

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038989.D
 Acq On : 8 Jan 2019 7:40
 Operator : JU/SJ
 Sample : K1066-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TN-1419

Quant Time: Jan 08 08:18:18 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	28124	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	108795	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	74173	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	180346	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	183353	20.00	ng	-0.02
87) Perylene-d12	25.00	264	187539	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	177148	111.72	ng	0.00
7) Phenol-d6	7.21	99	219926	101.03	ng	0.00
23) Nitrobenzene-d5	9.22	82	169688	79.68	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	146341	143.16	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	471871	87.27	ng	-0.02
79) Terphenyl-d14	20.03	244	838180	99.49	ng	-0.01

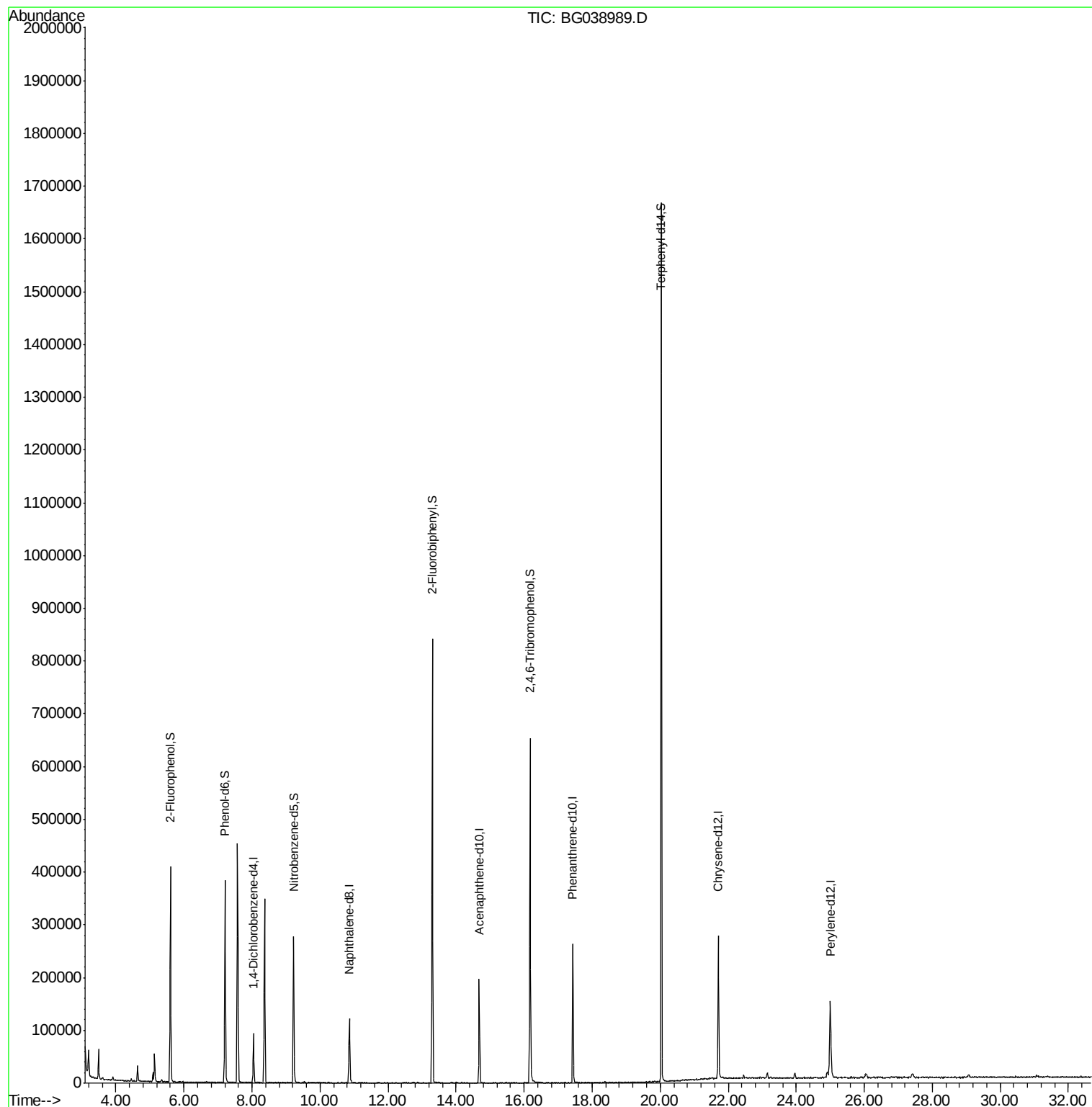
Target Compounds Qvalue

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

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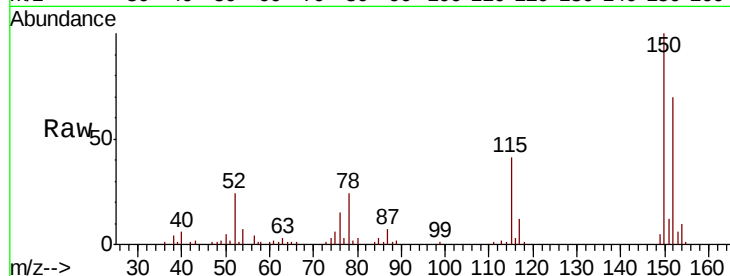


#1

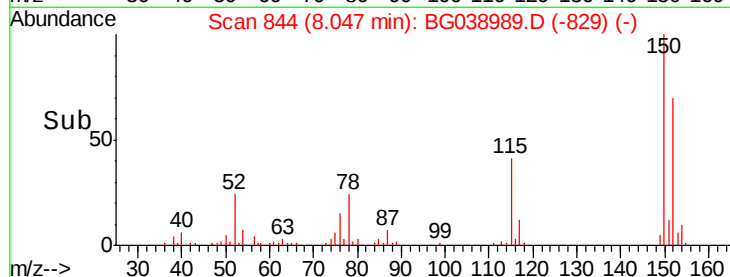
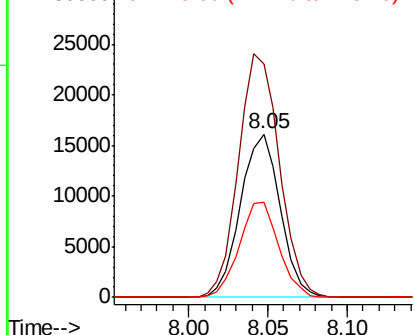
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038989.D
Acq: 8 Jan 2019 7:40

Instrument :
BNA_G
ClientSampleId :
TN-1419

Tot Ion:152 Resp: 28124
Ion Ratio Lower Upper
152 100
150 142.8 119.5 179.3
115 58.0 49.6 74.4



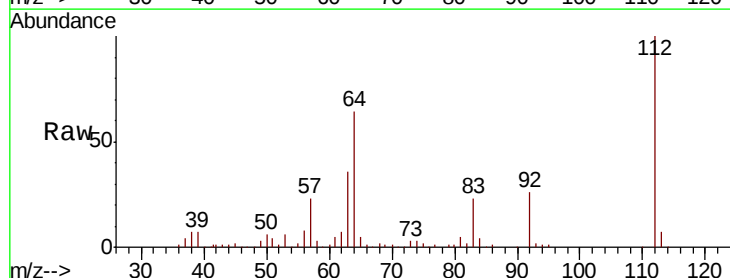
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



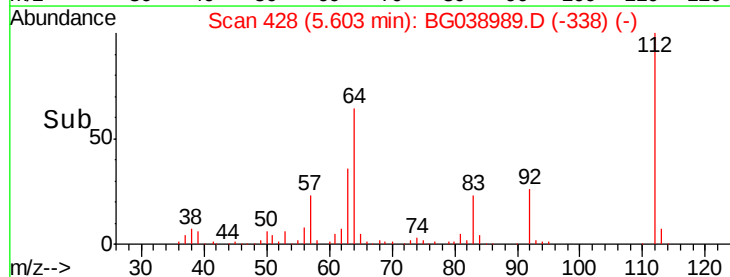
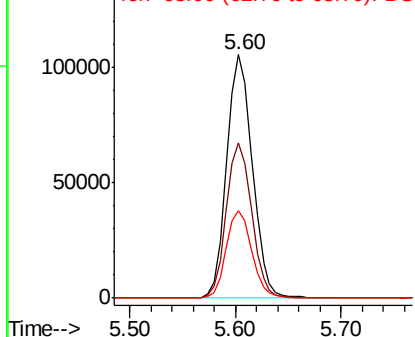
#5

2-Fluorophenol
Concen: 111.719 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038989.D
Acq: 8 Jan 2019 7:40

Tgt Ion:112 Resp: 177148
Ion Ratio Lower Upper
112 100
64 64.0 53.4 80.2
63 35.8 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 101.032 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038989.D

Acq: 8 Jan 2019 7:40

Instrument :

BNA_G

ClientSampleId :

TN-1419

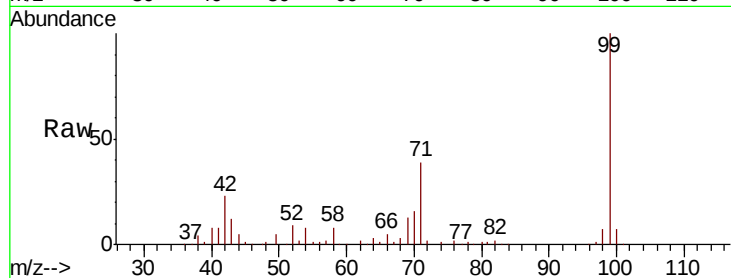
Tot Ion: 99 Resp: 219926

Ion Ratio Lower Upper

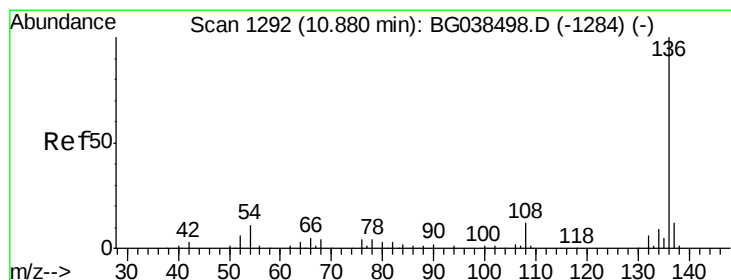
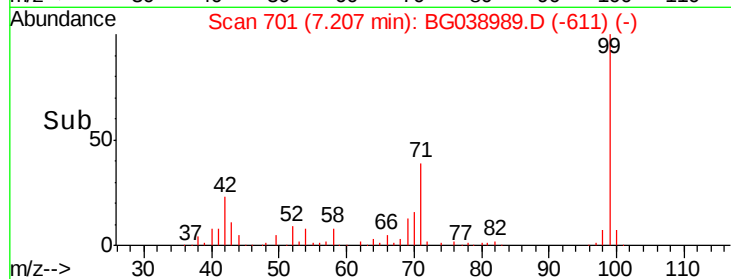
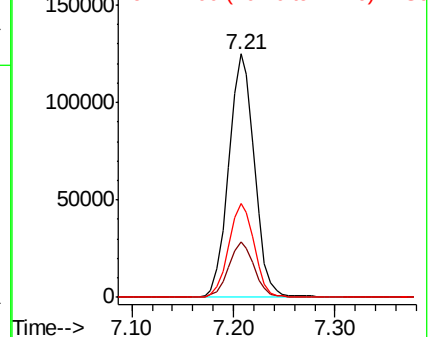
99 100

42 22.6 18.5 27.7

71 38.5 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: BG038989.D

Acq: 8 Jan 2019 7:40

Tgt Ion: 136 Resp: 108795

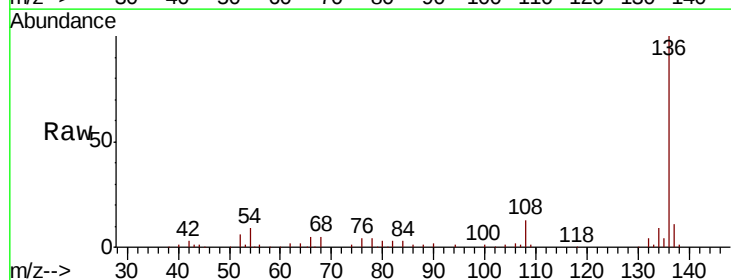
Ion Ratio Lower Upper

136 100

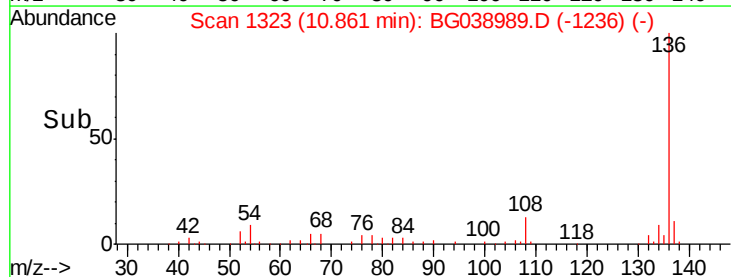
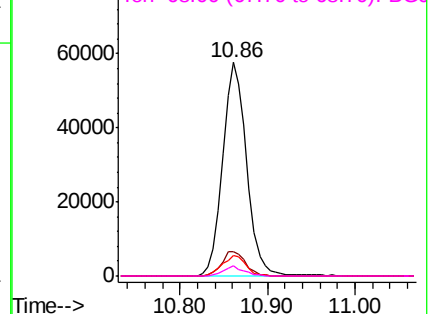
137 11.3 9.3 13.9

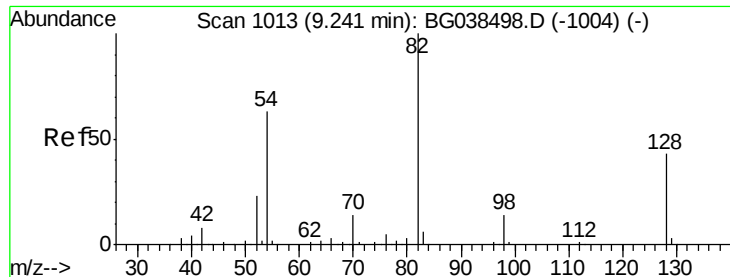
54 9.4 8.5 12.7

68 4.7 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

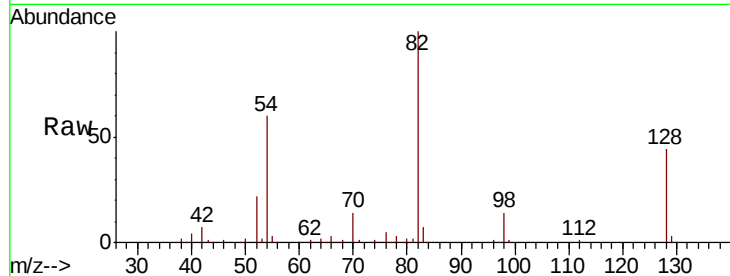




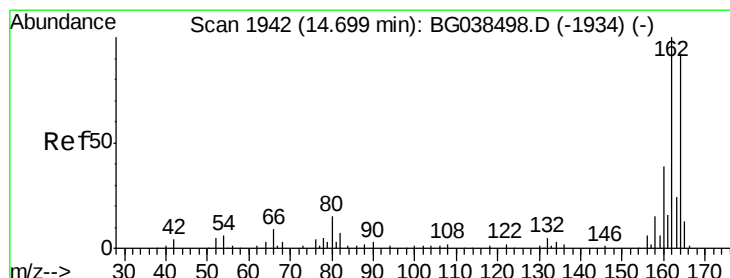
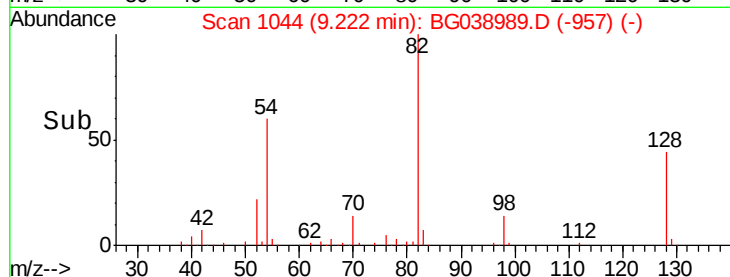
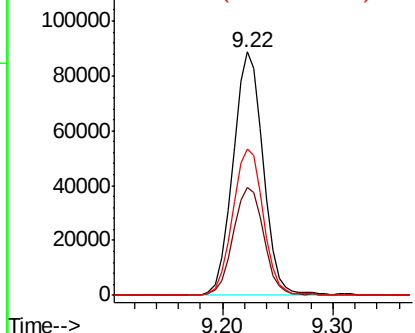
#23
Nitrobenzene-d5
Concen: 79.681 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038989.D
Acq: 8 Jan 2019 7:40

Instrument :
BNA_G
ClientSampleID :
TN-1419

Tot Ion: 82 Resp: 169688
Ion Ratio Lower Upper
82 100
128 44.3 34.6 52.0
54 60.1 50.6 76.0

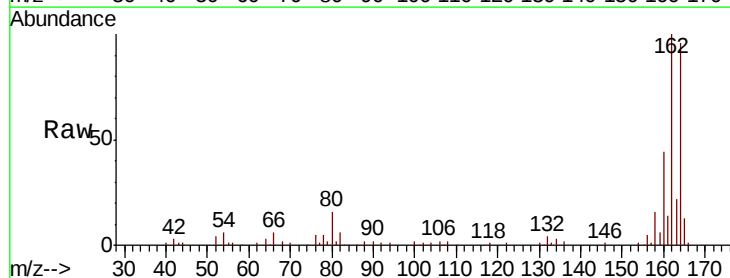


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

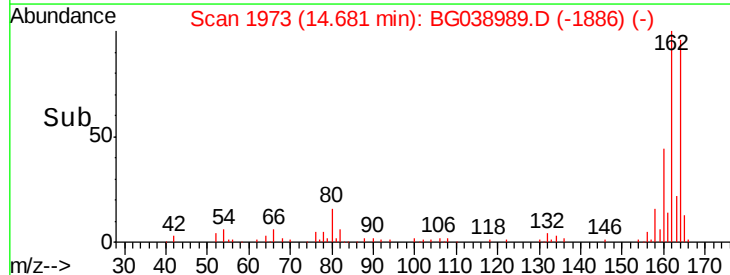
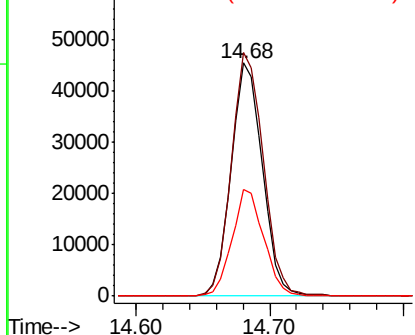


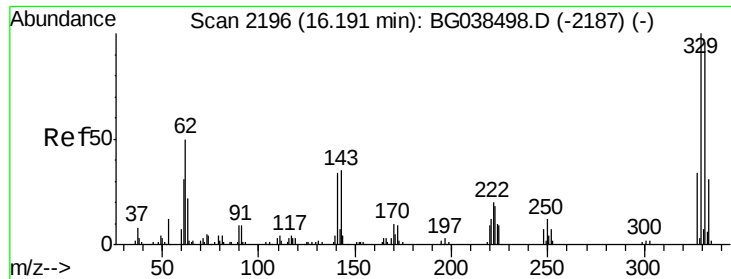
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG038989.D
Acq: 8 Jan 2019 7:40

Tgt Ion: 164 Resp: 74173
Ion Ratio Lower Upper
164 100
162 104.5 86.6 130.0
160 45.7 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

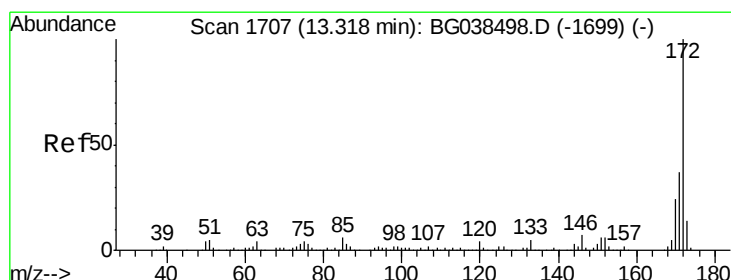
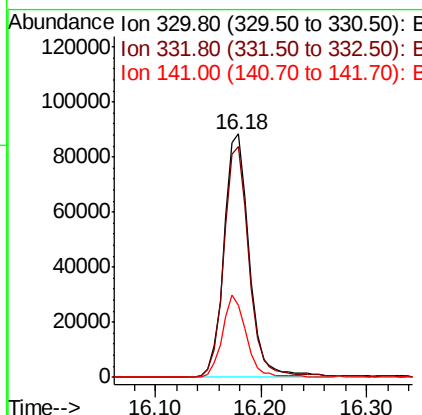
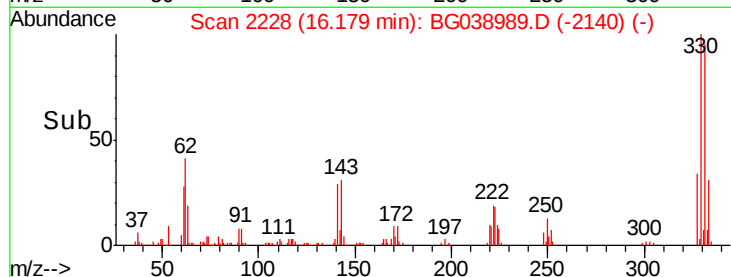
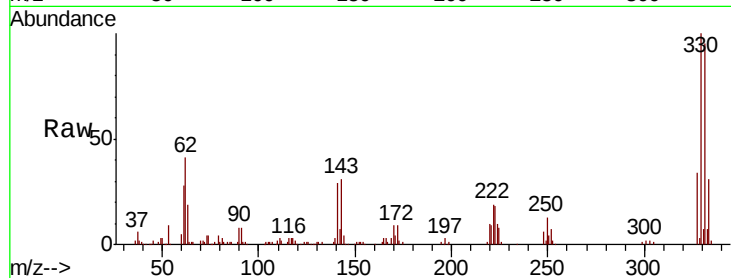




#42
 2,4,6-Tribromophenol
 Concen: 143.158 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038989.D
 Acq: 8 Jan 2019 7:40

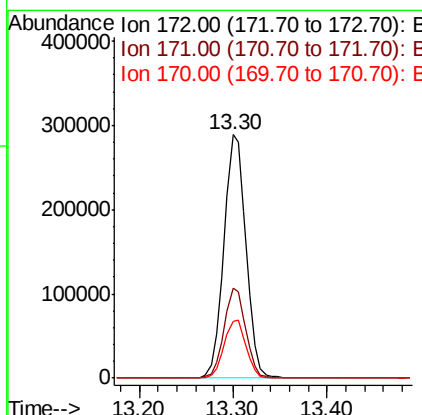
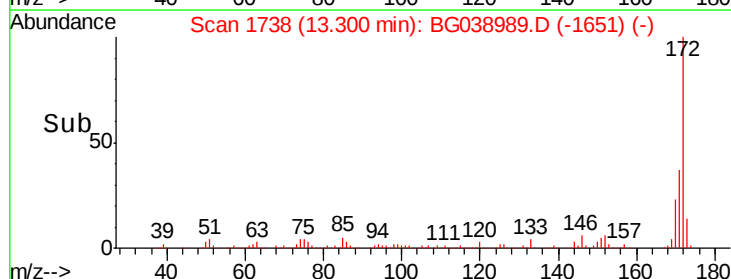
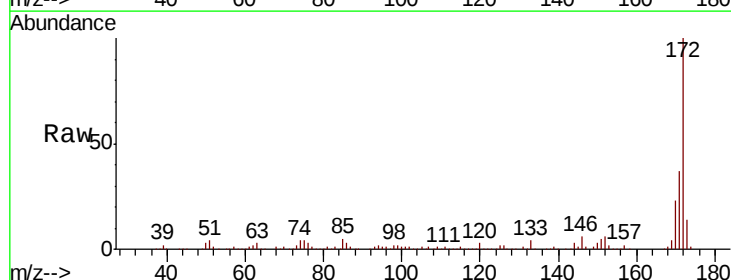
Instrument :
 BNA_G
 ClientSampleId :
 TN-1419

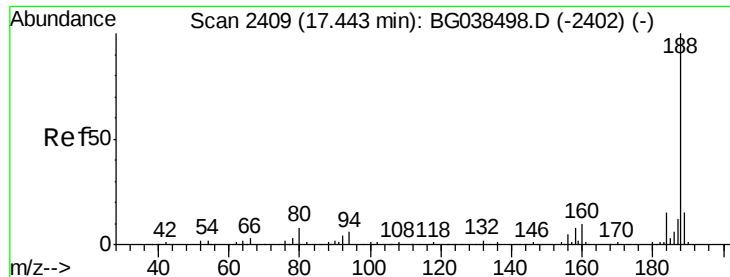
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.9	115.3
141	32.5	28.8	43.2



#45
 2-Fluorobiphenyl
 Concen: 87.274 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG038989.D
 Acq: 8 Jan 2019 7:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	23.4	19.5	29.3

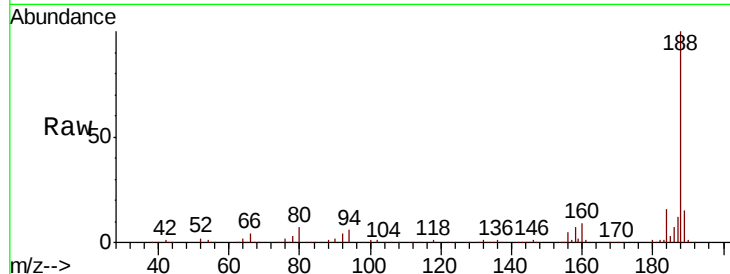




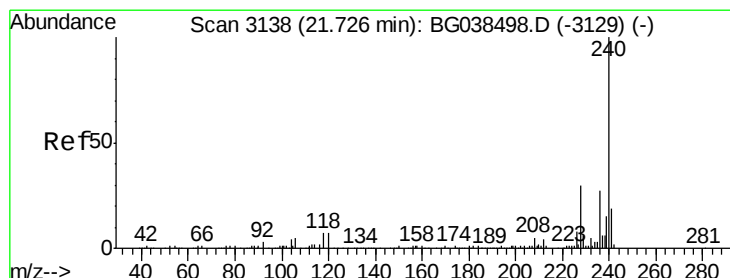
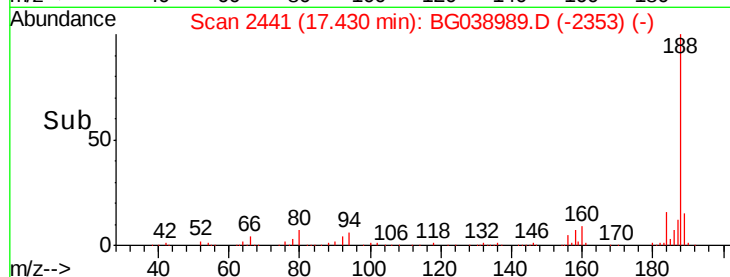
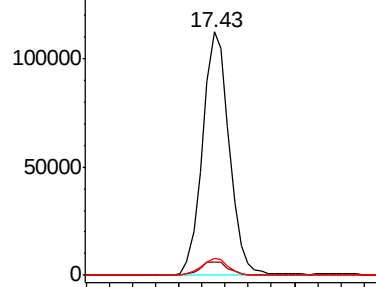
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG038989.D
Acq: 8 Jan 2019 7:40

Instrument :
BNA_G
ClientSampleId :
TN-1419

Tot Ion:188 Resp: 180346
Ion Ratio Lower Upper
188 100
94 5.5 5.1 7.7
80 6.7 6.1 9.1

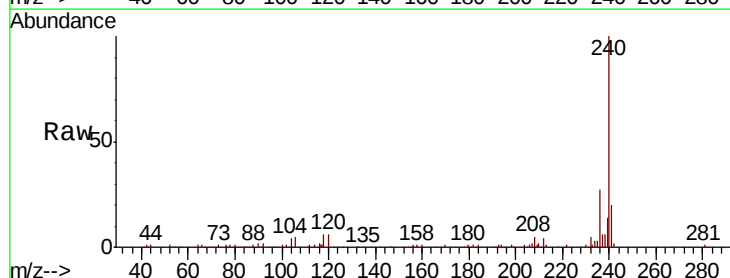


Abundance Ion 188.00 (187.70 to 188.70): E
150000 Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

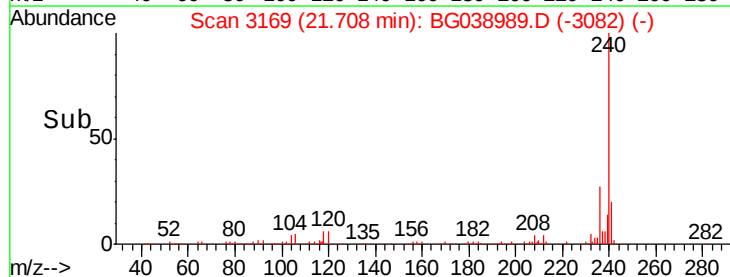
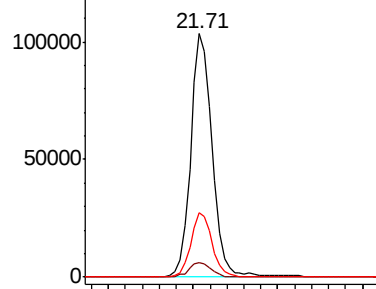


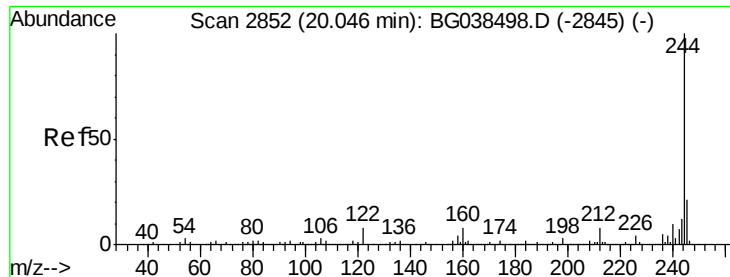
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG038989.D
Acq: 8 Jan 2019 7:40

Tgt Ion:240 Resp: 183353
Ion Ratio Lower Upper
240 100
120 6.1 5.3 7.9
236 26.6 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E
100000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.489 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038989.D

Acq: 8 Jan 2019 7:40

Instrument :

BNA_G

ClientSampleId :

TN-1419

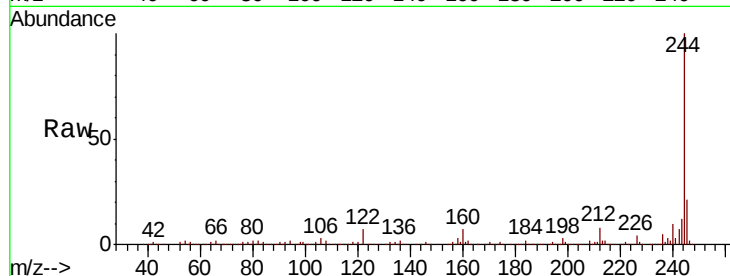
Tot Ion:244 Resp: 838180

Ion Ratio Lower Upper

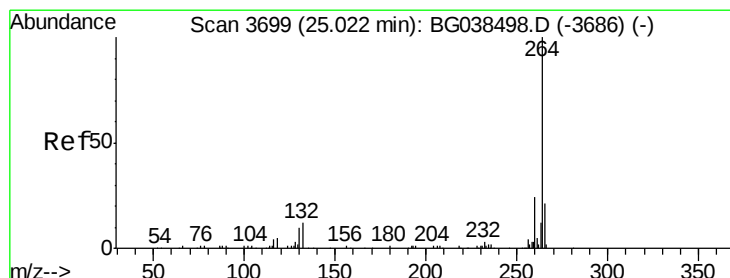
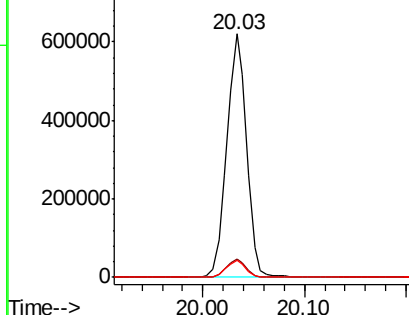
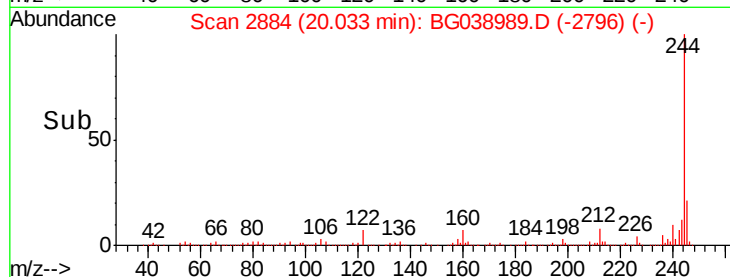
244 100

212 7.6 6.2 9.2

122 6.8 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# 3729

Delta R.T. -0.02 min

Lab File: BG038989.D

Acq: 8 Jan 2019 7:40

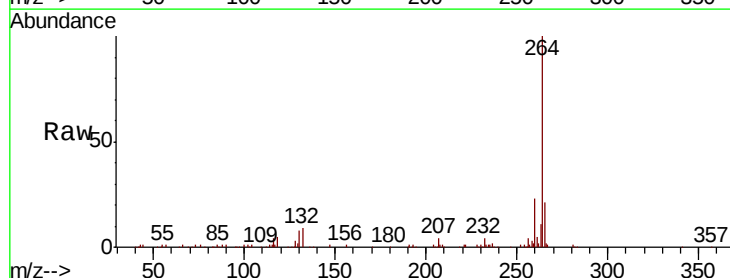
Tgt Ion:264 Resp: 187539

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 20.5 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

