

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039962.D
 Acq On : 16 Mar 2019 5:12
 Operator : JU/SJ
 Sample : K1934-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

Quant Time: Mar 16 06:51:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

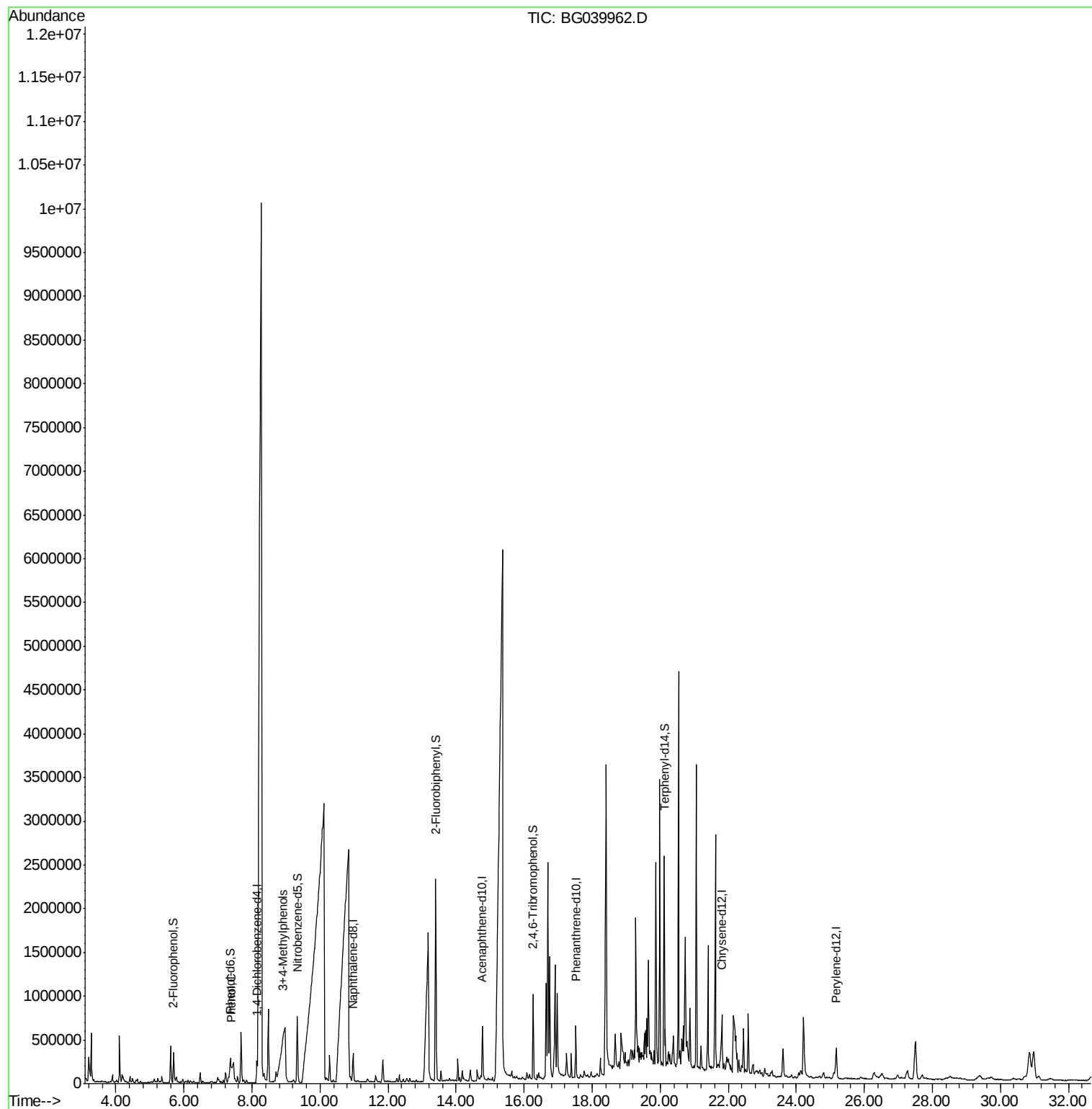
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	67426	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	259213	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	166934	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	350502	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	347070	20.00	ng	-0.02
87) Perylene-d12	25.17	264	371779	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	146368	37.03	ng	-0.01
7) Phenol-d6	7.36	99	132442	22.47	ng	0.05
23) Nitrobenzene-d5	9.33	82	442842	92.40	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	168327	86.51	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	976582	83.30	ng	-0.01
79) Terphenyl-d14	20.12	244	1120074	71.06	ng	0.00
Target Compounds						
10) Phenol	7.39	94	18326	2.871	ng	96
20) 3+4-Methylphenols	8.91	107	18191	3.217	ng	95

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

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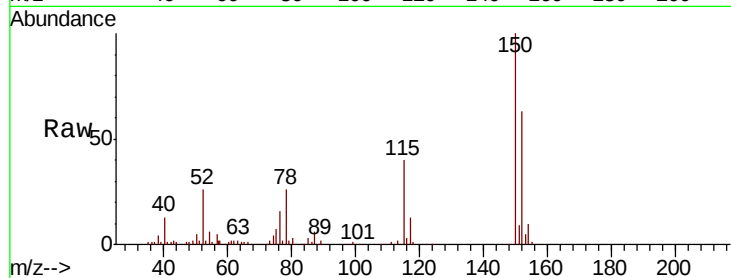


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.03 min
Lab File: BG039962.D
Acq: 16 Mar 2019 5:12

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	123.7	185.5
115	64.1	45.9	68.9

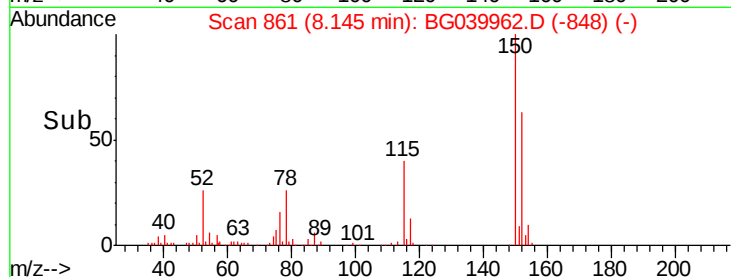
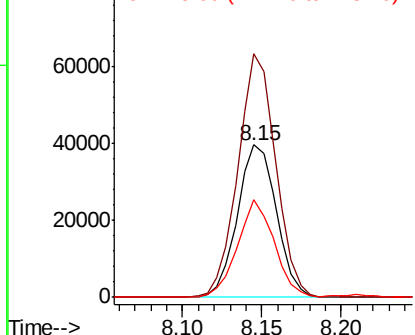


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

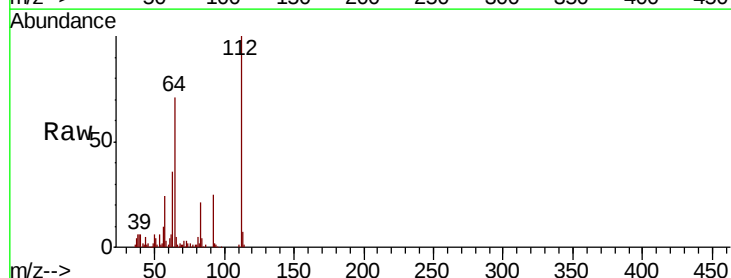
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 37.034 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039962.D
Acq: 16 Mar 2019 5:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	57.8	86.8
63	35.6	29.8	44.6

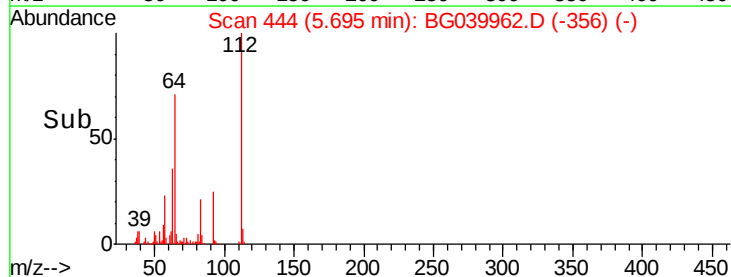
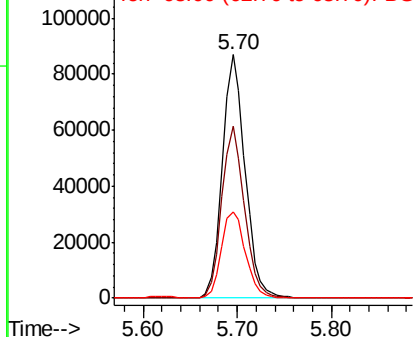


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 22.474 ng

RT: 7.36 min Scan# 728

Delta R.T. 0.05 min

Lab File: BG039962.D

Acq: 16 Mar 2019 5:12

Instrument :

BNA_G

ClientSampleId :

EFF-WW

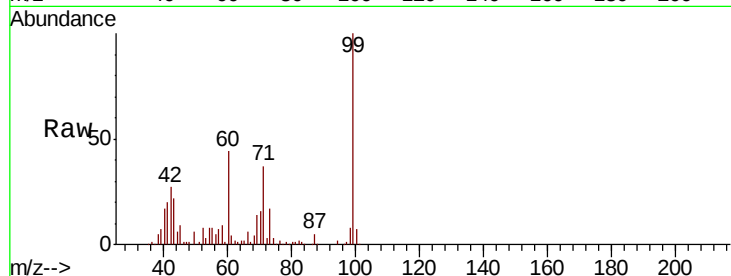
Tot Ion: 99 Resp: 132442

Ion Ratio Lower Upper

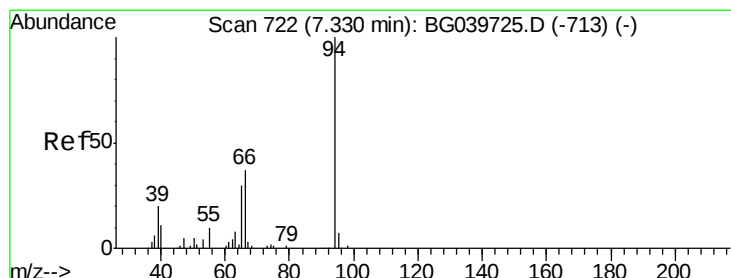
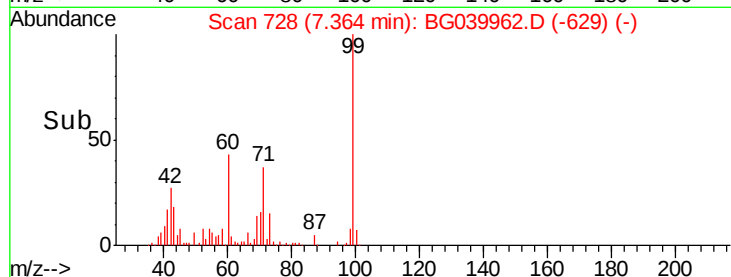
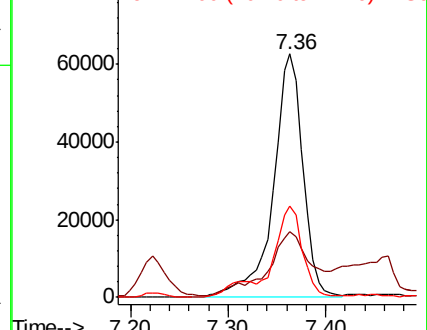
99 100

42 27.0 18.2 27.2

71 37.3 28.0 42.0



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: 2.871 ng

RT: 7.39 min Scan# 733

Delta R.T. 0.06 min

Lab File: BG039962.D

Acq: 16 Mar 2019 5:12

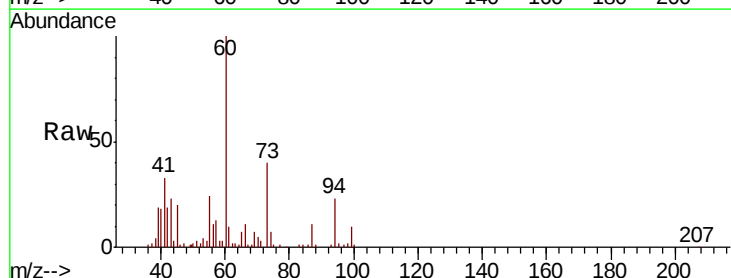
Tgt Ion: 94 Resp: 18326

Ion Ratio Lower Upper

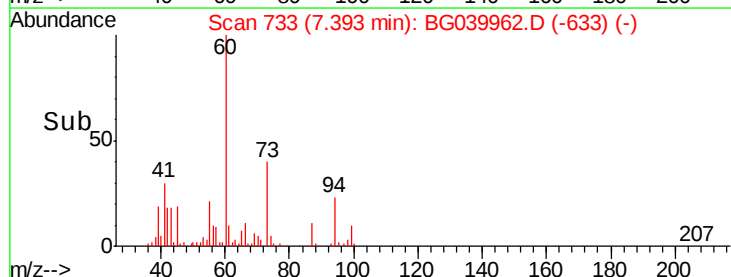
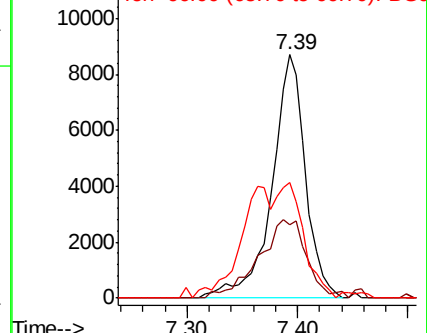
94 100

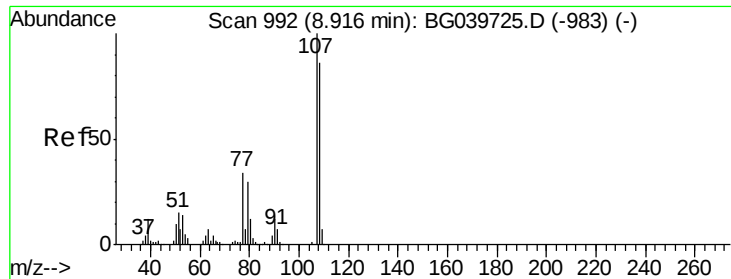
65 30.3 11.7 51.7

66 47.3 23.7 63.7



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





#20

3+4-Methylphenols

Concen: 3.217 ng

RT: 8.91 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG039962.D

Acq: 16 Mar 2019 5:12

Instrument :

BNA_G

ClientSampleId :

EFF-WW

Tot Ion:107 Resp: 18191

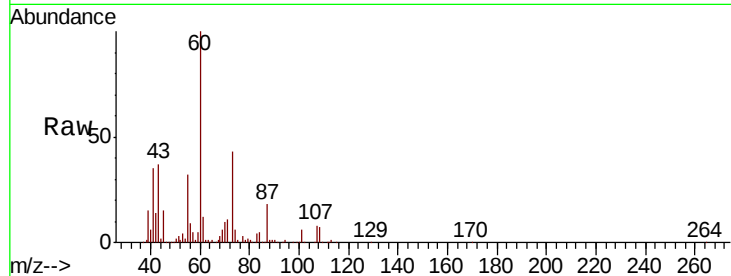
Ion Ratio Lower Upper

107 100

108 84.7 67.9 107.9

77 35.9 15.4 55.4

79 25.6 13.7 53.7

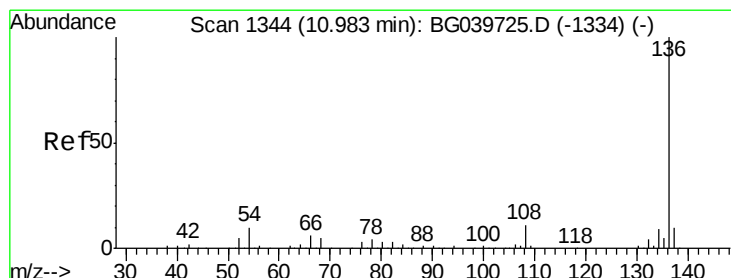
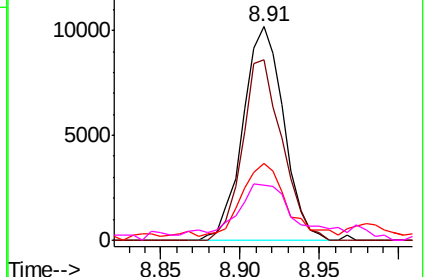
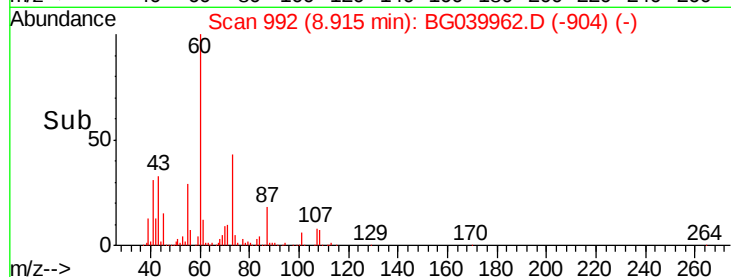


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BG039962.D

Acq: 16 Mar 2019 5:12

Tgt Ion:136 Resp: 259213

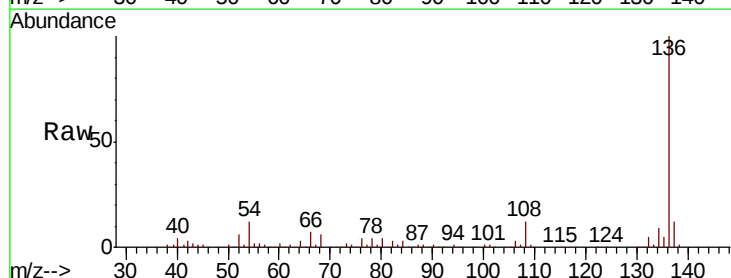
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 11.9 9.4 14.2

68 6.1 4.2 6.4

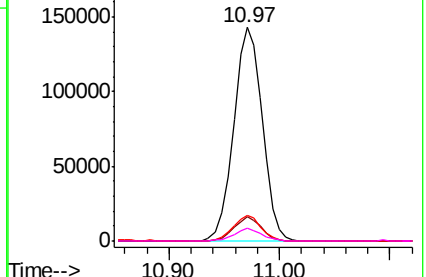
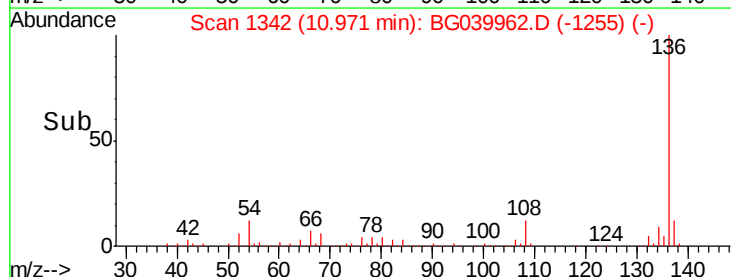


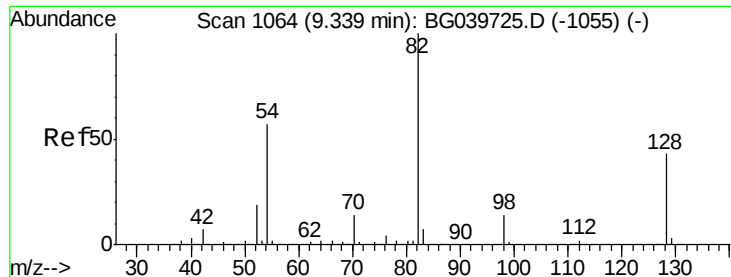
Abundance Ion 136.00 (135.70 to 136.70): E

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

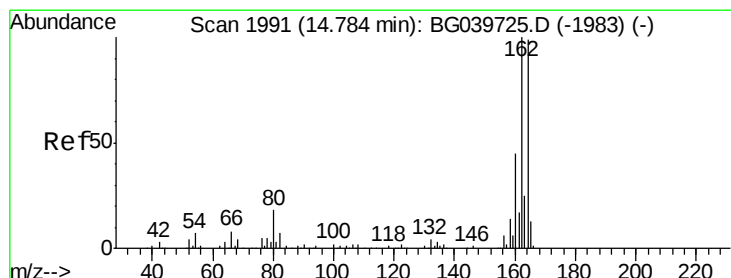
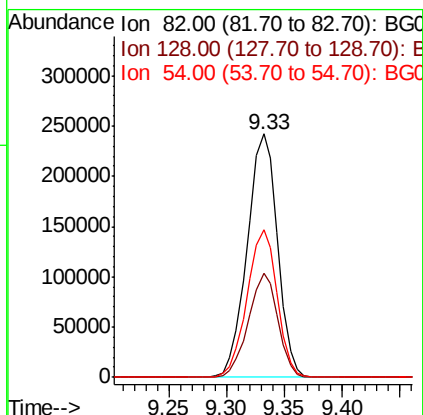
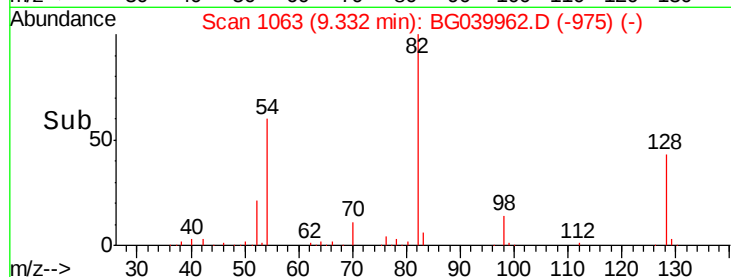
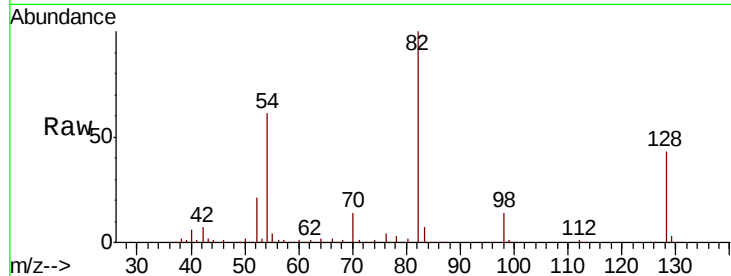




#23
Nitrobenzene-d5
Concen: 92.398 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039962.D
Acq: 16 Mar 2019 5:12

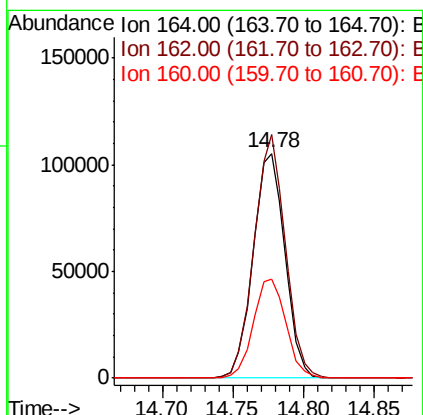
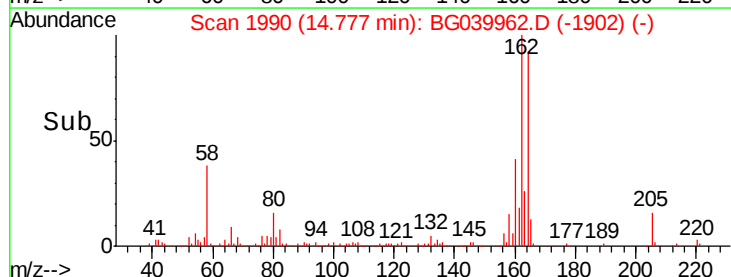
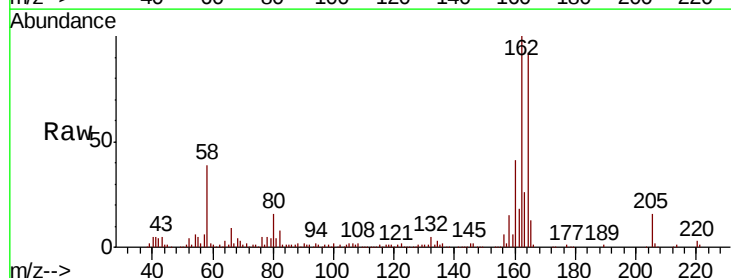
Instrument :
BNA_G
ClientSampleId :
EFF-WW

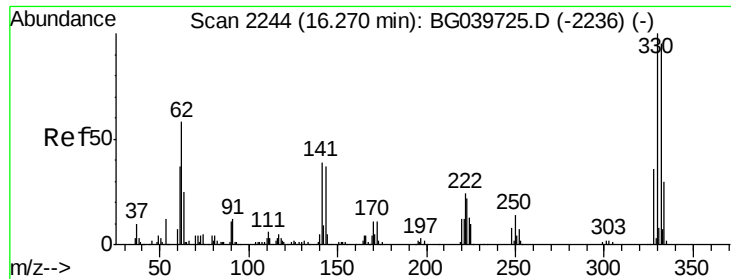
Tot Ion: 82 Resp: 442842
Ion Ratio Lower Upper
82 100
128 42.8 31.3 46.9
54 60.5 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039962.D
Acq: 16 Mar 2019 5:12

Tgt Ion: 164 Resp: 166934
Ion Ratio Lower Upper
164 100
162 108.4 81.6 122.4
160 44.3 34.2 51.2

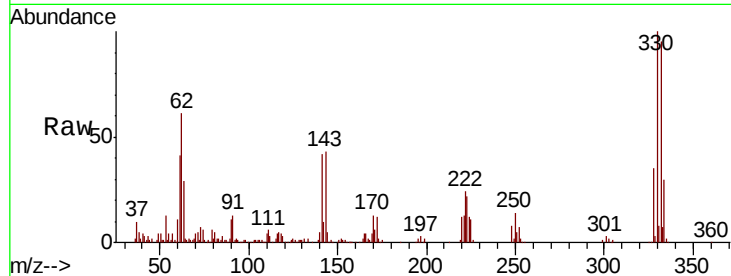




#42
 2,4,6-Tribromophenol
 Concen: 86.511 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG039962.D
 Acq: 16 Mar 2019 5:12

Instrument :
 BNA_G
 ClientSampled :
 EFF-WW

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.7	113.5
141	42.3	35.6	53.4

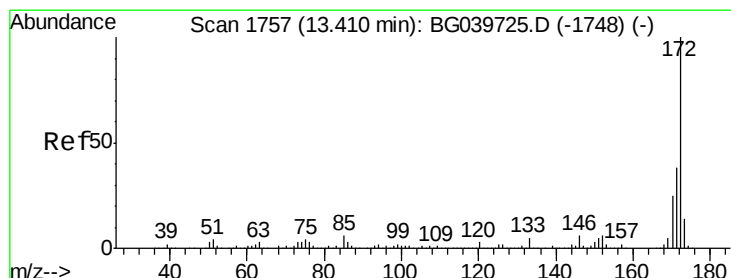
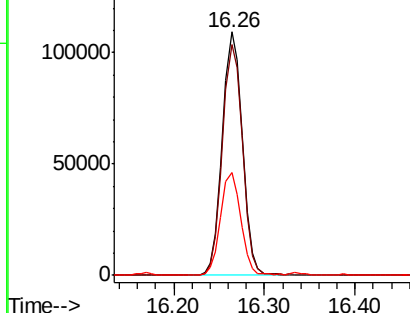
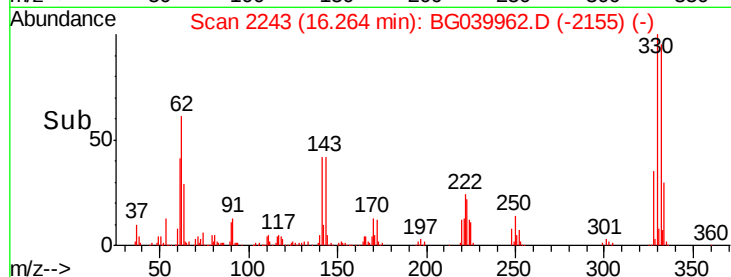


Abundance

Ion 329.80 (329.50 to 330.50): E

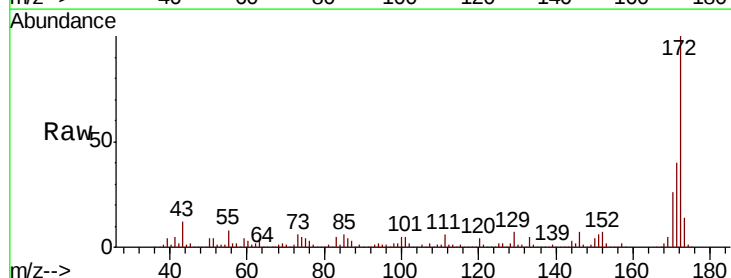
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.296 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039962.D
 Acq: 16 Mar 2019 5:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	30.8	46.2
170	25.8	20.2	30.4

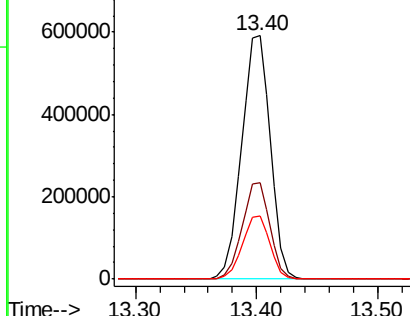
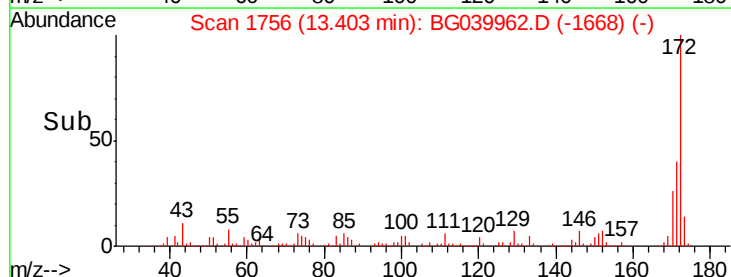


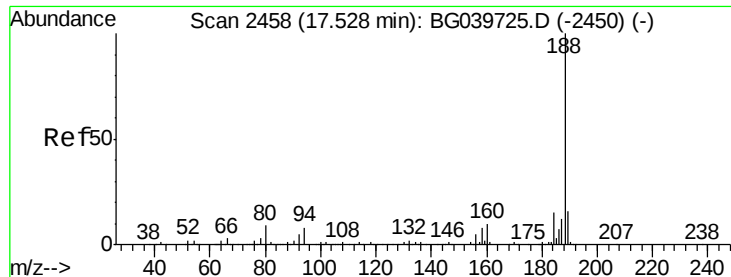
Abundance

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

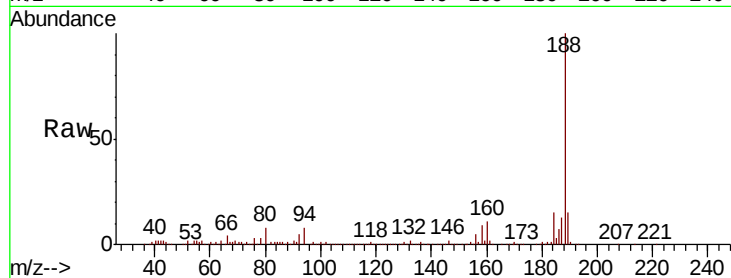




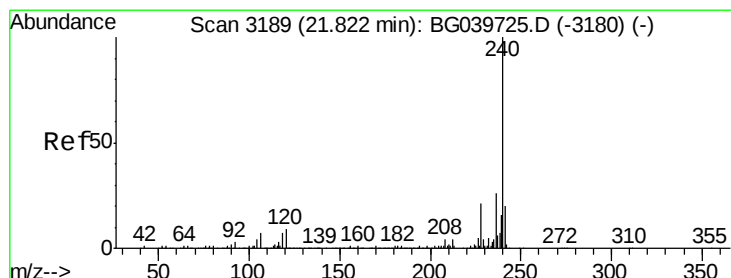
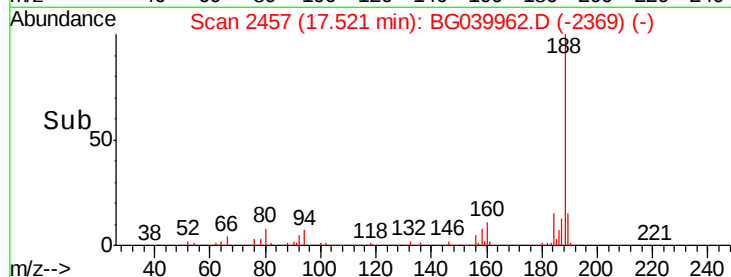
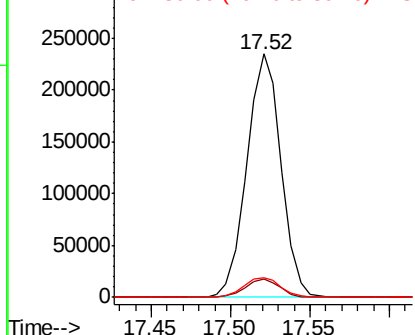
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039962.D
Acq: 16 Mar 2019 5:12

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tot Ion:188 Resp: 350502
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 7.8 8.1 12.1#

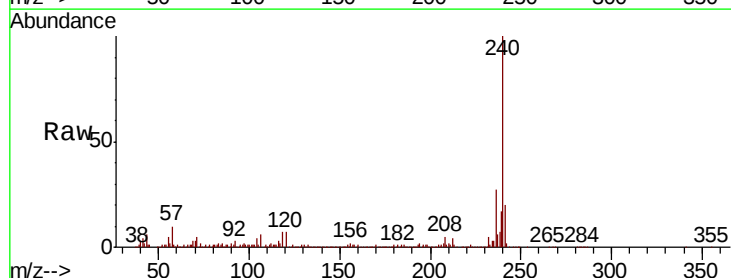


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

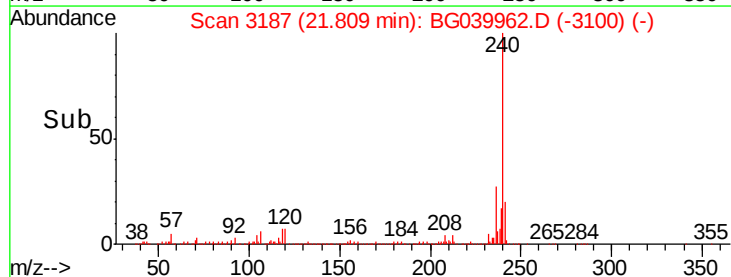
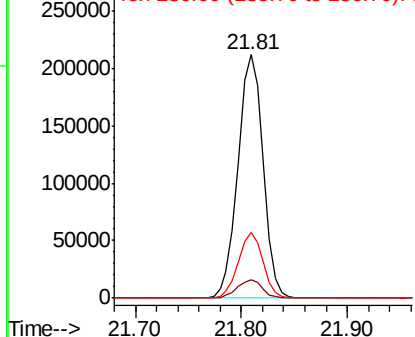


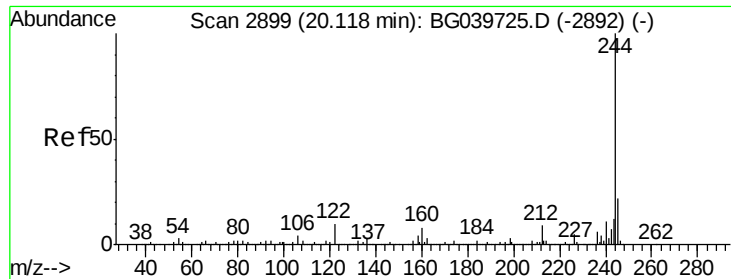
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039962.D
Acq: 16 Mar 2019 5:12

Tgt Ion:240 Resp: 347070
Ion Ratio Lower Upper
240 100
120 7.4 7.0 10.6
236 27.1 21.0 31.4



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: 71.057 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039962.D

Acq: 16 Mar 2019 5:12

Instrument :

BNA_G

ClientSampled :

EFF-WW

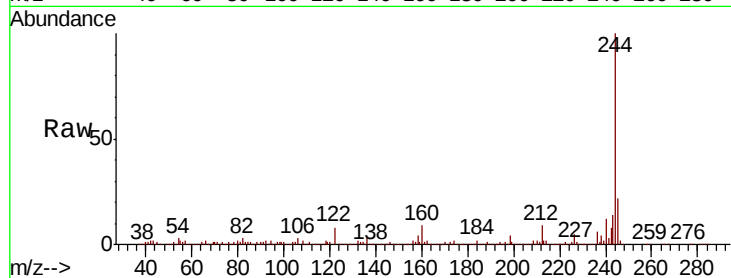
Tot Ion:244 Resp: 1120074

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

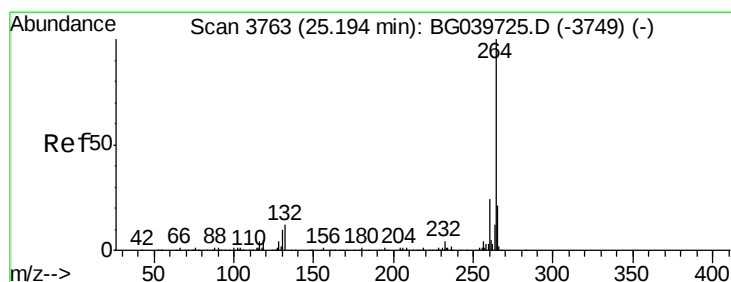
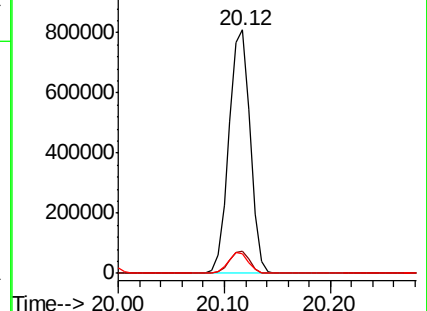
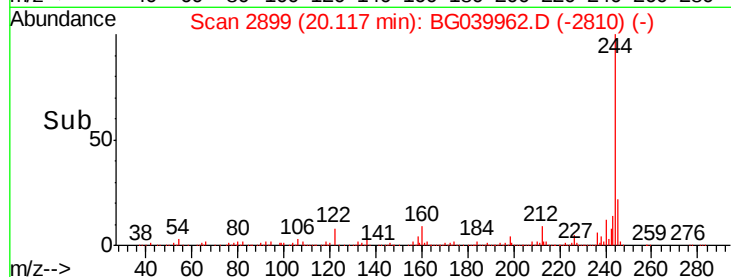
122 8.2 8.4 12.6#



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: 25.17 min Scan# 3760

Delta R.T. -0.03 min

Lab File: BG039962.D

Acq: 16 Mar 2019 5:12

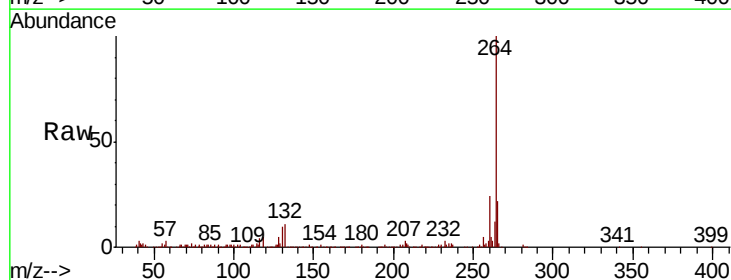
Tgt Ion:264 Resp: 371779

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

265 21.6 18.5 27.7



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

