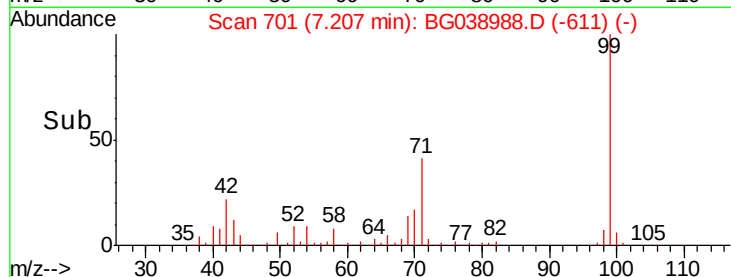


Abundance

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: BG038988.D

Acq: 8 Jan 2019 7:01

Tgt Ion: 136 Resp: 109142

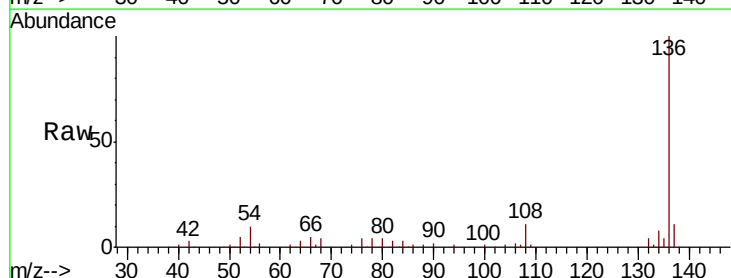
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 10.3 8.5 12.7

68 4.5 3.5 5.3



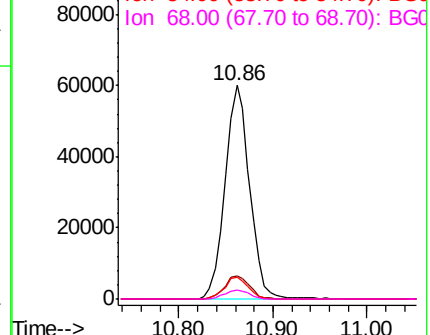
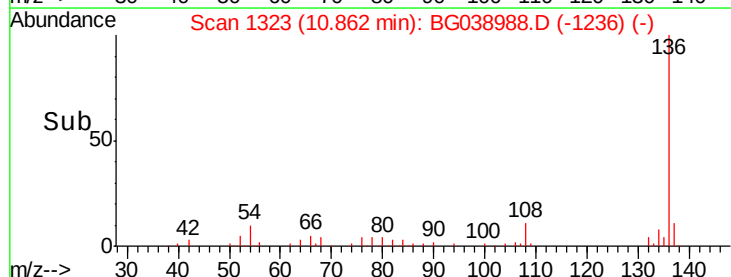
Abundance

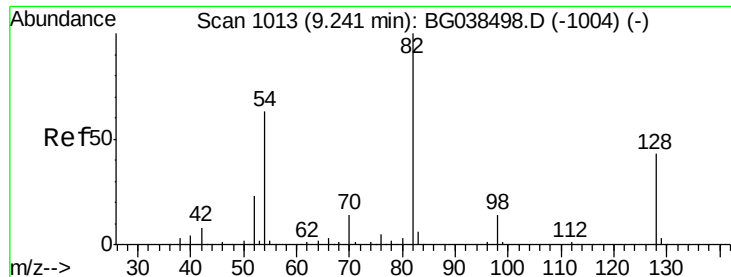
Ion 136.00 (135.70 to 136.70): BGC

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

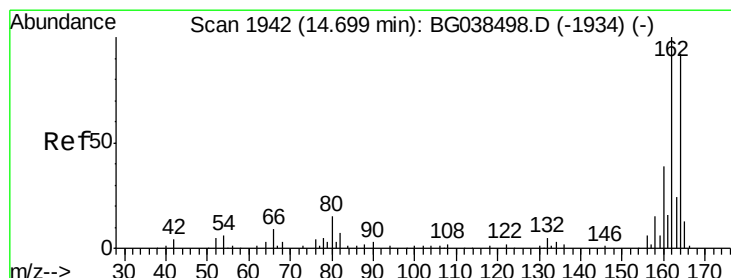
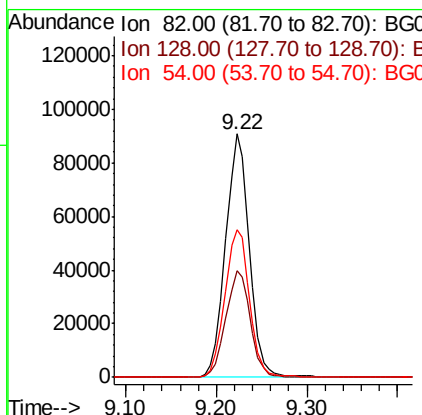
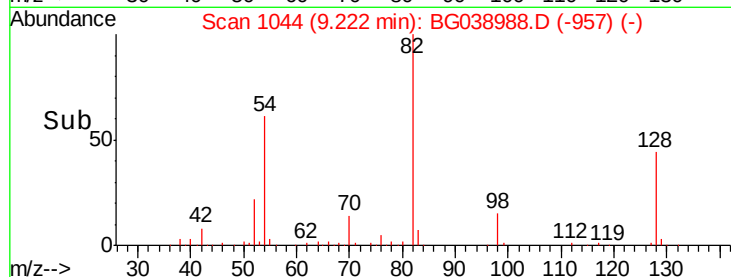
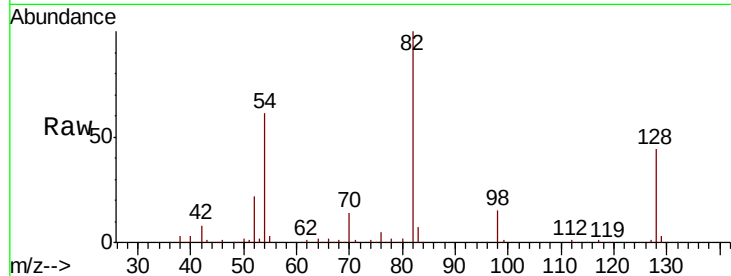




#23
Nitrobenzene-d5
Concen: 77.417 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038988.D
Acq: 8 Jan 2019 7:01

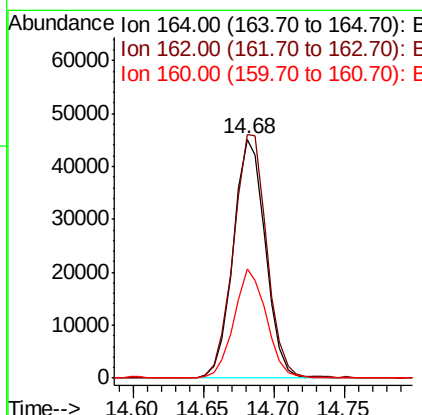
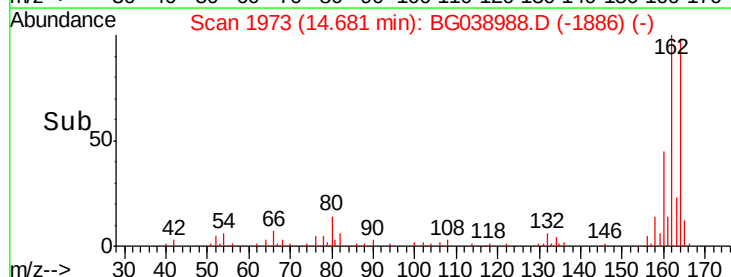
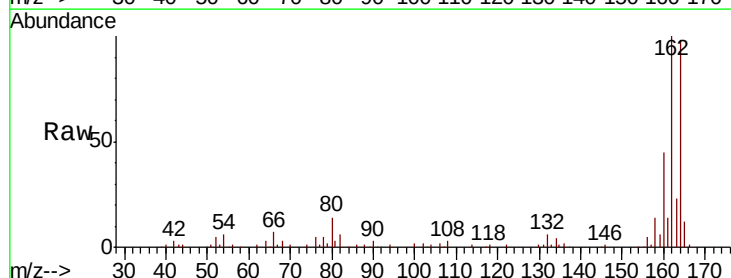
Instrument :
BNA_G
ClientSampleId :
P-1419-S

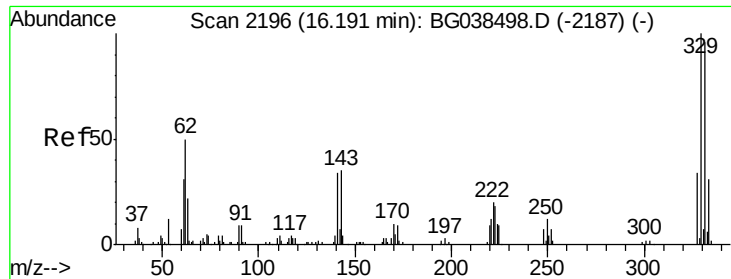
Tot Ion: 82 Resp: 165392
Ion Ratio Lower Upper
82 100
128 43.6 34.6 52.0
54 60.7 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG038988.D
Acq: 8 Jan 2019 7:01

Tgt Ion:164 Resp: 71483
Ion Ratio Lower Upper
164 100
162 102.0 86.6 130.0
160 45.8 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 139.733 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038988.D

Acq: 8 Jan 2019 7:01

Instrument :

BNA_G

ClientSampleId :

P-1419-S

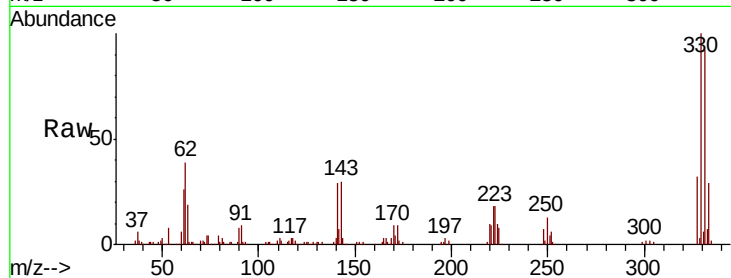
Tot Ion:330 Resp: 137660

Ion Ratio Lower Upper

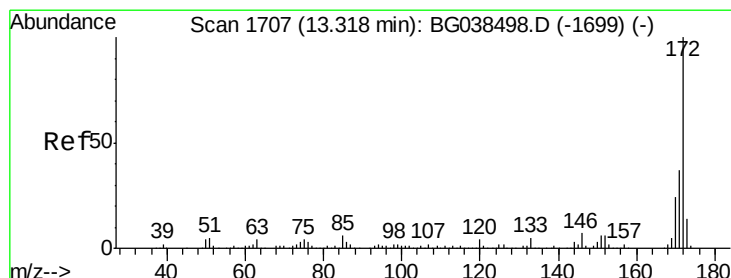
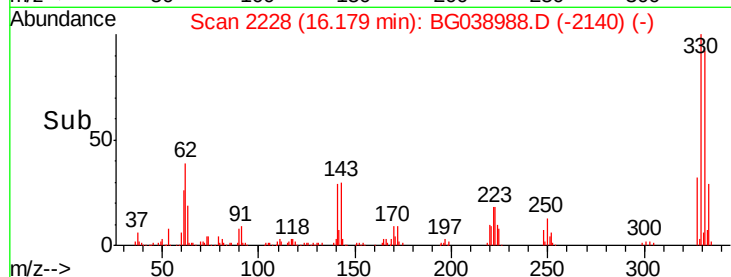
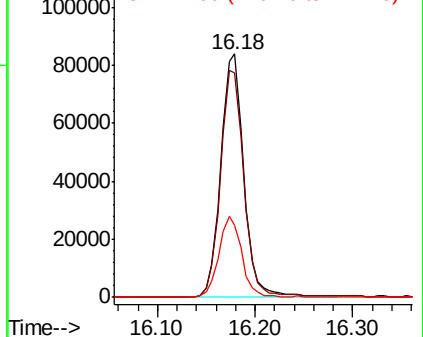
330 100

332 94.7 76.9 115.3

141 33.2 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: 83.714 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG038988.D

Acq: 8 Jan 2019 7:01

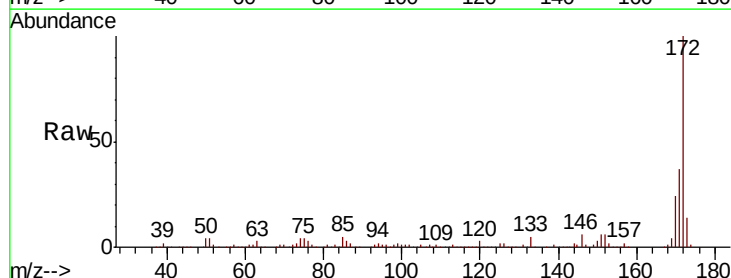
Tgt Ion:172 Resp: 436208

Ion Ratio Lower Upper

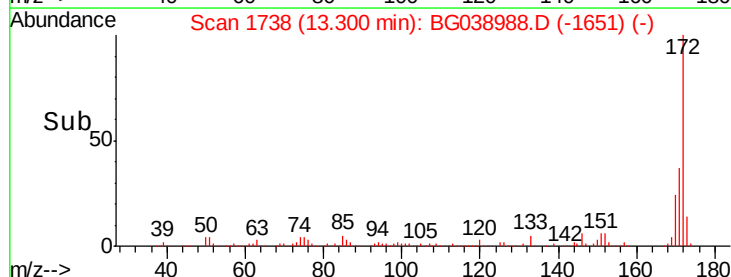
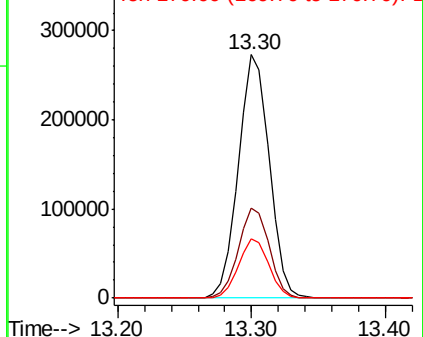
172 100

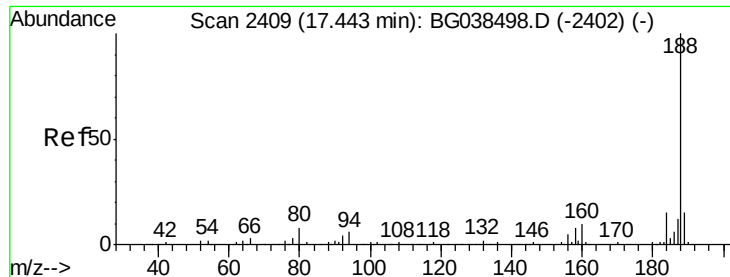
171 36.9 29.8 44.6

170 24.3 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: BG038988.D

Acq: 8 Jan 2019 7:01

Instrument :

BNA_G

ClientSampled :

P-1419-S

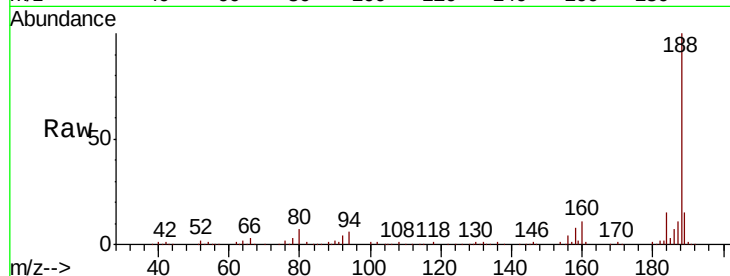
Tot Ion:188 Resp: 170785

Ion Ratio Lower Upper

188 100

94 5.6 5.1 7.7

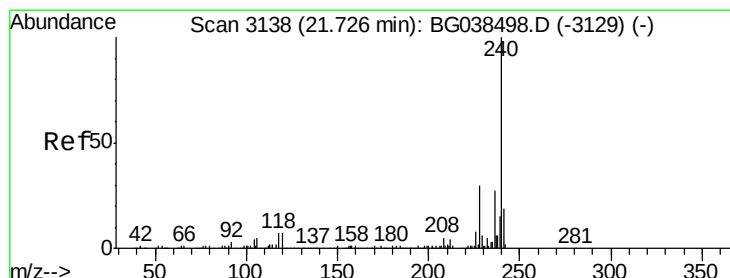
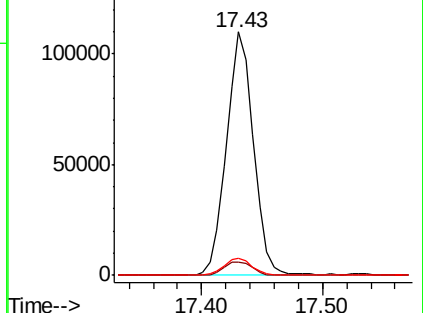
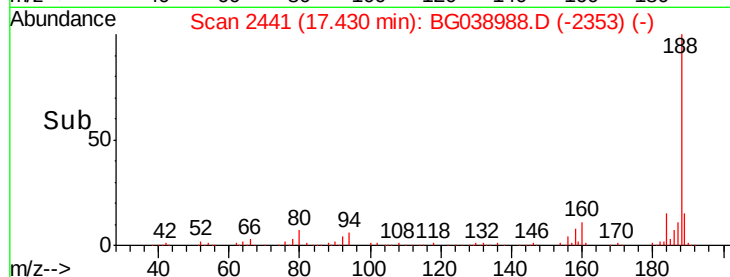
80 7.0 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG038988.D

Acq: 8 Jan 2019 7:01

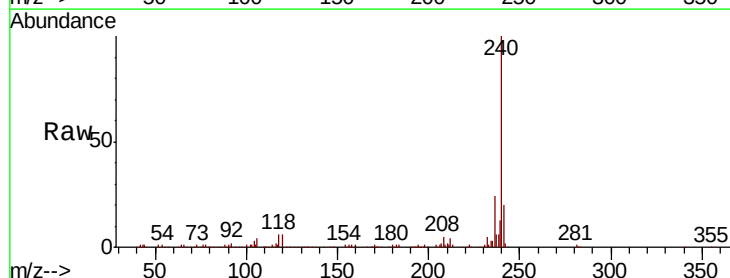
Tgt Ion:240 Resp: 179527

Ion Ratio Lower Upper

240 100

120 5.6 5.3 7.9

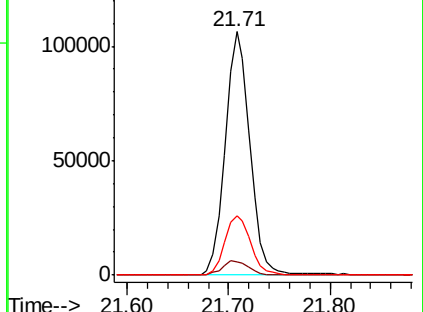
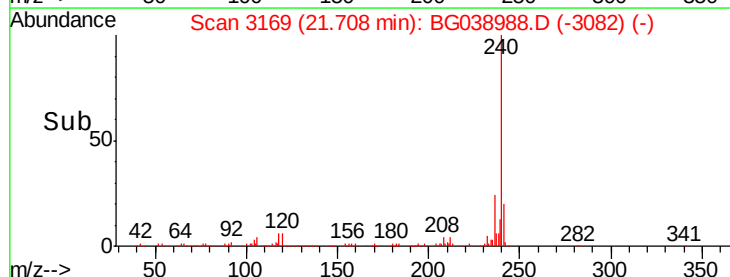
236 24.4 21.4 32.2

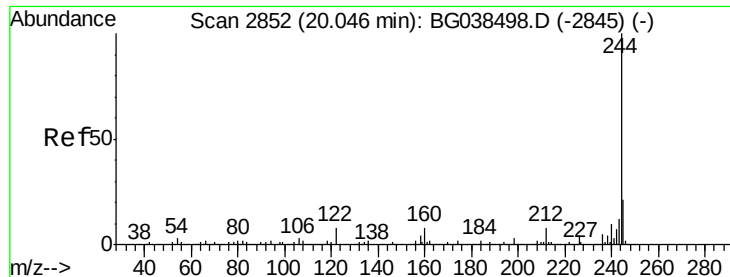


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.778 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038988.D

Acq: 8 Jan 2019 7:01

Instrument :

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ClientSampleId :

P-1419-S

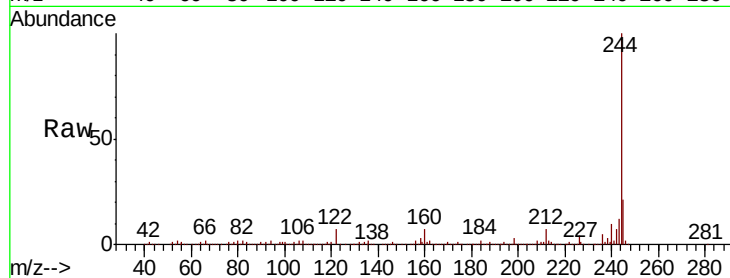
Tot Ion:244 Resp: 790079

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

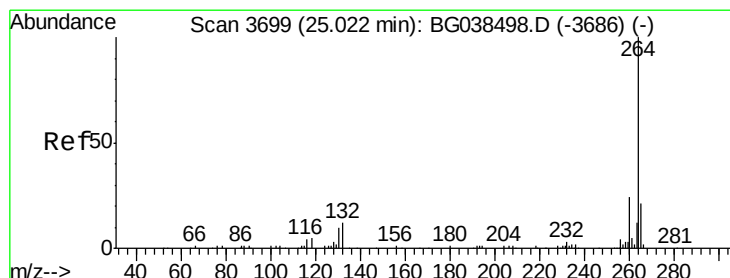
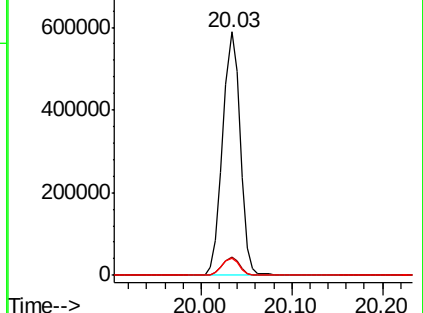
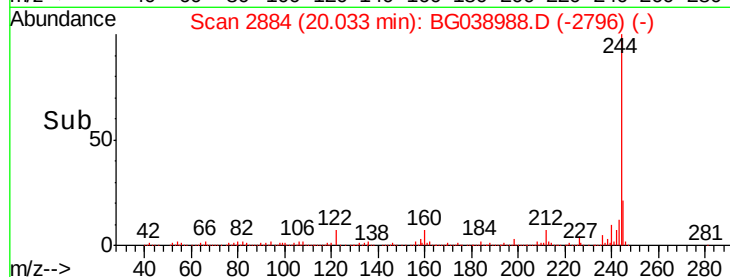
122 7.0 6.3 9.5



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: BG038988.D

Acq: 8 Jan 2019 7:01

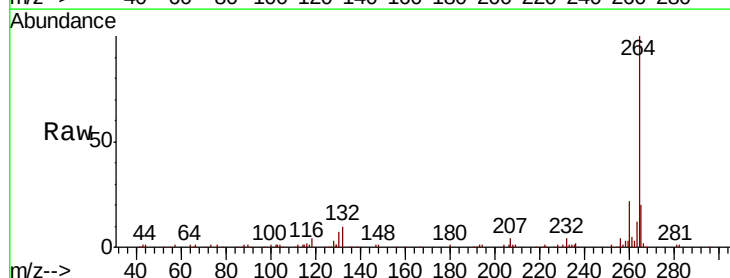
Tgt Ion:264 Resp: 188359

Ion Ratio Lower Upper

264 100

260 22.1 18.9 28.3

265 20.0 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

