

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042864.D
 Acq On : 17 Sep 2019 00:56
 Operator : HP/JU
 Sample : K4871-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 17 04:38:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	118765	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	462522	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	297595	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	614465	20.00	ng	0.00
76) Chrysene-d12	21.76	240	579270	20.00	ng	0.00
87) Perylene-d12	25.03	264	660443	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	418174	61.21	ng	0.00
7) Phenol-d6	7.27	99	403818	41.18	ng	0.00
23) Nitrobenzene-d5	9.28	82	891430	100.34	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	554966	140.17	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1733689	92.22	ng	0.00
79) Terphenyl-d14	20.09	244	2292999	87.73	ng	0.00

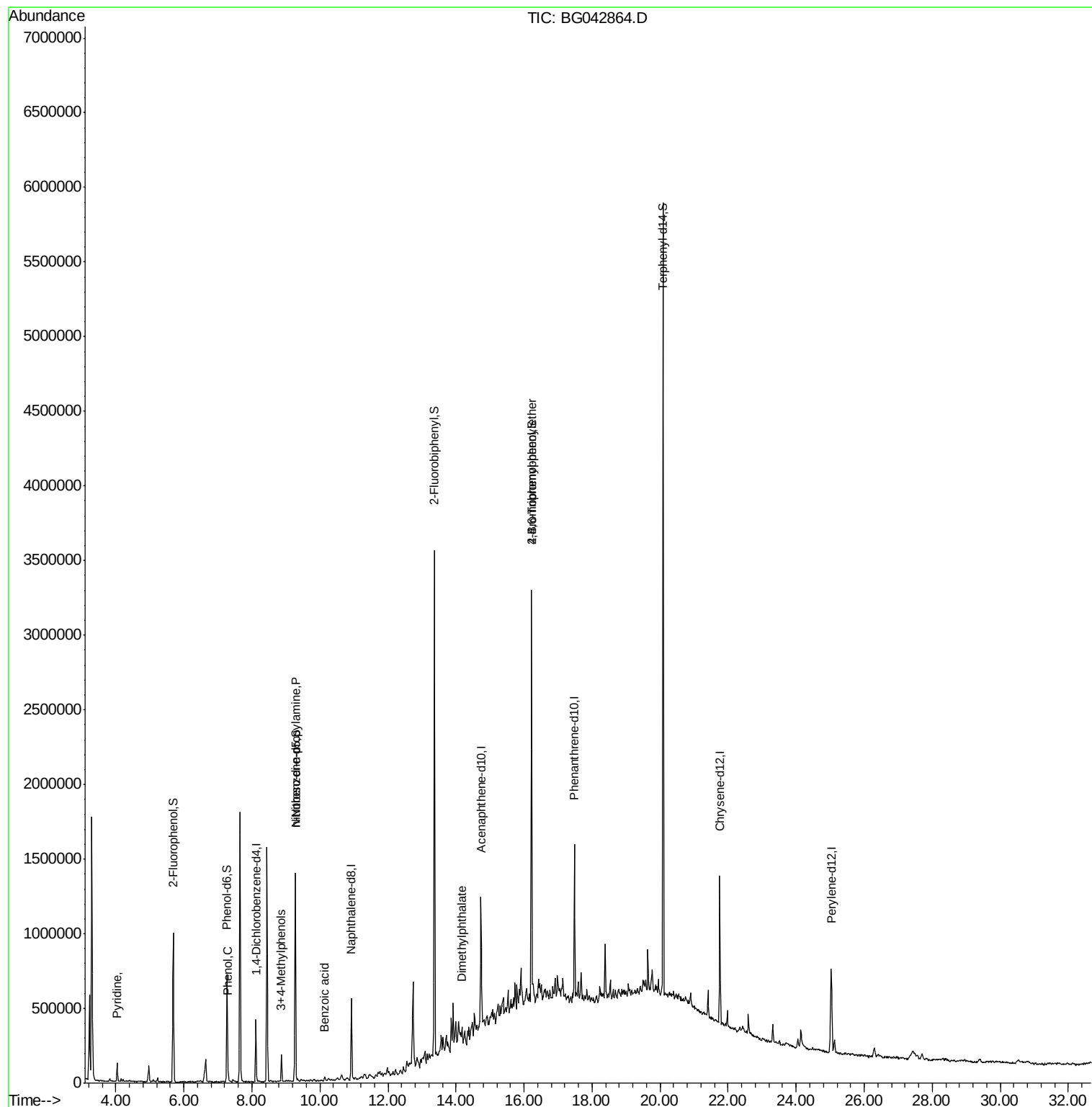
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	4.04	79	36728	3.913	ng	# 14
10) Phenol	7.29	94	55008	5.470	ng	96
19) n-Nitroso-di-n-propylamine	9.27	70	122747	16.989	ng	# 68
20) 3+4-Methylphenols	8.87	107	83034	8.954	ng	91
32) Benzoic acid	10.14	122	8571	7.395	ng	98
50) Dimethylphthalate	14.18	163	46746	2.097	ng	99
67) 4-Bromophenyl-phenylether	16.22	248	37322	5.018	ng	# 1

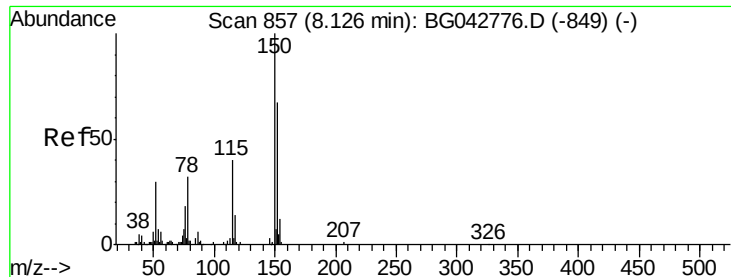
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration



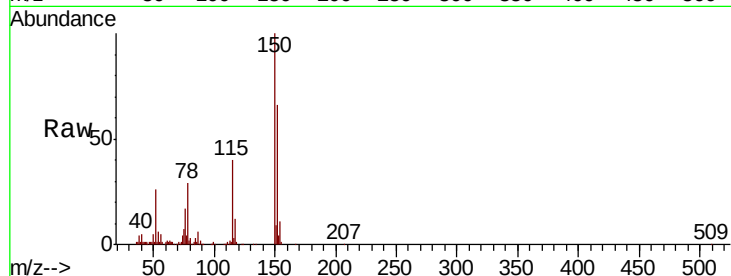


#1

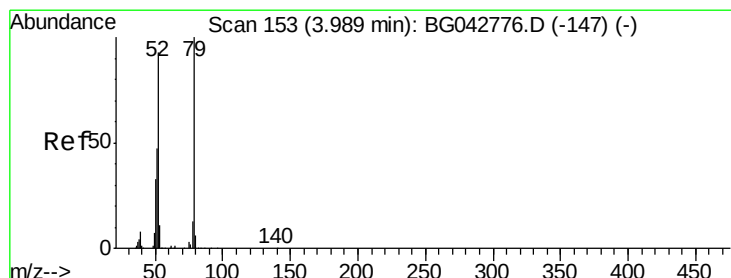
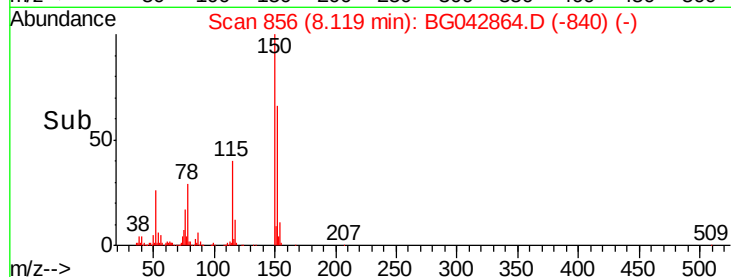
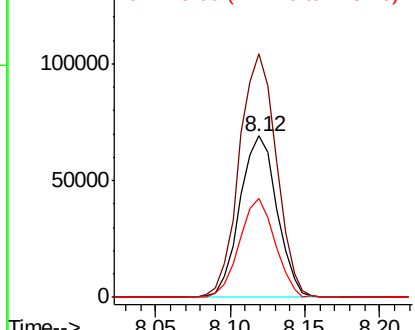
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042864.D
Acq: 17 Sep 2019 00:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 118765
Ion Ratio Lower Upper
152 100
150 150.6 118.9 178.3
115 61.0 47.4 71.2



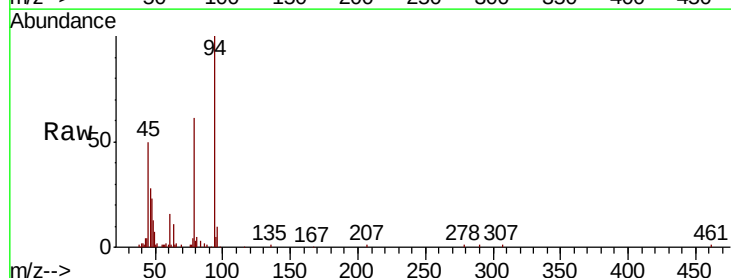
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



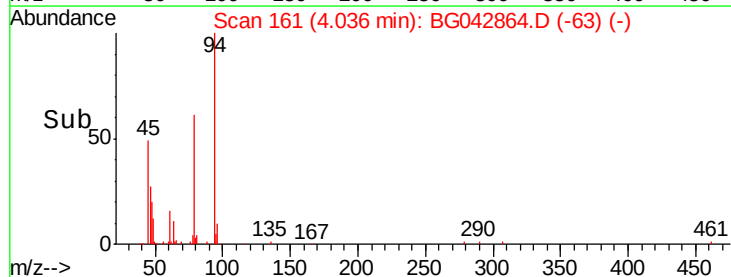
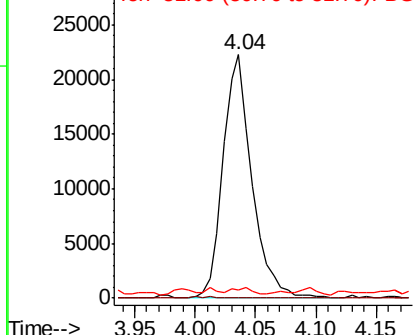
#3

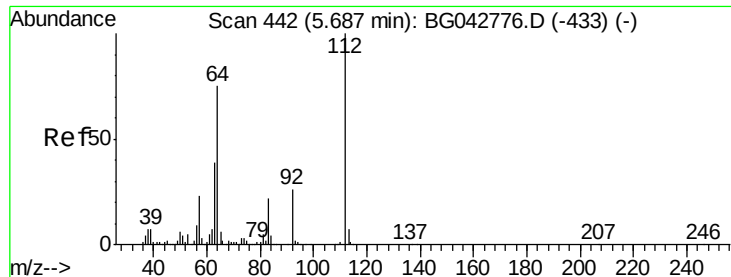
Pyridine
Concen: 3.913 ng
RT: 4.04 min Scan# 161
Delta R.T. 0.05 min
Lab File: BG042864.D
Acq: 17 Sep 2019 00:56

Tgt Ion: 79 Resp: 36728
Ion Ratio Lower Upper
79 100
52 0.0 74.0 111.0#
51 3.4 37.5 56.3#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC





#5

2-Fluorophenol

Concen: 61.215 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042864.D

Acq: 17 Sep 2019 00:56

Instrument :

BNA_G

ClientSampleId :

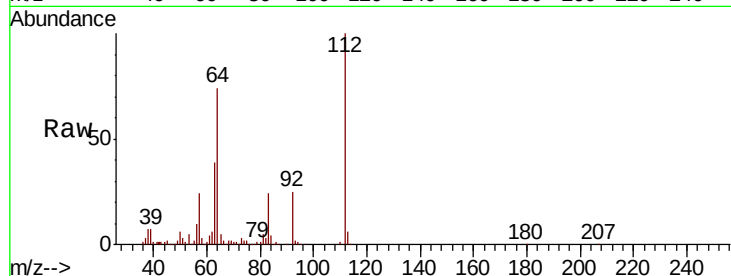
Tot Ion: 112 Resp: 418174

Ion Ratio Lower Upper

112 100

64 73.6 60.2 90.2

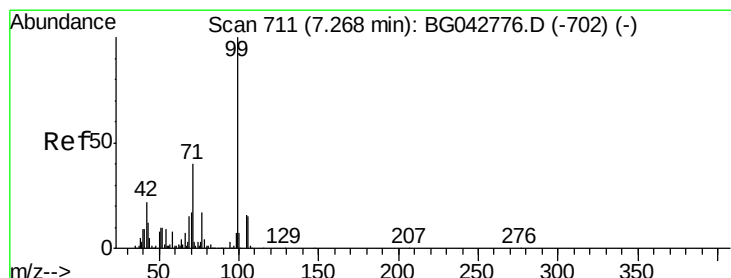
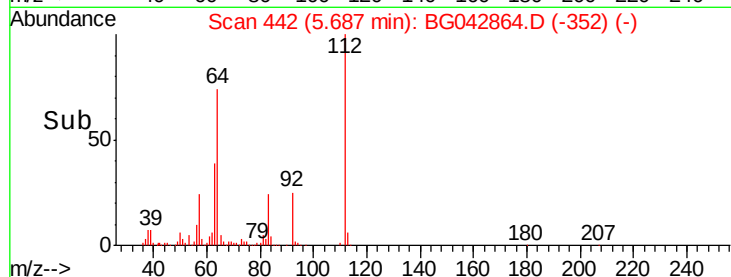
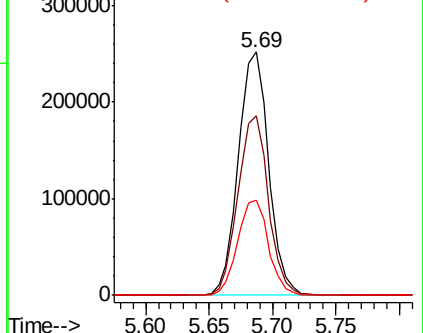
63 39.2 31.2 46.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 41.184 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042864.D

Acq: 17 Sep 2019 00:56

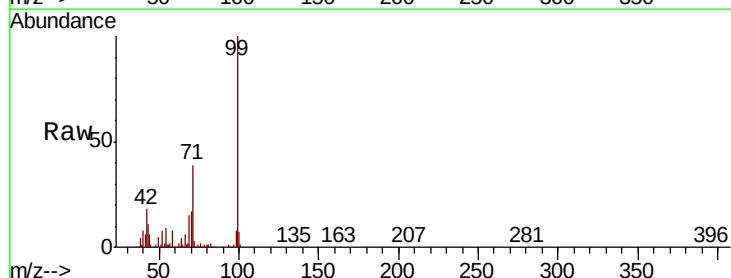
Tgt Ion: 99 Resp: 403818

Ion Ratio Lower Upper

99 100

42 18.4 17.5 26.3

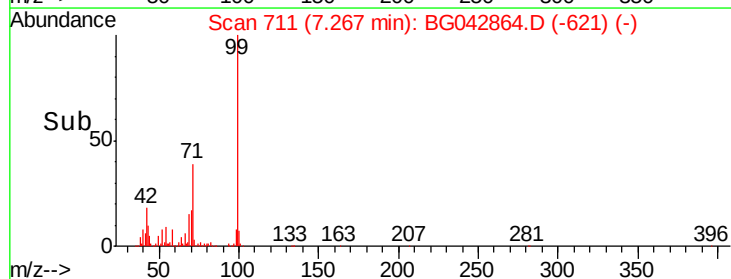
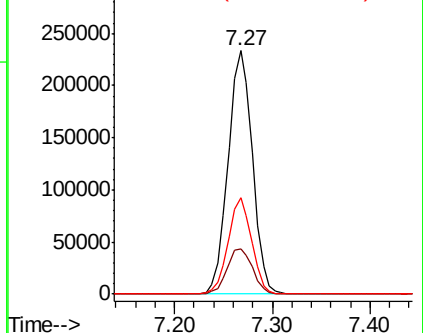
71 39.4 32.0 48.0

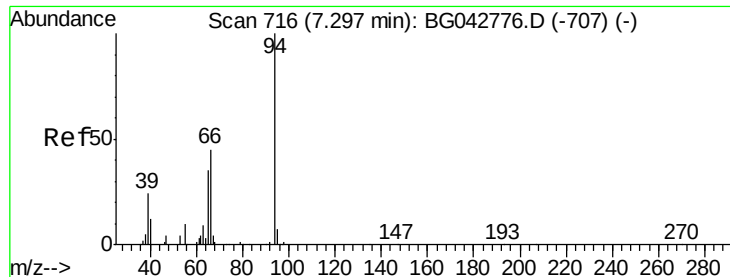


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#10

Phenol

Concen: 5.470 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG042864.D

Acq: 17 Sep 2019 00:56

Instrument :

BNA_G

ClientSampleId :

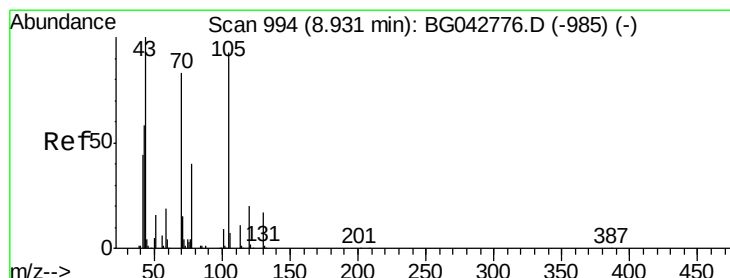
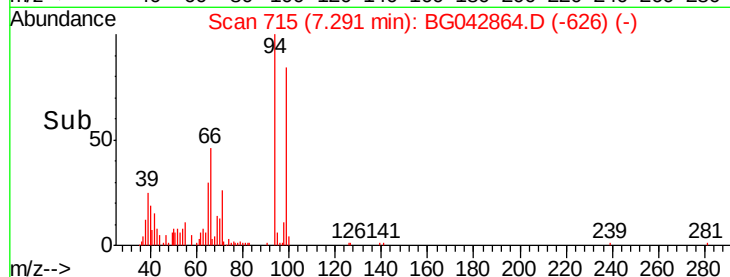
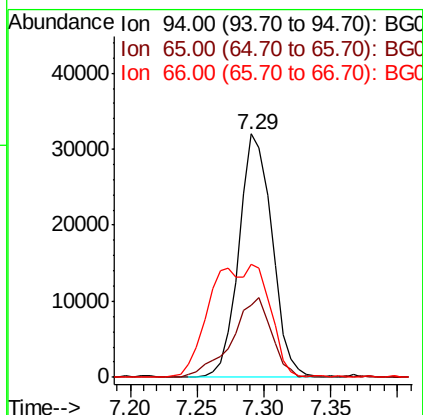
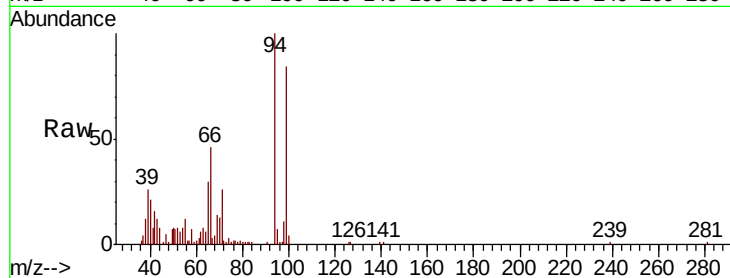
Tot Ion: 94 Resp: 55008

Ion Ratio Lower Upper

94 100

65 29.7 15.0 55.0

66 46.5 26.1 66.1



#19

n-Nitroso-di-n-propylamine

Concen: 16.989 ng

RT: 9.27 min Scan# 1052

Delta R.T. 0.34 min

Lab File: BG042864.D

Acq: 17 Sep 2019 00:56

Tgt Ion: 70 Resp: 122747

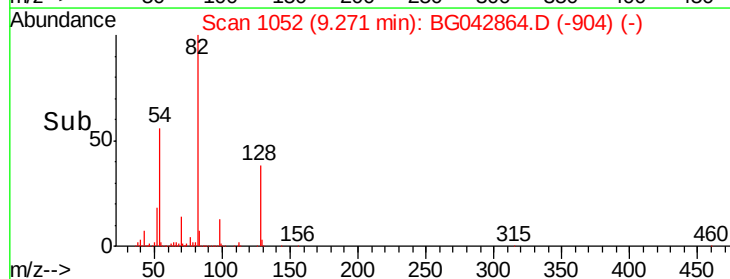
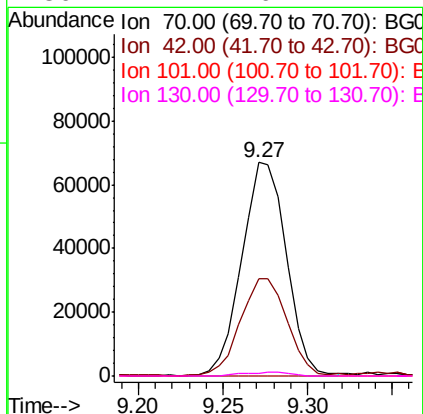
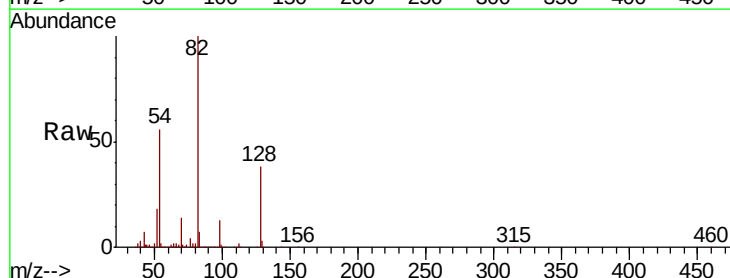
Ion Ratio Lower Upper

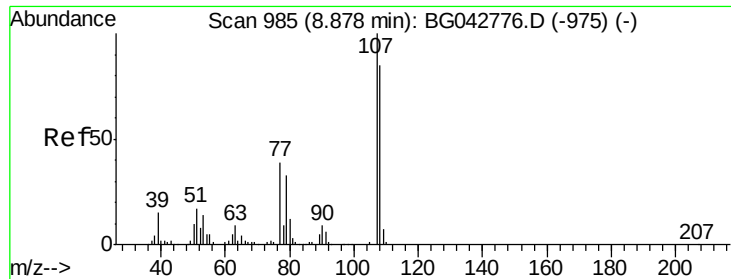
70 100

42 45.8 57.0 85.6#

101 0.0 8.4 12.6#

130 1.4 16.1 24.1#

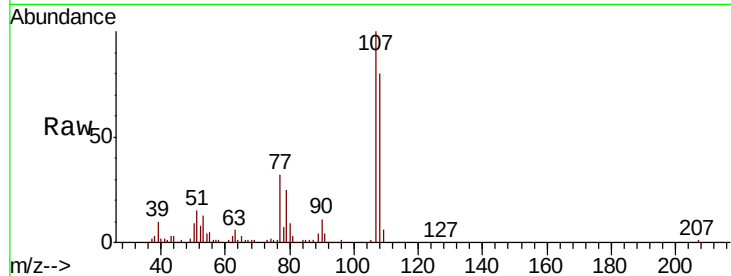




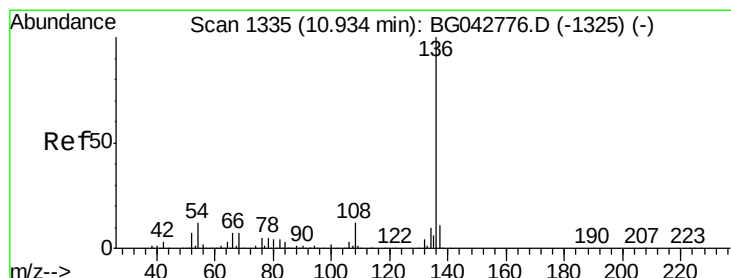
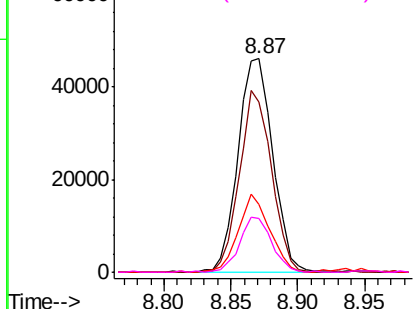
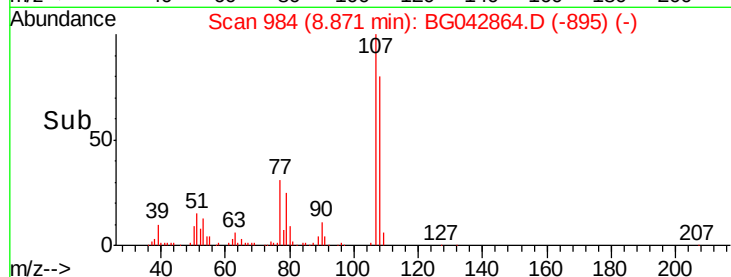
#20
3+4-Methylphenols
Concen: 8.954 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG042864.D
Acq: 17 Sep 2019 00:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107	Resp:	83034
Ion Ratio	Lower	Upper
107	100	
108	79.7	65.4 105.4
77	31.6	18.7 58.7
79	25.5	13.7 53.7

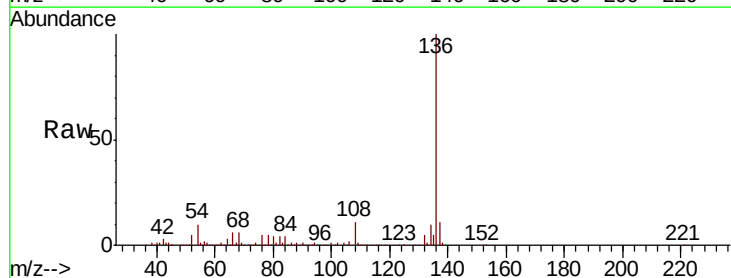


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

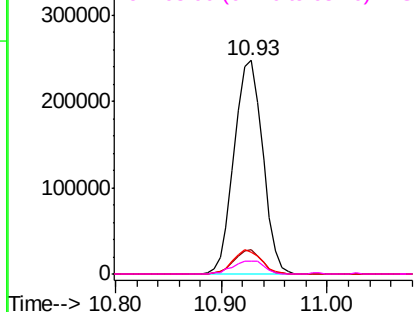
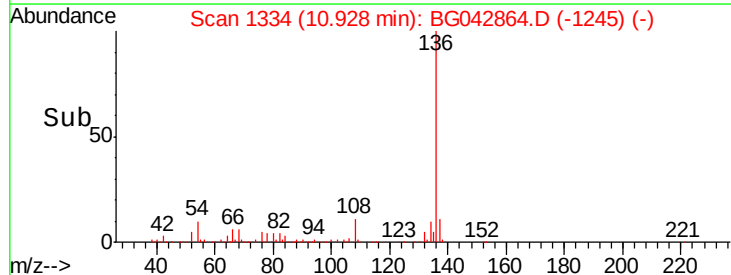


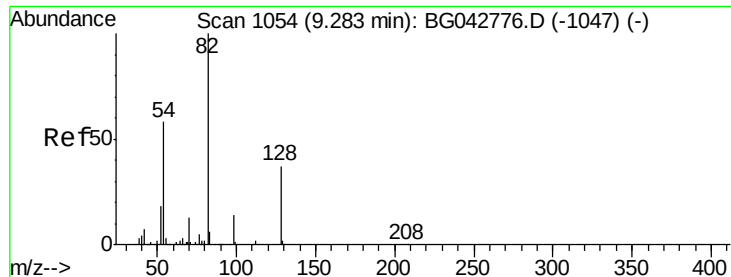
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042864.D
Acq: 17 Sep 2019 00:56

Tgt Ion:136	Resp:	462522
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.0 13.6
54	10.4	9.4 14.0
68	6.0	5.4 8.2



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

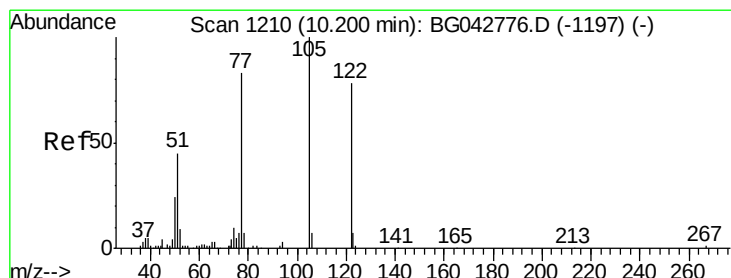
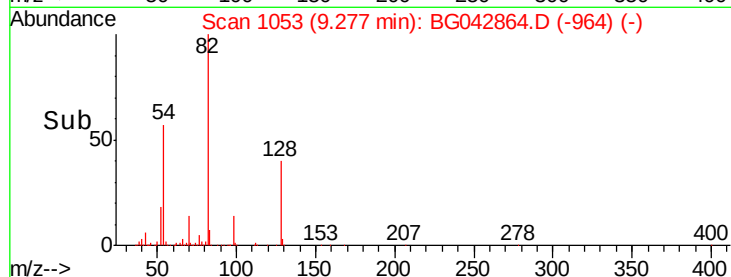
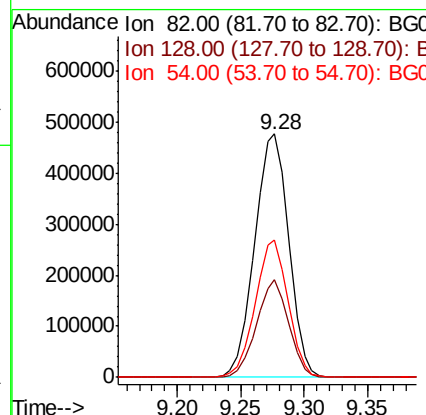
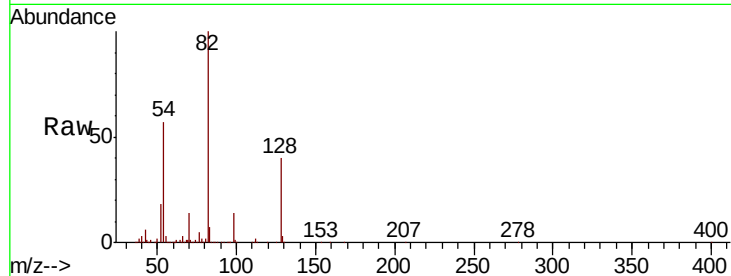




#23
 Nitrobenzene-d5
 Concen: 100.341 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042864.D
 Acq: 17 Sep 2019 00:56

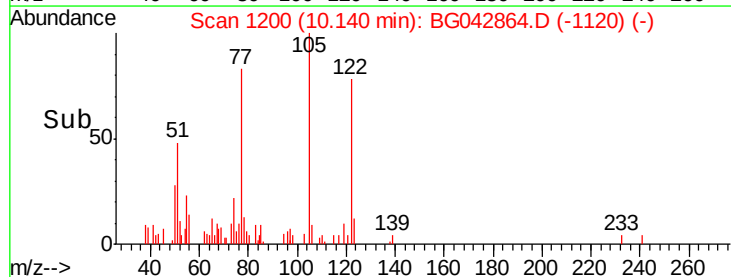
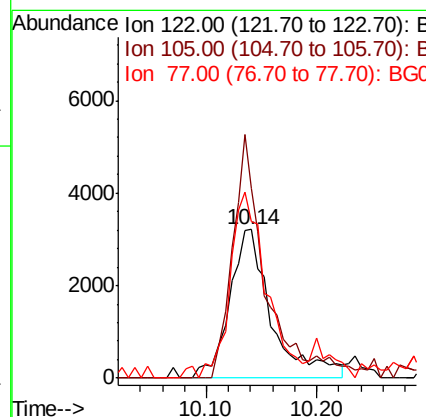
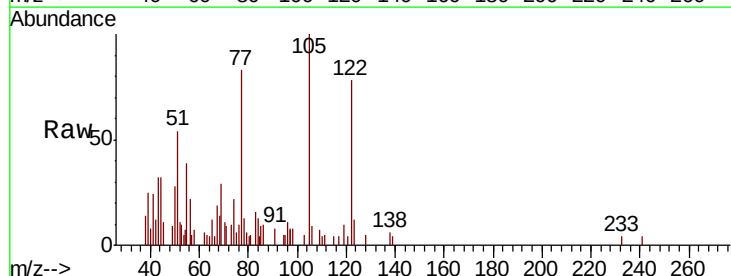
Instrument :
 BNA_G
 ClientSampleId :

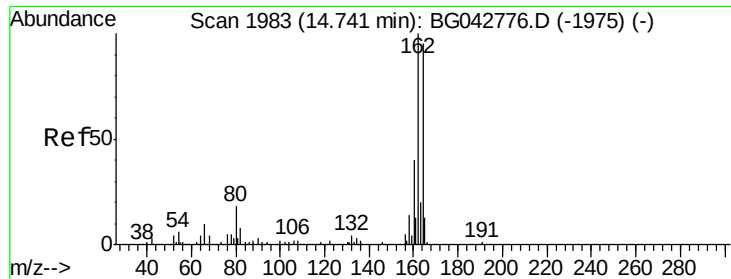
Tot Ion	82	Resp	891430
Ion Ratio	Lower	Upper	
82	100		
128	40.0	29.8	44.8
54	56.6	46.1	69.1



#32
 Benzoic acid
 Concen: 7.395 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.06 min
 Lab File: BG042864.D
 Acq: 17 Sep 2019 00:56

Tgt Ion	122	Resp	8571
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
122	100		
105	127.6	104.0	144.0
77	105.3	84.2	124.2

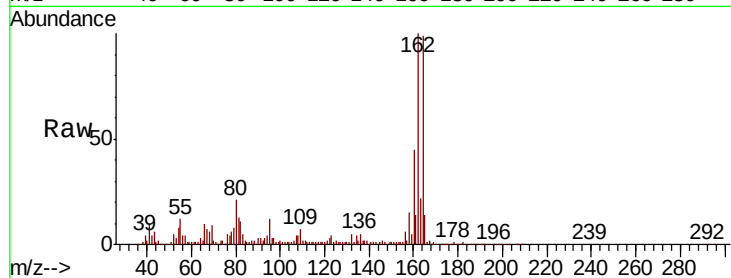




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042864.D
Acq: 17 Sep 2019 00:56

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	84.6	126.8
160	45.8	34.2	51.2

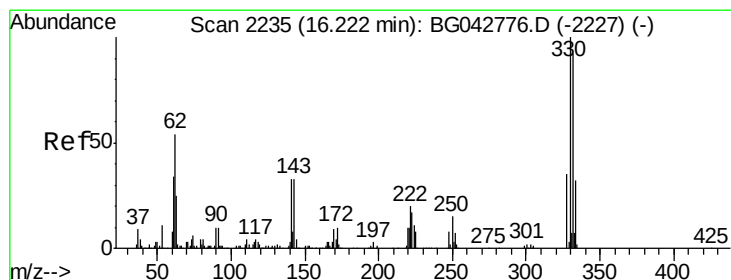
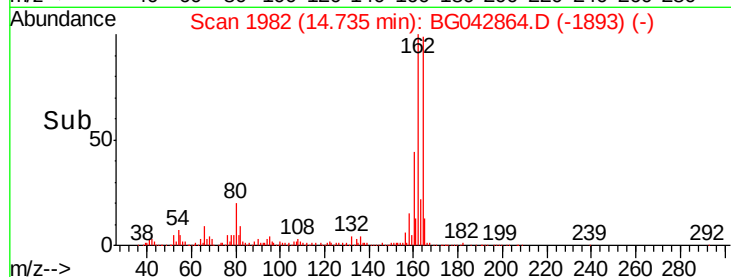
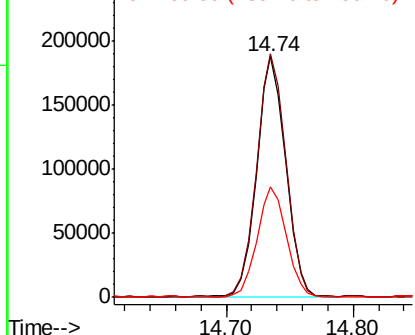


Abundance

Ion 164.00 (163.70 to 164.70): E

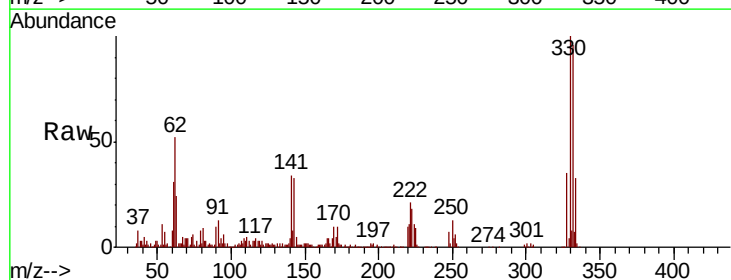
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 140.169 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG042864.D
Acq: 17 Sep 2019 00:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.7	115.1
141	34.9	27.0	40.6

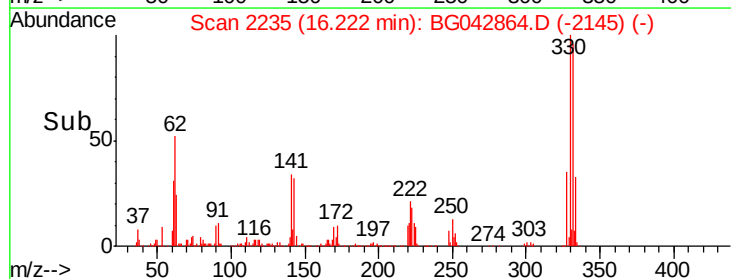
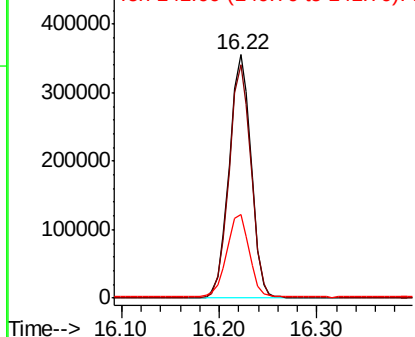


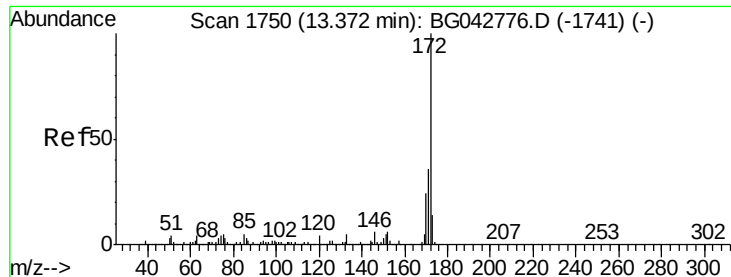
Abundance

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



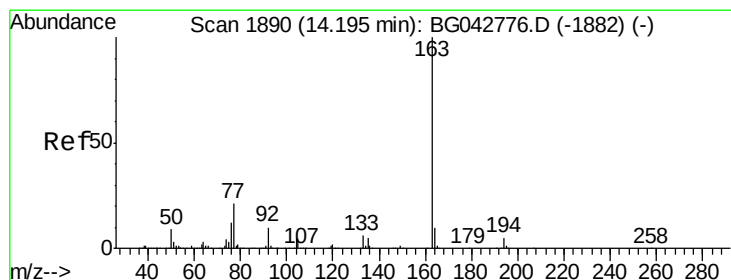
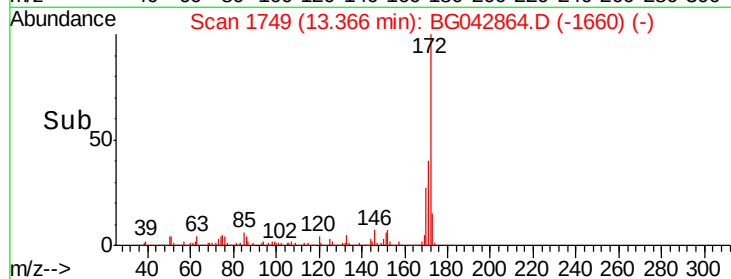
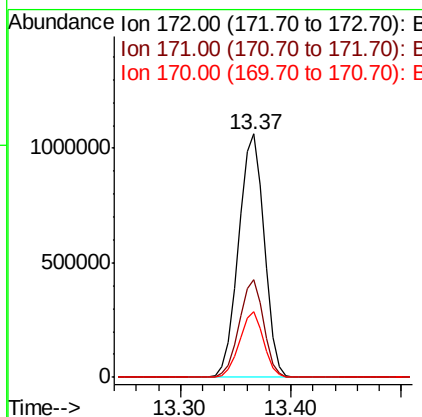
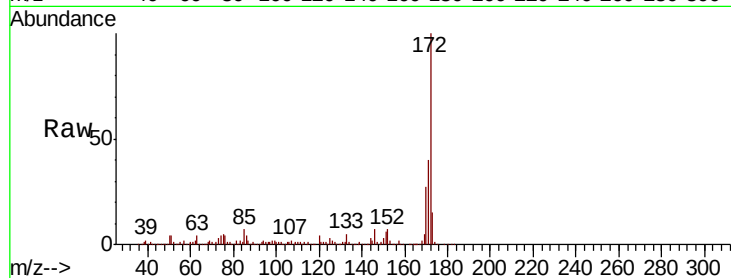


#45
 2-Fluorobiphenyl
 Concen: 92.216 ng
 RT: 13.37 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042864.D
 Acq: 17 Sep 2019 00:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1733689

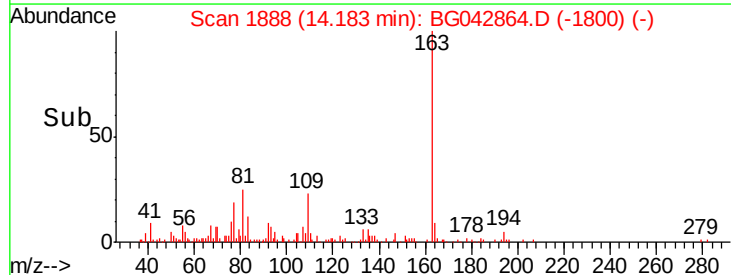
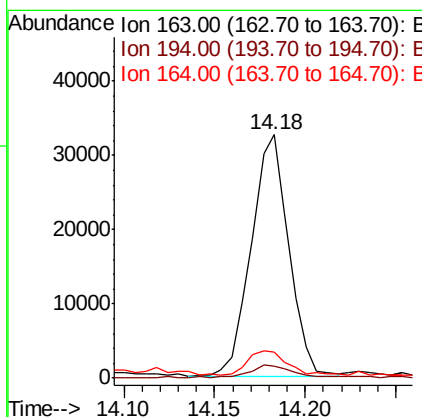
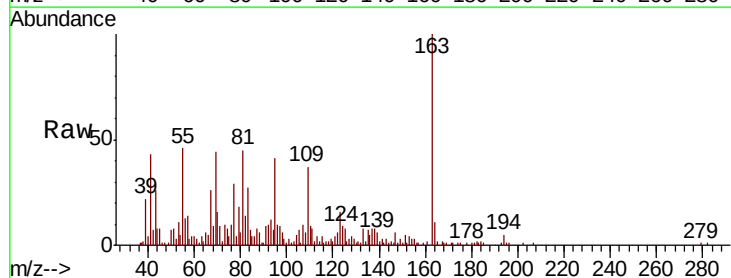
Ion	Ratio	Lower	Upper
172	100		
171	40.0	28.9	43.3
170	27.0	19.1	28.7

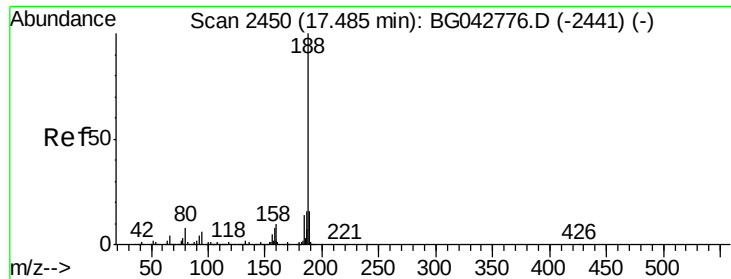


#50
 Dimethylphthalate
 Concen: 2.097 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BG042864.D
 Acq: 17 Sep 2019 00:56

Tgt Ion:163 Resp: 46746

Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.2	6.4
164	10.9	8.4	12.6

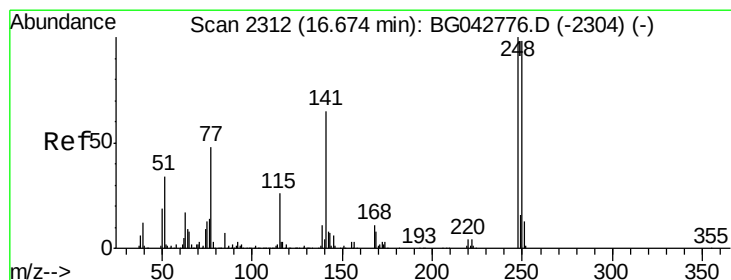
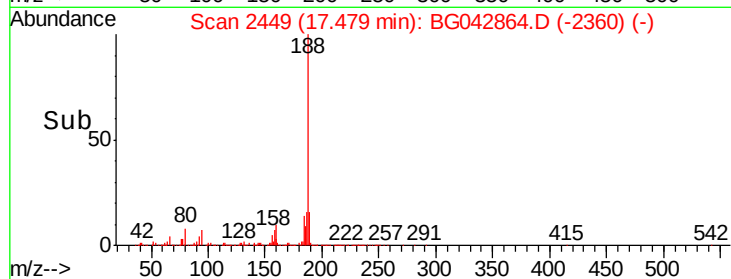
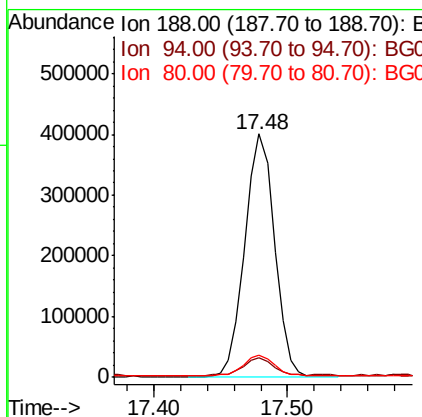
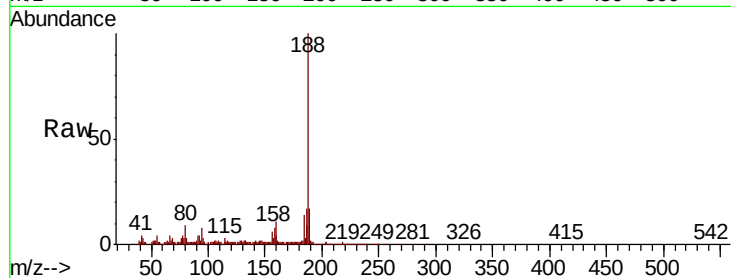




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG042864.D
 Acq: 17 Sep 2019 00:56

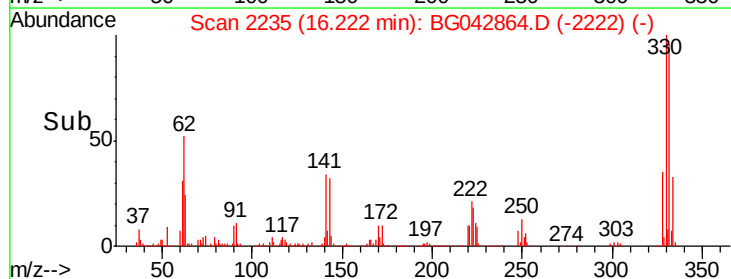
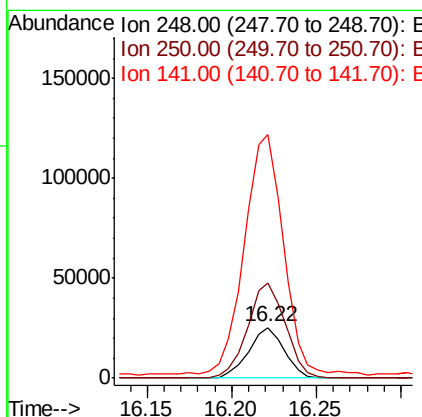
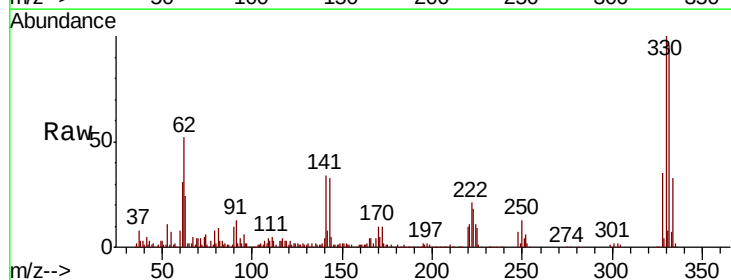
Instrument :
 BNA_G
 ClientSampleId :

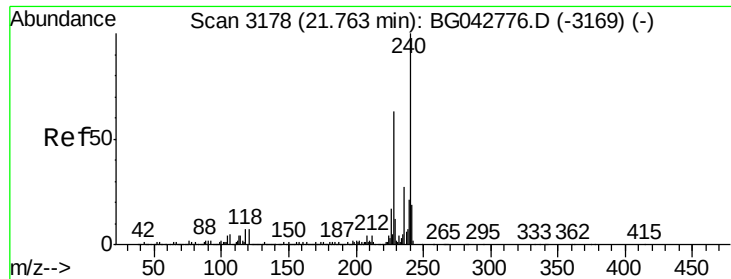
Tot Ion:188 Resp: 614465
 Ion Ratio Lower Upper
 188 100
 94 7.9 4.8 7.2#
 80 9.3 6.6 9.8



#67
 4-Bromophenyl-phenylether
 Concen: 5.018 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.45 min
 Lab File: BG042864.D
 Acq: 17 Sep 2019 00:56

Tgt Ion:248 Resp: 37322
 Ion Ratio Lower Upper
 248 100
 250 188.7 78.0 117.0#
 141 480.7 51.8 77.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042864.D

Acq: 17 Sep 2019 00:56

Instrument :

BNA_G

ClientSampled :

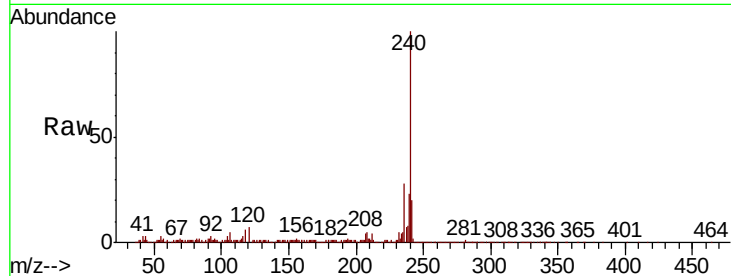
Tot Ion:240 Resp: 579270

Ion Ratio Lower Upper

240 100

120 7.2 5.4 8.2

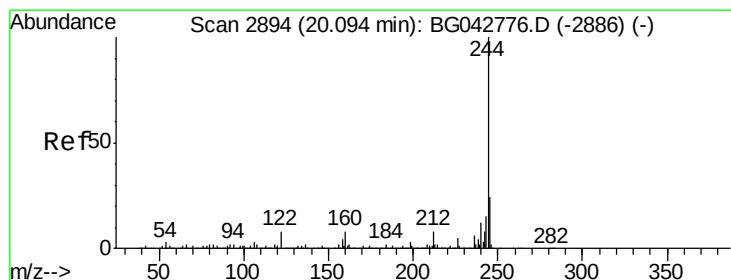
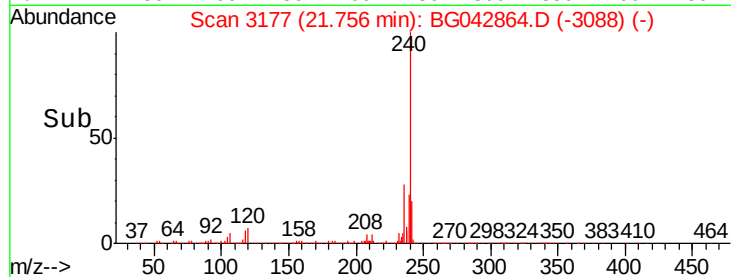
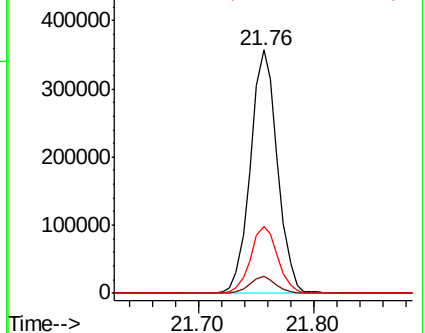
236 27.6 21.7 32.5



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: 87.730 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042864.D

Acq: 17 Sep 2019 00:56

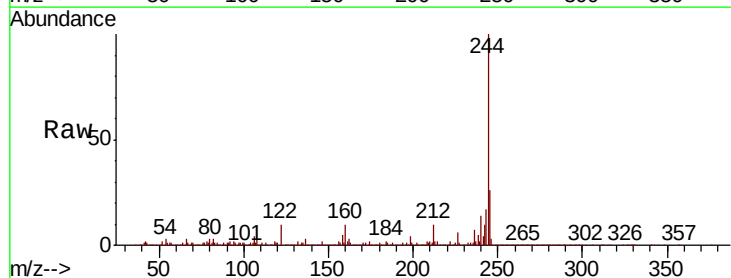
Tgt Ion:244 Resp: 2292999

Ion Ratio Lower Upper

244 100

212 9.9 6.6 10.0

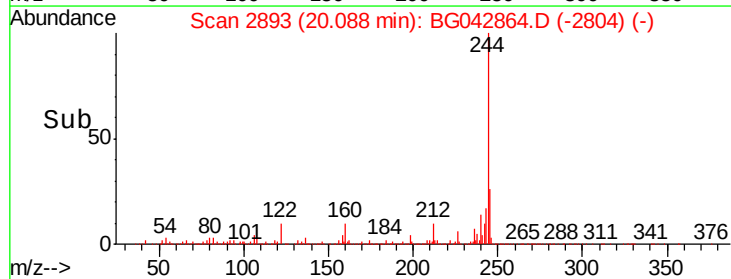
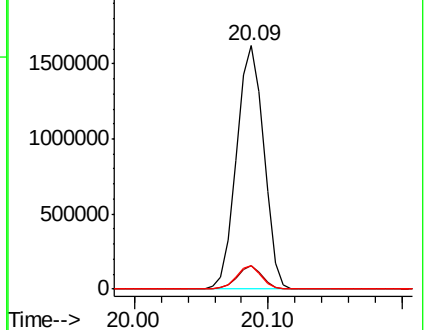
122 9.8 6.2 9.4#

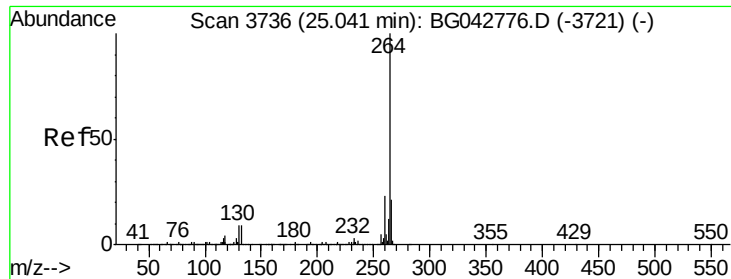


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.03 min Scan# 3734
Delta R.T. -0.01 min
Lab File: BG042864.D
Acq: 17 Sep 2019 00:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.2	27.2
265	21.8	16.9	25.3

