

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
 Data File : BG041018.D
 Acq On : 1 Jun 2019 18:43
 Operator : HP/JU
 Sample : K3106-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TRIANGLE

Quant Time: Jun 03 03:53:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	61617	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	241240	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	174156	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	422013	20.00	ng	0.00
76) Chrysene-d12	21.77	240	421403	20.00	ng	-0.01
87) Perylene-d12	25.11	264	445254	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	206401	60.40	ng	0.00
7) Phenol-d6	7.26	99	188501	35.72	ng	0.00
23) Nitrobenzene-d5	9.30	82	474811	87.38	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	310937	120.26	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1070519	88.52	ng	0.00
79) Terphenyl-d14	20.09	244	1742894	87.78	ng	0.00

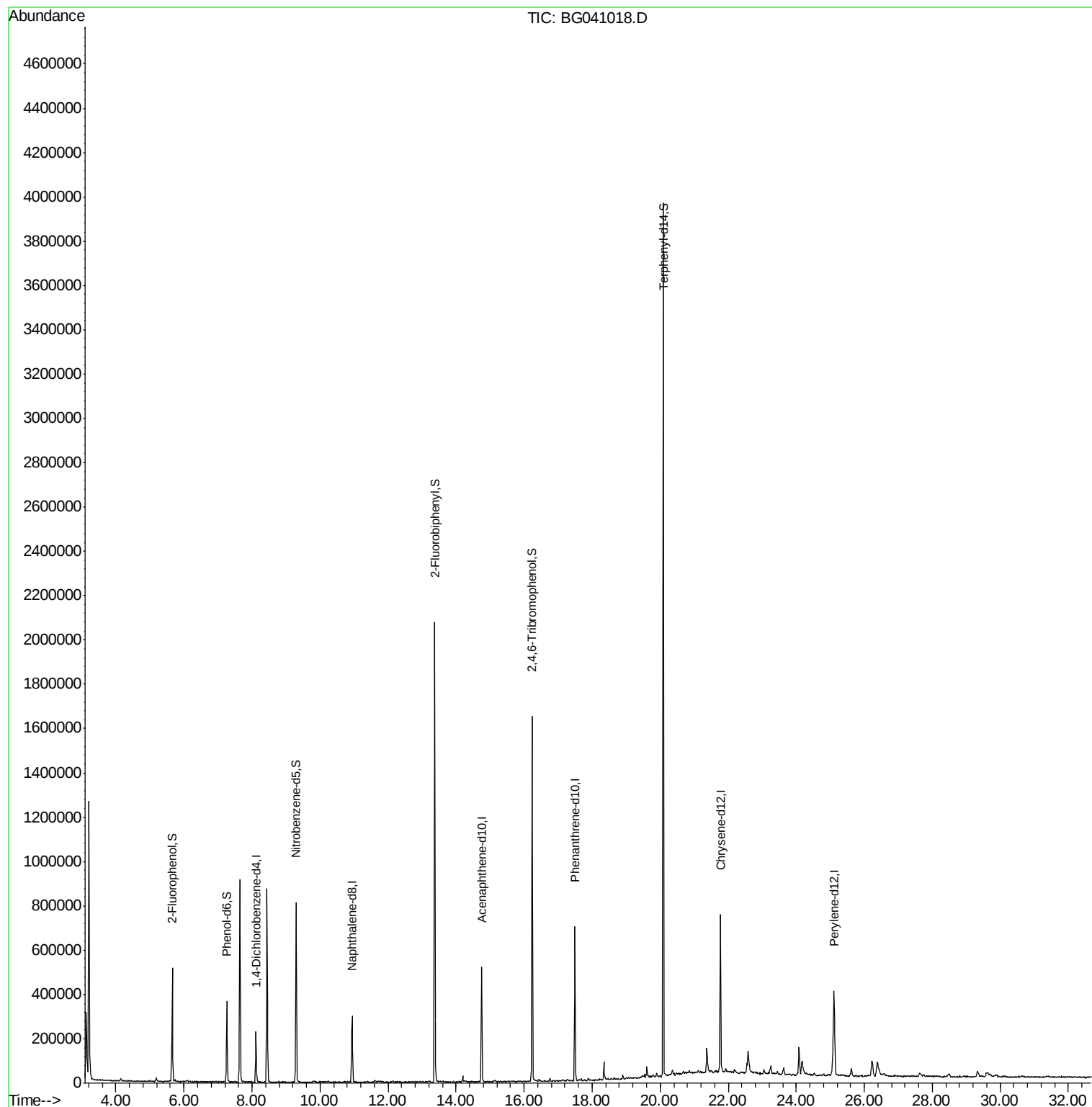
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG041018.D

Acq: 1 Jun 2019 18:43

Instrument :

BNA_G

ClientSampleId :

TRIANGLE

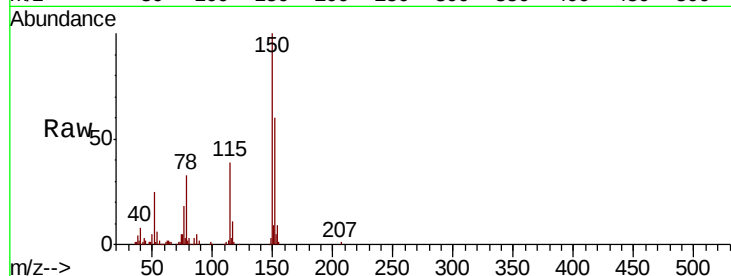
Tot Ion:152 Resp: 61617

Ion Ratio Lower Upper

152 100

150 166.2 120.6 180.8

115 64.7 45.1 67.7

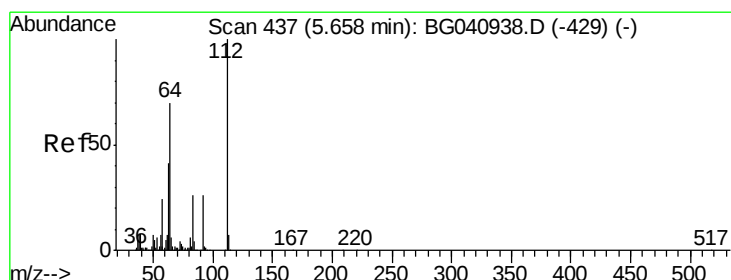
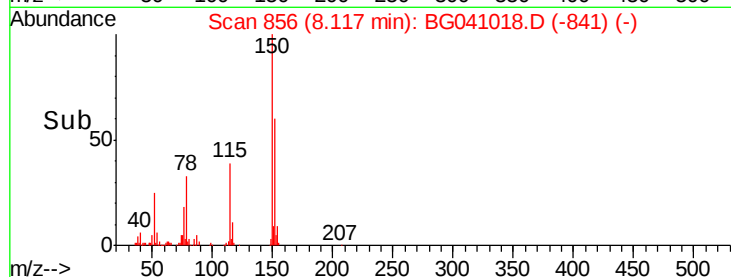
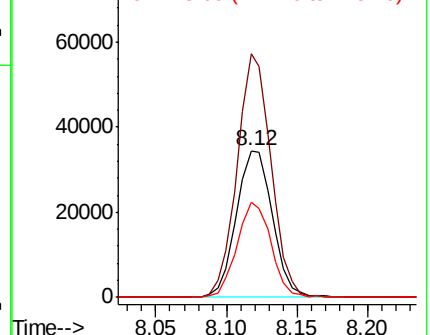


Abundance

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: 60.403 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG041018.D

Acq: 1 Jun 2019 18:43

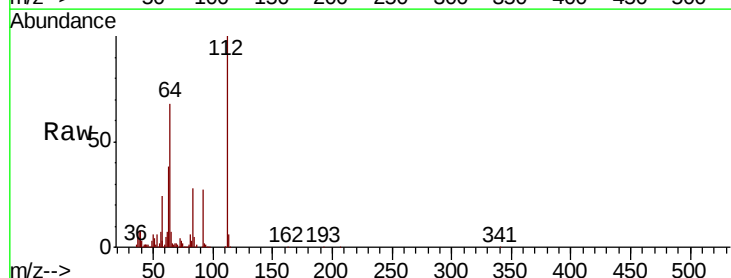
Tgt Ion:112 Resp: 206401

Ion Ratio Lower Upper

112 100

64 68.2 56.2 84.2

63 38.5 32.8 49.2

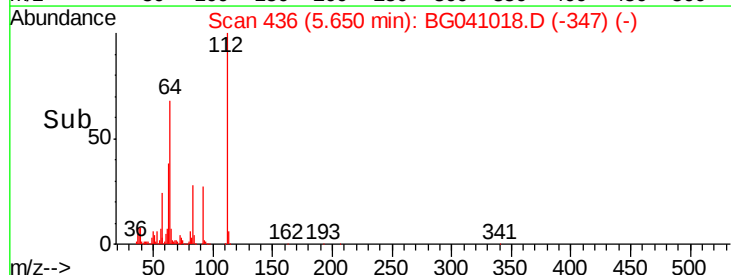
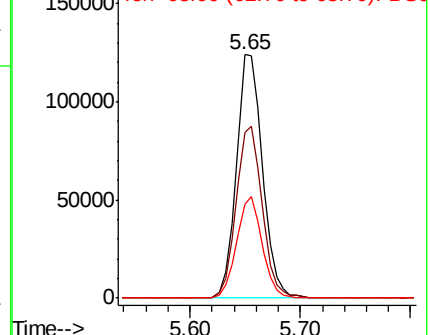


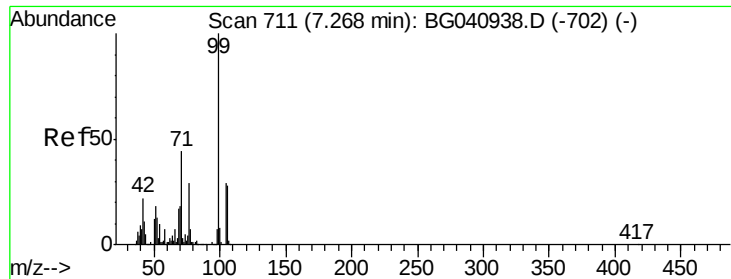
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 35.719 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041018.D

Acq: 1 Jun 2019 18:43

Instrument :

BNA_G

ClientSampleId :

TRIANGLE

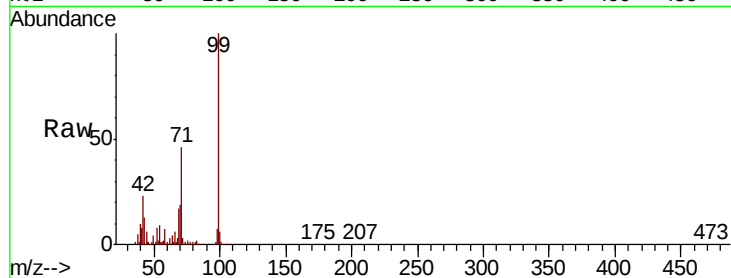
Tot Ion: 99 Resp: 188501

Ion Ratio Lower Upper

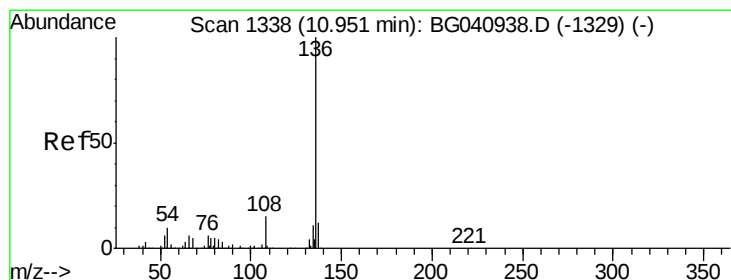
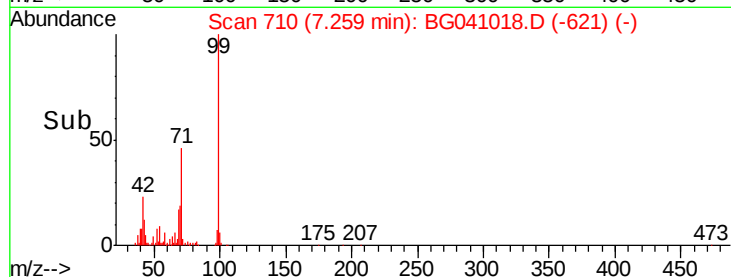
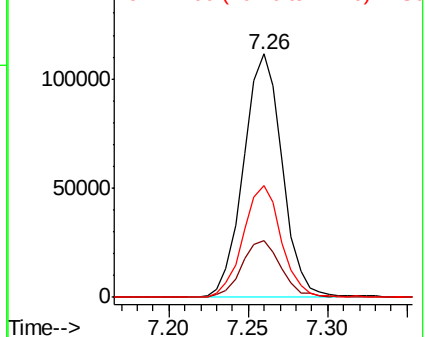
99 100

42 23.1 17.9 26.9

71 46.1 35.4 53.0



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: 10.94 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BG041018.D

Acq: 1 Jun 2019 18:43

Tgt Ion: 136 Resp: 241240

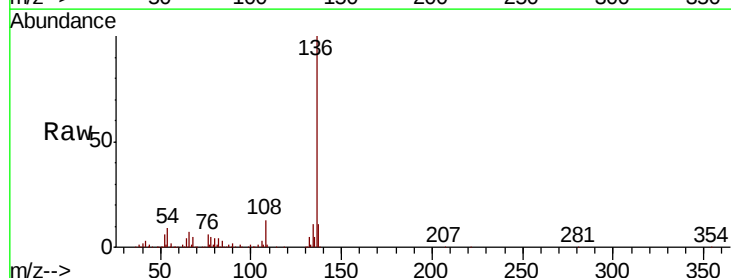
Ion Ratio Lower Upper

136 100

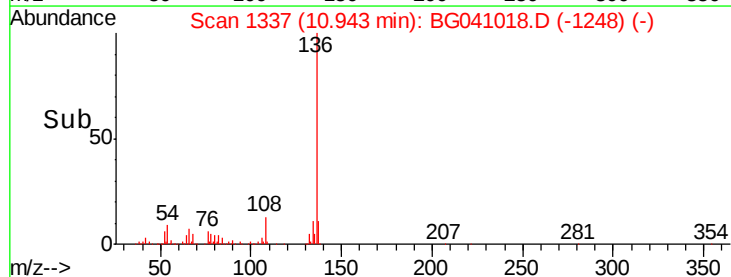
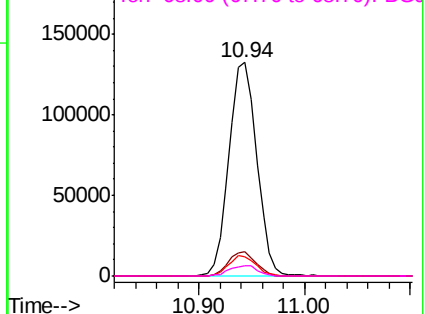
137 11.4 9.5 14.3

54 8.9 7.6 11.4

68 4.9 3.9 5.9



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

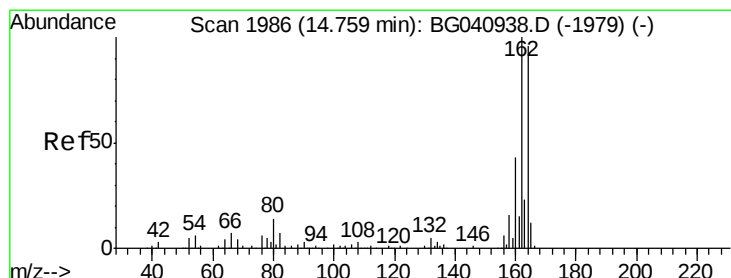
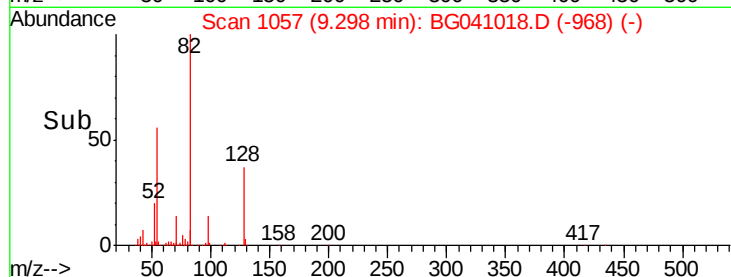
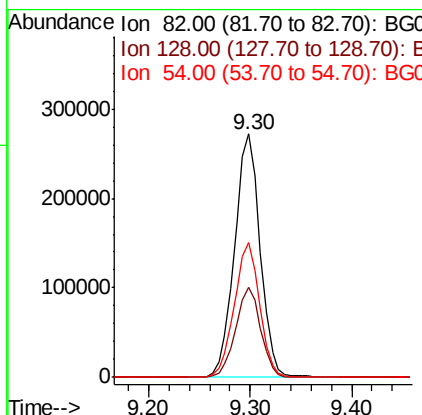
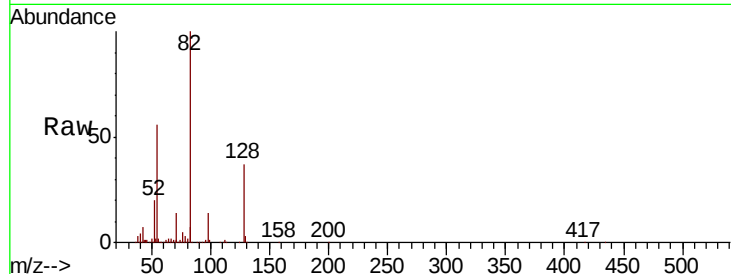




#23
 Nitrobenzene-d5
 Concen: 87.376 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG041018.D
 Acq: 1 Jun 2019 18:43

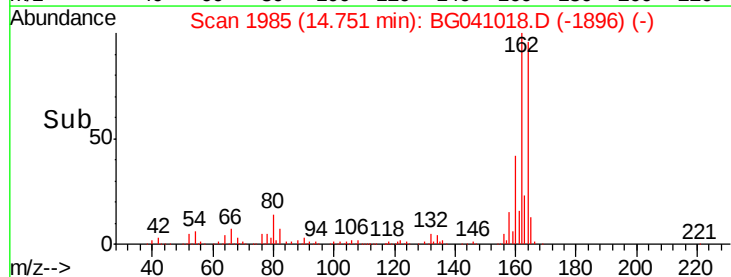
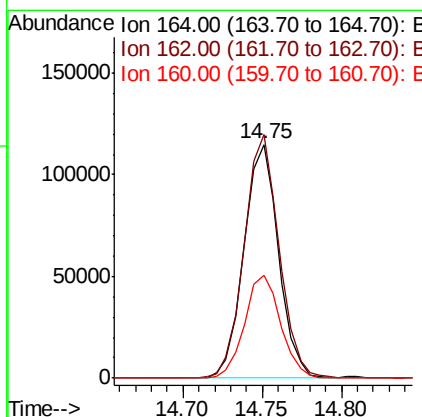
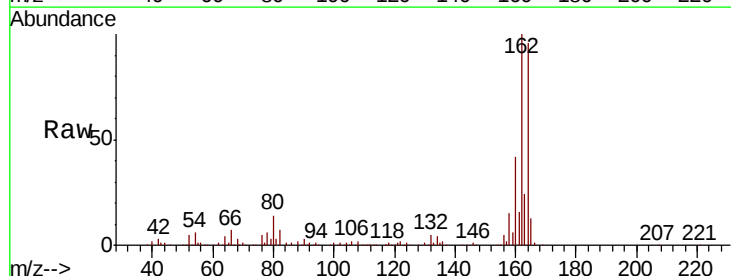
Instrument :
 BNA_G
 ClientSampleId :
 TRIANGLE

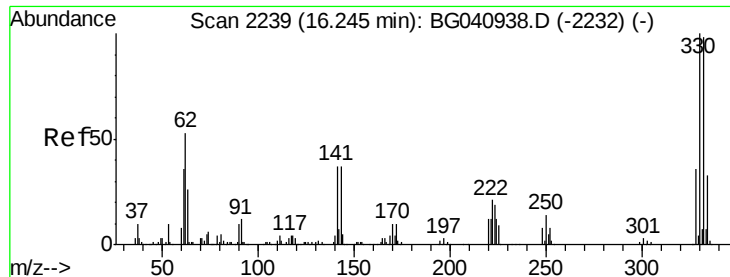
Tot Ion	82.00	Resp	474811
Ion Ratio	Lower	Upper	
82	100		
128	36.8	30.5	45.7
54	55.6	44.6	66.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG041018.D
 Acq: 1 Jun 2019 18:43

Tgt Ion	164.00	Resp	174156
Ion Ratio	Lower	Upper	
164	100		
162	104.2	83.0	124.4
160	44.1	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 120.263 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG041018.D

Acq: 1 Jun 2019 18:43

Instrument :

BNA_G

ClientSampleId :

TRIANGLE

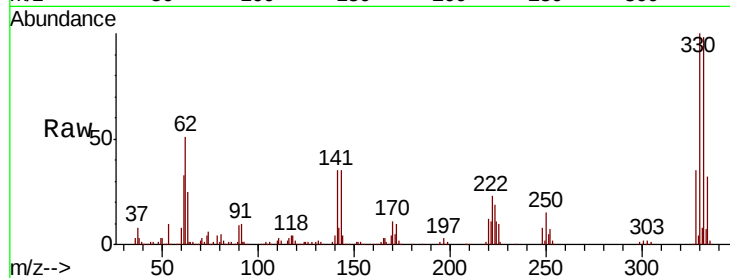
Tot Ion:330 Resp: 310937

Ion Ratio Lower Upper

330 100

332 96.7 78.5 117.7

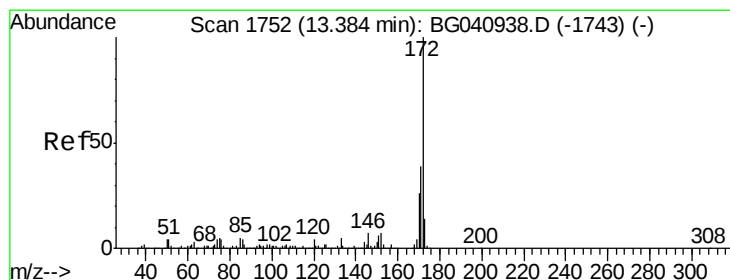
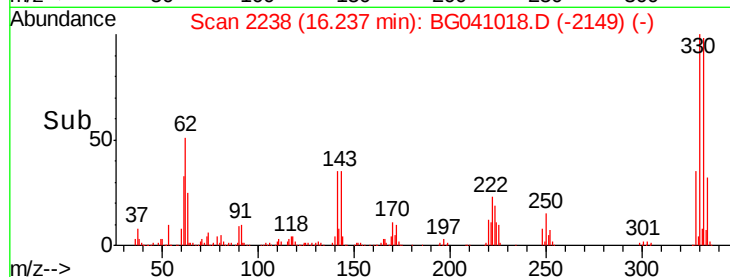
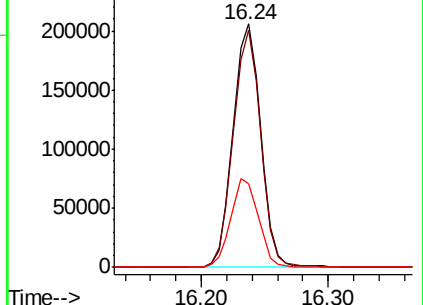
141 36.6 28.7 43.1



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: 88.522 ng

RT: 13.38 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BG041018.D

Acq: 1 Jun 2019 18:43

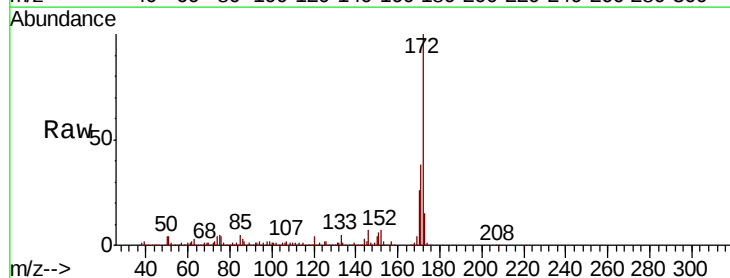
Tgt Ion:172 Resp: 1070519

Ion Ratio Lower Upper

172 100

171 37.7 31.1 46.7

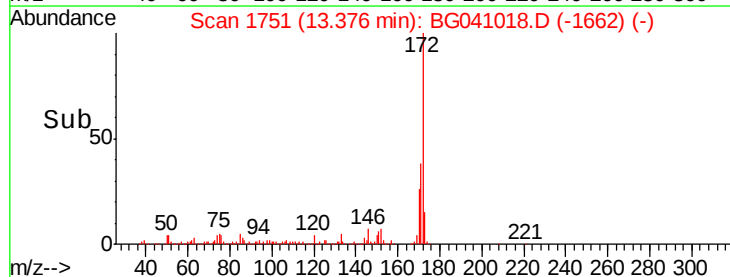
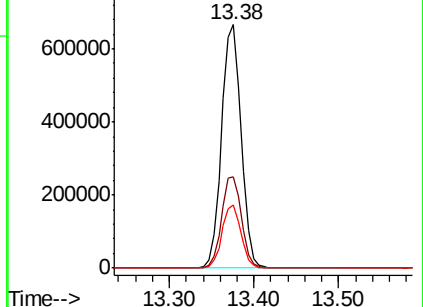
170 26.0 20.5 30.7

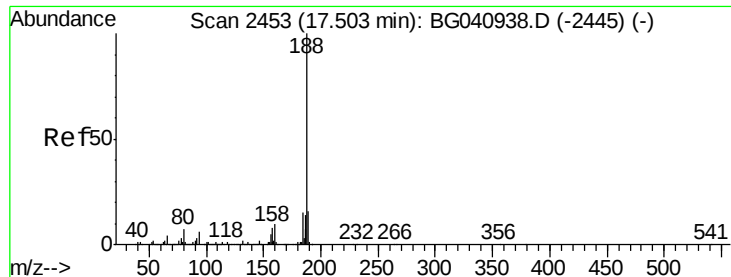


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

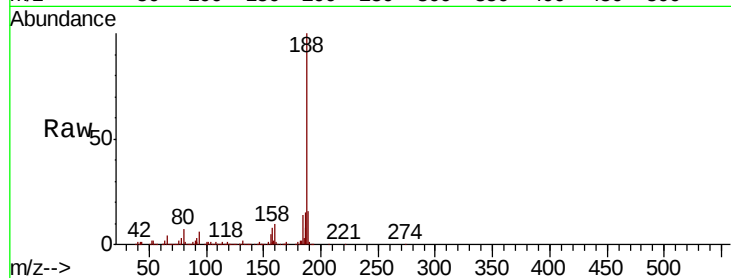




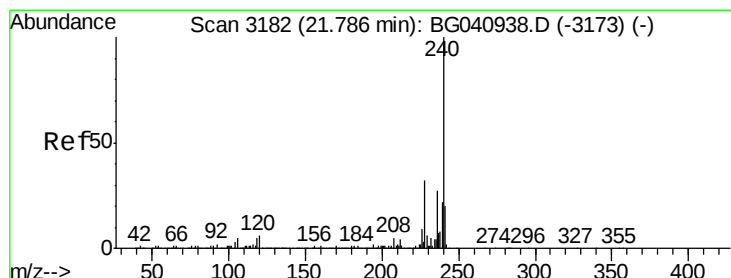
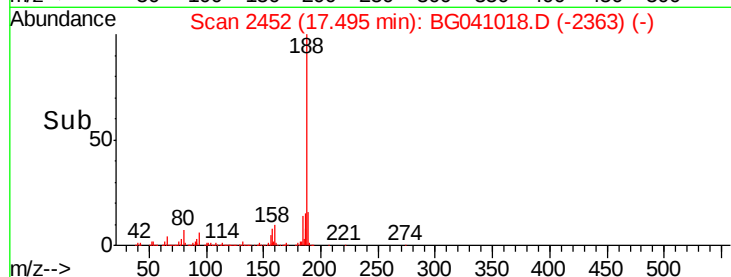
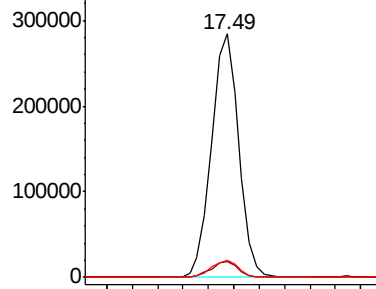
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG041018.D
Acq: 1 Jun 2019 18:43

Instrument :
BNA_G
ClientSampleId :
TRIANGLE

Tot Ion:188 Resp: 422013
Ion Ratio Lower Upper
188 100
94 6.4 4.7 7.1
80 6.8 5.8 8.8

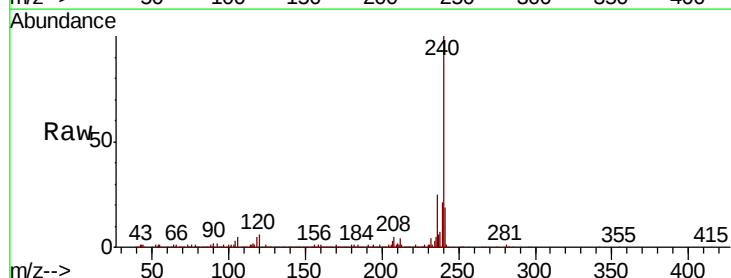


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

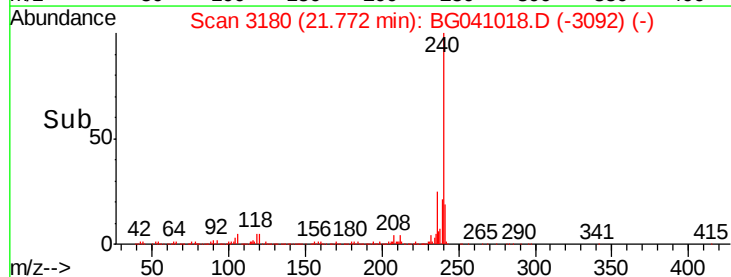
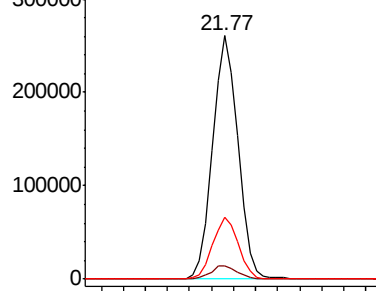


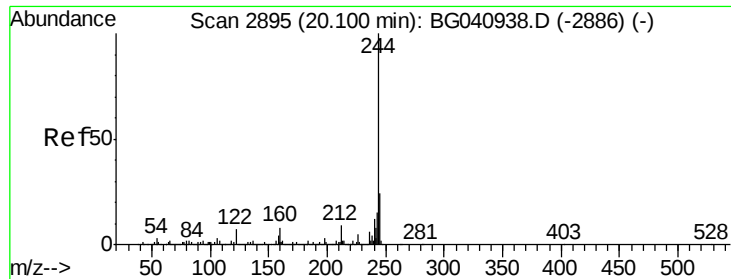
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BG041018.D
Acq: 1 Jun 2019 18:43

Tgt Ion:240 Resp: 421403
Ion Ratio Lower Upper
240 100
120 5.5 4.5 6.7
236 25.4 21.3 31.9



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: 87.779 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG041018.D

Acq: 1 Jun 2019 18:43

Instrument :

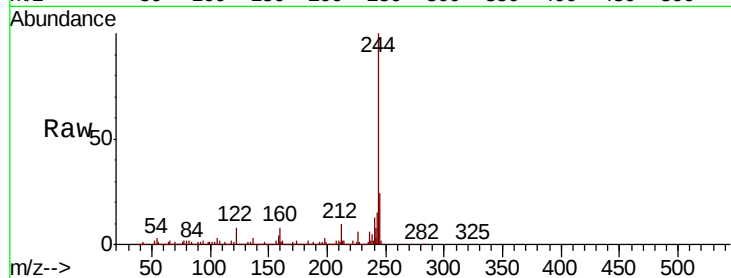
BNA_G

ClientSampleId :

TRIANGLE

Tot Ion:244 Resp: 1742894

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.0	10.4
122	8.1	5.4	8.0

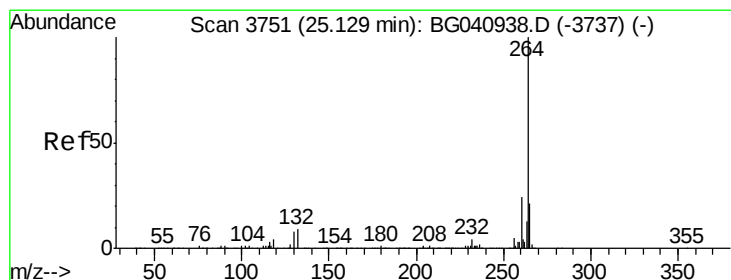
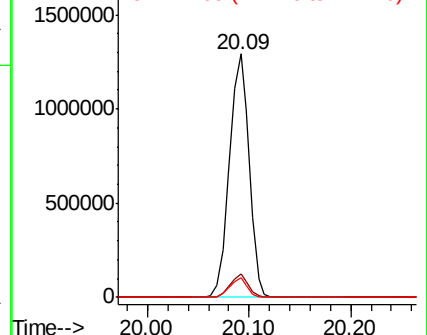
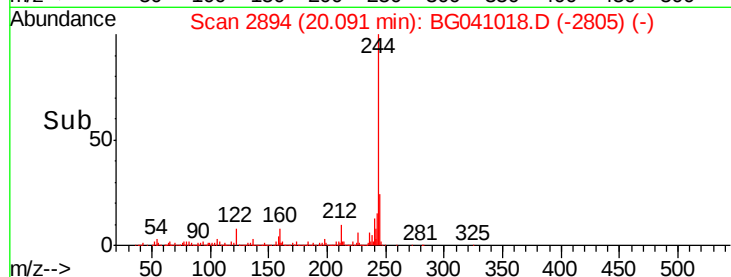


Abundance

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: 25.11 min Scan# 3748

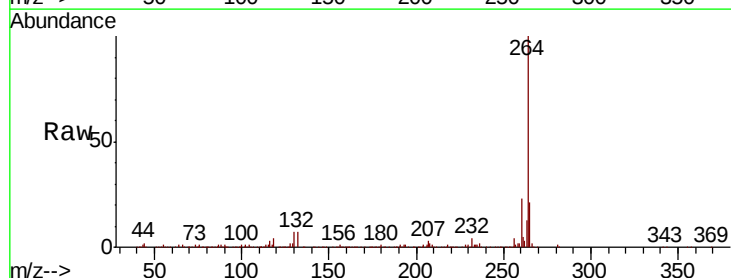
Delta R.T. -0.02 min

Lab File: BG041018.D

Acq: 1 Jun 2019 18:43

Tgt Ion:264 Resp: 445254

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.0	28.4
265	20.9	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

