

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
 Data File : BG042834.D
 Acq On : 14 Sep 2019 2:10
 Operator : HP/JU
 Sample : K4847-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 14 07:02:50 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

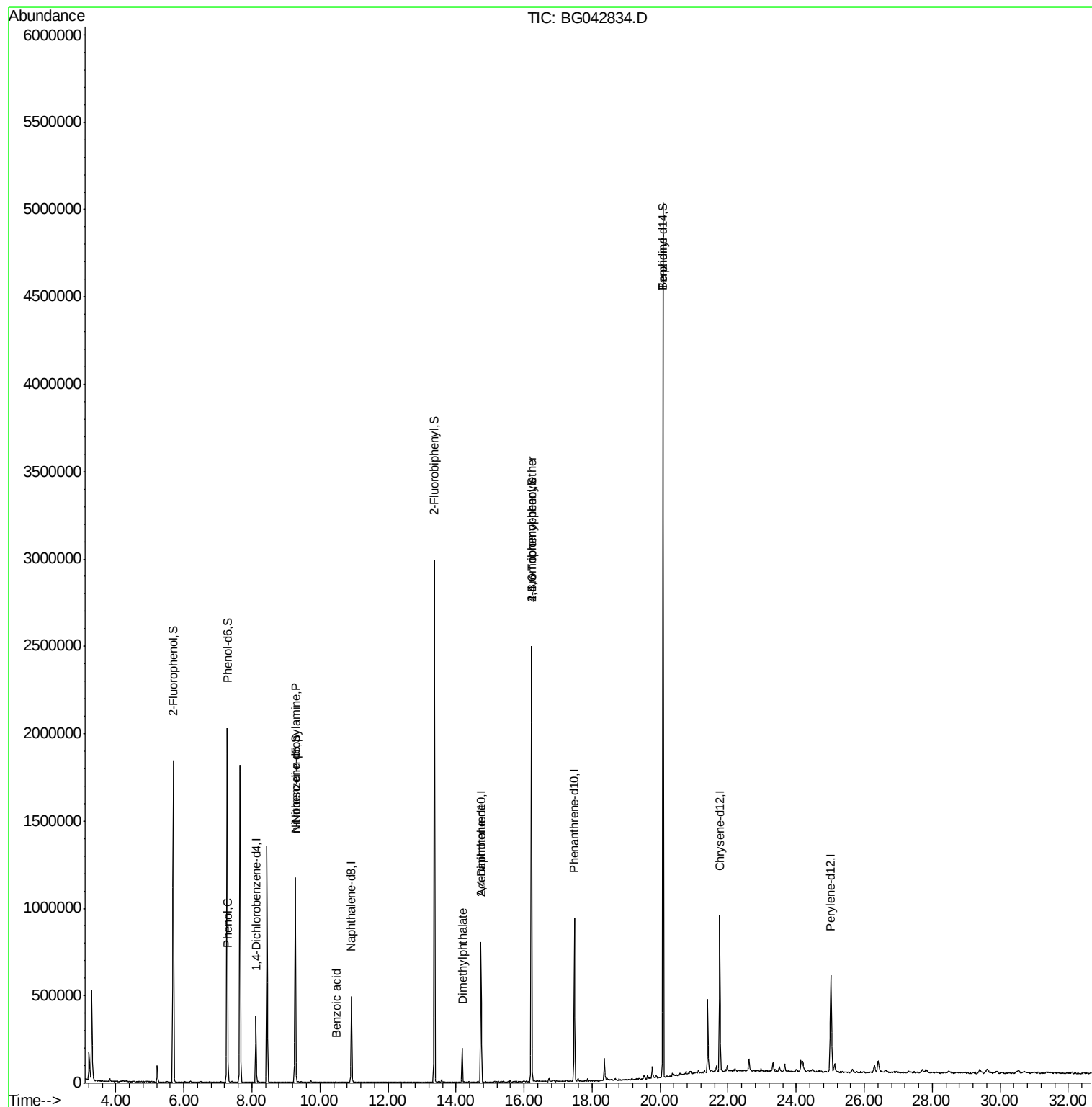
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	105218	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	408560	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	276125	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	604580	20.00	ng	0.00
76) Chrysene-d12	21.75	240	557833	20.00	ng	-0.01
87) Perylene-d12	25.02	264	617677	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	748769	123.72	ng	0.00
7) Phenol-d6	7.27	99	1123117	129.29	ng	0.00
23) Nitrobenzene-d5	9.28	82	714626	91.06	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	483384	131.58	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1568215	89.90	ng	0.00
79) Terphenyl-d14	20.09	244	2258333	89.72	ng	0.00
Target Compounds						
10) Phenol	7.30	94	43425	4.875	ng	91
19) n-Nitroso-di-n-propylamine	9.28	70	101990	15.934	ng	# 68
32) Benzoic acid	10.46	122	64	5.976	ng	# 1
50) Dimethylphthalate	14.18	163	121256	5.862	ng	100
57) 2,4-Dinitrotoluene	14.73	165	36841	6.512	ng	# 22
67) 4-Bromophenyl-phenylether	16.21	248	34226	4.677	ng	# 1
77) Benzidine	20.09	184	39572	2.539	ng	# 88

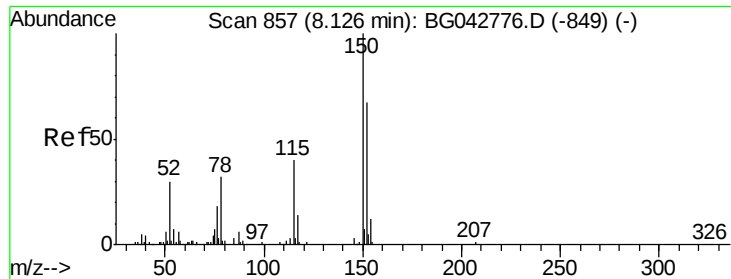
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
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ClientSampleId :

Quant Time: Sep 14 07:02:50 2019
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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



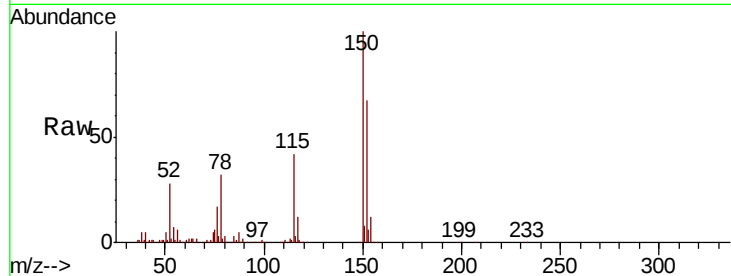


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042834.D
Acq: 14 Sep 2019 2:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.4	118.9	178.3
115	62.6	47.4	71.2

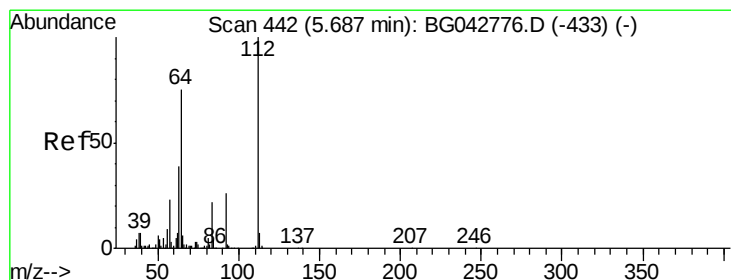
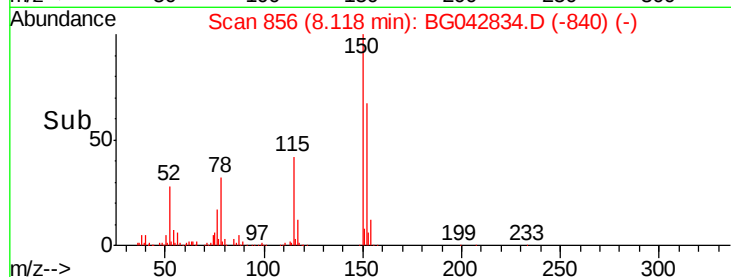
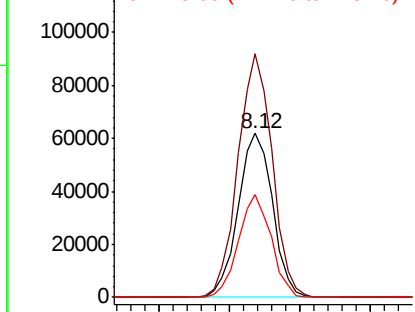


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

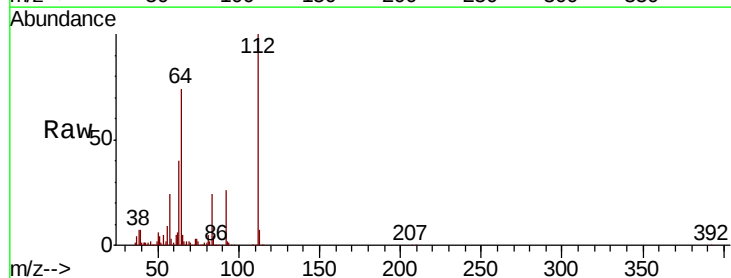
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 123.721 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042834.D
Acq: 14 Sep 2019 2:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.1	60.2	90.2
63	39.8	31.2	46.8

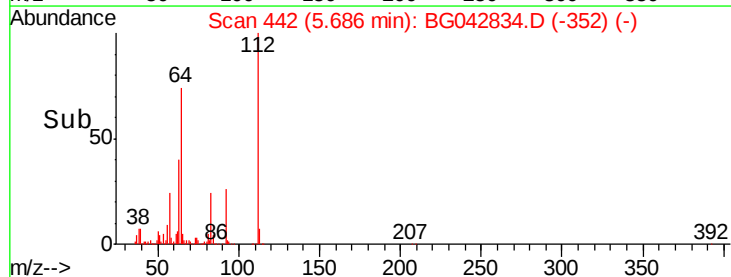
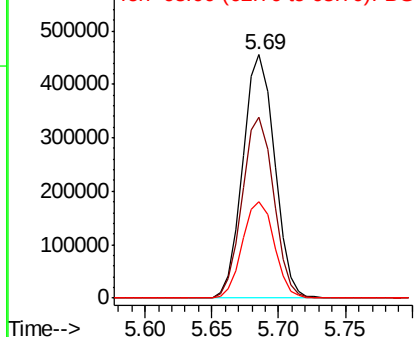


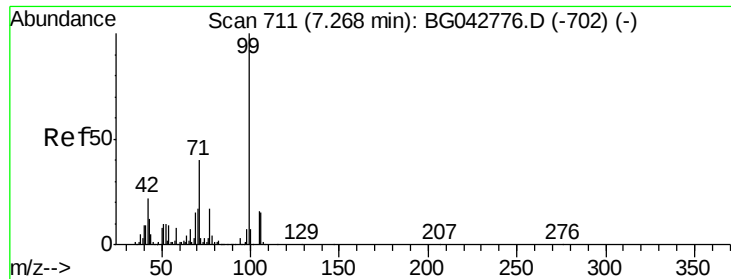
Abundance

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: 129.291 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042834.D

Acq: 14 Sep 2019 2:10

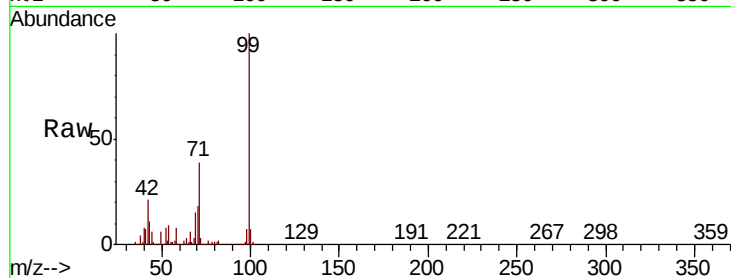
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1123117

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.5	26.3
71	39.4	32.0	48.0

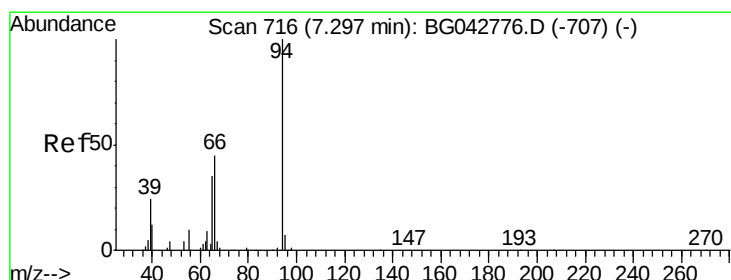
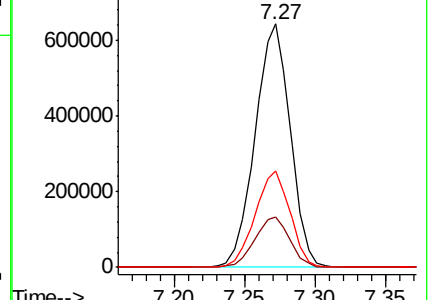
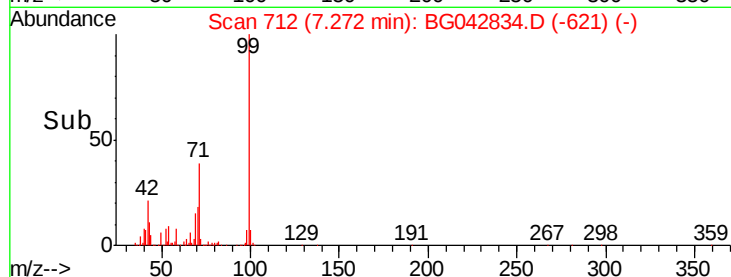


Abundance

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: 4.875 ng

RT: 7.30 min Scan# 716

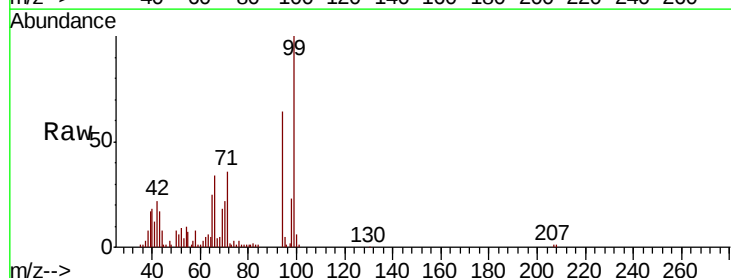
Delta R.T. -0.00 min

Lab File: BG042834.D

Acq: 14 Sep 2019 2:10

Tgt Ion: 94 Resp: 43425

Ion	Ratio	Lower	Upper
94	100		
65	39.3	15.0	55.0
66	53.1	26.1	66.1

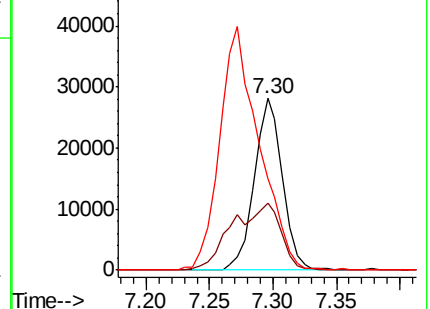
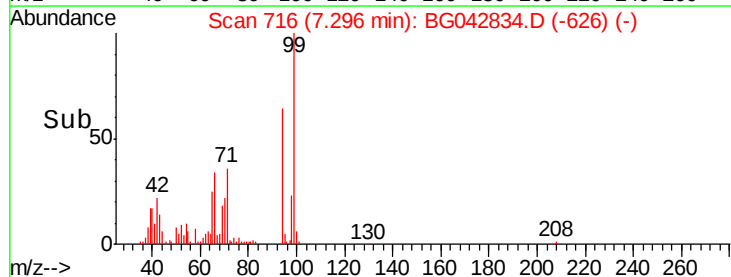


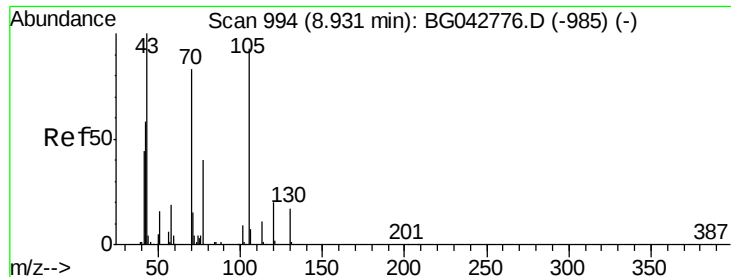
Abundance

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

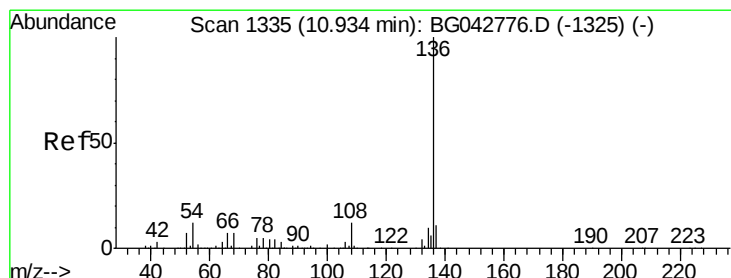
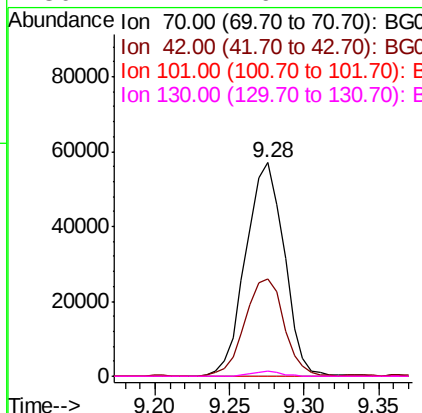
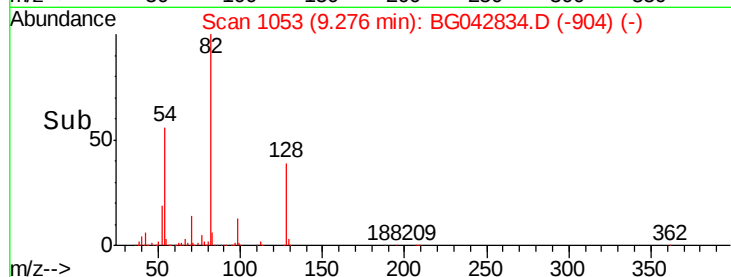
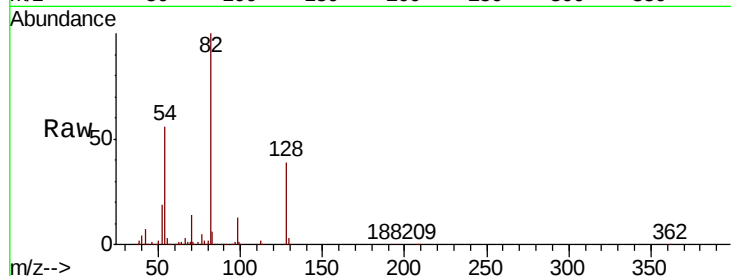




#19
n-Nitroso-di-n-propylamine
Concen: 15.934 ng
RT: 9.28 min Scan# 1053
Delta R.T. 0.34 min
Lab File: BG042834.D
Acq: 14 Sep 2019 2:10

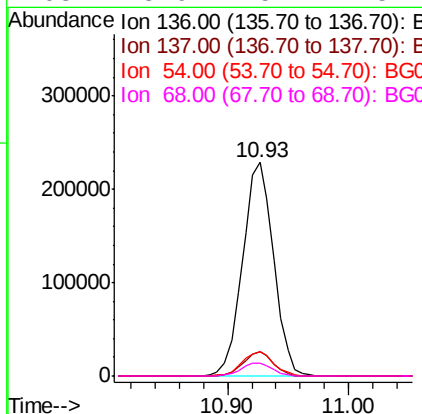
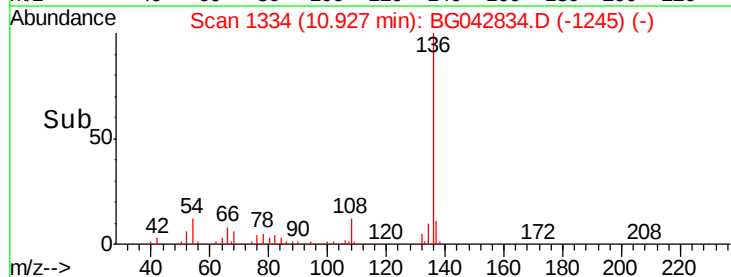
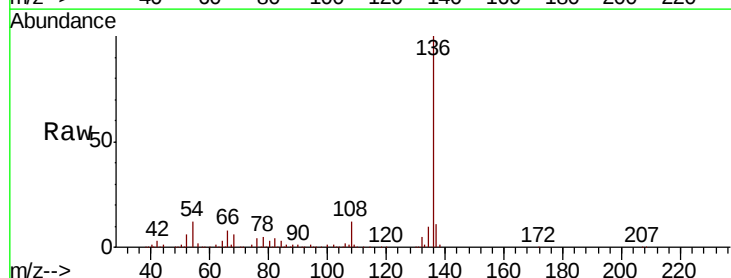
Instrument :
BNA_G
ClientSampleId :

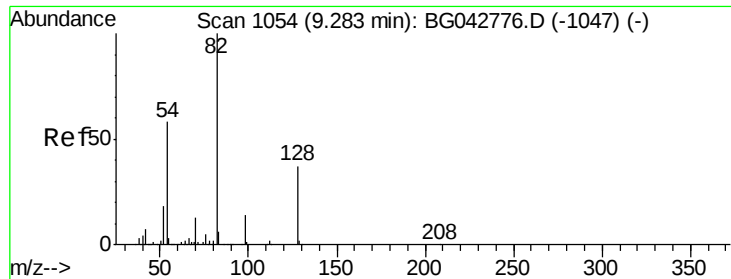
Tot Ion: 70 Resp: 101990
Ion Ratio Lower Upper
70 100
42 45.5 57.0 85.6#
101 0.0 8.4 12.6#
130 2.2 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042834.D
Acq: 14 Sep 2019 2:10

Tgt Ion: 136 Resp: 408560
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 11.7 9.4 14.0
68 5.9 5.4 8.2

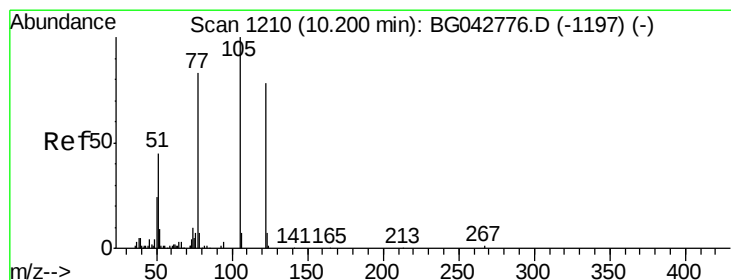
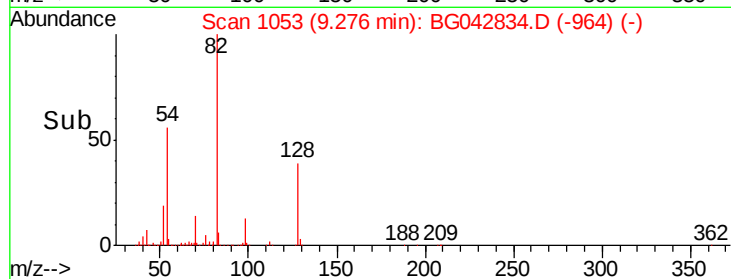
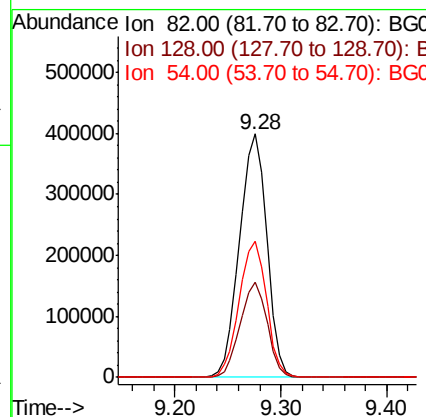
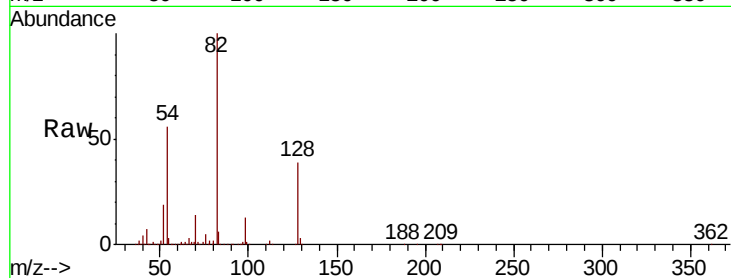




#23
Nitrobenzene-d5
Concen: 91.064 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042834.D
Acq: 14 Sep 2019 2:10

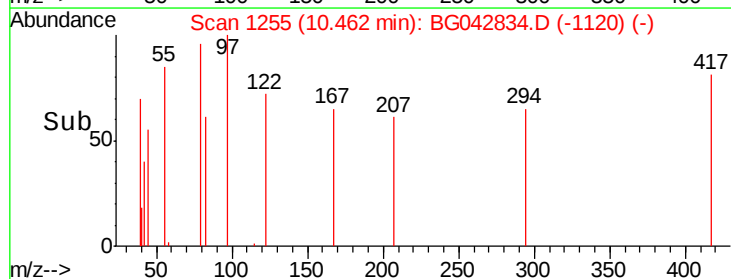
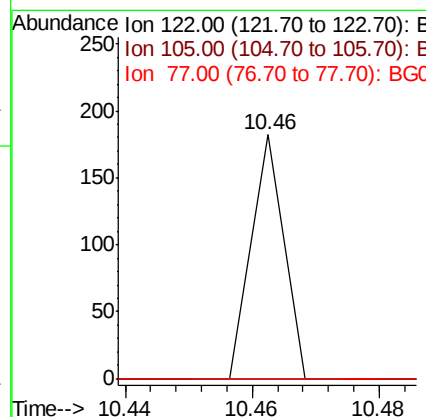
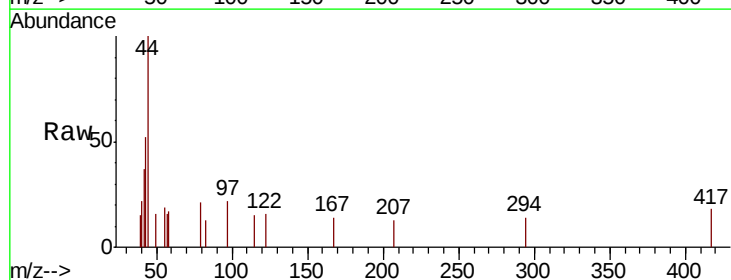
Instrument :
BNA_G
ClientSampled :

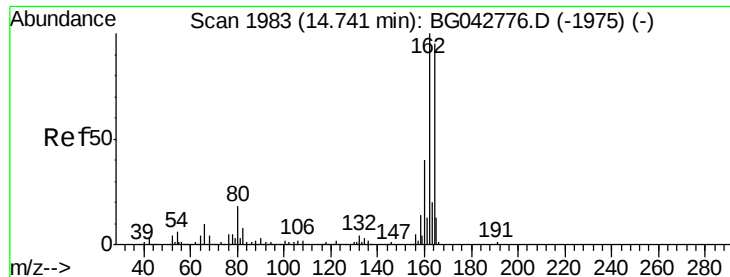
Tot Ion	82	Resp	714626
Ion	Ratio	Lower	Upper
82	100		
128	38.9	29.8	44.8
54	56.0	46.1	69.1



#32
Benzoic acid
Concen: 5.976 ng
RT: 10.46 min Scan# 1255
Delta R.T. 0.26 min
Lab File: BG042834.D
Acq: 14 Sep 2019 2:10

Tgt Ion	122	Resp	64
Ion	Ratio	Lower	Upper
122	100		
105	0.0	104.0	144.0#
77	0.0	84.2	124.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042834.D

Acq: 14 Sep 2019 2:10

Instrument :

BNA_G

ClientSampleId :

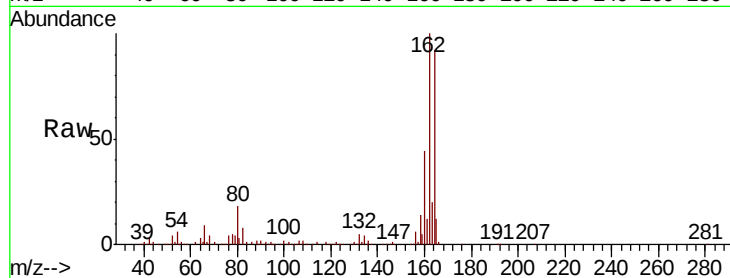
Tot Ion:164 Resp: 276125

Ion Ratio Lower Upper

164 100

162 108.4 84.6 126.8

160 47.4 34.2 51.2



Abundance

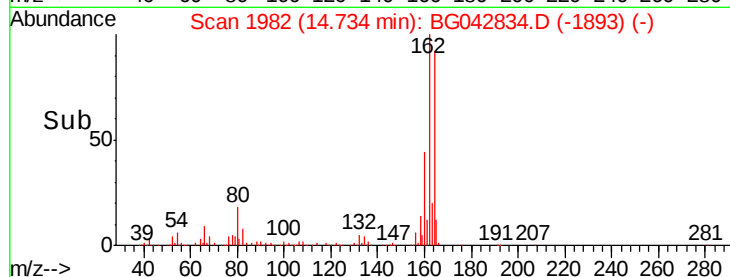
Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.73

Time-->



#42

2,4,6-Tribromophenol

Concen: 131.582 ng

RT: 16.21 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG042834.D

Acq: 14 Sep 2019 2:10

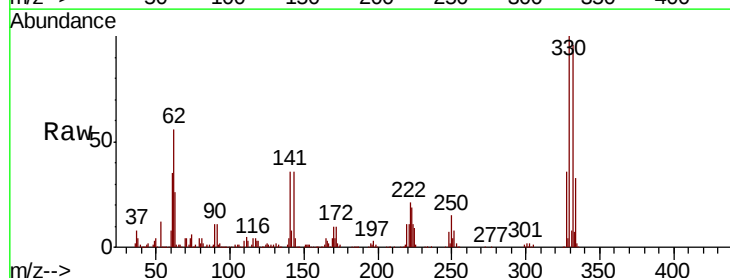
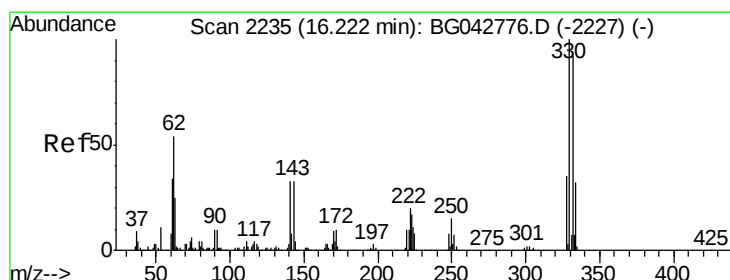
Tgt Ion:330 Resp: 483384

Ion Ratio Lower Upper

330 100

332 96.4 76.7 115.1

141 34.1 27.0 40.6



Abundance

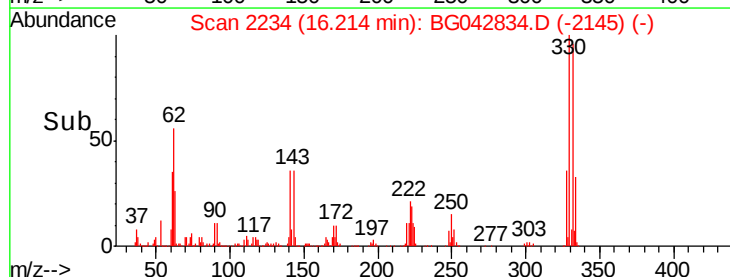
Ion 329.80 (329.50 to 330.50): E

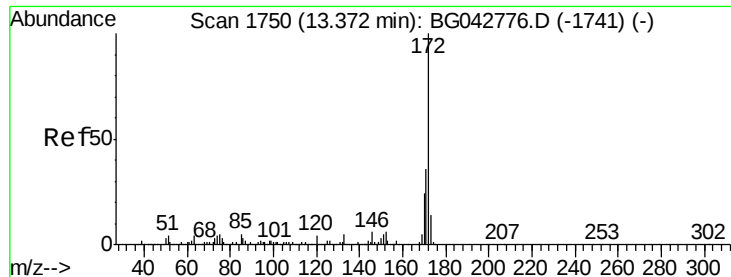
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

16.21

Time-->

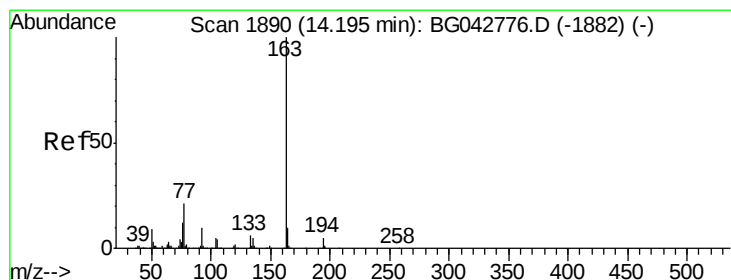
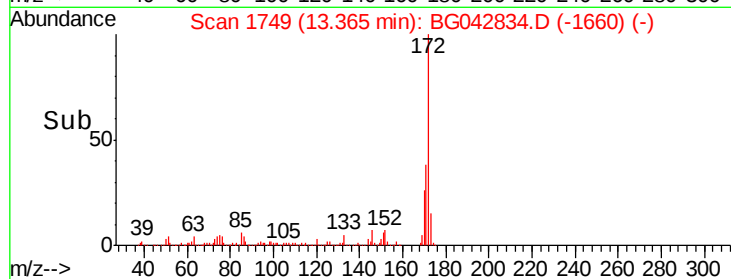
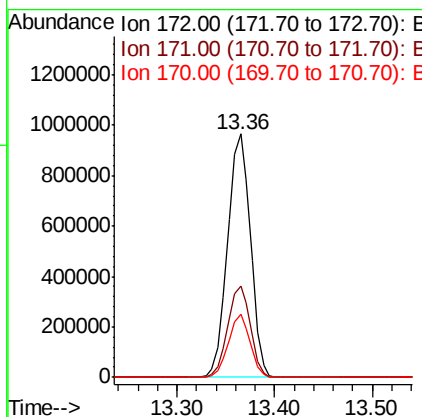
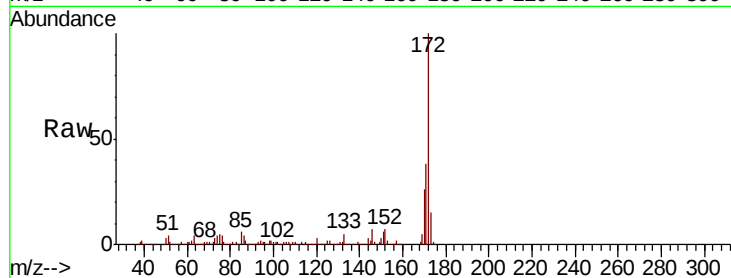




#45
2-Fluorobiphenyl
Concen: 89.901 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042834.D
Acq: 14 Sep 2019 2:10

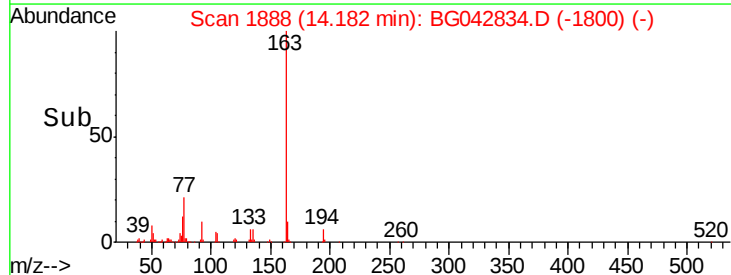
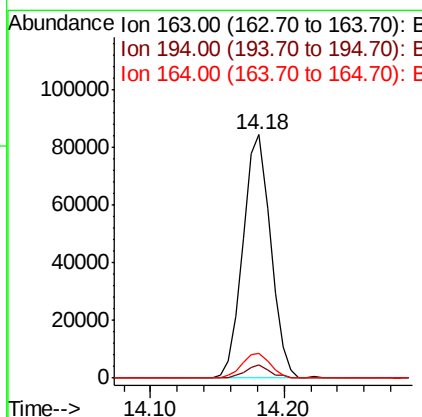
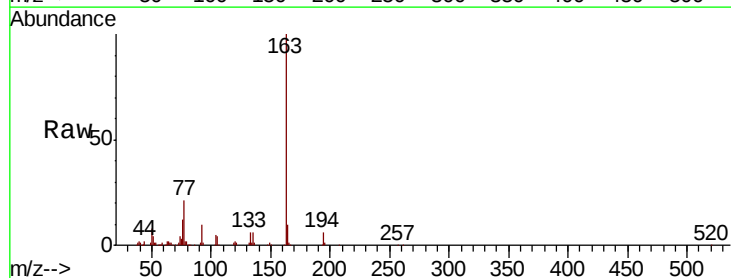
Instrument :
BNA_G
ClientSampleId :

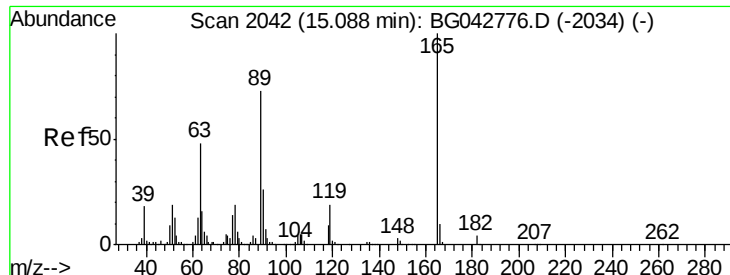
Tot Ion:172 Resp: 1568215
Ion Ratio Lower Upper
172 100
171 37.6 28.9 43.3
170 25.7 19.1 28.7



#50
Dimethylphthalate
Concen: 5.862 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG042834.D
Acq: 14 Sep 2019 2:10

Tgt Ion:163 Resp: 121256
Ion Ratio Lower Upper
163 100
194 5.6 4.2 6.4
164 10.4 8.4 12.6

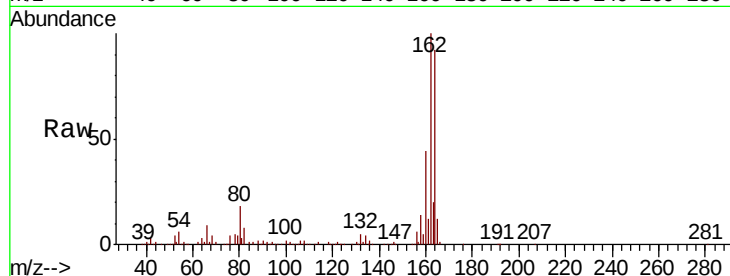




#57
 2,4-Dinitrotoluene
 Concen: 6.512 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.35 min
 Lab File: BG042834.D
 Acq: 14 Sep 2019 2:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.3	57.5#
89	1.6	58.4	87.6#
182	0.0	2.9	4.3#

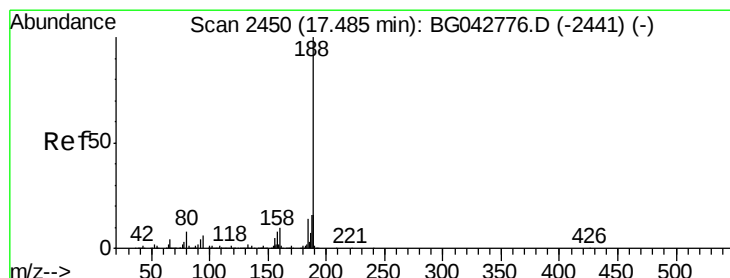
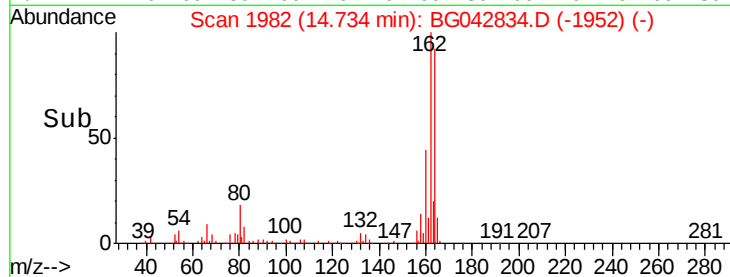
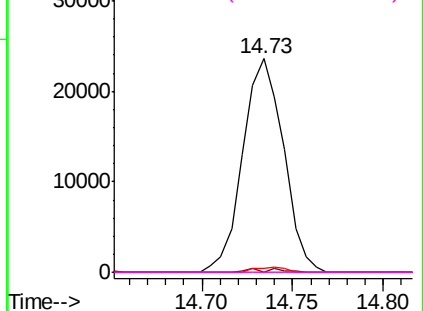


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

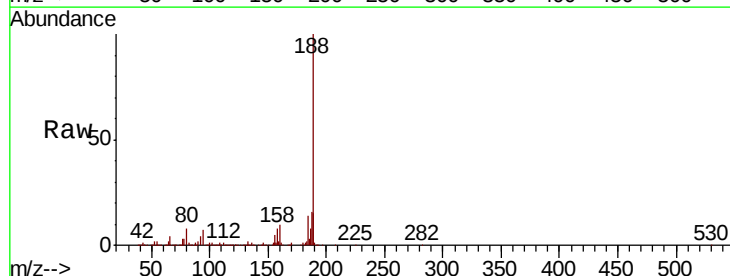
Ion 89.00 (88.70 to 89.70): BGC

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: BG042834.D
 Acq: 14 Sep 2019 2:10

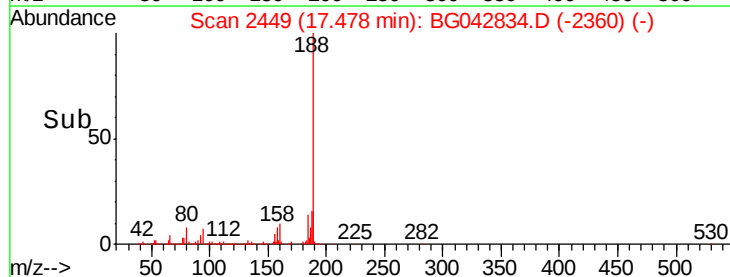
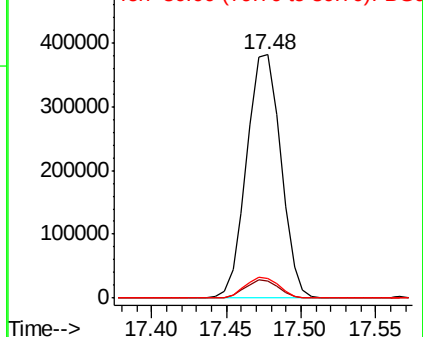
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	4.8	7.2
80	8.3	6.6	9.8

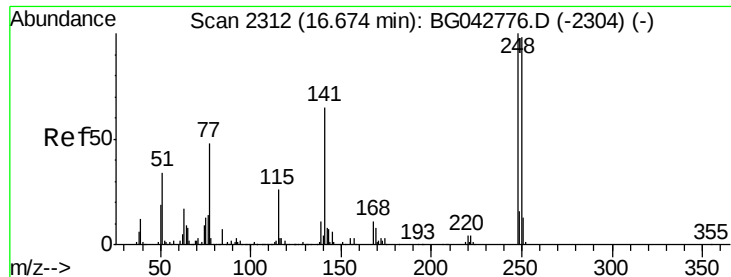


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

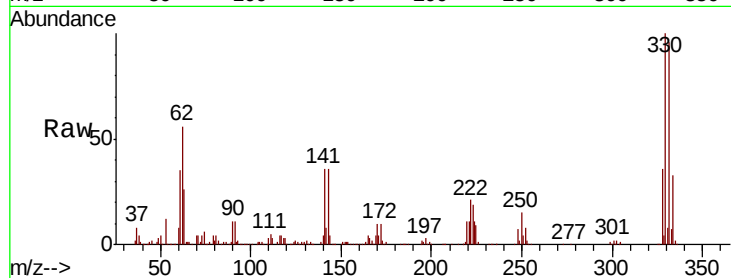




#67
 4-Bromophenyl-phenylether
 Concen: 4.677 ng
 RT: 16.21 min Scan# 2234
 Delta R.T. -0.46 min
 Lab File: BG042834.D
 Acq: 14 Sep 2019 2:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	208.0	78.0	117.0#
141	497.9	51.8	77.6#

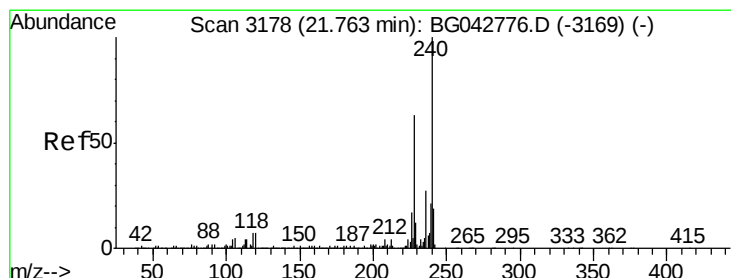
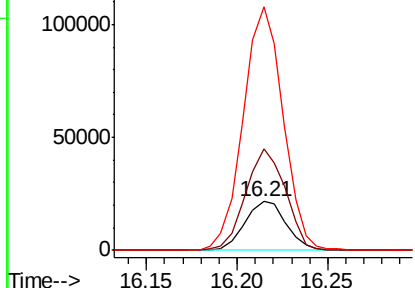
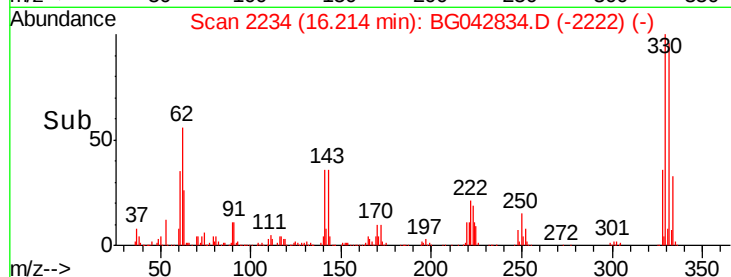


Abundance

Ion 248.00 (247.70 to 248.70): E

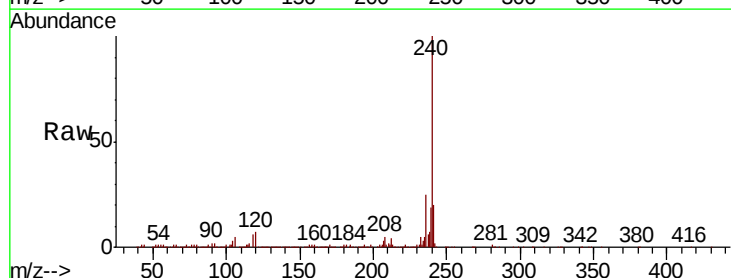
Ion 250.00 (249.70 to 250.70): E

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: BG042834.D
 Acq: 14 Sep 2019 2:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.4	8.2
236	25.5	21.7	32.5

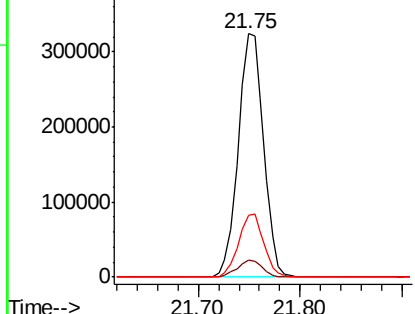
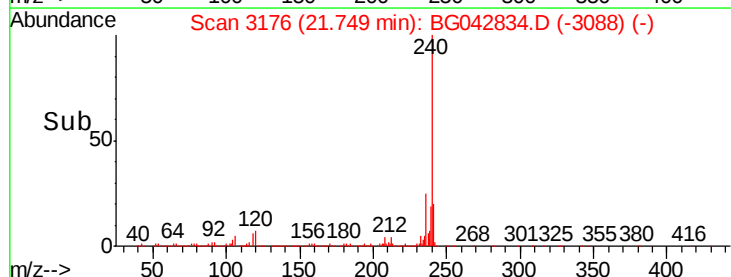


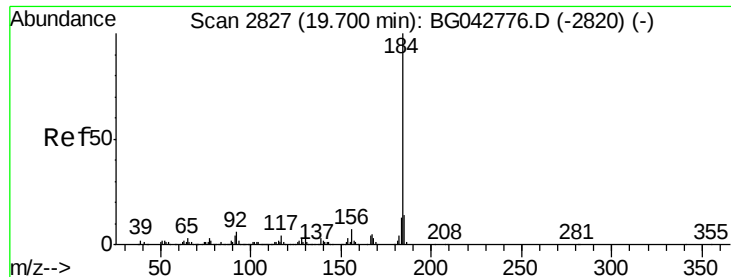
Abundance

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: 2.539 ng

RT: 20.09 min Scan# 2893

Delta R.T. 0.39 min

Lab File: BG042834.D

Acq: 14 Sep 2019 2:10

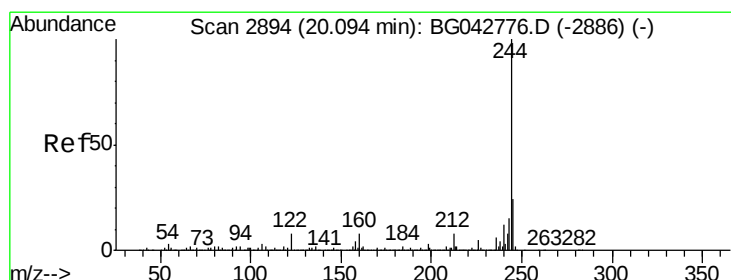
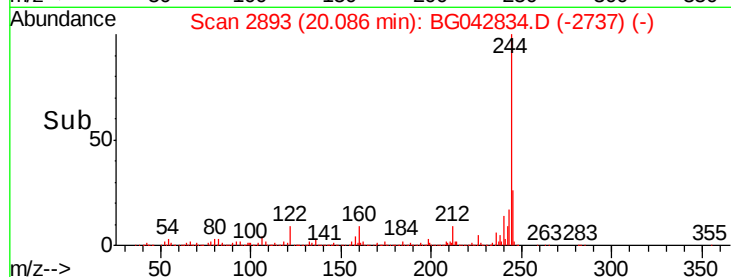
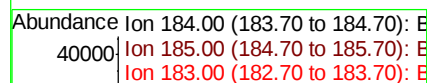
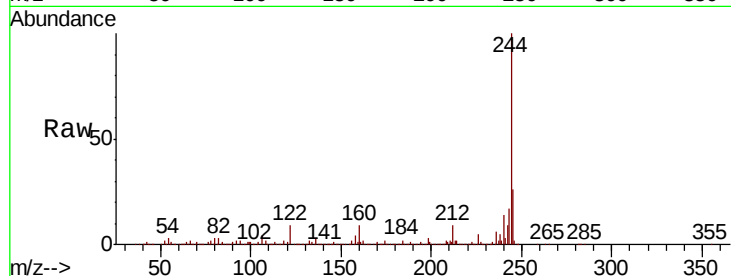
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 39572

Ion	Ratio	Lower	Upper
184	100		
185	20.9	11.6	17.4#
183	9.9	10.4	15.6#



#79

Terphenyl-d14

Concen: 89.724 ng

RT: 20.09 min Scan# 2893

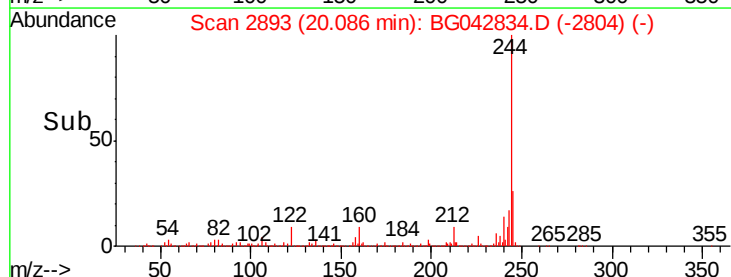
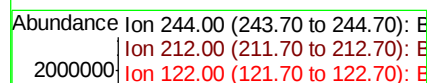
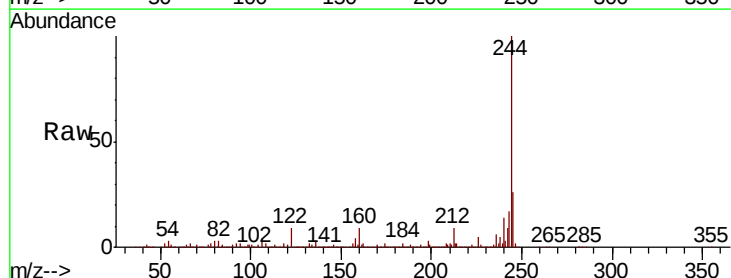
Delta R.T. -0.01 min

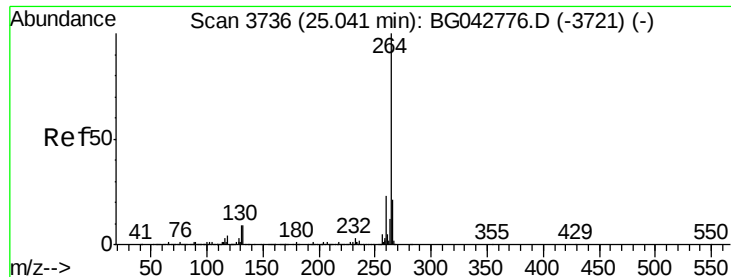
Lab File: BG042834.D

Acq: 14 Sep 2019 2:10

Tgt Ion:244 Resp: 2258333

Ion	Ratio	Lower	Upper
244	100		
212	9.5	6.6	10.0
122	9.4	6.2	9.4#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.02 min
Lab File: BG042834.D
Acq: 14 Sep 2019 2:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	22.9	16.9	25.3

