

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
 Data File : BG040967.D
 Acq On : 31 May 2019 1:53
 Operator : HP/JU
 Sample : K3068-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-3SW(3-4)

Quant Time: May 31 04:55:02 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

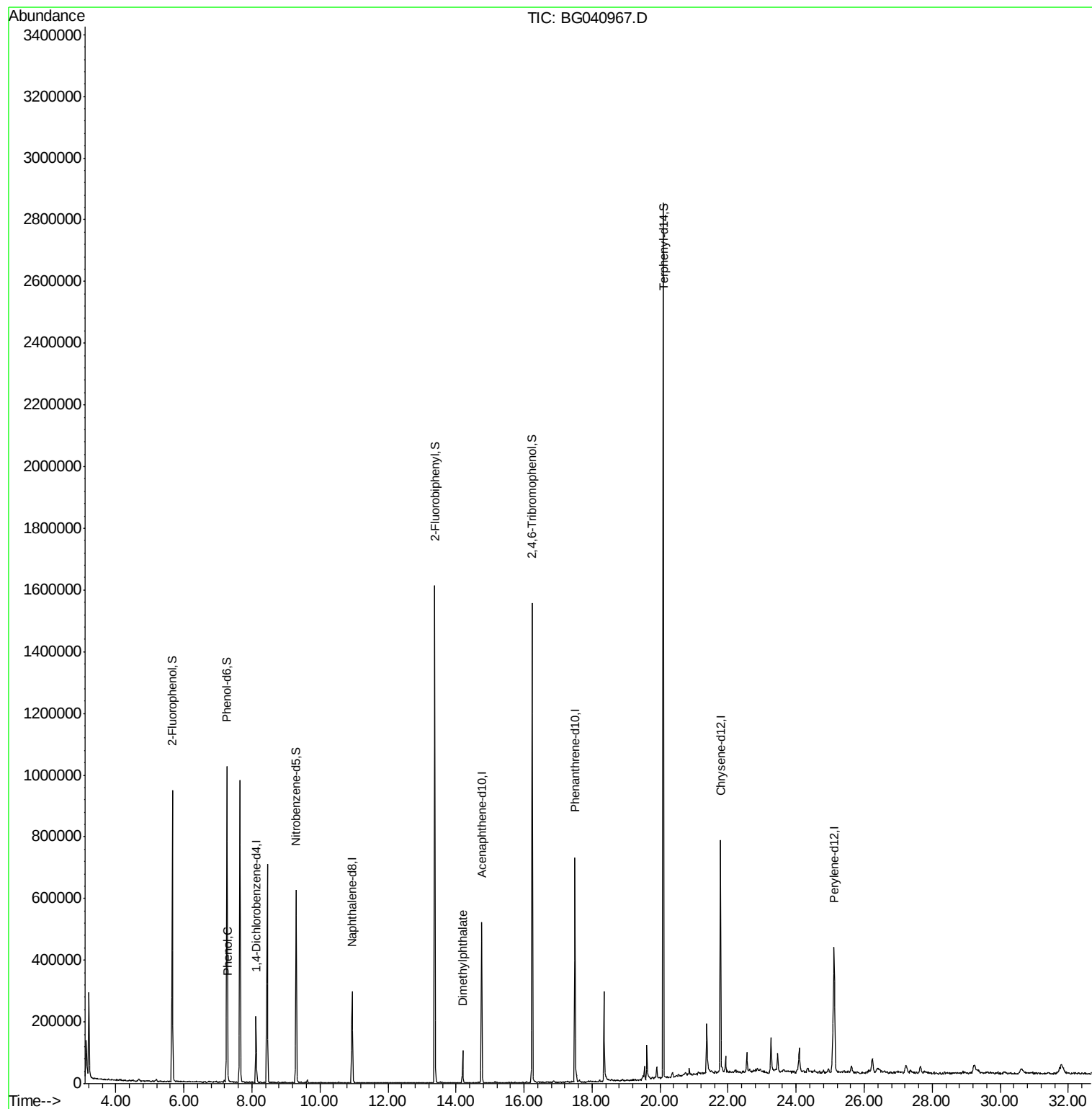
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	59368	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	237920	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	173799	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	447436	20.00	ng	0.00
76) Chrysene-d12	21.77	240	455368	20.00	ng	-0.01
87) Perylene-d12	25.11	264	476785	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	359693	109.25	ng	0.00
7) Phenol-d6	7.26	99	538179	105.84	ng	0.00
23) Nitrobenzene-d5	9.30	82	379861	70.88	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	293249	113.66	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	821626	68.08	ng	0.00
79) Terphenyl-d14	20.09	244	1374715	64.07	ng	0.00
Target Compounds						
10) Phenol	7.29	94	13493	2.475	ng	93
50) Dimethylphthalate	14.19	163	66128	4.495	ng	99

(#) = 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: BG040967.D

Acq: 31 May 2019 1:53

Instrument :

BNA_G

ClientSampleId :

B-3SW(3-4)

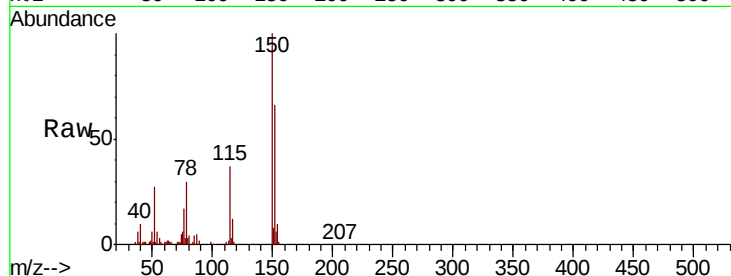
Tot Ion:152 Resp: 59368

Ion Ratio Lower Upper

152 100

150 152.0 120.6 180.8

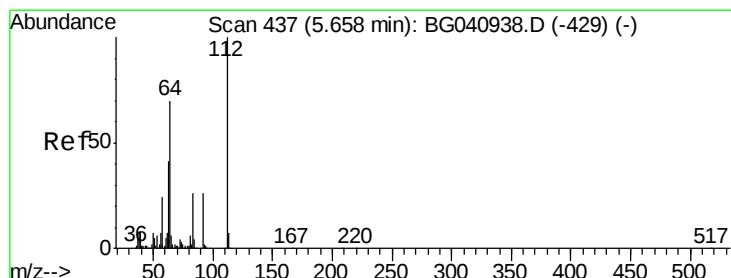
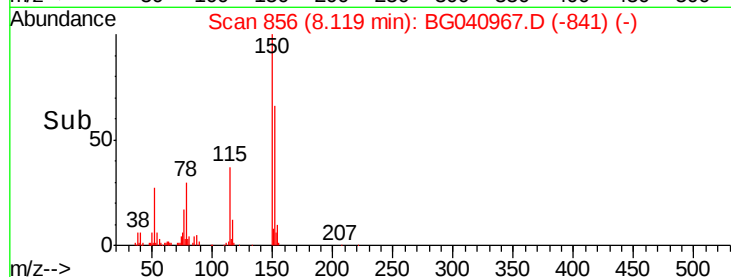
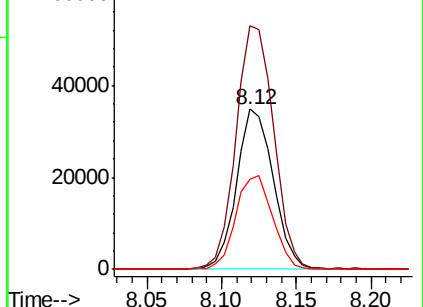
115 56.5 45.1 67.7



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: 109.251 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG040967.D

Acq: 31 May 2019 1:53

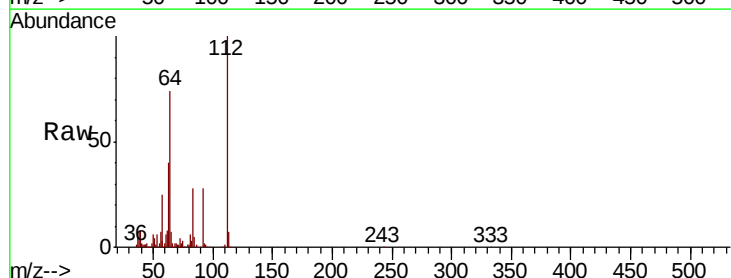
Tgt Ion:112 Resp: 359693

Ion Ratio Lower Upper

112 100

64 73.8 56.2 84.2

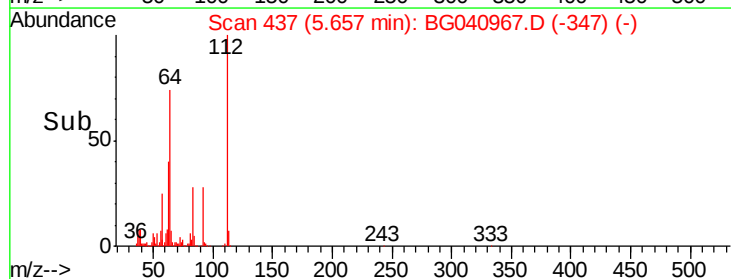
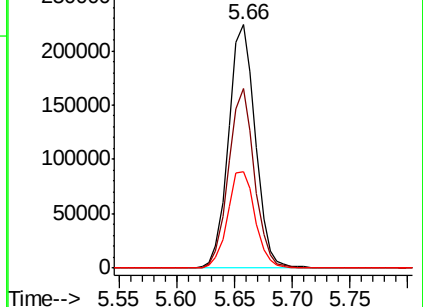
63 39.7 32.8 49.2



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: 105.843 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG040967.D

Acq: 31 May 2019 1:53

Instrument :

BNA_G

ClientSampleId :

B-3SW(3-4)

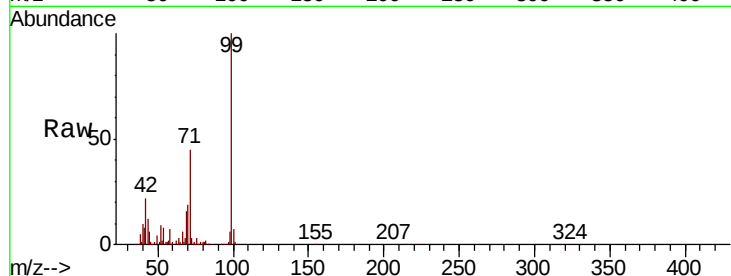
Tot Ion: 99 Resp: 538179

Ion Ratio Lower Upper

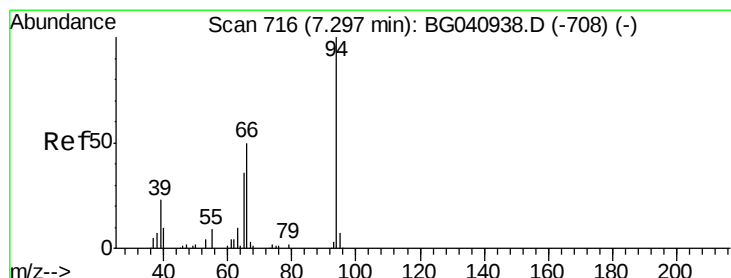
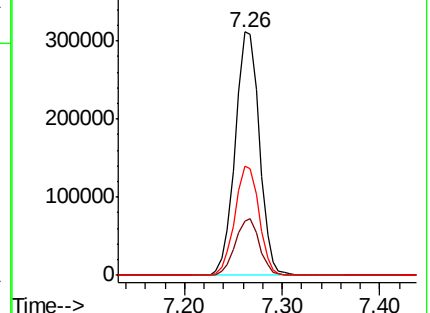
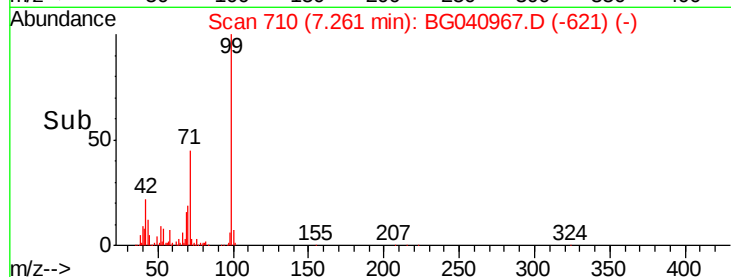
99 100

42 22.3 17.9 26.9

71 44.7 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



#10

Phenol

Concen: 2.475 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040967.D

Acq: 31 May 2019 1:53

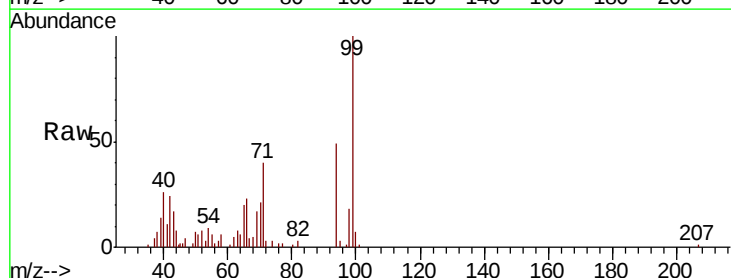
Tgt Ion: 94 Resp: 13493

Ion Ratio Lower Upper

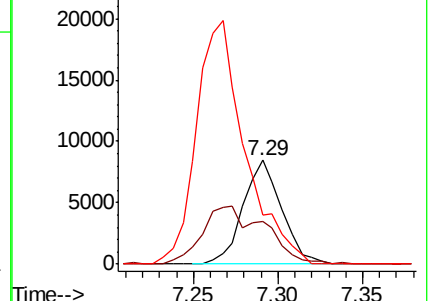
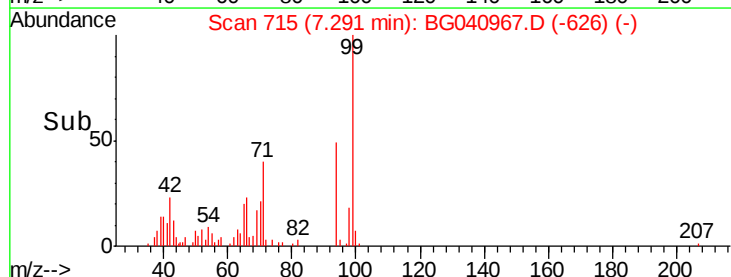
94 100

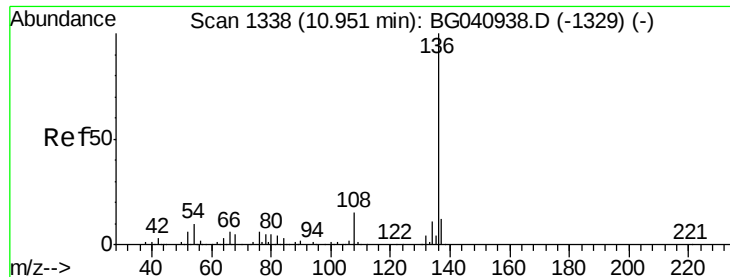
65 40.7 17.0 57.0

66 47.1 32.4 72.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

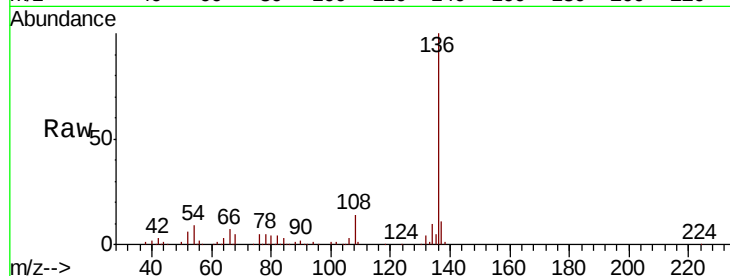




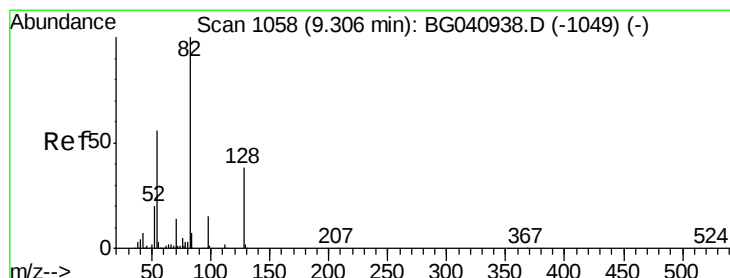
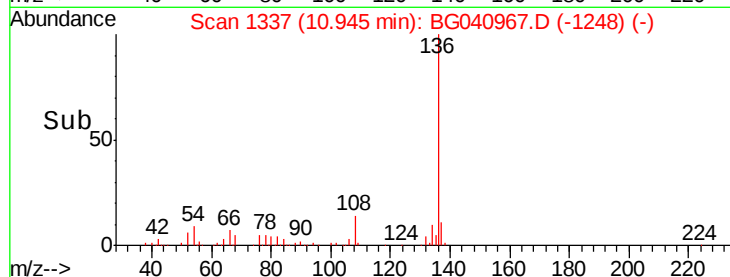
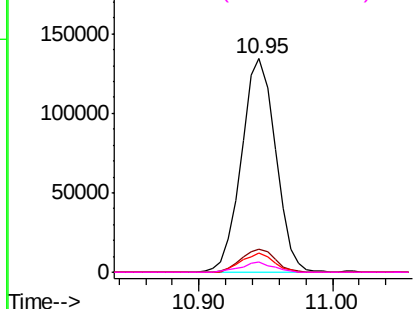
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG040967.D
Acq: 31 May 2019 1:53

Instrument :
BNA_G
ClientSampleId :
B-3SW(3-4)

Tot Ion:136	Resp:	237920
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.5 14.3
54	8.9	7.6 11.4
68	5.0	3.9 5.9

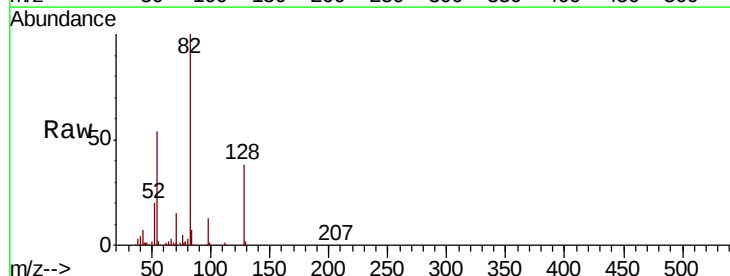


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

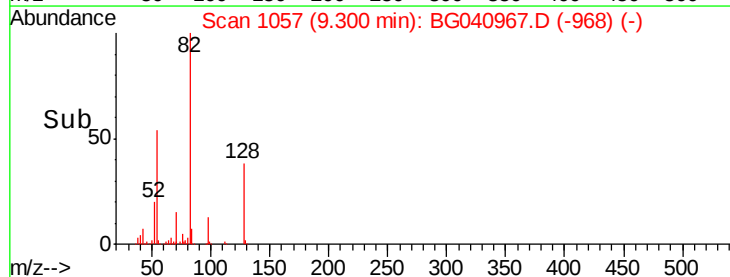
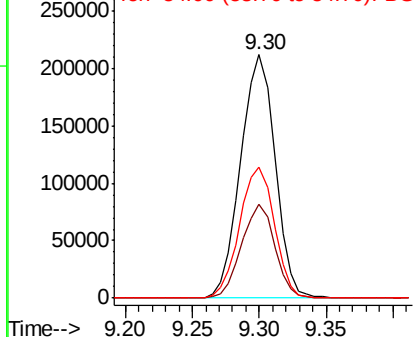


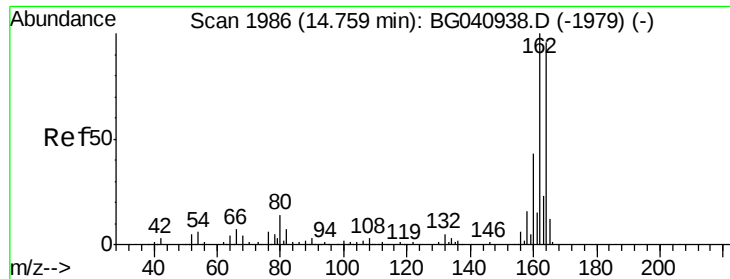
#23
Nitrobenzene-d5
Concen: 70.879 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG040967.D
Acq: 31 May 2019 1:53

Tgt Ion: 82	Resp:	379861
Ion	Ratio	Lower Upper
82	100	
128	38.3	30.5 45.7
54	53.9	44.6 66.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG040967.D

Acq: 31 May 2019 1:53

Instrument :

BNA_G

ClientSampleId :

B-3SW(3-4)

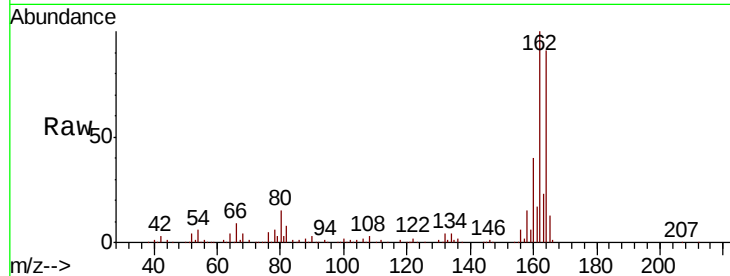
Tot Ion:164 Resp: 173799

Ion Ratio Lower Upper

164 100

162 109.6 83.0 124.4

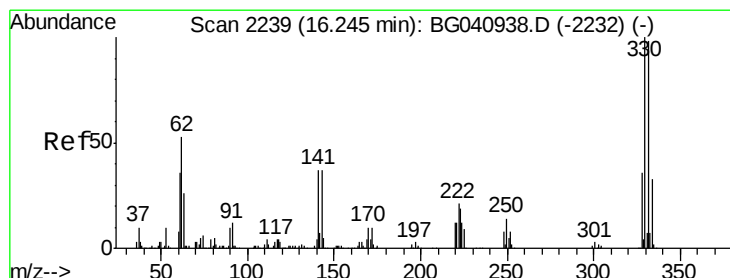
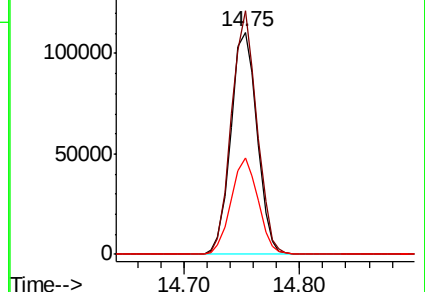
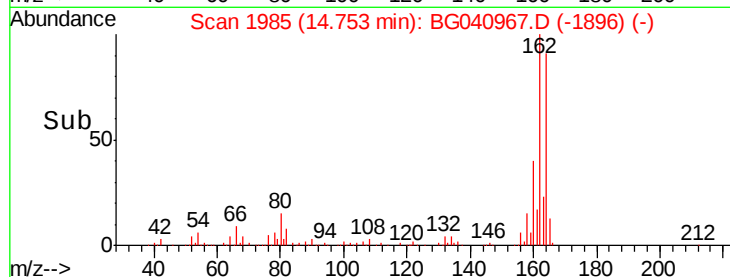
160 43.6 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 113.655 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG040967.D

Acq: 31 May 2019 1:53

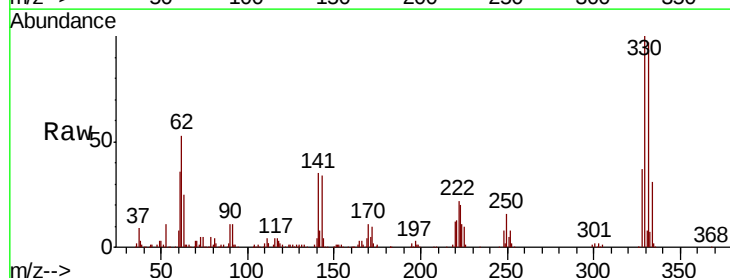
Tgt Ion:330 Resp: 293249

Ion Ratio Lower Upper

330 100

332 96.7 78.5 117.7

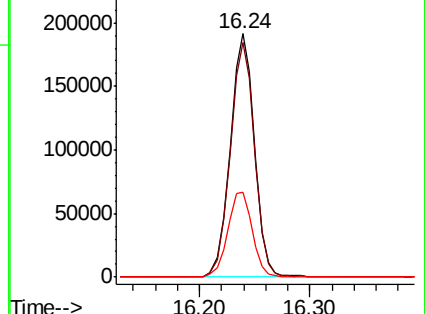
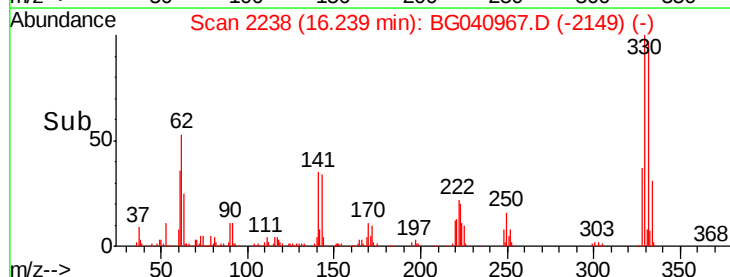
141 35.4 28.7 43.1

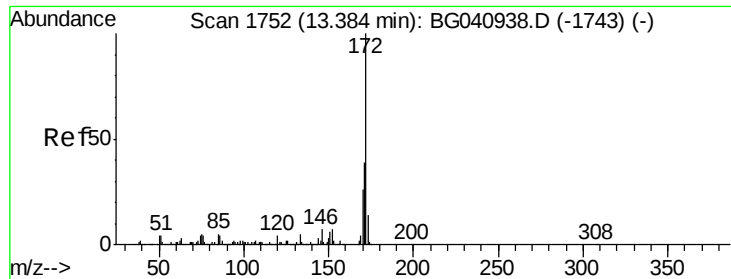


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 68.080 ng

RT: 13.38 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BG040967.D

Acq: 31 May 2019 1:53

Instrument :

BNA_G

ClientSampleId :

B-3SW(3-4)

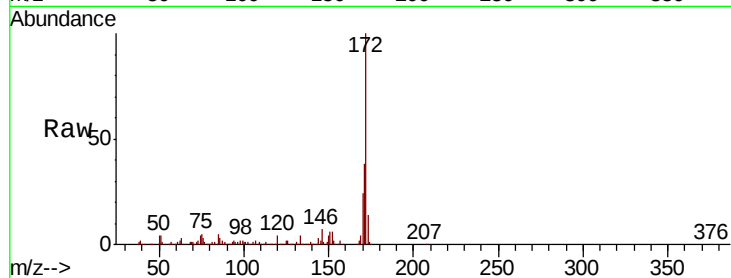
Tot Ion:172 Resp: 821626

Ion Ratio Lower Upper

172 100

171 37.5 31.1 46.7

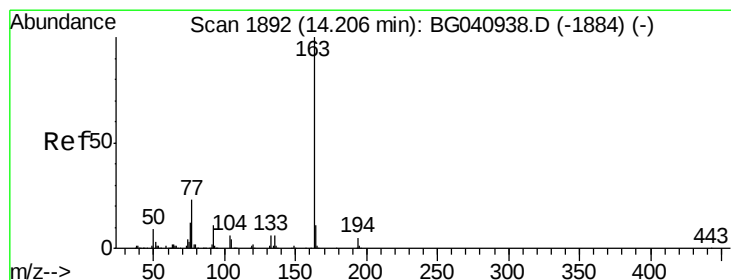
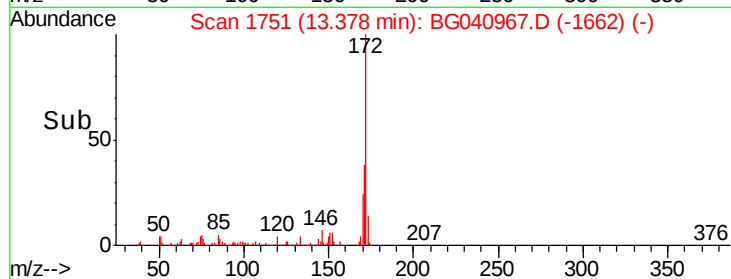
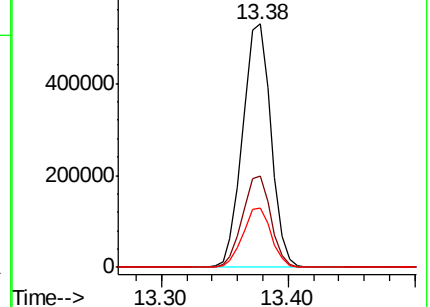
170 24.5 20.5 30.7



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



#50

Dimethylphthalate

Concen: 4.495 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG040967.D

Acq: 31 May 2019 1:53

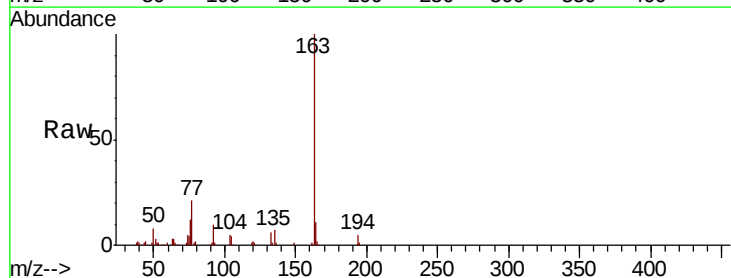
Tgt Ion:163 Resp: 66128

Ion Ratio Lower Upper

163 100

194 5.1 3.8 5.8

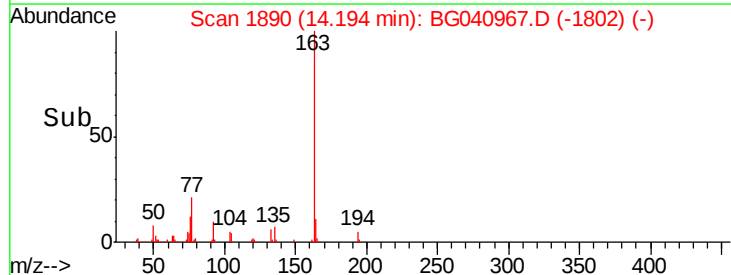
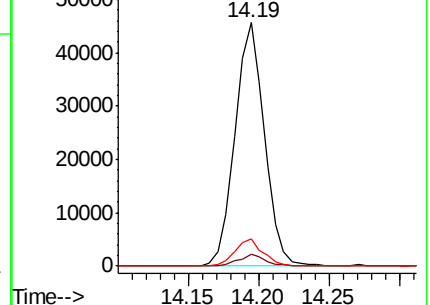
164 11.2 8.7 13.1

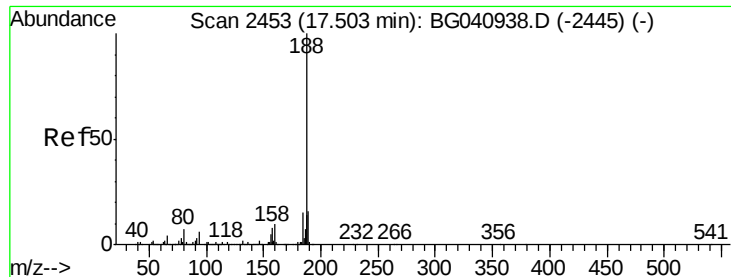


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG040967.D

Acq: 31 May 2019 1:53

Instrument :

BNA_G

ClientSampleId :

B-3SW(3-4)

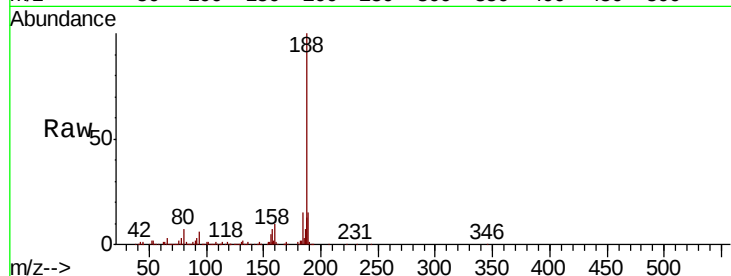
Tot Ion:188 Resp: 447436

Ion Ratio Lower Upper

188 100

94 6.1 4.7 7.1

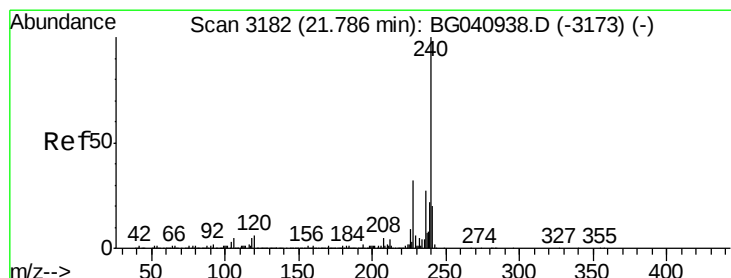
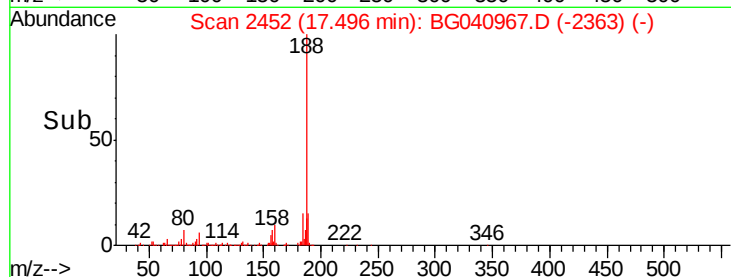
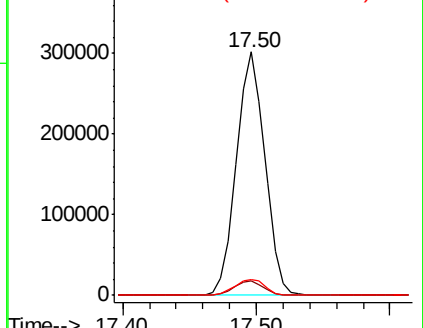
80 6.7 5.8 8.8



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: BG040967.D

Acq: 31 May 2019 1:53

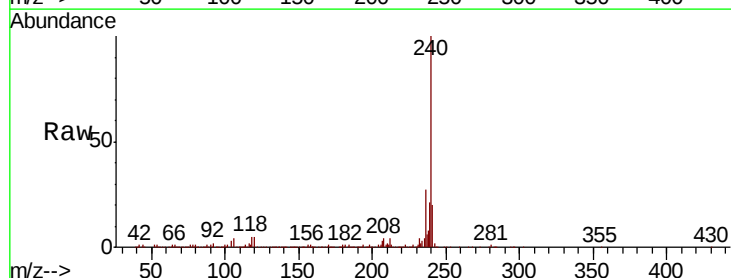
Tgt Ion:240 Resp: 455368

Ion Ratio Lower Upper

240 100

120 5.3 4.5 6.7

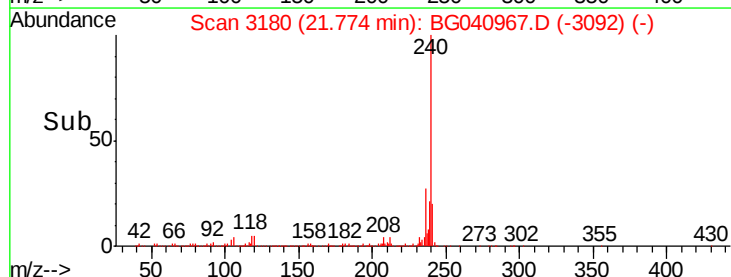
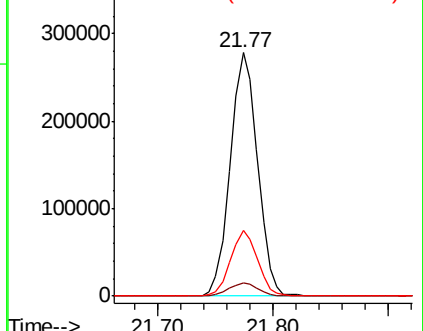
236 26.9 21.3 31.9

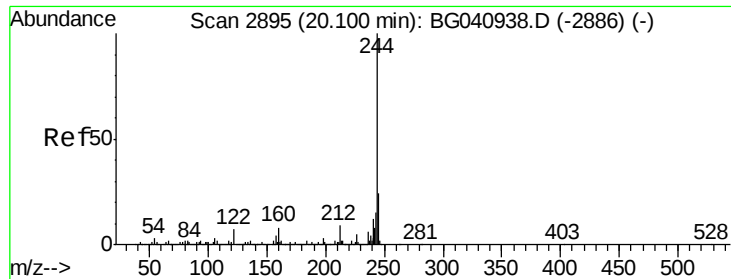


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 64.072 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG040967.D

Acq: 31 May 2019 1:53

Instrument :

BNA_G

ClientSampleId :

B-3SW(3-4)

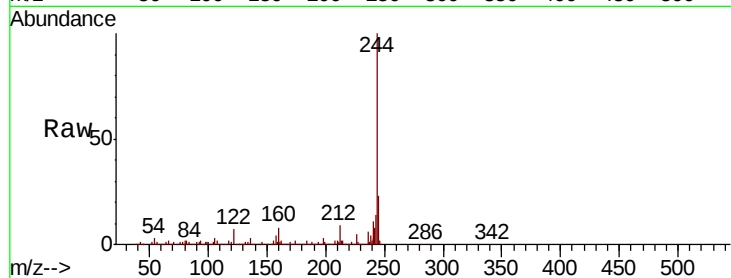
Tot Ion:244 Resp: 1374715

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.4

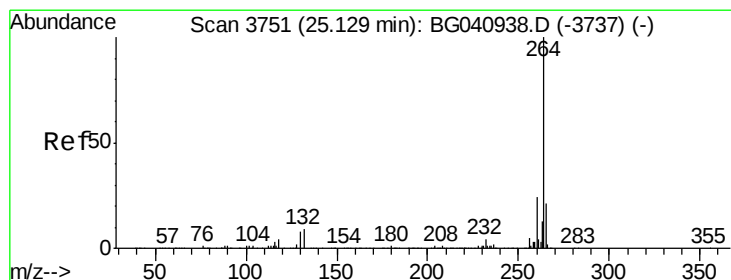
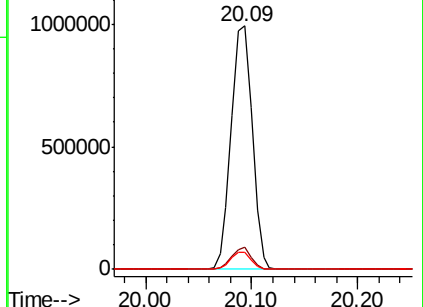
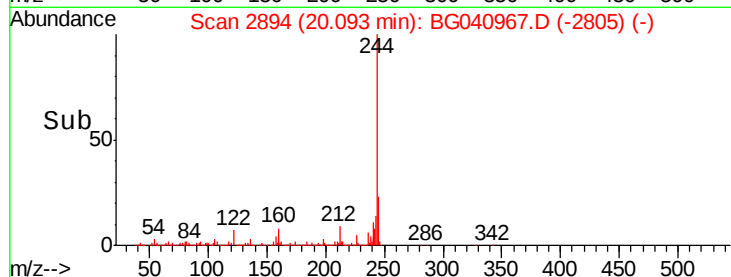
122 6.9 5.4 8.0



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: BG040967.D

Acq: 31 May 2019 1:53

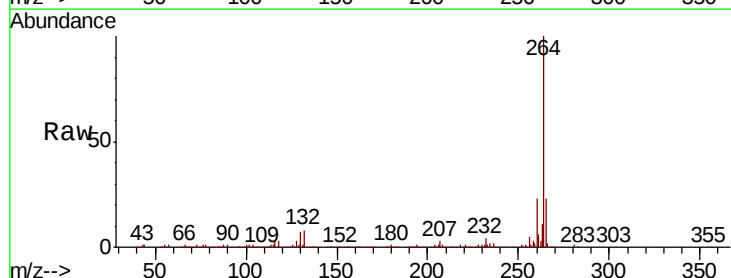
Tgt Ion:264 Resp: 476785

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

265 23.1 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

