

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
 Data File : BG042830.D
 Acq On : 13 Sep 2019 23:38
 Operator : HP/JU
 Sample : K4846-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 14 07:01:55 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

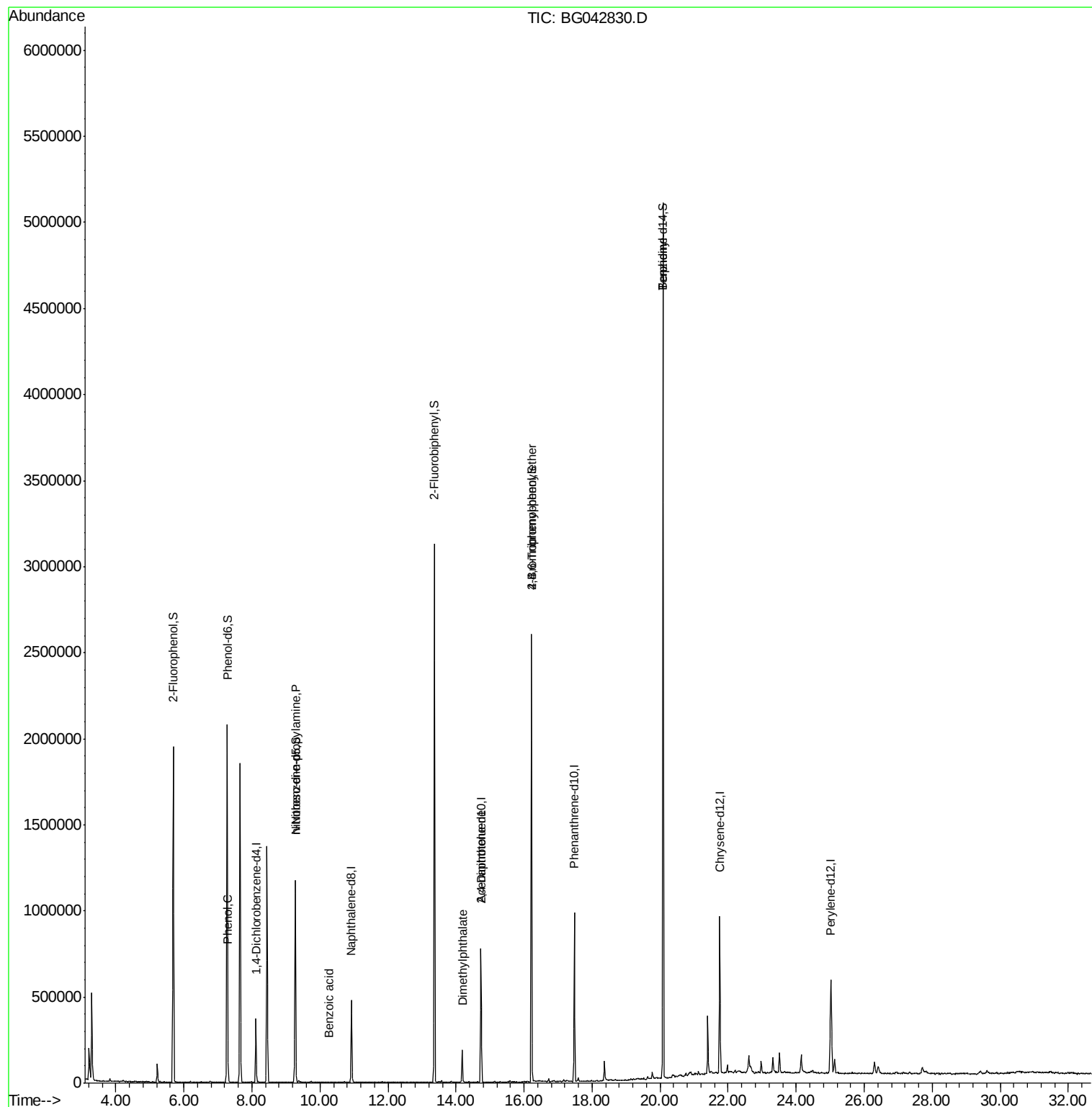
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	100909	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	393126	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	277531	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	607560	20.00	ng	0.00
76) Chrysene-d12	21.75	240	573577	20.00	ng	-0.01
87) Perylene-d12	25.02	264	634786	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	768189	132.35	ng	0.00
7) Phenol-d6	7.27	99	1159023	139.12	ng	0.00
23) Nitrobenzene-d5	9.28	82	732838	97.05	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	495691	134.25	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1582008	90.23	ng	0.00
79) Terphenyl-d14	20.09	244	2344842	90.60	ng	0.00
Target Compounds						
10) Phenol	7.30	94	41826	4.896	ng	90
19) n-Nitroso-di-n-propylamine	9.28	70	102981	16.775	ng	# 66
32) Benzoic acid	10.26	122	53	5.975	ng	# 1
50) Dimethylphthalate	14.18	163	120619	5.802	ng	# 95
57) 2,4-Dinitrotoluene	14.73	165	36955	6.499	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	34632	4.709	ng	# 1
77) Benzidine	20.08	184	40902	2.552	ng	# 91

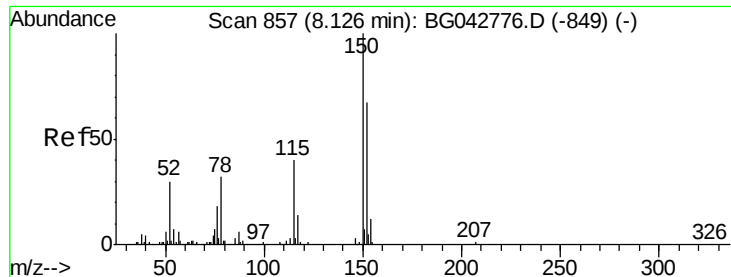
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 14 07:01:55 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



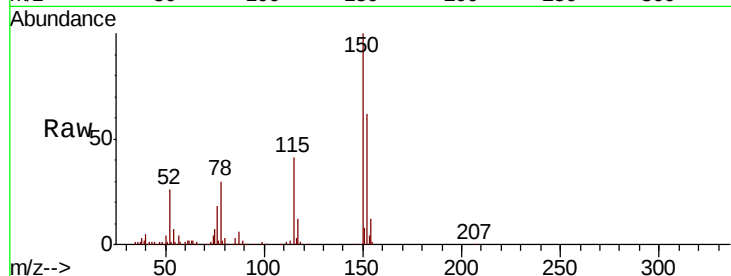


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042830.D
Acq: 13 Sep 2019 23:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	118.9	178.3
115	66.4	47.4	71.2

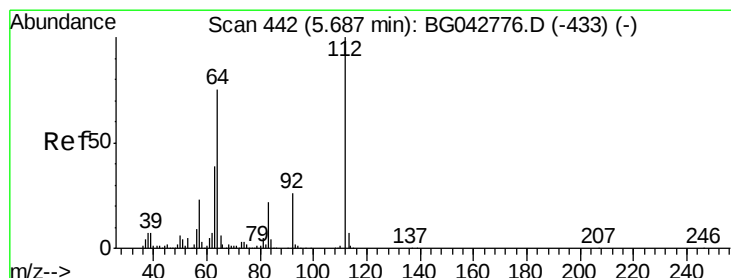
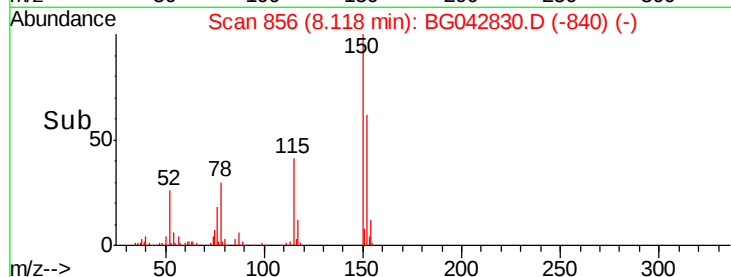
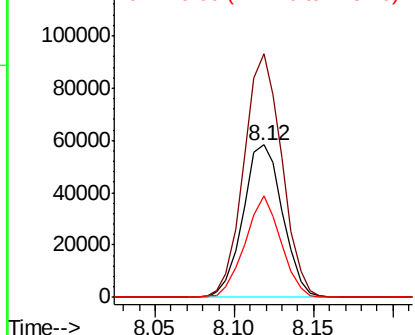


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

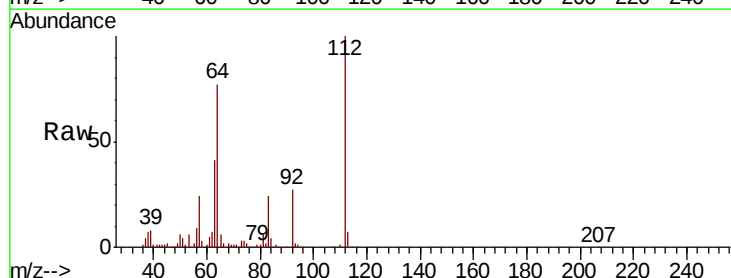
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 132.350 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042830.D
Acq: 13 Sep 2019 23:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.2	60.2	90.2
63	41.2	31.2	46.8

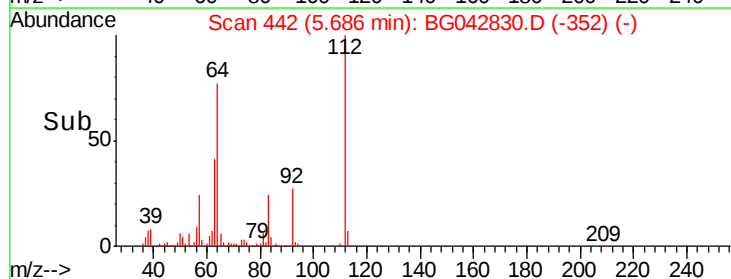
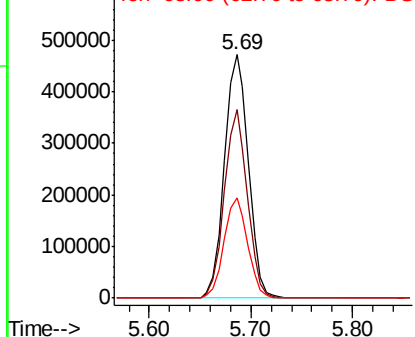


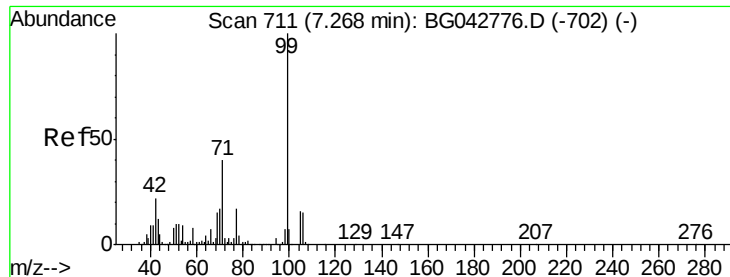
Abundance

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: 139.122 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042830.D

Acq: 13 Sep 2019 23:38

Instrument :

BNA_G

ClientSampleId :

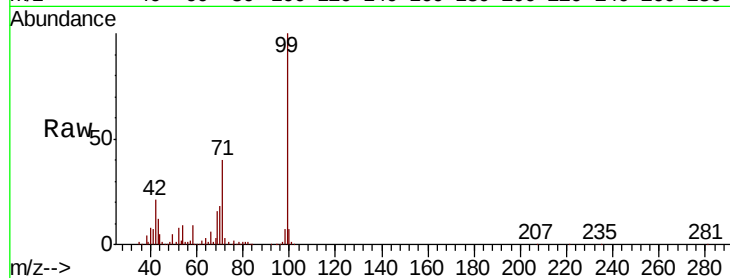
Tot Ion: 99 Resp: 1159023

Ion Ratio Lower Upper

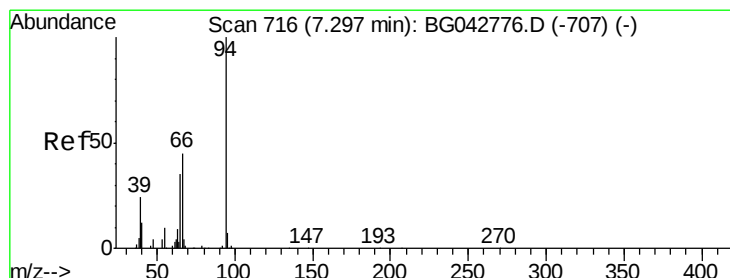
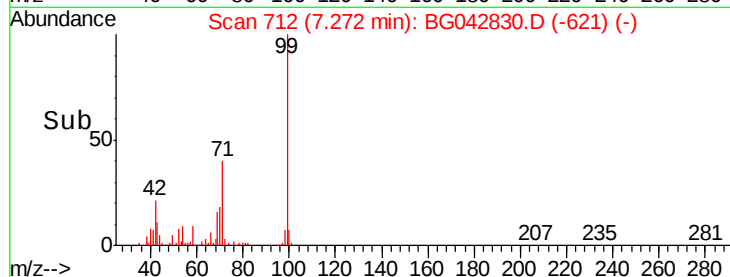
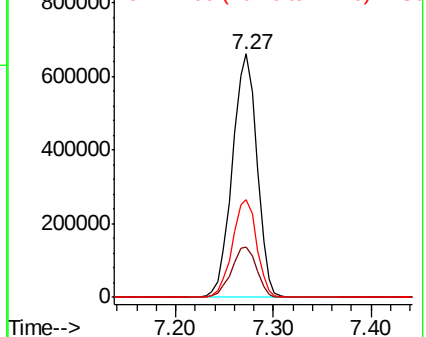
99 100

42 20.8 17.5 26.3

71 40.2 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: 4.896 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042830.D

Acq: 13 Sep 2019 23:38

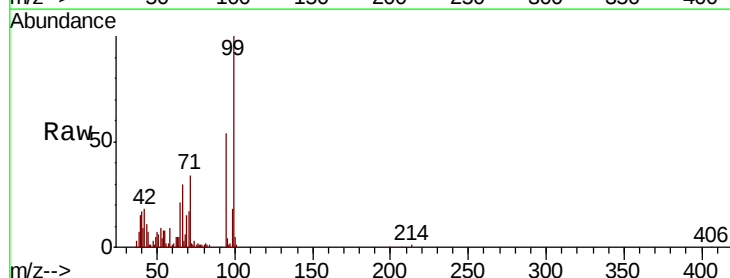
Tgt Ion: 94 Resp: 41826

Ion Ratio Lower Upper

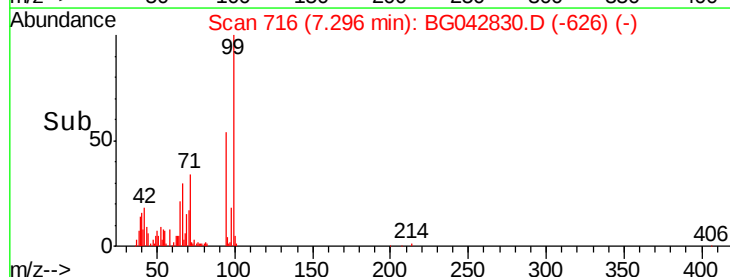
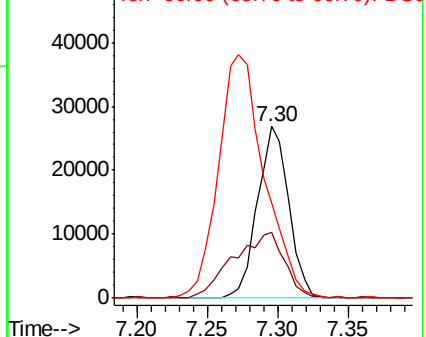
94 100

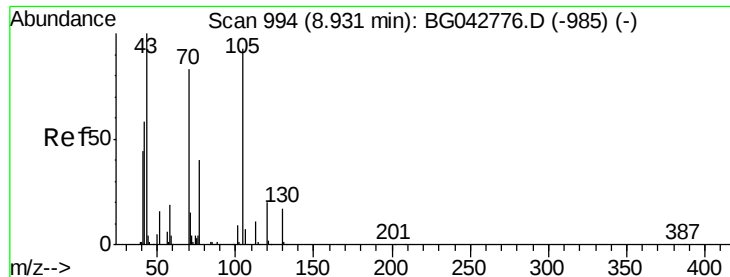
65 38.6 15.0 55.0

66 55.2 26.1 66.1



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

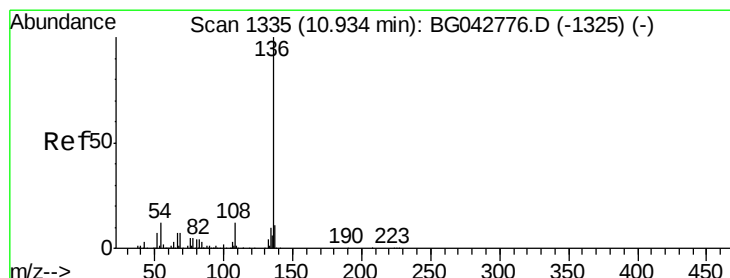
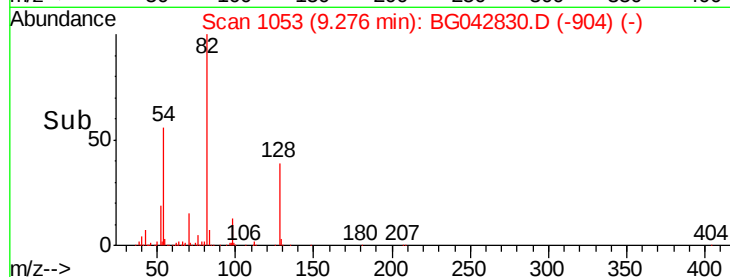
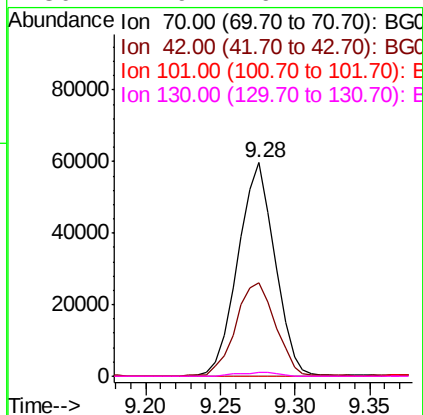
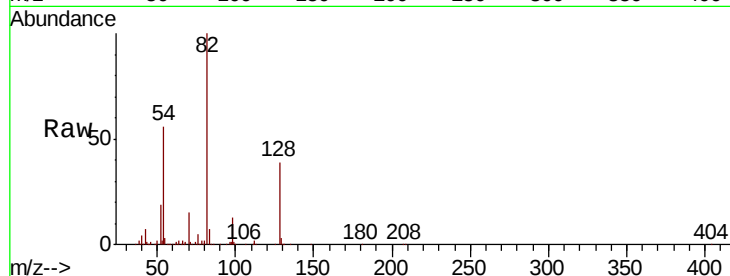




#19
n-Nitroso-di-n-propylamine
Concen: 16.775 ng
RT: 9.28 min Scan# 1053
Delta R.T. 0.35 min
Lab File: BG042830.D
Acq: 13 Sep 2019 23:38

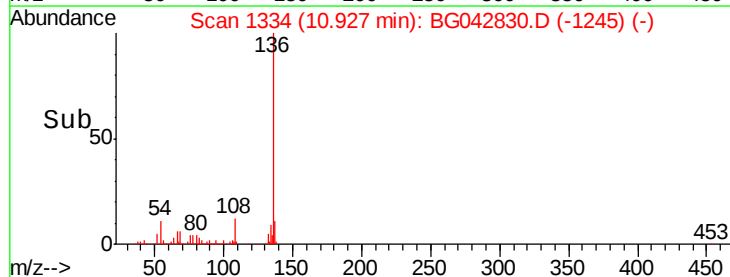
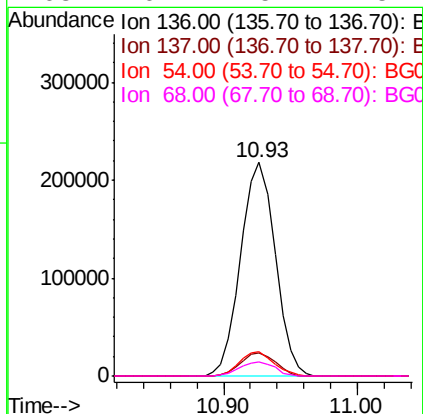
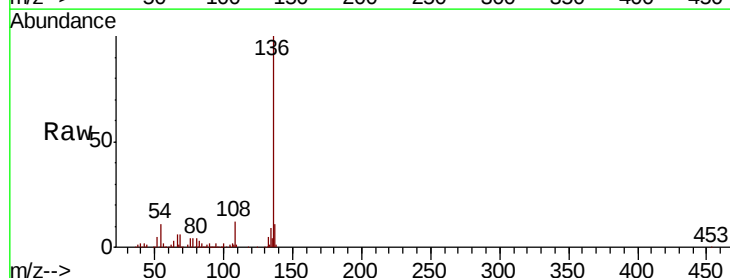
Instrument :
BNA_G
ClientSampleId :

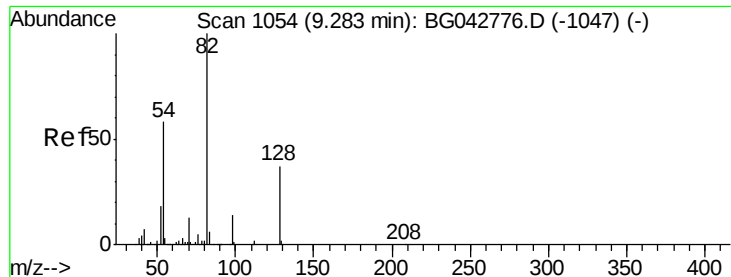
Tot Ion: 70 Resp: 102981
Ion Ratio Lower Upper
70 100
42 43.9 57.0 85.6#
101 0.0 8.4 12.6#
130 1.9 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042830.D
Acq: 13 Sep 2019 23:38

Tgt Ion: 136 Resp: 393126
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 11.3 9.4 14.0
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 97.051 ng

RT: 9.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BG042830.D

Acq: 13 Sep 2019 23:38

Instrument :

BNA_G

ClientSampleId :

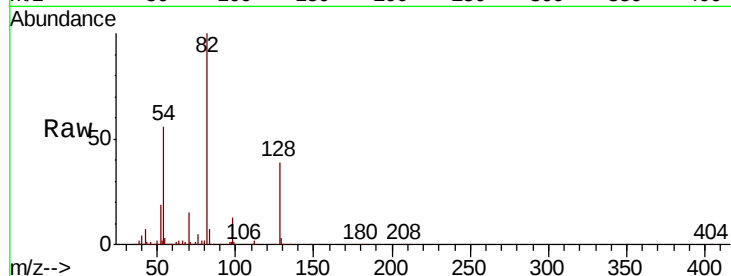
Tot Ion: 82 Resp: 732838

Ion Ratio Lower Upper

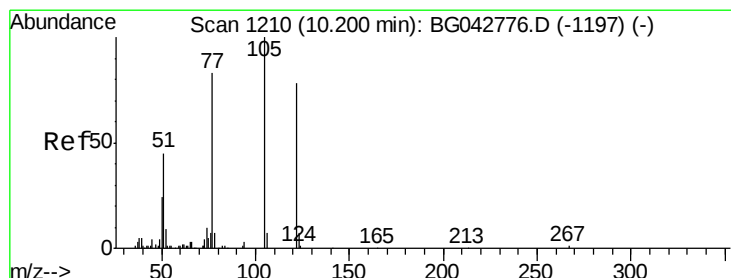
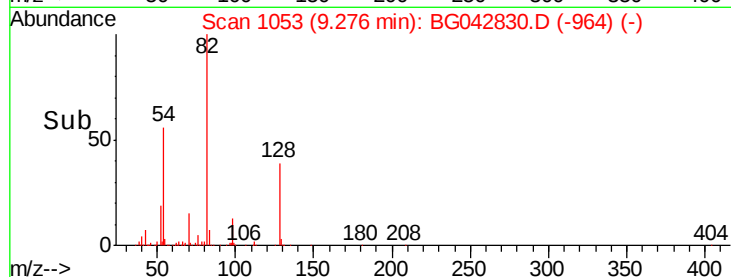
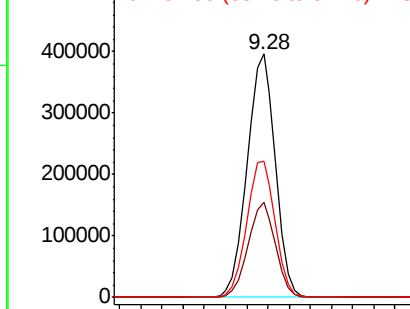
82 100

128 39.0 29.8 44.8

54 55.8 46.1 69.1



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: 5.975 ng

RT: 10.26 min Scan# 1221

Delta R.T. 0.06 min

Lab File: BG042830.D

Acq: 13 Sep 2019 23:38

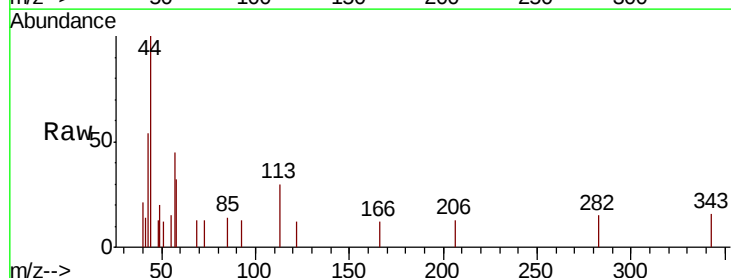
Tgt Ion: 122 Resp: 53

Ion Ratio Lower Upper

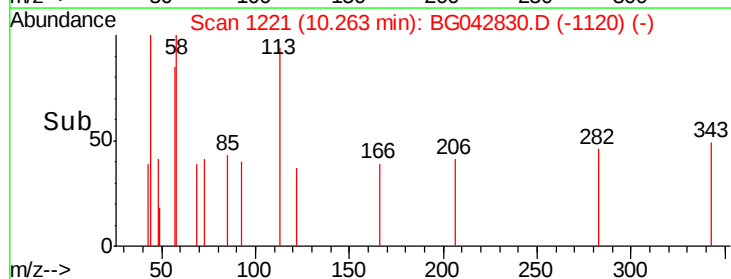
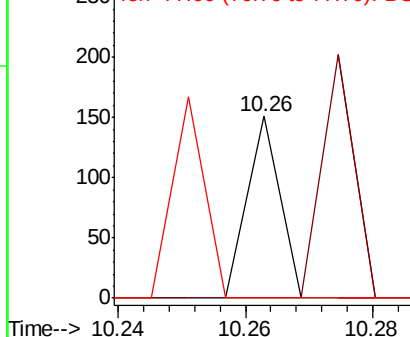
122 100

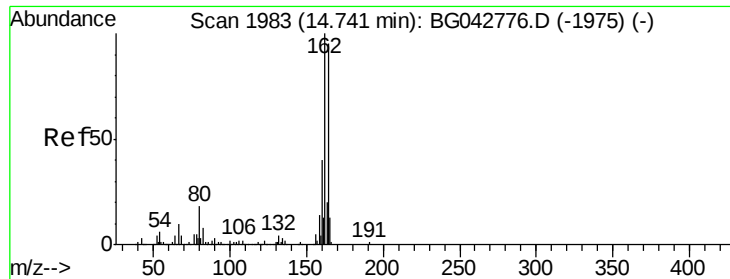
105 0.0 104.0 144.0#

77 0.0 84.2 124.2#



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: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042830.D

Acq: 13 Sep 2019 23:38

Instrument :

BNA_G

ClientSampleId :

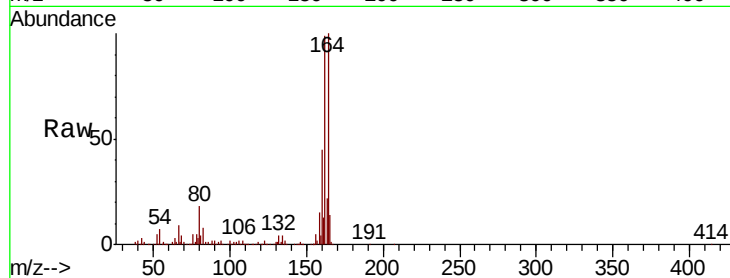
Tot Ion:164 Resp: 277531

Ion Ratio Lower Upper

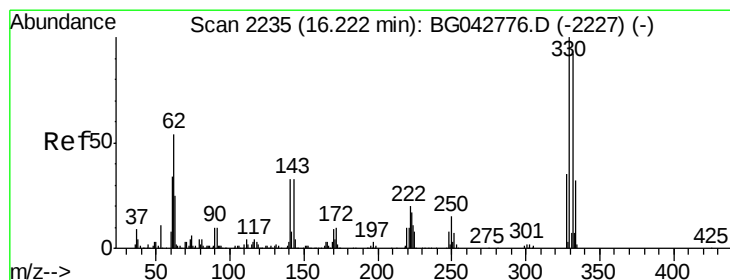
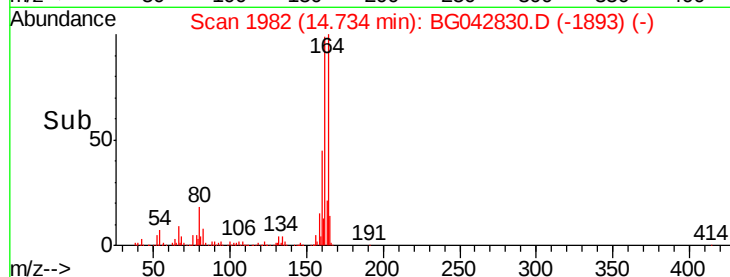
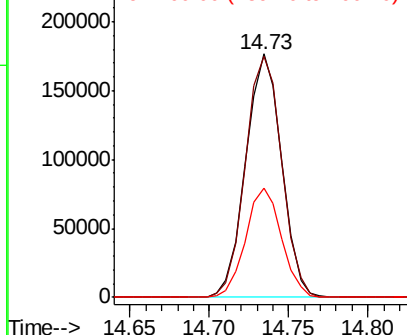
164 100

162 98.8 84.6 126.8

160 45.1 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: 134.249 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042830.D

Acq: 13 Sep 2019 23:38

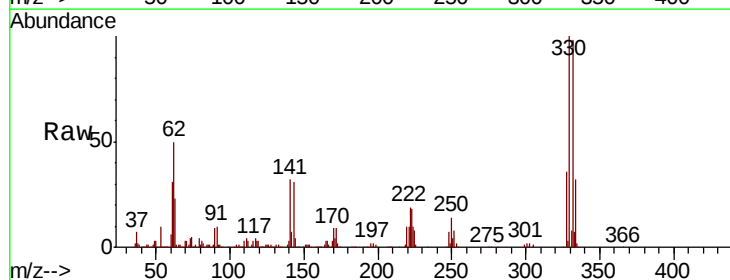
Tgt Ion:330 Resp: 495691

Ion Ratio Lower Upper

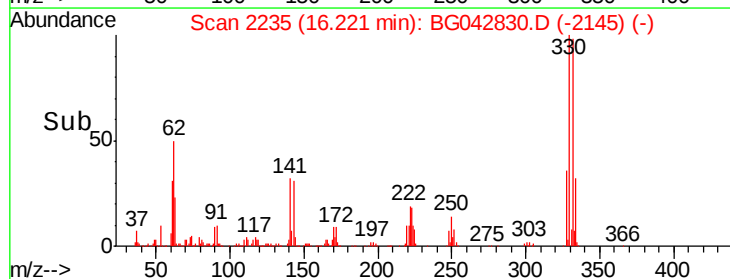
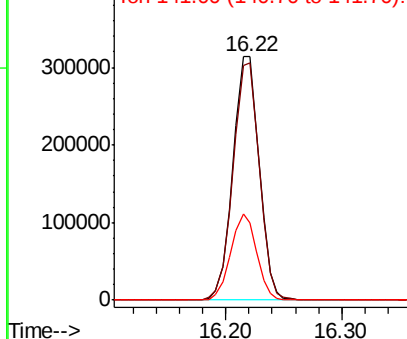
330 100

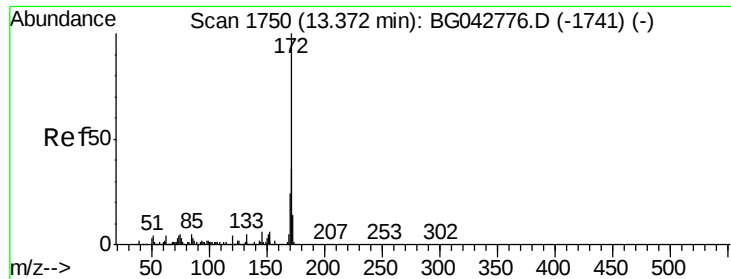
332 97.5 76.7 115.1

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

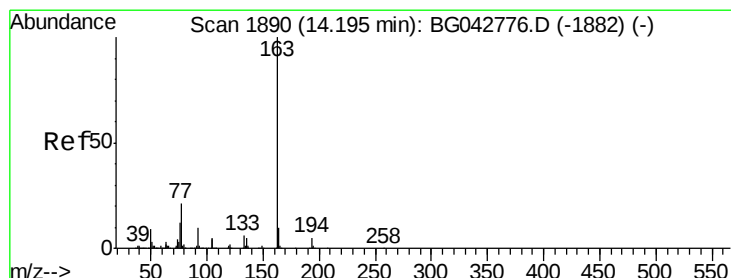
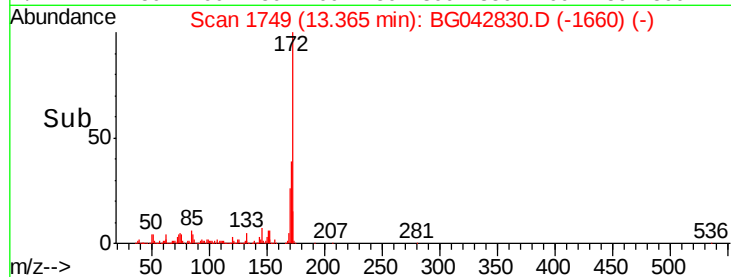
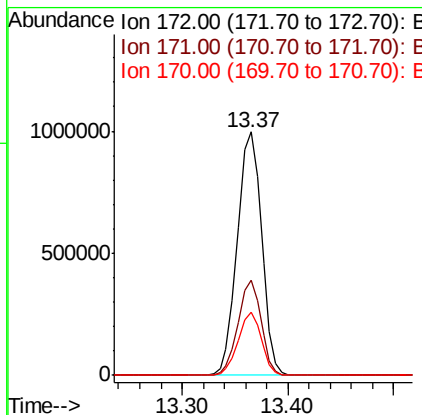
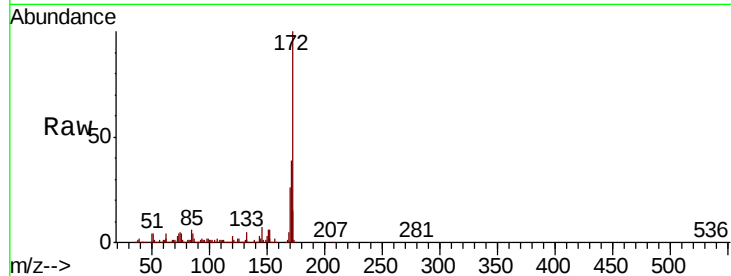




#45
2-Fluorobiphenyl
Concen: 90.232 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042830.D
Acq: 13 Sep 2019 23:38

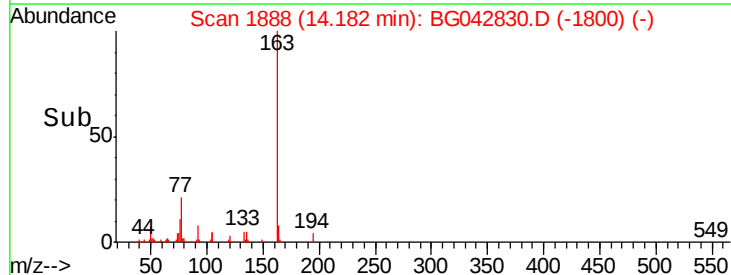
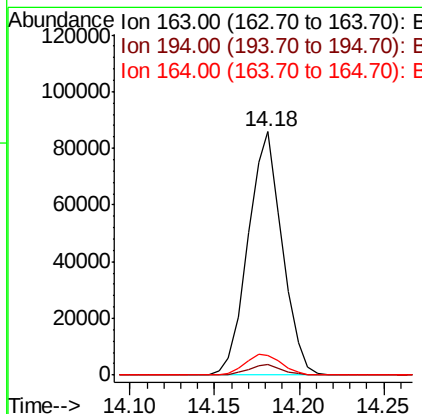
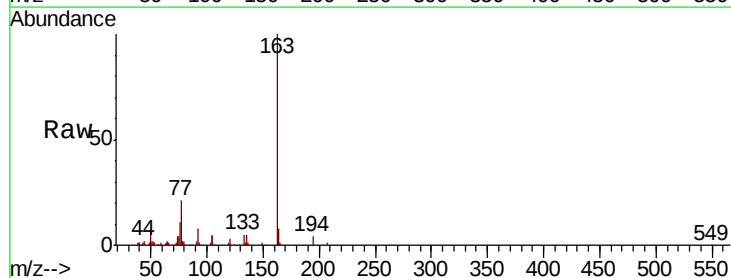
Instrument :
BNA_G
ClientSampleId :

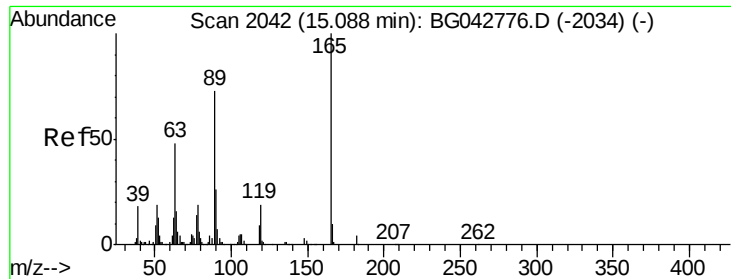
Tot Ion:172 Resp: 1582008
Ion Ratio Lower Upper
172 100
171 38.9 28.9 43.3
170 25.9 19.1 28.7



#50
Dimethylphthalate
Concen: 5.802 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG042830.D
Acq: 13 Sep 2019 23:38

Tgt Ion:163 Resp: 120619
Ion Ratio Lower Upper
163 100
194 4.3 4.2 6.4
164 8.0 8.4 12.6#

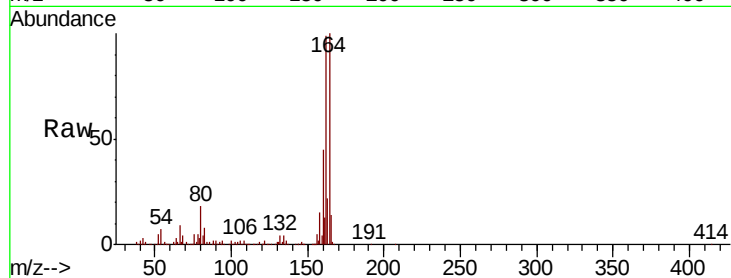




#57
 2,4-Dinitrotoluene
 Concen: 6.499 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.35 min
 Lab File: BG042830.D
 Acq: 13 Sep 2019 23:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.7	38.3	57.5#
89	1.7	58.4	87.6#
182	0.0	2.9	4.3#

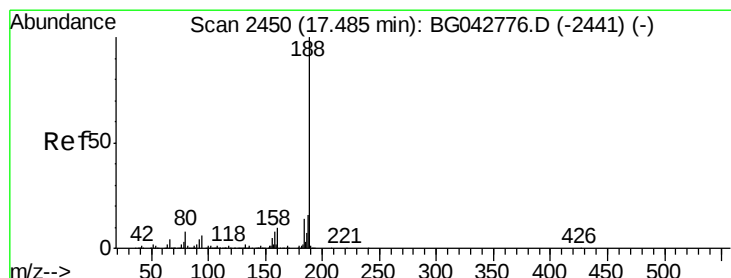
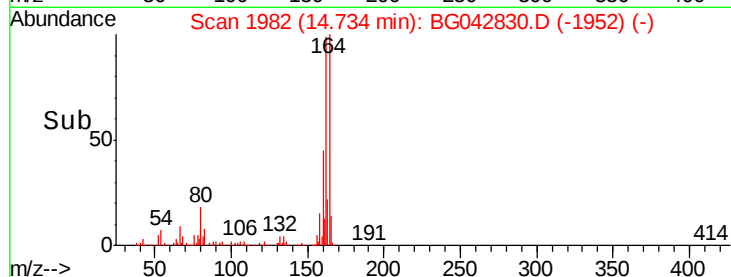
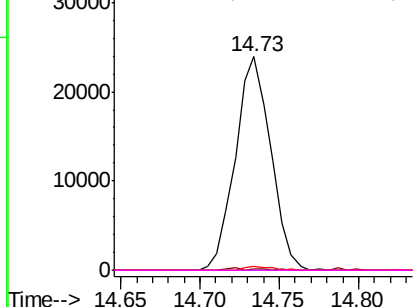


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

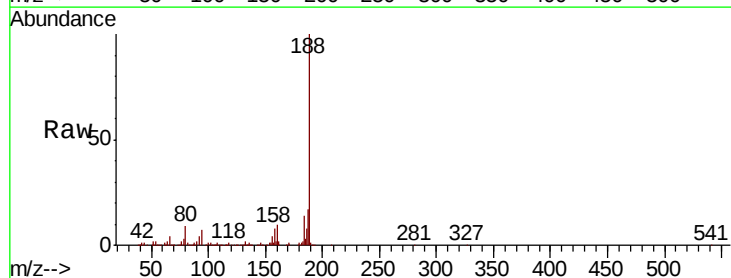
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG042830.D
 Acq: 13 Sep 2019 23:38

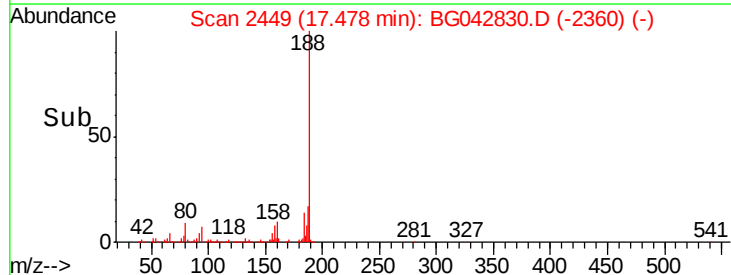
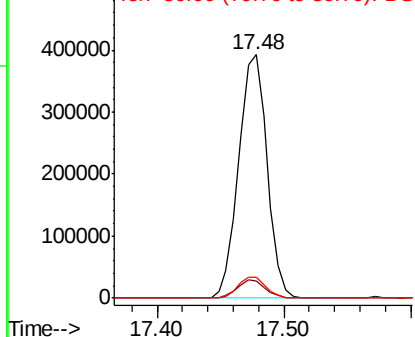
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	4.8	7.2#
80	8.7	6.6	9.8

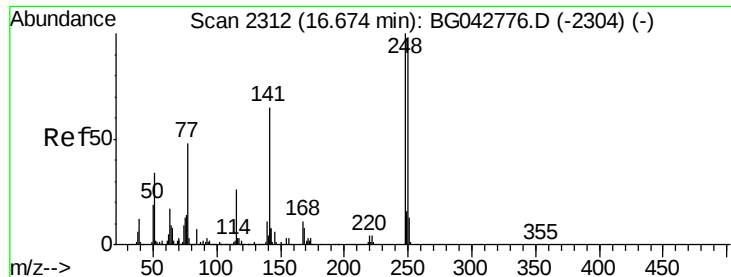


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

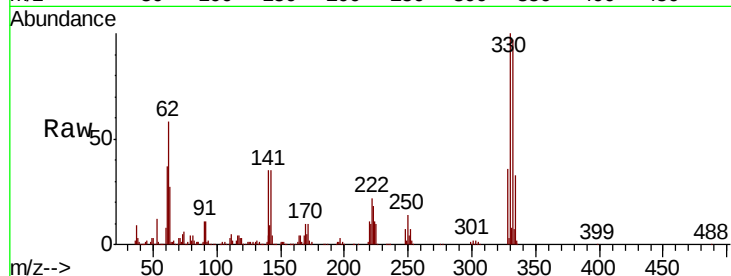




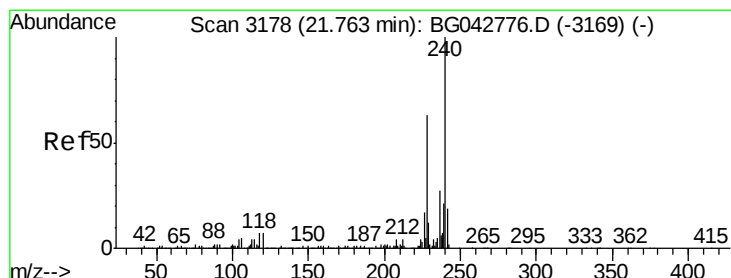
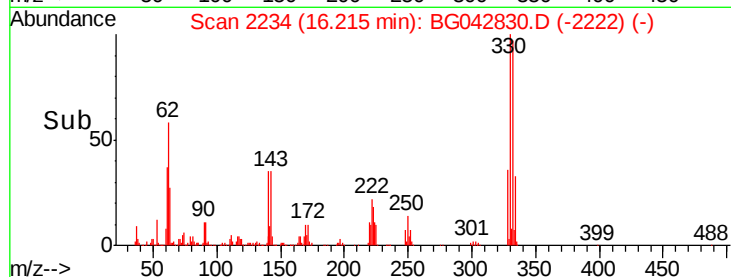
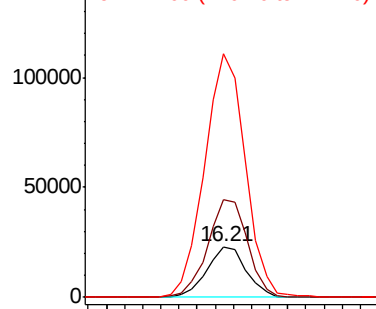
#67
 4-Bromophenyl-phenylether
 Concen: 4.709 ng
 RT: 16.21 min Scan# 2234
 Delta R.T. -0.46 min
 Lab File: BG042830.D
 Acq: 13 Sep 2019 23:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 34632
 Ion Ratio Lower Upper
 248 100
 250 193.8 78.0 117.0#
 141 480.7 51.8 77.6#

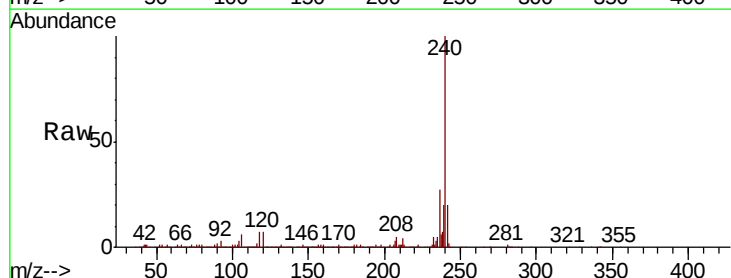


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

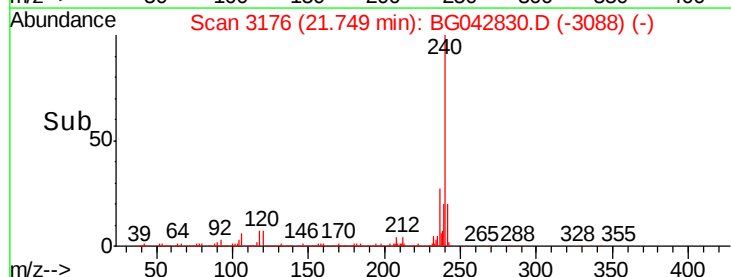
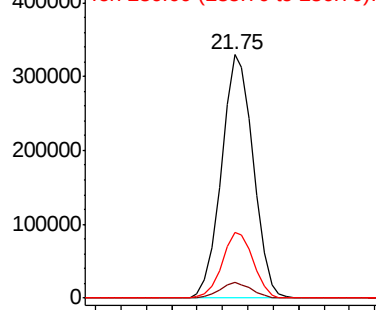


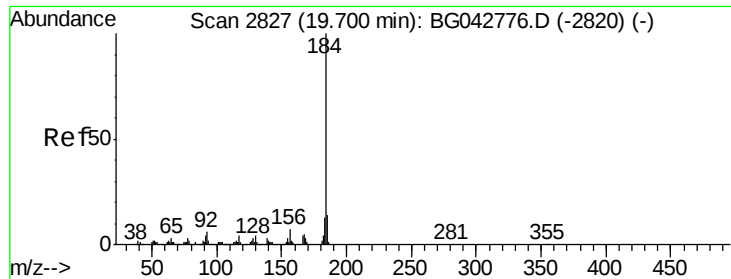
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BG042830.D
 Acq: 13 Sep 2019 23:38

Tgt Ion:240 Resp: 573577
 Ion Ratio Lower Upper
 240 100
 120 6.5 5.4 8.2
 236 27.2 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





#77

Benzidine

Concen: 2.552 ng

RT: 20.08 min Scan# 2892

Delta R.T. 0.38 min

Lab File: BG042830.D

Acq: 13 Sep 2019 23:38

Instrument :

BNA_G

ClientSampleId :

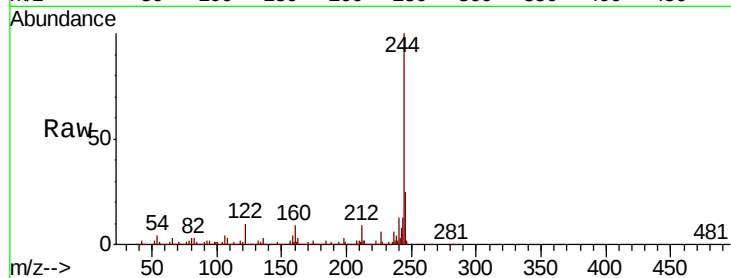
Tot Ion:184 Resp: 40902

Ion Ratio Lower Upper

184 100

185 20.7 11.6 17.4#

183 14.0 10.4 15.6

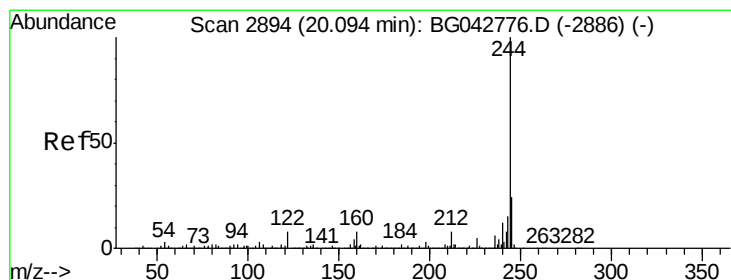
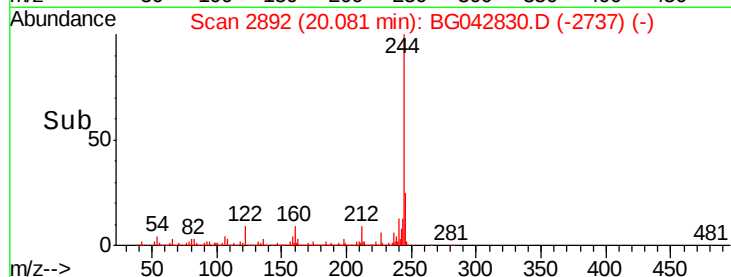
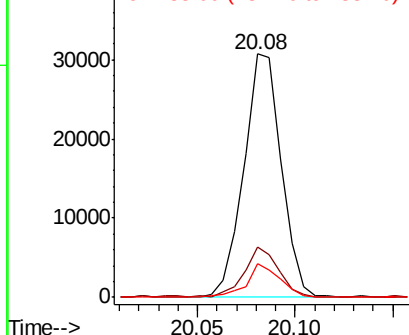


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 90.604 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042830.D

Acq: 13 Sep 2019 23:38

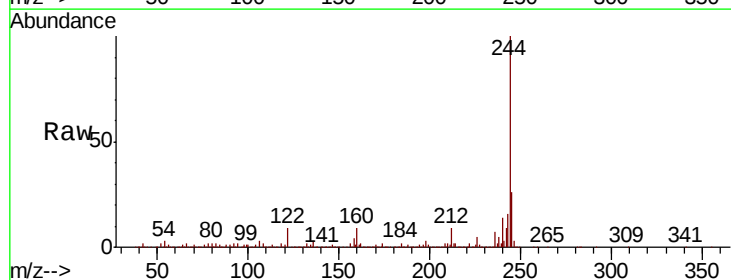
Tgt Ion:244 Resp: 2344842

Ion Ratio Lower Upper

244 100

212 9.2 6.6 10.0

122 9.4 6.2 9.4#

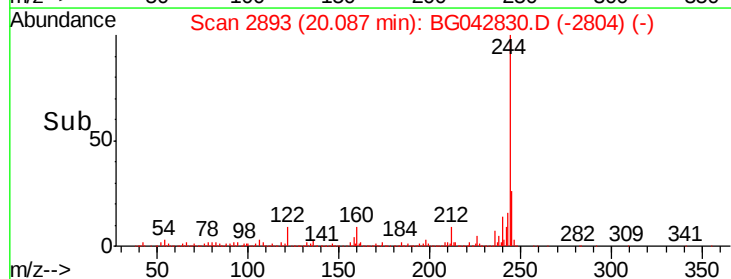
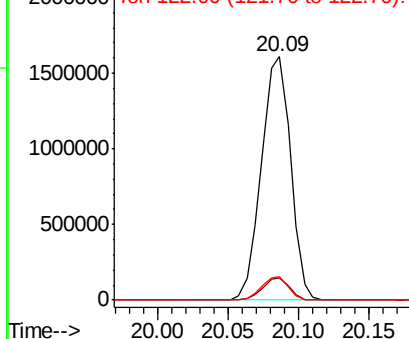


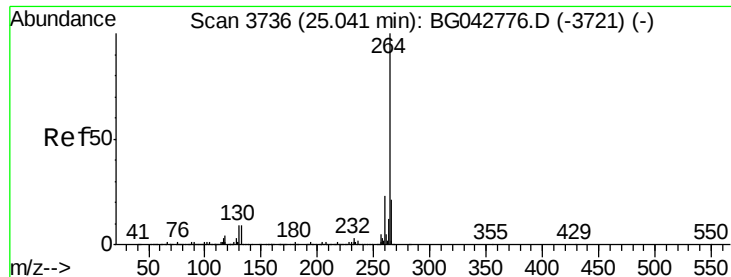
Abundance

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

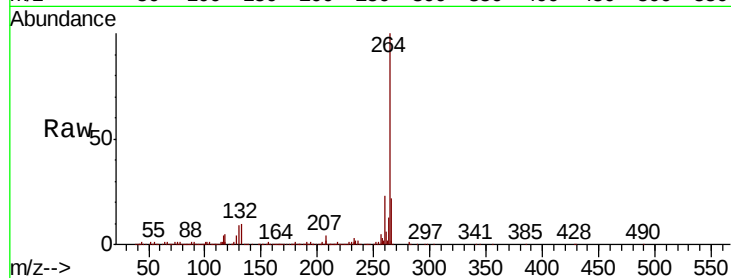




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.02 min
Lab File: BG042830.D
Acq: 13 Sep 2019 23:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	21.5	16.9	25.3



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

