

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042848.D
 Acq On : 16 Sep 2019 14:03
 Operator : HP/JU
 Sample : PB123110TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 17 01:19:46 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

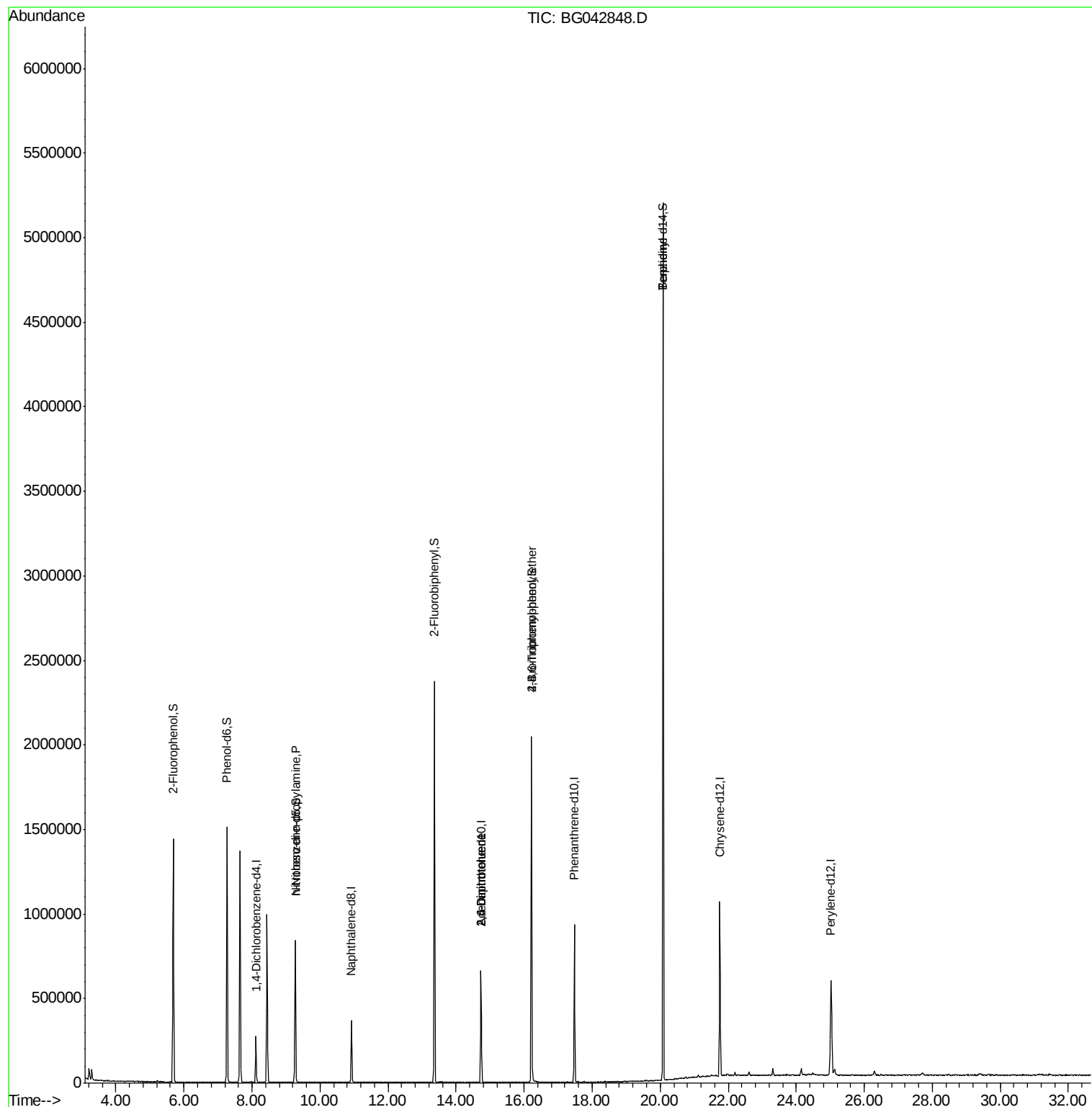
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	80161	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	303492	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	225556	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	584148	20.00	ng	0.00
76) Chrysene-d12	21.75	240	624400	20.00	ng	0.00
87) Perylene-d12	25.02	264	670421	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	578119	125.38	ng	0.00
7) Phenol-d6	7.27	99	863070	130.41	ng	0.00
23) Nitrobenzene-d5	9.28	82	522832	89.69	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	417005	138.96	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1233999	86.60	ng	0.00
79) Terphenyl-d14	20.09	244	2426009	86.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	73814	15.136	ng	# 67
51) 2,6-Dinitrotoluene	14.73	165	31166	8.989	ng	# 21
57) 2,4-Dinitrotoluene	14.73	165	31166	6.744	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	27992	3.959	ng	# 1
77) Benzidine	20.08	184	41420	2.374	ng	# 92

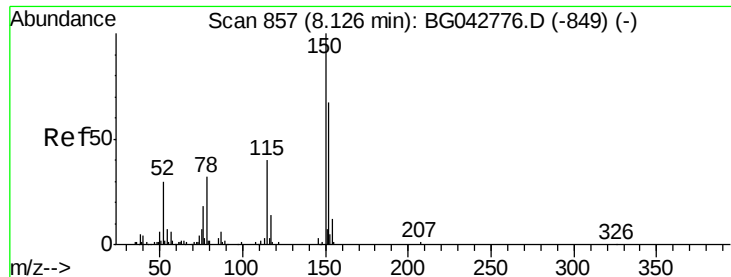
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
Data File : BG042848.D
Acq On : 16 Sep 2019 14:03
Operator : HP/JU
Sample : PB123110TB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 17 01:19:46 2019
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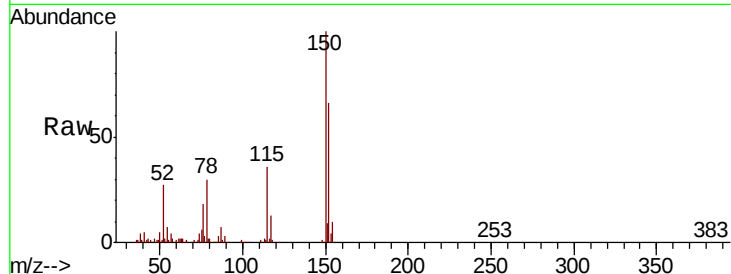


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042848.D
Acq: 16 Sep 2019 14:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	118.9	178.3
115	54.8	47.4	71.2

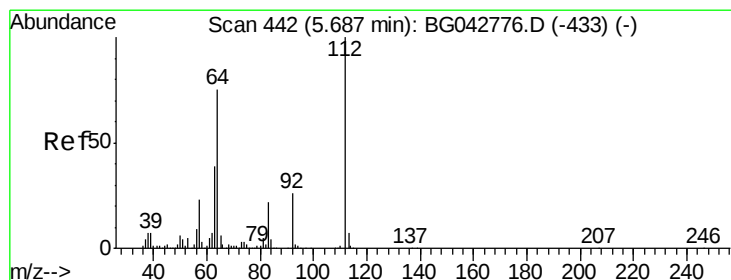
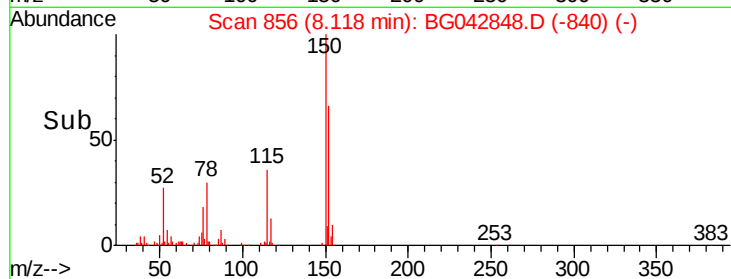
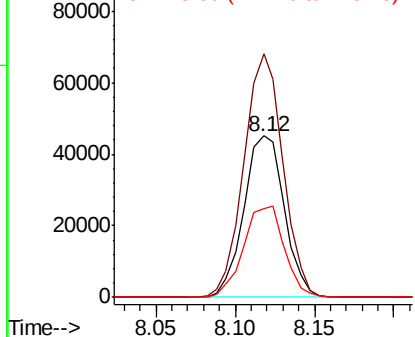


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

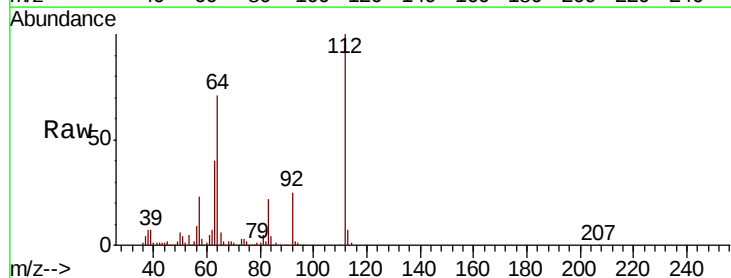
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.384 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042848.D
Acq: 16 Sep 2019 14:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	60.2	90.2
63	39.9	31.2	46.8

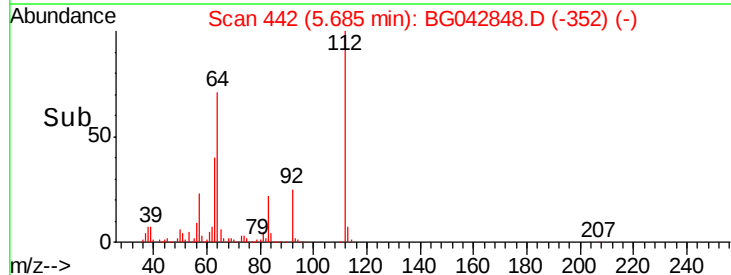
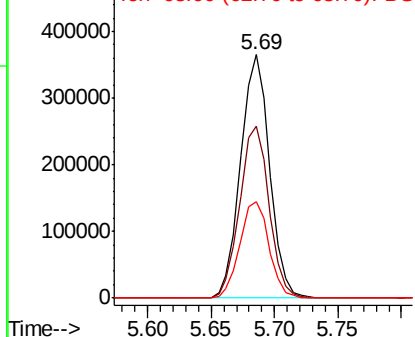


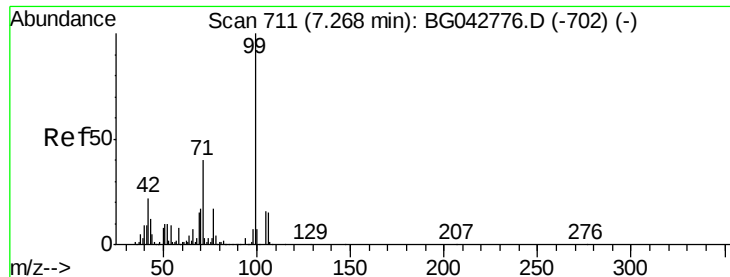
Abundance

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: 130.411 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042848.D

Acq: 16 Sep 2019 14:03

Instrument :

BNA_G

ClientSampleId :

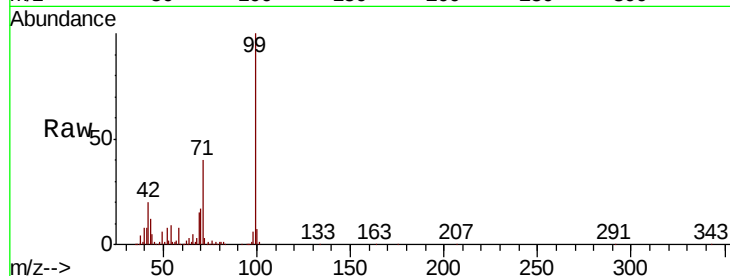
Tot Ion: 99 Resp: 863070

Ion Ratio Lower Upper

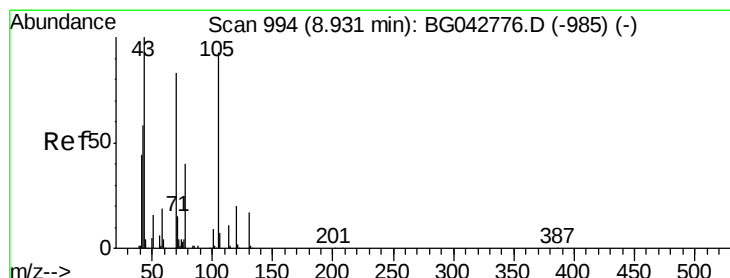
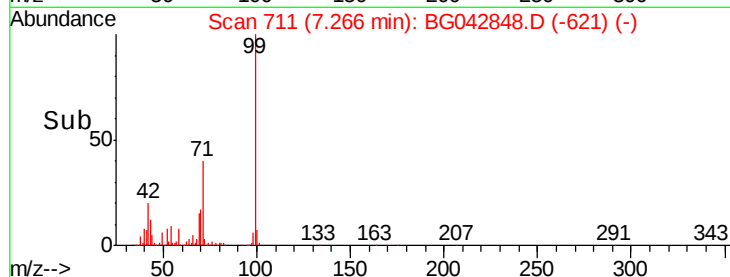
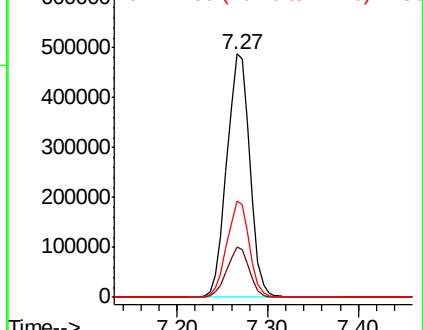
99 100

42 20.5 17.5 26.3

71 39.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.136 ng

RT: 9.28 min Scan# 1053

Delta R.T. 0.34 min

Lab File: BG042848.D

Acq: 16 Sep 2019 14:03

Tgt Ion: 70 Resp: 73814

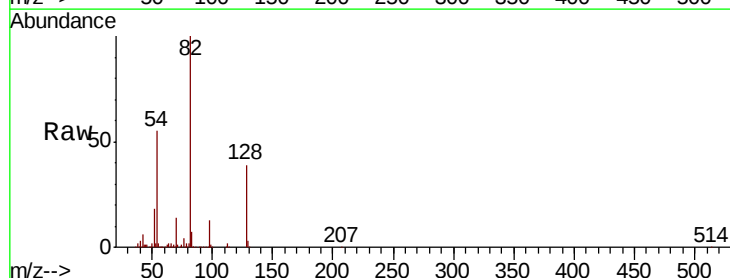
Ion Ratio Lower Upper

70 100

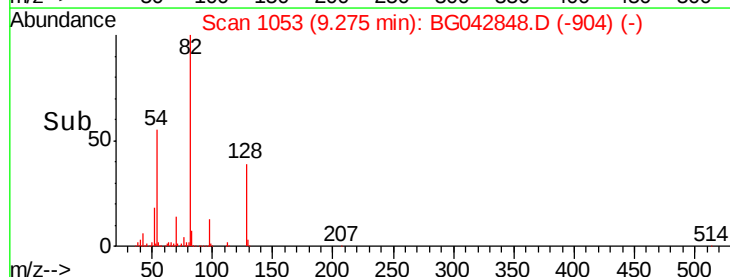
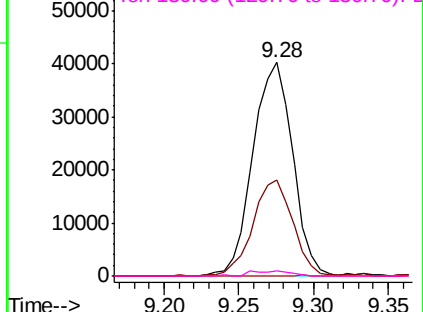
42 44.8 57.0 85.6#

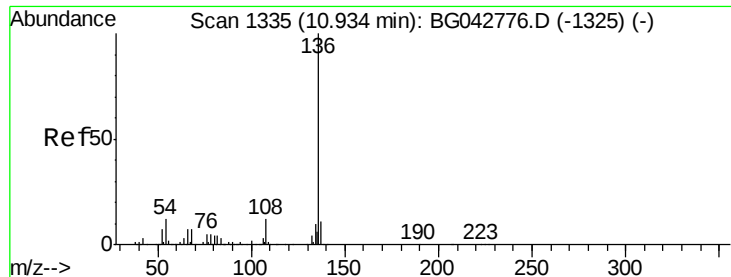
101 0.0 8.4 12.6#

130 2.3 16.1 24.1#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

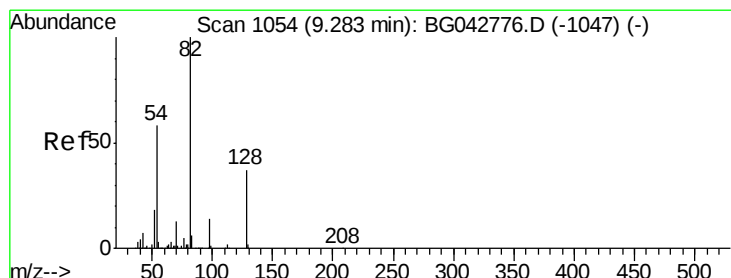
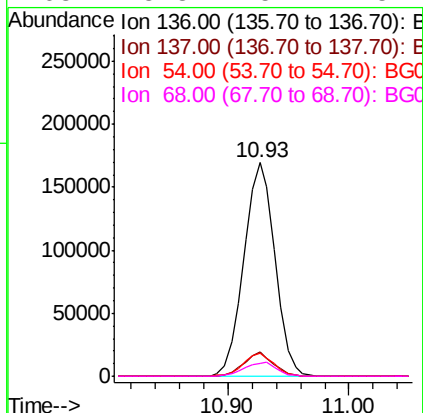
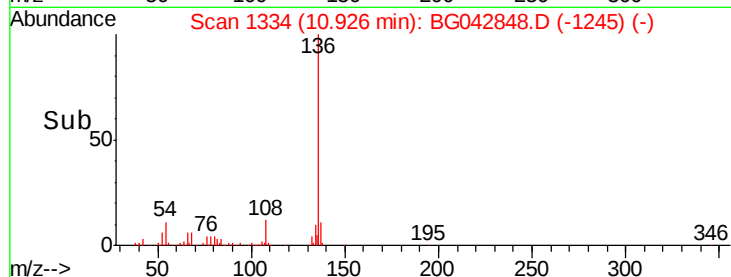
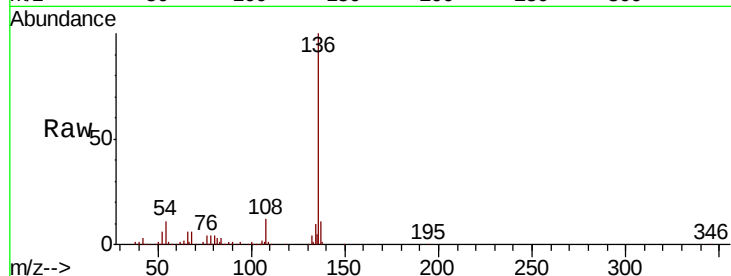




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042848.D
Acq: 16 Sep 2019 14:03

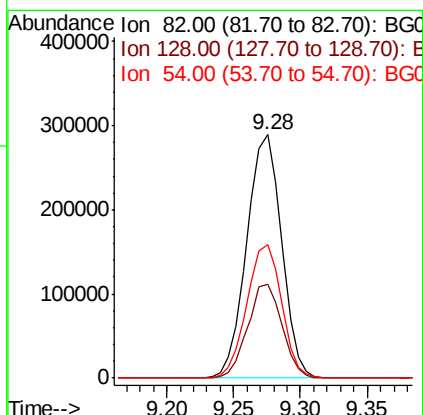
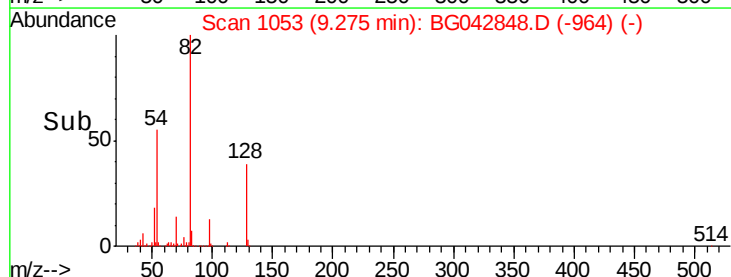
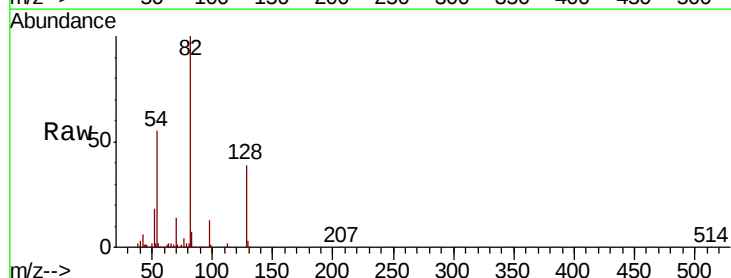
Instrument :
BNA_G
ClientSampled :

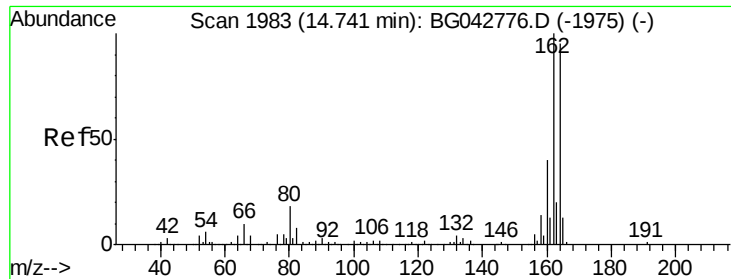
Tot Ion:136	Resp:	303492
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.0 13.6
54	10.7	9.4 14.0
68	5.8	5.4 8.2



#23
Nitrobenzene-d5
Concen: 89.689 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042848.D
Acq: 16 Sep 2019 14:03

Tgt Ion: 82	Resp:	522832
Ion	Ratio	Lower Upper
82	100	
128	38.8	29.8 44.8
54	54.8	46.1 69.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042848.D

Acq: 16 Sep 2019 14:03

Instrument :

BNA_G

ClientSampleId :

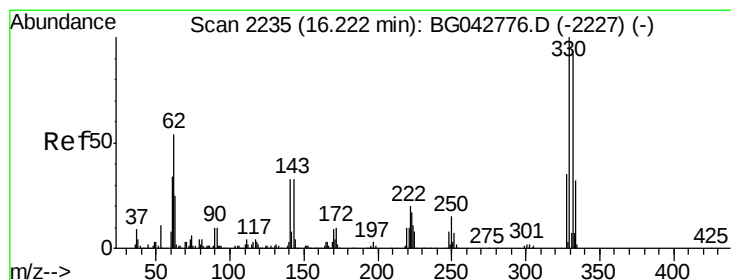
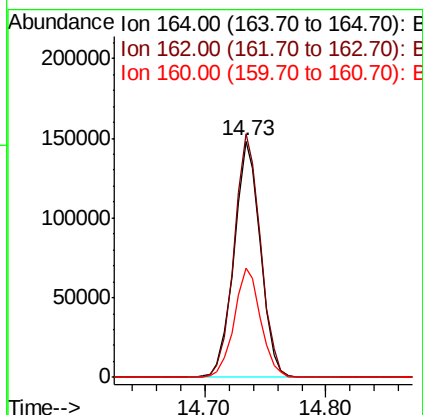
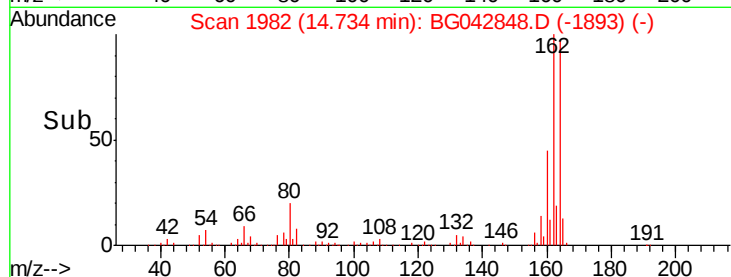
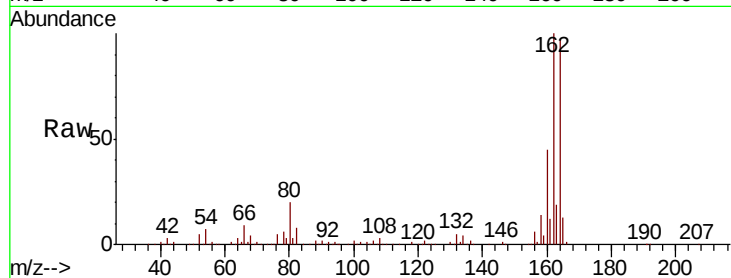
Tot Ion:164 Resp: 225556

Ion Ratio Lower Upper

164 100

162 103.0 84.6 126.8

160 46.3 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 138.962 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042848.D

Acq: 16 Sep 2019 14:03

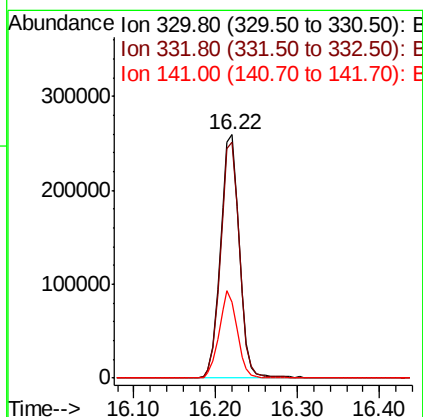
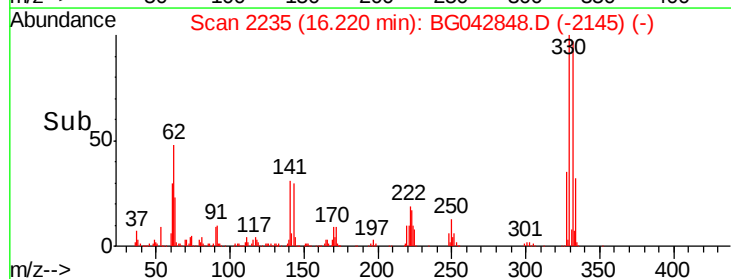
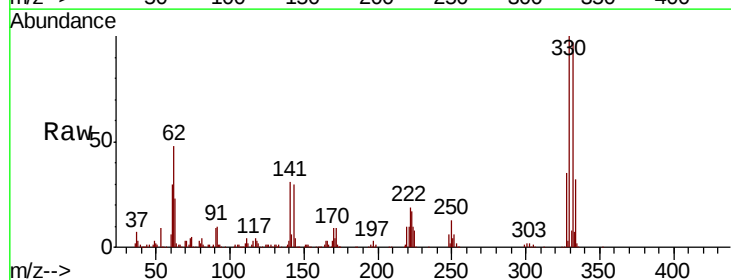
Tgt Ion:330 Resp: 417005

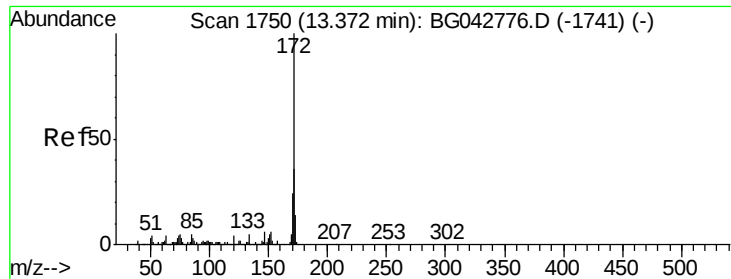
Ion Ratio Lower Upper

330 100

332 96.6 76.7 115.1

141 34.2 27.0 40.6



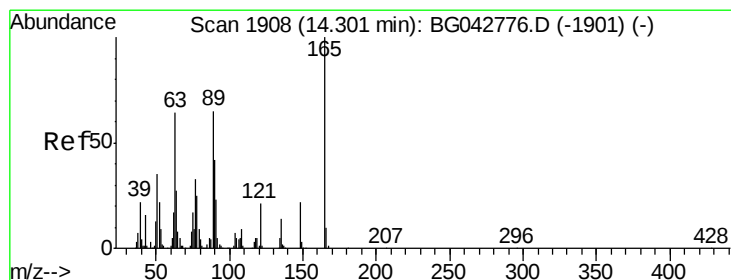
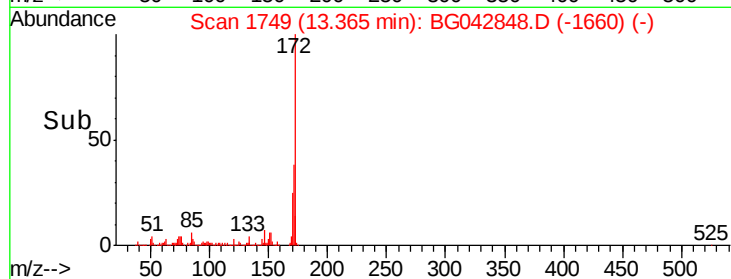
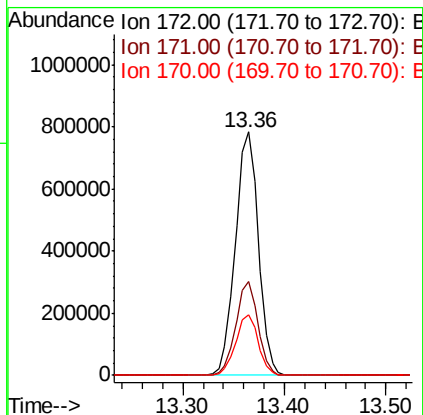
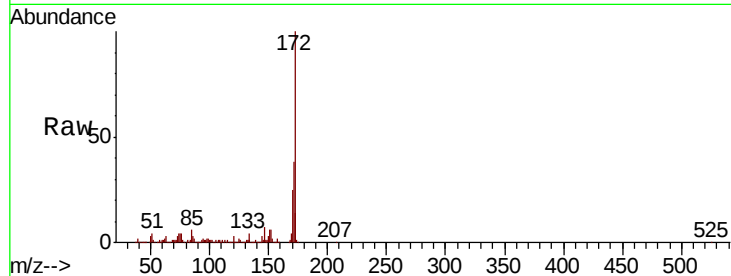


#45
 2-Fluorobiphenyl
 Concen: 86.601 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042848.D
 Acq: 16 Sep 2019 14:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1233999

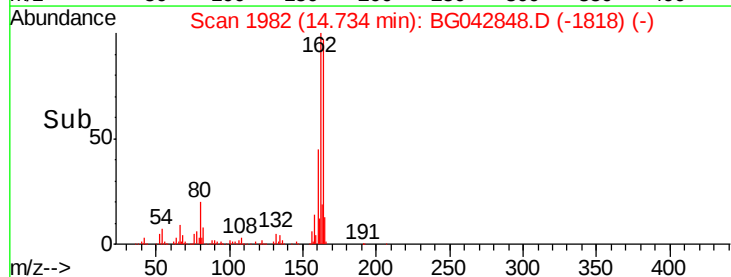
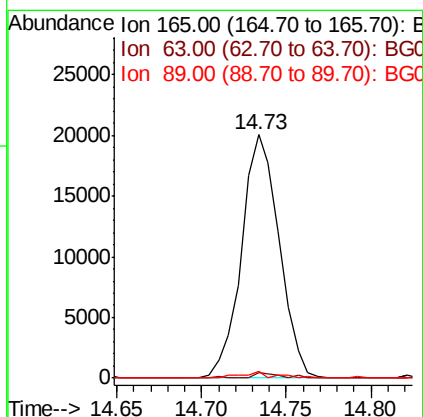
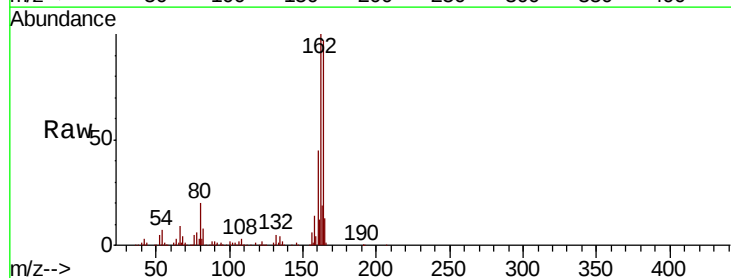
Ion	Ratio	Lower	Upper
172	100		
171	38.4	28.9	43.3
170	24.7	19.1	28.7

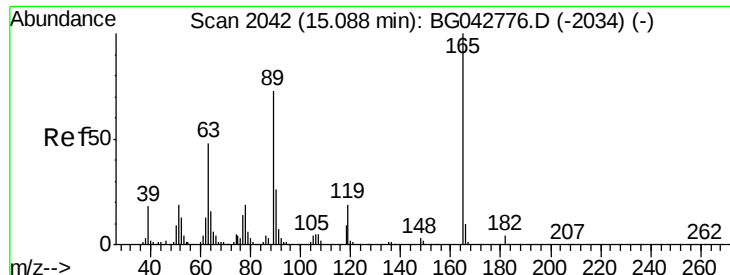


#51
 2,6-Dinitrotoluene
 Concen: 8.989 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. 0.43 min
 Lab File: BG042848.D
 Acq: 16 Sep 2019 14:03

Tgt Ion:165 Resp: 31166

Ion	Ratio	Lower	Upper
165	100		
63	2.3	52.1	78.1#
89	2.8	51.7	77.5#

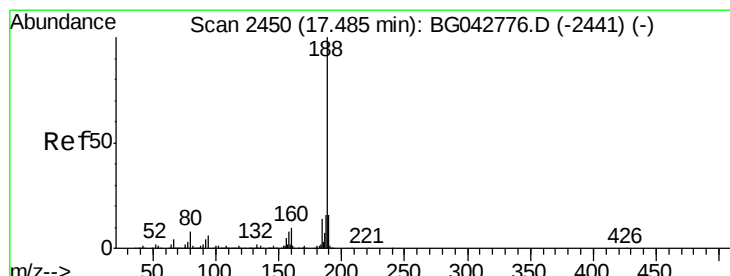
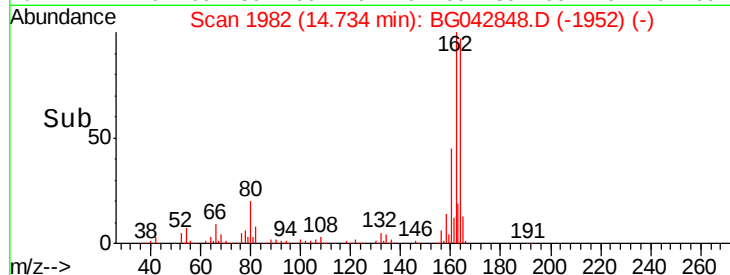
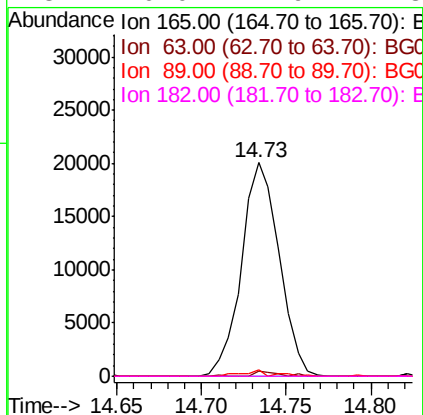
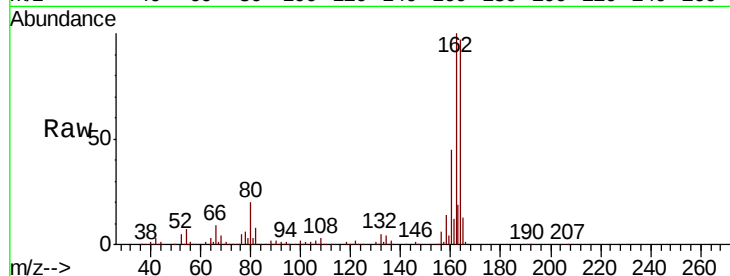




#57
 2,4-Dinitrotoluene
 Concen: 6.744 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.35 min
 Lab File: BG042848.D
 Acq: 16 Sep 2019 14:03

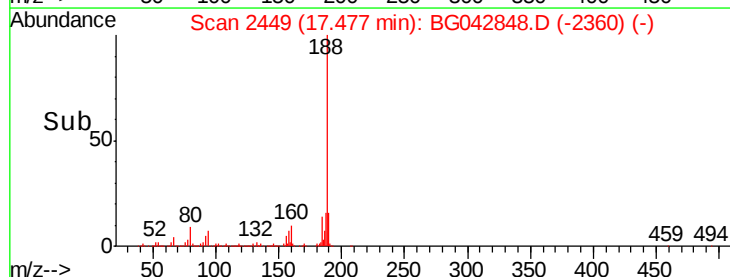
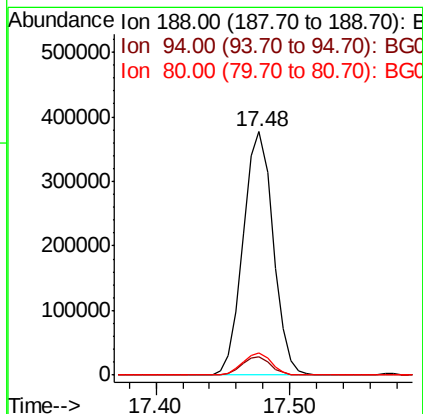
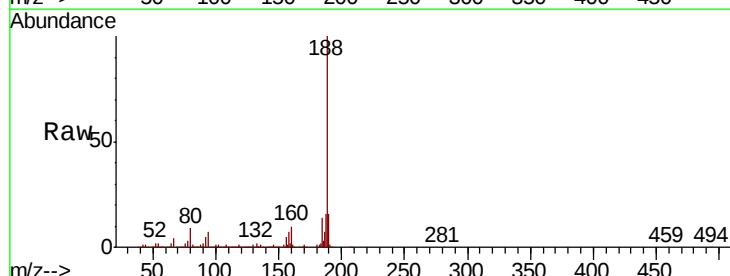
Instrument :
 BNA_G
 ClientSampleId :

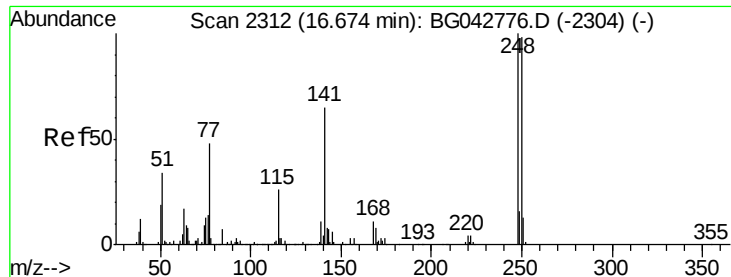
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.3	38.3	57.5#
89	2.8	58.4	87.6#
182	0.0	2.9	4.3#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG042848.D
 Acq: 16 Sep 2019 14:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	4.8	7.2#
80	9.3	6.6	9.8

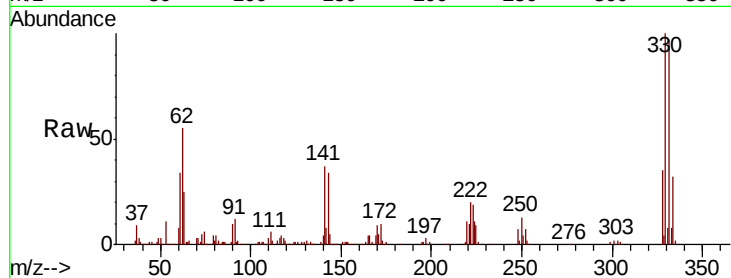




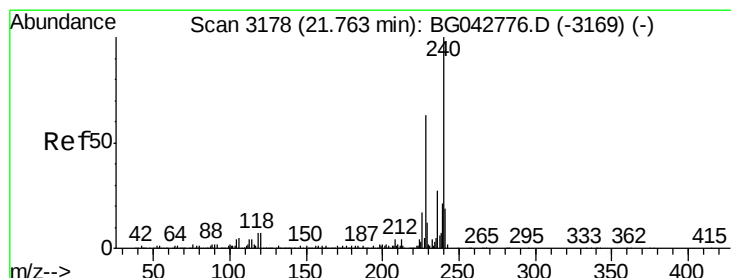
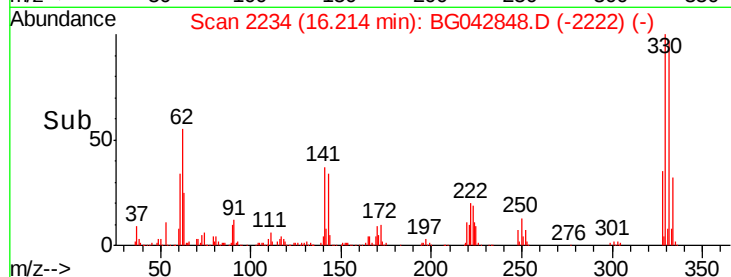
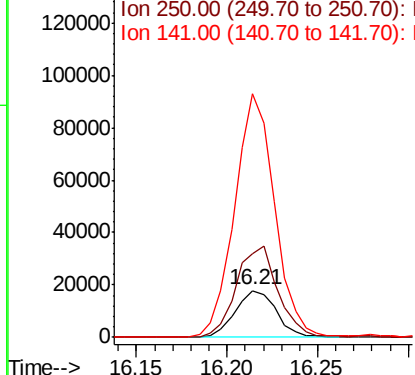
#67
4-Bromophenyl-phenylether
Concen: 3.959 ng
RT: 16.21 min Scan# 2234
Delta R.T. -0.46 min
Lab File: BG042848.D
Acq: 16 Sep 2019 14:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 27992
Ion Ratio Lower Upper
248 100
250 178.5 78.0 117.0#
141 522.3 51.8 77.6#

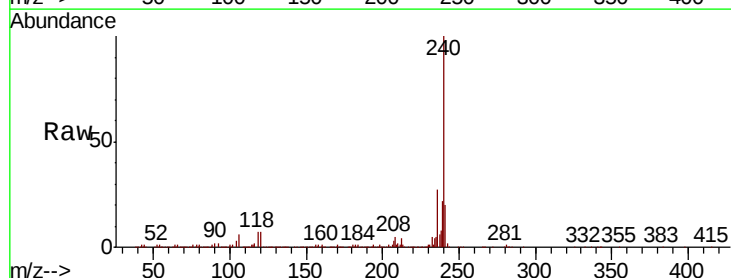


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

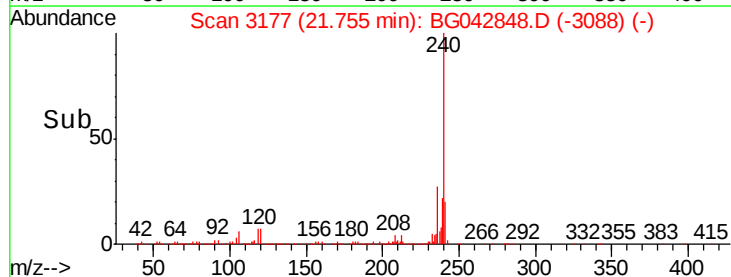
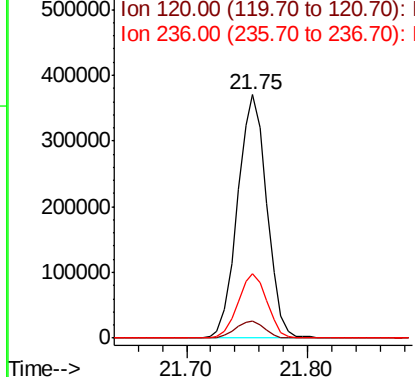


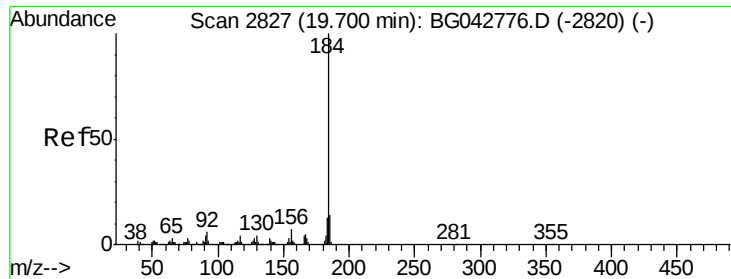
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG042848.D
Acq: 16 Sep 2019 14:03

Tgt Ion:240 Resp: 624400
Ion Ratio Lower Upper
240 100
120 6.8 5.4 8.2
236 26.6 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





#77

Benzidine

Concen: 2.374 ng

RT: 20.08 min Scan# 2892

Delta R.T. 0.38 min

Lab File: BG042848.D

Acq: 16 Sep 2019 14:03

Instrument :

BNA_G

ClientSampleId :

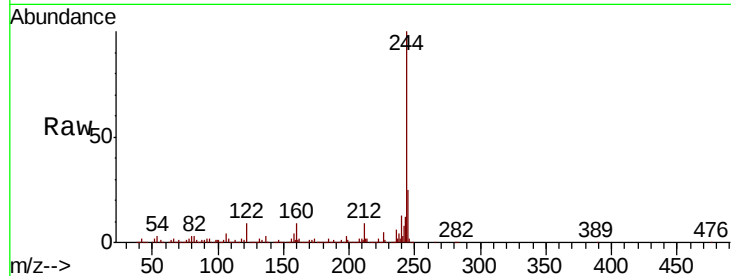
Tot Ion:184 Resp: 41420

Ion Ratio Lower Upper

184 100

185 16.5 11.6 17.4

183 8.7 10.4 15.6#

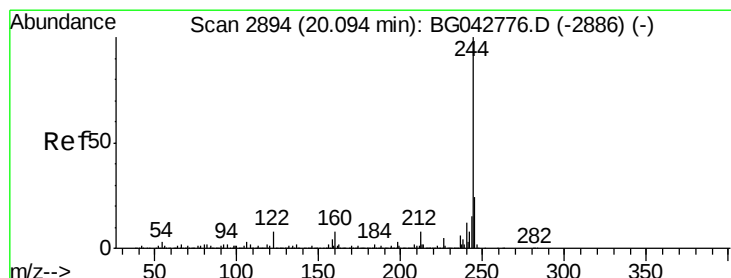
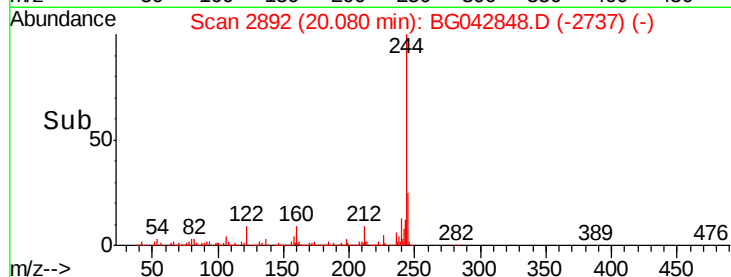
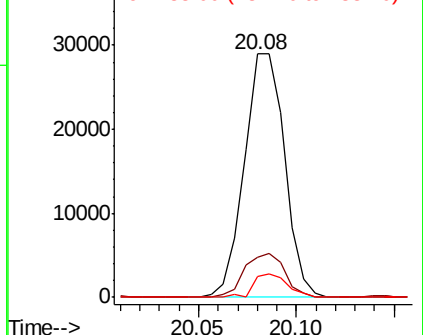


Abundance

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: 86.110 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042848.D

Acq: 16 Sep 2019 14:03

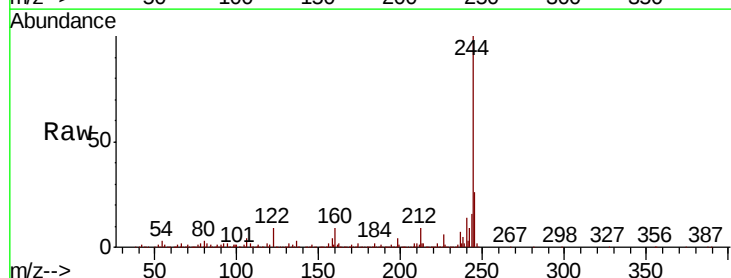
Tgt Ion:244 Resp: 2426009

Ion Ratio Lower Upper

244 100

212 9.1 6.6 10.0

122 9.4 6.2 9.4#

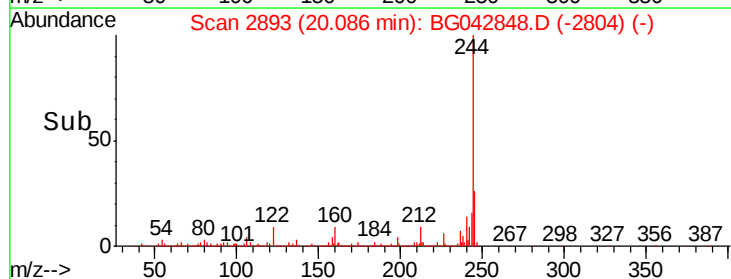
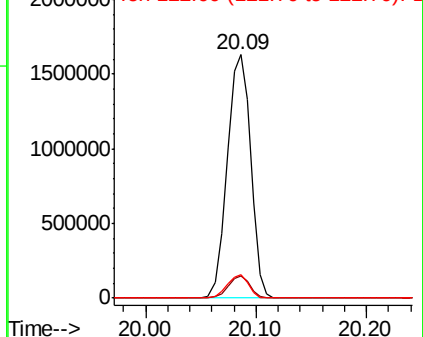


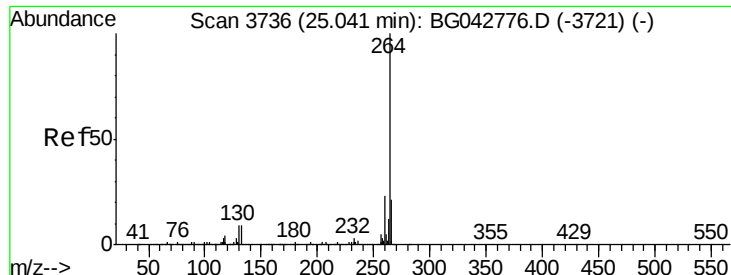
Abundance

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: BG042848.D
 Acq: 16 Sep 2019 14:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.2
265	22.7	16.9	25.3

