

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038981.D
 Acq On : 8 Jan 2019 00:25
 Operator : JU/SJ
 Sample : K1010-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-010419

Quant Time: Jan 08 03:35:52 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	28517	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	112179	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	77828	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	187371	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	189544	20.00	ng	-0.02
87) Perylene-d12	25.00	264	196758	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	167373	104.10	ng	0.00
7) Phenol-d6	7.21	99	210735	95.48	ng	0.00
23) Nitrobenzene-d5	9.22	82	155721	70.92	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	142569	132.92	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	432696	76.27	ng	-0.02
79) Terphenyl-d14	20.03	244	774997	88.98	ng	-0.01

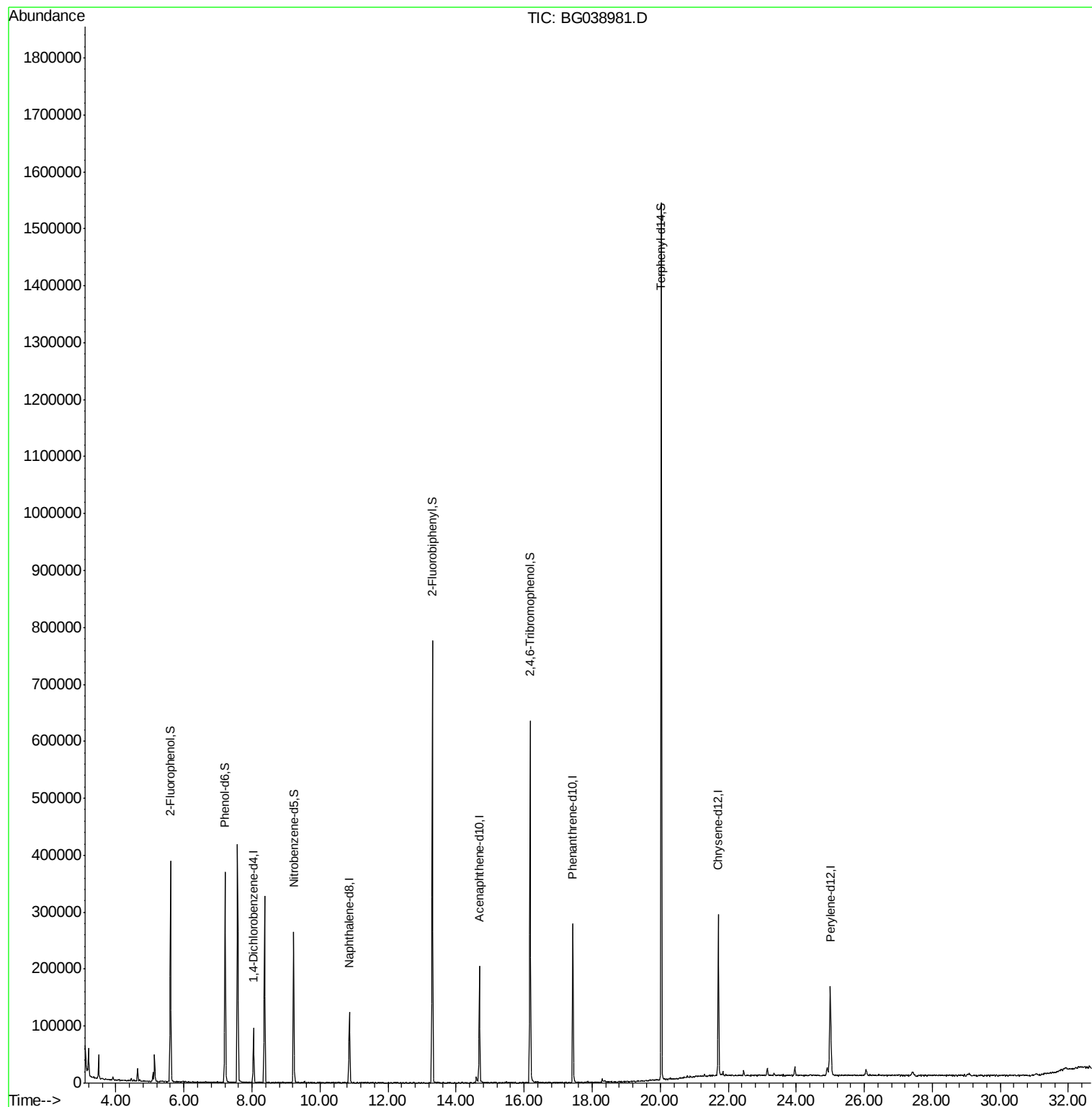
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038981.D
Acq On : 8 Jan 2019 00:25
Operator : JU/SJ
Sample : K1010-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-03-010419

Quant Time: Jan 08 03:35:52 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



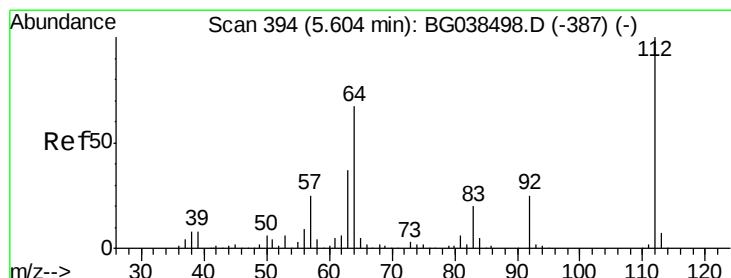
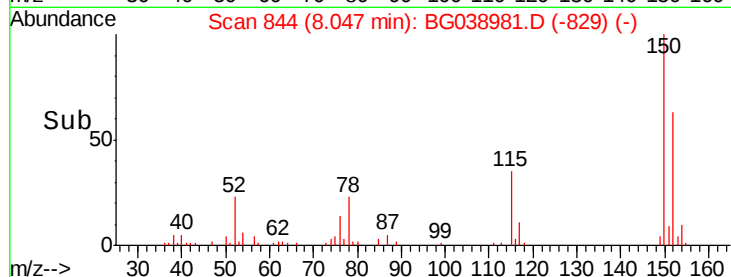
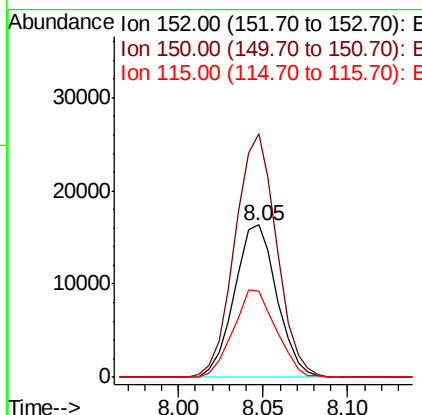
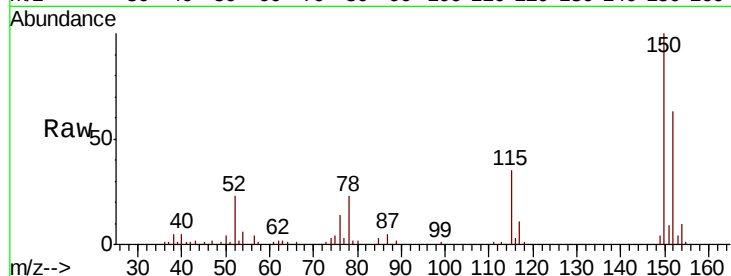


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038981.D
Acq: 8 Jan 2019 00:25

Instrument :
BNA_G
ClientSampleId :
OK-03-010419

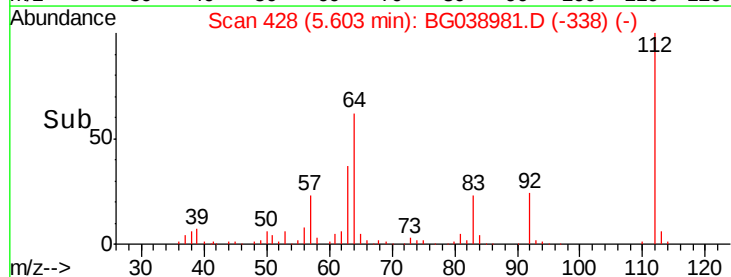
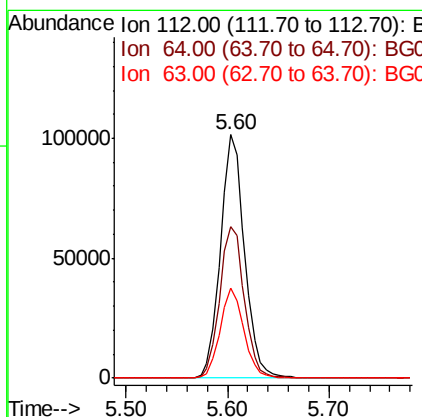
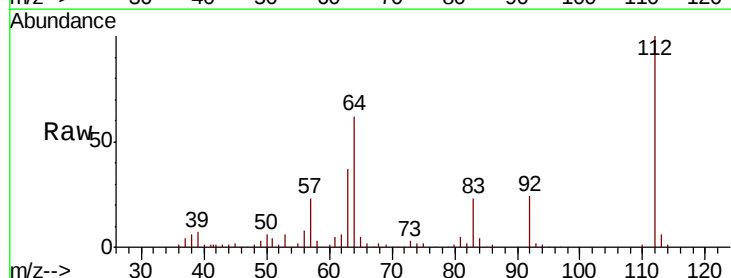
Tot Ion:152 Resp: 28517
Ion Ratio Lower Upper
152 100
150 159.7 119.5 179.3
115 56.2 49.6 74.4

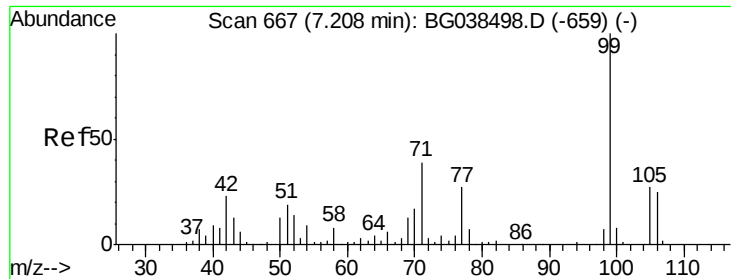


#5

2-Fluorophenol
Concen: 104.100 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038981.D
Acq: 8 Jan 2019 00:25

Tgt Ion:112 Resp: 167373
Ion Ratio Lower Upper
112 100
64 62.3 53.4 80.2
63 36.9 29.3 43.9





#7

Phenol-d6

Concen: 95.475 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038981.D

Acq: 8 Jan 2019 00:25

Instrument :

BNA_G

ClientSampleId :

OK-03-010419

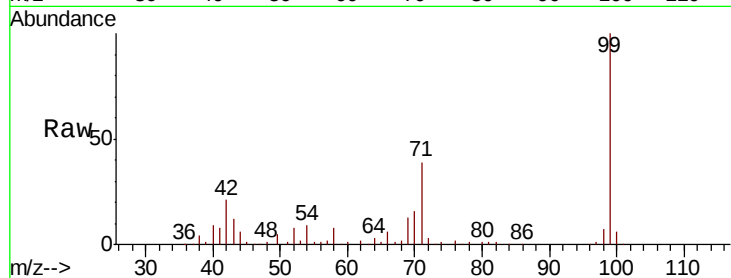
Tot Ion: 99 Resp: 210735

Ion Ratio Lower Upper

99 100

42 21.2 18.5 27.7

71 38.8 31.1 46.7

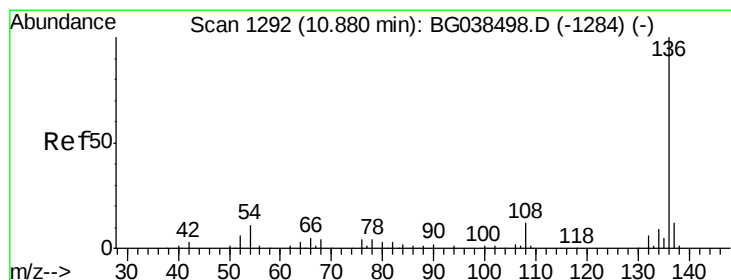
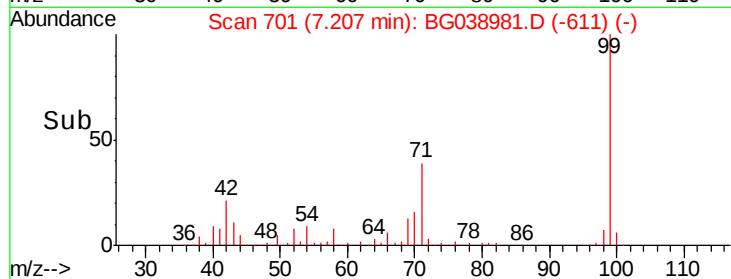
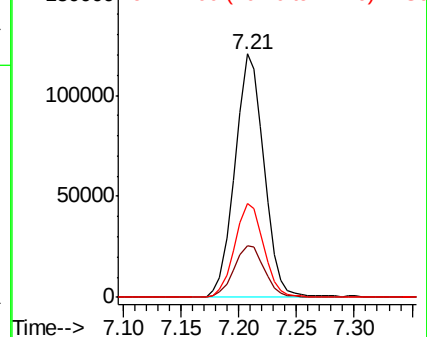


Abundance

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: BG038981.D

Acq: 8 Jan 2019 00:25

Tgt Ion: 136 Resp: 112179

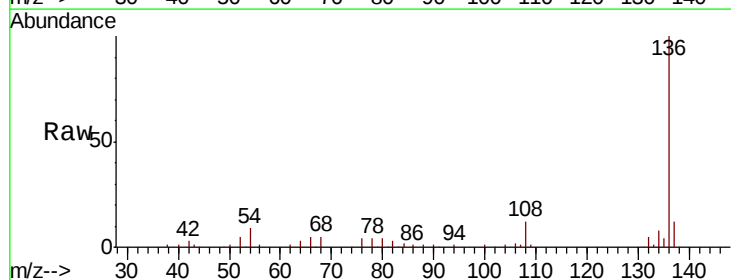
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 9.5 8.5 12.7

68 5.0 3.5 5.3



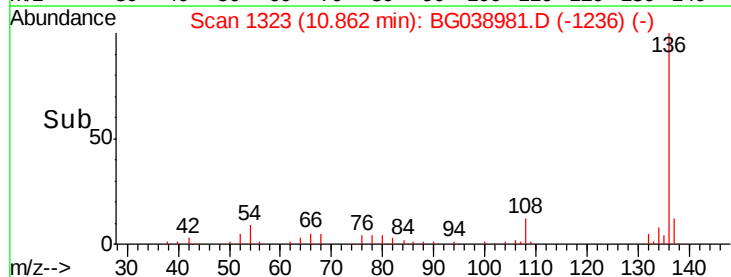
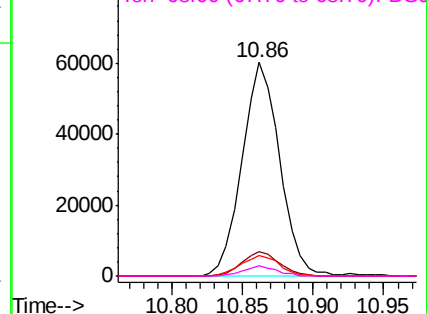
Abundance

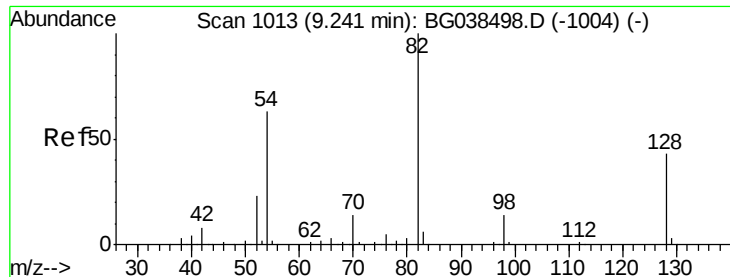
Ion 136.00 (135.70 to 136.70): BGC

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

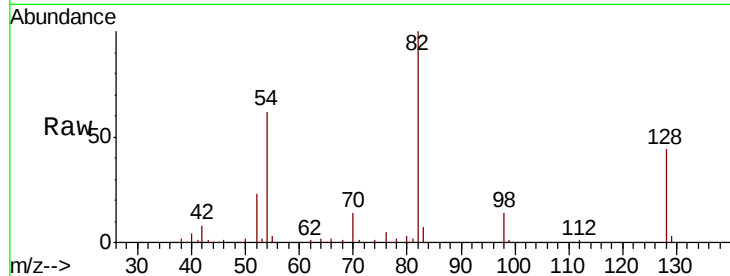




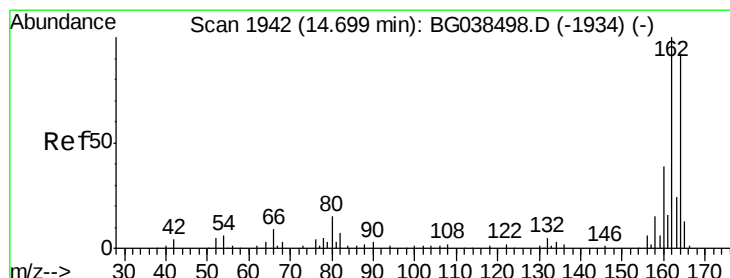
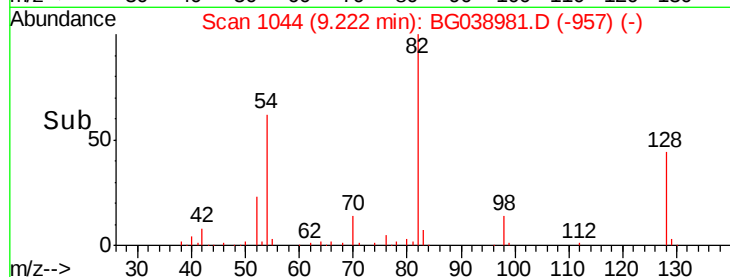
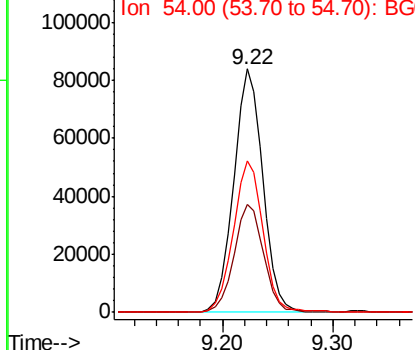
#23
Nitrobenzene-d5
Concen: 70.916 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038981.D
Acq: 8 Jan 2019 00:25

Instrument :
BNA_G
ClientSampleId :
OK-03-010419

Tot Ion: 82 Resp: 155721
Ion Ratio Lower Upper
82 100
128 44.5 34.6 52.0
54 62.4 50.6 76.0

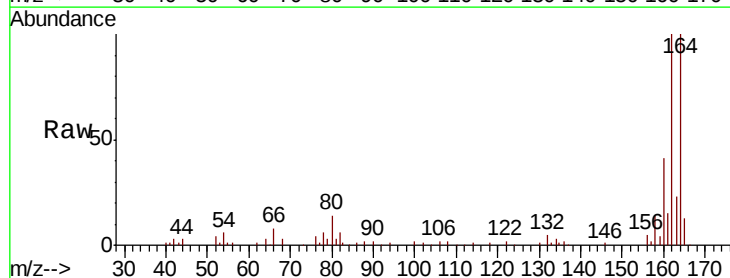


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

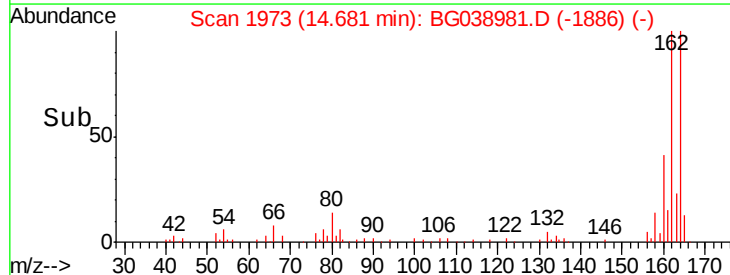
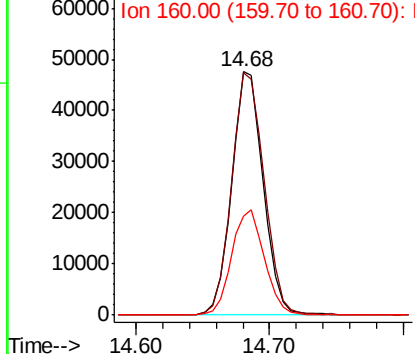


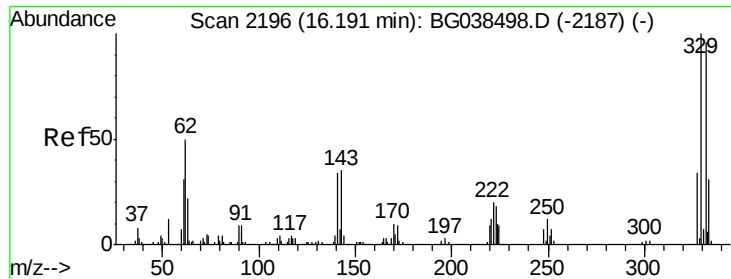
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG038981.D
Acq: 8 Jan 2019 00:25

Tgt Ion: 164 Resp: 77828
Ion Ratio Lower Upper
164 100
162 99.8 86.6 130.0
160 40.7 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: 132.918 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038981.D

Acq: 8 Jan 2019 00:25

Instrument :

BNA_G

ClientSampleId :

OK-03-010419

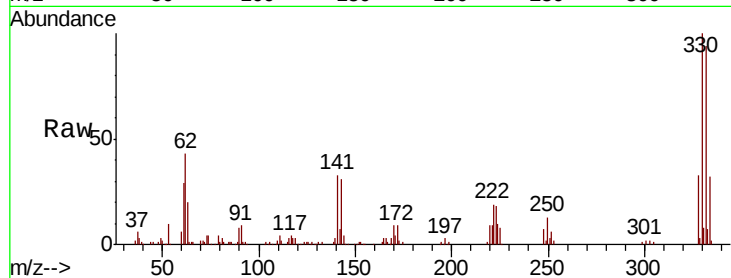
Tot Ion:330 Resp: 142569

Ion Ratio Lower Upper

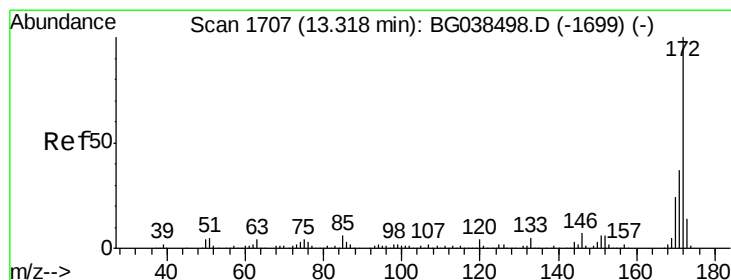
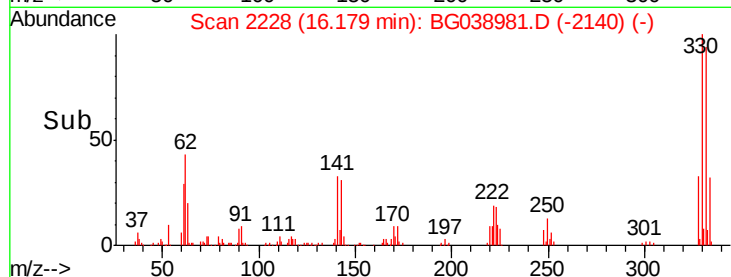
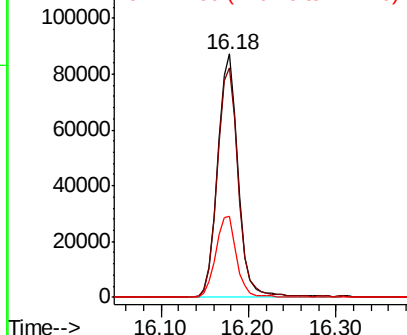
330 100

332 96.2 76.9 115.3

141 33.9 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: 76.270 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG038981.D

Acq: 8 Jan 2019 00:25

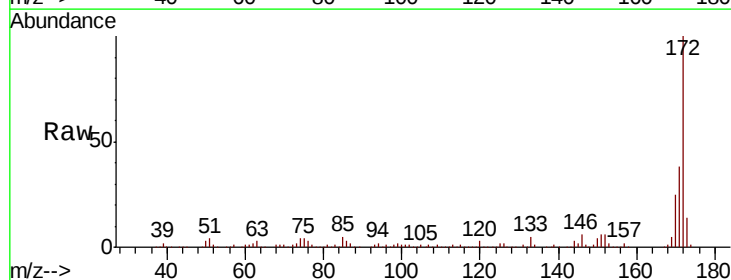
Tgt Ion:172 Resp: 432696

Ion Ratio Lower Upper

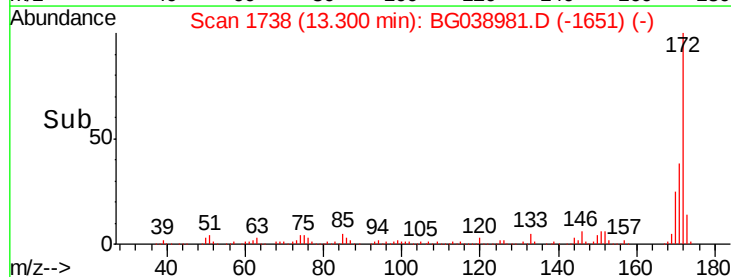
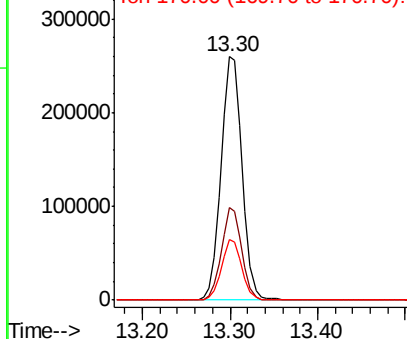
172 100

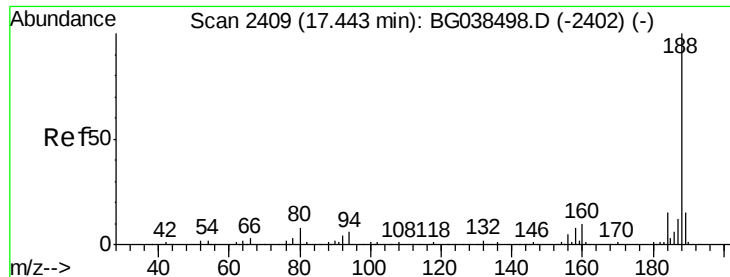
171 38.0 29.8 44.6

170 24.7 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

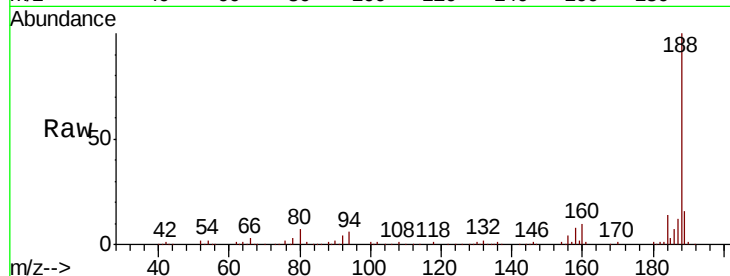




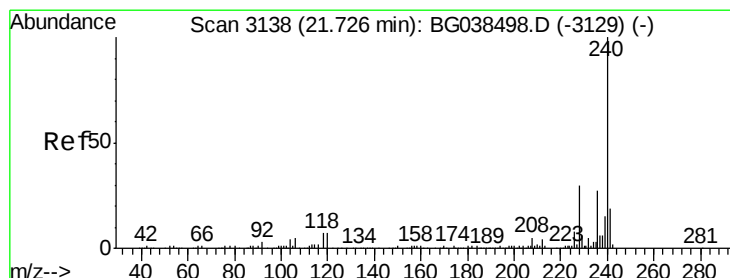
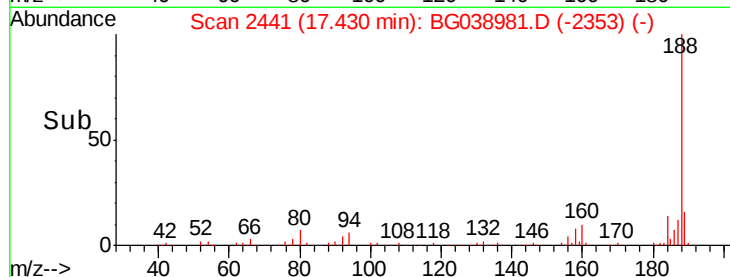
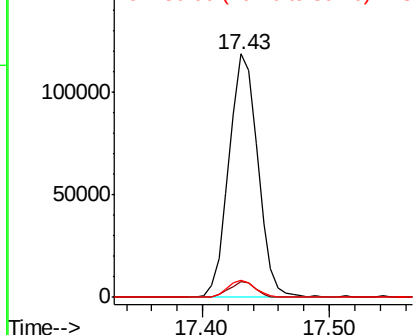
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG038981.D
Acq: 8 Jan 2019 00:25

Instrument :
BNA_G
ClientSampleId :
OK-03-010419

Tot Ion:188 Resp: 187371
Ion Ratio Lower Upper
188 100
94 6.3 5.1 7.7
80 6.9 6.1 9.1

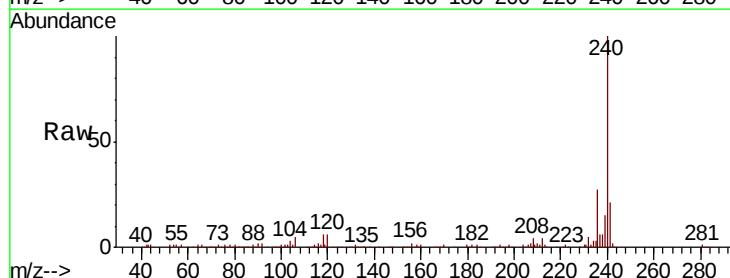


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

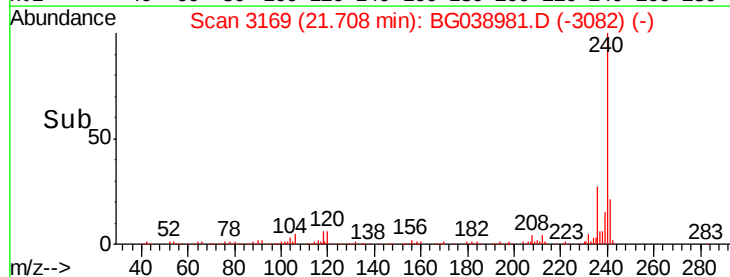
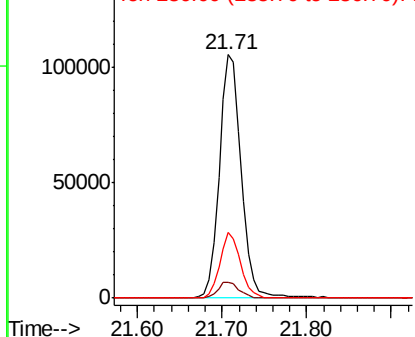


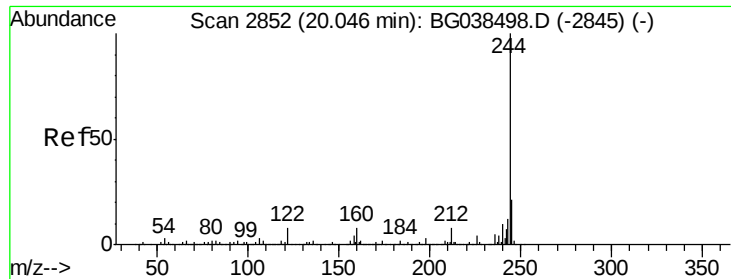
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG038981.D
Acq: 8 Jan 2019 00:25

Tgt Ion:240 Resp: 189544
Ion Ratio Lower Upper
240 100
120 6.2 5.3 7.9
236 27.1 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

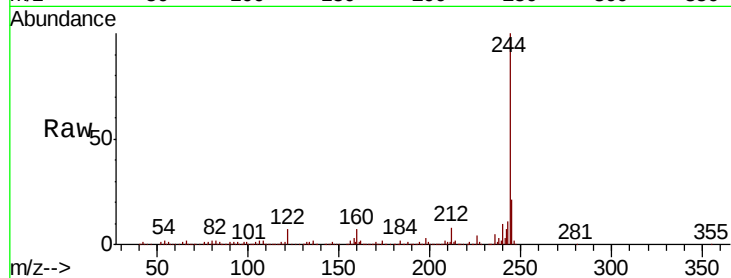




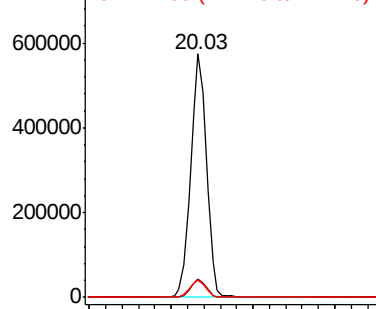
#79
 Terphenyl-d14
 Concen: 88.985 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BG038981.D
 Acq: 8 Jan 2019 00:25

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-010419

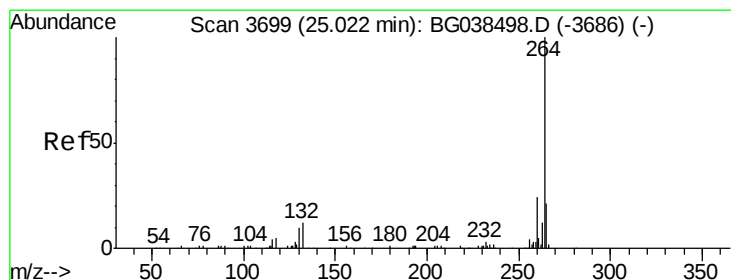
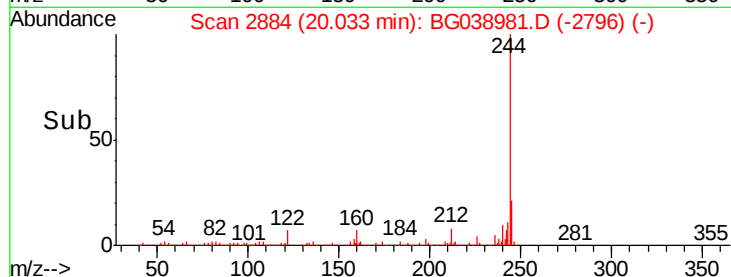
Tot Ion:244 Resp: 774997
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 7.1 6.3 9.5



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

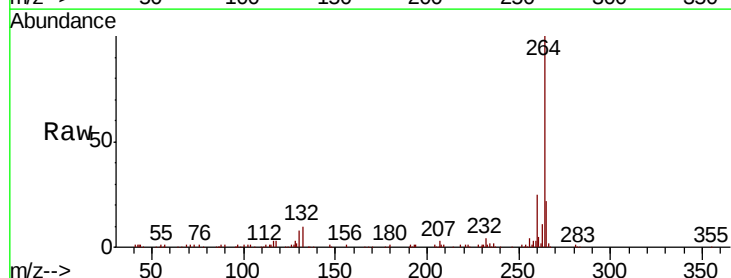


Time--> 19.90 20.03 20.10 20.20

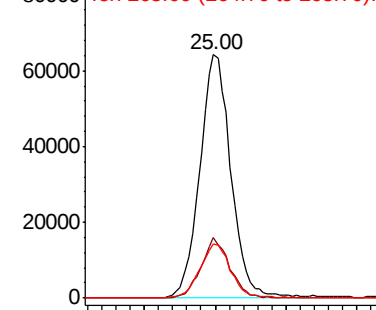


#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.00 min Scan# 3729
 Delta R.T. -0.02 min
 Lab File: BG038981.D
 Acq: 8 Jan 2019 00:25

Tgt Ion:264 Resp: 196758
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.9 28.3
 265 22.1 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 25.20

