

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038980.D
 Acq On : 7 Jan 2019 23:46
 Operator : JU/SJ
 Sample : K1012-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-010419-B

Quant Time: Jan 08 03:34:34 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	29204	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	112351	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	77263	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	185490	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	188884	20.00	ng	-0.02
87) Perylene-d12	25.00	264	198254	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	198097	120.31	ng	0.00
7) Phenol-d6	7.21	99	247229	109.37	ng	0.00
23) Nitrobenzene-d5	9.22	82	183908	83.62	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	163526	153.57	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	491093	87.20	ng	-0.01
79) Terphenyl-d14	20.03	244	898433	103.52	ng	-0.01

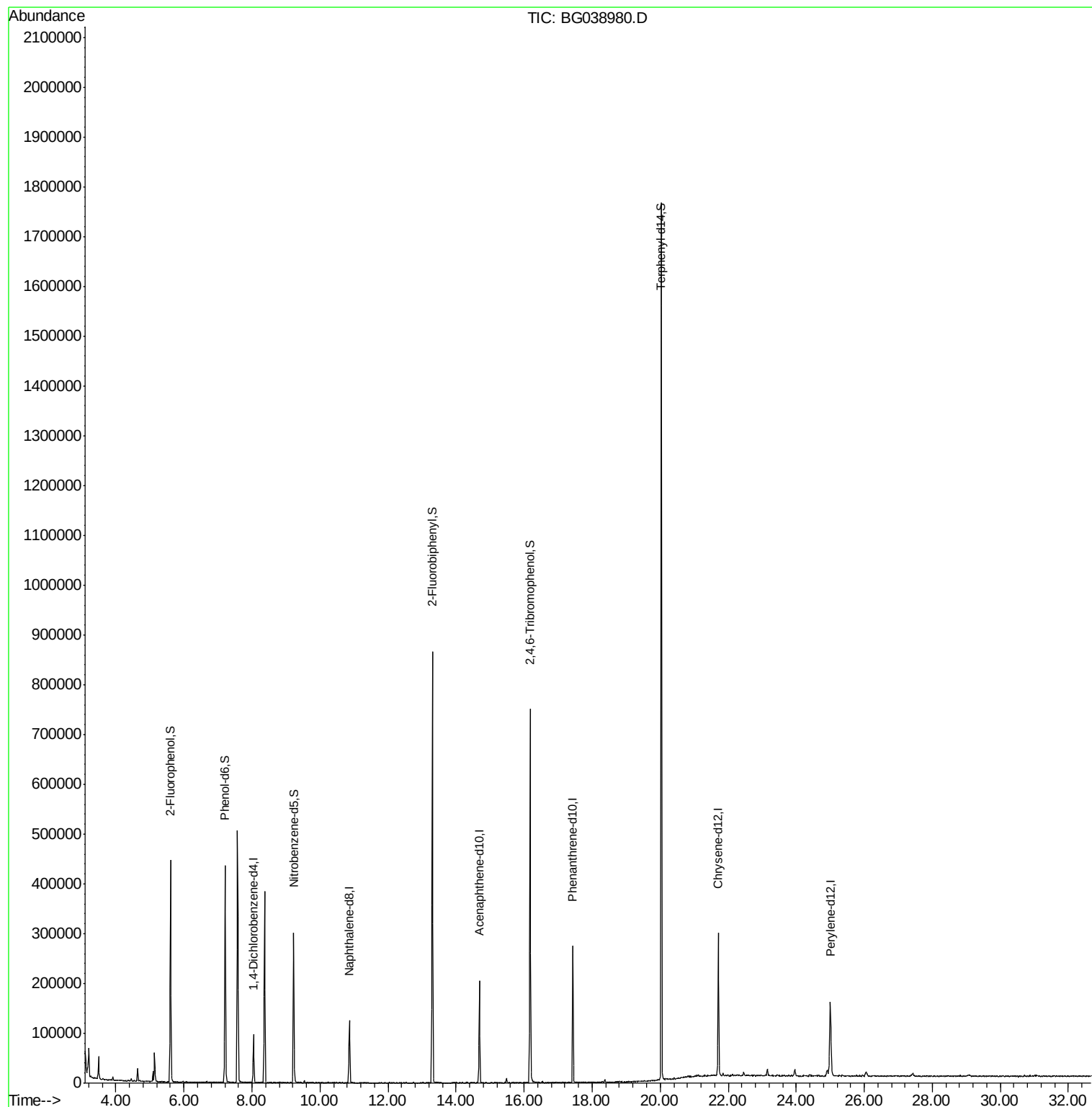
Target Compounds Qvalue

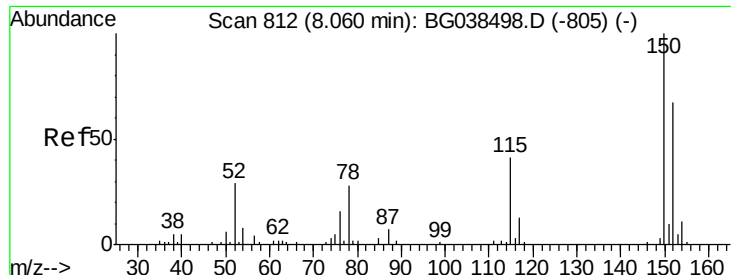
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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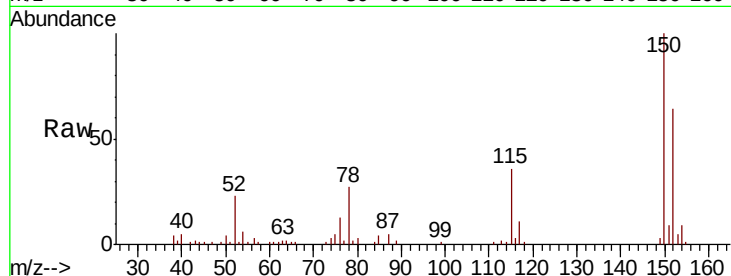


#1

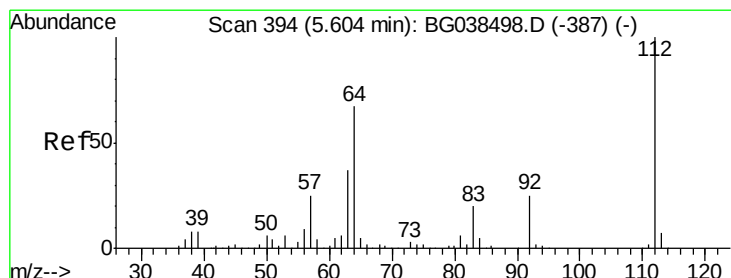
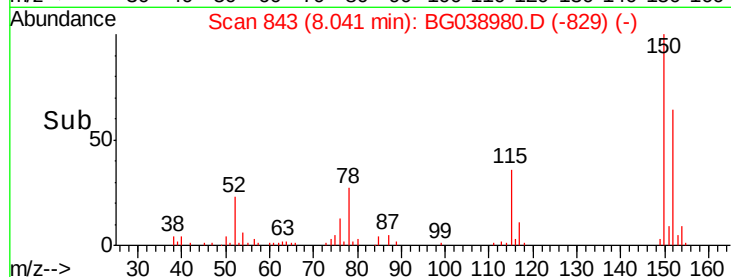
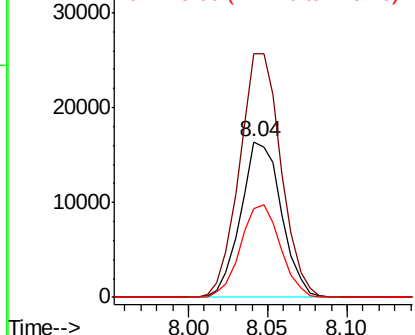
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038980.D
Acq: 7 Jan 2019 23:46

Instrument :
BNA_G
ClientSampled :
EO-02-010419-B

Tot Ion:152 Resp: 29204
Ion Ratio Lower Upper
152 100
150 156.7 119.5 179.3
115 57.0 49.6 74.4



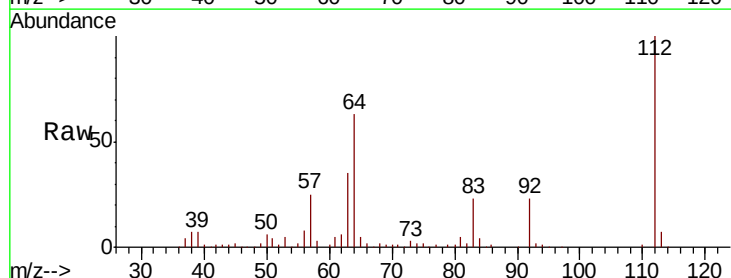
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



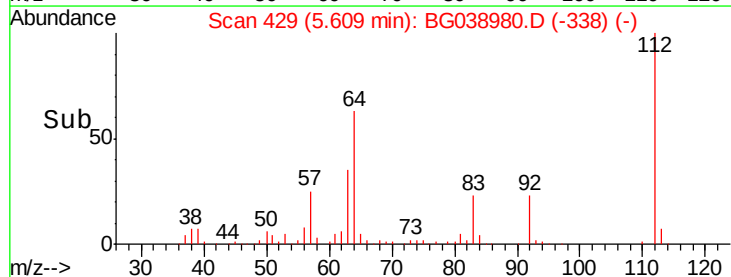
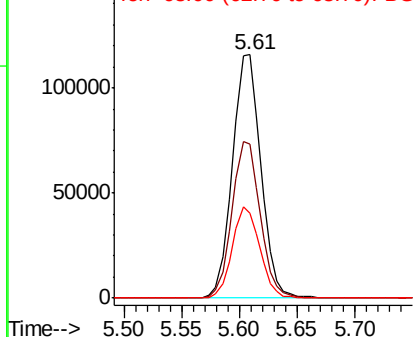
#5

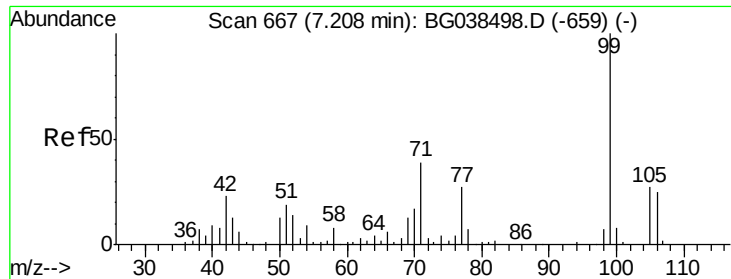
2-Fluorophenol
Concen: 120.311 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038980.D
Acq: 7 Jan 2019 23:46

Tgt Ion:112 Resp: 198097
Ion Ratio Lower Upper
112 100
64 63.3 53.4 80.2
63 35.0 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: 109.375 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038980.D

Acq: 7 Jan 2019 23:46

Instrument :

BNA_G

ClientSampleId :

EO-02-010419-B

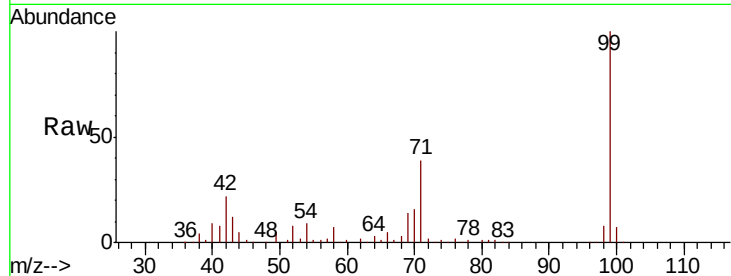
Tot Ion: 99 Resp: 247229

Ion Ratio Lower Upper

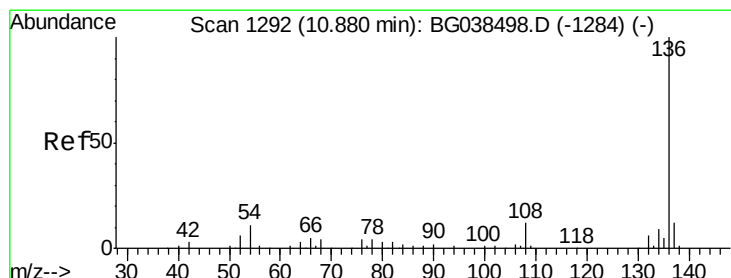
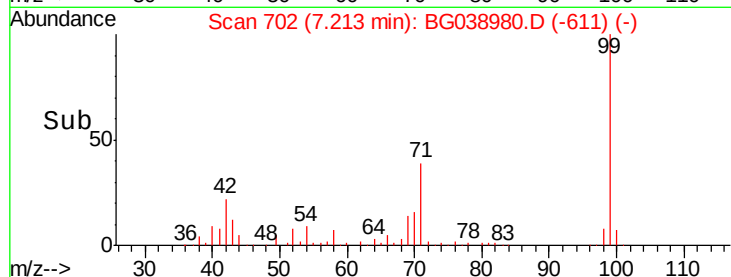
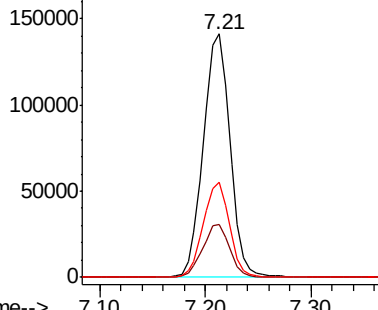
99 100

42 21.7 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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG038980.D

Acq: 7 Jan 2019 23:46

Tgt Ion: 136 Resp: 112351

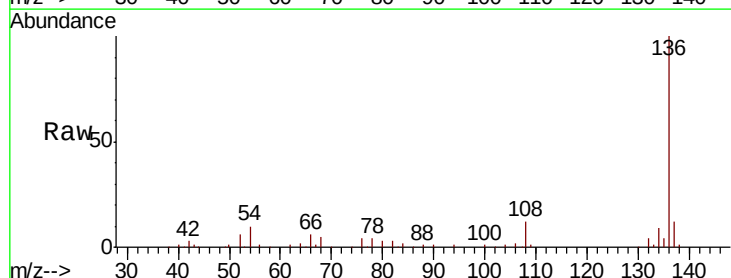
Ion Ratio Lower Upper

136 100

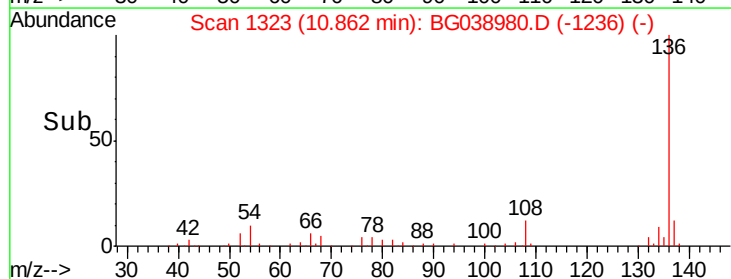
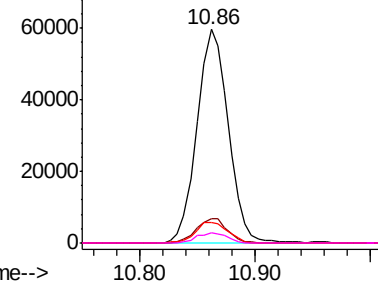
137 11.6 9.3 13.9

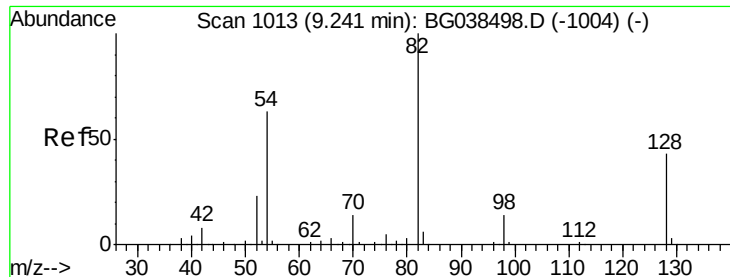
54 9.7 8.5 12.7

68 4.6 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

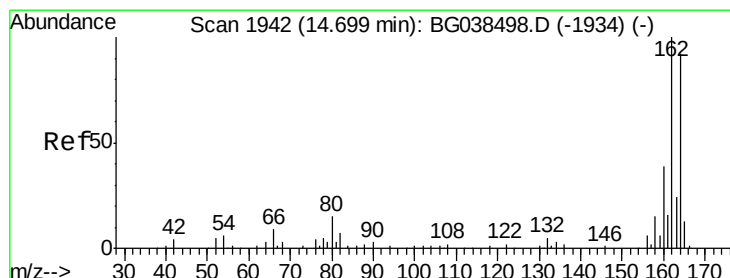
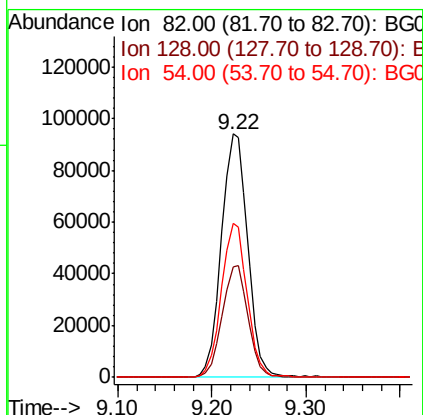
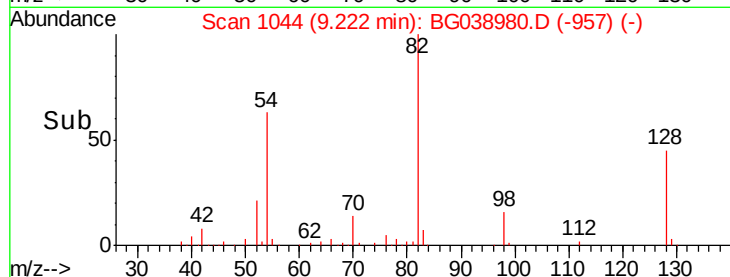
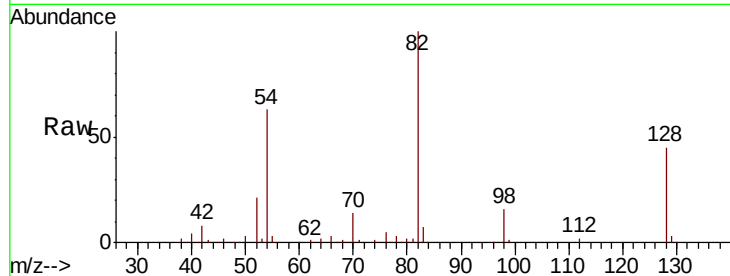




#23
Nitrobenzene-d5
Concen: 83.625 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038980.D
Acq: 7 Jan 2019 23:46

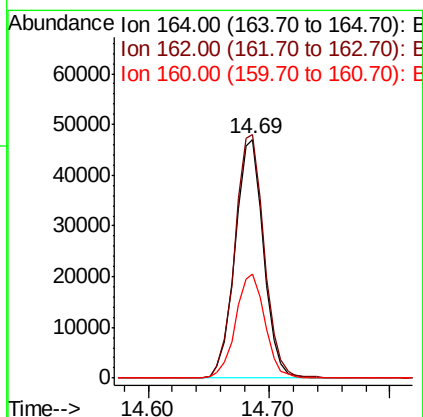
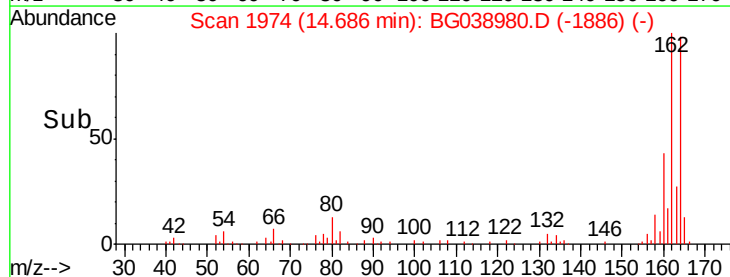
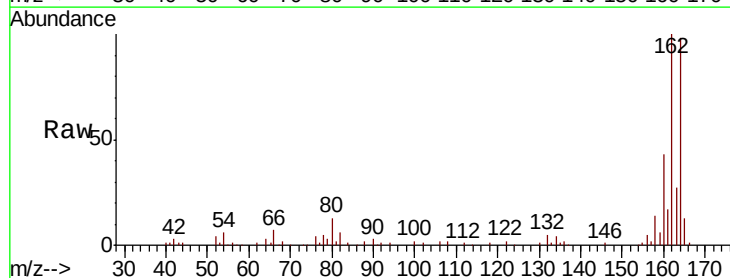
Instrument :
BNA_G
ClientSampleId :
EO-02-010419-B

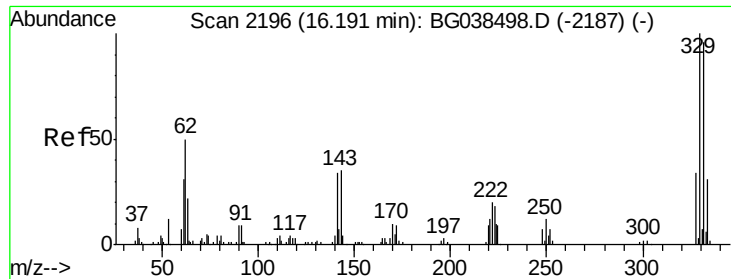
Tot Ion: 82 Resp: 183908
Ion Ratio Lower Upper
82 100
128 45.3 34.6 52.0
54 63.5 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG038980.D
Acq: 7 Jan 2019 23:46

Tgt Ion:164 Resp: 77263
Ion Ratio Lower Upper
164 100
162 101.8 86.6 130.0
160 43.8 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 153.571 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038980.D

Acq: 7 Jan 2019 23:46

Instrument :

BNA_G

ClientSampleId :

EO-02-010419-B

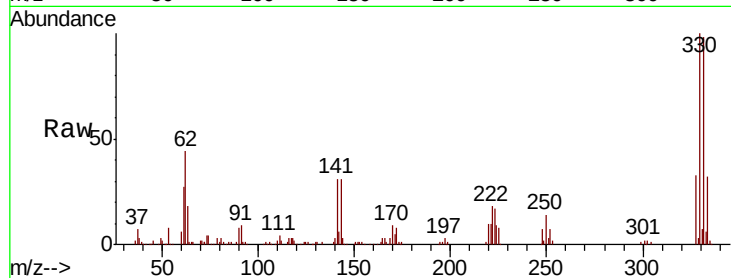
Tot Ion:330 Resp: 163526

Ion Ratio Lower Upper

330 100

332 95.6 76.9 115.3

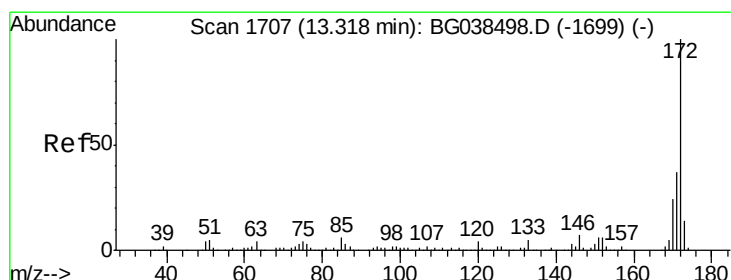
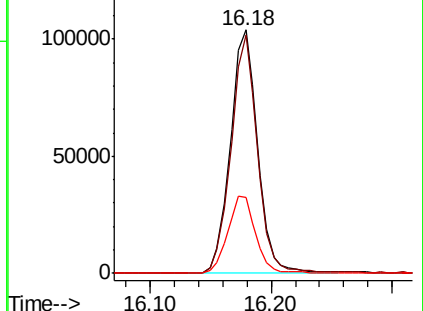
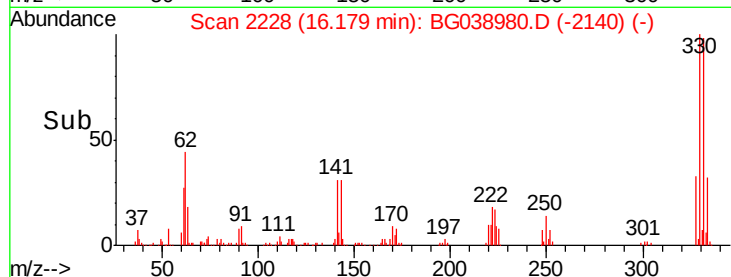
141 32.5 28.8 43.2



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: 87.196 ng

RT: 13.31 min Scan# 1739

Delta R.T. -0.01 min

Lab File: BG038980.D

Acq: 7 Jan 2019 23:46

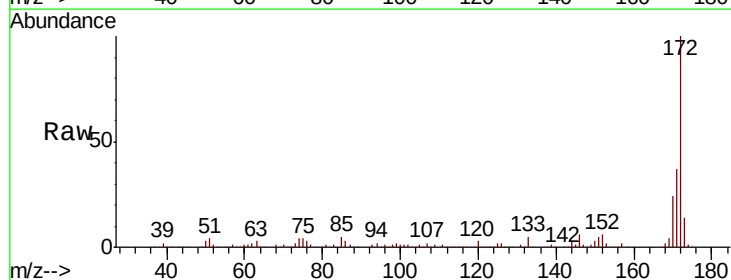
Tgt Ion:172 Resp: 491093

Ion Ratio Lower Upper

172 100

171 37.0 29.8 44.6

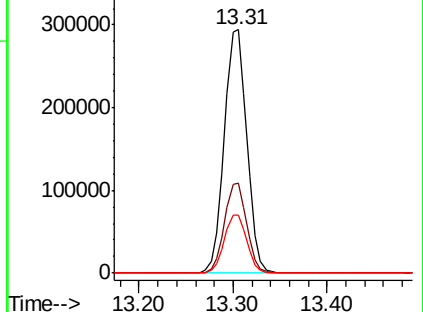
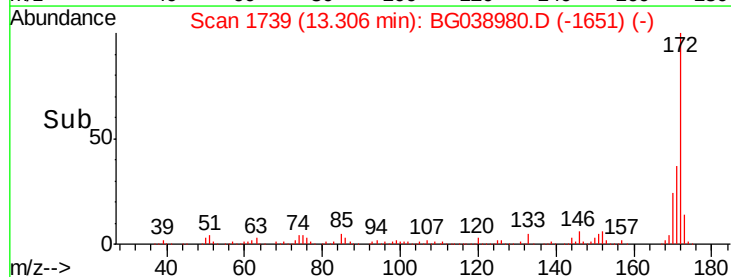
170 24.1 19.5 29.3

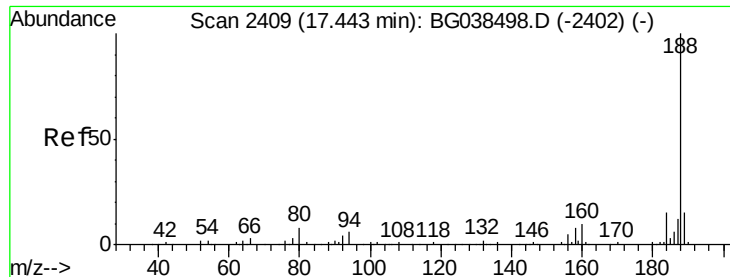


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

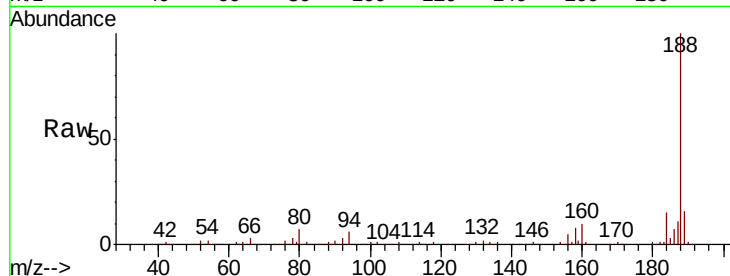




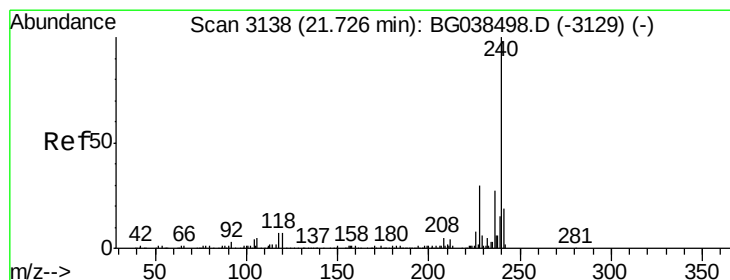
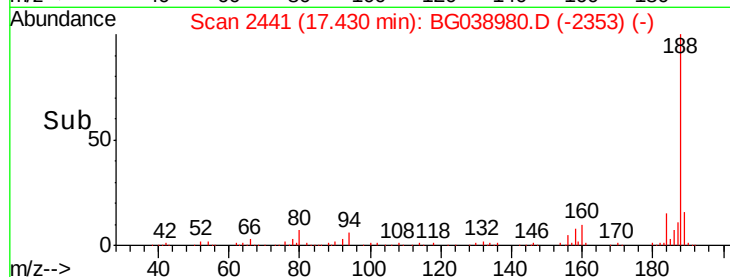
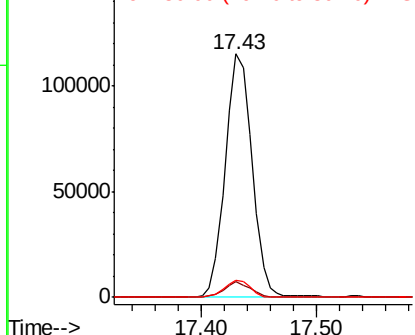
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG038980.D
Acq: 7 Jan 2019 23:46

Instrument :
BNA_G
ClientSampleId :
EO-02-010419-B

Tot Ion:188 Resp: 185490
Ion Ratio Lower Upper
188 100
94 6.3 5.1 7.7
80 7.1 6.1 9.1

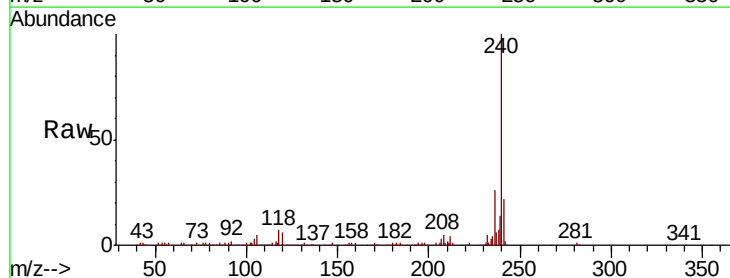


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

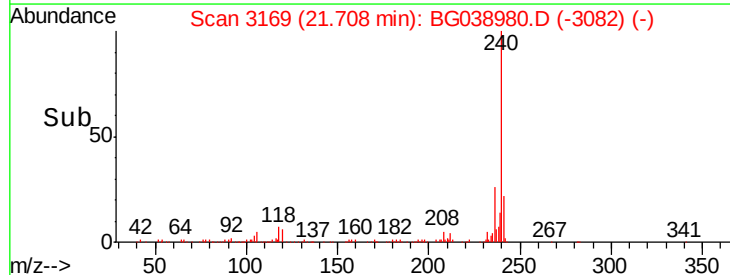
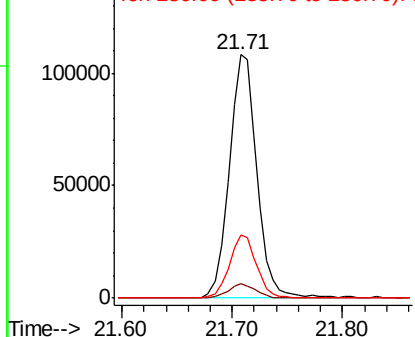


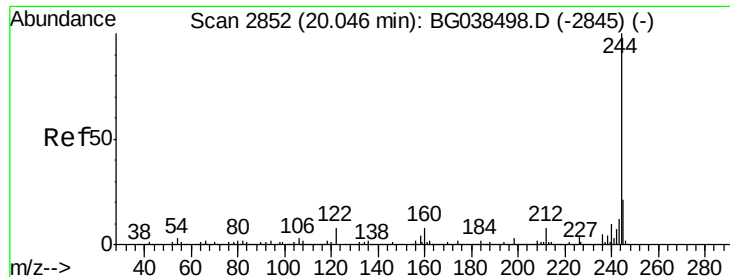
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG038980.D
Acq: 7 Jan 2019 23:46

Tgt Ion:240 Resp: 188884
Ion Ratio Lower Upper
240 100
120 5.9 5.3 7.9
236 26.1 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: 103.518 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038980.D

Acq: 7 Jan 2019 23:46

Instrument :

BNA_G

ClientSampleId :

EO-02-010419-B

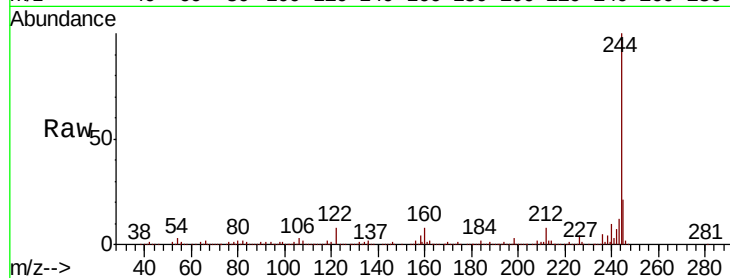
Tot Ion:244 Resp: 898433

Ion Ratio Lower Upper

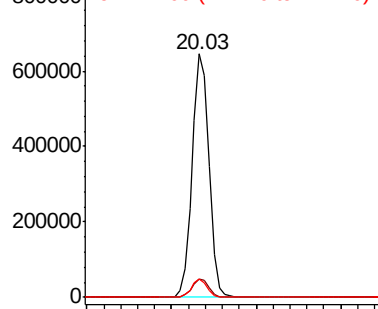
244 100

212 7.6 6.2 9.2

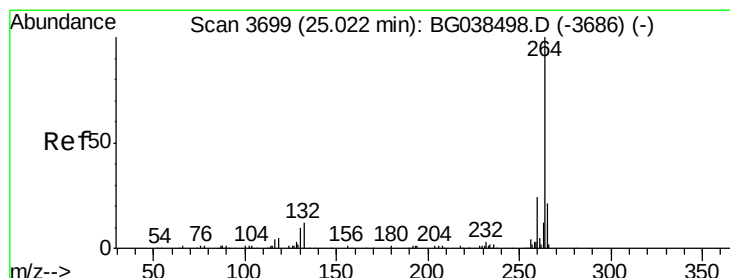
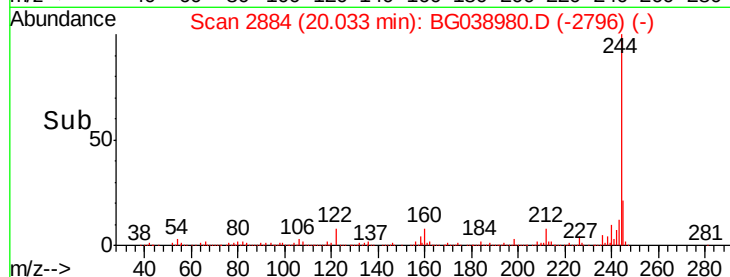
122 7.6 6.3 9.5



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



Time--> 19.90 20.03 20.10 20.20



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3729

Delta R.T. -0.02 min

Lab File: BG038980.D

Acq: 7 Jan 2019 23:46

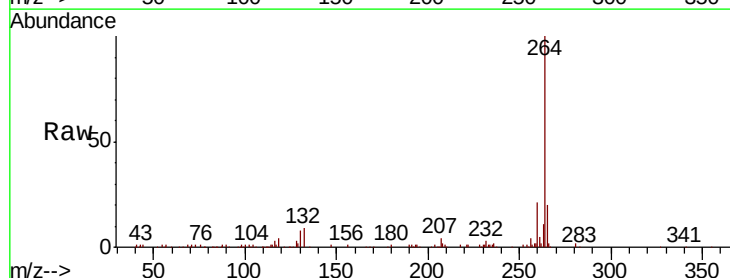
Tgt Ion:264 Resp: 198254

Ion Ratio Lower Upper

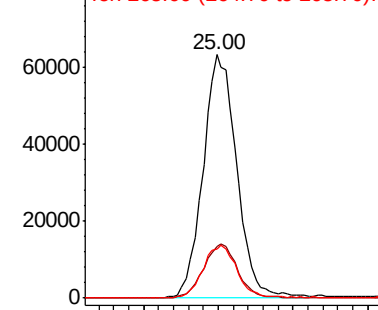
264 100

260 21.4 18.9 28.3

265 20.1 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



Time--> 24.90 25.00 25.10

