

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038937.D
 Acq On : 4 Jan 2019 19:48
 Operator : JU/SJ
 Sample : K1041-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OS-1-5-COMP

Quant Time: Jan 04 23:08:16 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	25337	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	97439	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	66793	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	171931	20.00	ng	0.00
76) Chrysene-d12	21.71	240	171330	20.00	ng	-0.01
87) Perylene-d12	25.01	264	172669	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	176057	123.24	ng	0.00
7) Phenol-d6	7.21	99	214194	109.22	ng	0.00
23) Nitrobenzene-d5	9.22	82	165488	86.77	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	133677	145.22	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	441691	90.72	ng	-0.01
79) Terphenyl-d14	20.03	244	858468	109.05	ng	-0.01

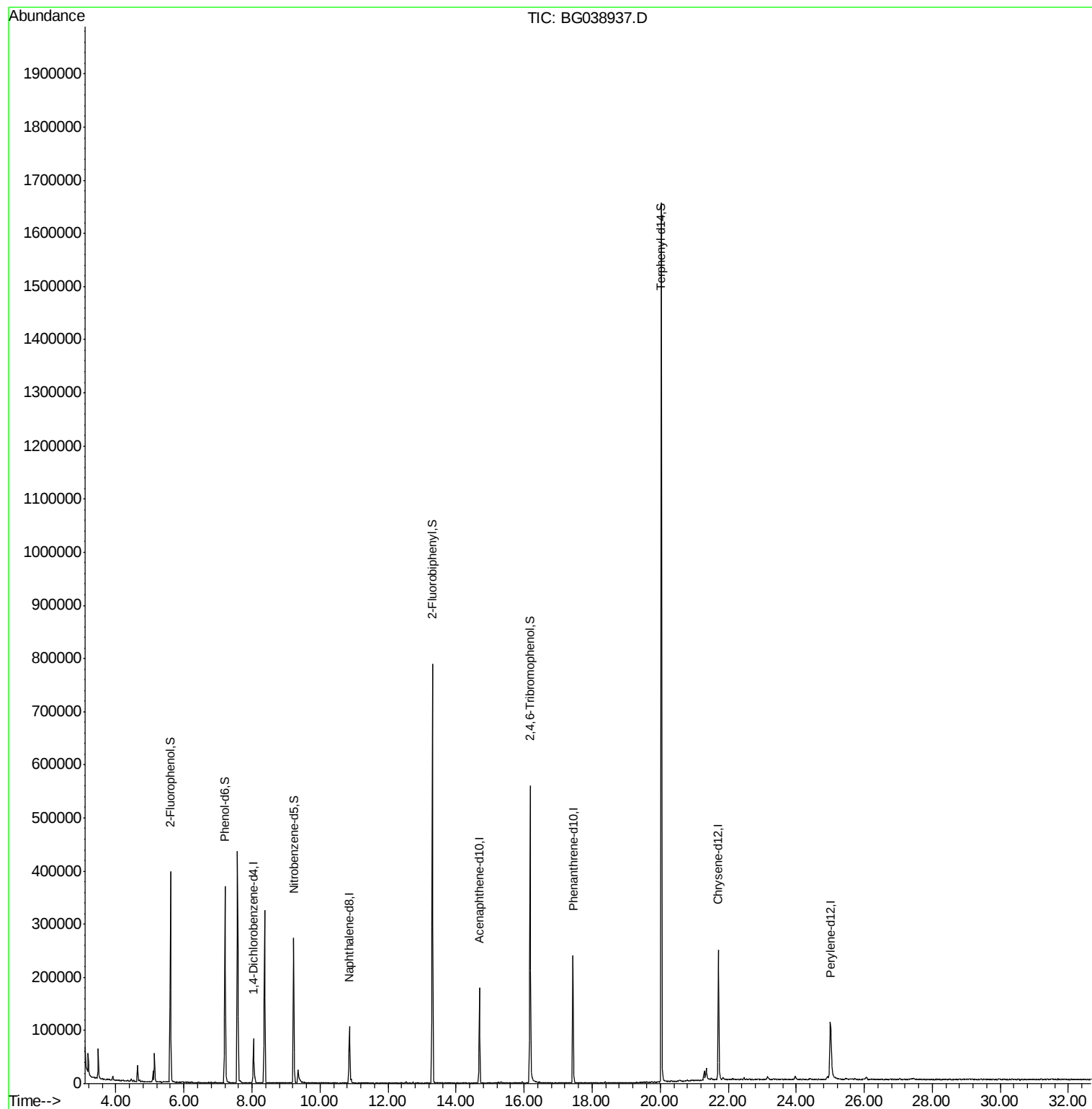
Target Compounds Qvalue

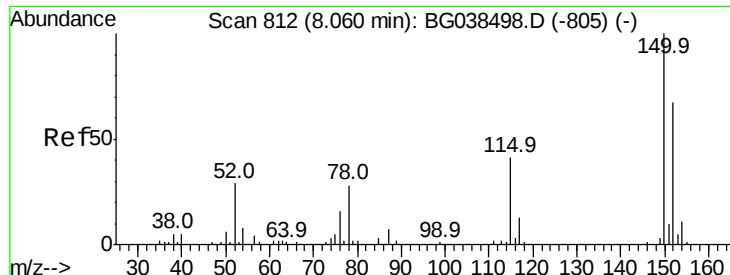
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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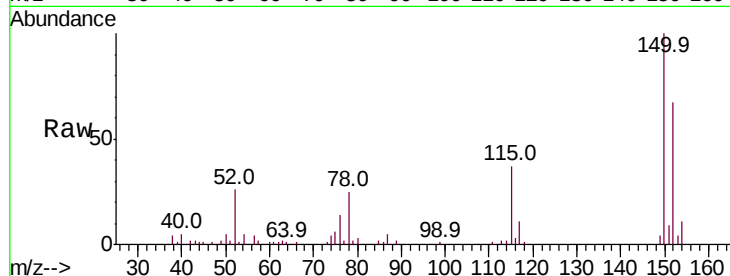


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BG038937.D
 Acq: 4 Jan 2019 19:48

Instrument :
 BNA_G
 ClientSampleId :
 OS-1-5-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	119.5	179.3
115	55.2	49.6	74.4

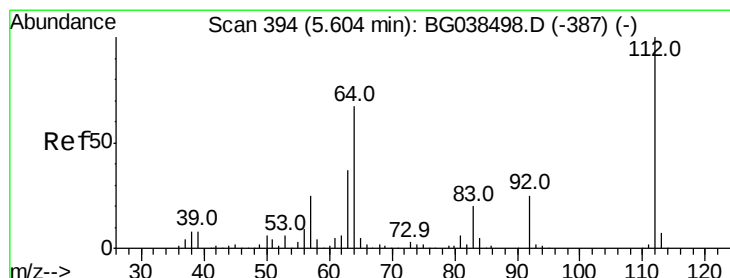
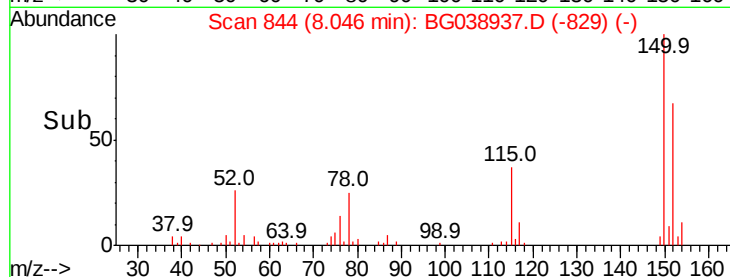
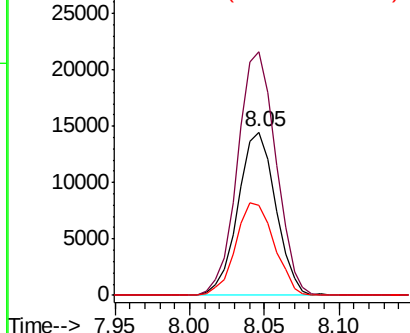


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

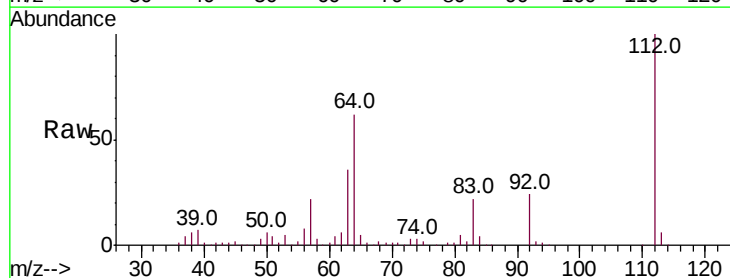
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 123.244 ng
 RT: 5.60 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BG038937.D
 Acq: 4 Jan 2019 19:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	53.4	80.2
63	35.6	29.3	43.9

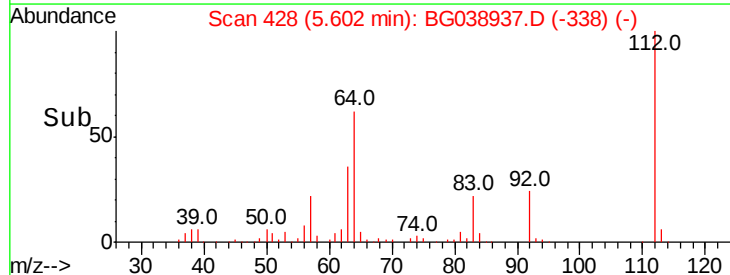
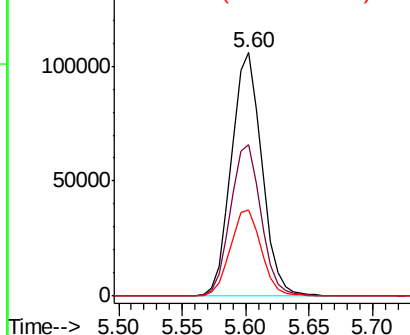


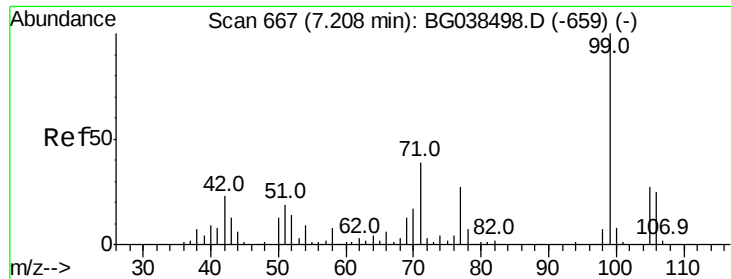
Abundance

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: 109.222 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038937.D

Acq: 4 Jan 2019 19:48

Instrument :

BNA_G

ClientSampleId :

OS-1-5-COMP

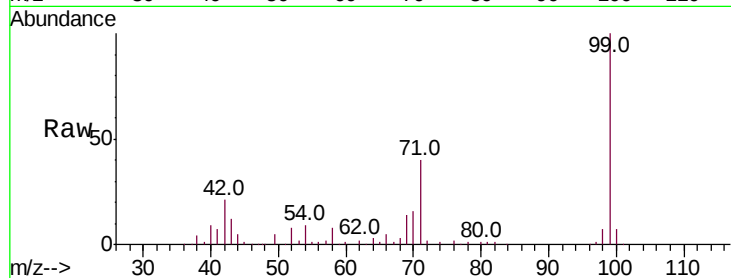
Tot Ion: 99 Resp: 214194

Ion Ratio Lower Upper

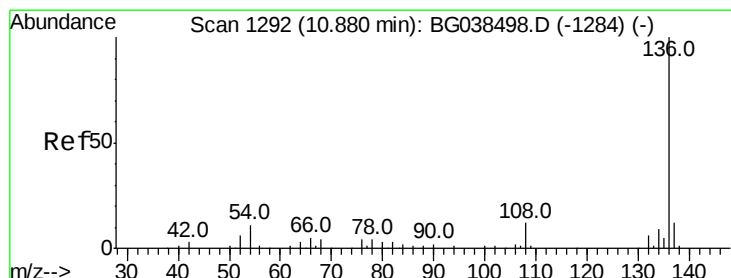
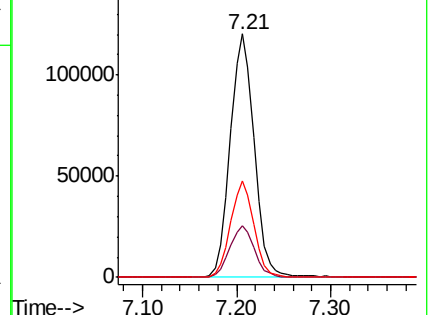
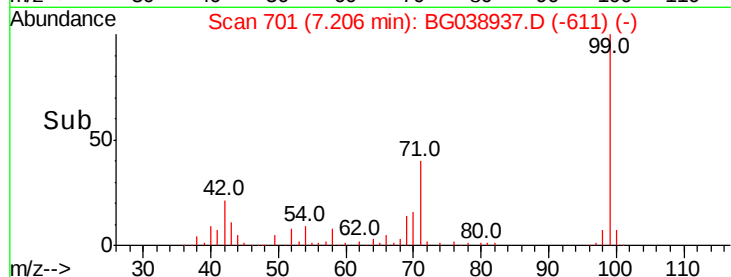
99 100

42 21.0 18.5 27.7

71 39.9 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: BG038937.D

Acq: 4 Jan 2019 19:48

Tgt Ion: 136 Resp: 97439

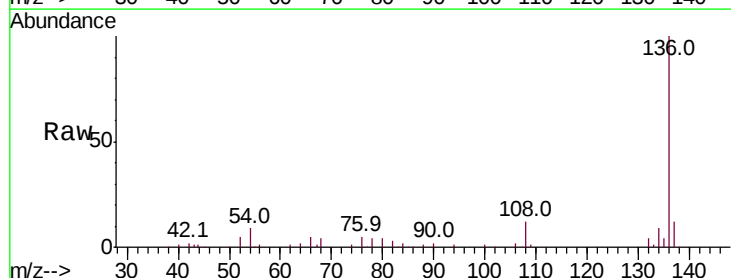
Ion Ratio Lower Upper

136 100

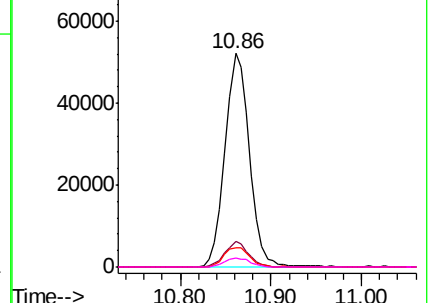
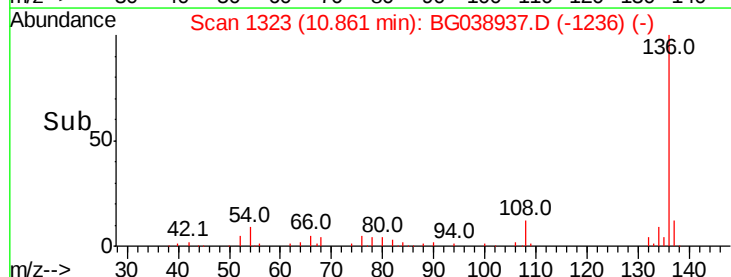
137 11.8 9.3 13.9

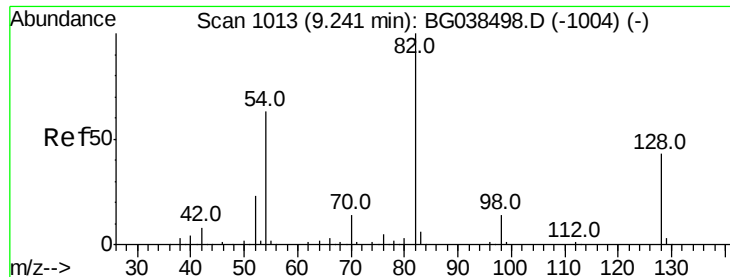
54 9.1 8.5 12.7

68 4.3 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

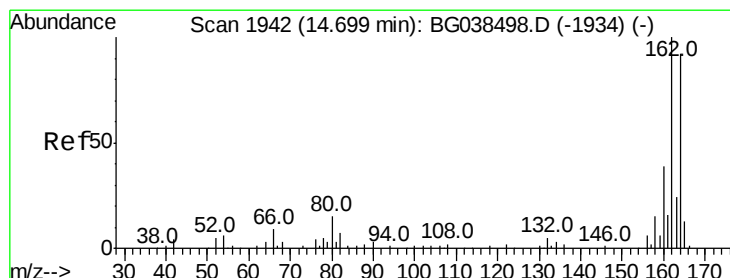
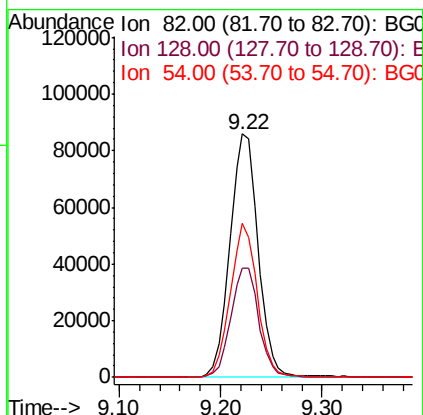
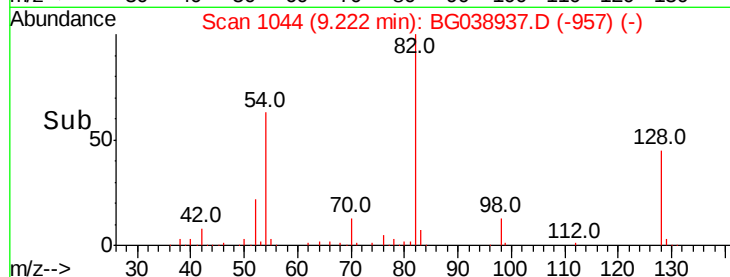
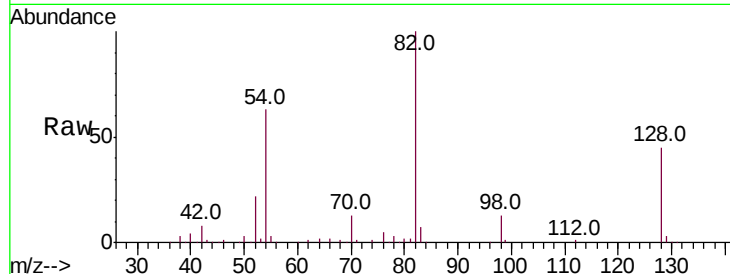




#23
Nitrobenzene-d5
Concen: 86.765 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038937.D
Acq: 4 Jan 2019 19:48

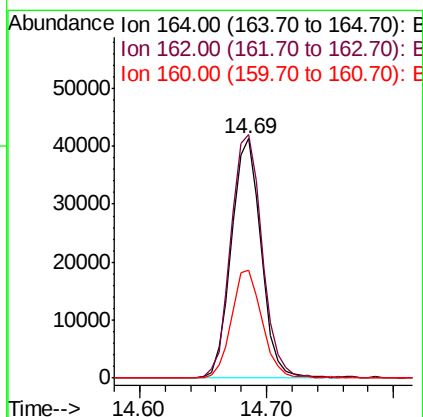
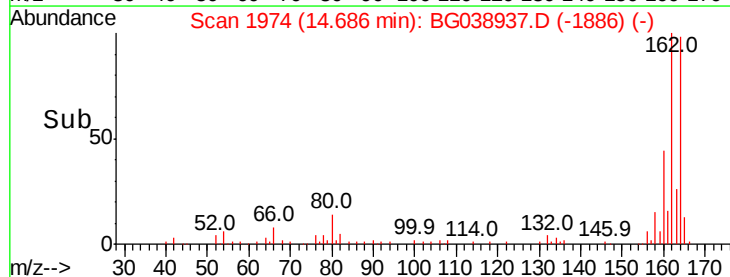
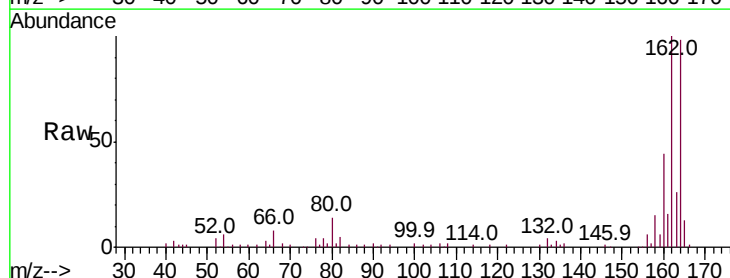
Instrument :
BNA_G
ClientSampleId :
OS-1-5-COMP

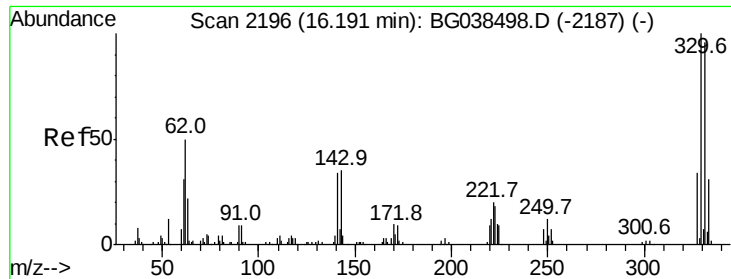
Tot Ion: 82 Resp: 165488
Ion Ratio Lower Upper
82 100
128 45.1 34.6 52.0
54 63.1 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG038937.D
Acq: 4 Jan 2019 19:48

Tgt Ion:164 Resp: 66793
Ion Ratio Lower Upper
164 100
162 101.6 86.6 130.0
160 44.9 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 145.218 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038937.D

Acq: 4 Jan 2019 19:48

Instrument :

BNA_G

ClientSampleId :

OS-1-5-COMP

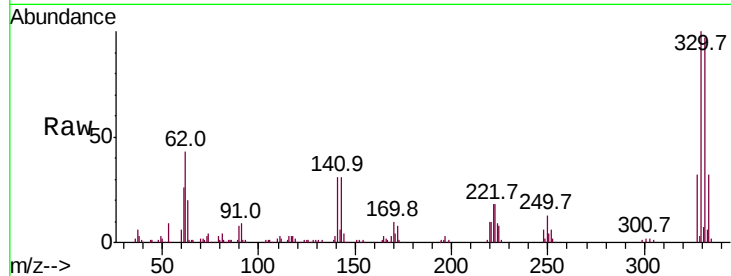
Tot Ion:330 Resp: 133677

Ion Ratio Lower Upper

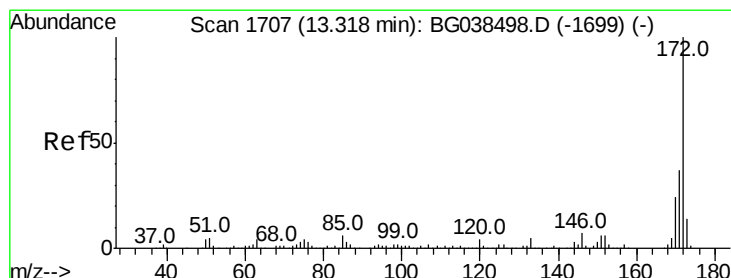
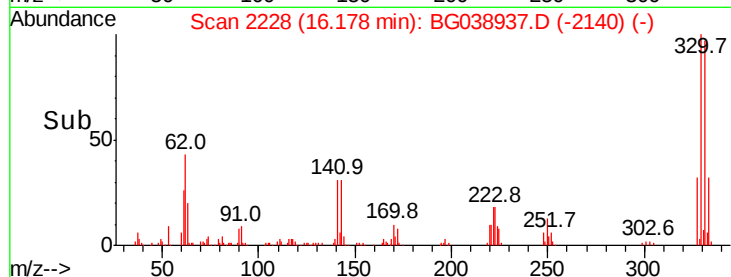
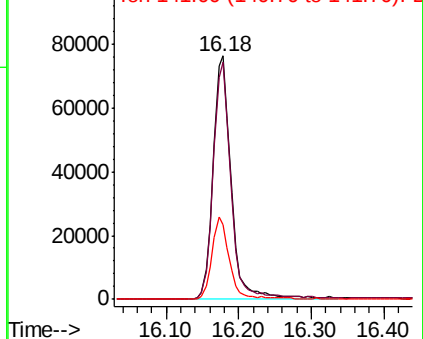
330 100

332 95.0 76.9 115.3

141 32.6 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: 90.718 ng

RT: 13.30 min Scan# 1739

Delta R.T. -0.01 min

Lab File: BG038937.D

Acq: 4 Jan 2019 19:48

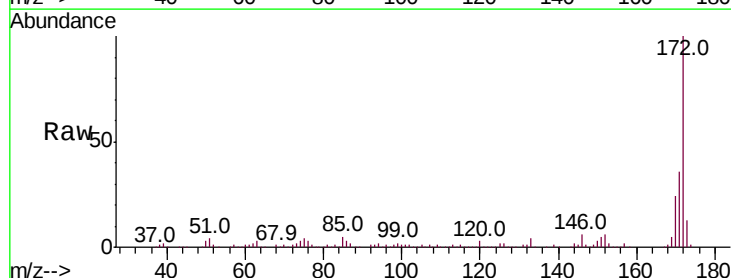
Tgt Ion:172 Resp: 441691

Ion Ratio Lower Upper

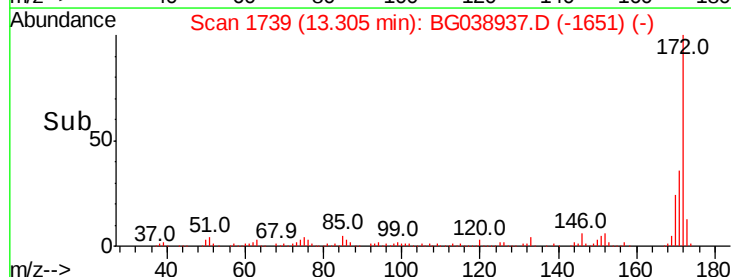
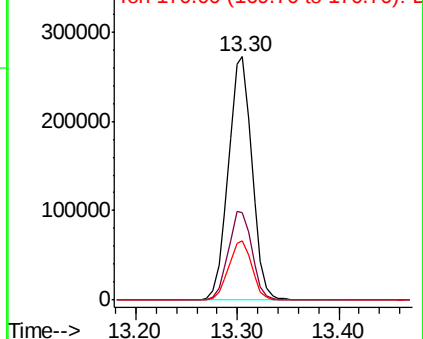
172 100

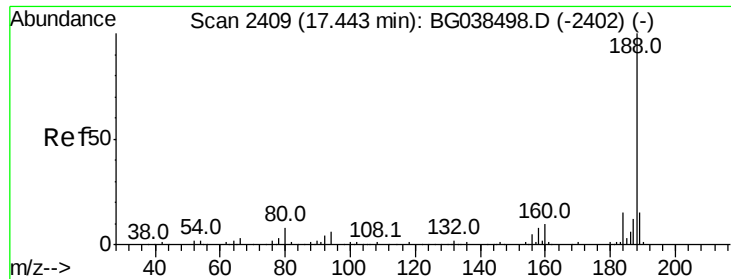
171 35.9 29.8 44.6

170 24.2 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

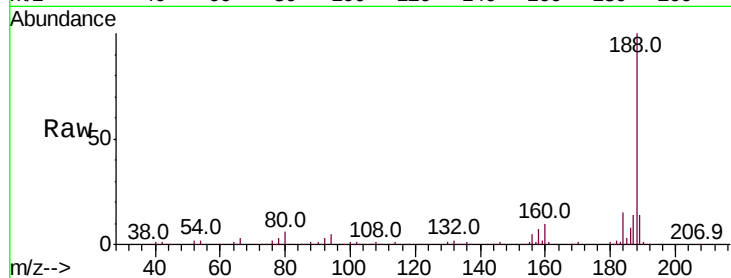




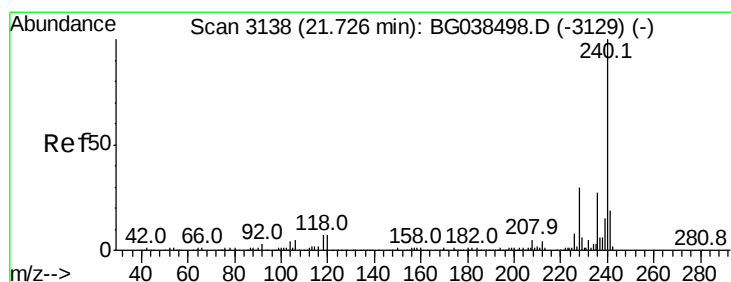
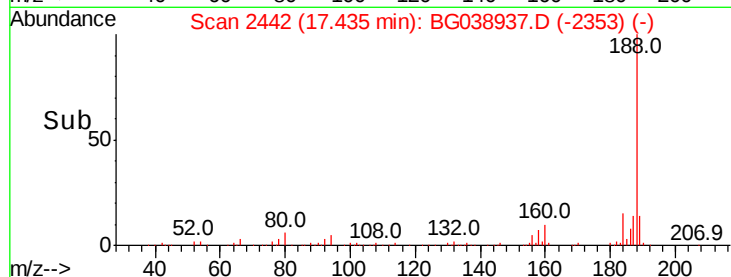
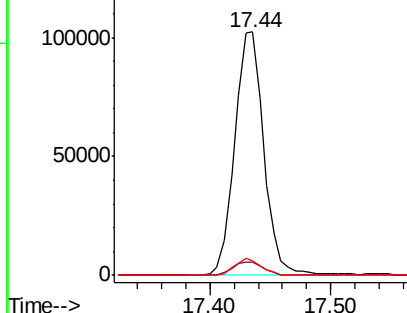
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038937.D
Acq: 4 Jan 2019 19:48

Instrument :
BNA_G
ClientSampleId :
OS-1-5-COMP

Tot Ion:188 Resp: 171931
Ion Ratio Lower Upper
188 100
94 5.2 5.1 7.7
80 5.8 6.1 9.1#

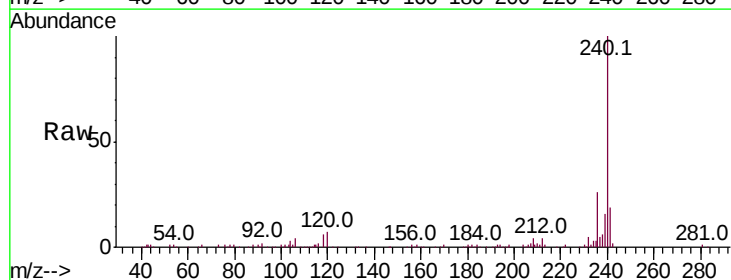


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

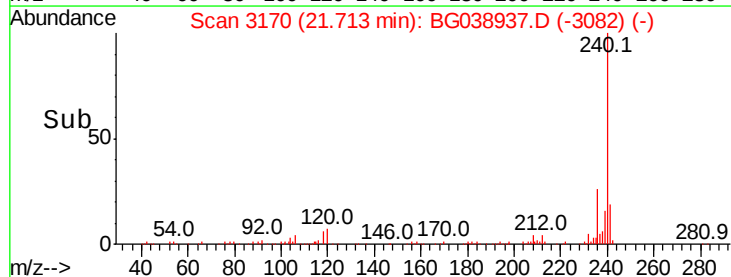
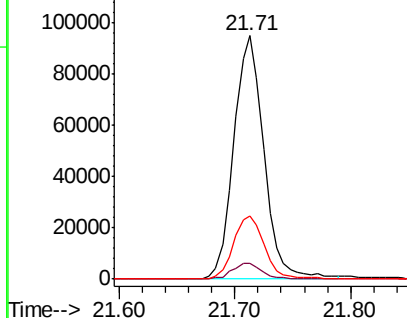


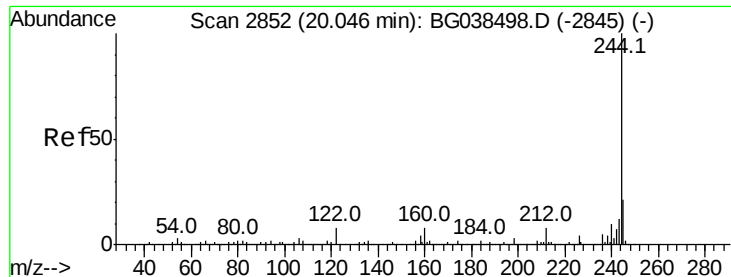
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038937.D
Acq: 4 Jan 2019 19:48

Tgt Ion:240 Resp: 171330
Ion Ratio Lower Upper
240 100
120 6.7 5.3 7.9
236 26.2 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: 109.048 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038937.D

Acq: 4 Jan 2019 19:48

Instrument :

BNA_G

ClientSampleId :

OS-1-5-COMP

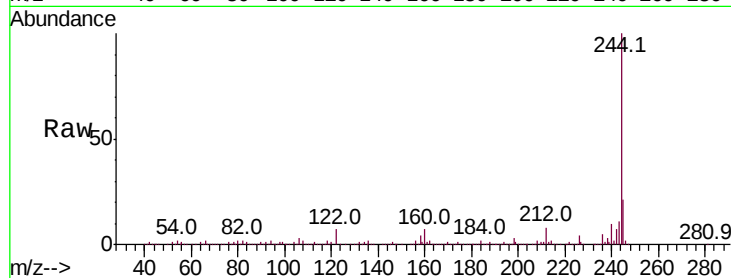
Tot Ion:244 Resp: 858468

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

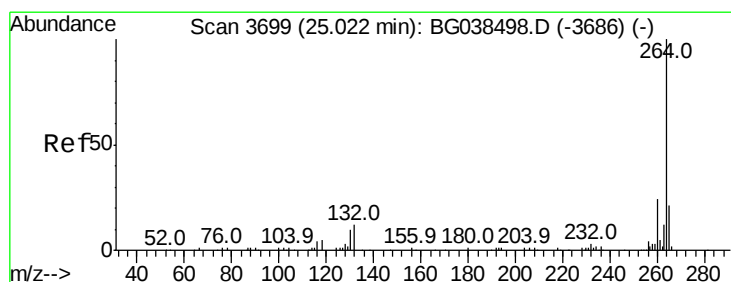
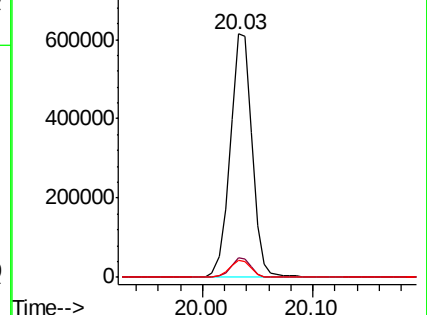
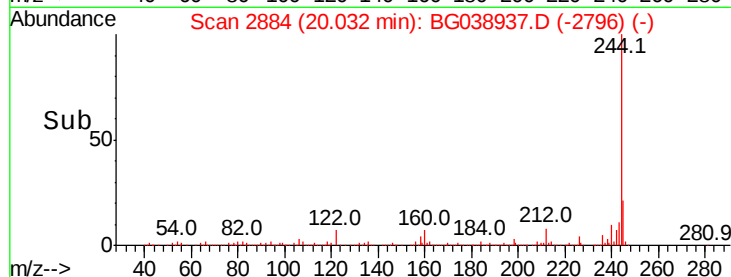
122 7.2 6.3 9.5



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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038937.D

Acq: 4 Jan 2019 19:48

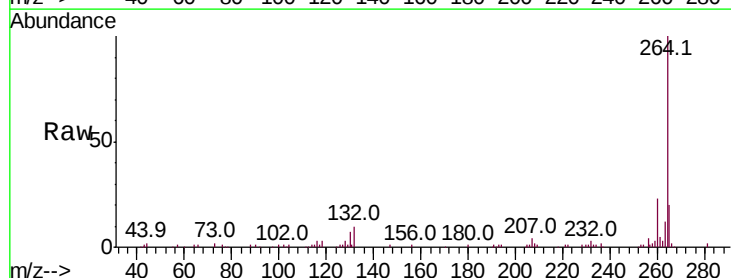
Tgt Ion:264 Resp: 172669

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 20.2 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

