

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039192.D
 Acq On : 17 Jan 2019 18:40
 Operator : JU/SJ
 Sample : K1149-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SW001-190114-01

Quant Time: Jan 18 04:45:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

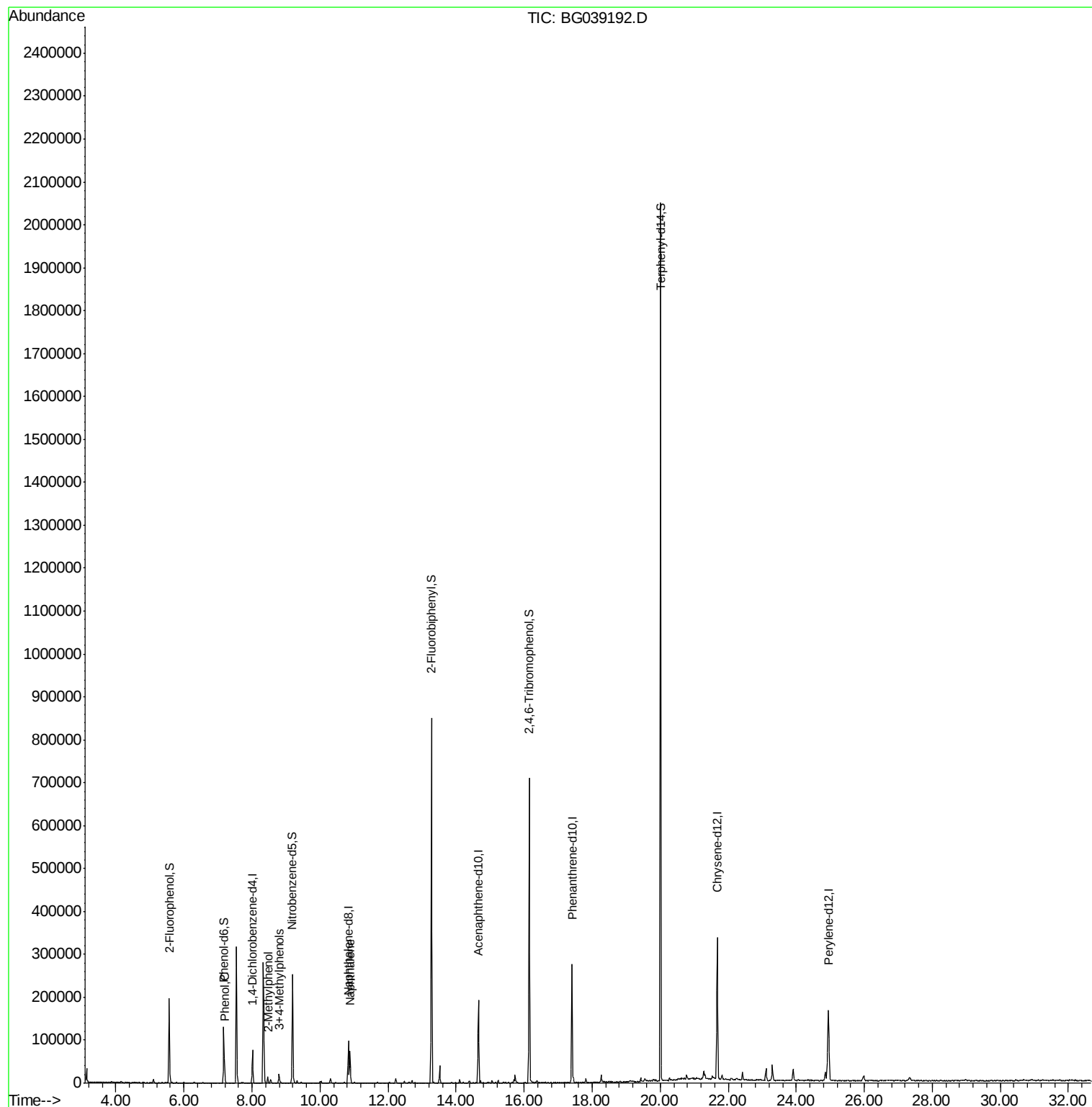
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	23595	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	90193	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	69558	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	187591	20.00	ng	0.00
76) Chrysene-d12	21.68	240	210172	20.00	ng	0.00
87) Perylene-d12	24.94	264	205468	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	92191	74.12	ng	0.00
7) Phenol-d6	7.17	99	75256	42.04	ng	0.00
23) Nitrobenzene-d5	9.19	82	145715	88.40	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	155108	133.03	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	449810	88.50	ng	0.00
79) Terphenyl-d14	20.01	244	962042	84.68	ng	0.00
Target Compounds						
10) Phenol	7.20	94	11205	6.244	ng	91
17) 2-Methylphenol	8.46	107	4952	3.974	ng	94
20) 3+4-Methylphenols	8.79	107	9819	5.527	ng	90
31) Naphthalene	10.88	128	67802	14.989	ng	99

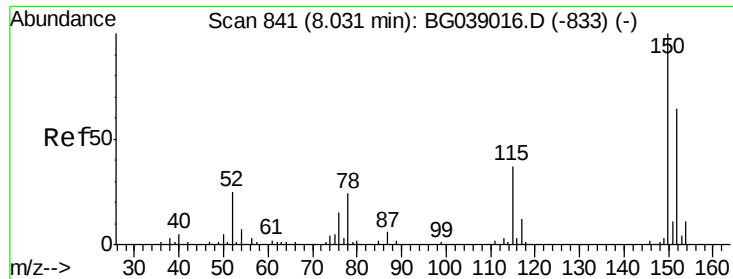
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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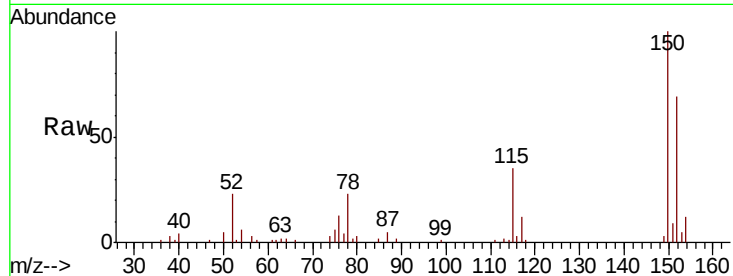


#1

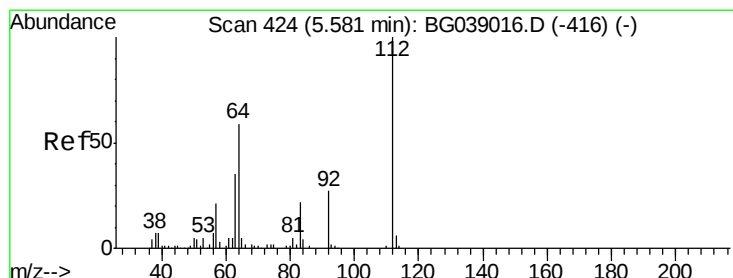
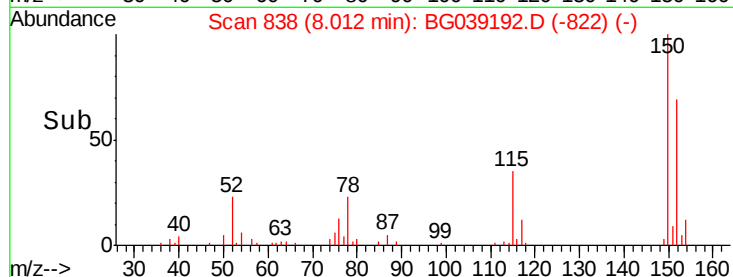
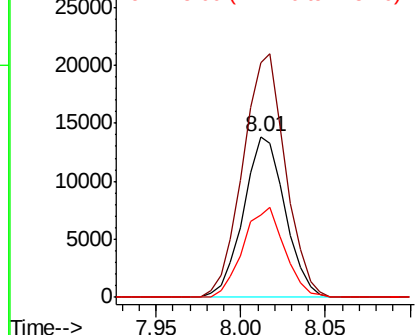
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG039192.D
Acq: 17 Jan 2019 18:40

Instrument :
BNA_G
ClientSampleId :
SW001-190114-01

Tot Ion:152 Resp: 23595
Ion Ratio Lower Upper
152 100
150 145.7 124.7 187.1
115 51.1 46.5 69.7



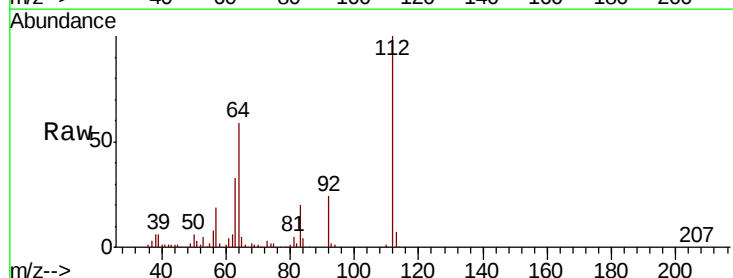
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



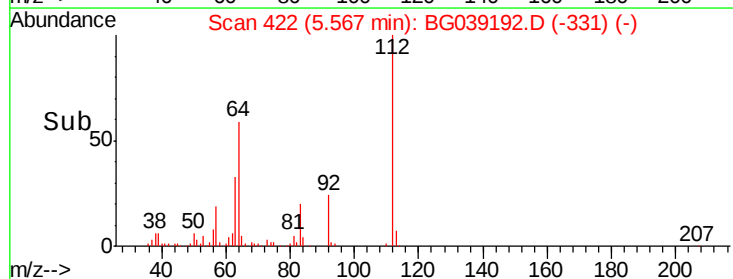
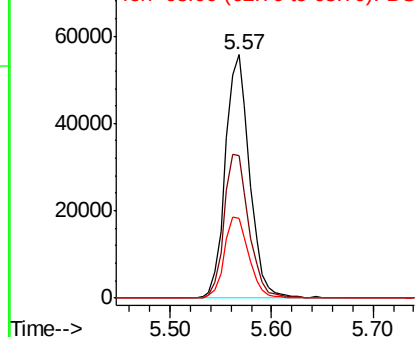
#5

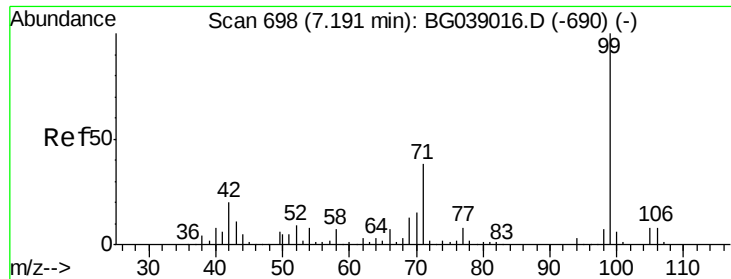
2-Fluorophenol
Concen: 74.119 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG039192.D
Acq: 17 Jan 2019 18:40

Tgt Ion:112 Resp: 92191
Ion Ratio Lower Upper
112 100
64 58.6 47.0 70.6
63 32.7 28.0 42.0



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: 42.042 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039192.D

Acq: 17 Jan 2019 18:40

Instrument :

BNA_G

ClientSampleId :

SW001-190114-01

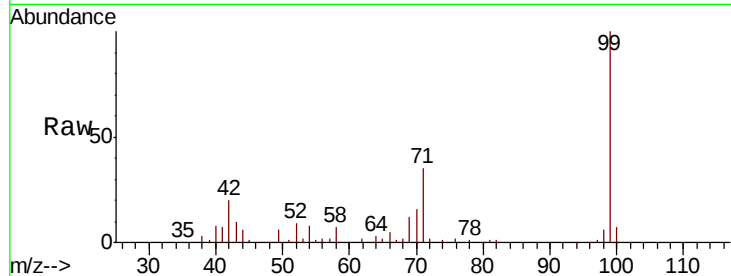
Tot Ion: 99 Resp: 75256

Ion Ratio Lower Upper

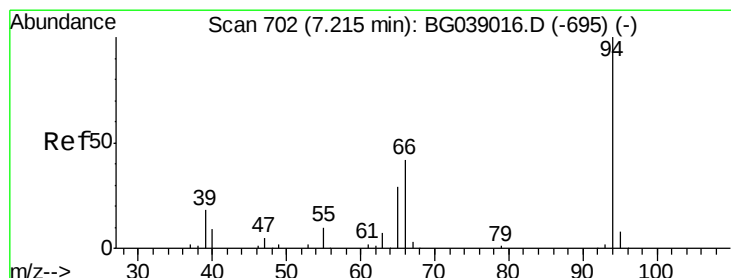
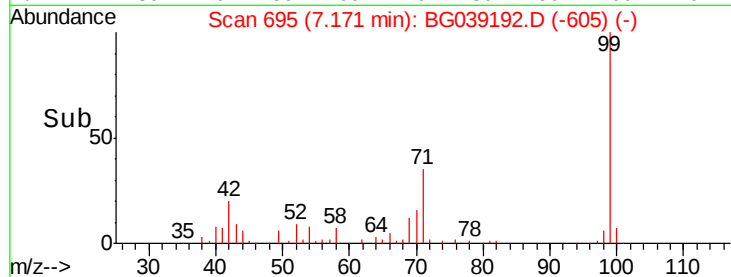
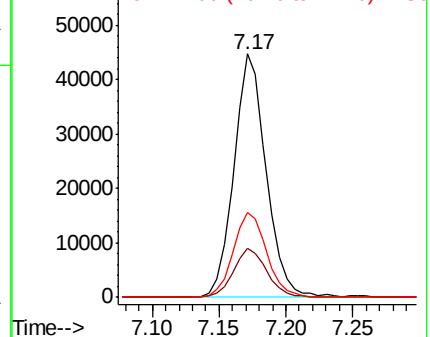
99 100

42 20.2 15.8 23.6

71 35.1 30.2 45.4



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: 6.244 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG039192.D

Acq: 17 Jan 2019 18:40

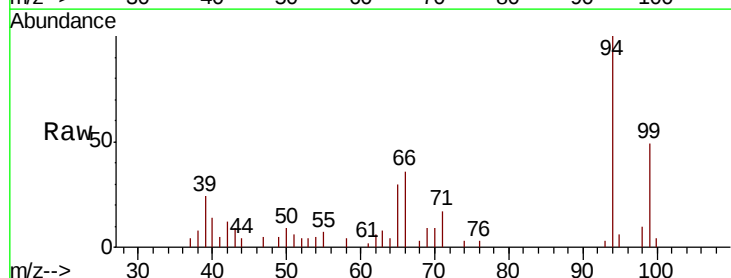
Tgt Ion: 94 Resp: 11205

Ion Ratio Lower Upper

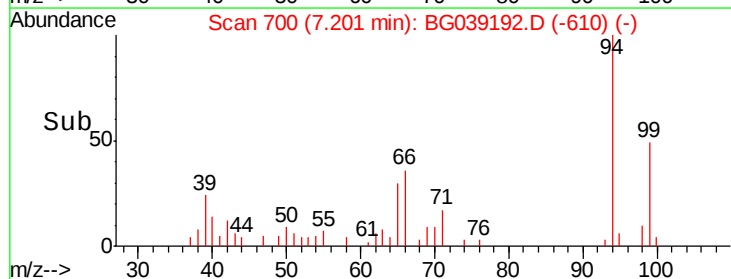
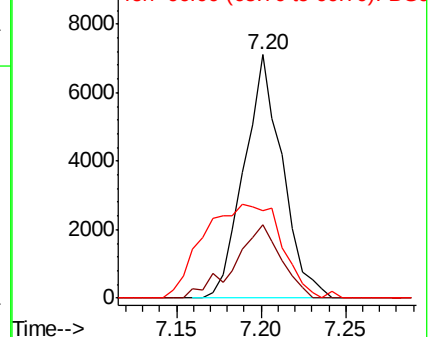
94 100

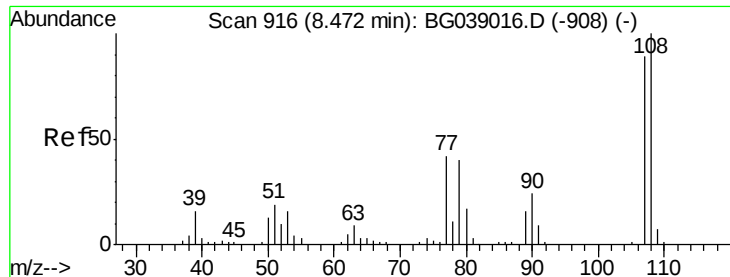
65 30.4 10.3 50.3

66 35.7 25.1 65.1



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

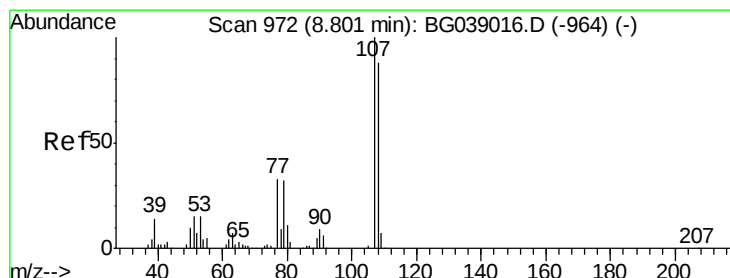
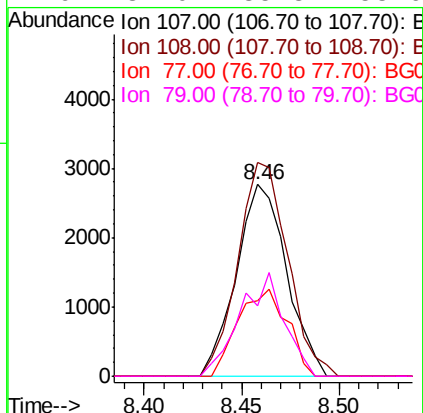
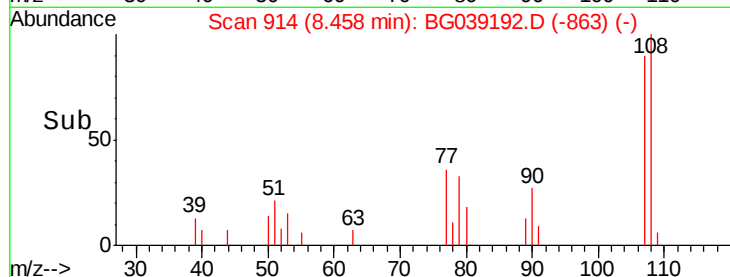
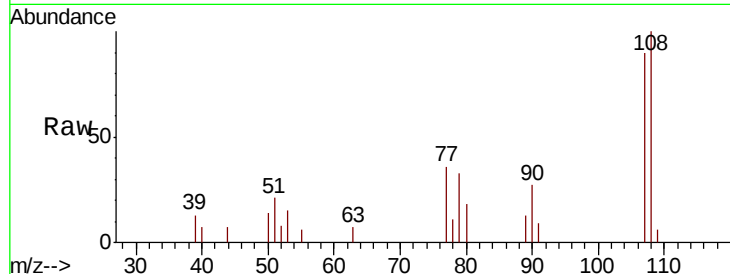




#17
2-Methylphenol
Concen: 3.974 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG039192.D
Acq: 17 Jan 2019 18:40

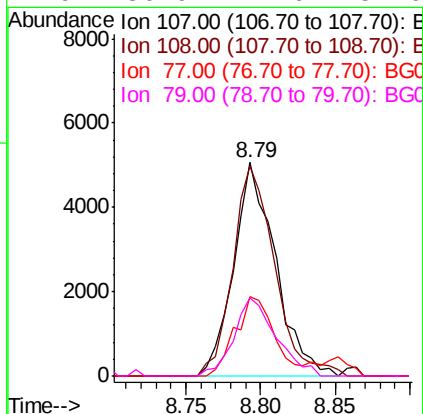
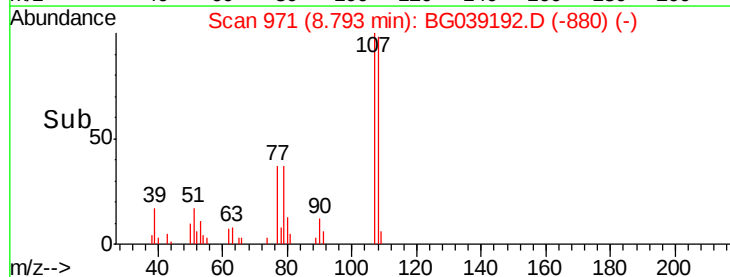
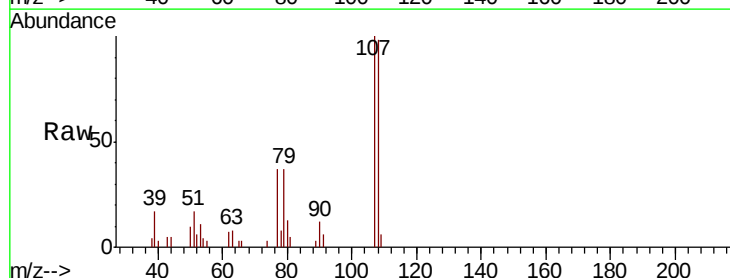
Instrument :
BNA_G
ClientSampleId :
SW001-190114-01

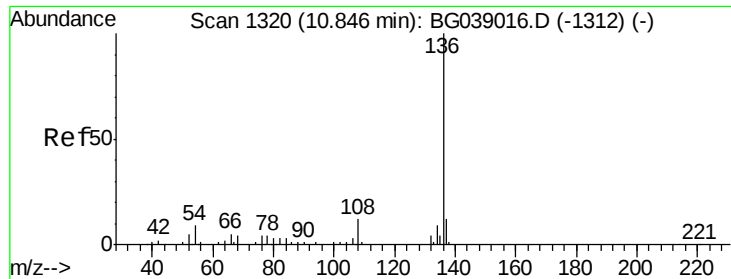
Tot Ion:107 Resp: 4952
Ion Ratio Lower Upper
107 100
108 111.5 90.3 135.5
77 39.7 38.3 57.5
79 37.0 35.8 53.6



#20
3+4-Methylphenols
Concen: 5.527 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG039192.D
Acq: 17 Jan 2019 18:40

Tgt Ion:107 Resp: 9819
Ion Ratio Lower Upper
107 100
108 98.4 68.4 108.4
77 37.0 13.3 53.3
79 36.9 11.6 51.6

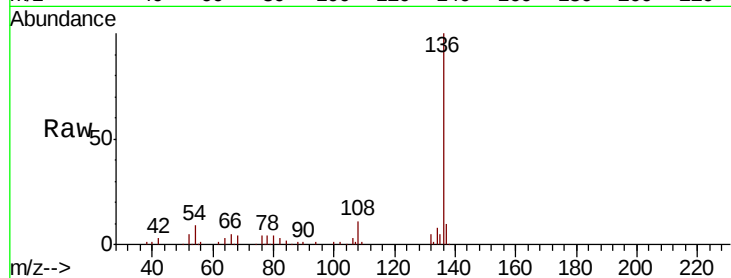




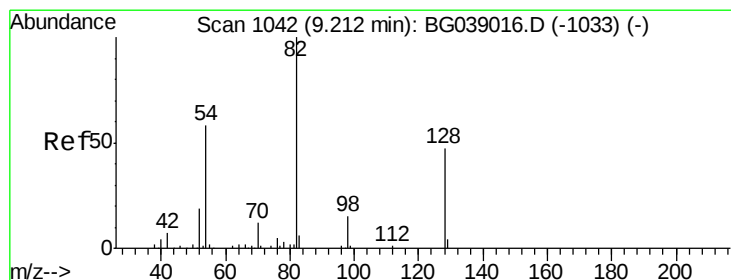
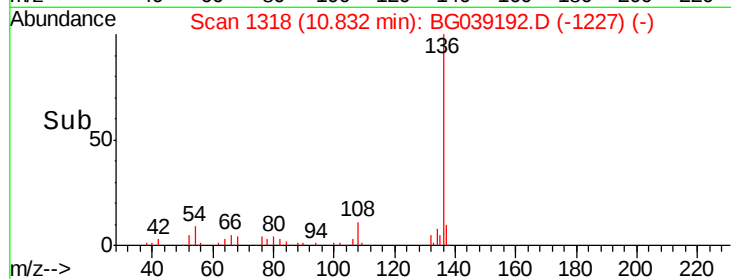
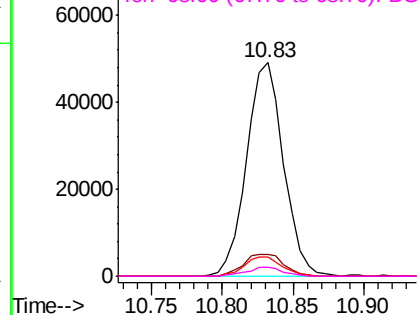
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG039192.D
Acq: 17 Jan 2019 18:40

Instrument :
BNA_G
ClientSampleId :
SW001-190114-01

Tot Ion:136	Resp:	90193
Ion	Ratio	Lower Upper
136	100	
137	10.4	9.4 14.2
54	8.8	7.2 10.8
68	3.9	3.5 5.3

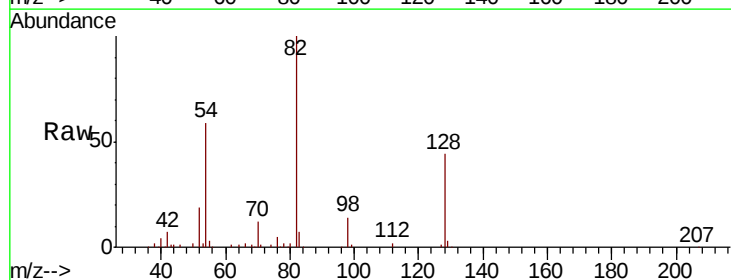


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

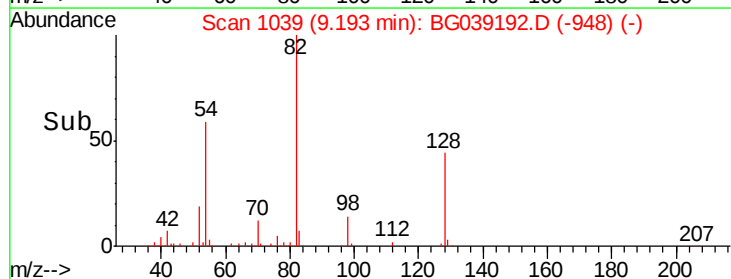
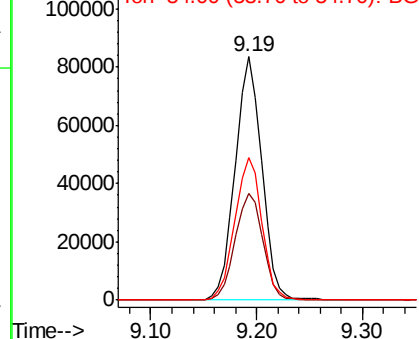


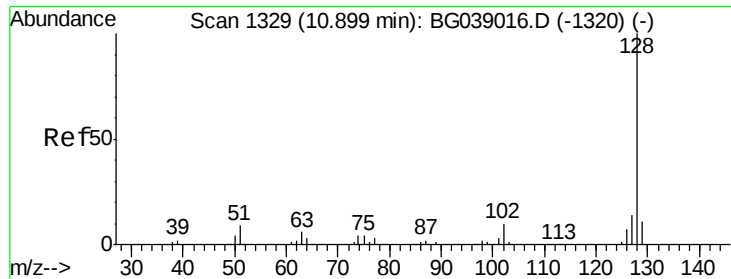
#23
Nitrobenzene-d5
Concen: 88.404 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG039192.D
Acq: 17 Jan 2019 18:40

Tgt Ion: 82	Resp:	145715
Ion	Ratio	Lower Upper
82	100	
128	43.6	37.3 55.9
54	58.7	46.4 69.6



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





#31

Naphthalene

Concen: 14.989 ng

RT: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG039192.D

Acq: 17 Jan 2019 18:40

Instrument :

BNA_G

ClientSampleId :

SW001-190114-01

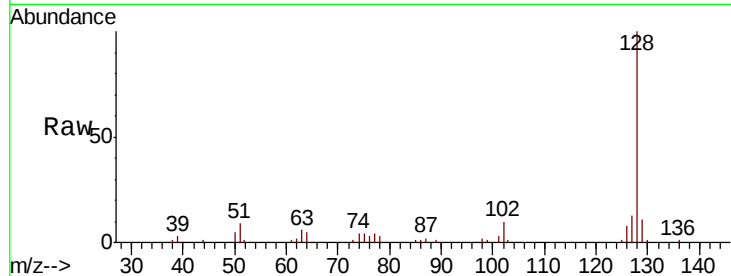
Tot Ion:128 Resp: 67802

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

127 13.0 11.2 16.8

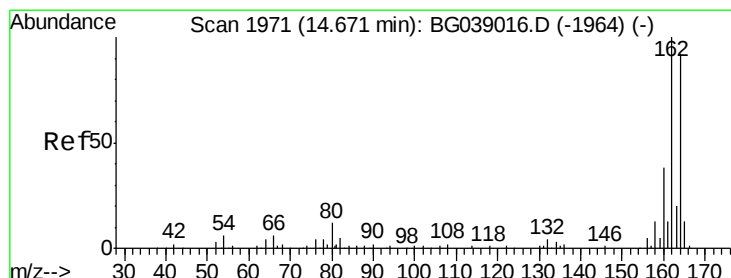
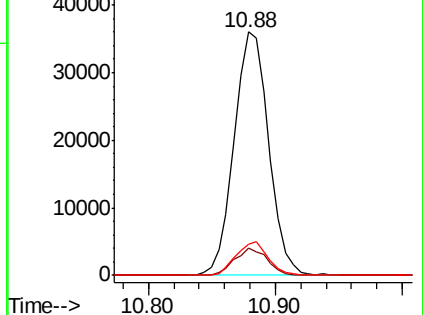
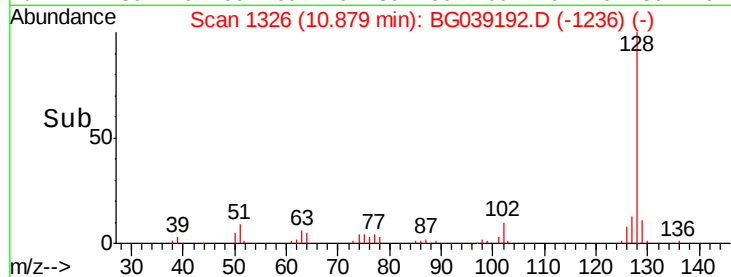


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG039192.D

Acq: 17 Jan 2019 18:40

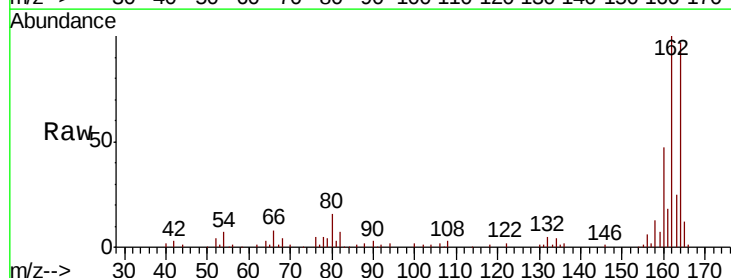
Tgt Ion:164 Resp: 69558

Ion Ratio Lower Upper

164 100

162 103.4 87.2 130.8

160 48.6 33.3 49.9

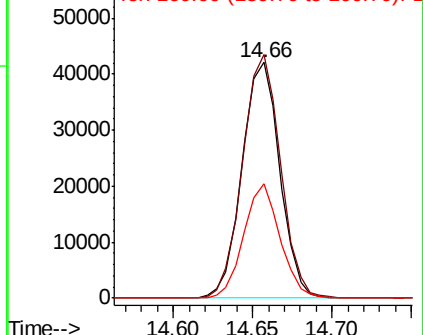
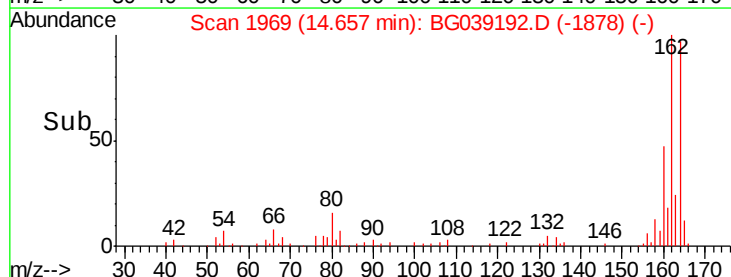


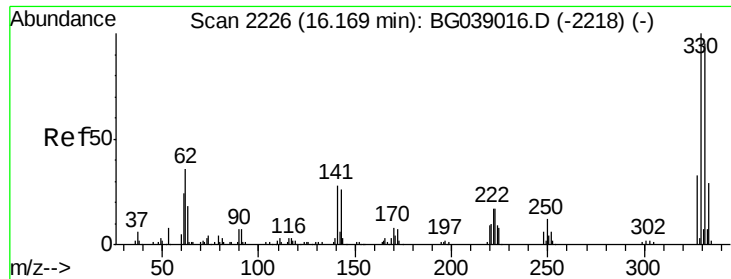
Abundance

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

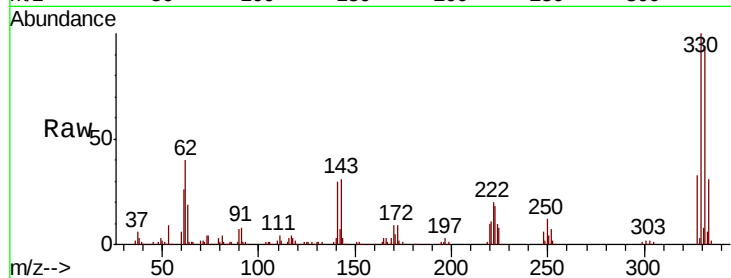




#42
 2,4,6-Tribromophenol
 Concen: 133.028 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BG039192.D
 Acq: 17 Jan 2019 18:40

Instrument :
 BNA_G
 ClientSampleId :
 SW001-190114-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.7	113.5
141	31.8	24.9	37.3

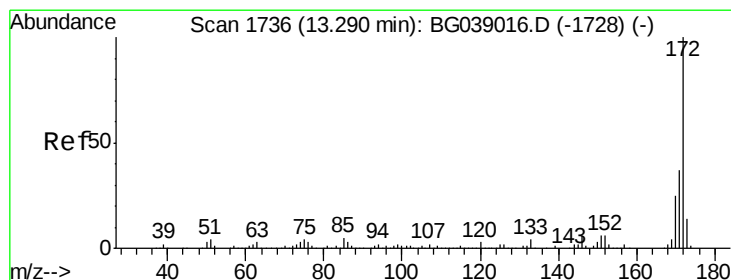
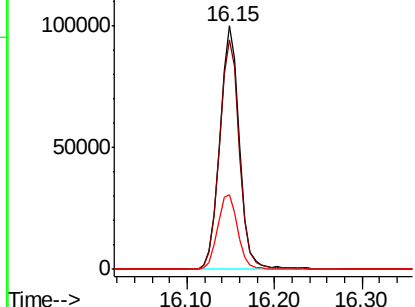
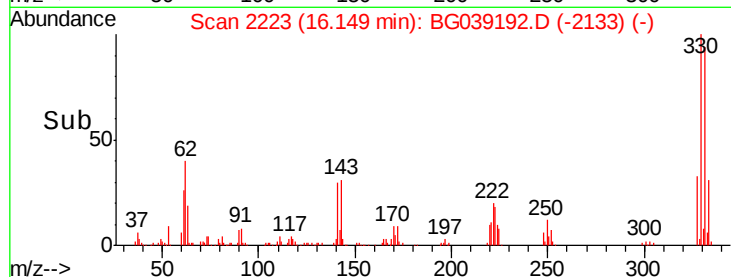


Abundance

Ion 329.80 (329.50 to 330.50): E

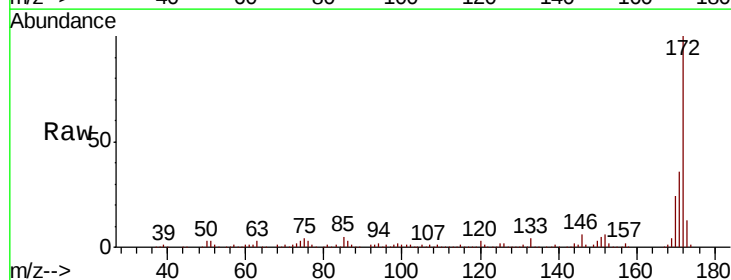
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.501 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. 0.00 min
 Lab File: BG039192.D
 Acq: 17 Jan 2019 18:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.2	20.1	30.1

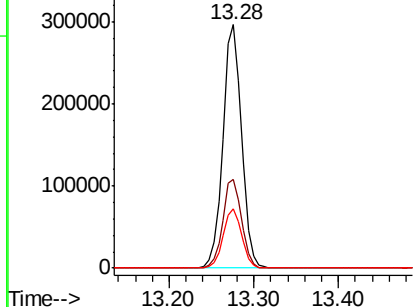
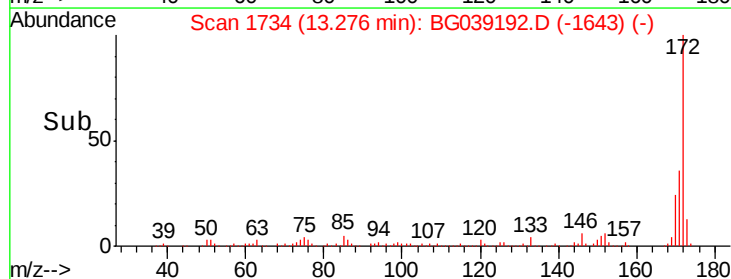


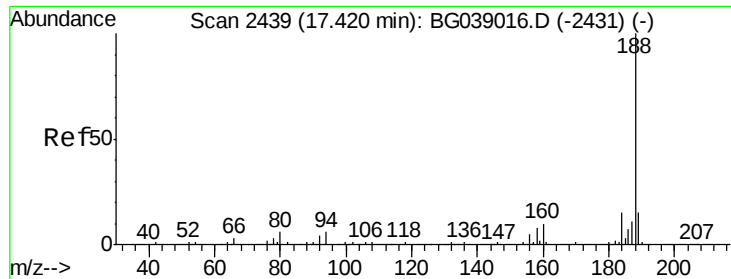
Abundance

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

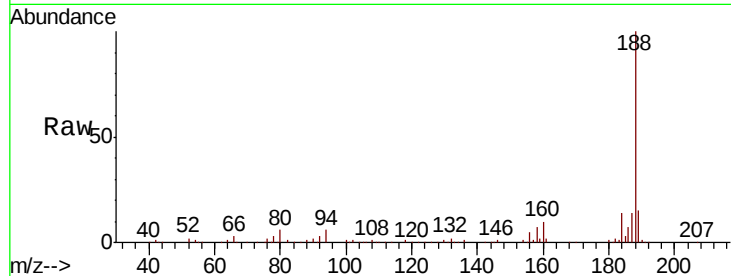




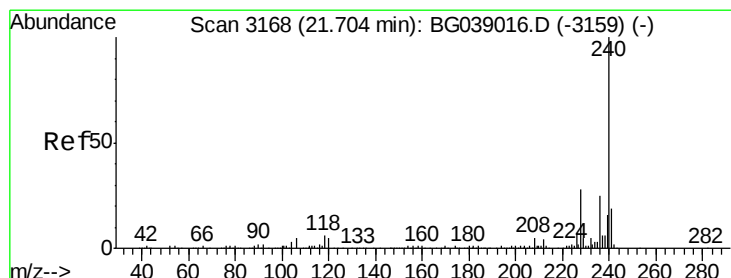
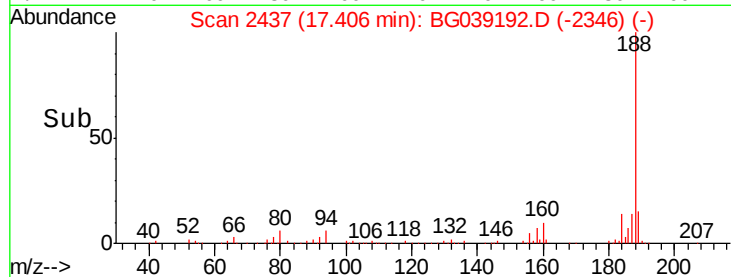
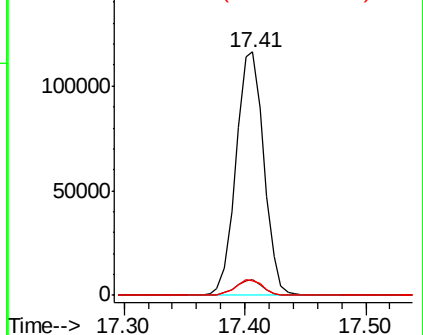
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG039192.D
Acq: 17 Jan 2019 18:40

Instrument :
BNA_G
ClientSampleId :
SW001-190114-01

Tot Ion:188 Resp: 187591
Ion Ratio Lower Upper
188 100
94 6.4 5.0 7.4
80 6.0 4.7 7.1

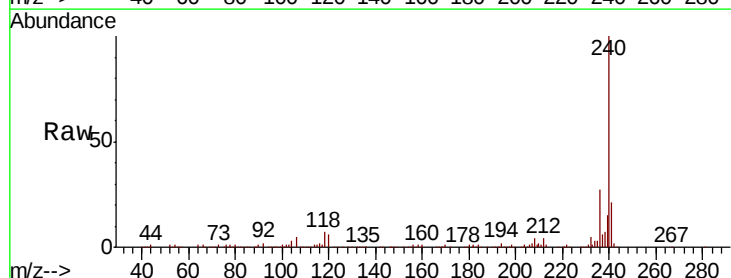


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

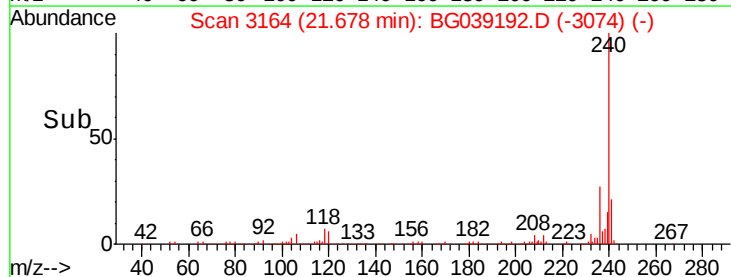
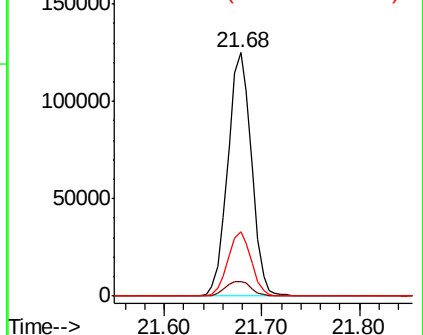


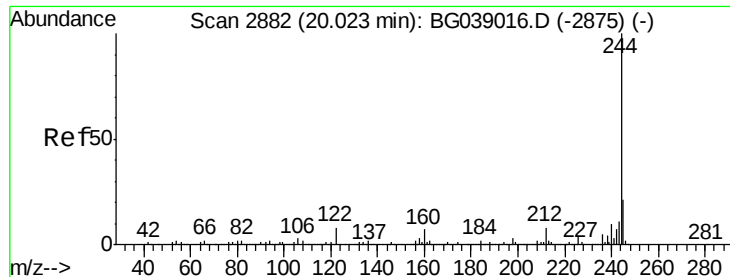
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG039192.D
Acq: 17 Jan 2019 18:40

Tgt Ion:240 Resp: 210172
Ion Ratio Lower Upper
240 100
120 6.1 4.3 6.5
236 26.6 20.1 30.1



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: 84.677 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG039192.D

Acq: 17 Jan 2019 18:40

Instrument :

BNA_G

ClientSampleId :

SW001-190114-01

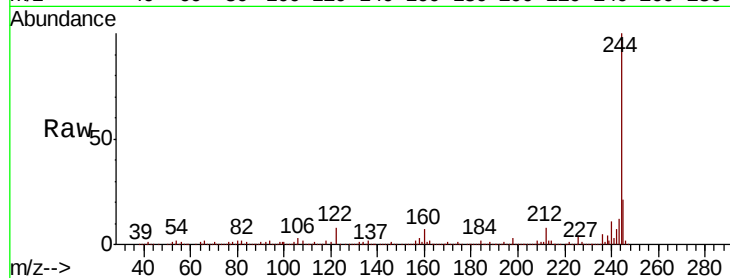
Tot Ion:244 Resp: 962042

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

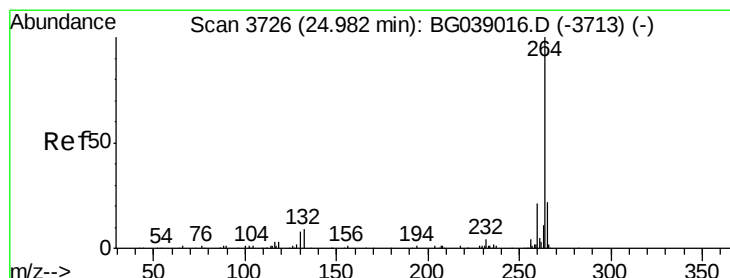
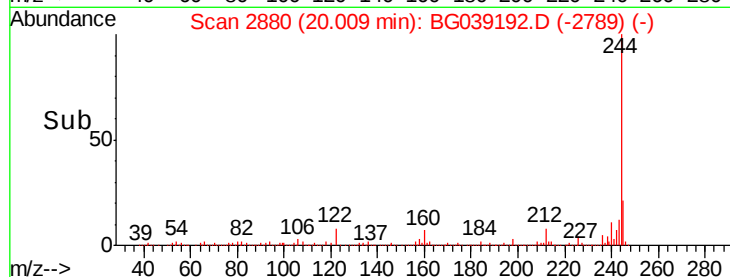
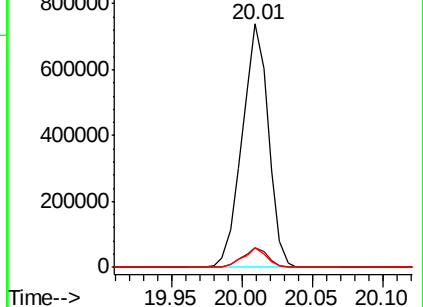
122 8.1 6.1 9.1



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: 24.94 min Scan# 3719

Delta R.T. -0.01 min

Lab File: BG039192.D

Acq: 17 Jan 2019 18:40

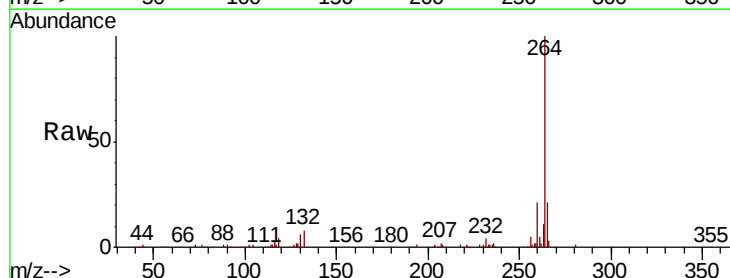
Tgt Ion:264 Resp: 205468

Ion Ratio Lower Upper

264 100

260 21.2 17.0 25.6

265 21.4 17.2 25.8



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

