

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021419\
 Data File : BG039507.D
 Acq On : 14 Feb 2019 10:37
 Operator : JU/SJ
 Sample : K1461-09RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-4RE

Quant Time: Feb 14 16:13:16 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

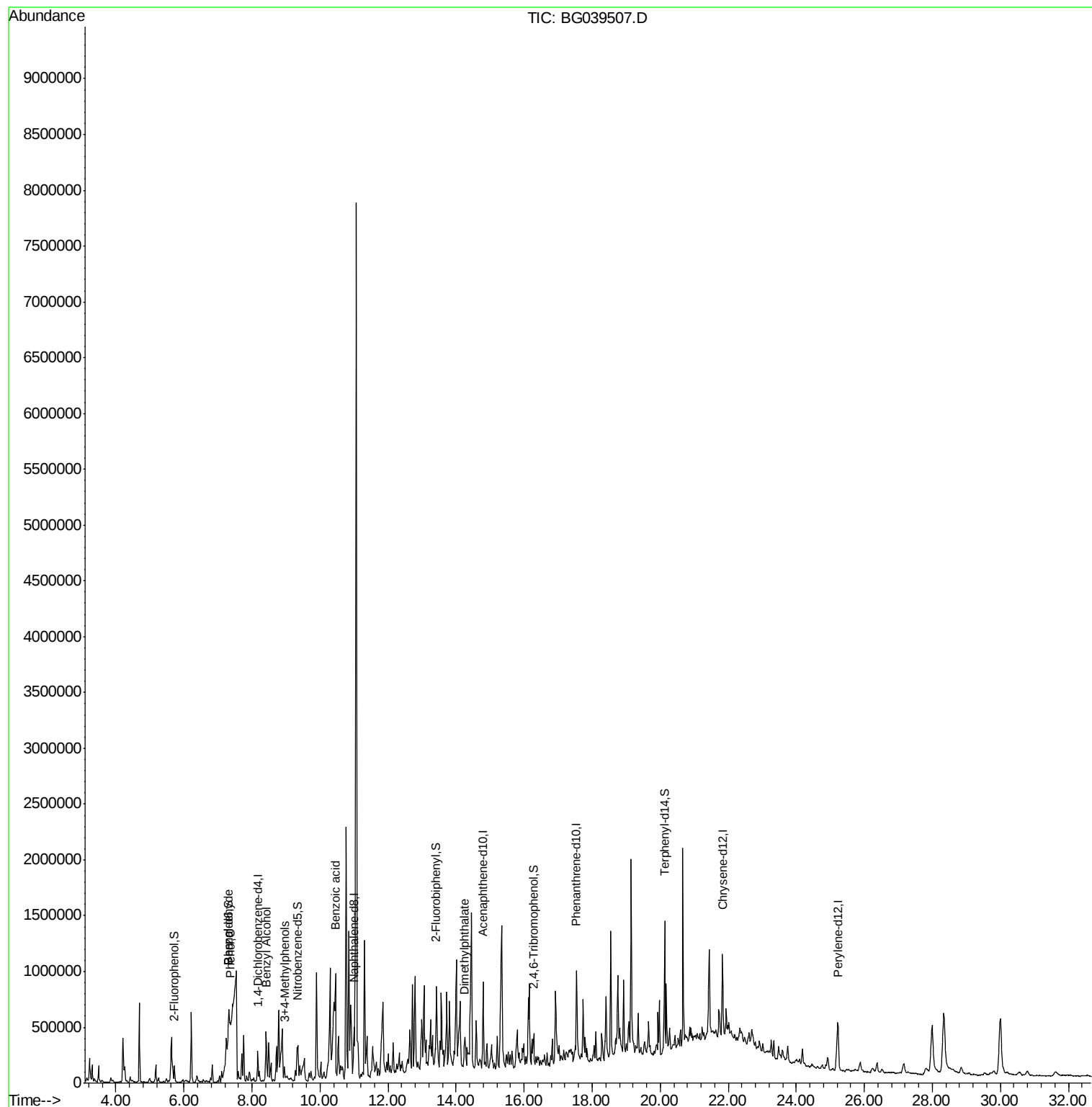
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	73545	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	347956	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	224080	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	473234	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	467524	20.00	ng	-0.02
87) Perylene-d12	25.22	264	494407	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	65385	15.22	ng	0.00
7) Phenol-d6	7.32	99	77028	12.18	ng	0.00
23) Nitrobenzene-d5	9.35	82	163746	29.40	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	39325	16.30	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	357449	22.88	ng	-0.02
79) Terphenyl-d14	20.13	244	405580	18.36	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	71684	19.257	ng	95
10) Phenol	7.35	94	58453	8.865	ng	98
15) Benzyl Alcohol	8.42	79	143178	28.833	ng	98
20) 3+4-Methylphenols	8.95	107	19669	3.348	ng	93
32) Benzoic acid	10.44	122	121535	39.207	ng	99
50) Dimethylphthalate	14.24	163	95192	5.260	ng	100

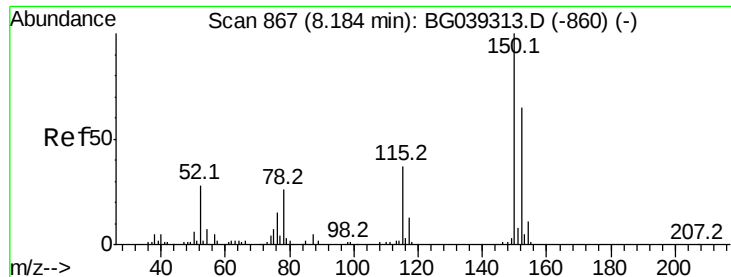
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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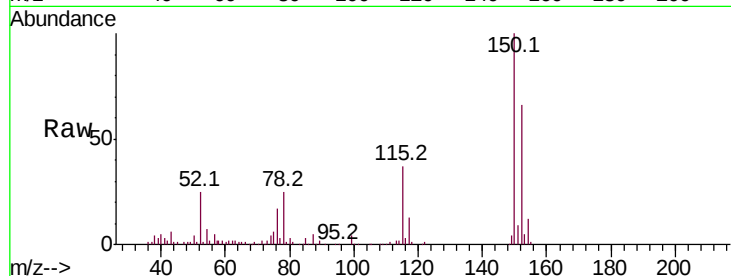


#1

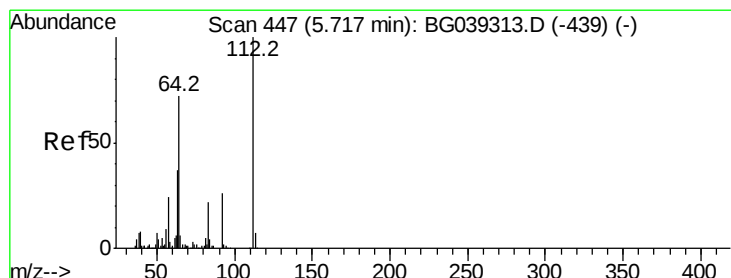
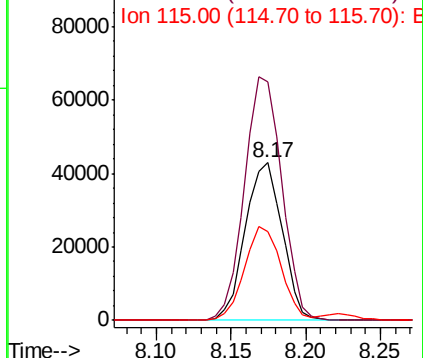
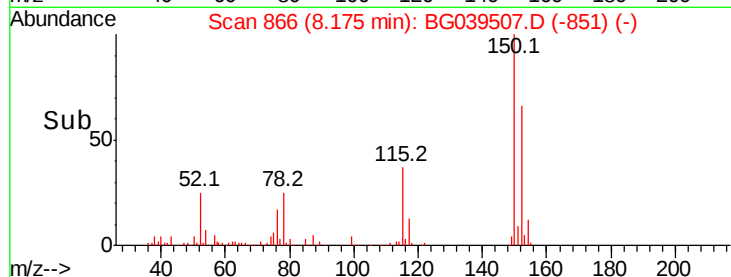
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039507.D
Acq: 14 Feb 2019 10:37

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-4RE

Tot Ion:152 Resp: 73545
Ion Ratio Lower Upper
152 100
150 151.9 123.7 185.5
115 56.5 45.9 68.9



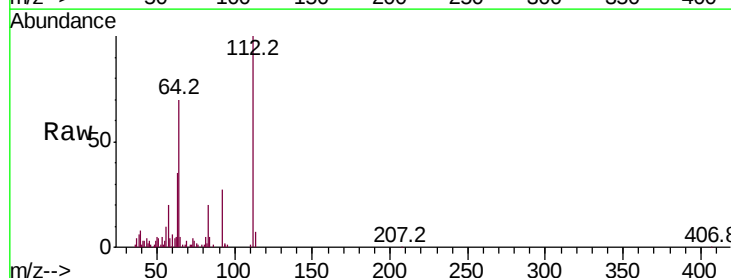
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



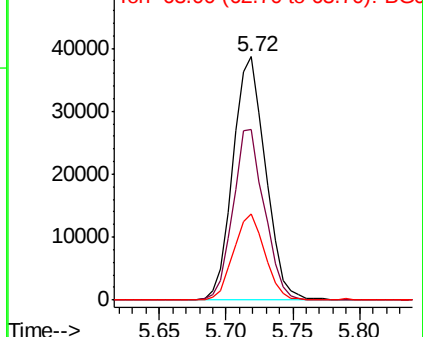
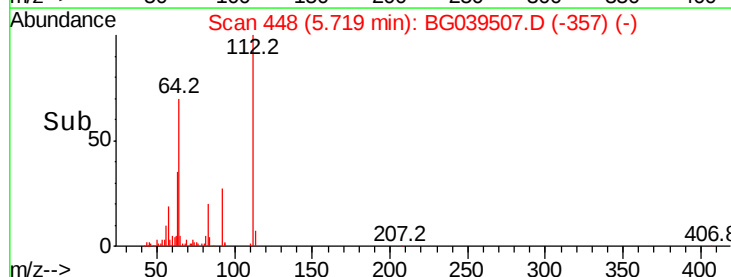
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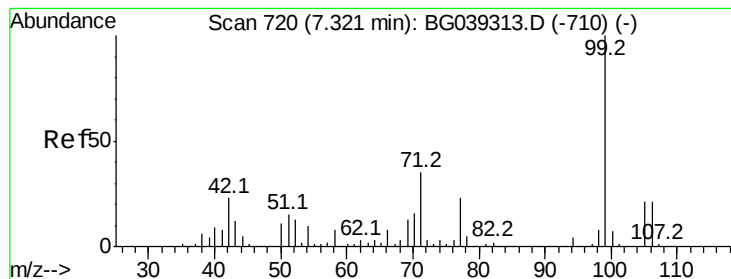
2-Fluorophenol
Concen: 15.216 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039507.D
Acq: 14 Feb 2019 10:37

Tgt Ion:112 Resp: 65385
Ion Ratio Lower Upper
112 100
64 70.1 57.8 86.8
63 35.4 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: 12.178 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG039507.D

Acq: 14 Feb 2019 10:37

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-4RE

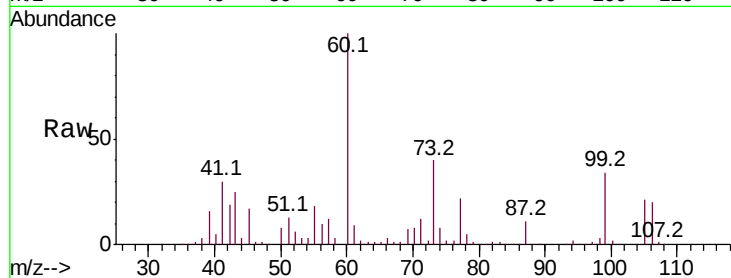
Tot Ion: 99 Resp: 77028

Ion Ratio Lower Upper

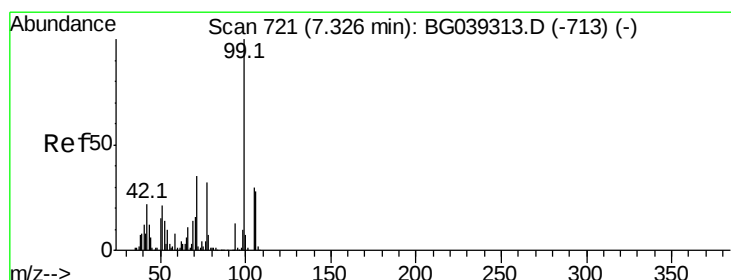
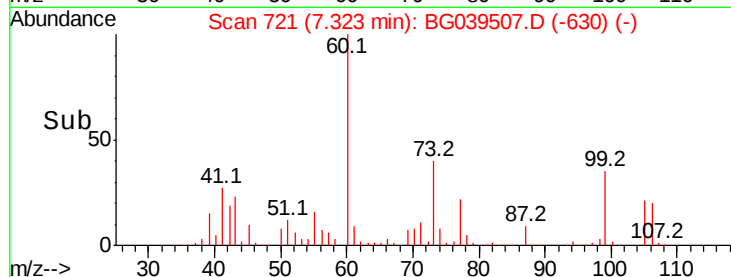
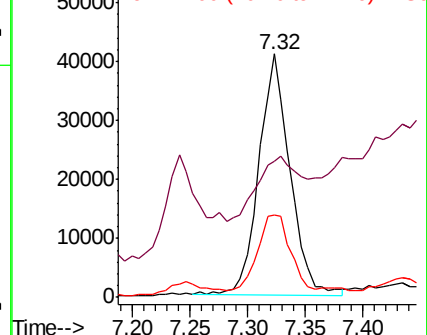
99 100

42 55.6 18.2 27.2#

71 33.6 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: 19.257 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039507.D

Acq: 14 Feb 2019 10:37

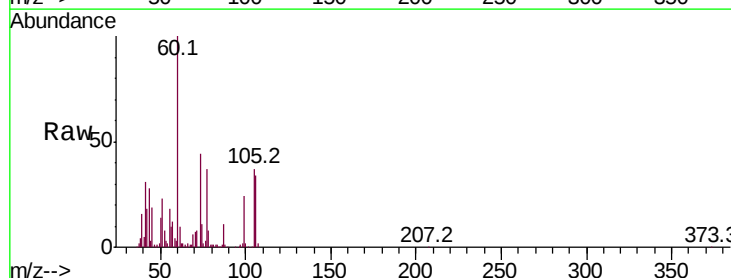
Tgt Ion: 77 Resp: 71684

Ion Ratio Lower Upper

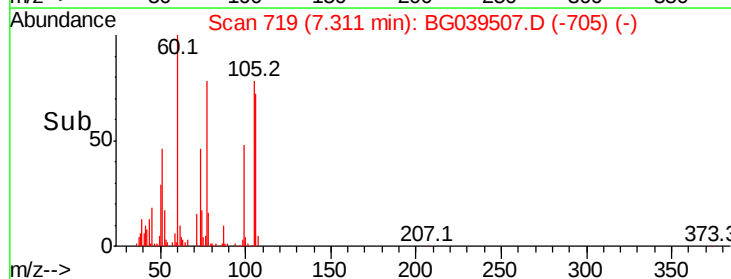
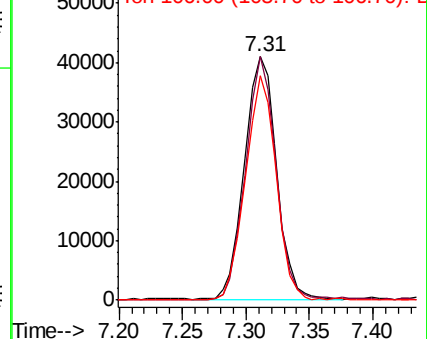
77 100

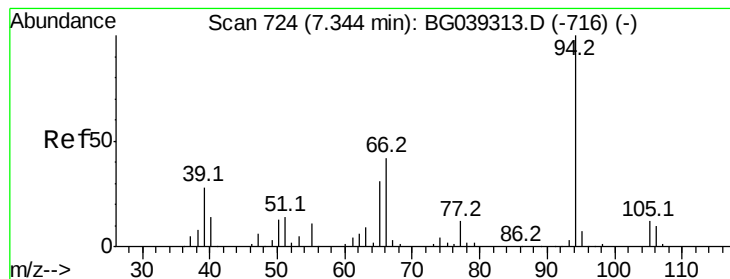
105 99.8 74.5 114.5

106 92.1 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: 8.865 ng

RT: 7.35 min Scan# 726

Delta R.T. 0.01 min

Lab File: BG039507.D

Acq: 14 Feb 2019 10:37

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-4RE

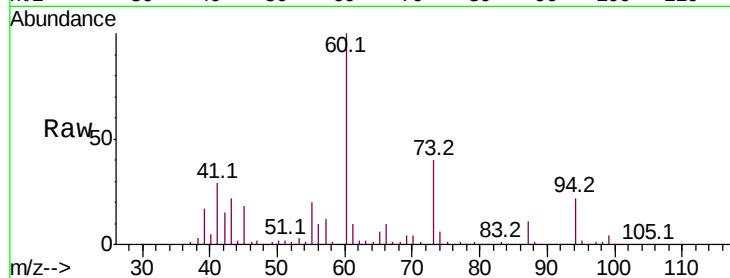
Tot Ion: 94 Resp: 58453

Ion Ratio Lower Upper

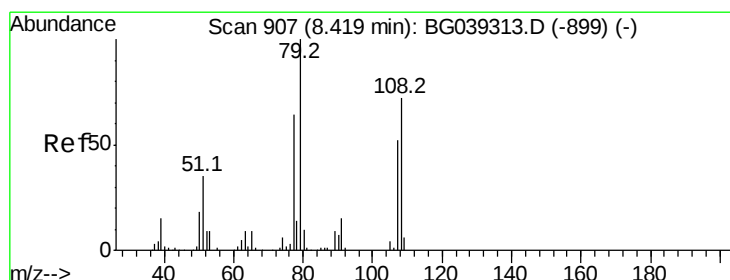
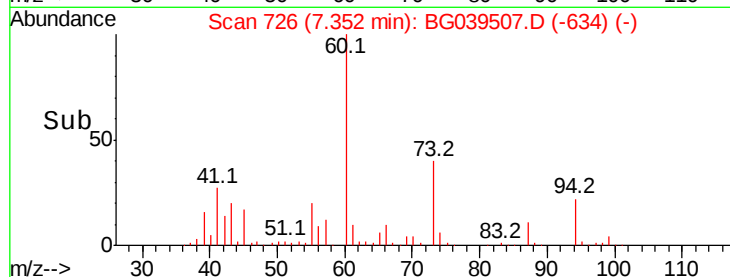
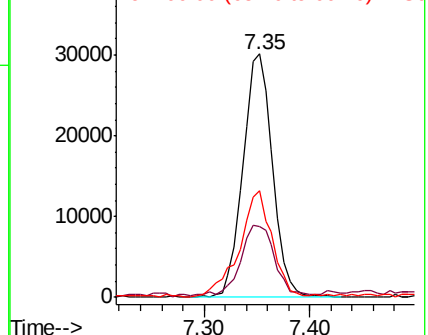
94 100

65 28.9 11.7 51.7

66 43.6 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



#15

Benzyl Alcohol

Concen: 28.833 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG039507.D

Acq: 14 Feb 2019 10:37

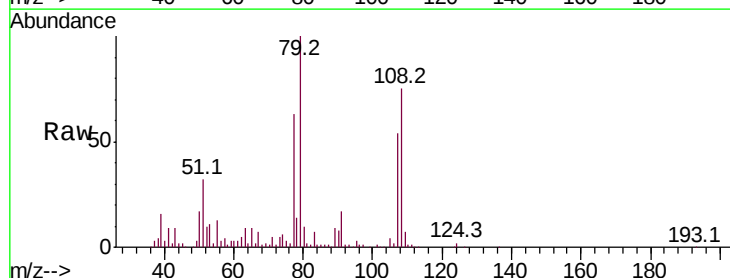
Tgt Ion: 79 Resp: 143178

Ion Ratio Lower Upper

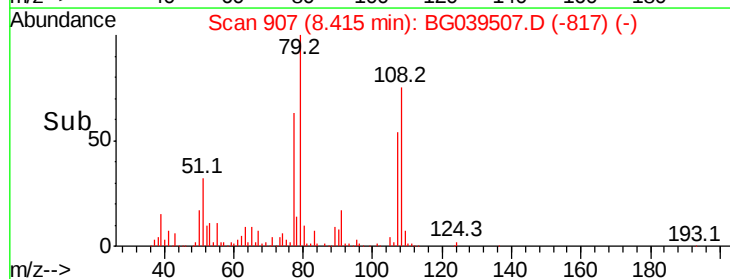
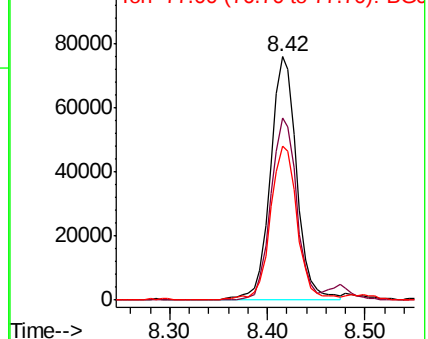
79 100

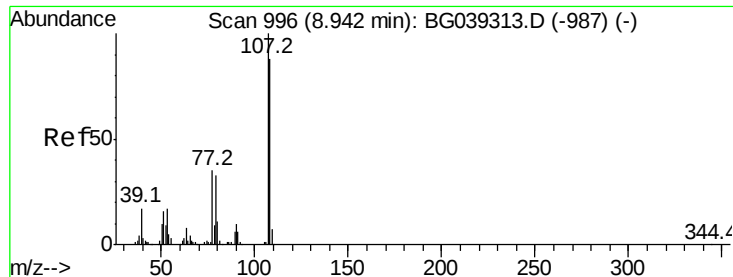
108 74.7 57.8 86.6

77 63.5 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#20

3+4-Methylphenols

Concen: 3.348 ng

RT: 8.95 min Scan# 998

Delta R.T. 0.01 min

Lab File: BG039507.D

Acq: 14 Feb 2019 10:37

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-4RE

Tot Ion:107 Resp: 19669

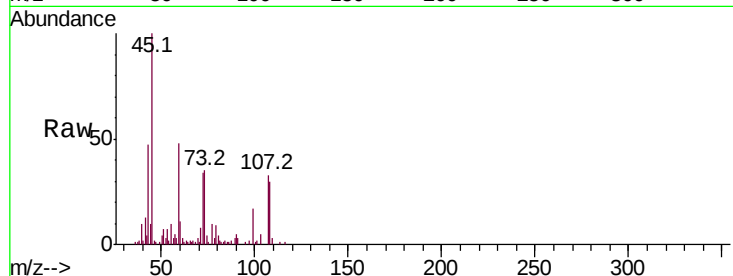
Ion Ratio Lower Upper

107 100

108 92.5 67.9 107.9

77 31.3 15.4 55.4

79 26.2 13.7 53.7

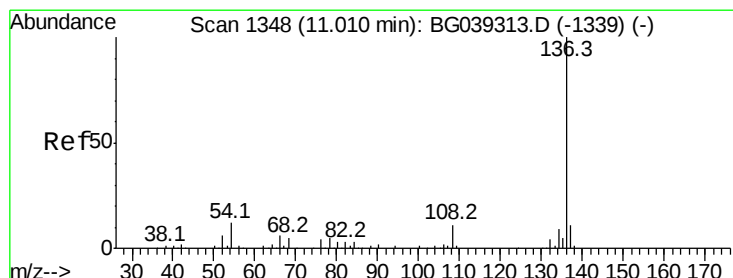
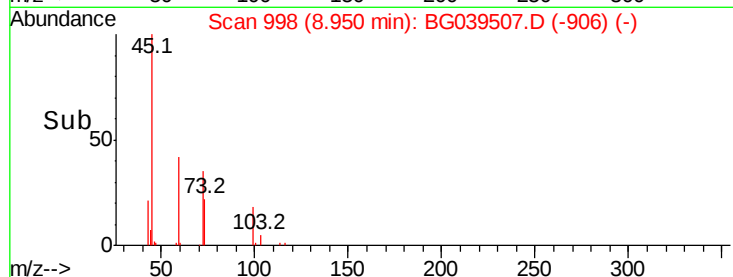
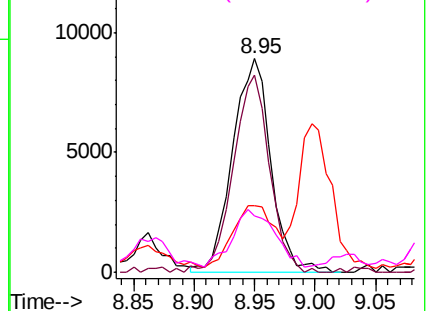


Abundance Ion 107.00 (106.70 to 107.70): E

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: 10.99 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BG039507.D

Acq: 14 Feb 2019 10:37

Tgt Ion:136 Resp: 347956

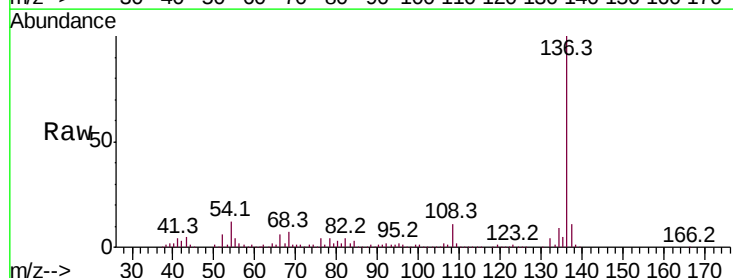
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 12.0 9.4 14.2

68 6.9 4.2 6.4#

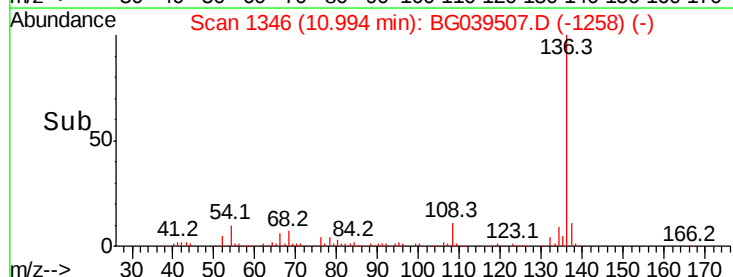
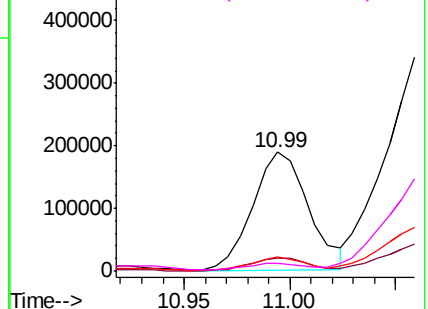


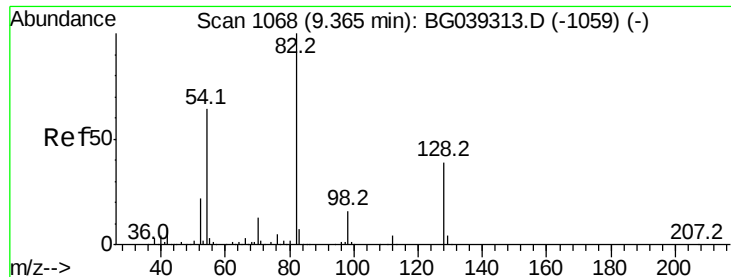
Abundance Ion 136.00 (135.70 to 136.70): E

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

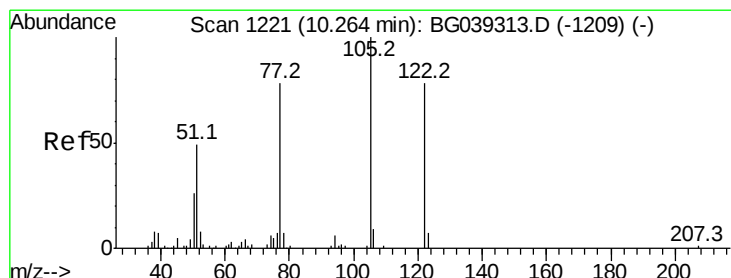
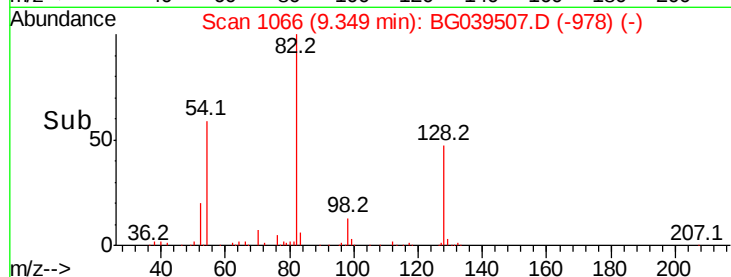
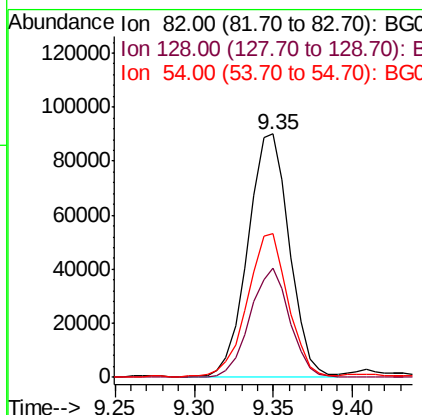
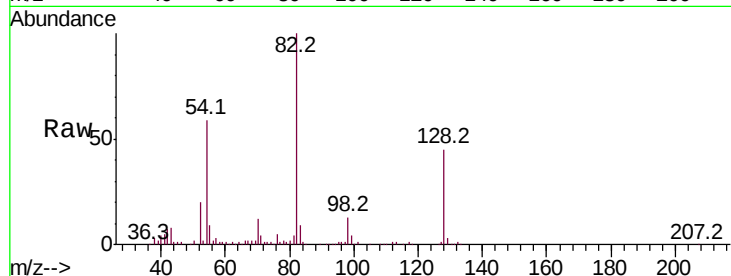




#23
 Nitrobenzene-d5
 Concen: 29.399 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039507.D
 Acq: 14 Feb 2019 10:37

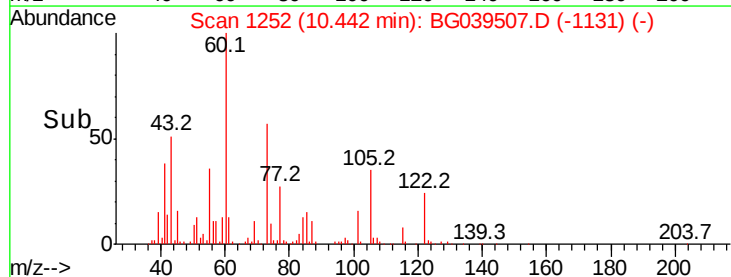
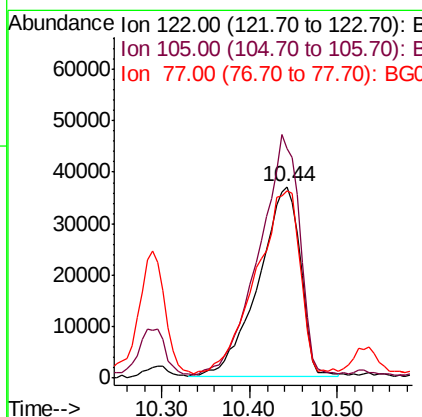
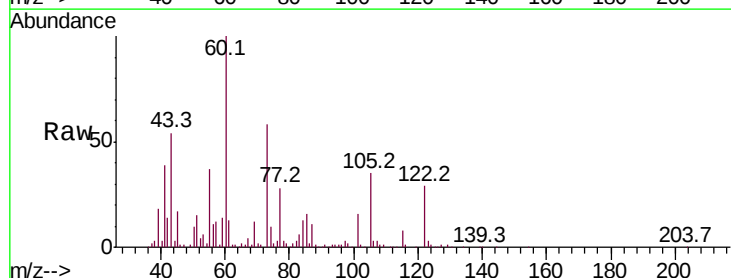
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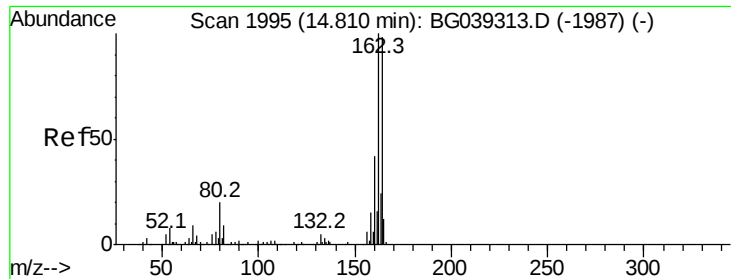
Tot Ion: 82 Resp: 163746
 Ion Ratio Lower Upper
 82 100
 128 45.0 31.3 46.9
 54 58.9 50.9 76.3



#32
 Benzoic acid
 Concen: 39.207 ng
 RT: 10.44 min Scan# 1252
 Delta R.T. 0.18 min
 Lab File: BG039507.D
 Acq: 14 Feb 2019 10:37

Tgt Ion: 122 Resp: 121535
 Ion Ratio Lower Upper
 122 100
 105 119.9 101.8 141.8
 77 97.4 76.3 116.3

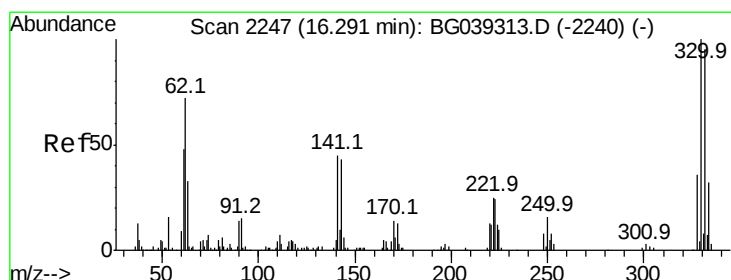
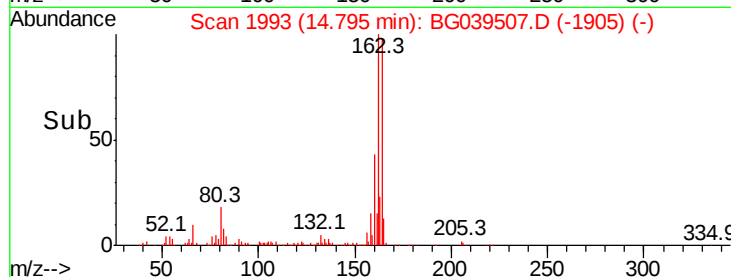
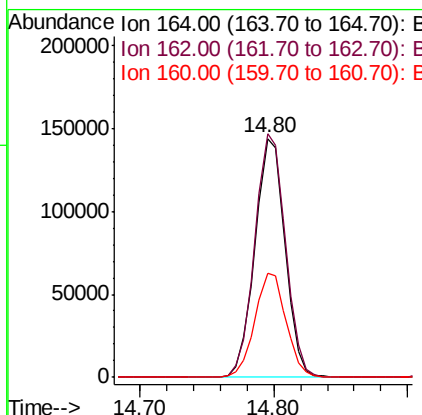
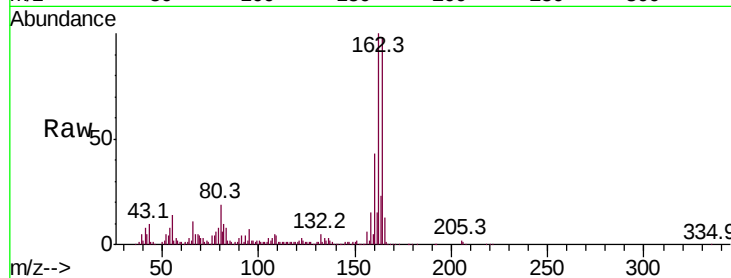




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BG039507.D
Acq: 14 Feb 2019 10:37

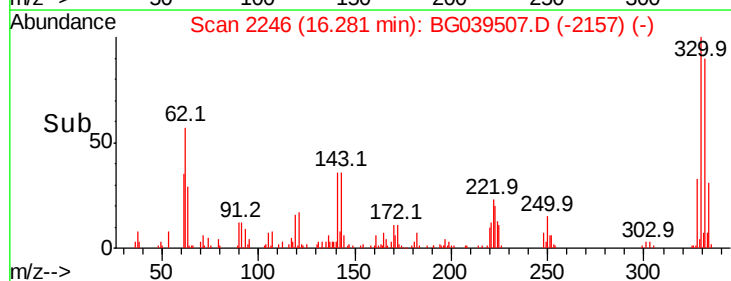
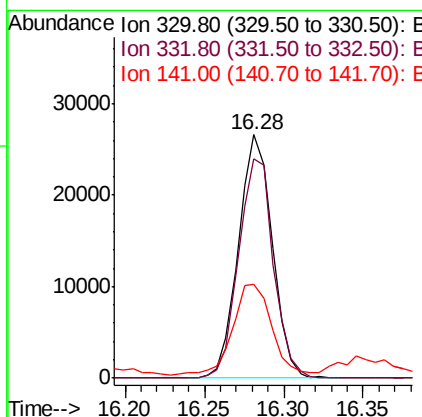
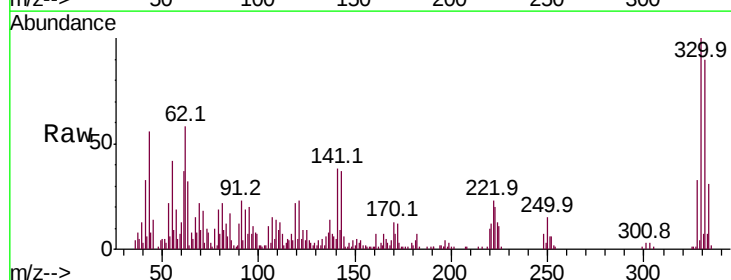
Instrument :
BNA_G
ClientSampleId :
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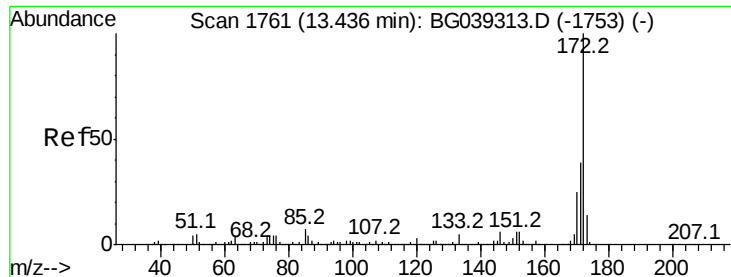
Tot Ion:164 Resp: 224080
Ion Ratio Lower Upper
164 100
162 101.9 81.6 122.4
160 43.6 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 16.297 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039507.D
Acq: 14 Feb 2019 10:37

Tgt Ion:330 Resp: 39325
Ion Ratio Lower Upper
330 100
332 92.8 75.7 113.5
141 42.5 35.6 53.4

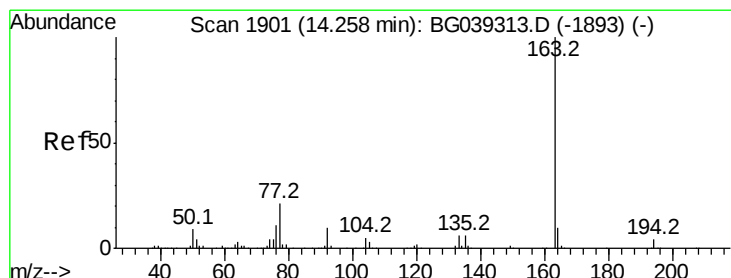
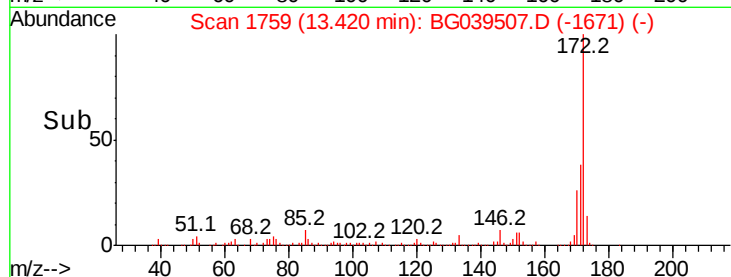
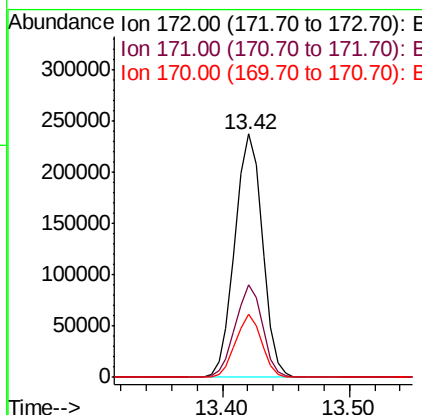
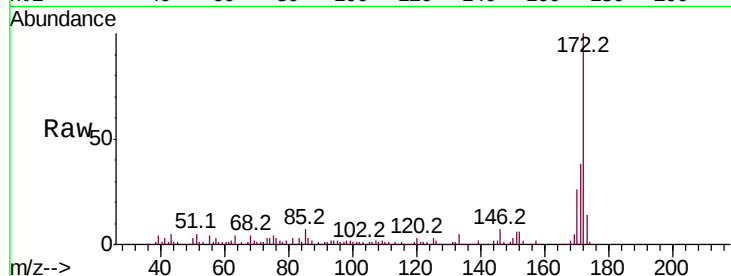




#45
2-Fluorobiphenyl
Concen: 22.884 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BG039507.D
Acq: 14 Feb 2019 10:37

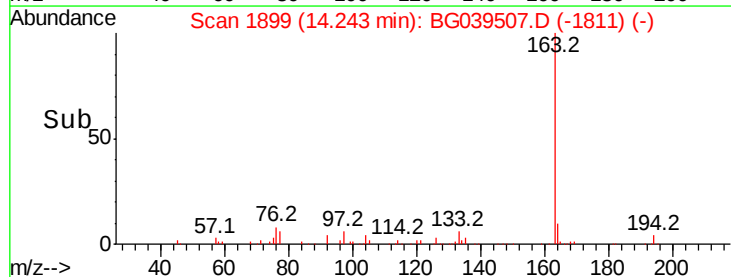
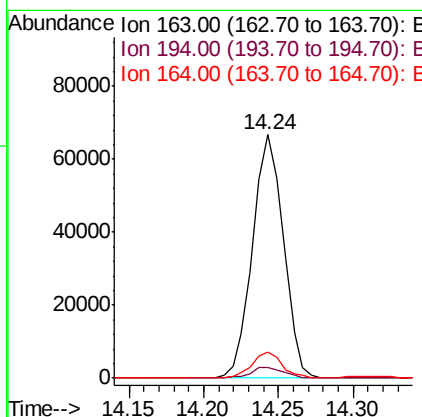
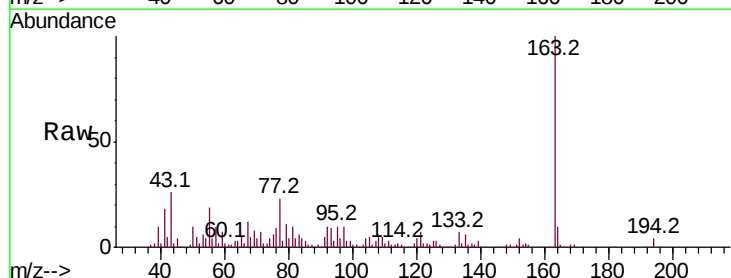
Instrument :
BNA_G
ClientSampleId :
TEST-PIT-4RE

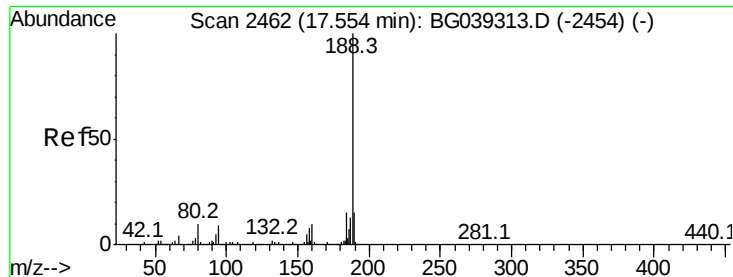
Tot Ion:172 Resp: 357449
Ion Ratio Lower Upper
172 100
171 37.9 30.8 46.2
170 25.7 20.2 30.4



#50
Dimethylphthalate
Concen: 5.260 ng
RT: 14.24 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BG039507.D
Acq: 14 Feb 2019 10:37

Tgt Ion:163 Resp: 95192
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 10.4 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.02 min

Lab File: BG039507.D

Acq: 14 Feb 2019 10:37

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-4RE

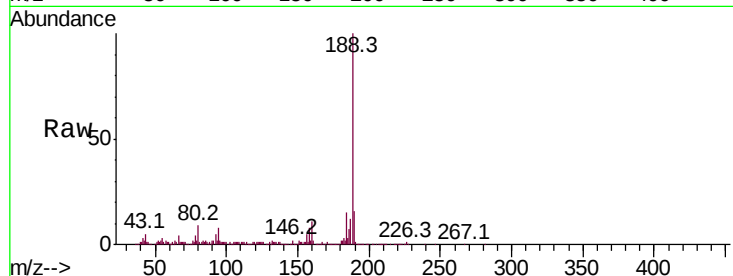
Tot Ion:188 Resp: 473234

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

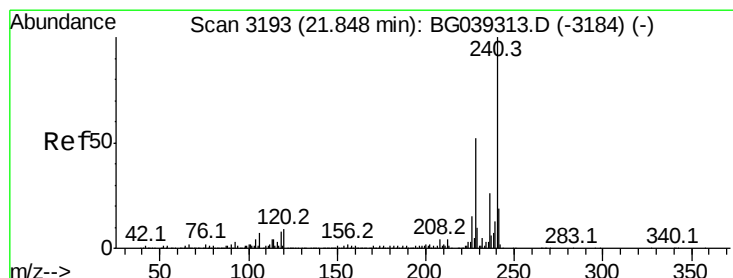
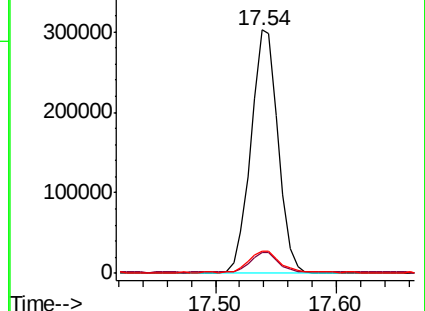
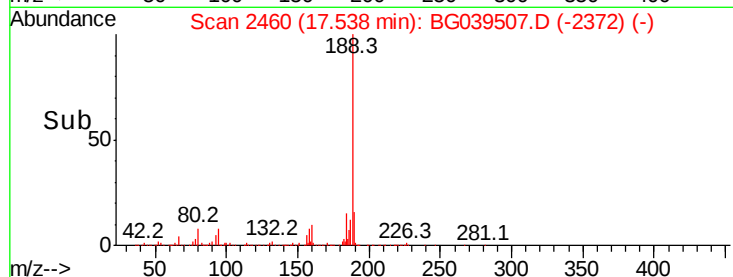
80 9.1 8.1 12.1



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: 21.83 min Scan# 3191

Delta R.T. -0.02 min

Lab File: BG039507.D

Acq: 14 Feb 2019 10:37

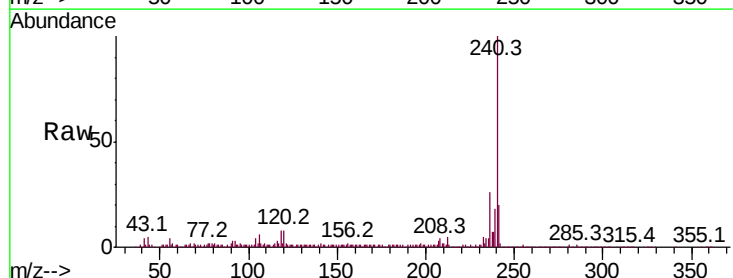
Tgt Ion:240 Resp: 467524

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

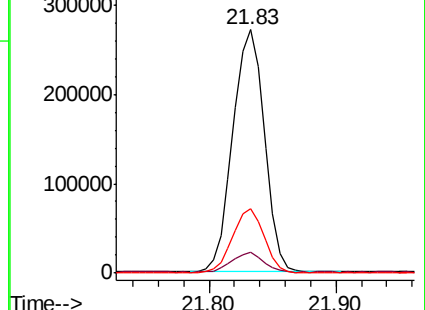
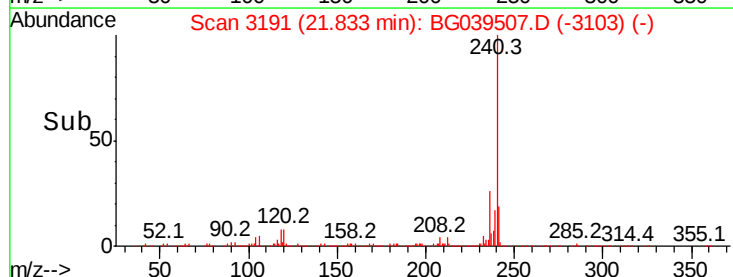
236 26.5 21.0 31.4

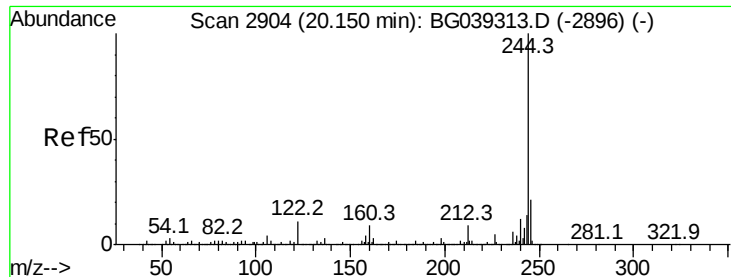


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

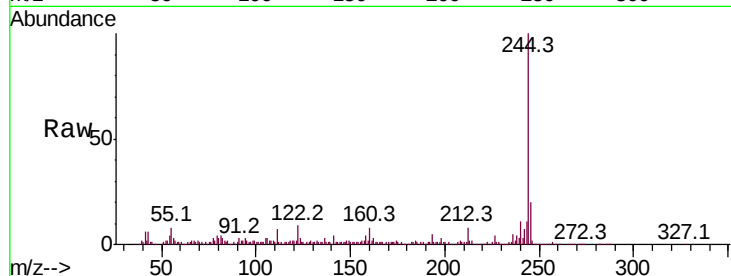




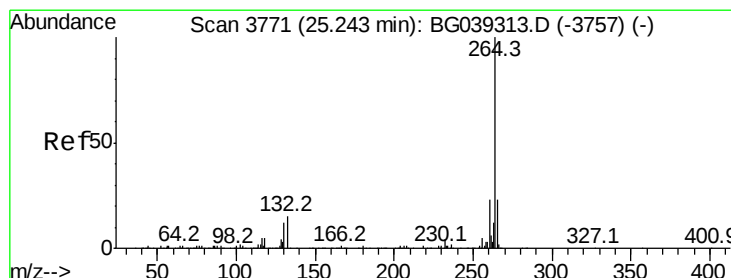
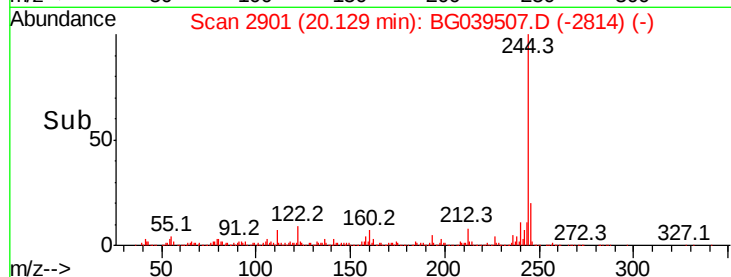
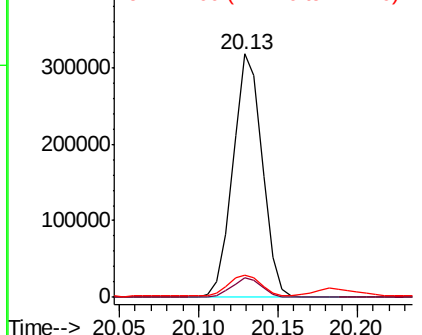
#79
 Terphenyl-d14
 Concen: 18.362 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039507.D
 Acq: 14 Feb 2019 10:37

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-4RE

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.3	10.9
122	9.4	8.4	12.6

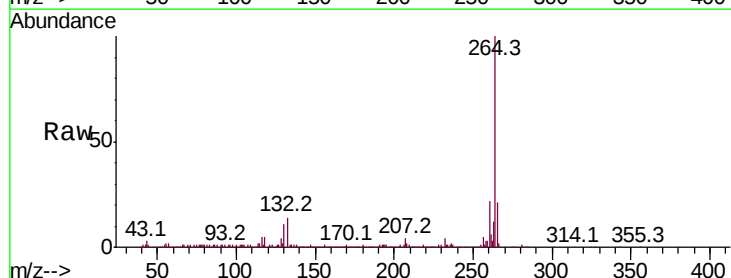


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.22 min Scan# 3768
 Delta R.T. -0.02 min
 Lab File: BG039507.D
 Acq: 14 Feb 2019 10:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	21.5	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

