

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
 Data File : BG039126.D
 Acq On : 14 Jan 2019 18:30
 Operator : JU/SJ
 Sample : K1127-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Jan 14 23:10:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

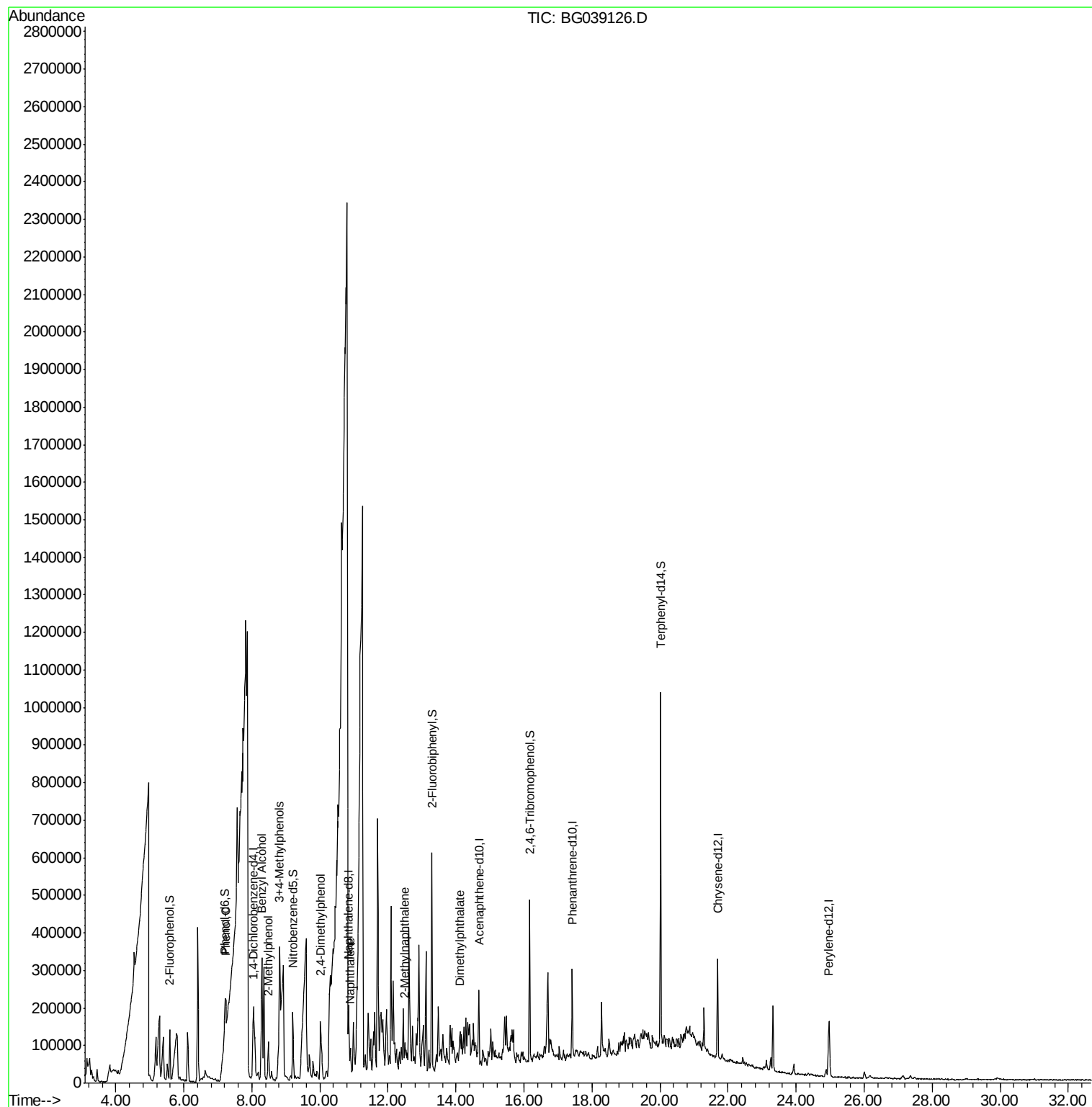
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	29945	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	118719	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	67751	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	153831	20.00	ng	0.00
76) Chrysene-d12	21.69	240	166900	20.00	ng	-0.01
87) Perylene-d12	24.97	264	183413	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	66485	42.12	ng	0.00
7) Phenol-d6	7.20	99	63693	28.04	ng	0.01
23) Nitrobenzene-d5	9.21	82	102525	47.26	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	90848	79.99	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	272653	55.08	ng	0.00
79) Terphenyl-d14	20.02	244	482245	53.45	ng	0.00
Target Compounds						
10) Phenol	7.23	94	42410	18.620	ng	Qvalue 96
15) Benzyl Alcohol	8.29	79	50473	29.502	ng	99
17) 2-Methylphenol	8.48	107	14253	9.012	ng	98
20) 3+4-Methylphenols	8.81	107	113386	50.286	ng	97
27) 2,4-Dimethylphenol	10.02	122	74073	44.388	ng	92
31) Naphthalene	10.89	128	48112	8.080	ng	96
37) 2-Methylnaphthalene	12.50	142	11905	2.667	ng	# 90
50) Dimethylphthalate	14.13	163	36650	6.401	ng	# 95

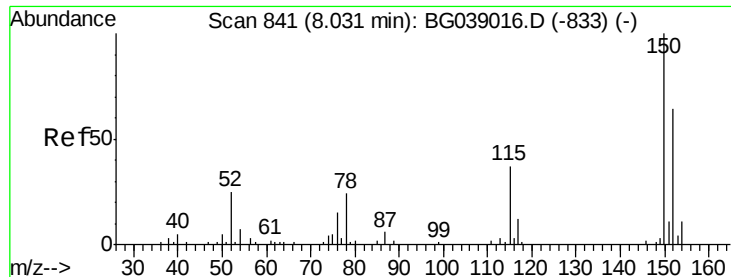
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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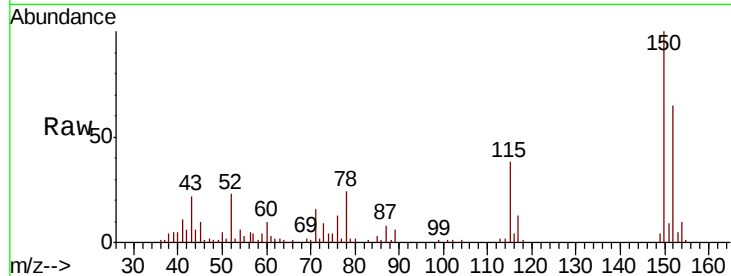


#1

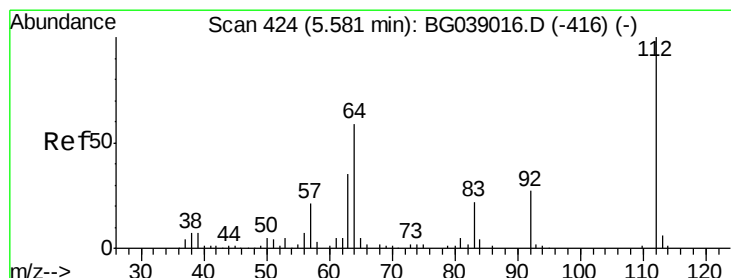
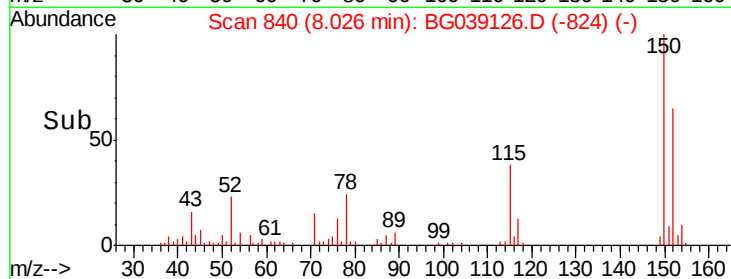
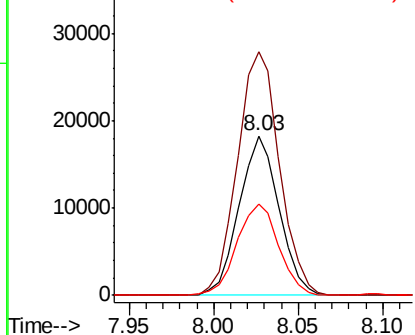
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG039126.D
Acq: 14 Jan 2019 18:30

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tot Ion:152 Resp: 29945
Ion Ratio Lower Upper
152 100
150 152.9 124.7 187.1
115 57.6 46.5 69.7



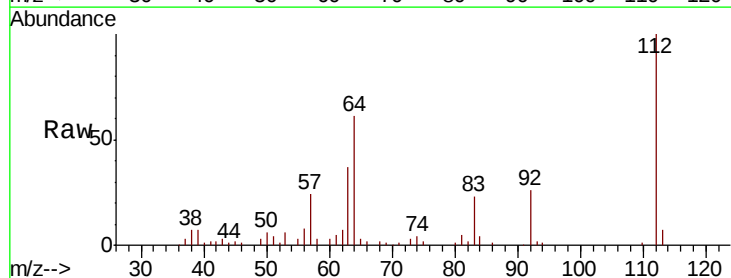
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



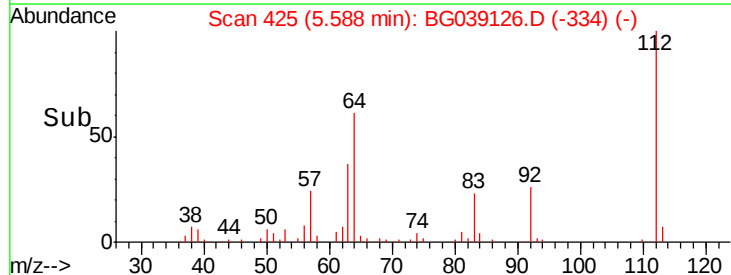
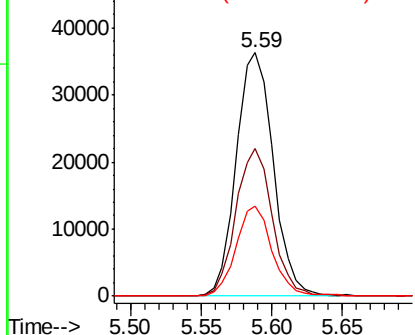
#5

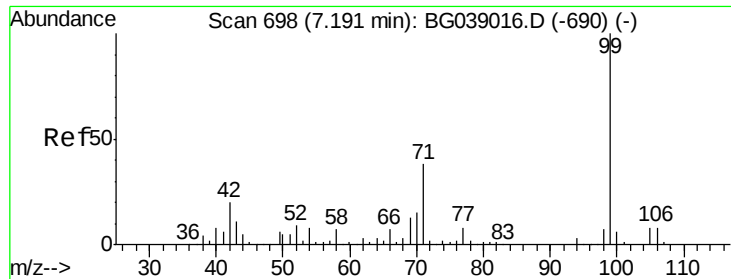
2-Fluorophenol
Concen: 42.118 ng
RT: 5.59 min Scan# 425
Delta R.T. 0.01 min
Lab File: BG039126.D
Acq: 14 Jan 2019 18:30

Tgt Ion:112 Resp: 66485
Ion Ratio Lower Upper
112 100
64 60.8 47.0 70.6
63 36.8 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: 28.037 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG039126.D

Acq: 14 Jan 2019 18:30

Instrument :

BNA_G

ClientSampleId :

COMP-1

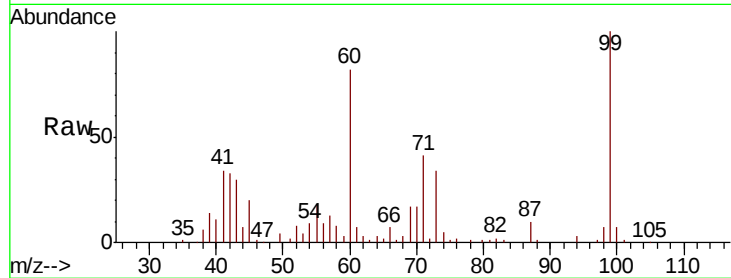
Tot Ion: 99 Resp: 63693

Ion Ratio Lower Upper

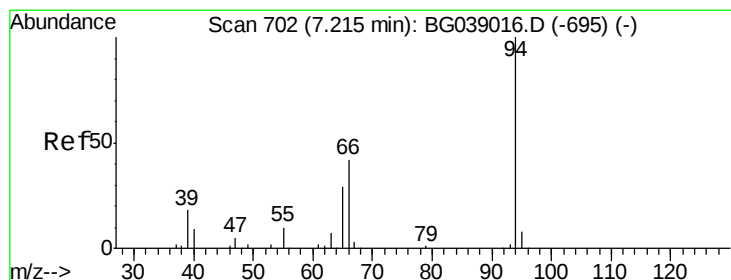
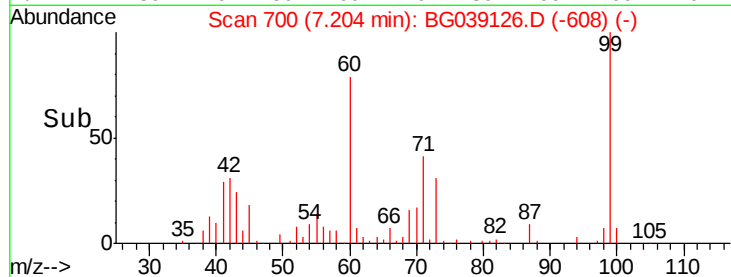
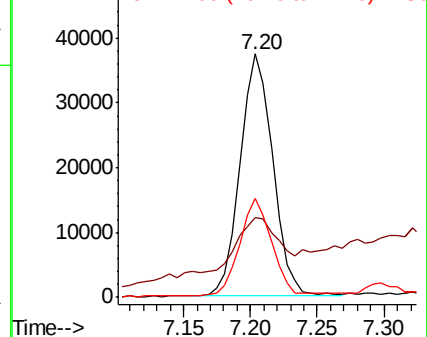
99 100

42 32.5 15.8 23.6#

71 40.9 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: 18.620 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.02 min

Lab File: BG039126.D

Acq: 14 Jan 2019 18:30

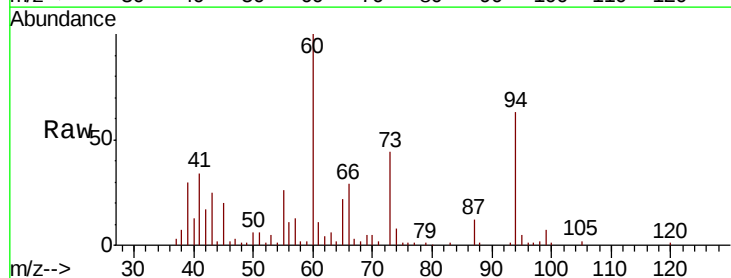
Tgt Ion: 94 Resp: 42410

Ion Ratio Lower Upper

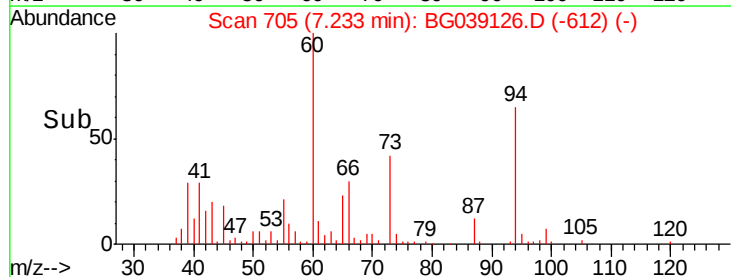
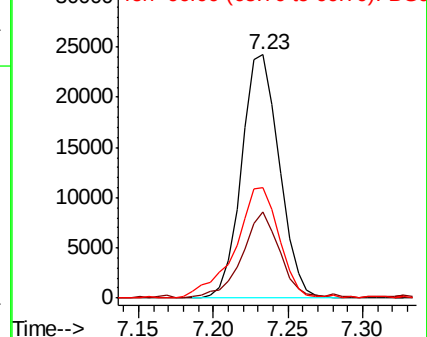
94 100

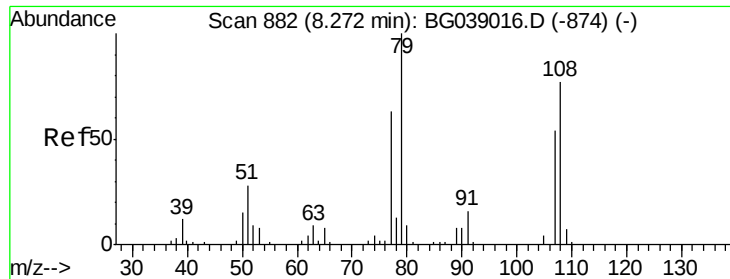
65 35.3 10.3 50.3

66 45.6 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





#15

Benzyl Alcohol

Concen: 29.502 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.02 min

Lab File: BG039126.D

Acq: 14 Jan 2019 18:30

Instrument :

BNA_G

ClientSampleId :

COMP-1

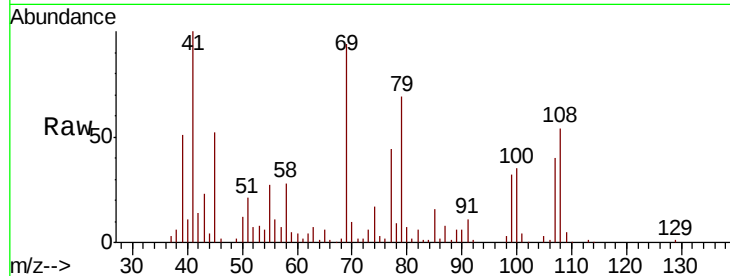
Tot Ion: 79 Resp: 50473

Ion Ratio Lower Upper

79 100

108 77.1 62.0 93.0

77 63.5 50.1 75.1

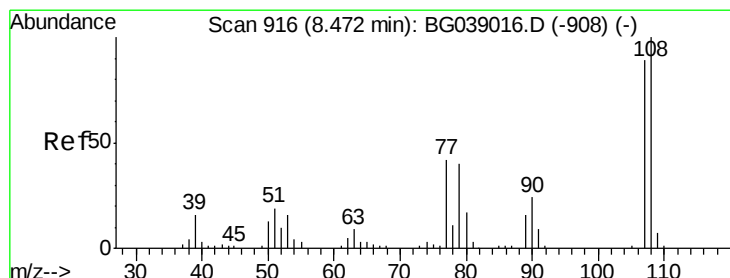
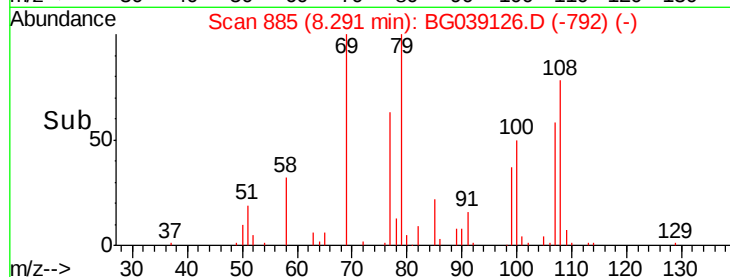
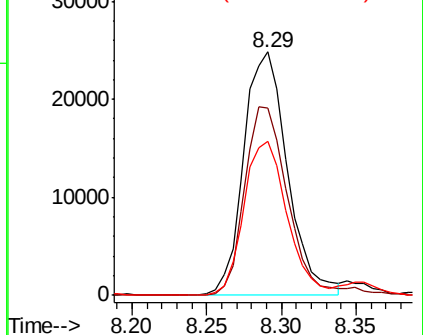


Abundance

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



#17

2-Methylphenol

Concen: 9.012 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.01 min

Lab File: BG039126.D

Acq: 14 Jan 2019 18:30

Tgt Ion: 107 Resp: 14253

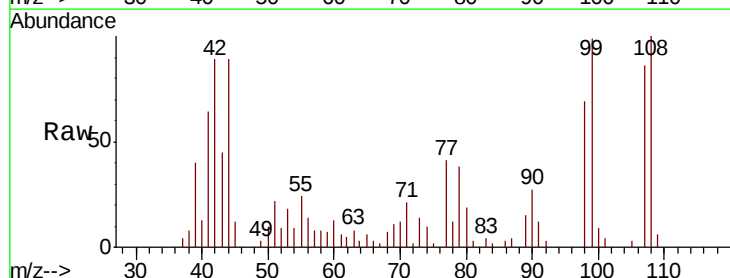
Ion Ratio Lower Upper

107 100

108 116.0 90.3 135.5

77 47.6 38.3 57.5

79 44.6 35.8 53.6



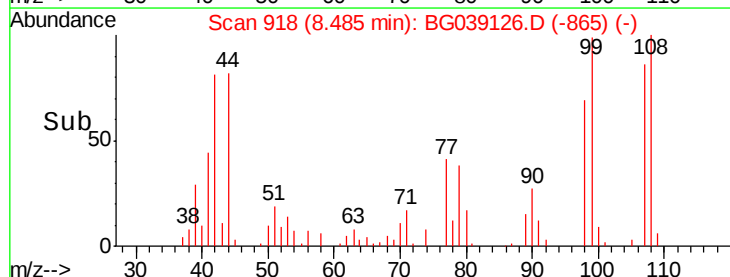
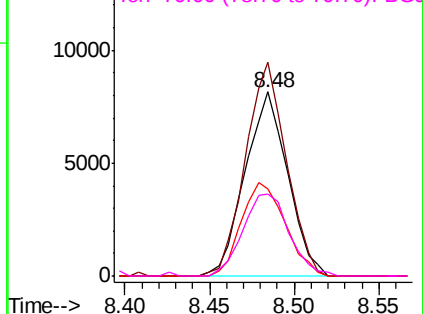
Abundance

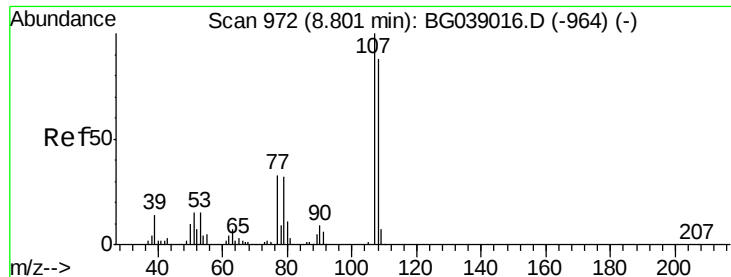
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#20

3+4-Methylphenols

Concen: 50.286 ng

RT: 8.81 min Scan# 974

Delta R.T. 0.01 min

Lab File: BG039126.D

Acq: 14 Jan 2019 18:30

Instrument :

BNA_G

ClientSampleId :

COMP-1

Tot Ion:107 Resp: 113386

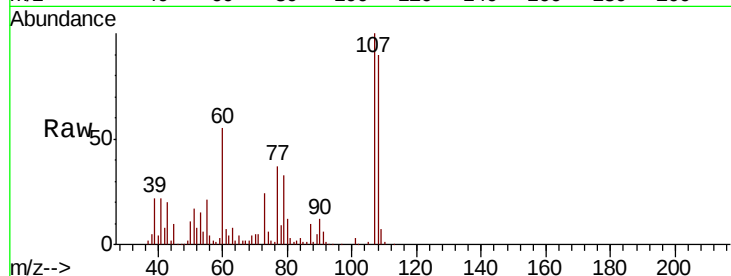
Ion Ratio Lower Upper

107 100

108 89.8 68.4 108.4

77 36.7 13.3 53.3

79 33.0 11.6 51.6

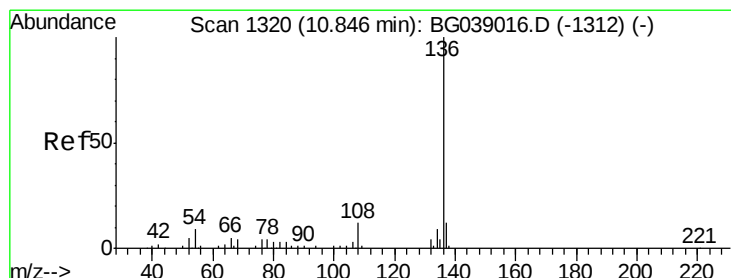
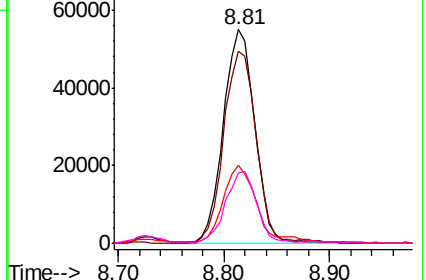
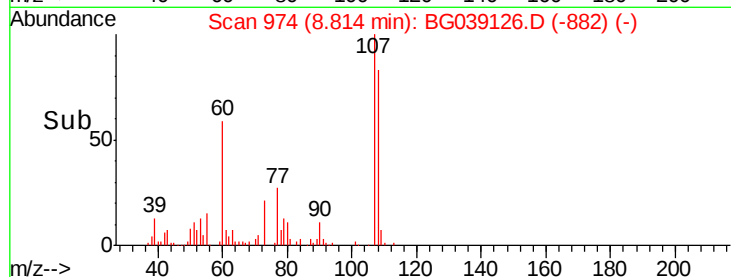


Abundance Ion 107.00 (106.70 to 107.70): E

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: 10.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BG039126.D

Acq: 14 Jan 2019 18:30

Tgt Ion:136 Resp: 118719

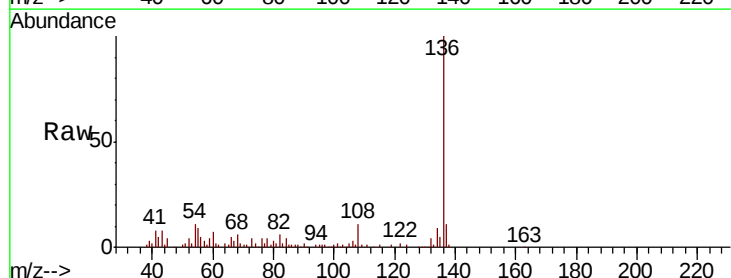
Ion Ratio Lower Upper

136 100

137 11.4 9.4 14.2

54 10.8 7.2 10.8#

68 5.7 3.5 5.3#

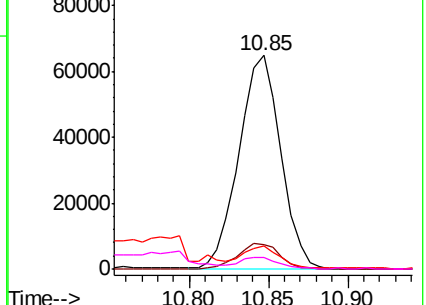
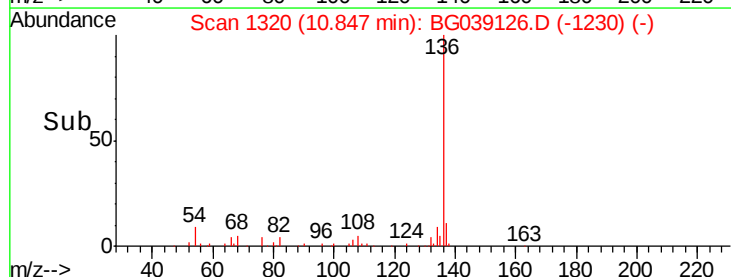


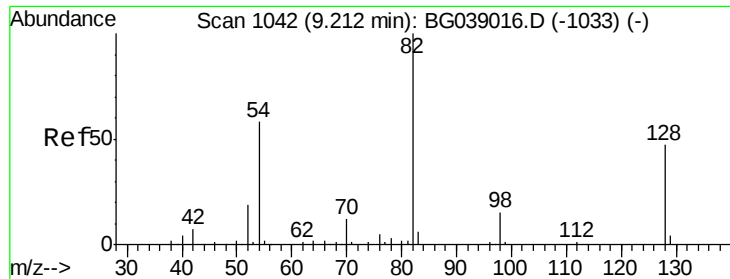
Abundance Ion 136.00 (135.70 to 136.70): E

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

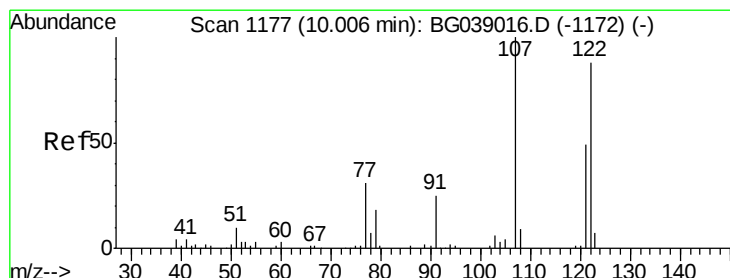
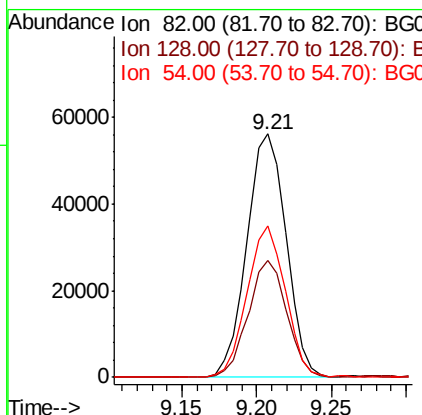
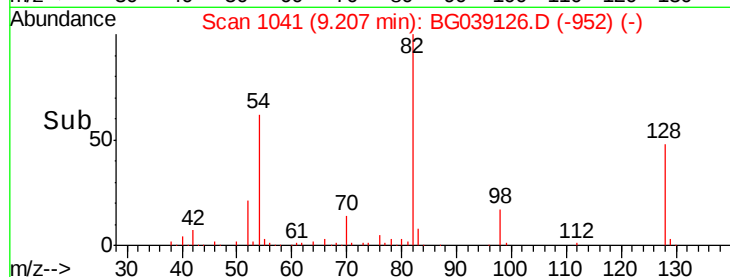
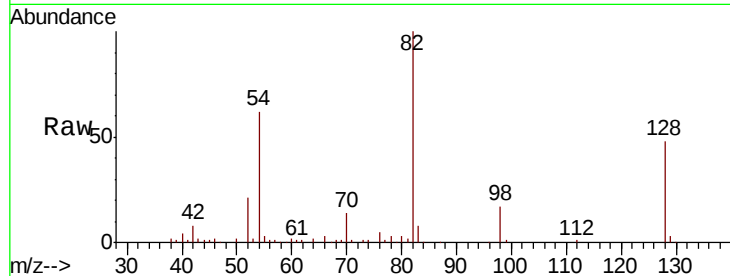




#23
 Nitrobenzene-d5
 Concen: 47.255 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG039126.D
 Acq: 14 Jan 2019 18:30

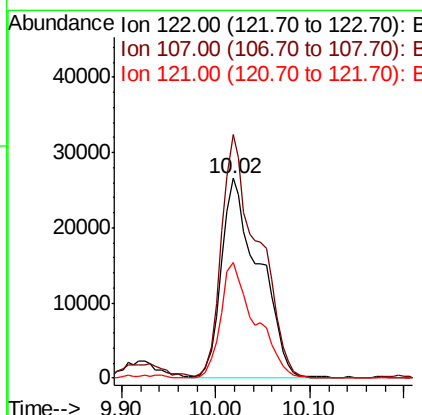
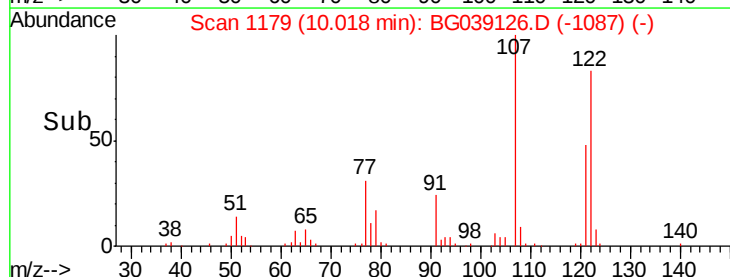
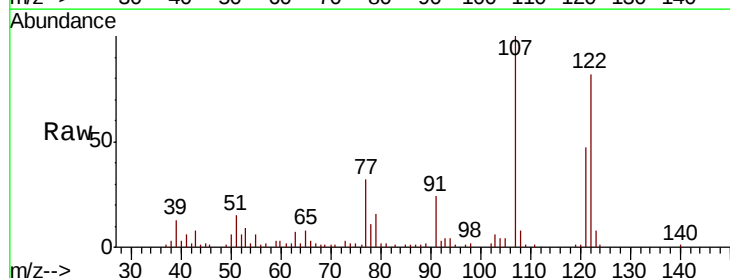
Instrument :
 BNA_G
 ClientSampled :
 COMP-1

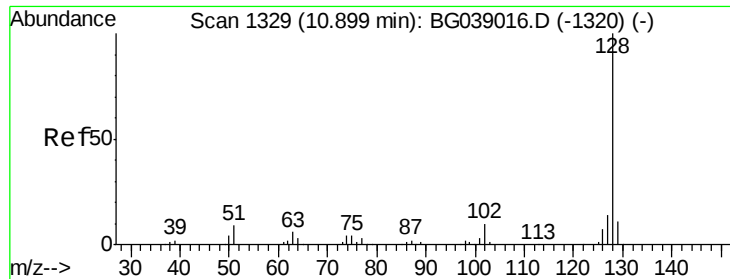
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.3	55.9
54	62.2	46.4	69.6



#27
 2,4-Dimethylphenol
 Concen: 44.388 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BG039126.D
 Acq: 14 Jan 2019 18:30

Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.8	88.8	133.2
121	57.6	43.1	64.7

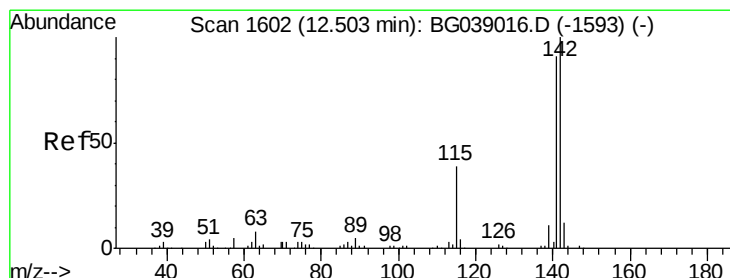
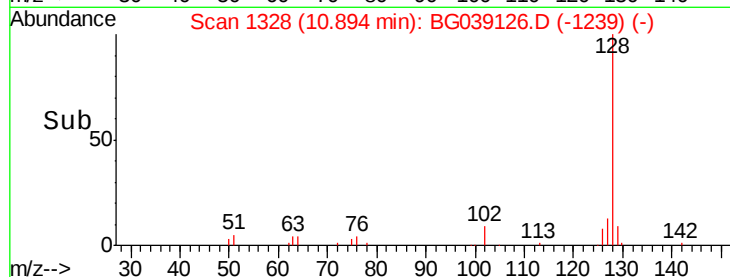
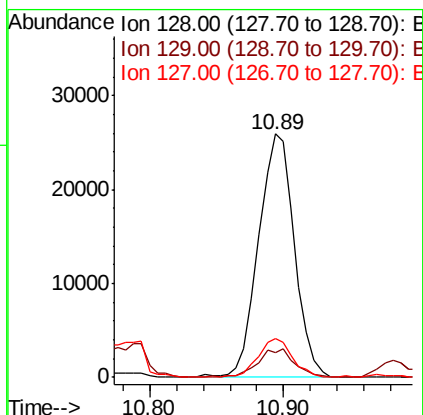
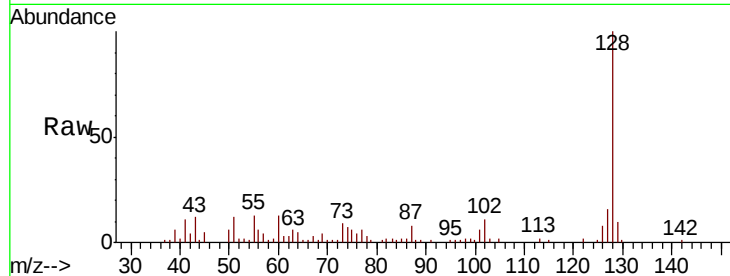




#31
Naphthalene
Concen: 8.080 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG039126.D
Acq: 14 Jan 2019 18:30

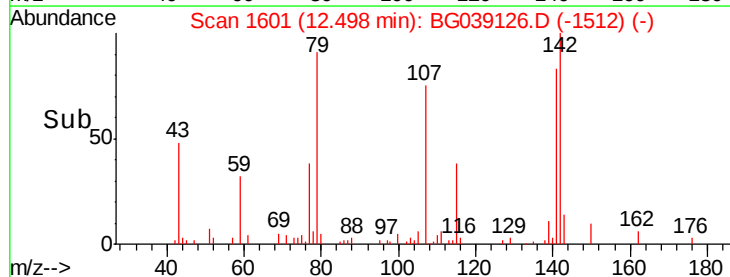
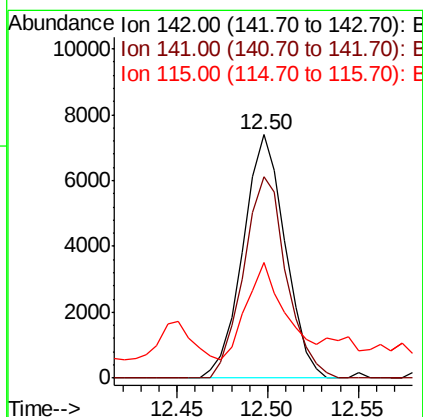
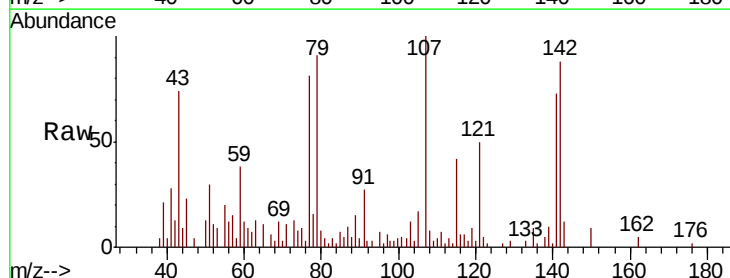
Instrument :
BNA_G
ClientSampleId :
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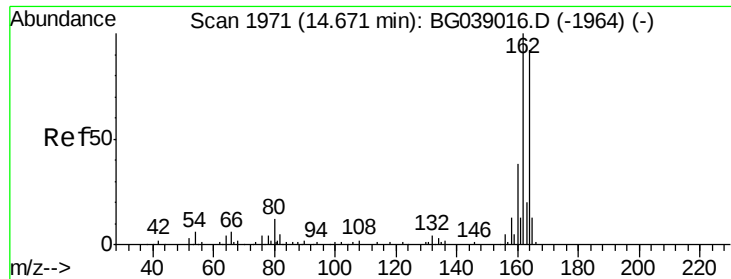
Tot Ion:128 Resp: 48112
Ion Ratio Lower Upper
128 100
129 10.2 9.1 13.7
127 15.7 11.2 16.8



#37
2-Methylnaphthalene
Concen: 2.667 ng
RT: 12.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BG039126.D
Acq: 14 Jan 2019 18:30

Tgt Ion:142 Resp: 11905
Ion Ratio Lower Upper
142 100
141 82.8 72.6 109.0
115 47.7 31.1 46.7#

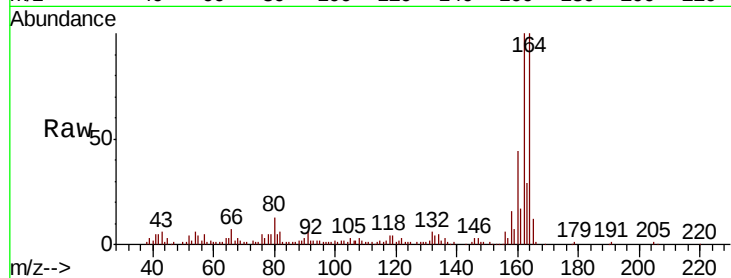




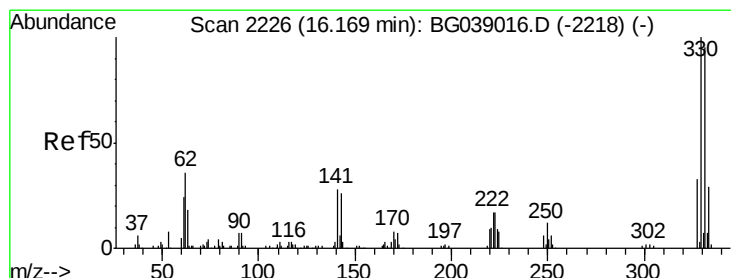
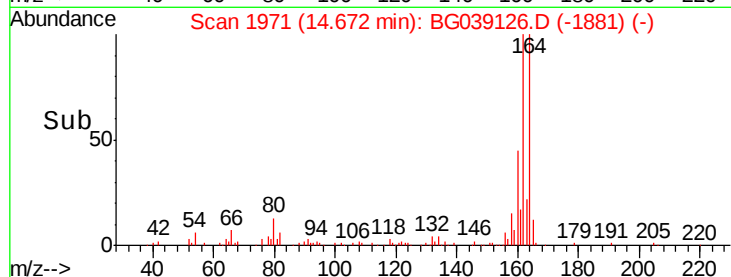
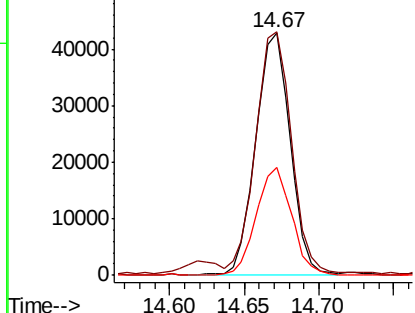
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG039126.D
Acq: 14 Jan 2019 18:30

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tot Ion:164 Resp: 67751
Ion Ratio Lower Upper
164 100
162 100.3 87.2 130.8
160 44.6 33.3 49.9

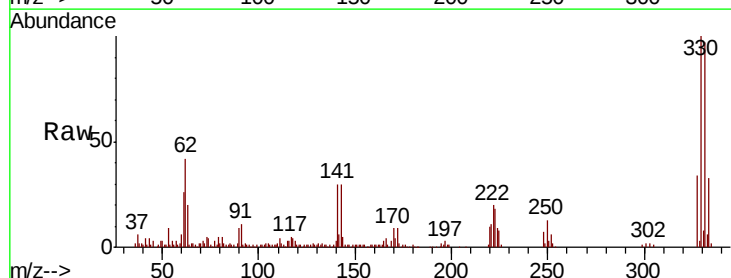


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

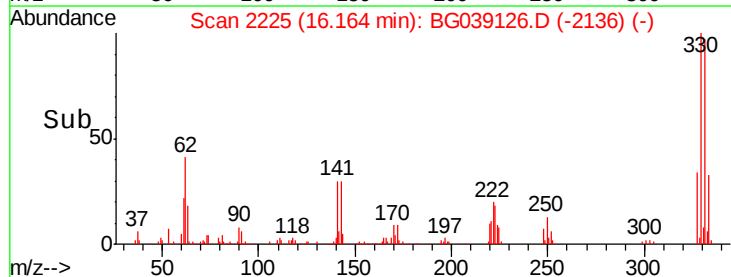
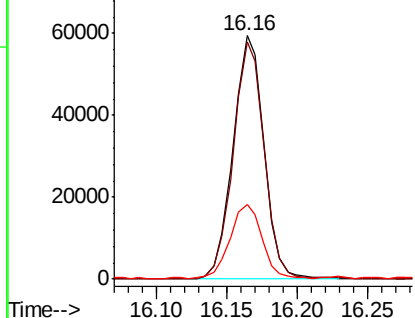


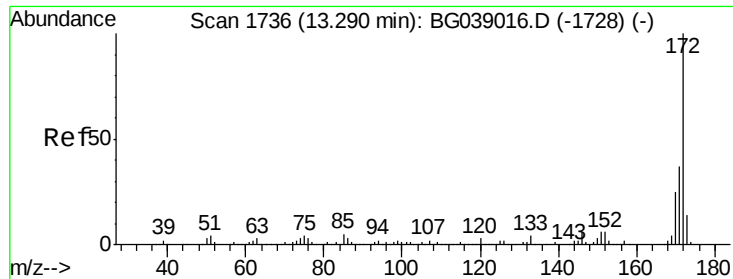
#42
2,4,6-Tribromophenol
Concen: 79.993 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BG039126.D
Acq: 14 Jan 2019 18:30

Tgt Ion:330 Resp: 90848
Ion Ratio Lower Upper
330 100
332 98.0 75.7 113.5
141 31.2 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

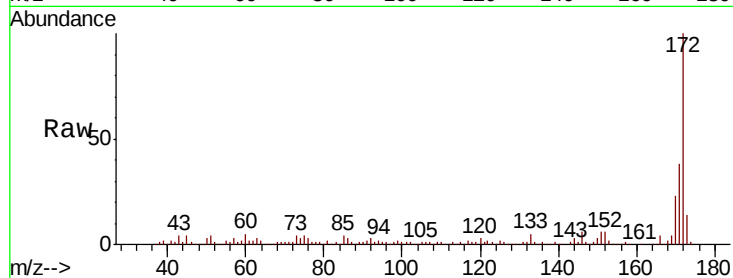




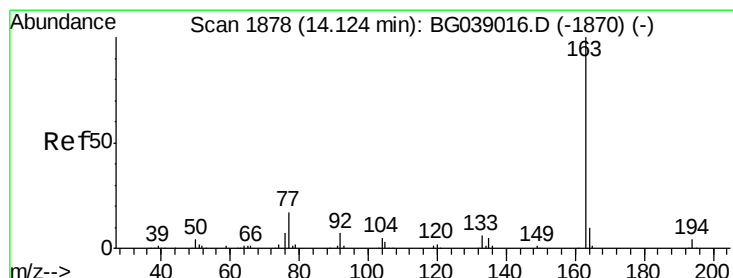
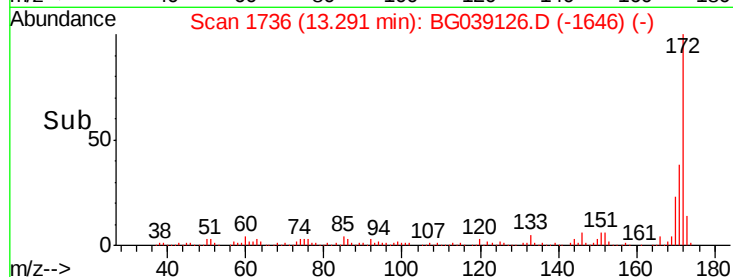
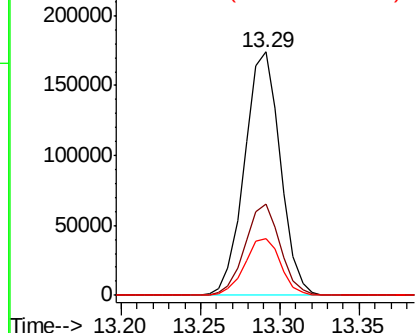
#45
2-Fluorobiphenyl
Concen: 55.076 ng
RT: 13.29 min Scan# 1736
Delta R.T. 0.00 min
Lab File: BG039126.D
Acq: 14 Jan 2019 18:30

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tot Ion:172 Resp: 272653
Ion Ratio Lower Upper
172 100
171 37.6 29.4 44.0
170 23.3 20.1 30.1

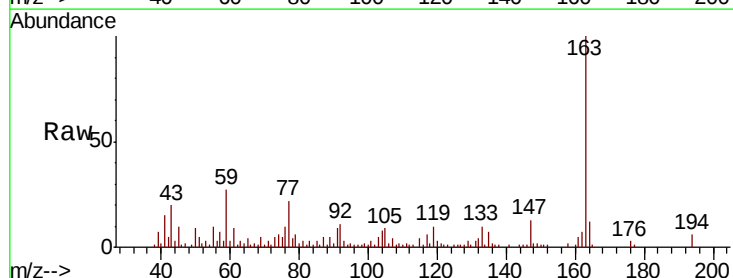


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

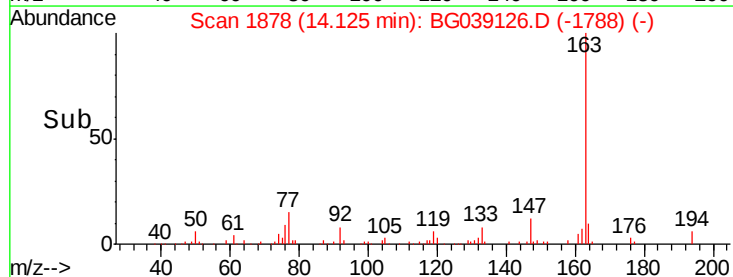
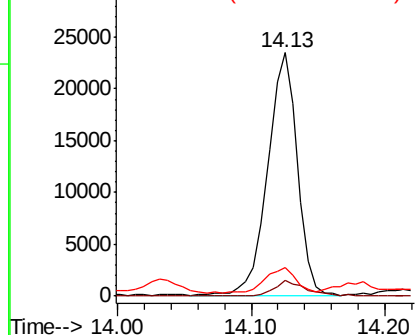


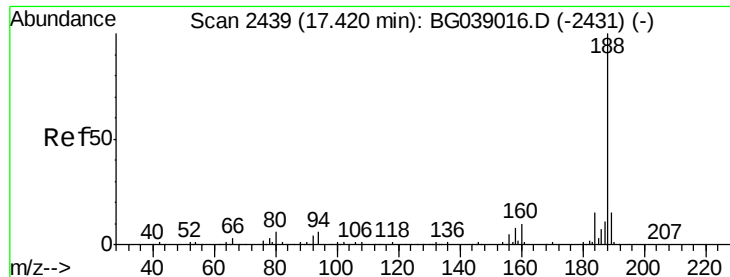
#50
Dimethylphthalate
Concen: 6.401 ng
RT: 14.13 min Scan# 1878
Delta R.T. 0.00 min
Lab File: BG039126.D
Acq: 14 Jan 2019 18:30

Tgt Ion:163 Resp: 36650
Ion Ratio Lower Upper
163 100
194 6.4 3.6 5.4#
164 12.0 8.2 12.2



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: 17.42 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG039126.D

Acq: 14 Jan 2019 18:30

Instrument :

BNA_G

ClientSampleId :

COMP-1

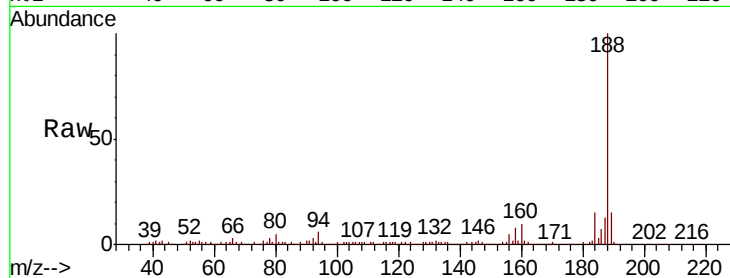
Tot Ion:188 Resp: 153831

Ion Ratio Lower Upper

188 100

94 5.6 5.0 7.4

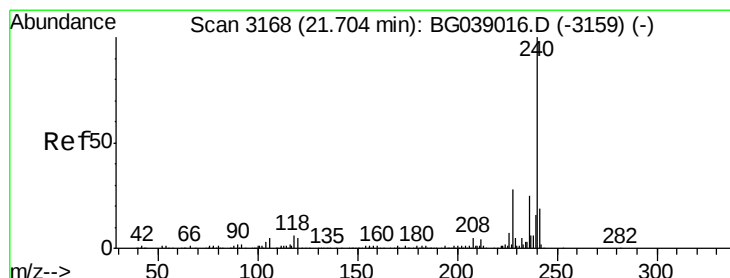
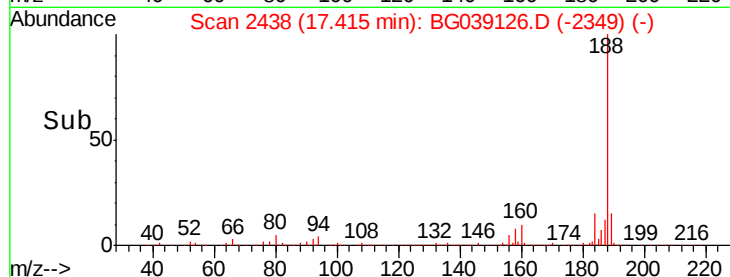
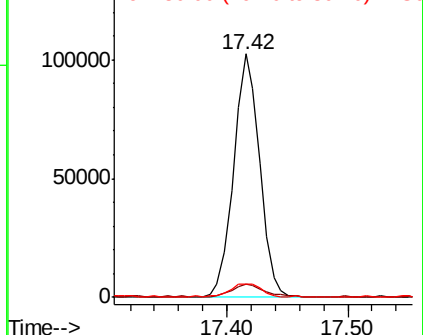
80 5.4 4.7 7.1



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG039126.D

Acq: 14 Jan 2019 18:30

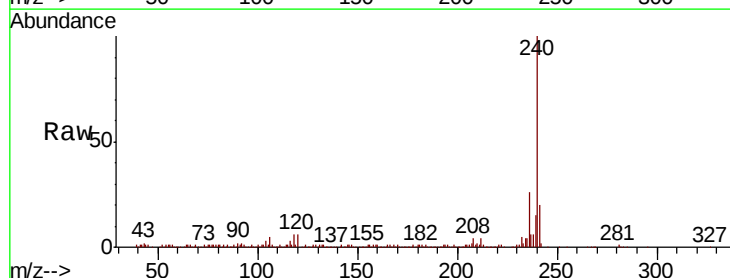
Tgt Ion:240 Resp: 166900

Ion Ratio Lower Upper

240 100

120 5.8 4.3 6.5

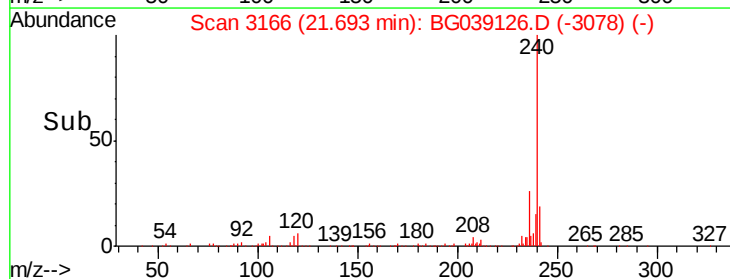
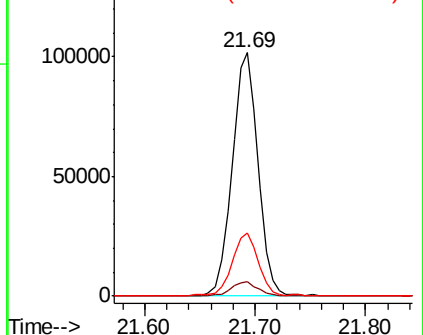
236 25.7 20.1 30.1

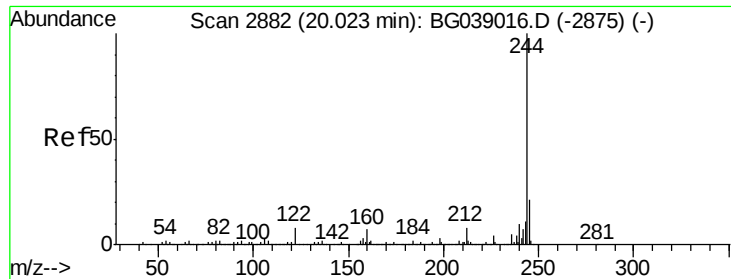


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 53.451 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG039126.D

Acq: 14 Jan 2019 18:30

Instrument :

BNA_G

ClientSampleId :

COMP-1

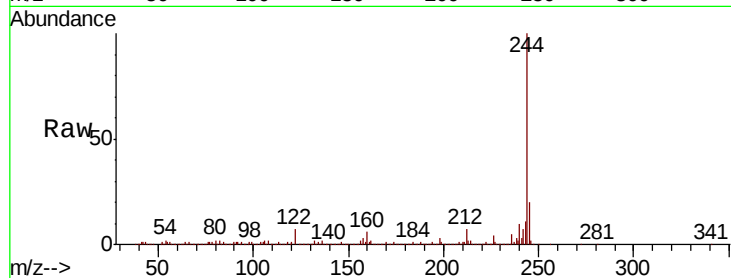
Tot Ion:244 Resp: 482245

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

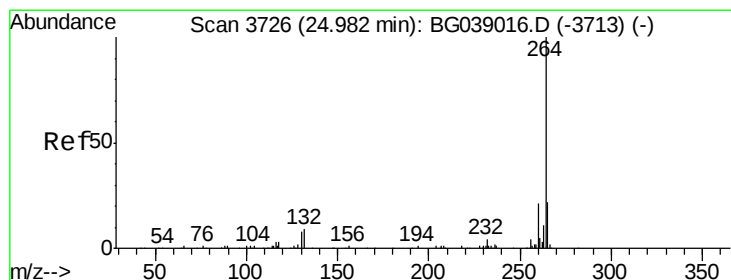
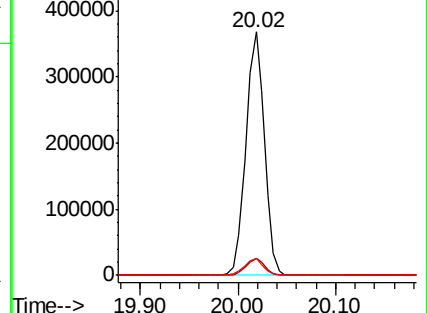
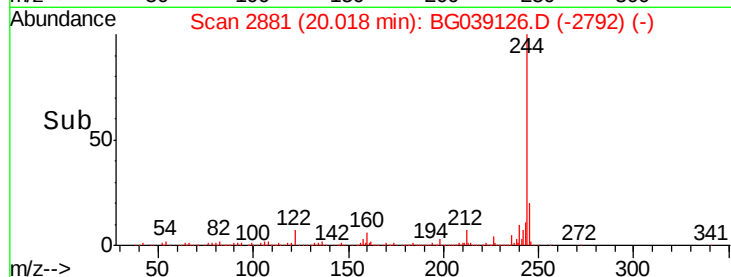
122 7.1 6.1 9.1



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: 24.97 min Scan# 3723

Delta R.T. -0.02 min

Lab File: BG039126.D

Acq: 14 Jan 2019 18:30

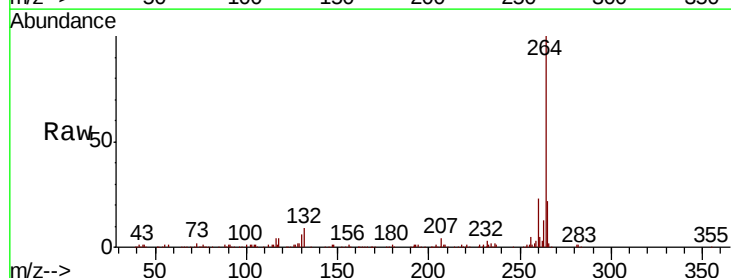
Tgt Ion:264 Resp: 183413

Ion Ratio Lower Upper

264 100

260 22.6 17.0 25.6

265 22.0 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

