

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
 Data File : BG040972.D
 Acq On : 31 May 2019 5:03
 Operator : HP/JU
 Sample : K2642-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-052919

Quant Time: May 31 06:35:22 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	63171	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	237861	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	175552	20.00	ng	-0.01
64) Phenanthrene-d10	17.50	188	450963	20.00	ng	0.00
76) Chrysene-d12	21.78	240	460299	20.00	ng	-0.01
87) Perylene-d12	25.11	264	476156	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	439618	125.49	ng	0.00
7) Phenol-d6	7.27	99	560546	103.61	ng	0.00
23) Nitrobenzene-d5	9.30	82	503596	93.99	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	363206	139.36	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	1117706	91.69	ng	-0.01
79) Terphenyl-d14	20.09	244	1983726	91.47	ng	-0.01

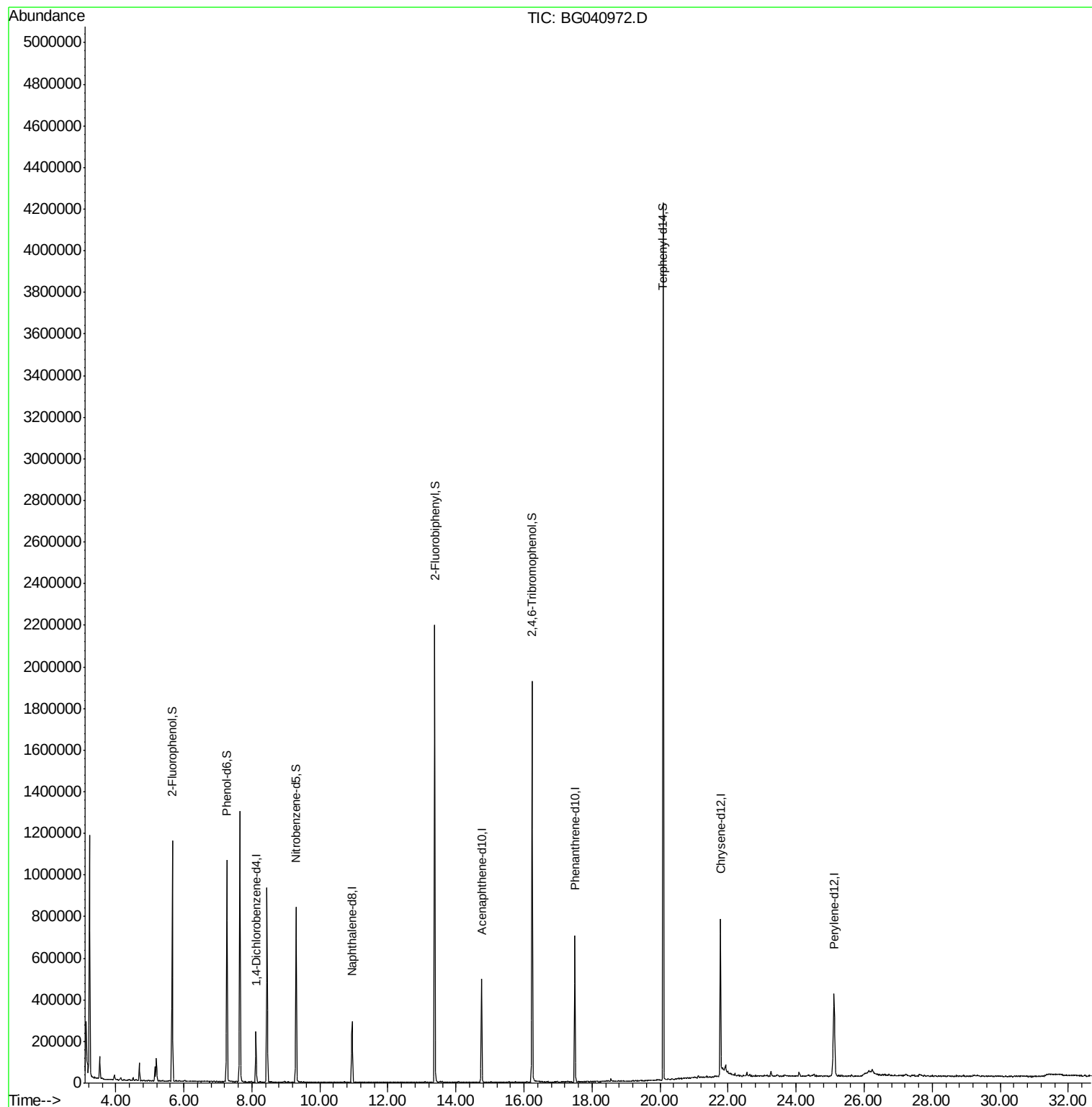
Target Compounds Qvalue

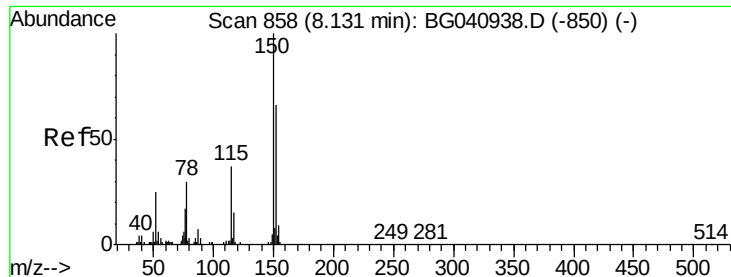
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG040972.D

Acq: 31 May 2019 5:03

Instrument :

BNA_G

ClientSampleId :

OK-02-052919

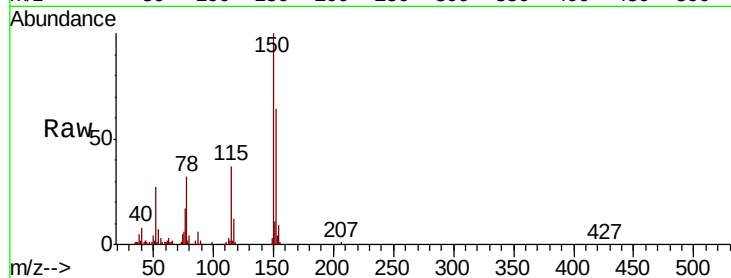
Tot Ion:152 Resp: 63171

Ion Ratio Lower Upper

152 100

150 157.0 120.6 180.8

115 58.4 45.1 67.7

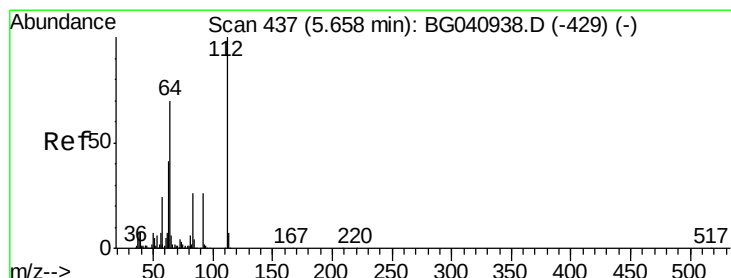
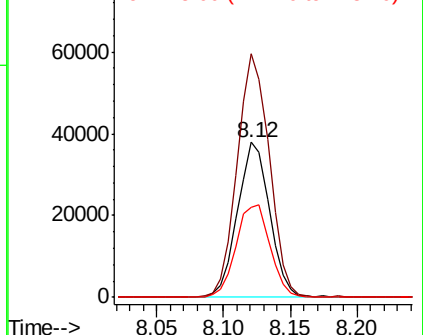
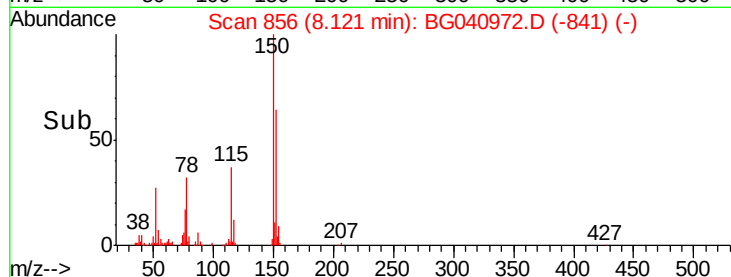


Abundance

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: 125.489 ng

RT: 5.66 min Scan# 437

Delta R.T. 0.00 min

Lab File: BG040972.D

Acq: 31 May 2019 5:03

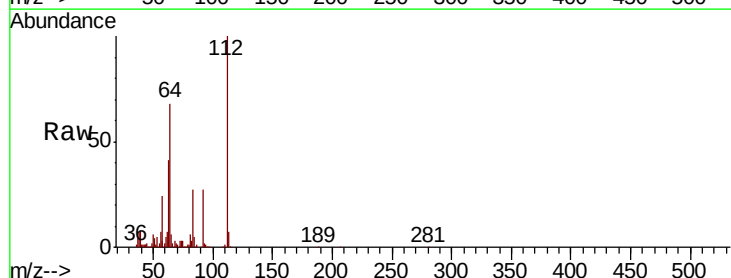
Tgt Ion:112 Resp: 439618

Ion Ratio Lower Upper

112 100

64 68.1 56.2 84.2

63 40.6 32.8 49.2

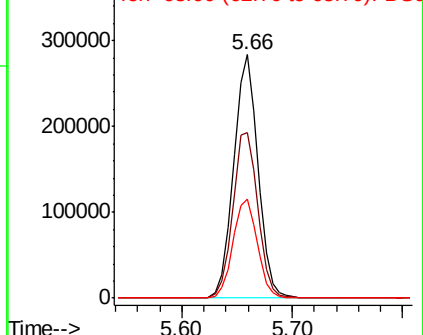
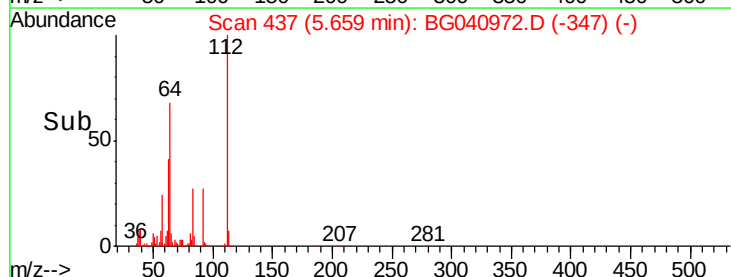


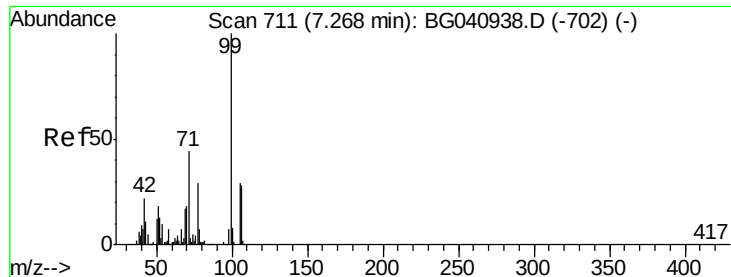
Abundance

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: 103.605 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG040972.D

Acq: 31 May 2019 5:03

Instrument :

BNA_G

ClientSampleId :

OK-02-052919

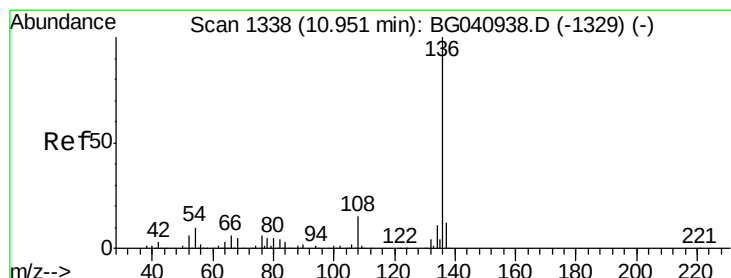
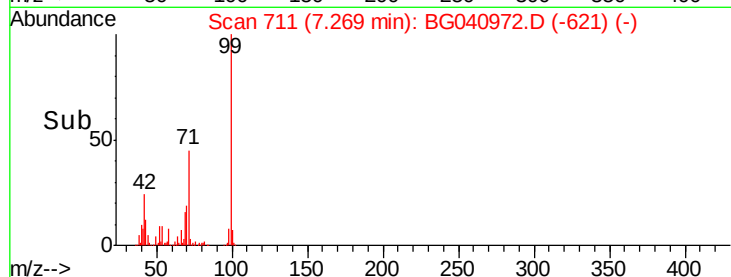
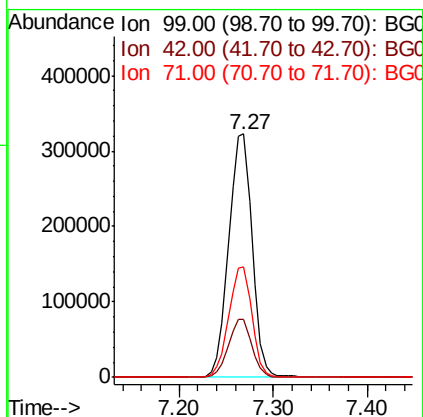
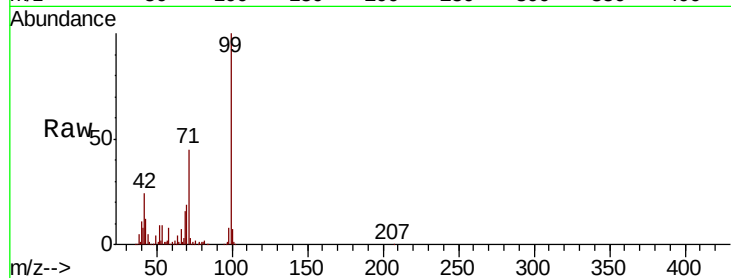
Tot Ion: 99 Resp: 560546

Ion Ratio Lower Upper

99 100

42 23.7 17.9 26.9

71 45.4 35.4 53.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BG040972.D

Acq: 31 May 2019 5:03

Tgt Ion: 136 Resp: 237861

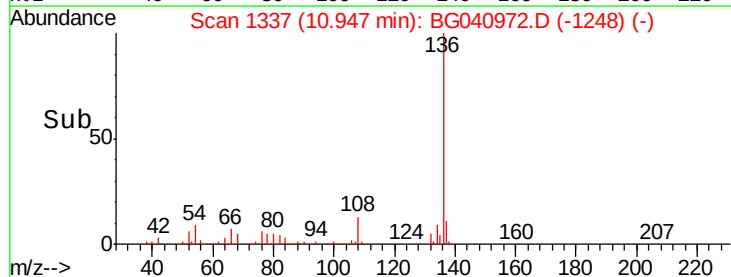
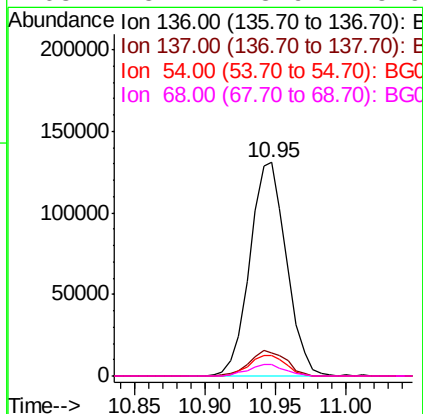
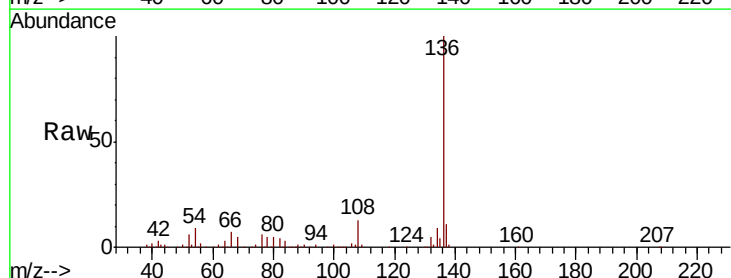
Ion Ratio Lower Upper

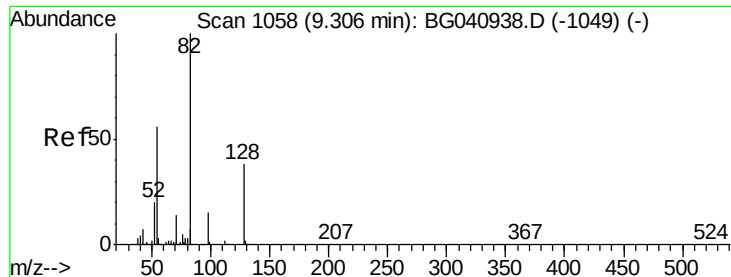
136 100

137 10.9 9.5 14.3

54 9.4 7.6 11.4

68 5.2 3.9 5.9

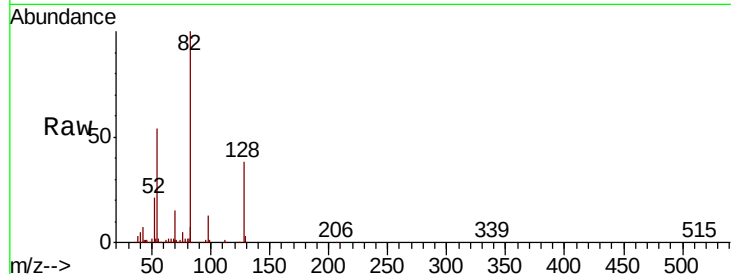




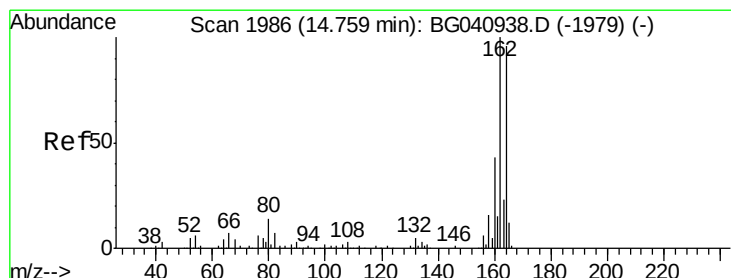
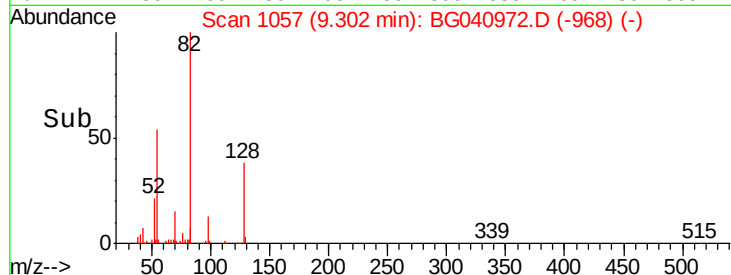
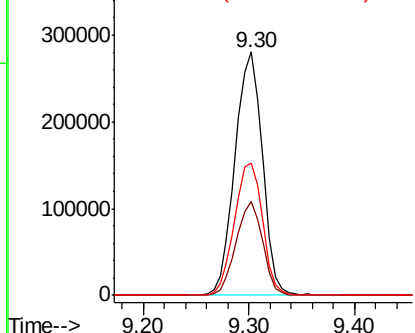
#23
 Nitrobenzene-d5
 Concen: 93.990 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BG040972.D
 Acq: 31 May 2019 5:03

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-052919

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.3	30.5	45.7
54	54.2	44.6	66.8

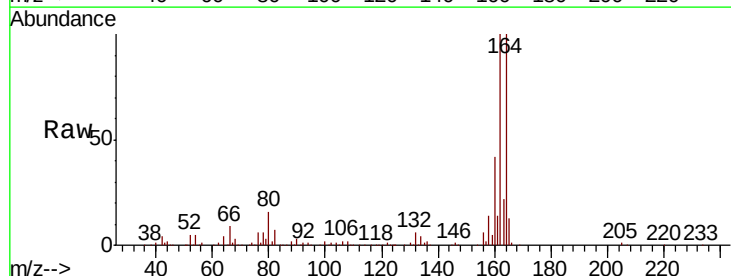


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

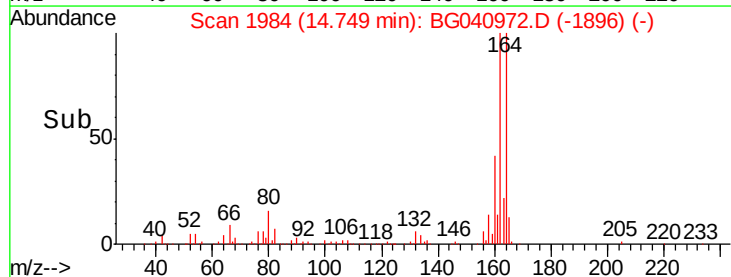
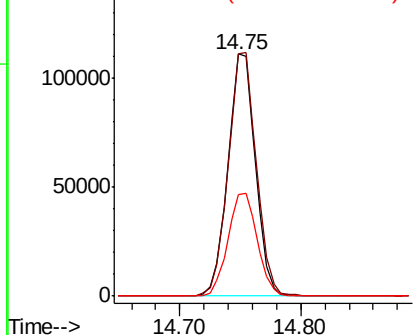


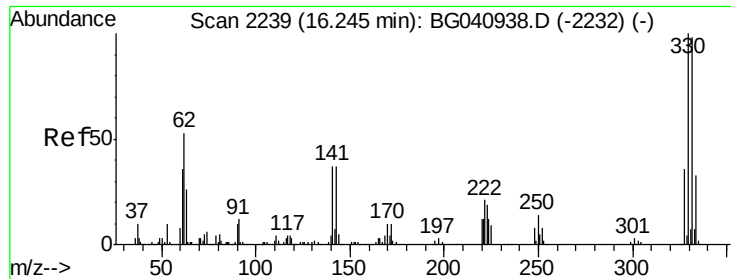
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BG040972.D
 Acq: 31 May 2019 5:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	83.0	124.4
160	41.9	35.6	53.4



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: 139.363 ng

RT: 16.23 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BG040972.D

Acq: 31 May 2019 5:03

Instrument :

BNA_G

ClientSampleId :

OK-02-052919

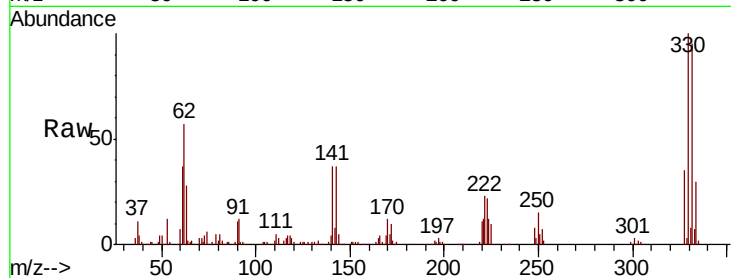
Tot Ion:330 Resp: 363206

Ion Ratio Lower Upper

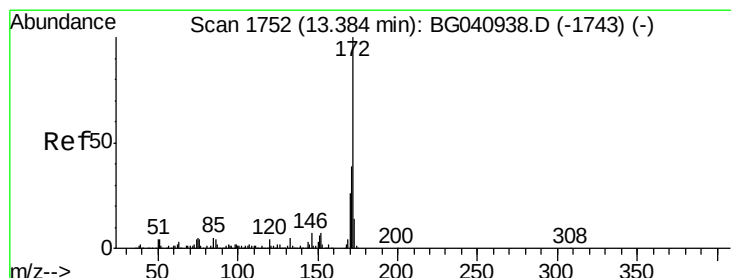
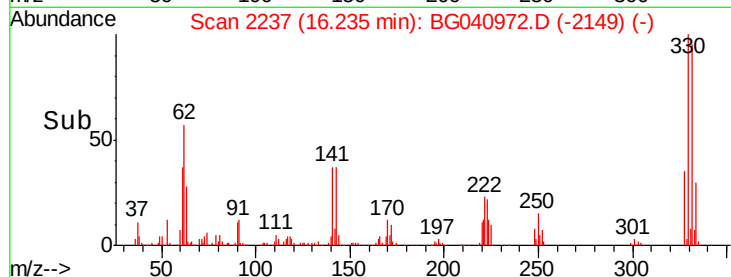
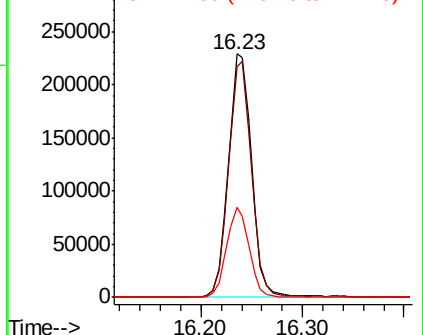
330 100

332 95.8 78.5 117.7

141 36.4 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: 91.689 ng

RT: 13.37 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BG040972.D

Acq: 31 May 2019 5:03

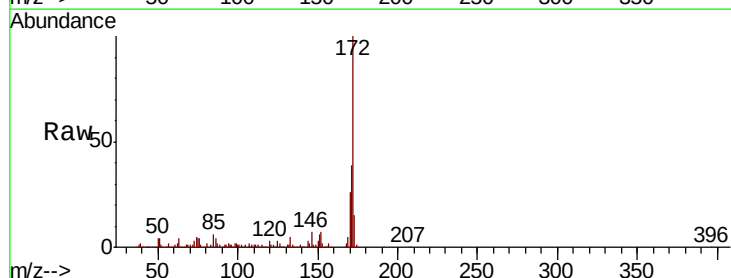
Tgt Ion:172 Resp: 1117706

Ion Ratio Lower Upper

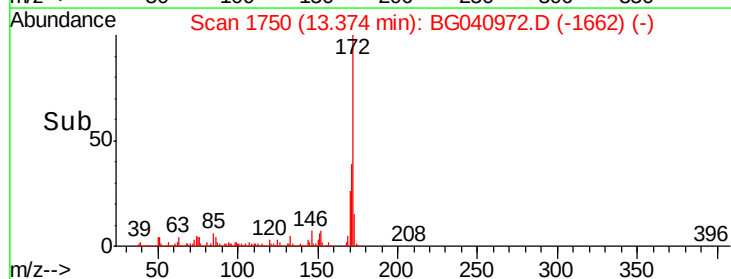
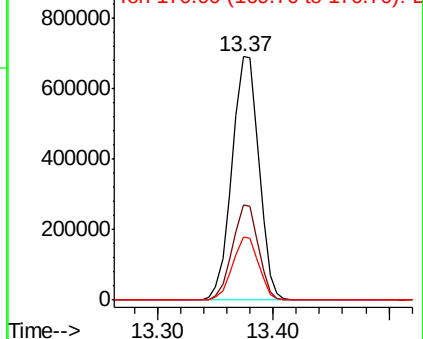
172 100

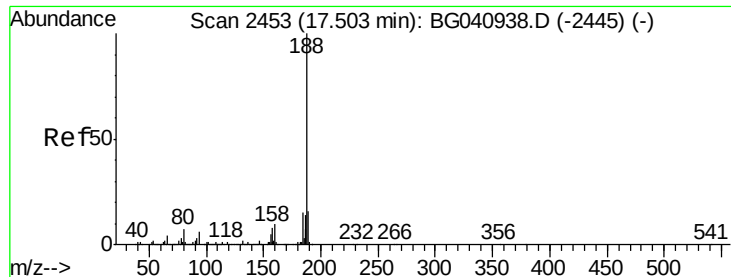
171 39.0 31.1 46.7

170 25.9 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: 17.50 min Scan# 2452

Delta R.T. -0.00 min

Lab File: BG040972.D

Acq: 31 May 2019 5:03

Instrument :

BNA_G

ClientSampleId :

OK-02-052919

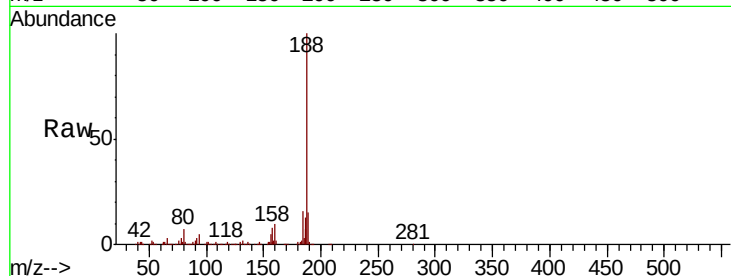
Tot Ion:188 Resp: 450963

Ion Ratio Lower Upper

188 100

94 5.2 4.7 7.1

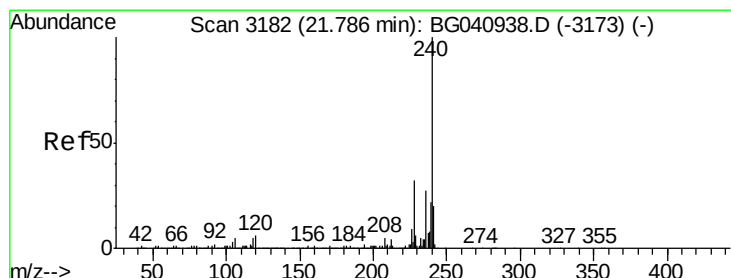
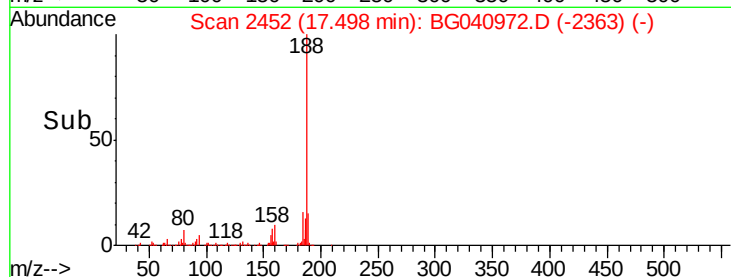
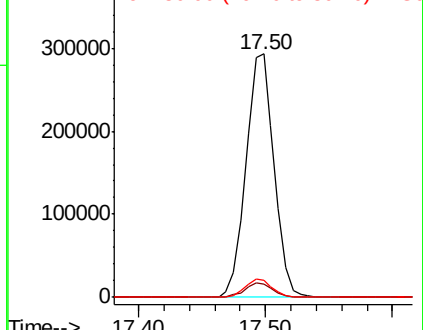
80 6.9 5.8 8.8



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: 21.78 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG040972.D

Acq: 31 May 2019 5:03

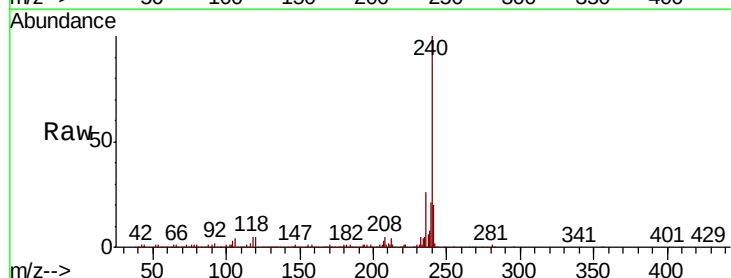
Tgt Ion:240 Resp: 460299

Ion Ratio Lower Upper

240 100

120 5.1 4.5 6.7

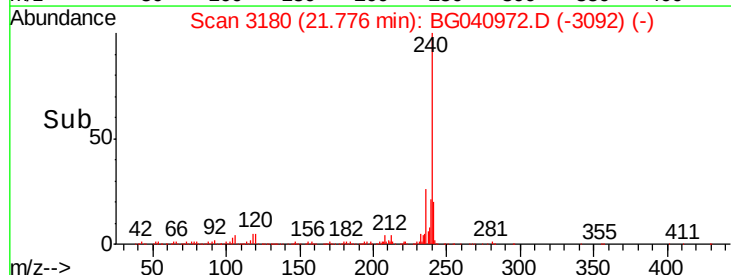
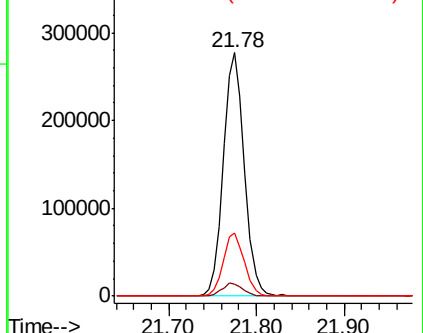
236 25.7 21.3 31.9

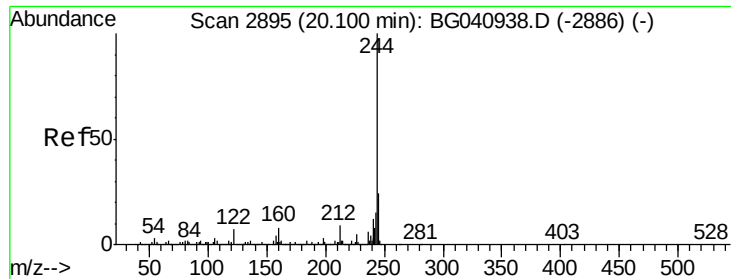


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.466 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG040972.D

Acq: 31 May 2019 5:03

Instrument :

BNA_G

ClientSampleId :

OK-02-052919

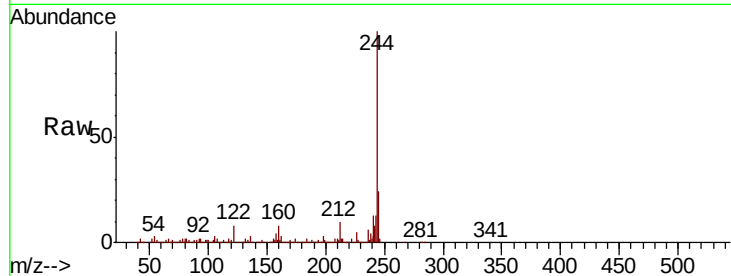
Tot Ion:244 Resp: 1983726

Ion Ratio Lower Upper

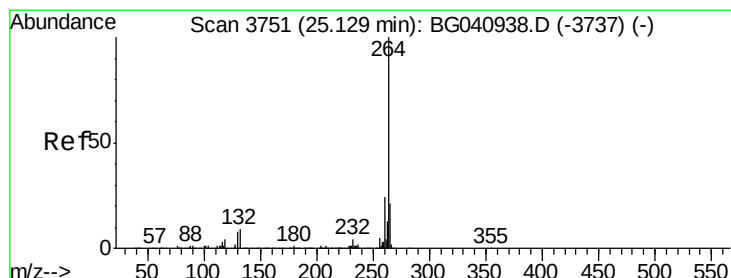
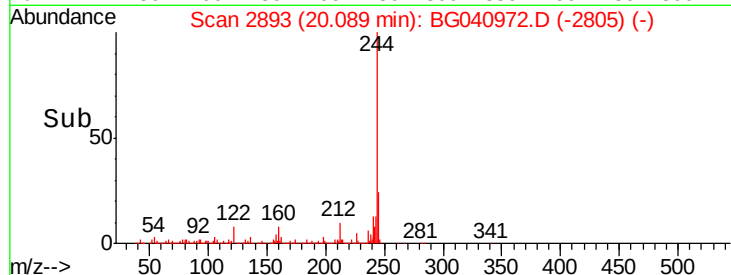
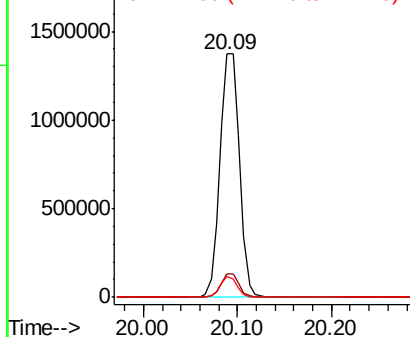
244 100

212 9.5 7.0 10.4

122 8.4 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: BG040972.D

Acq: 31 May 2019 5:03

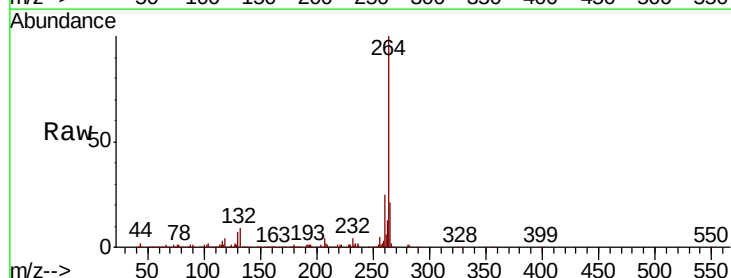
Tgt Ion:264 Resp: 476156

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.4

265 20.7 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

