

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010219\
 Data File : BG038900.D
 Acq On : 2 Jan 2019 20:13
 Operator : JU/SJ
 Sample : J6587-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-20181227

Quant Time: Jan 03 00:18:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

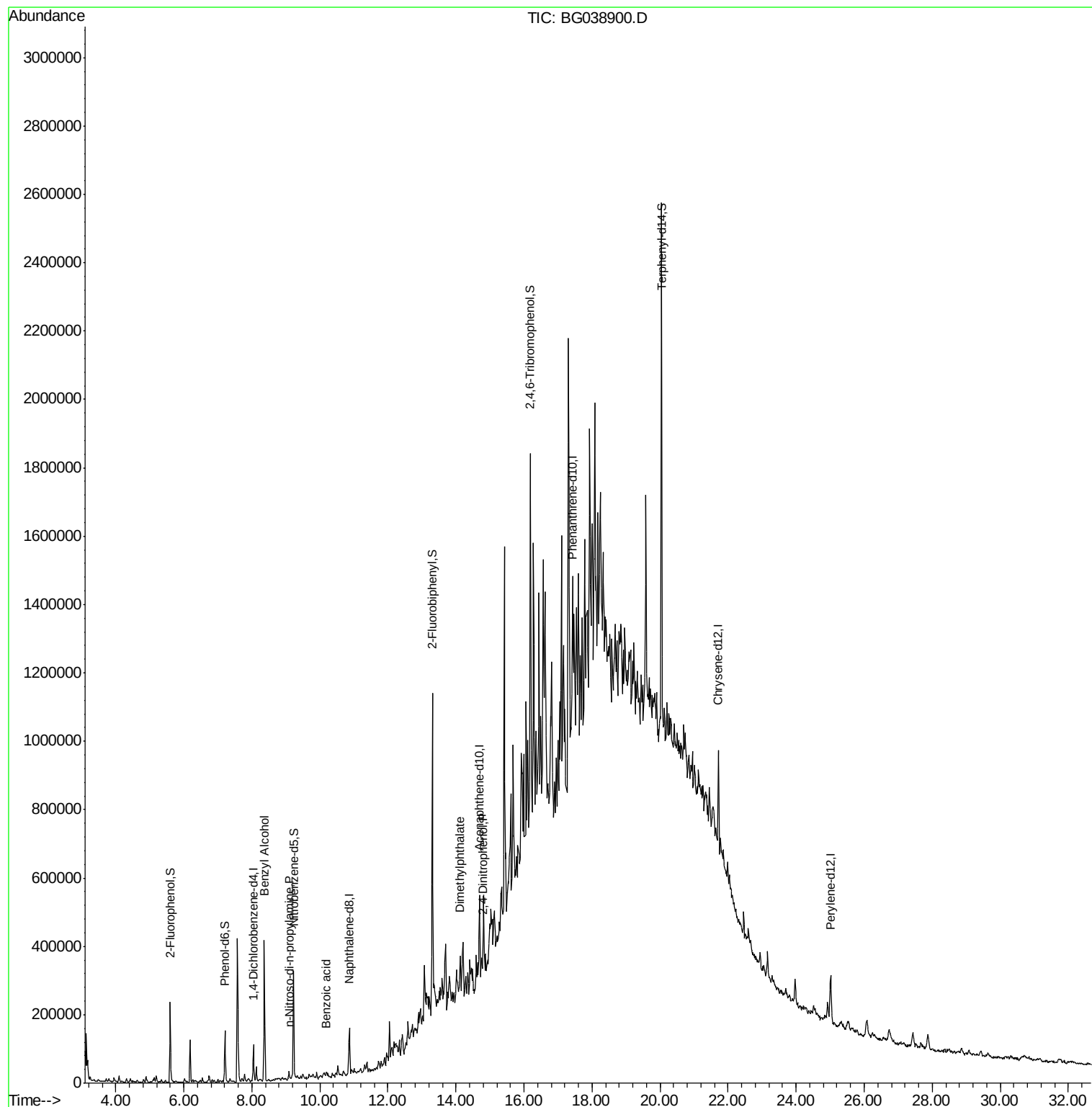
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	29849	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	118127	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	74617	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	161440	20.00	ng	0.00
76) Chrysene-d12	21.72	240	172050	20.00	ng	0.00
87) Perylene-d12	25.01	264	177650	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	105834	62.89	ng	0.00
7) Phenol-d6	7.21	99	89549	38.76	ng	0.00
23) Nitrobenzene-d5	9.23	82	187206	80.96	ng	-0.02
42) 2,4,6-Tribromophenol	16.19	330	156325	152.01	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	482460	88.70	ng	0.00
79) Terphenyl-d14	20.04	244	730200	92.37	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.37	79	3689	2.046	ng	# 68
19) n-Nitroso-di-n-propylamine	9.10	70	3638	2.242	ng	# 53
32) Benzoic acid	10.17	122	1157	11.001	ng	# 76
50) Dimethylphthalate	14.13	163	29513	4.843	ng	98
54) 2,4-Dinitrophenol	14.78	184	53	5.242	ng	# 1

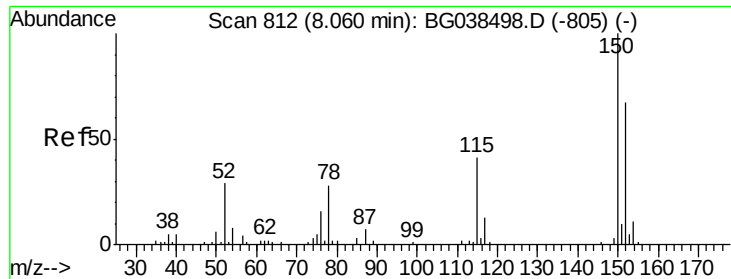
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG038900.D

Acq: 2 Jan 2019 20:13

Instrument :

BNA_G

ClientSampleId :

WC-20181227

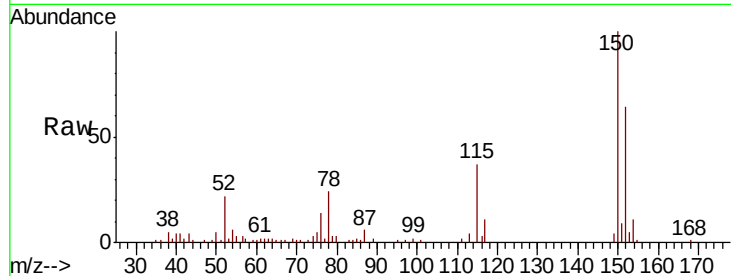
Tot Ion:152 Resp: 29849

Ion Ratio Lower Upper

152 100

150 156.2 119.5 179.3

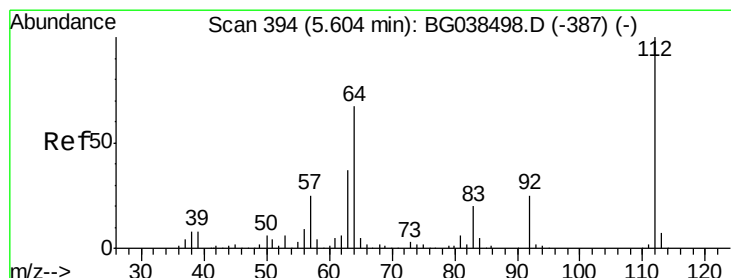
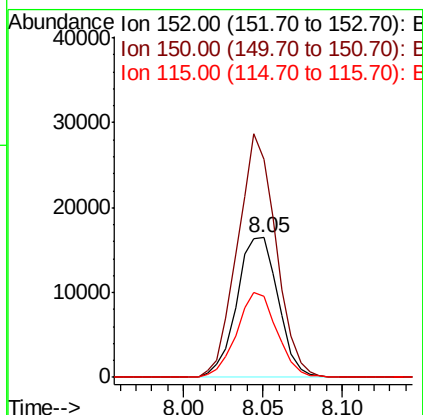
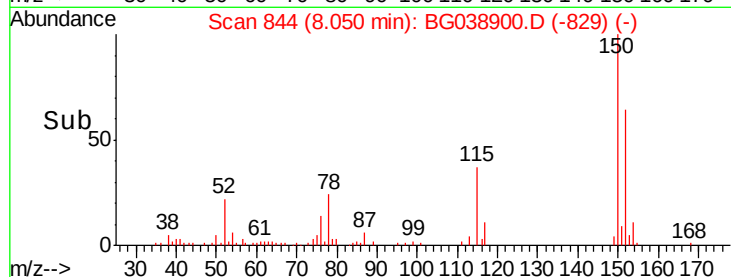
115 58.3 49.6 74.4



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: 62.887 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG038900.D

Acq: 2 Jan 2019 20:13

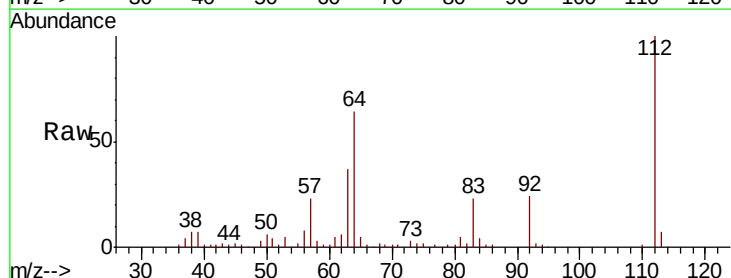
Tgt Ion:112 Resp: 105834

Ion Ratio Lower Upper

112 100

64 64.3 53.4 80.2

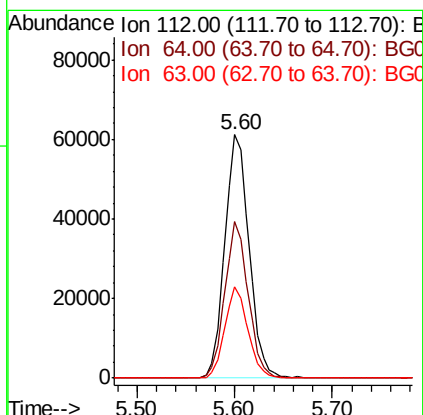
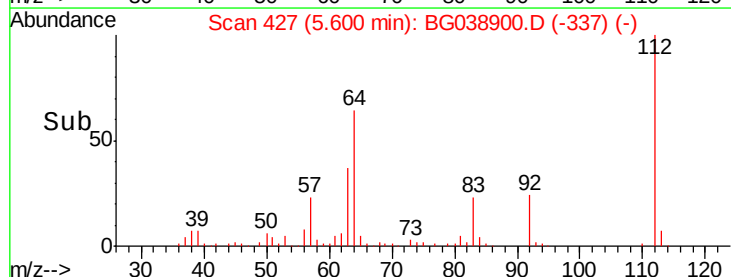
63 37.3 29.3 43.9

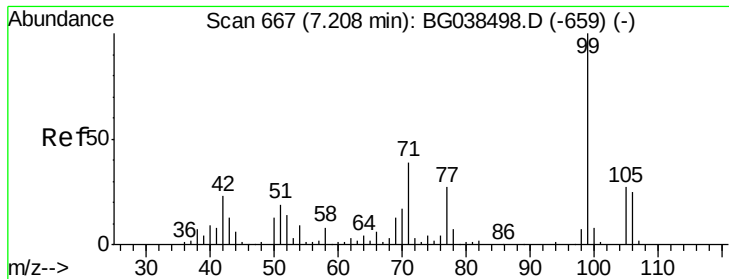


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.761 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038900.D

Acq: 2 Jan 2019 20:13

Instrument :

BNA_G

ClientSampleId :

WC-20181227

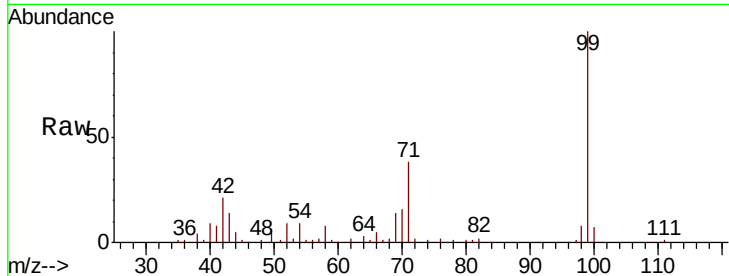
Tot Ion: 99 Resp: 89549

Ion Ratio Lower Upper

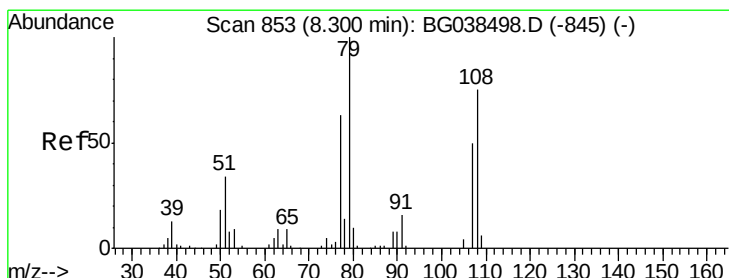
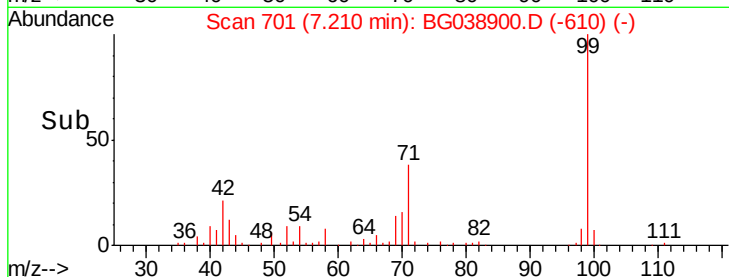
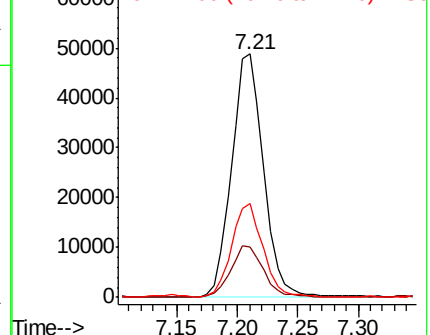
99 100

42 20.8 18.5 27.7

71 38.5 31.1 46.7



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



#15

Benzyl Alcohol

Concen: 2.046 ng

RT: 8.37 min Scan# 899

Delta R.T. 0.07 min

Lab File: BG038900.D

Acq: 2 Jan 2019 20:13

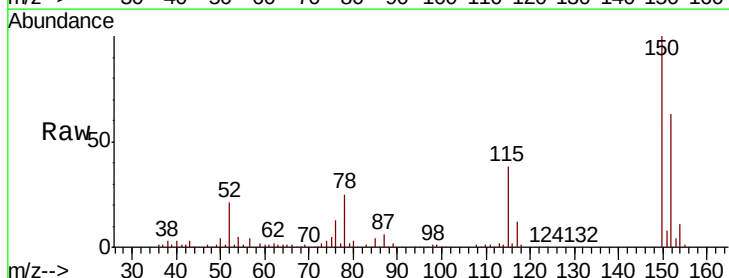
Tgt Ion: 79 Resp: 3689

Ion Ratio Lower Upper

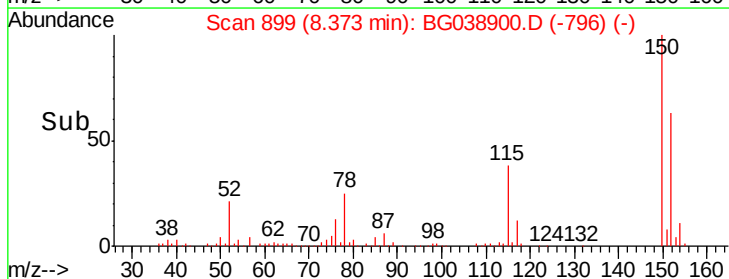
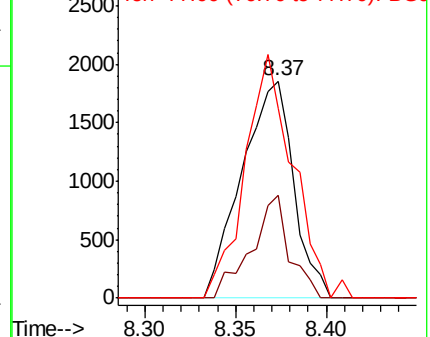
79 100

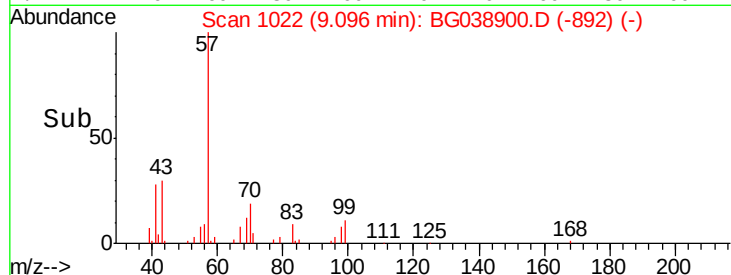
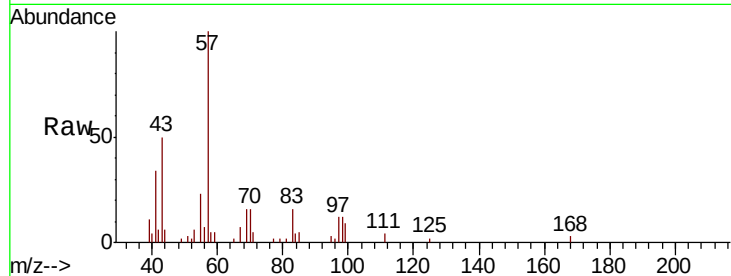
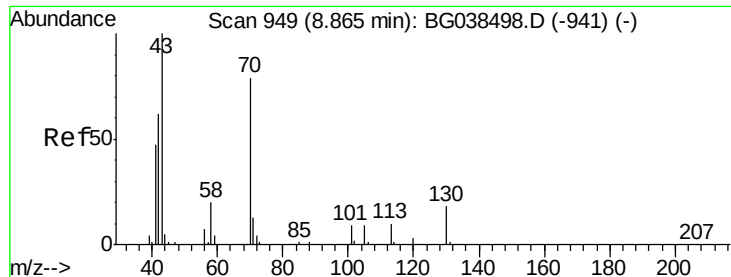
108 47.3 60.2 90.4#

77 87.4 50.7 76.1#



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

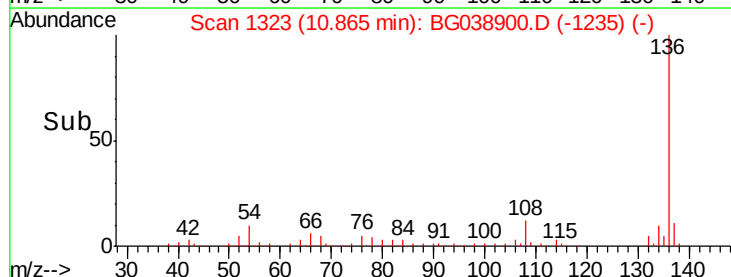
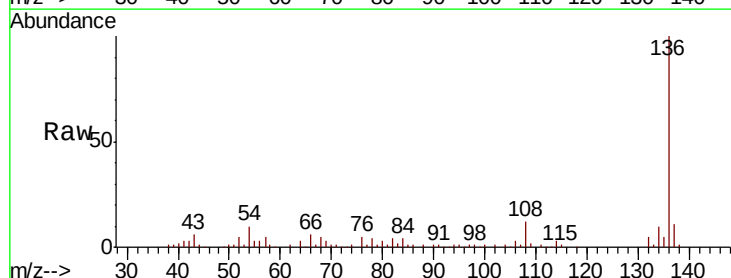
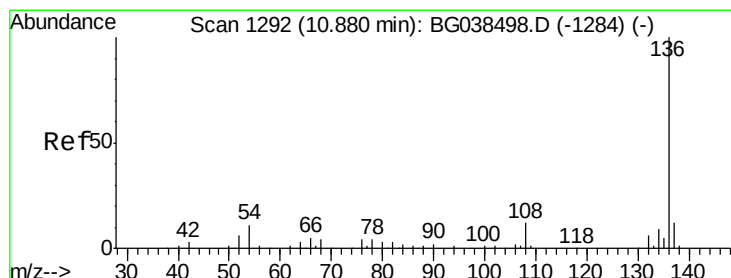
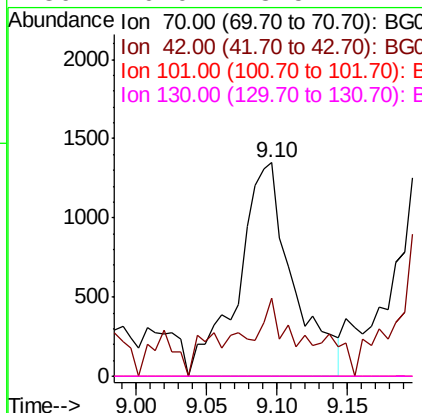




#19
n-Nitroso-di-n-propylamine
Concen: 2.242 ng
RT: 9.10 min Scan# 1022
Delta R.T. 0.23 min
Lab File: BG038900.D
Acq: 2 Jan 2019 20:13

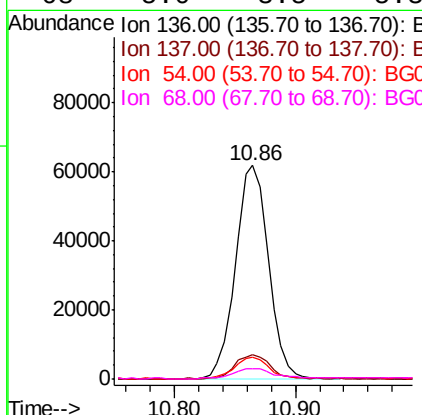
Instrument :
BNA_G
ClientSampleId :
WC-20181227

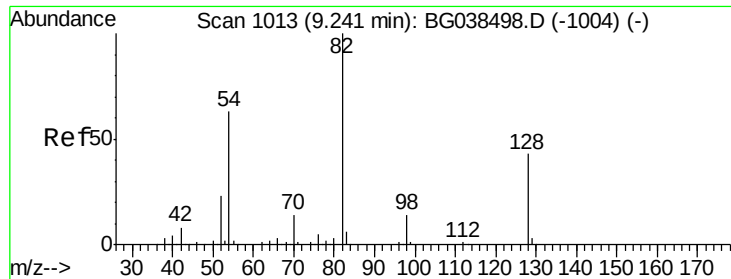
Tot Ion: 70 Resp: 3638
Ion Ratio Lower Upper
70 100
42 36.4 63.6 95.4#
101 0.0 9.2 13.8#
130 0.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038900.D
Acq: 2 Jan 2019 20:13

Tgt Ion:136 Resp: 118127
Ion Ratio Lower Upper
136 100
137 11.2 9.3 13.9
54 10.1 8.5 12.7
68 5.0 3.5 5.3

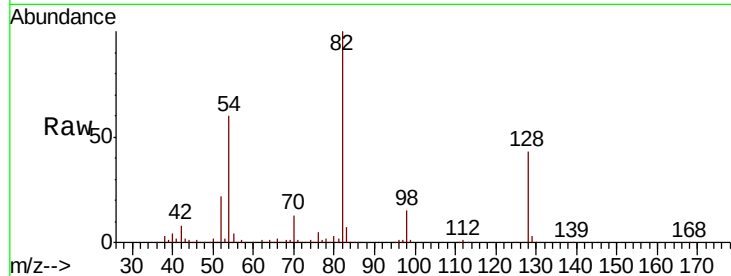




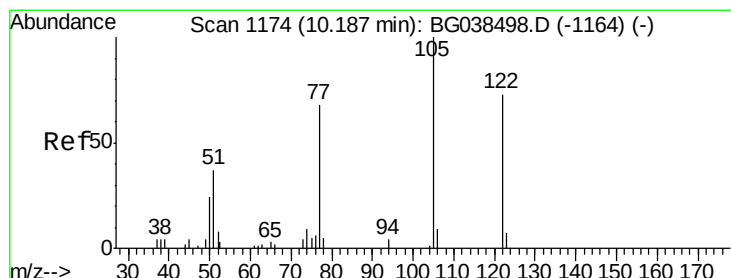
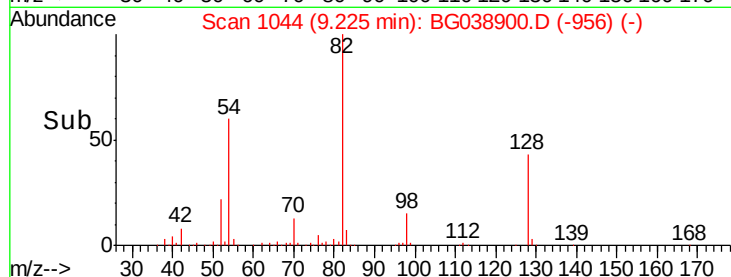
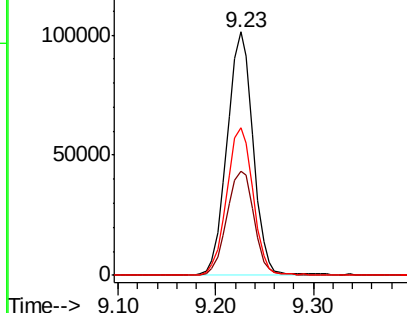
#23
Nitrobenzene-d5
Concen: 80.962 ng
RT: 9.23 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038900.D
Acq: 2 Jan 2019 20:13

Instrument :
BNA_G
ClientSampleId :
WC-20181227

Tot Ion: 82 Resp: 187206
Ion Ratio Lower Upper
82 100
128 42.6 34.6 52.0
54 60.5 50.6 76.0

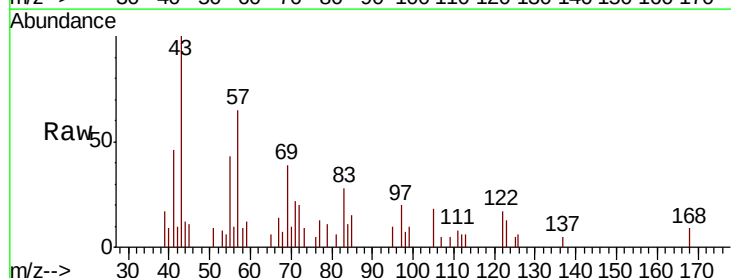


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

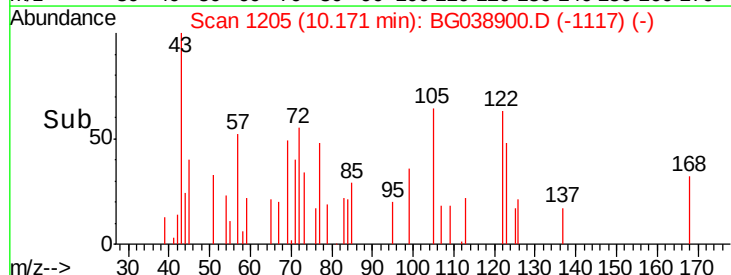
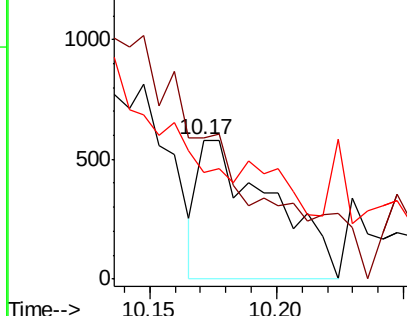


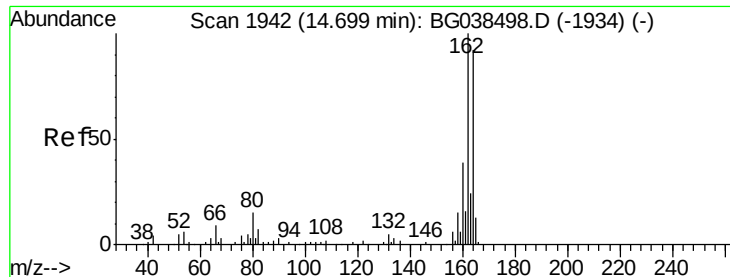
#32
Benzoic acid
Concen: 11.001 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BG038900.D
Acq: 2 Jan 2019 20:13

Tgt Ion:122 Resp: 1157
Ion Ratio Lower Upper
122 100
105 101.4 116.7 156.7#
77 76.8 72.5 112.5



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: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG038900.D

Acq: 2 Jan 2019 20:13

Instrument :

BNA_G

ClientSampleId :

WC-20181227

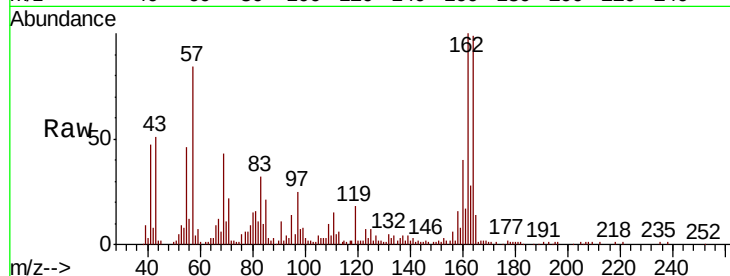
Tot Ion:164 Resp: 74617

Ion Ratio Lower Upper

164 100

162 100.8 86.6 130.0

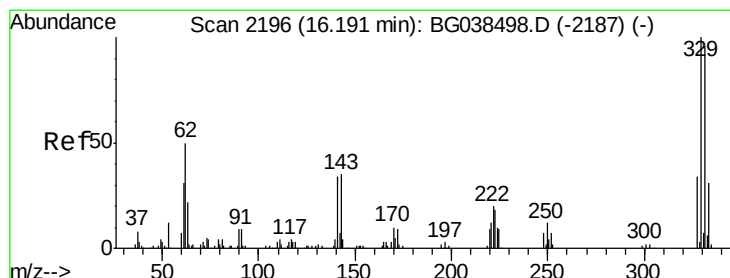
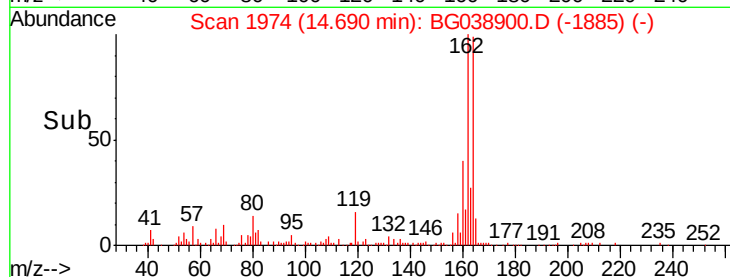
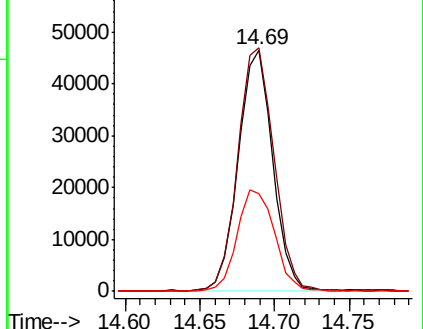
160 40.7 34.2 51.2



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: 152.014 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038900.D

Acq: 2 Jan 2019 20:13

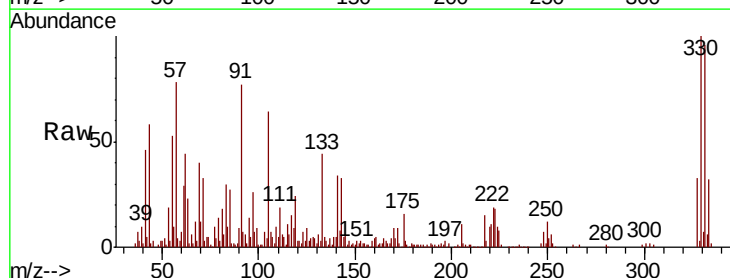
Tgt Ion:330 Resp: 156325

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

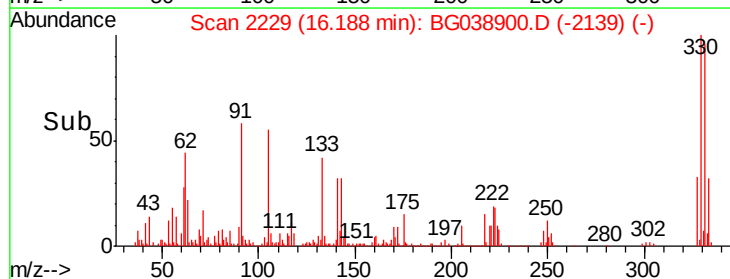
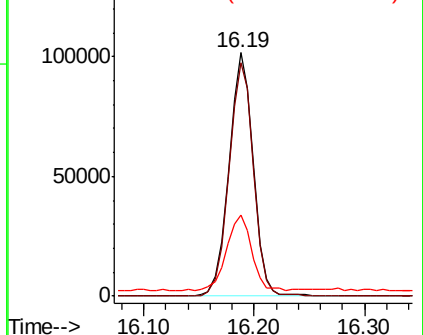
141 31.5 28.8 43.2

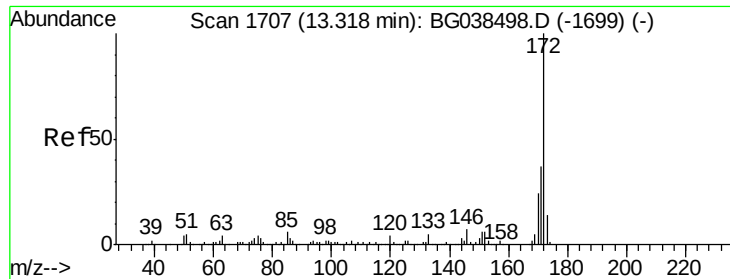


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

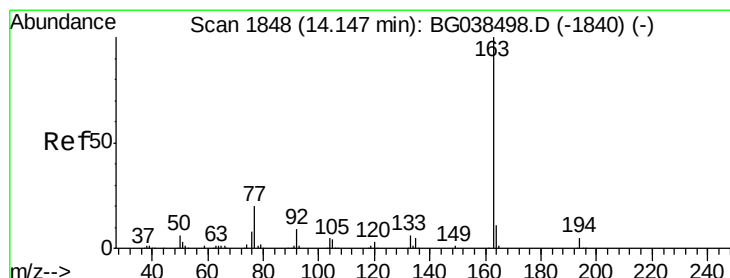
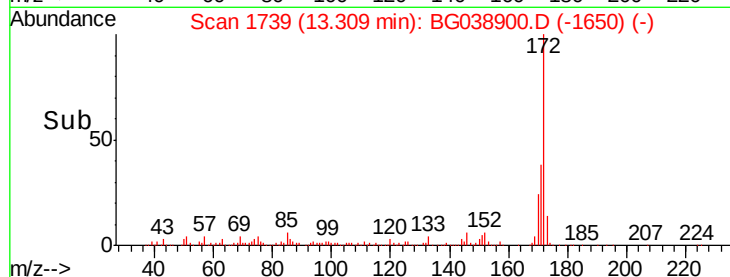
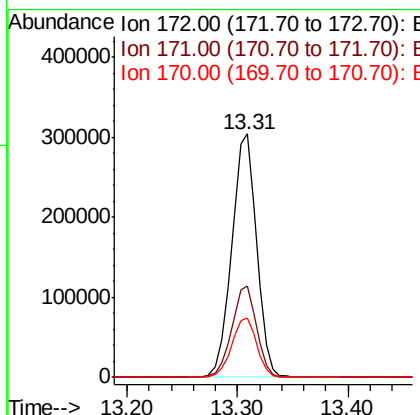
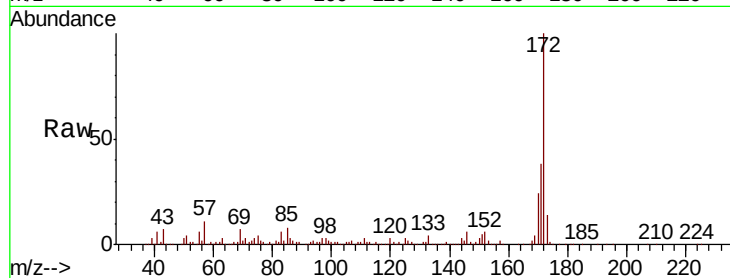




#45
2-Fluorobiphenyl
Concen: 88.701 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038900.D
Acq: 2 Jan 2019 20:13

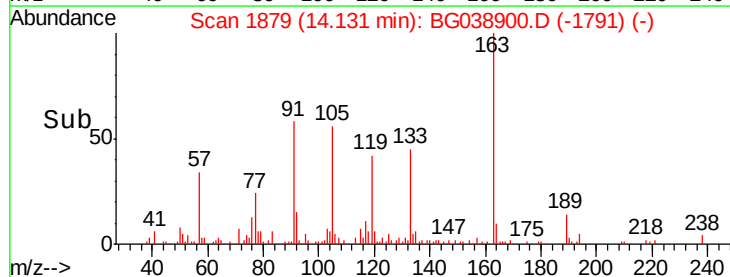
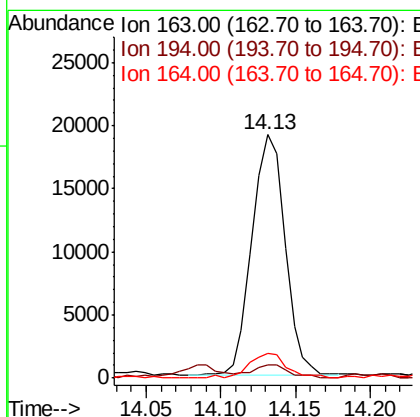
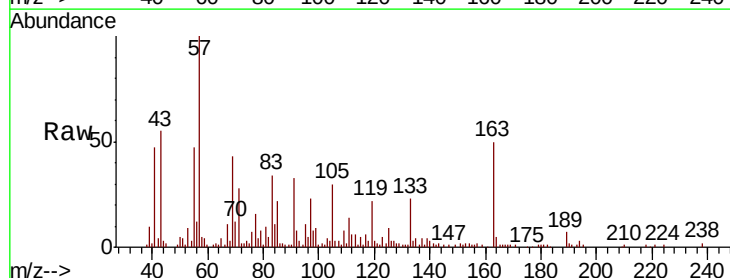
Instrument :
BNA_G
ClientSampleId :
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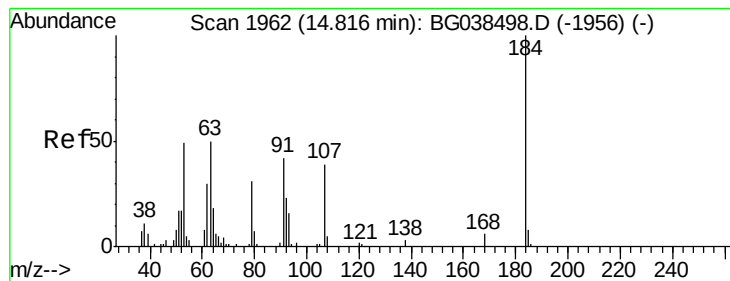
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	24.2	19.5	29.3



#50
Dimethylphthalate
Concen: 4.843 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG038900.D
Acq: 2 Jan 2019 20:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.7	5.5
164	10.1	8.6	12.8





#54

2,4-Dinitrophenol

Concen: 5.242 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.03 min

Lab File: BG038900.D

Acq: 2 Jan 2019 20:13

Instrument :

BNA_G

ClientSampleId :

WC-20181227

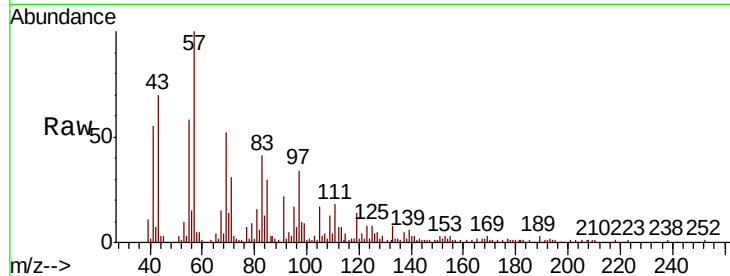
Tot Ion:184 Resp: 53

Ion Ratio Lower Upper

184 100

63 168.0 47.0 70.6#

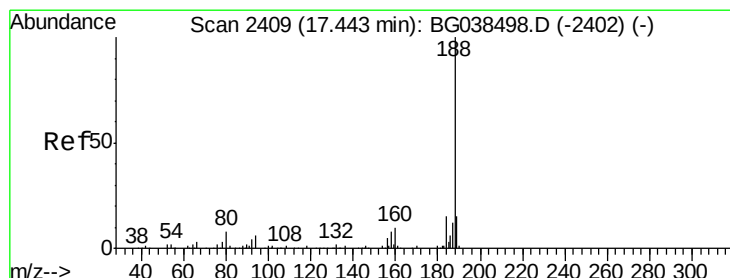
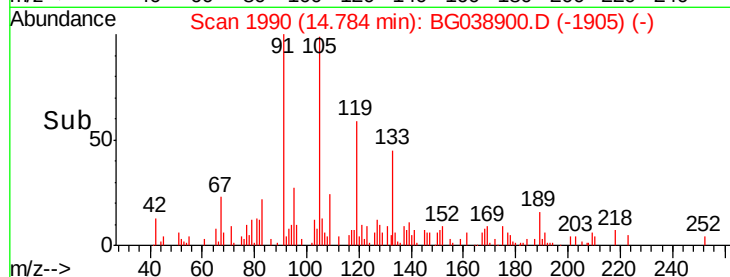
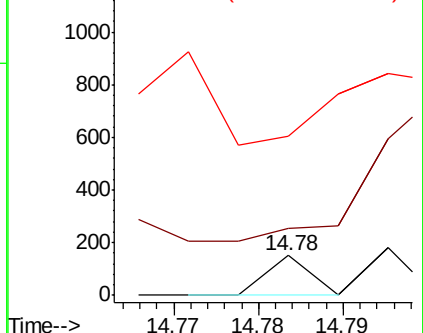
154 402.0 50.3 75.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG038900.D

Acq: 2 Jan 2019 20:13

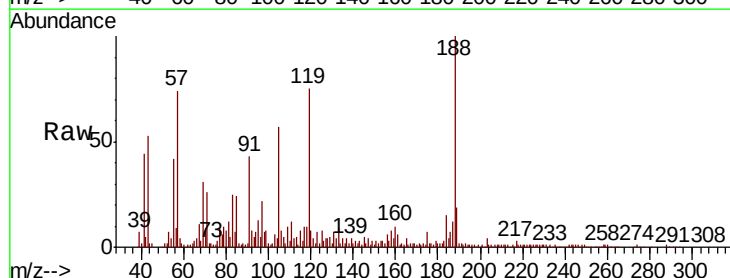
Tgt Ion:188 Resp: 161440

Ion Ratio Lower Upper

188 100

94 6.9 5.1 7.7

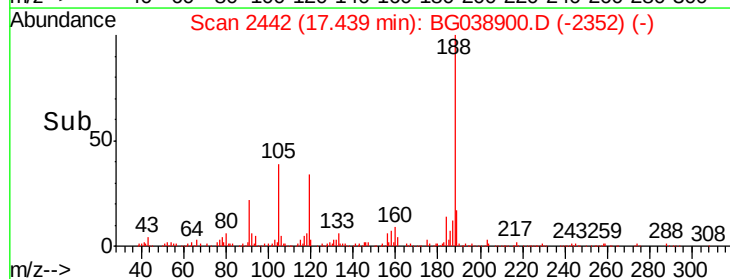
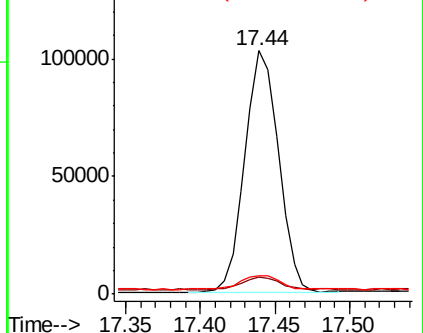
80 7.5 6.1 9.1

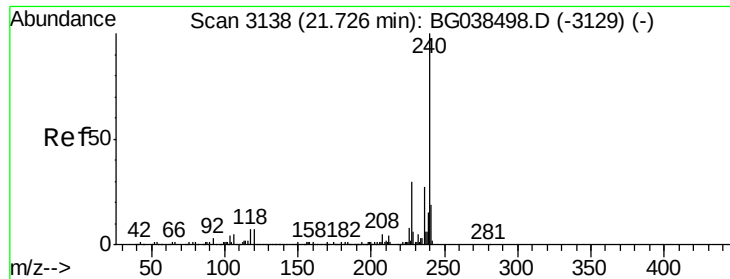


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

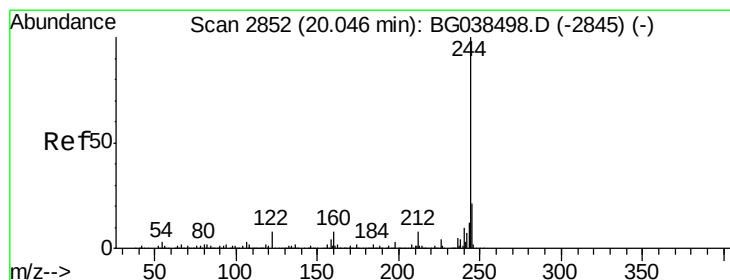
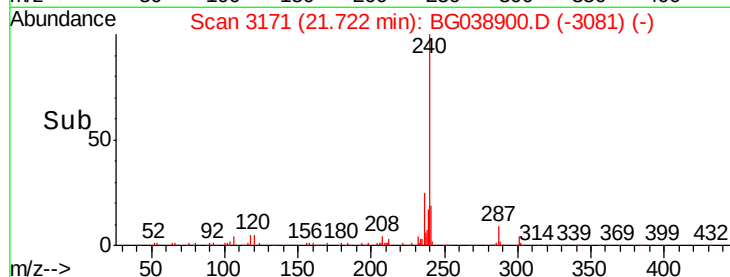
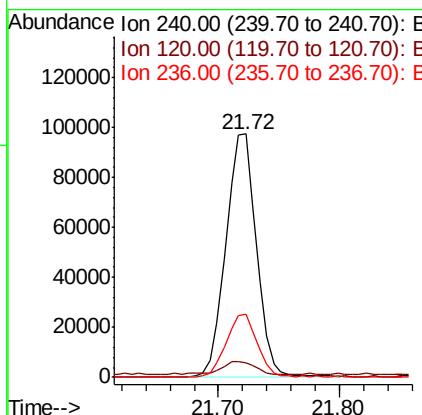
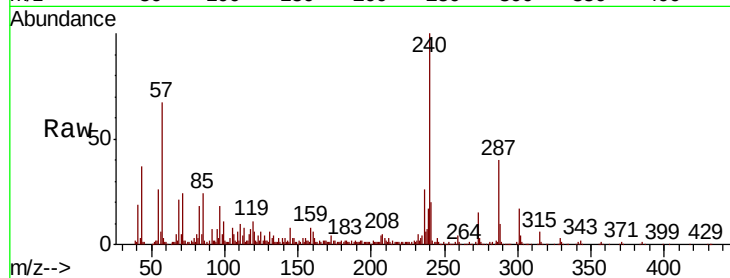




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BG038900.D
Acq: 2 Jan 2019 20:13

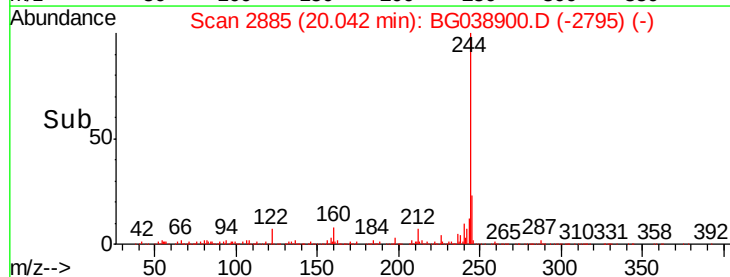
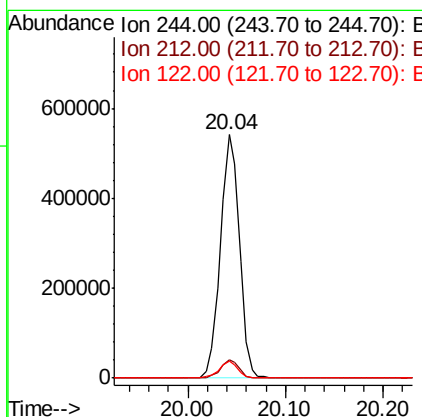
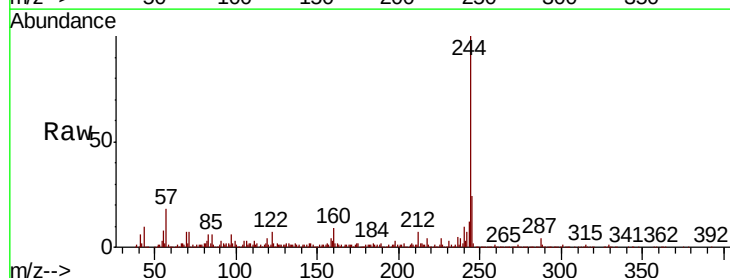
Instrument :
BNA_G
ClientSampleId :
WC-20181227

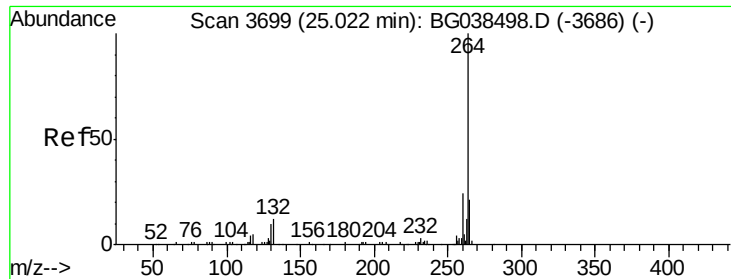
Tot Ion:240 Resp: 172050
Ion Ratio Lower Upper
240 100
120 6.1 5.3 7.9
236 25.8 21.4 32.2



#79
Terphenyl-d14
Concen: 92.366 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BG038900.D
Acq: 2 Jan 2019 20:13

Tgt Ion:244 Resp: 730200
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 6.8 6.3 9.5

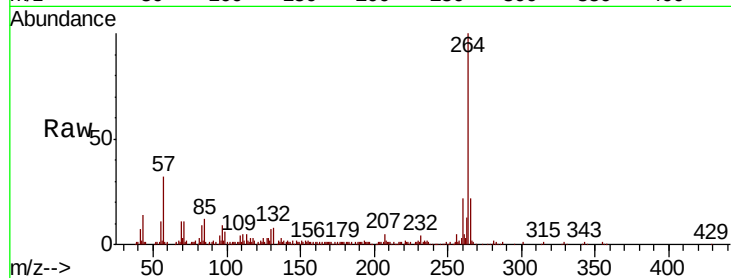




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG038900.D
Acq: 2 Jan 2019 20:13

Instrument :
BNA_G
ClientSampleId :
WC-20181227

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	21.9	18.9	28.3	
265	22.3	17.0	25.4	



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

