

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039470.D
 Acq On : 12 Feb 2019 19:13
 Operator : JU/SJ
 Sample : K1461-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-4

Quant Time: Feb 13 07:42:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

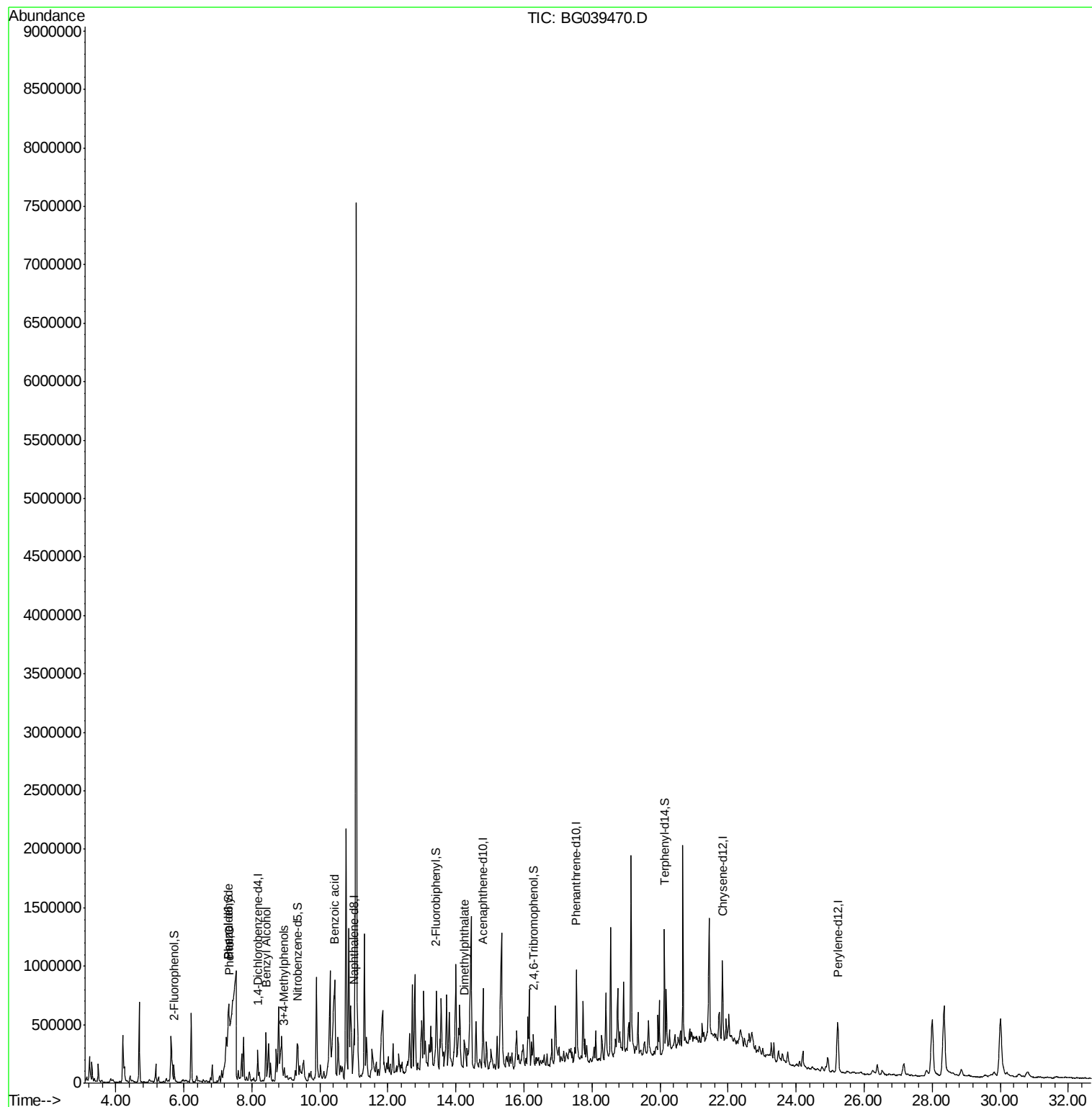
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	69147	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	312870	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	201305	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	441892	20.00	ng	-0.01
76) Chrysene-d12	21.84	240	438918	20.00	ng	-0.01
87) Perylene-d12	25.23	264	467870	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	61570	15.24	ng	0.00
7) Phenol-d6	7.31	99	68026	11.44	ng	0.00
23) Nitrobenzene-d5	9.35	82	154253	30.80	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	36268	16.73	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	325880	23.22	ng	-0.02
79) Terphenyl-d14	20.13	244	380823	18.37	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.31	77	68396	19.610	ng	98
10) Phenol	7.34	94	54691	8.822	ng	98
15) Benzyl Alcohol	8.41	79	140140	30.016	ng	98
20) 3+4-Methylphenols	8.94	107	18046	3.267	ng	96
32) Benzoic acid	10.42	122	109185	39.181	ng	97
50) Dimethylphthalate	14.25	163	88017	5.414	ng	97

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

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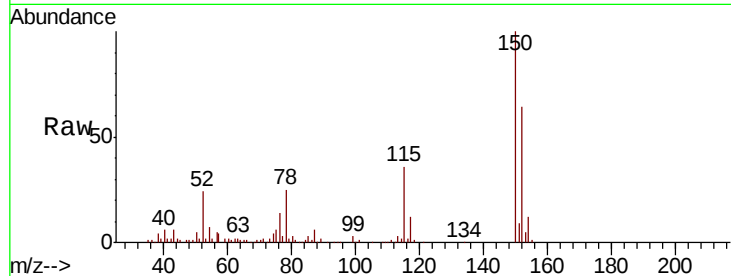


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039470.D
Acq: 12 Feb 2019 19:13

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.7	185.5
115	56.7	45.9	68.9

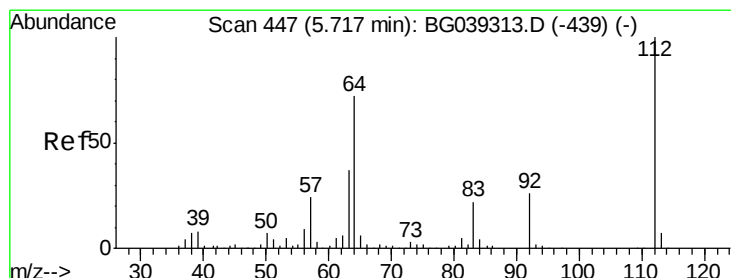
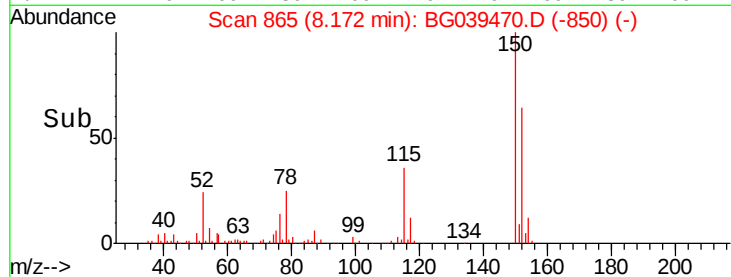
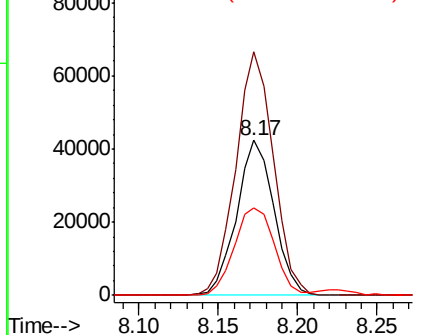


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

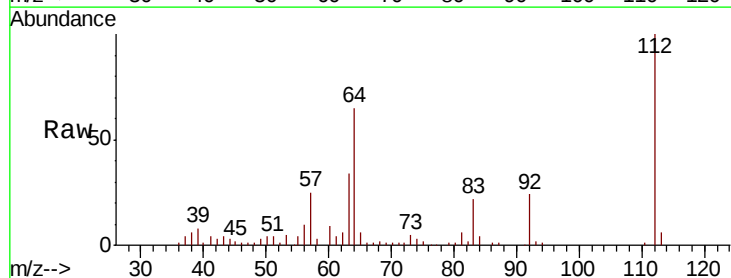
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 15.240 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039470.D
Acq: 12 Feb 2019 19:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	57.8	86.8
63	33.9	29.8	44.6

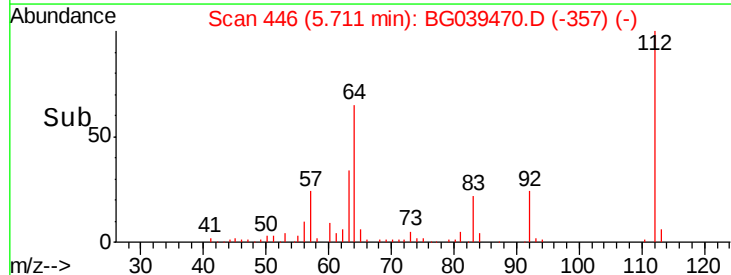
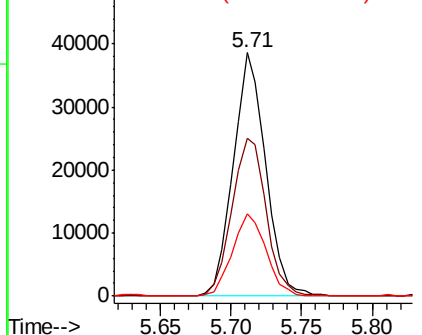


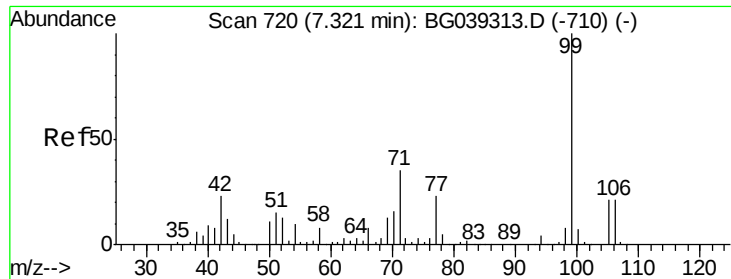
Abundance

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: 11.439 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039470.D

Acq: 12 Feb 2019 19:13

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-4

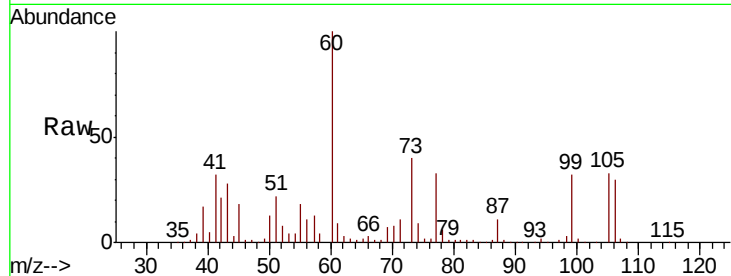
Tot Ion: 99 Resp: 68026

Ion Ratio Lower Upper

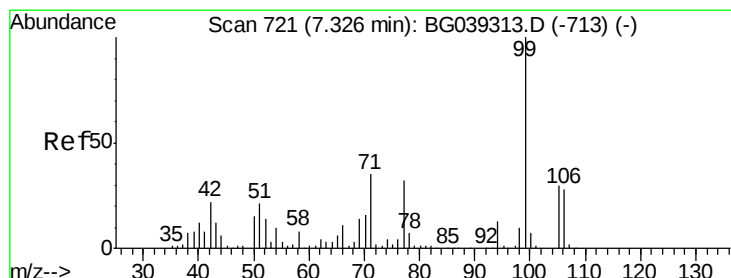
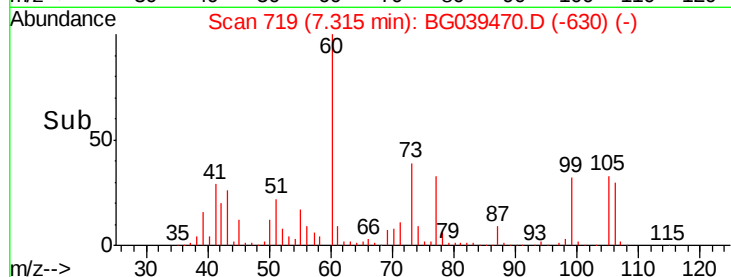
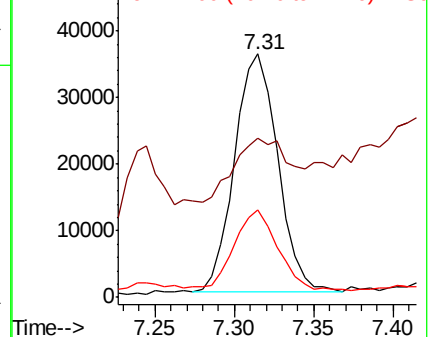
99 100

42 65.6 18.2 27.2#

71 35.8 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



#9

Benzaldehyde

Concen: 19.610 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039470.D

Acq: 12 Feb 2019 19:13

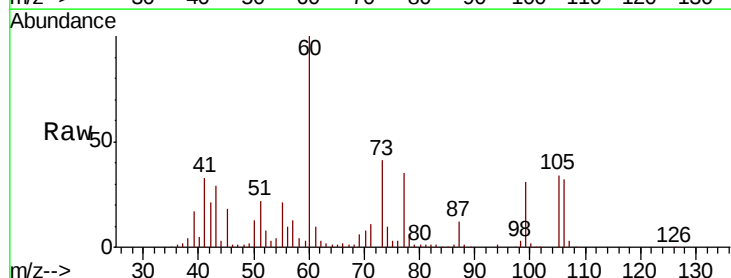
Tgt Ion: 77 Resp: 68396

Ion Ratio Lower Upper

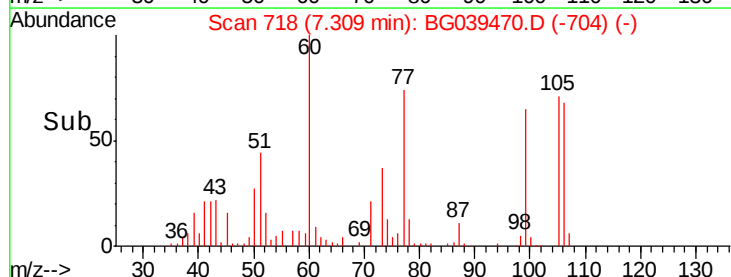
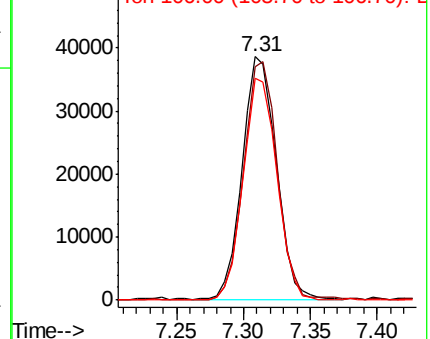
77 100

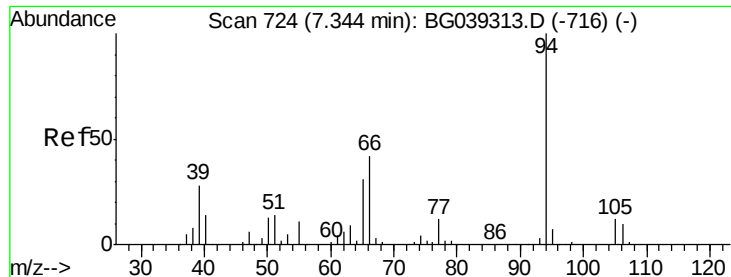
105 96.0 74.5 114.5

106 91.0 68.0 108.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 8.822 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039470.D

Acq: 12 Feb 2019 19:13

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-4

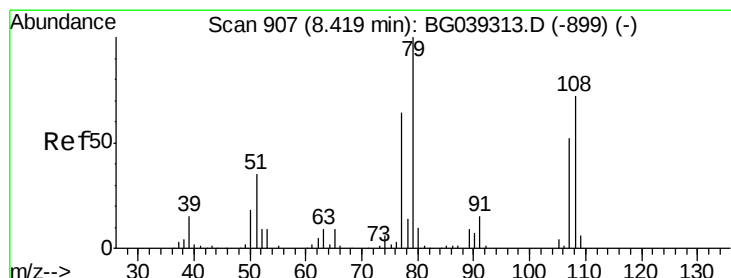
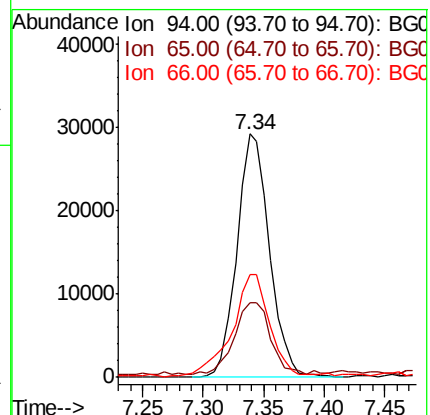
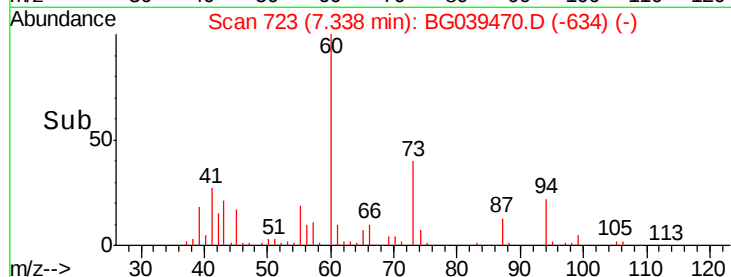
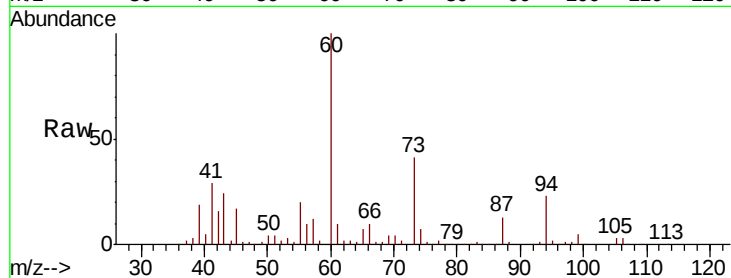
Tot Ion: 94 Resp: 54691

Ion Ratio Lower Upper

94 100

65 30.7 11.7 51.7

66 42.1 23.7 63.7



#15

Benzyl Alcohol

Concen: 30.016 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039470.D

Acq: 12 Feb 2019 19:13

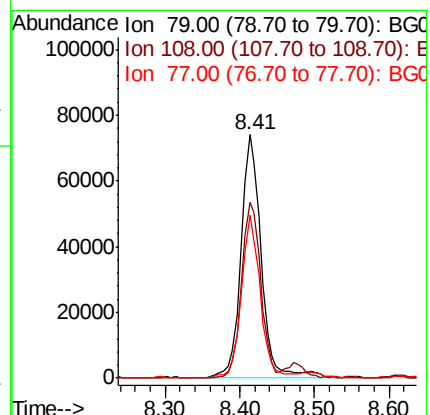
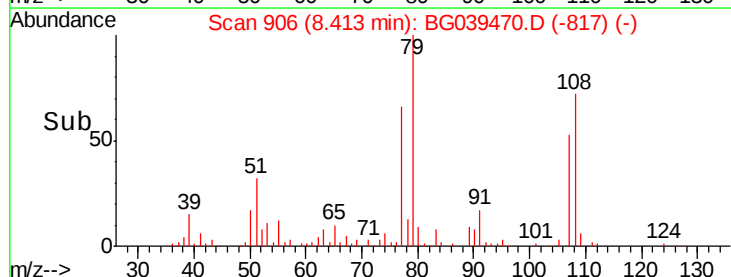
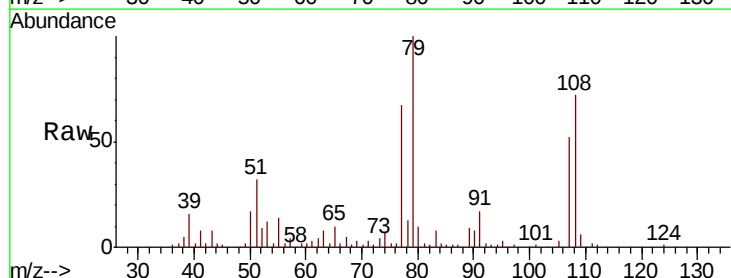
Tgt Ion: 79 Resp: 140140

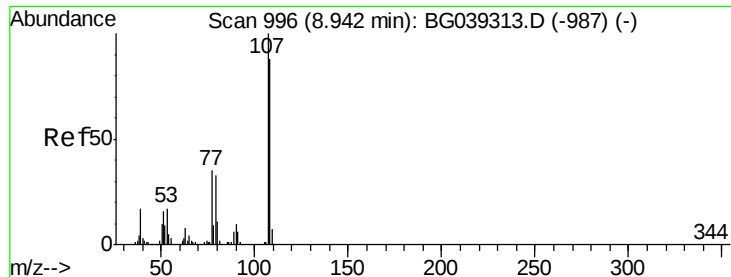
Ion Ratio Lower Upper

79 100

108 71.9 57.8 86.6

77 66.7 51.1 76.7





#20

3+4-Methylphenols

Concen: 3.267 ng

RT: 8.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BG039470.D

Acq: 12 Feb 2019 19:13

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-4

Tot Ion:107 Resp: 18046

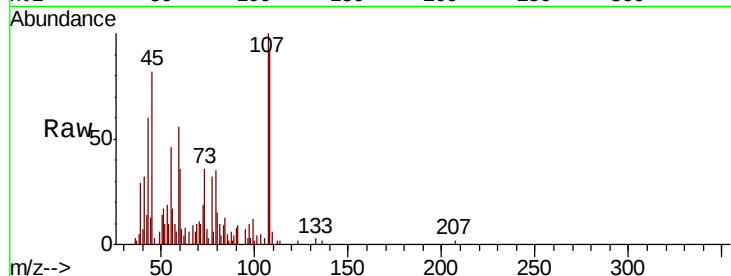
Ion Ratio Lower Upper

107 100

108 91.9 67.9 107.9

77 31.7 15.4 55.4

79 34.6 13.7 53.7



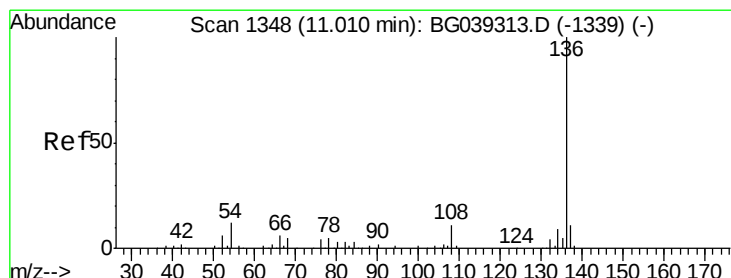
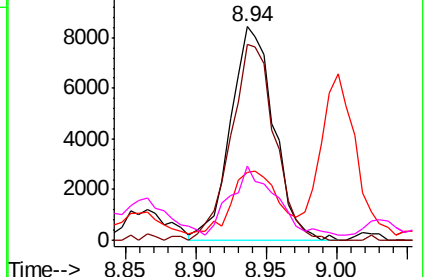
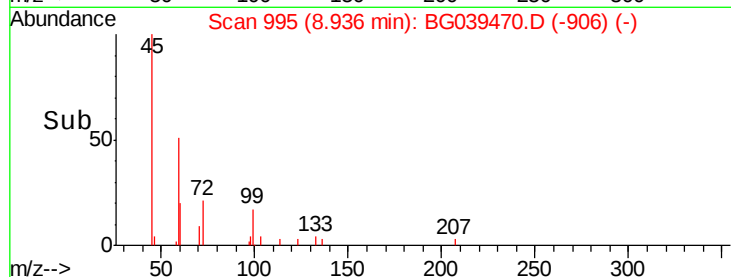
Abundance Ion 107.00 (106.70 to 107.70): E

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

Time--> 8.85 8.90 8.95 9.00



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BG039470.D

Acq: 12 Feb 2019 19:13

Tgt Ion:136 Resp: 312870

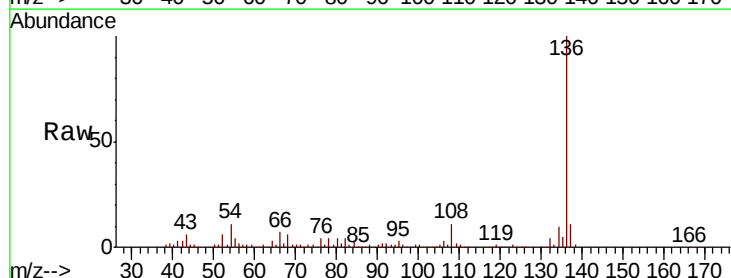
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 11.4 9.4 14.2

68 5.9 4.2 6.4



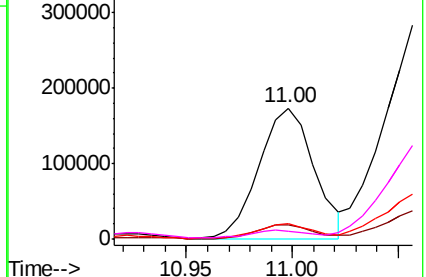
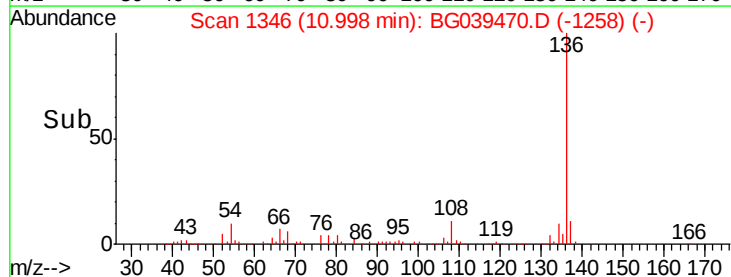
Abundance Ion 136.00 (135.70 to 136.70): E

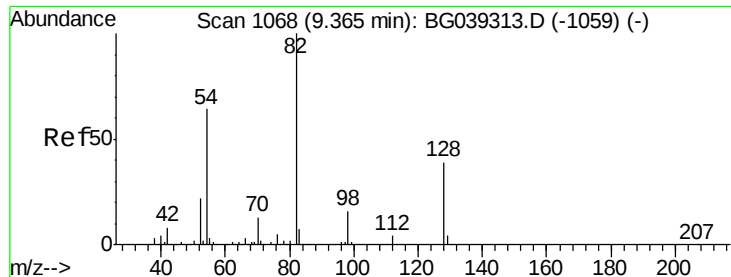
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

Time--> 10.95 11.00

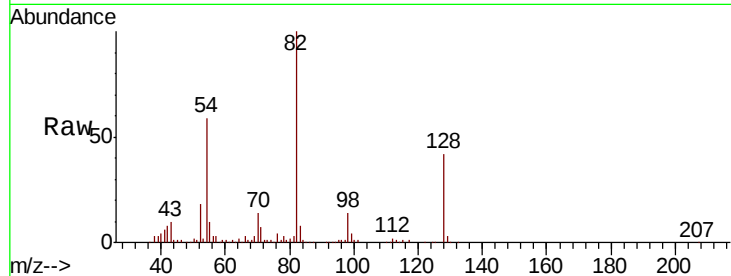




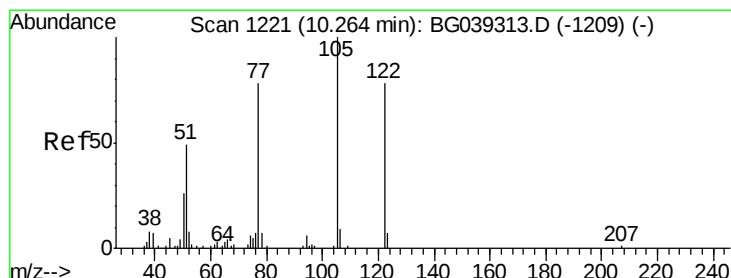
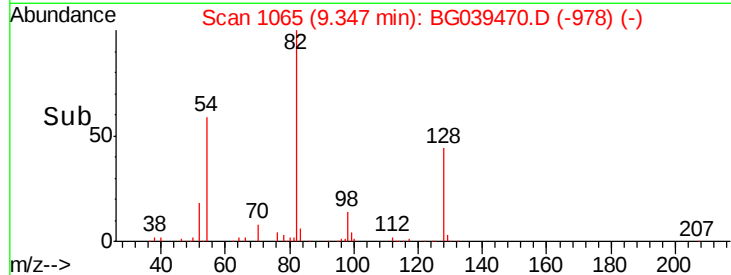
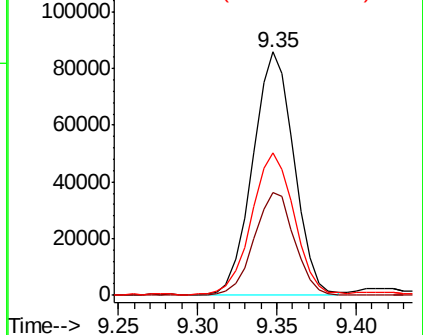
#23
Nitrobenzene-d5
Concen: 30.800 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039470.D
Acq: 12 Feb 2019 19:13

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-4

Tot Ion: 82 Resp: 154253
Ion Ratio Lower Upper
82 100
128 42.4 31.3 46.9
54 58.6 50.9 76.3

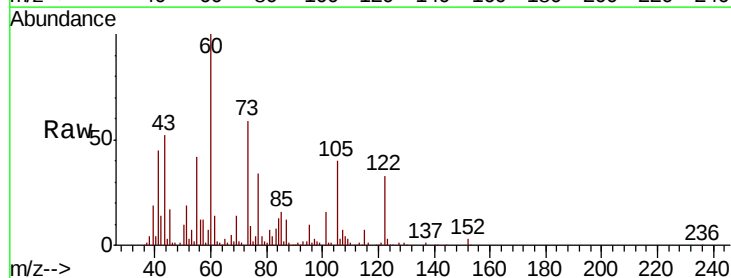


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

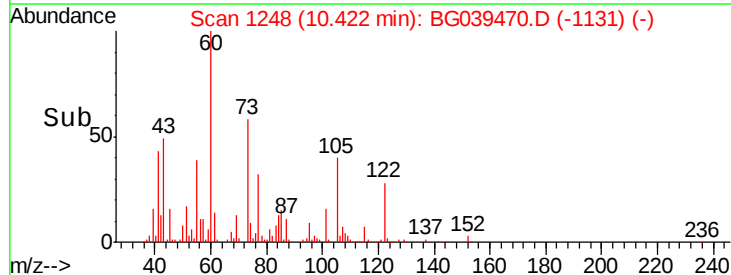
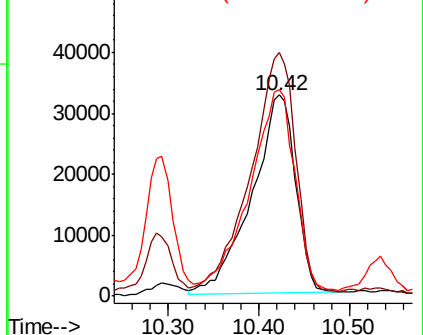


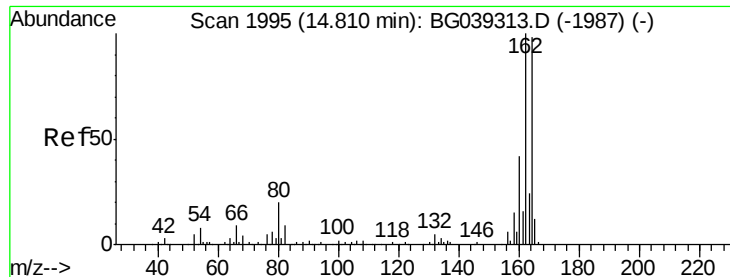
#32
Benzoic acid
Concen: 39.181 ng
RT: 10.42 min Scan# 1248
Delta R.T. 0.16 min
Lab File: BG039470.D
Acq: 12 Feb 2019 19:13

Tgt Ion: 122 Resp: 109185
Ion Ratio Lower Upper
122 100
105 121.3 101.8 141.8
77 103.1 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

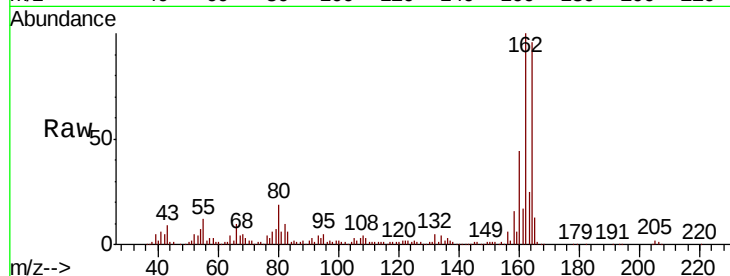




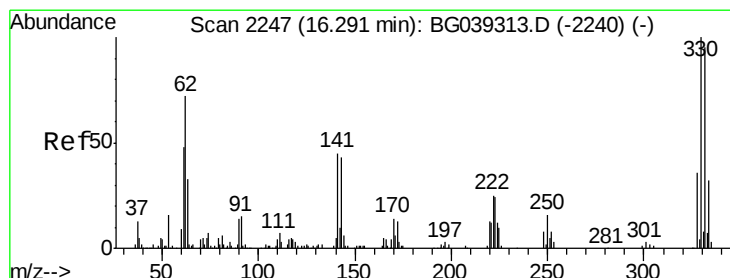
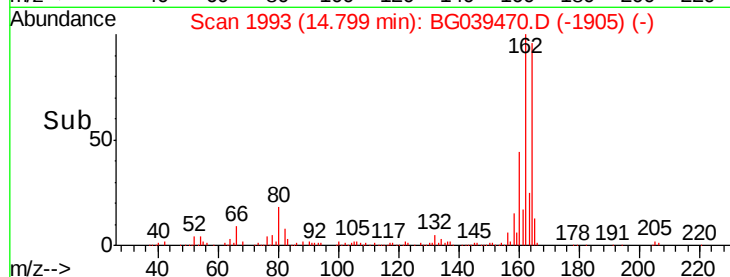
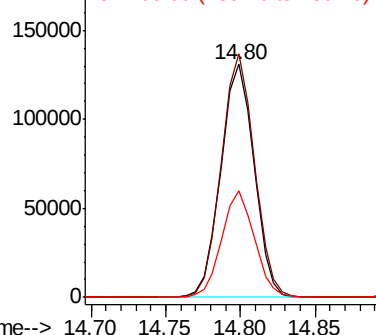
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039470.D
Acq: 12 Feb 2019 19:13

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-4

Tot Ion:164 Resp: 201305
Ion Ratio Lower Upper
164 100
162 104.3 81.6 122.4
160 45.8 34.2 51.2

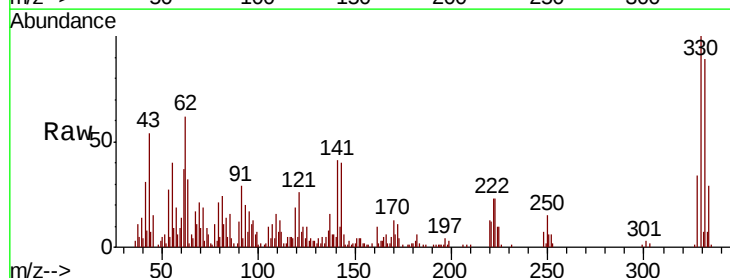


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

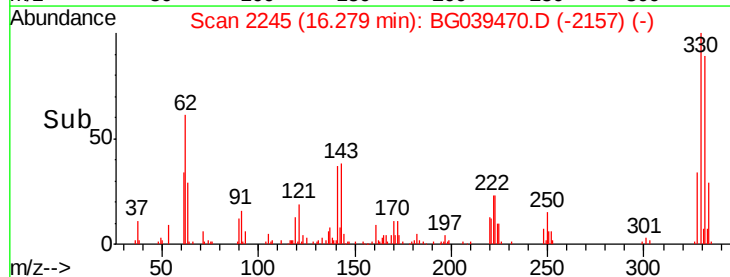
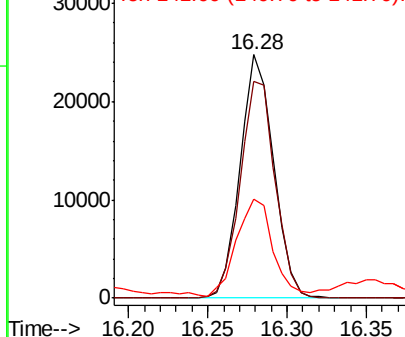


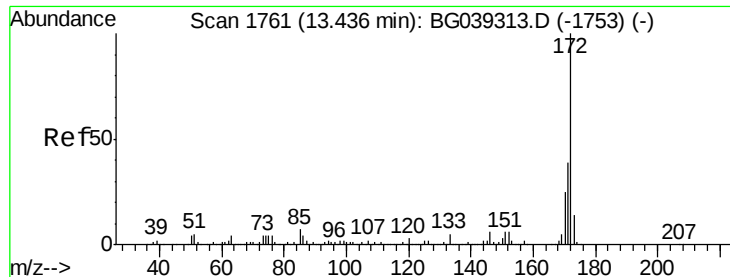
#42
2,4,6-Tribromophenol
Concen: 16.731 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039470.D
Acq: 12 Feb 2019 19:13

Tgt Ion:330 Resp: 36268
Ion Ratio Lower Upper
330 100
332 93.1 75.7 113.5
141 42.7 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

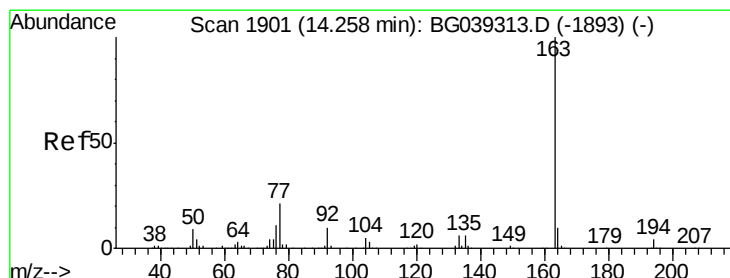
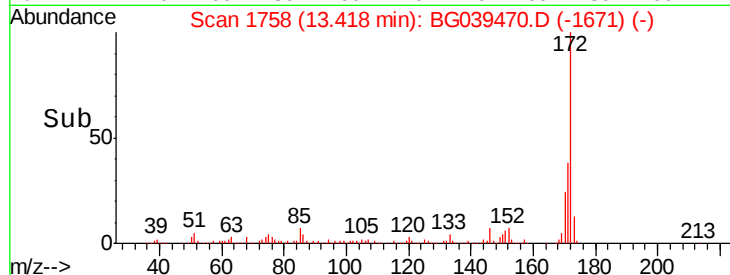
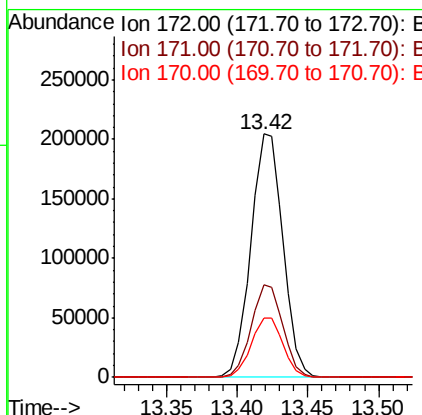
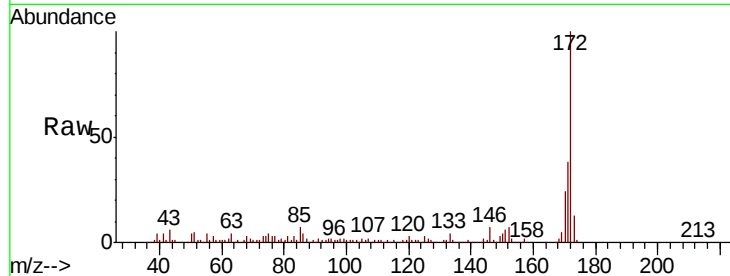




#45
2-Fluorobiphenyl
Concen: 23.223 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039470.D
Acq: 12 Feb 2019 19:13

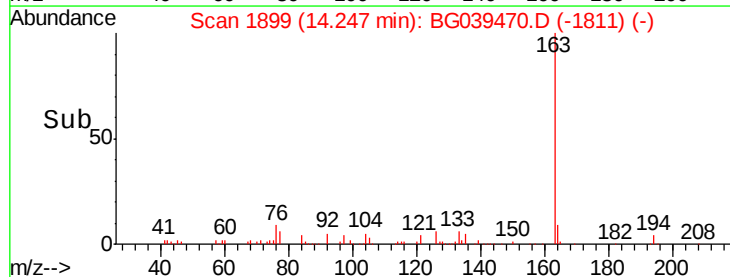
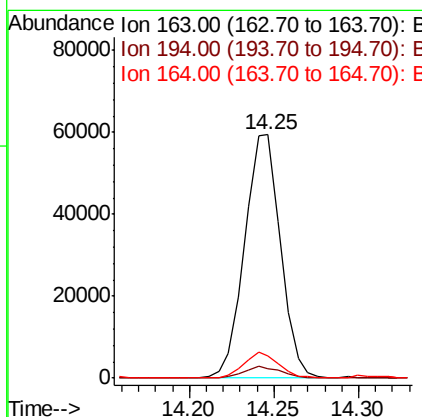
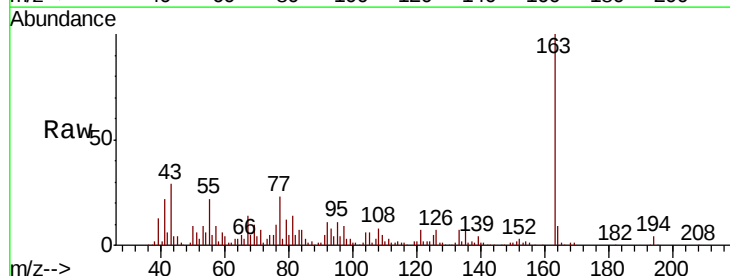
Instrument :
BNA_G
ClientSampleId :
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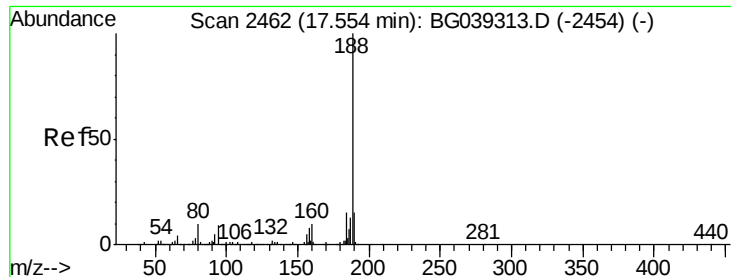
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.8	46.2
170	24.4	20.2	30.4



#50
Dimethylphthalate
Concen: 5.414 ng
RT: 14.25 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG039470.D
Acq: 12 Feb 2019 19:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	8.9	8.4	12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039470.D

Acq: 12 Feb 2019 19:13

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-4

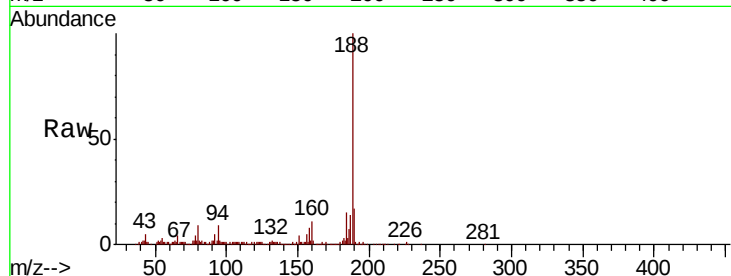
Tot Ion:188 Resp: 441892

Ion Ratio Lower Upper

188 100

94 8.9 6.9 10.3

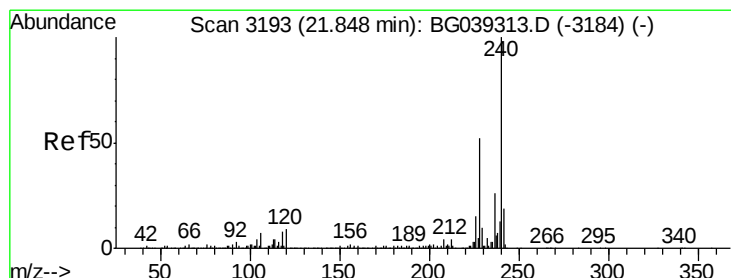
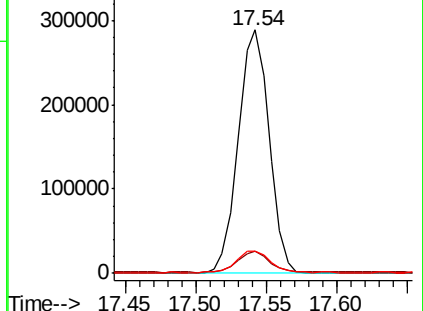
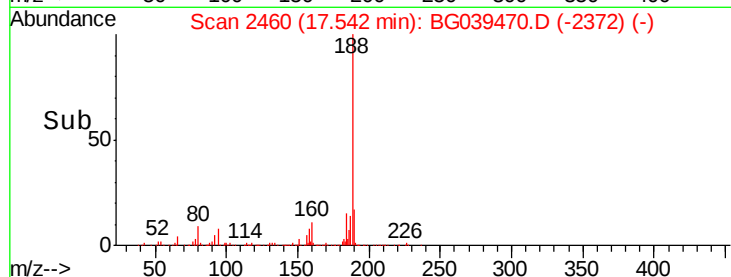
80 9.2 8.1 12.1



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: 21.84 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039470.D

Acq: 12 Feb 2019 19:13

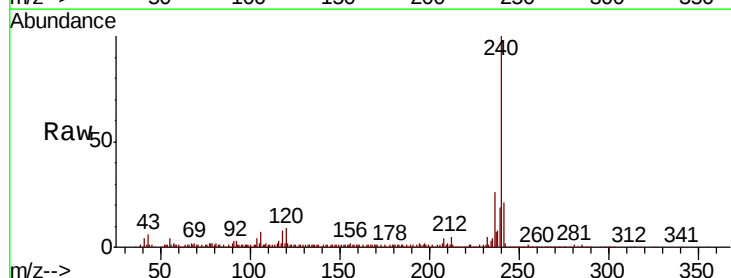
Tgt Ion:240 Resp: 438918

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

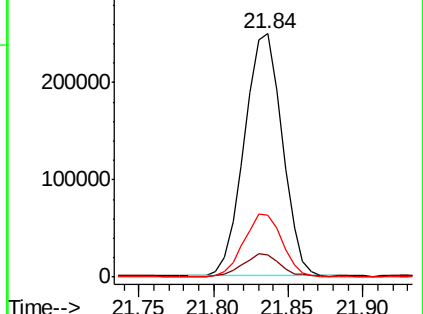
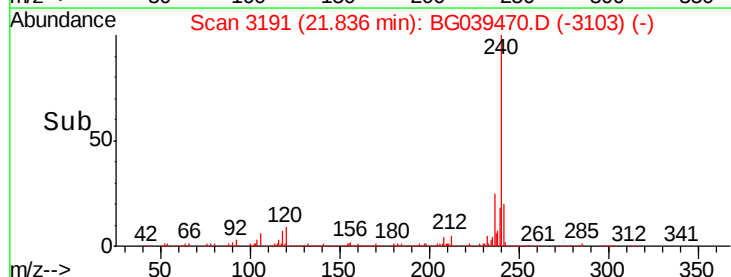
236 25.6 21.0 31.4

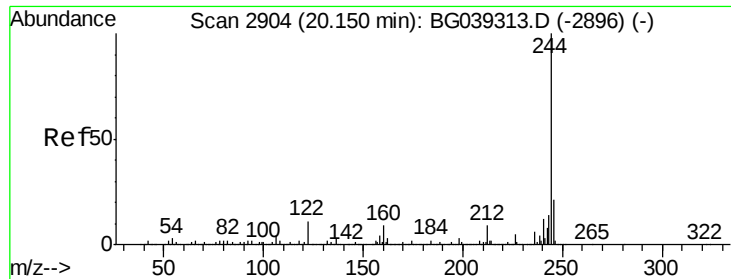


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

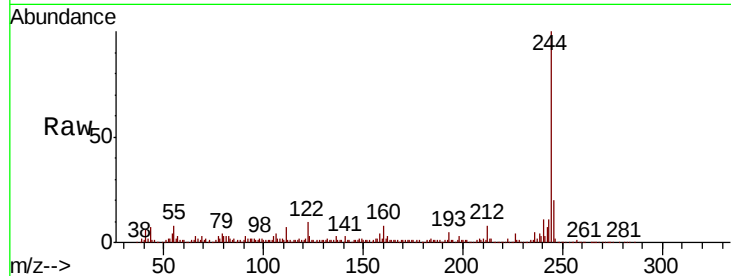




#79
 Terphenyl-d14
 Concen: 18.365 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039470.D
 Acq: 12 Feb 2019 19:13

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-4

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.3	10.9
122	9.5	8.4	12.6

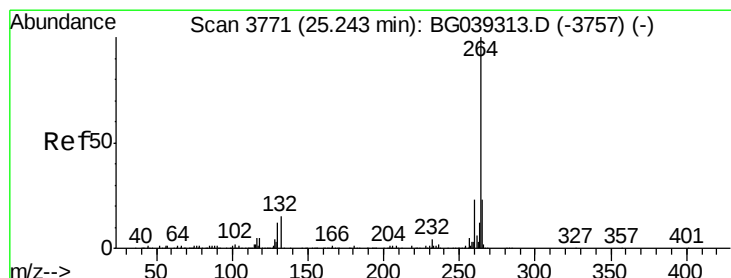
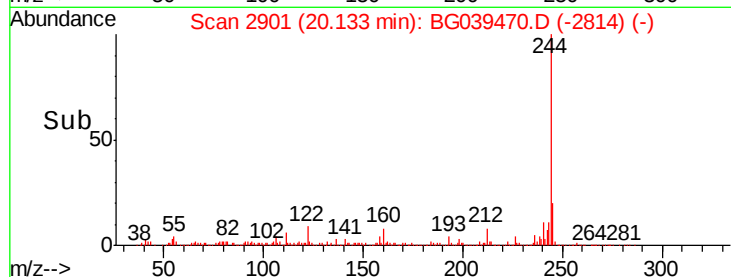
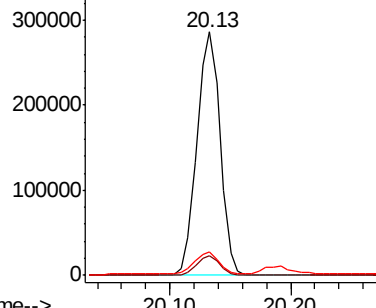


Abundance

Ion 244.00 (243.70 to 244.70): E

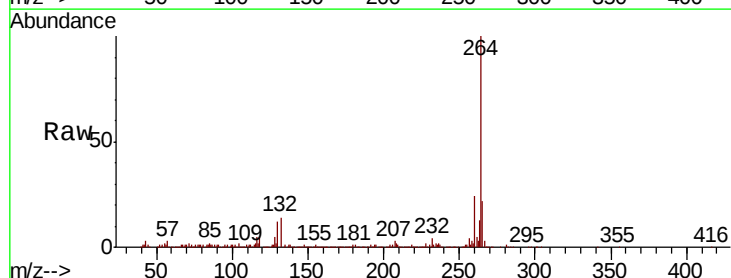
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.23 min Scan# 3768
 Delta R.T. -0.02 min
 Lab File: BG039470.D
 Acq: 12 Feb 2019 19:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	22.2	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

