

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
 Data File : BG042762.D
 Acq On : 7 Sep 2019 00:20
 Operator : HP/JU
 Sample : K4522-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 07 01:22:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	34952	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	137573	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	109040	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	276703	20.00	ng	0.00
76) Chrysene-d12	21.69	240	232187	20.00	ng	0.00
87) Perylene-d12	24.94	264	275440	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	220882	127.99	ng	0.00
7) Phenol-d6	7.16	99	304851	130.77	ng	0.00
23) Nitrobenzene-d5	9.17	82	169604	85.19	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	236795	152.79	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	536347	83.19	ng	0.00
79) Terphenyl-d14	20.02	244	962413	89.61	ng	0.00

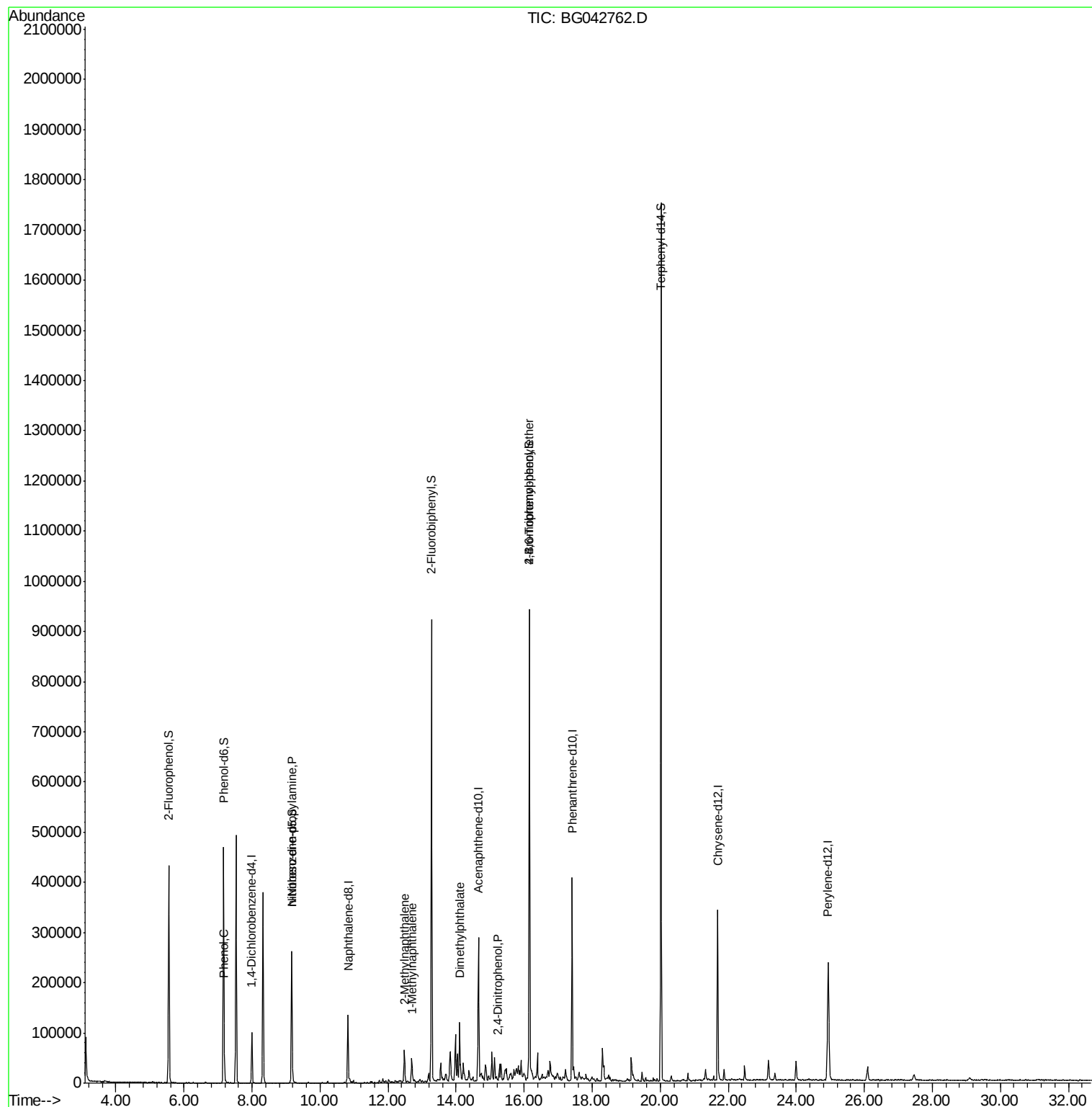
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.19	94	6091	2.570	ng	# 71
19) n-Nitroso-di-n-propylamine	9.17	70	22473	14.880	ng	# 75
37) 2-Methylnaphthalene	12.48	142	37216	7.257	ng	99
38) 1-Methylnaphthalene	12.70	142	25597	5.254	ng	99
50) Dimethylphthalate	14.10	163	92954	11.815	ng	99
54) 2,4-Dinitrophenol	15.23	184	58	6.305	ng	# 30
67) 4-Bromophenyl-phenylether	16.15	248	16477	4.695	ng	# 1

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

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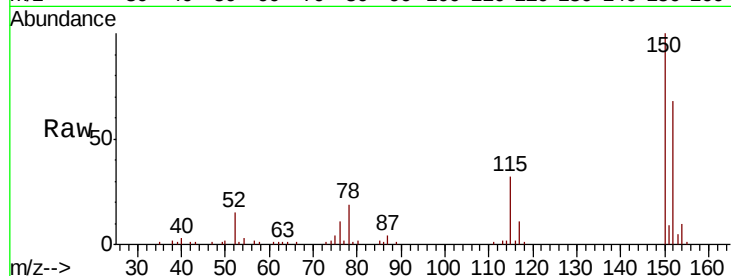


#1

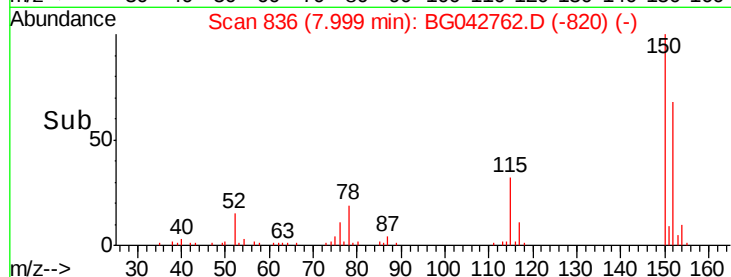
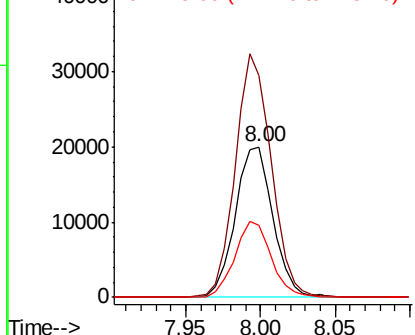
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042762.D
Acq: 7 Sep 2019 00:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34952
Ion Ratio Lower Upper
152 100
150 147.1 125.4 188.0
115 47.6 38.5 57.7



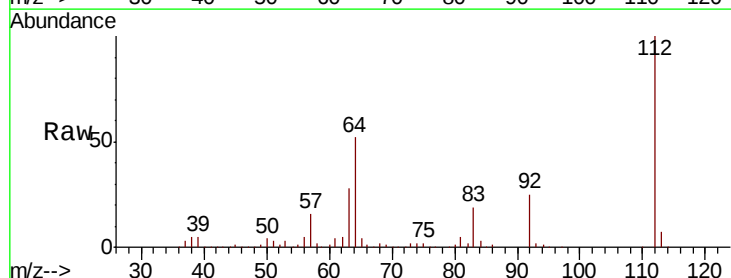
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



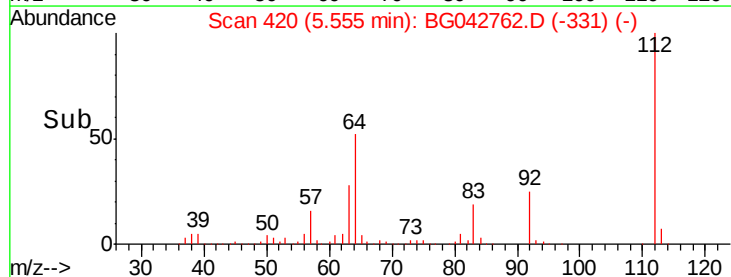
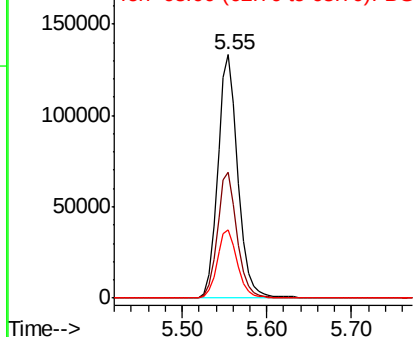
#5

2-Fluorophenol
Concen: 127.990 ng
RT: 5.55 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042762.D
Acq: 7 Sep 2019 00:20

Tgt Ion:112 Resp: 220882
Ion Ratio Lower Upper
112 100
64 51.8 42.8 64.2
63 28.1 22.7 34.1



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: 130.774 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042762.D

Acq: 7 Sep 2019 00:20

Instrument :

BNA_G

ClientSampled :

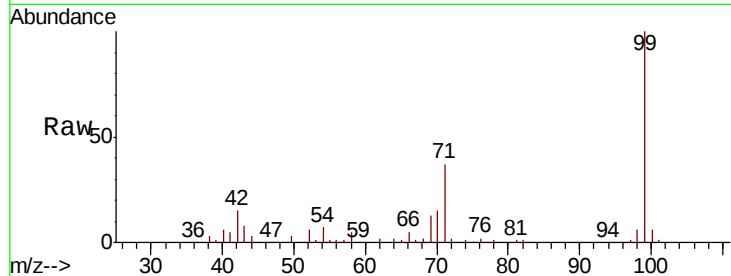
Tot Ion: 99 Resp: 304851

Ion Ratio Lower Upper

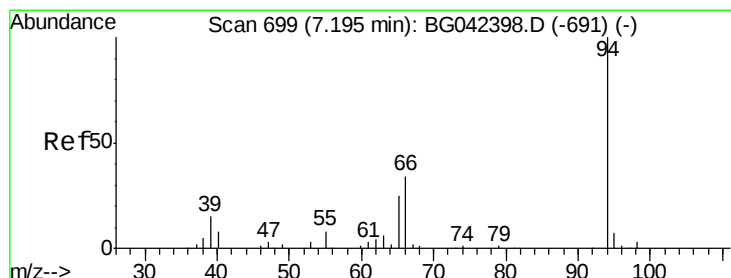
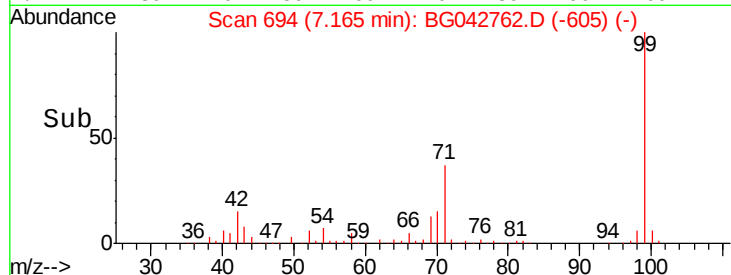
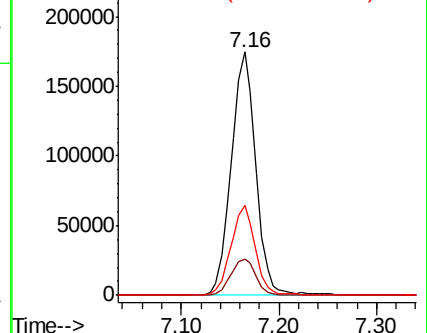
99 100

42 15.1 12.0 18.0

71 36.9 26.3 39.5



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: 2.570 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042762.D

Acq: 7 Sep 2019 00:20

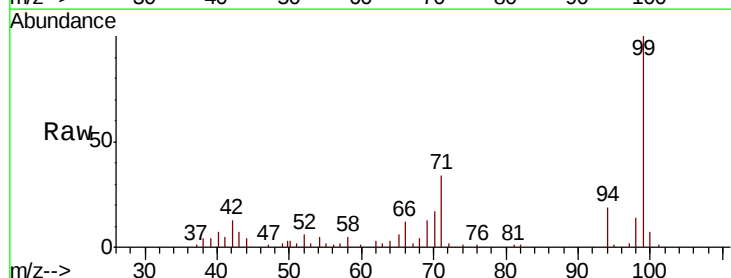
Tgt Ion: 94 Resp: 6091

Ion Ratio Lower Upper

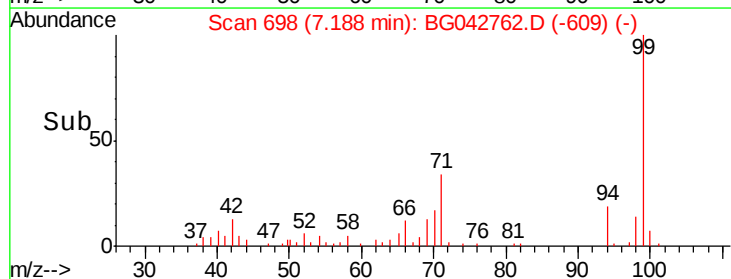
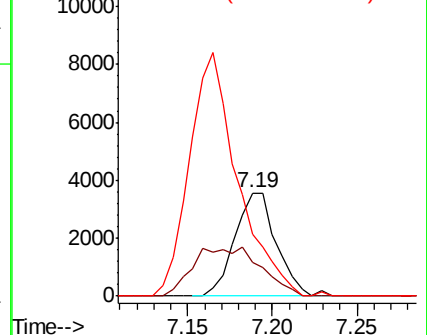
94 100

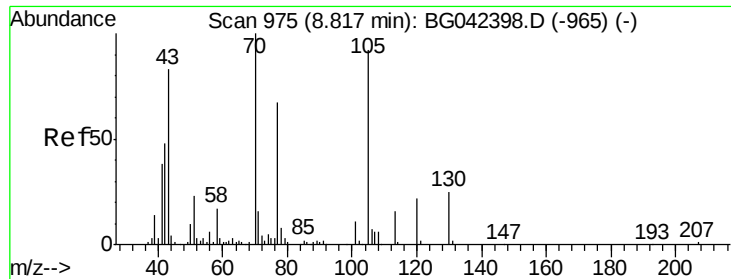
65 32.5 5.6 45.6

66 59.9 16.0 56.0#



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

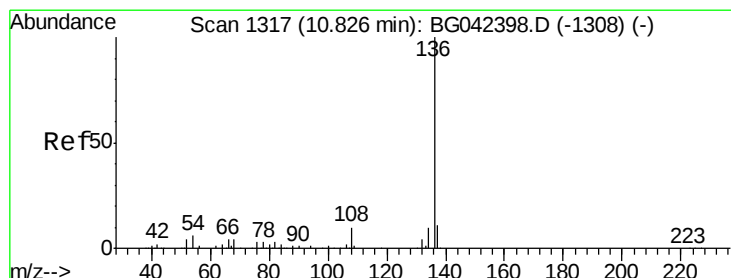
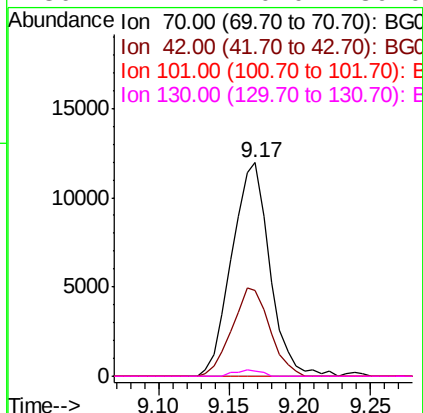
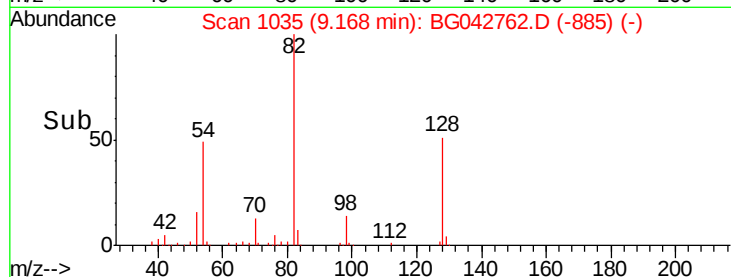
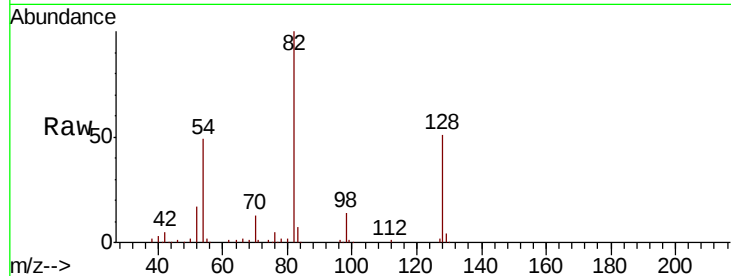




#19
n-Nitroso-di-n-propylamine
Concen: 14.880 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.35 min
Lab File: BG042762.D
Acq: 7 Sep 2019 00:20

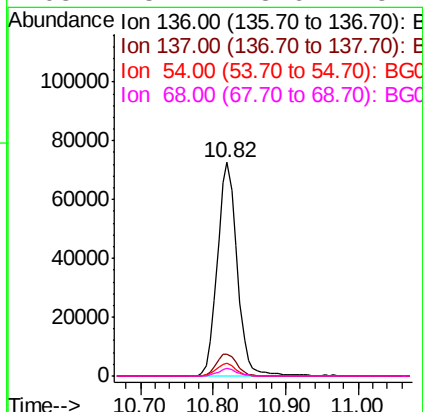
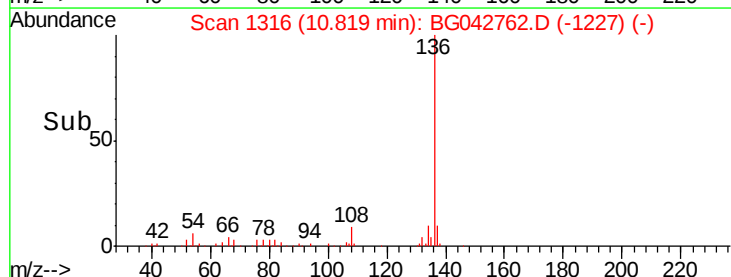
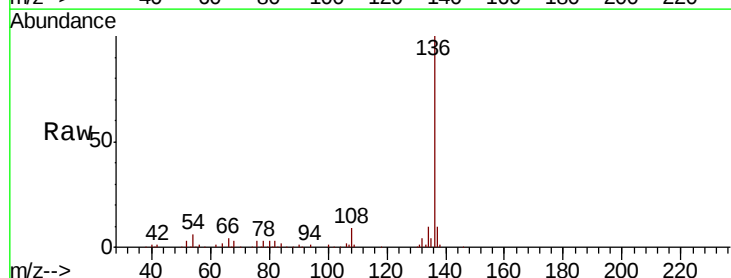
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 22473
Ion Ratio Lower Upper
70 100
42 40.0 38.8 58.2
101 0.0 9.0 13.6#
130 2.1 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042762.D
Acq: 7 Sep 2019 00:20

Tgt Ion: 136 Resp: 137573
Ion Ratio Lower Upper
136 100
137 10.0 8.7 13.1
54 6.2 4.9 7.3
68 3.4 3.6 5.4#

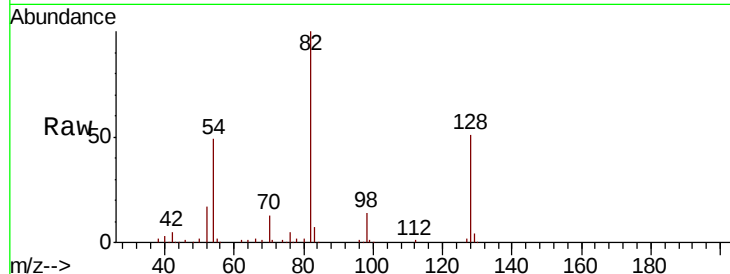




#23
Nitrobenzene-d5
Concen: 85.193 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042762.D
Acq: 7 Sep 2019 00:20

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	169604
Ion Ratio	Lower	Upper	
82	100		
128	51.2	40.7	61.1
54	49.1	36.3	54.5

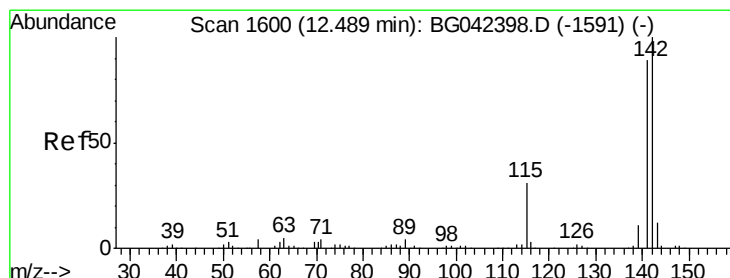
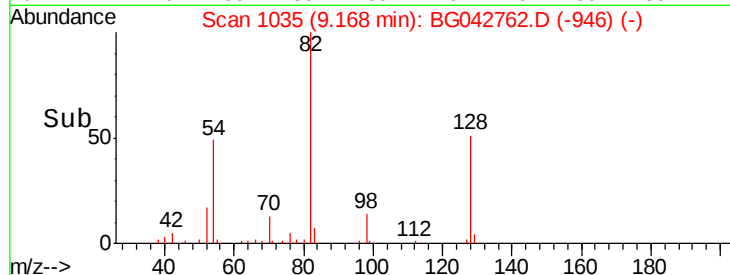
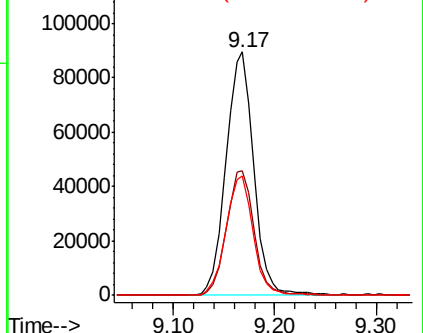


Abundance

Ion 82.00 (81.70 to 82.70): BGC

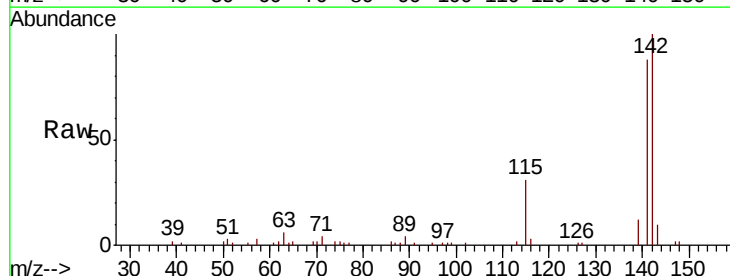
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#37
2-Methylnaphthalene
Concen: 7.257 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG042762.D
Acq: 7 Sep 2019 00:20

Tgt Ion	142	Resp	37216
Ion Ratio	Lower	Upper	
142	100		
141	87.5	71.4	107.2
115	31.4	25.2	37.8

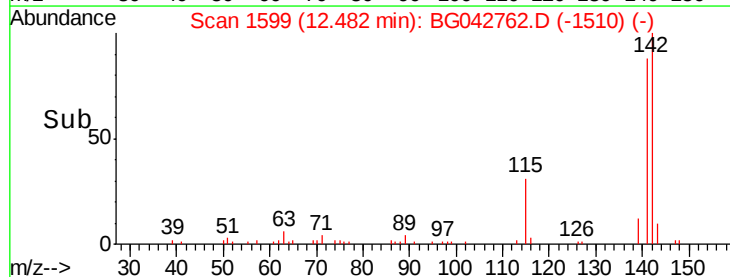
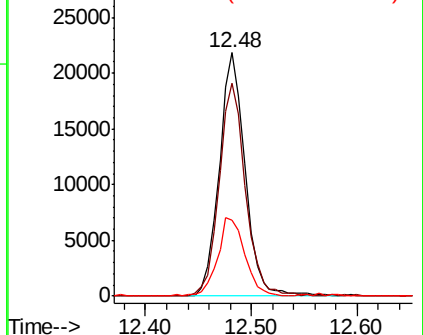


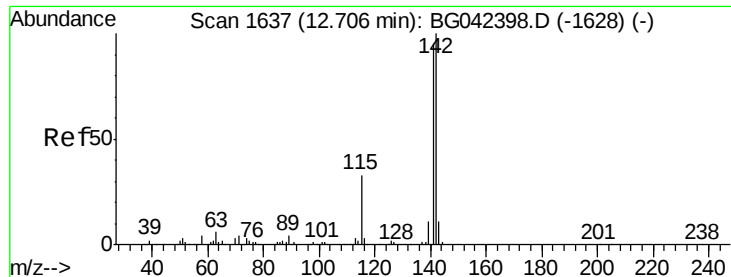
Abundance

Ion 142.00 (141.70 to 142.70): BGC

Ion 141.00 (140.70 to 141.70): BGC

Ion 115.00 (114.70 to 115.70): BGC

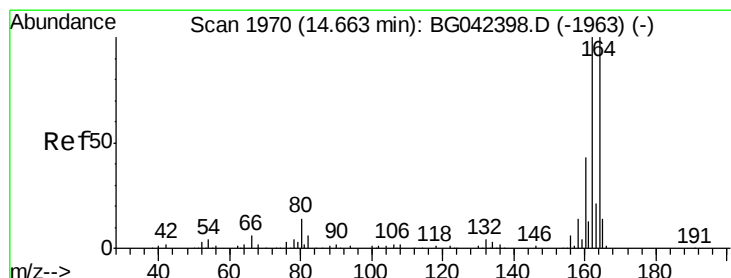
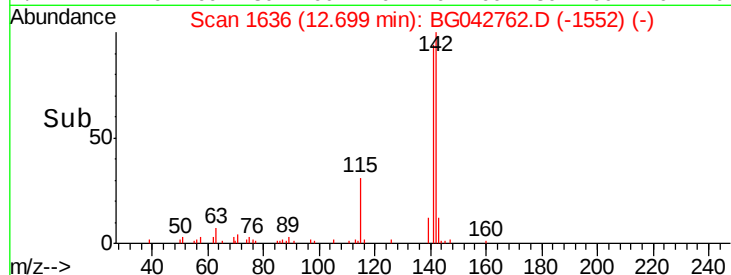
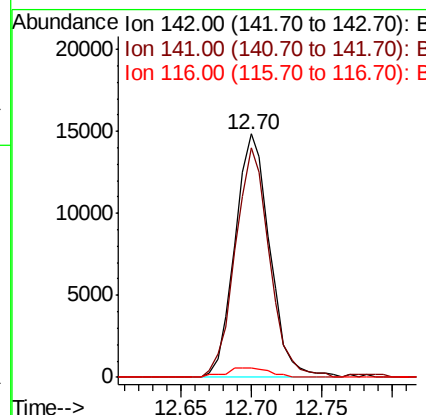
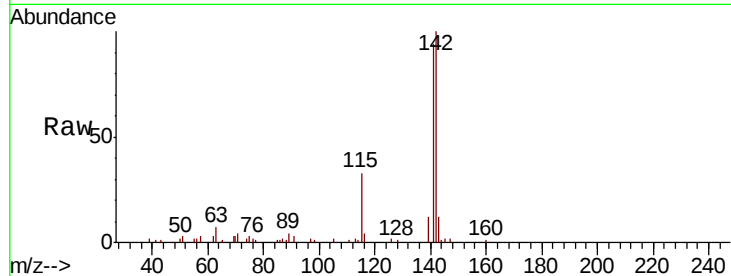




#38
1-Methylnaphthalene
Concen: 5.254 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG042762.D
Acq: 7 Sep 2019 00:20

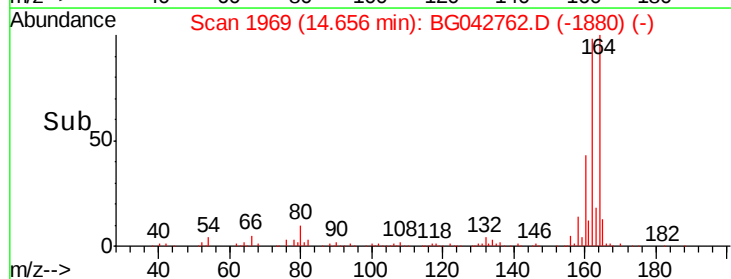
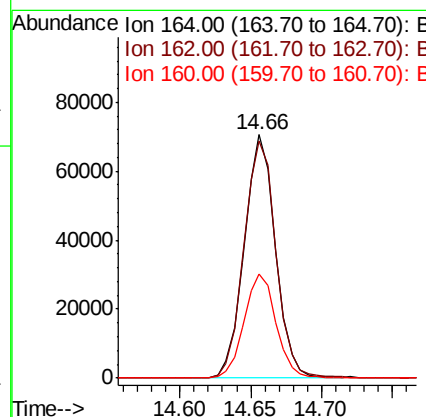
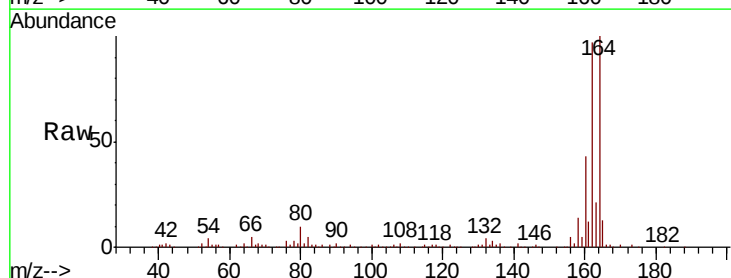
Instrument :
BNA_G
ClientSampleId :

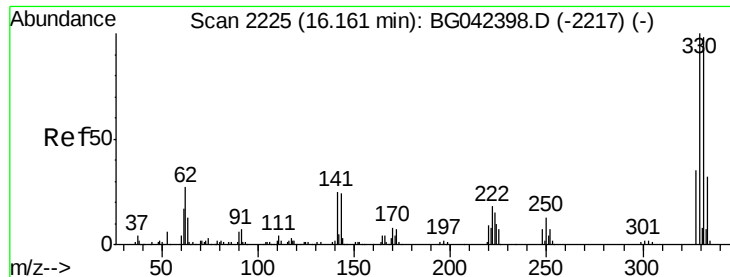
Tot Ion:142 Resp: 25597
Ion Ratio Lower Upper
142 100
141 94.3 76.2 114.2
116 4.1 2.8 4.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042762.D
Acq: 7 Sep 2019 00:20

Tgt Ion:164 Resp: 109040
Ion Ratio Lower Upper
164 100
162 97.5 79.9 119.9
160 42.6 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 152.788 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042762.D

Acq: 7 Sep 2019 00:20

Instrument :

BNA_G

ClientSampleId :

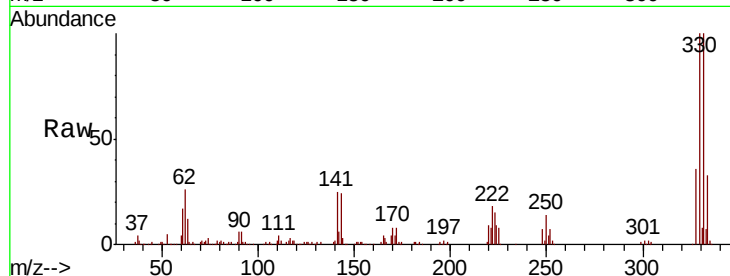
Tot Ion:330 Resp: 236795

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.0

141 25.5 21.4 32.0

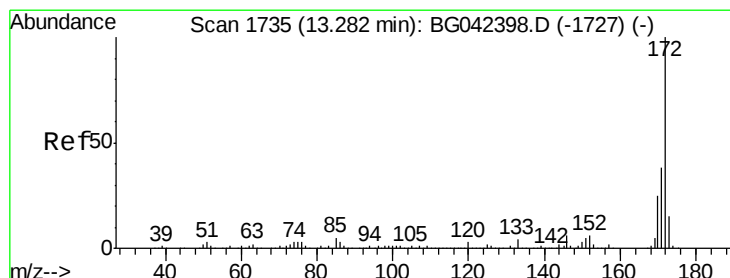
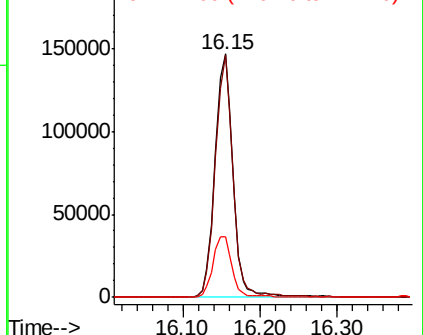
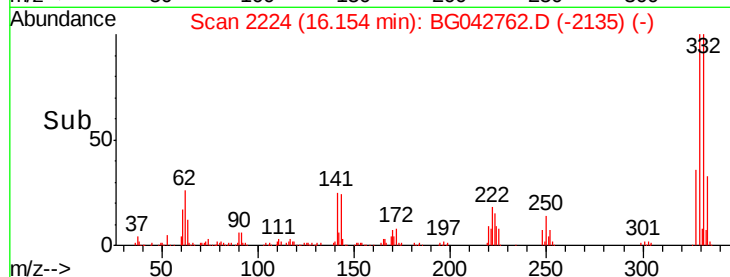


Abundance

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: 83.191 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042762.D

Acq: 7 Sep 2019 00:20

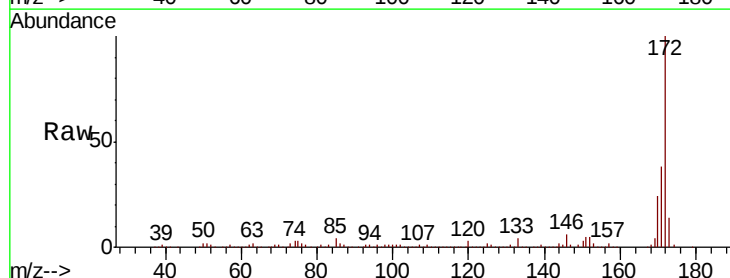
Tgt Ion:172 Resp: 536347

Ion Ratio Lower Upper

172 100

171 37.5 30.5 45.7

170 24.4 20.2 30.2

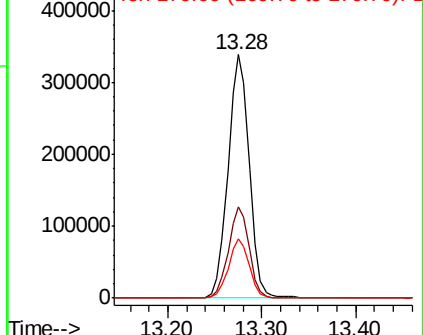
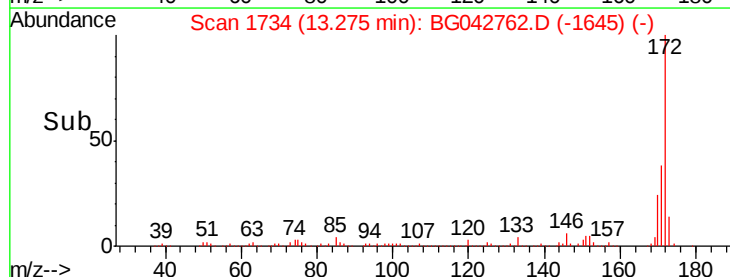


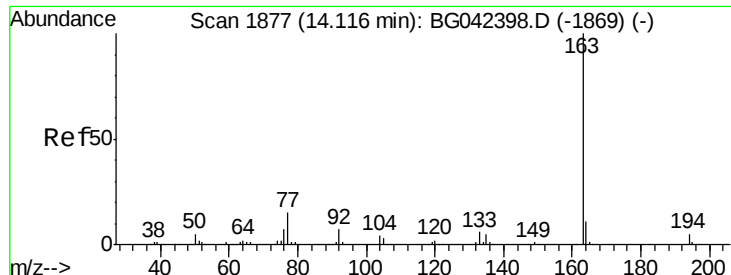
Abundance

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: 11.815 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042762.D

Acq: 7 Sep 2019 00:20

Instrument :

BNA_G

ClientSampleId :

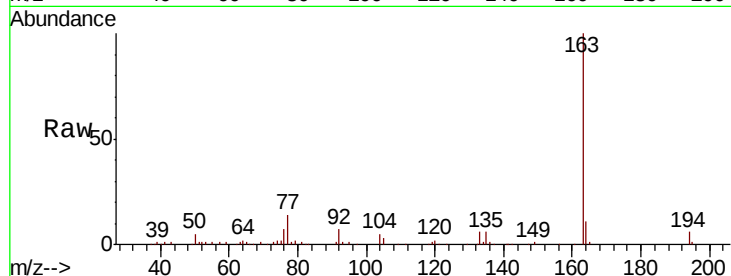
Tot Ion:163 Resp: 92954

Ion Ratio Lower Upper

163 100

194 5.7 4.2 6.2

164 10.9 8.8 13.2

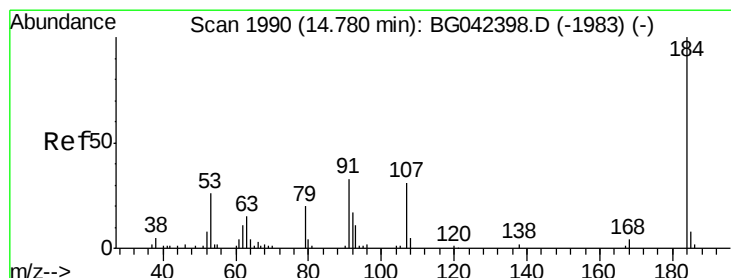
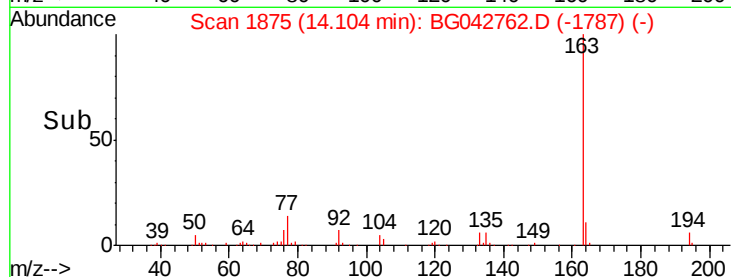
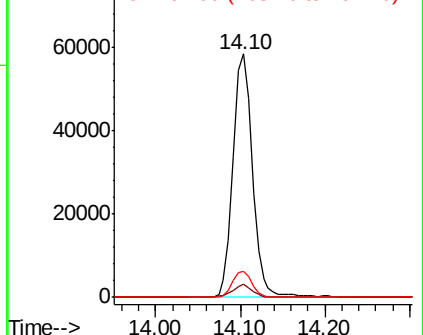


Abundance

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



#54

2,4-Dinitrophenol

Concen: 6.305 ng

RT: 15.23 min Scan# 2066

Delta R.T. 0.45 min

Lab File: BG042762.D

Acq: 7 Sep 2019 00:20

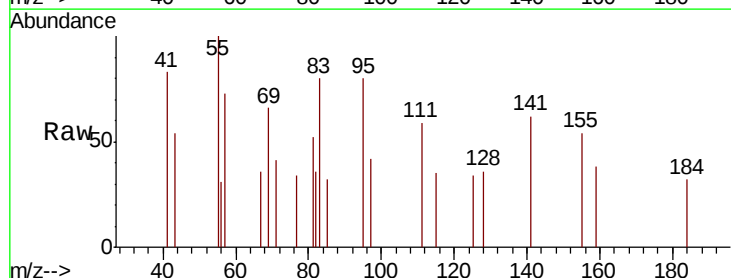
Tgt Ion:184 Resp: 58

Ion Ratio Lower Upper

184 100

63 0.0 31.7 47.5#

154 0.0 42.0 63.0#

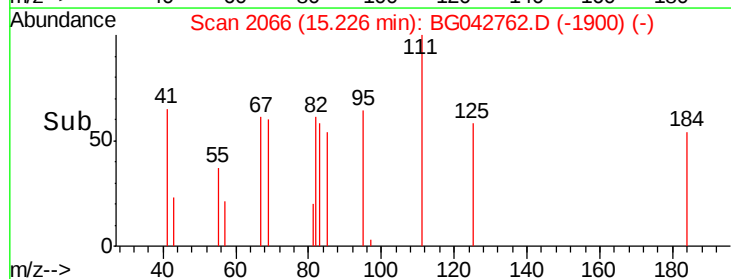
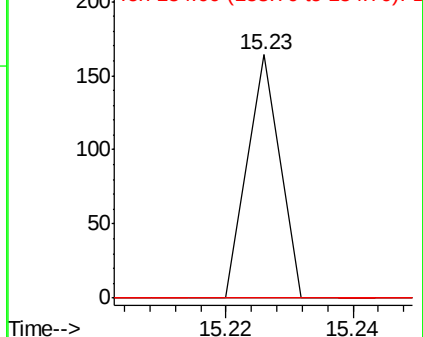


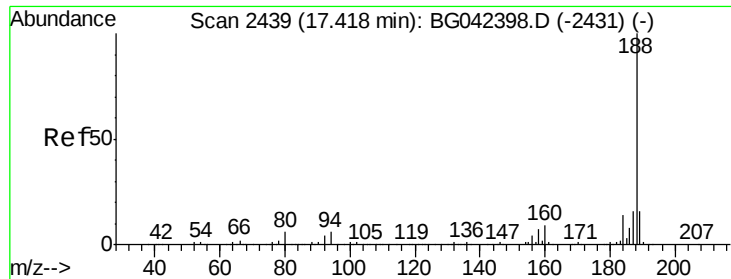
Abundance

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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042762.D

Acq: 7 Sep 2019 00:20

Instrument :

BNA_G

ClientSampled :

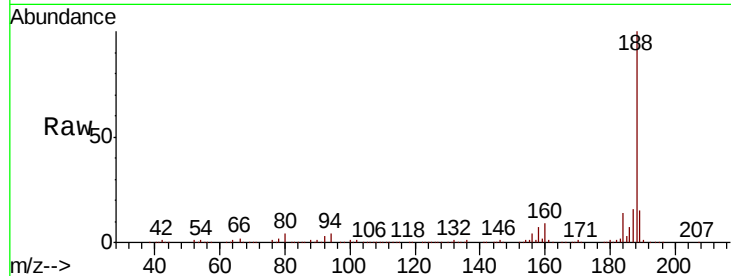
Tot Ion:188 Resp: 276703

Ion Ratio Lower Upper

188 100

94 4.4 4.5 6.7#

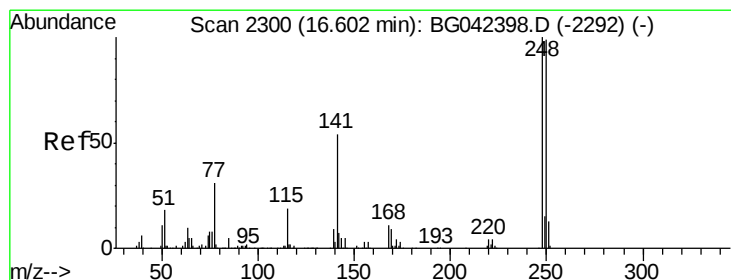
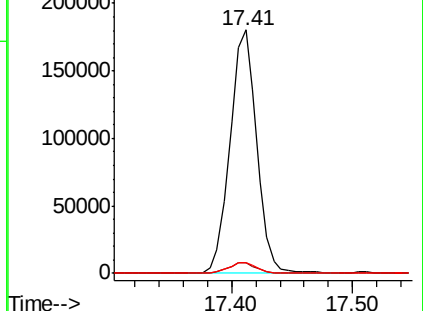
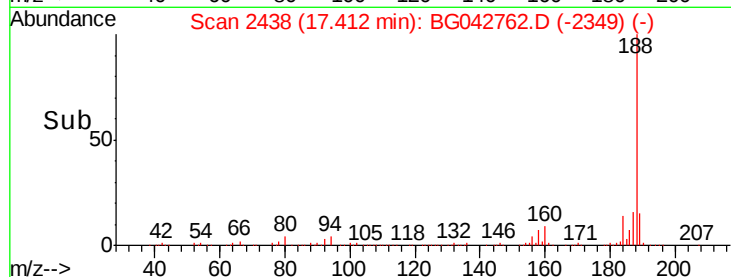
80 4.3 4.9 7.3#



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



#67

4-Bromophenyl-phenylether

Concen: 4.695 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.45 min

Lab File: BG042762.D

Acq: 7 Sep 2019 00:20

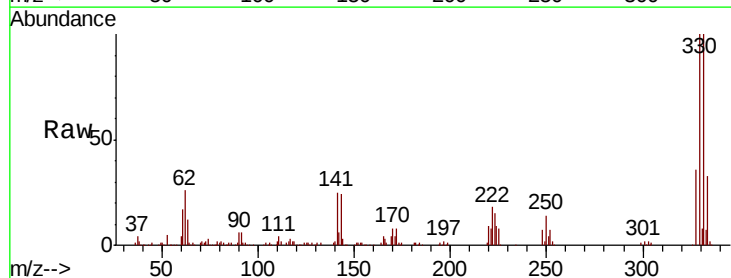
Tgt Ion:248 Resp: 16477

Ion Ratio Lower Upper

248 100

250 193.4 78.9 118.3#

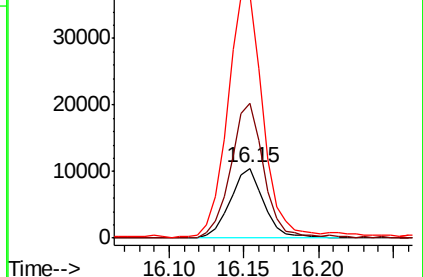
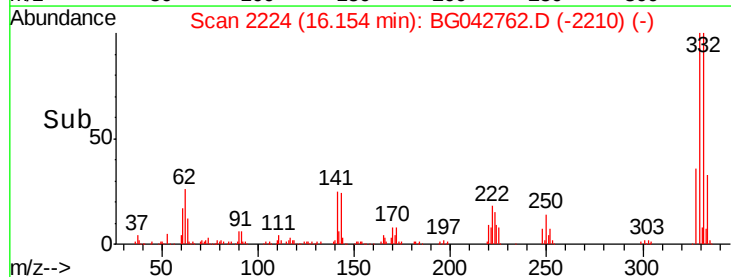
141 350.3 43.3 64.9#

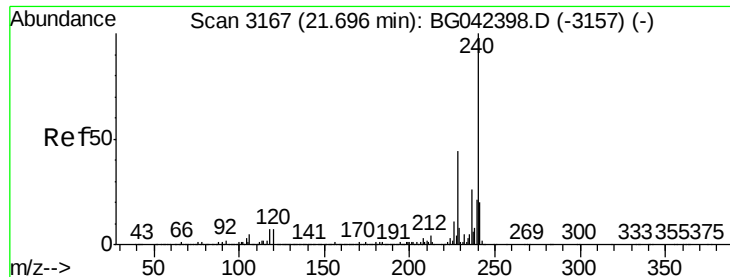


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042762.D

Acq: 7 Sep 2019 00:20

Instrument :

BNA_G

ClientSampleId :

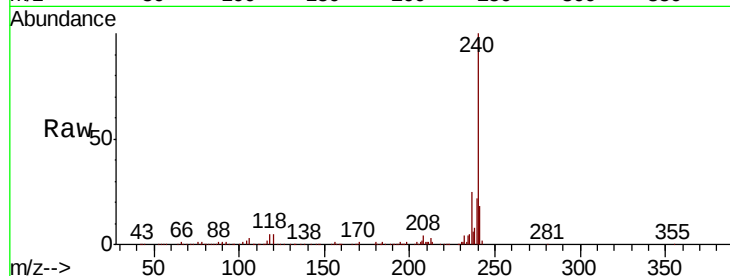
Tot Ion:240 Resp: 232187

Ion Ratio Lower Upper

240 100

120 5.0 5.7 8.5#

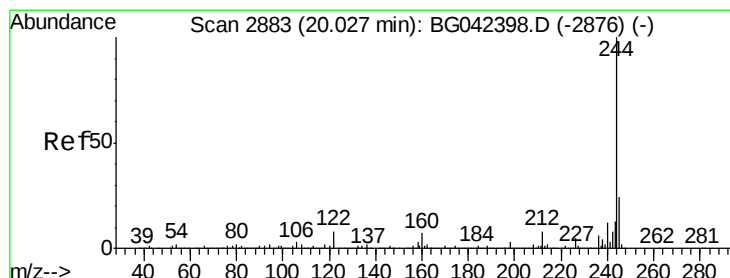
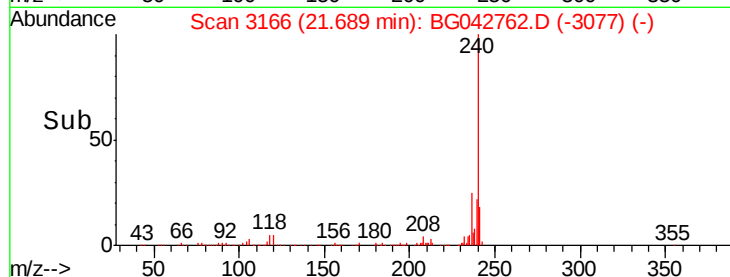
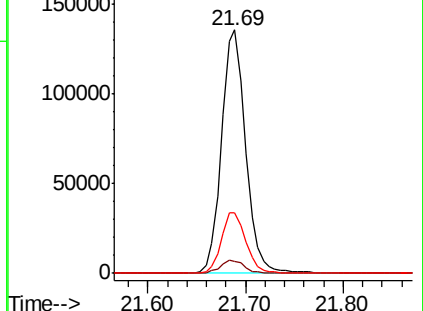
236 24.8 21.0 31.4



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: 89.611 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042762.D

Acq: 7 Sep 2019 00:20

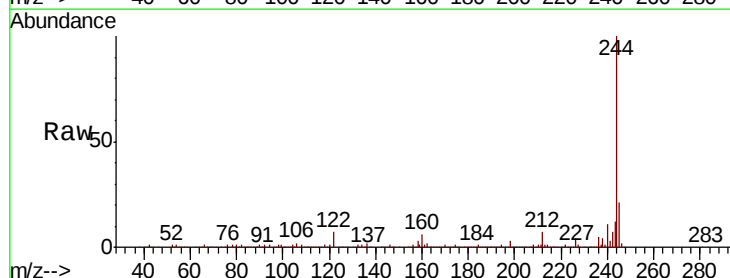
Tgt Ion:244 Resp: 962413

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

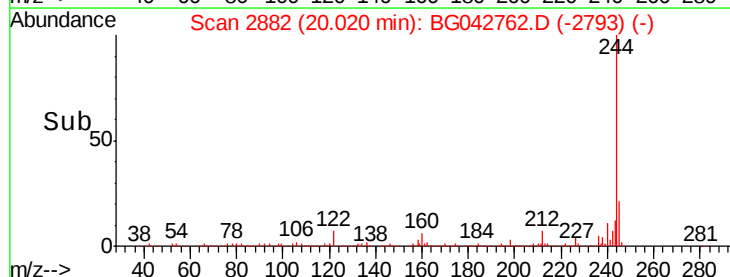
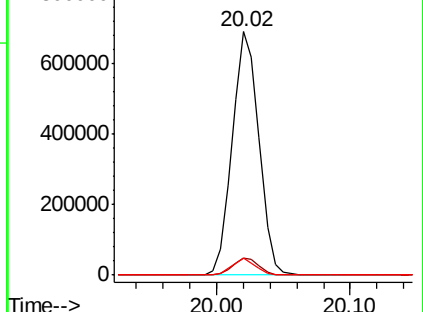
122 6.8 6.7 10.1

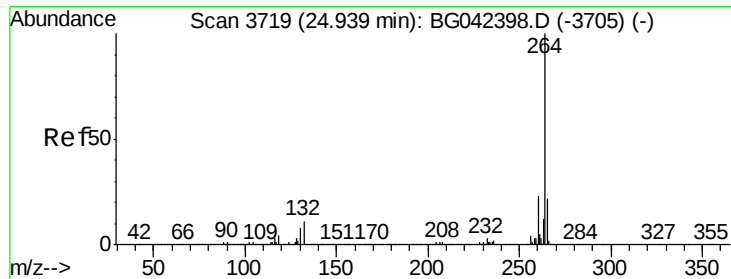


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.00 min
Lab File: BG042762.D
Acq: 7 Sep 2019 00:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	22.2	17.6	26.4

