

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042959.D
 Acq On : 1 Oct 2019 2:35
 Operator : JU
 Sample : K4668-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 01 07:13:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

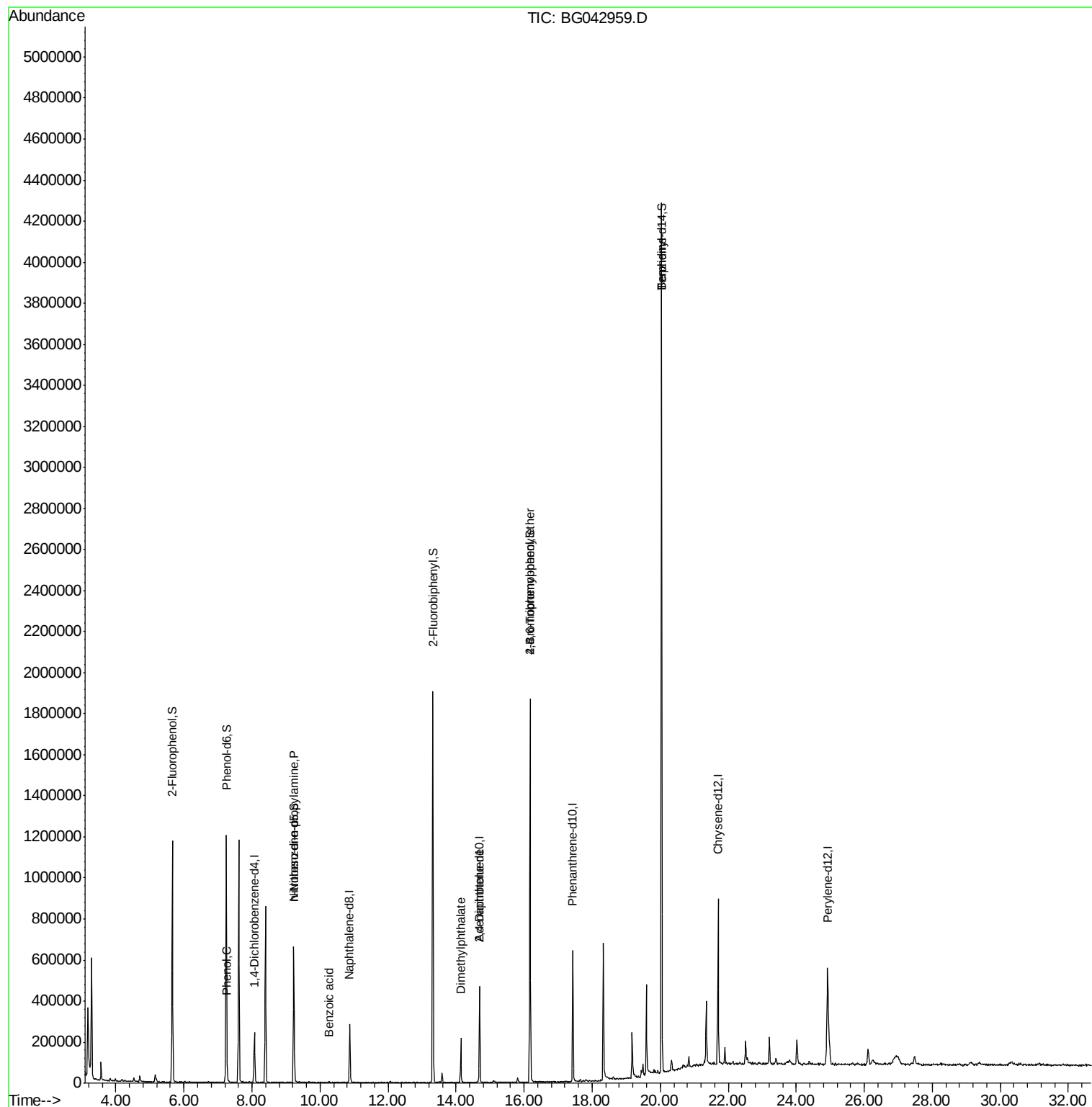
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	69740	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	241237	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	169532	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	415289	20.00	ng	0.00
76) Chrysene-d12	21.70	240	478621	20.00	ng	-0.01
87) Perylene-d12	24.92	264	545691	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	482520	123.48	ng	0.00
7) Phenol-d6	7.24	99	679950	120.83	ng	0.00
23) Nitrobenzene-d5	9.23	82	419820	84.59	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	392444	134.62	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1017428	87.00	ng	0.00
79) Terphenyl-d14	20.04	244	2052130	91.36	ng	0.00
Target Compounds						
10) Phenol	7.27	94	11911	2.307	ng	87
19) n-Nitroso-di-n-propylamine	9.23	70	61925	16.758	ng	# 71
32) Benzoic acid	10.27	122	56	2.824	ng	# 1
50) Dimethylphthalate	14.14	163	140526	11.063	ng	98
57) 2,4-Dinitrotoluene	14.69	165	21923	5.534	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	26878	5.157	ng	# 1
77) Benzidine	20.04	184	35925	2.998	ng	# 86

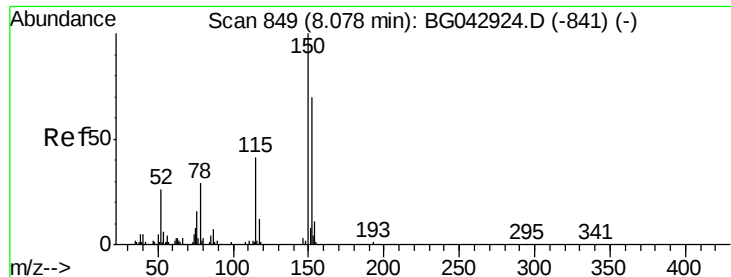
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
Data File : BG042959.D
Acq On : 1 Oct 2019 2:35
Operator : JU
Sample : K4668-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 01 07:13:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration



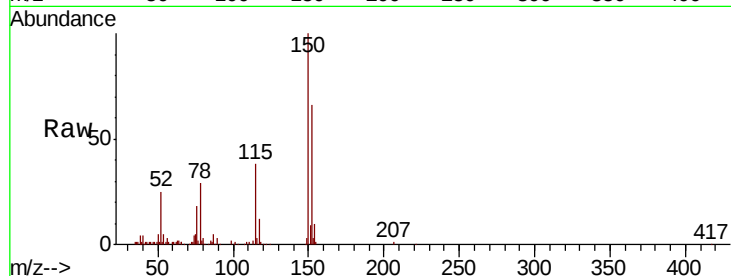


#1

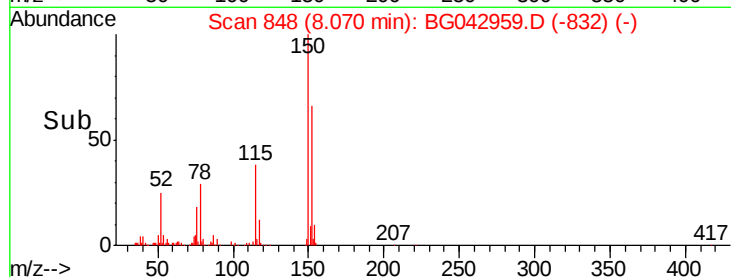
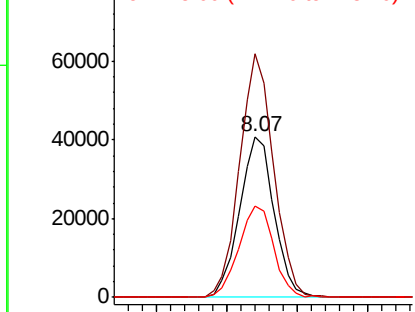
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 69740
Ion Ratio Lower Upper
152 100
150 151.4 115.0 172.4
115 56.8 47.0 70.6



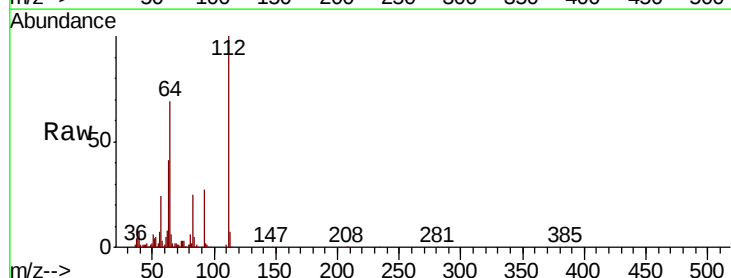
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



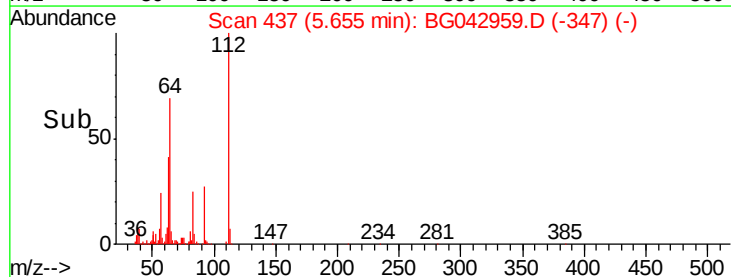
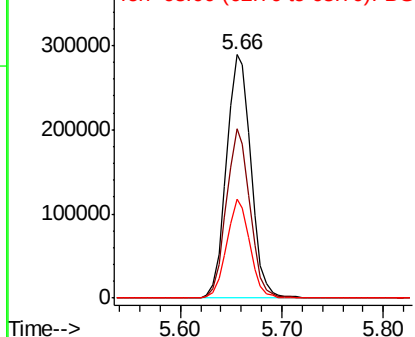
#5

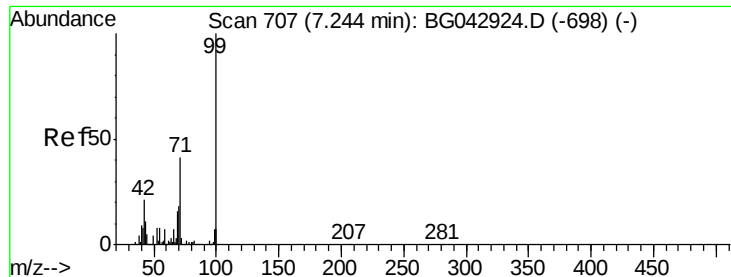
2-Fluorophenol
Concen: 123.475 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

Tgt Ion:112 Resp: 482520
Ion Ratio Lower Upper
112 100
64 69.4 56.6 84.8
63 40.9 35.1 52.7



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: 120.826 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042959.D

Acq: 1 Oct 2019 2:35

Instrument :

BNA_G

ClientSampled :

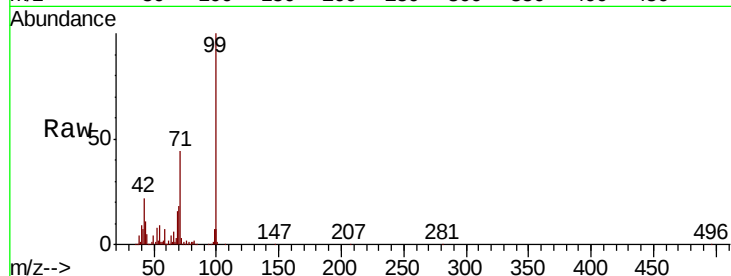
Tot Ion: 99 Resp: 679950

Ion Ratio Lower Upper

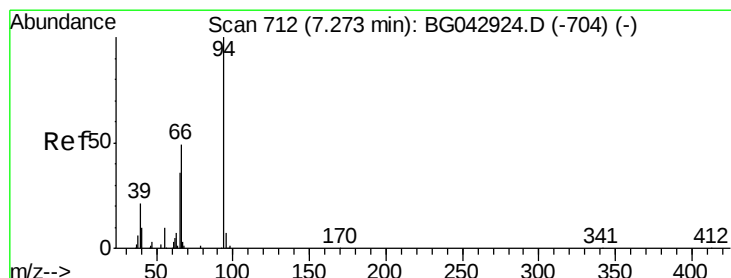
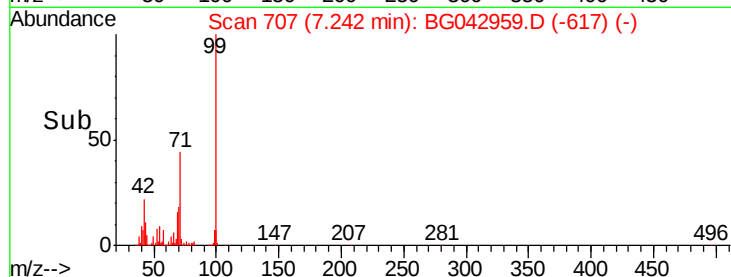
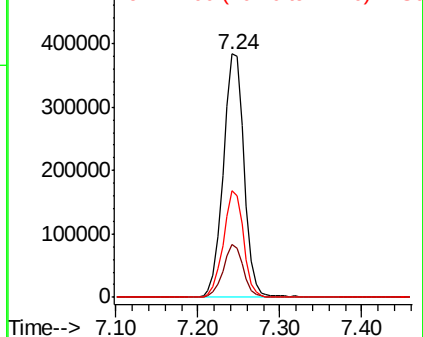
99 100

42 21.6 17.2 25.8

71 44.0 33.1 49.7



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: 2.307 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG042959.D

Acq: 1 Oct 2019 2:35

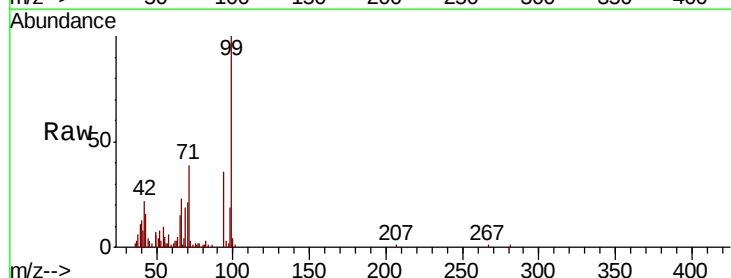
Tgt Ion: 94 Resp: 11911

Ion Ratio Lower Upper

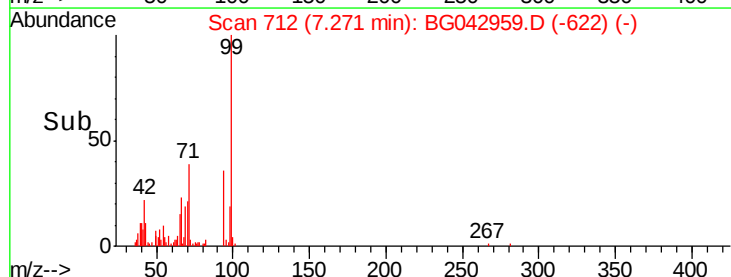
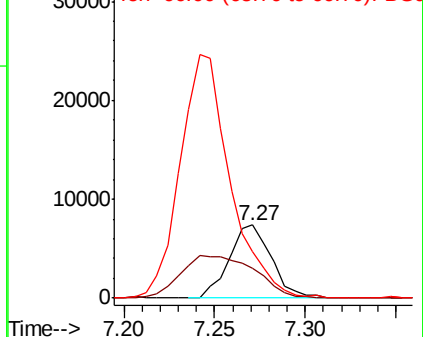
94 100

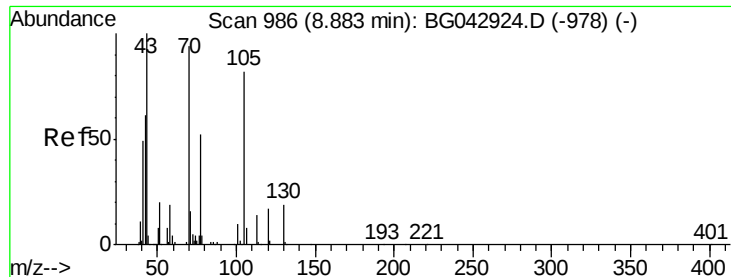
65 41.5 16.6 56.6

66 64.1 32.4 72.4



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

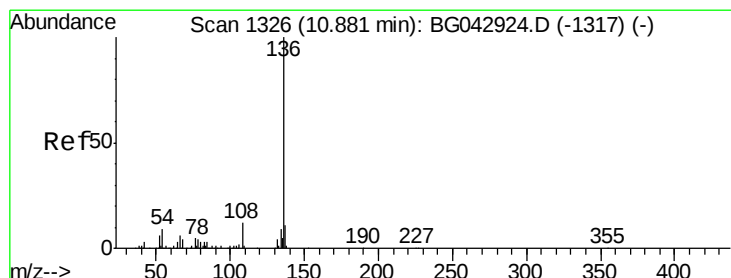
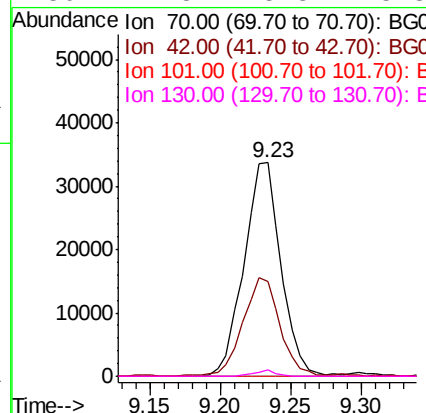
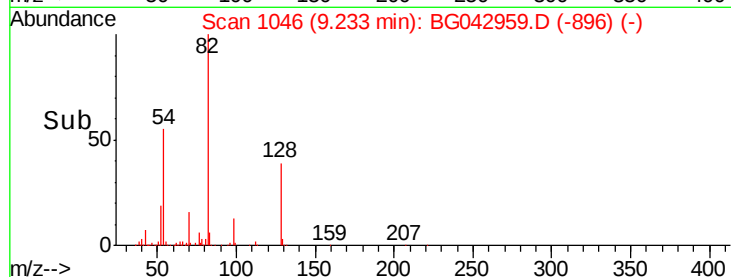
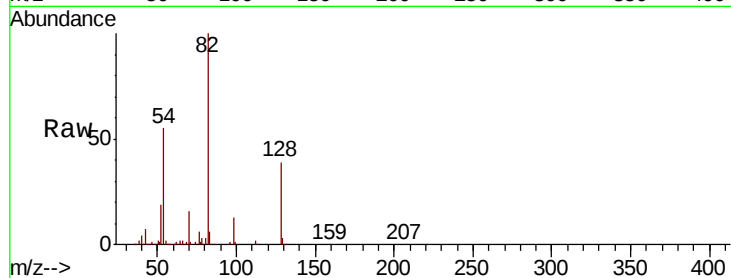




#19
n-Nitroso-di-n-propylamine
Concen: 16.758 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.35 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

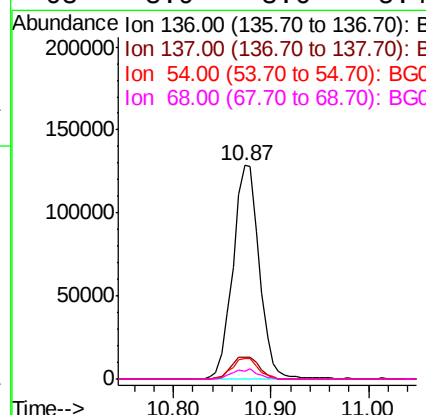
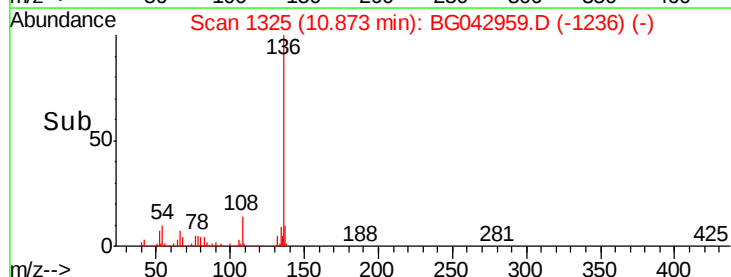
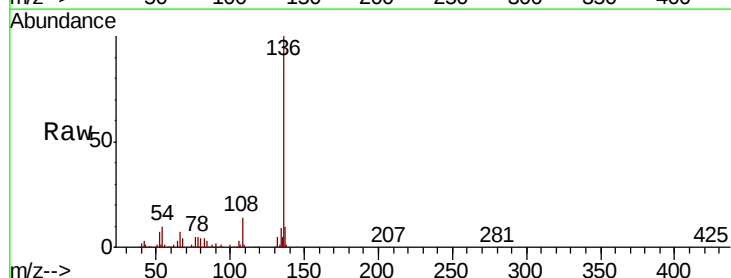
Instrument :
BNA_G
ClientSampleId :

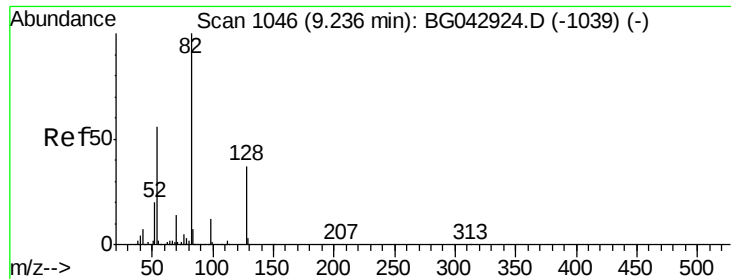
Tot Ion: 70 Resp: 61925
Ion Ratio Lower Upper
70 100
42 44.2 52.6 79.0#
101 0.0 8.7 13.1#
130 2.8 15.8 23.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

Tgt Ion: 136 Resp: 241237
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 9.7 7.4 11.2
68 3.9 3.6 5.4

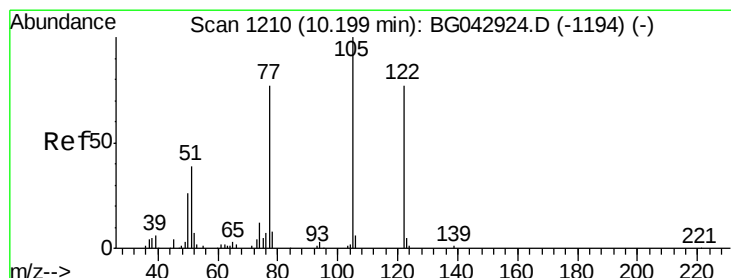
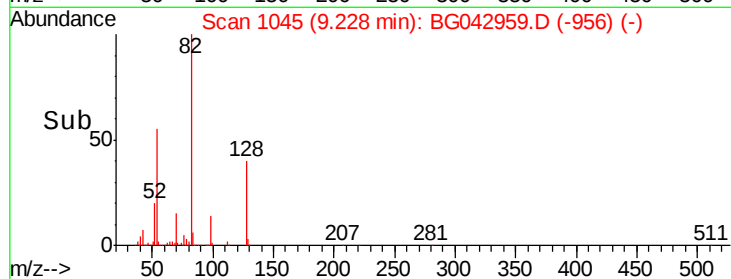
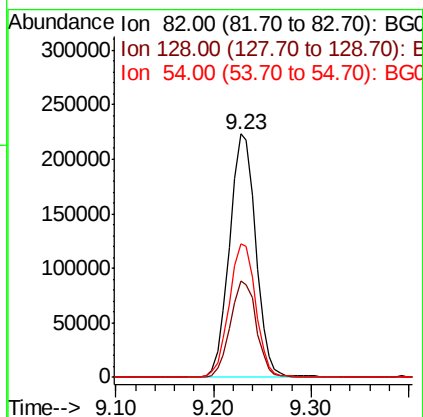
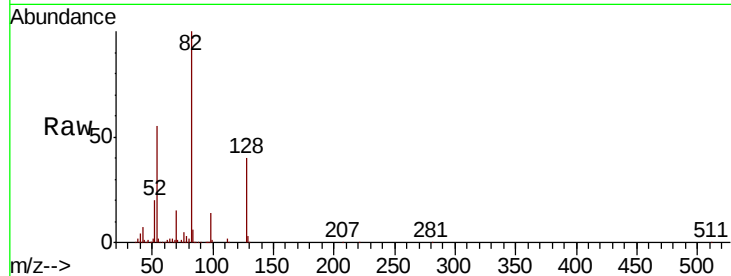




#23
 Nitrobenzene-d5
 Concen: 84.587 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG042959.D
 Acq: 1 Oct 2019 2:35

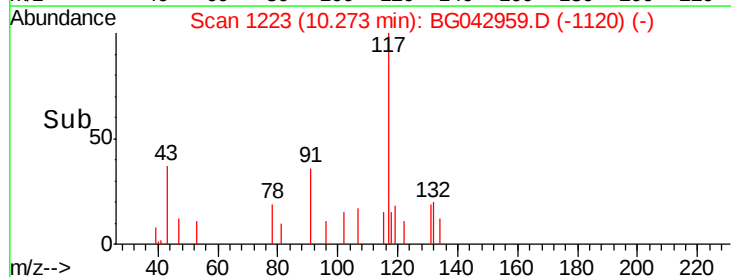
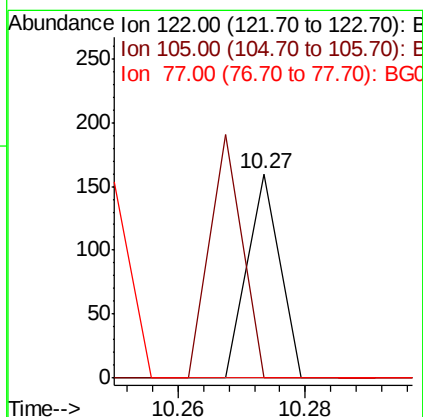
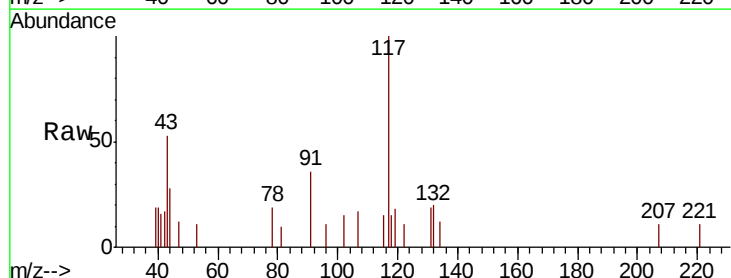
Instrument :
 BNA_G
 ClientSampled :

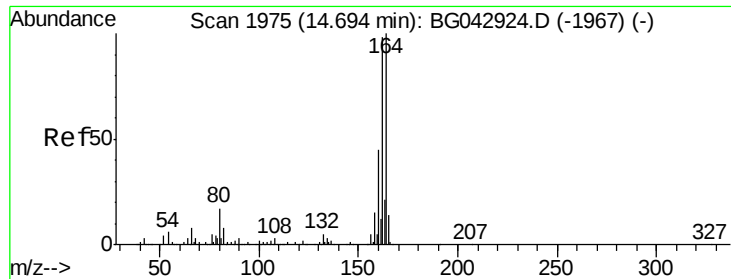
Tot Ion	82	Resp	419820
Ion Ratio	Lower	Upper	
82	100		
128	39.8	29.5	44.3
54	55.1	44.6	67.0



#32
 Benzoic acid
 Concen: 2.824 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. 0.07 min
 Lab File: BG042959.D
 Acq: 1 Oct 2019 2:35

Tgt Ion	122	Resp	56
Ion Ratio	Lower	Upper	
122	100		
105	0.0	107.5	147.5#
77	0.0	79.8	119.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG042959.D

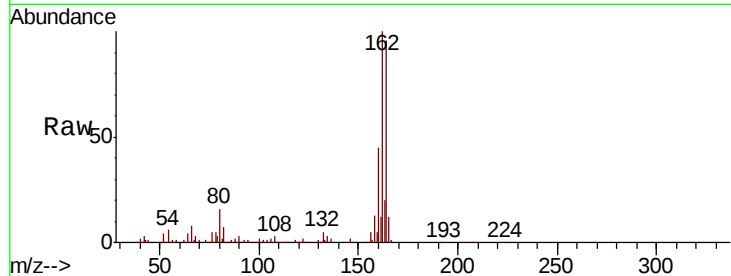
Acq: 1 Oct 2019 2:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion:164	Resp:	169532
Ion Ratio	Lower	Upper
164	100	
162	104.6	78.5 117.7
160	47.3	35.9 53.9

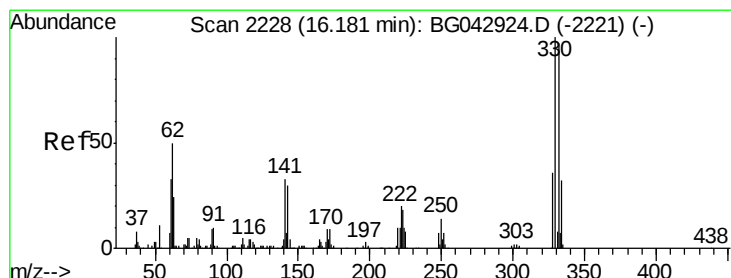
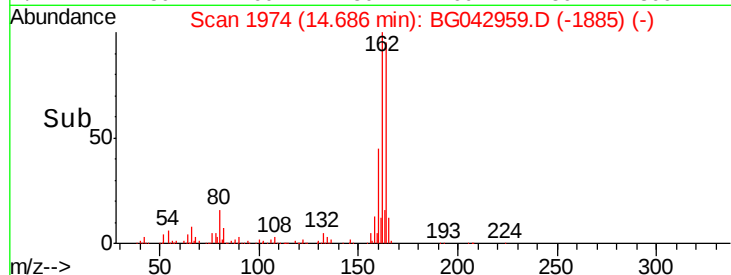
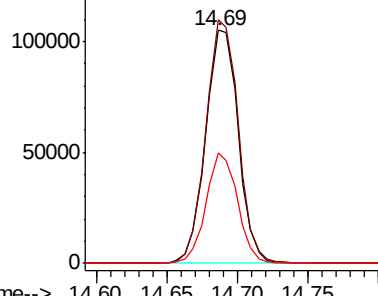


Abundance

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: 134.619 ng

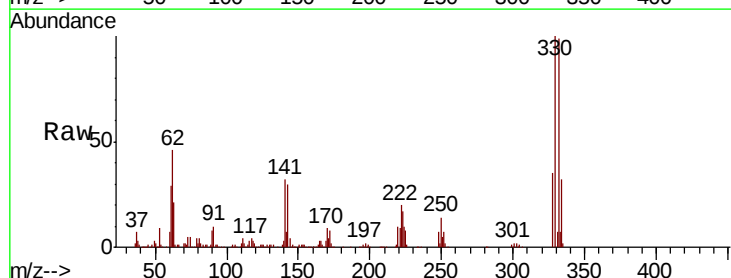
RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG042959.D

Acq: 1 Oct 2019 2:35

Tgt Ion:330	Resp:	392444
Ion Ratio	Lower	Upper
330	100	
332	96.3	78.2 117.2
141	31.3	26.0 39.0

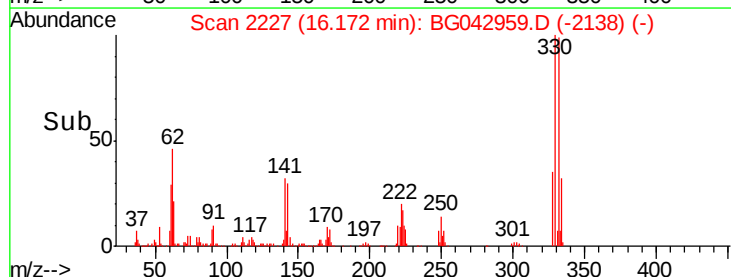
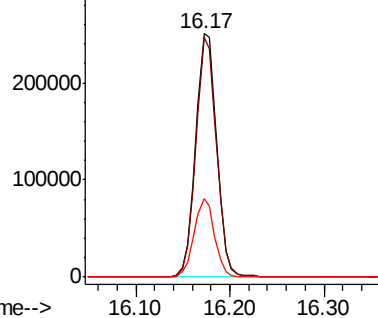


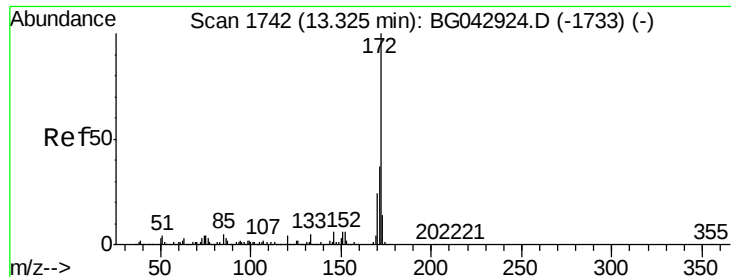
Abundance

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



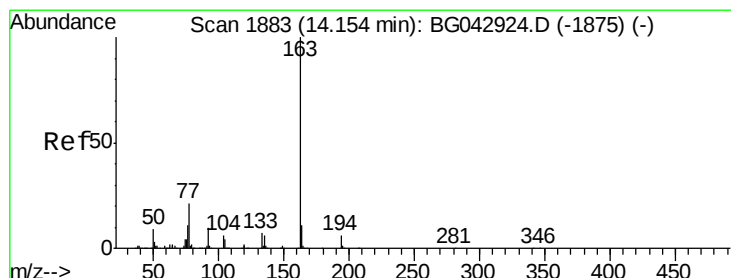
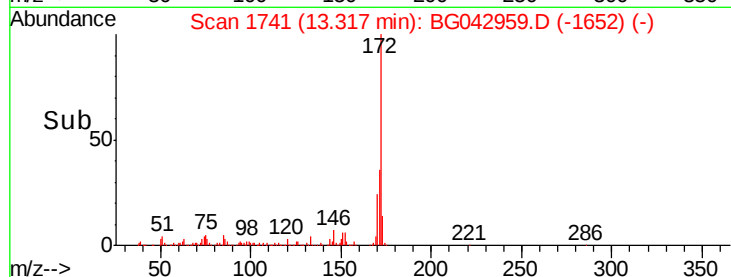
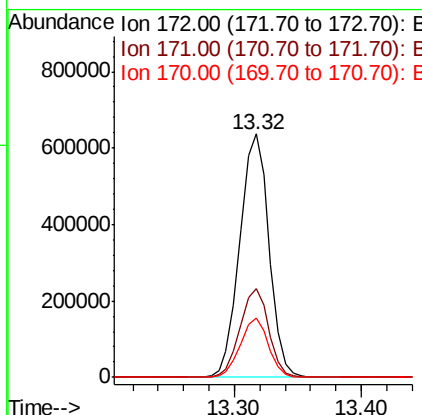
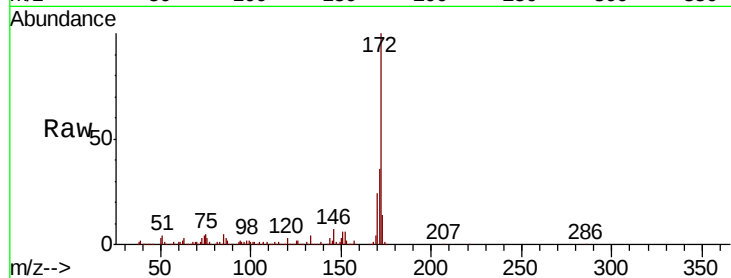


#45
 2-Fluorobiphenyl
 Concen: 87.002 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG042959.D
 Acq: 1 Oct 2019 2:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1017428

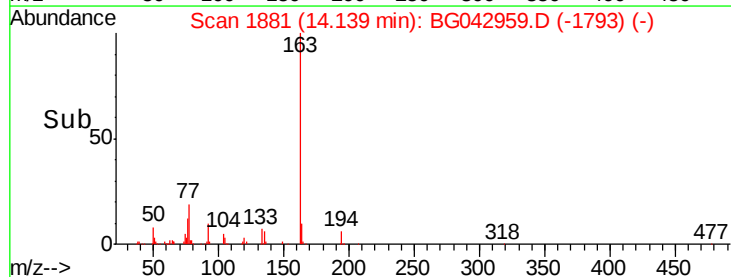
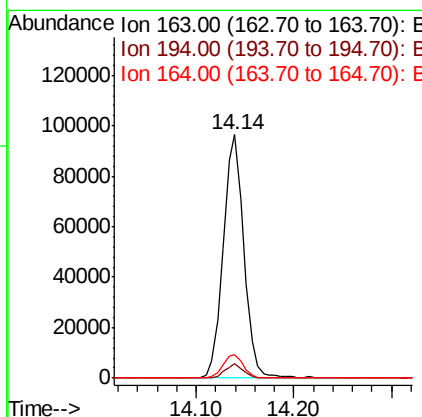
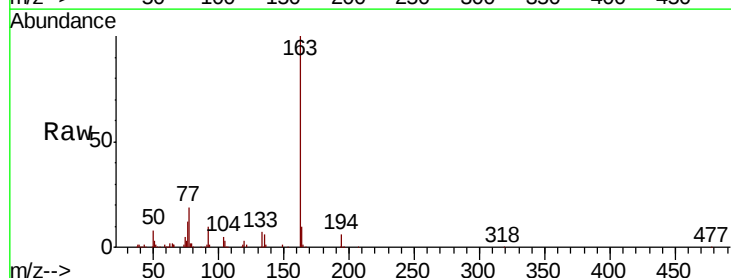
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.3	19.6	29.4

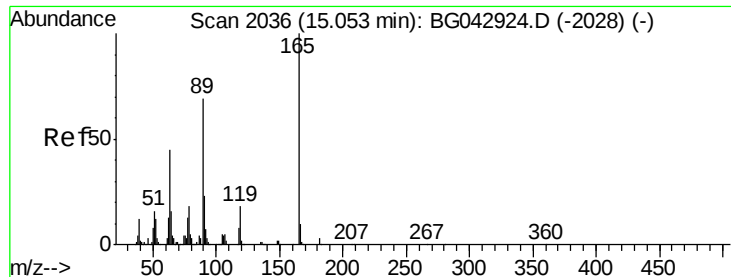


#50
 Dimethylphthalate
 Concen: 11.063 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.01 min
 Lab File: BG042959.D
 Acq: 1 Oct 2019 2:35

Tgt Ion:163 Resp: 140526

Ion	Ratio	Lower	Upper
163	100		
194	6.2	4.4	6.6
164	9.8	8.6	12.8

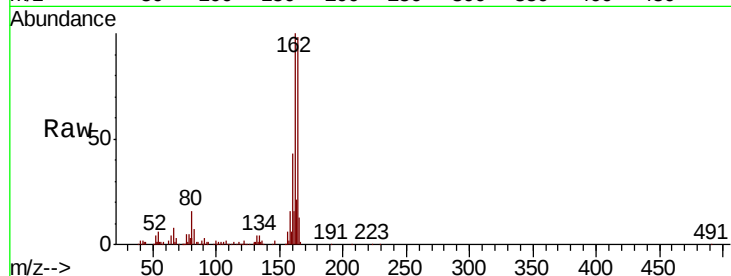




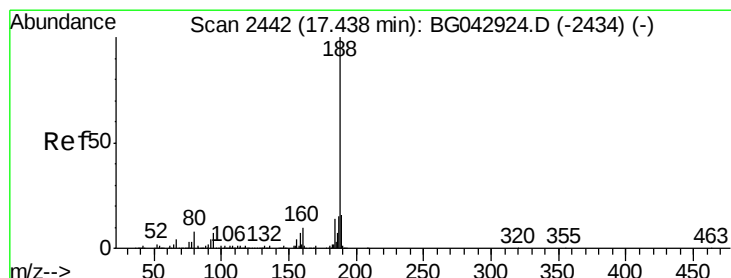
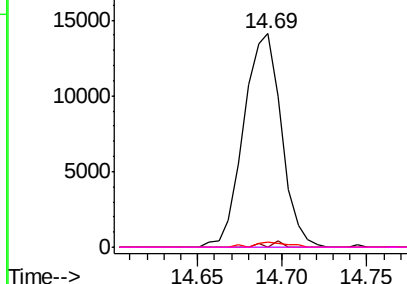
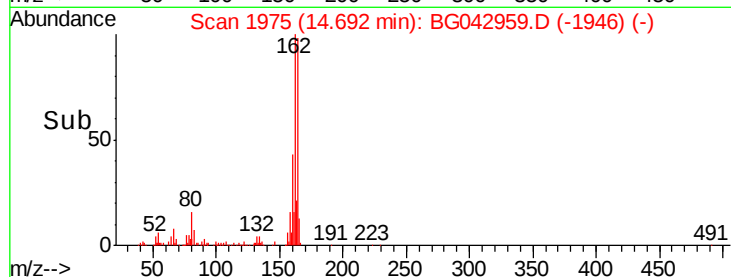
#57
2,4-Dinitrotoluene
Concen: 5.534 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.36 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 21923
Ion Ratio Lower Upper
165 100
63 0.0 36.5 54.7#
89 2.4 55.5 83.3#
182 0.0 2.4 3.6#

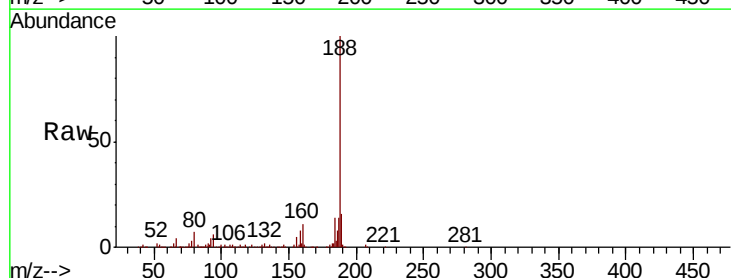


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

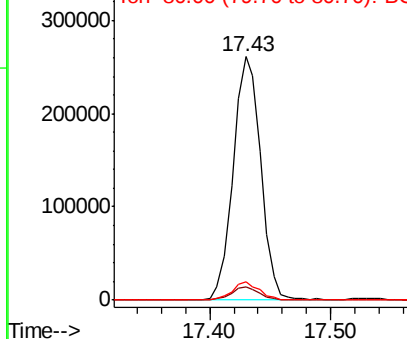
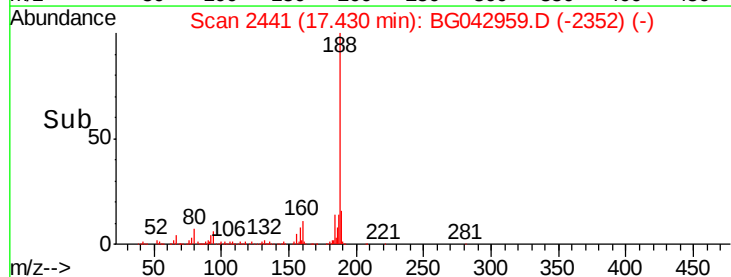


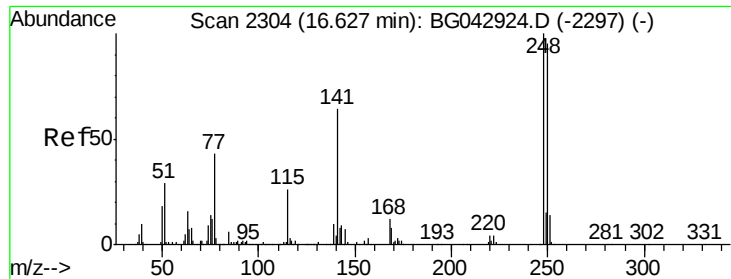
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG042959.D
Acq: 1 Oct 2019 2:35

Tgt Ion:188 Resp: 415289
Ion Ratio Lower Upper
188 100
94 5.5 5.7 8.5#
80 7.3 6.5 9.7



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

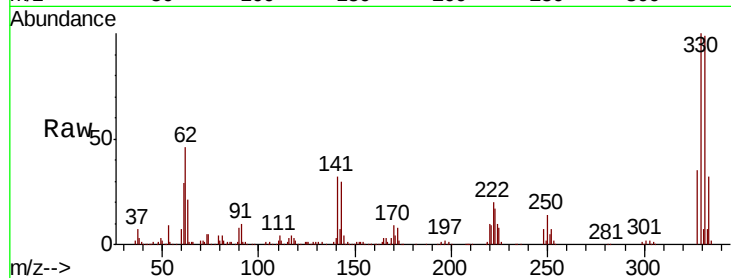




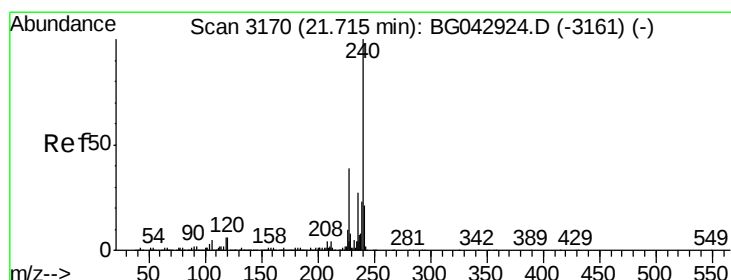
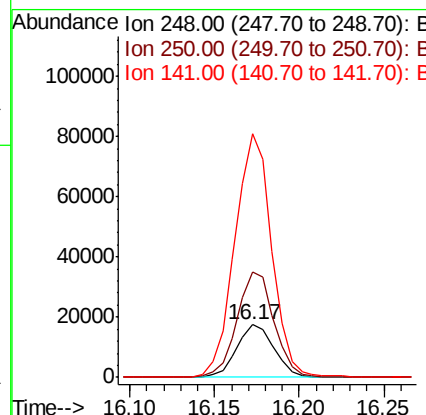
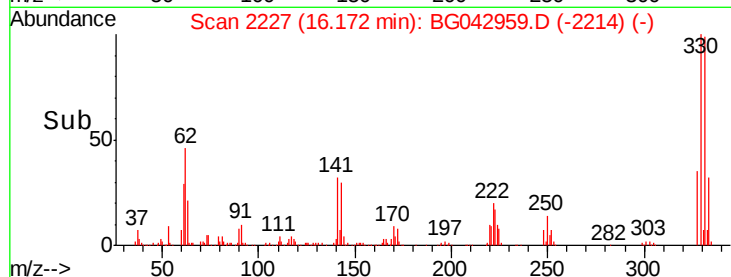
#67
 4-Bromophenyl-phenylether
 Concen: 5.157 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.45 min
 Lab File: BG042959.D
 Acq: 1 Oct 2019 2:35

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 26878
 Ion Ratio Lower Upper
 248 100
 250 200.3 75.8 113.8#
 141 464.4 51.1 76.7#

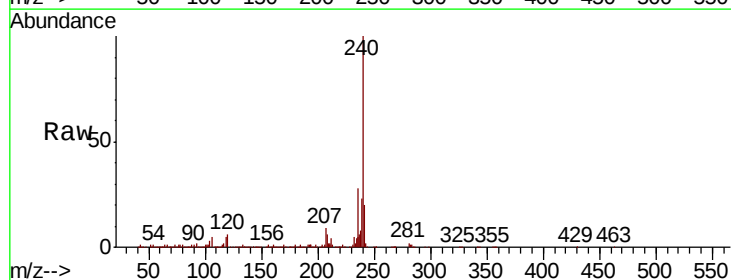


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

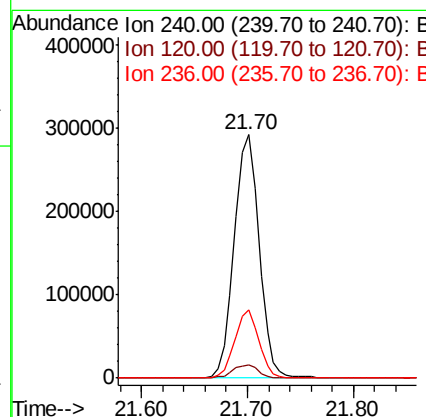
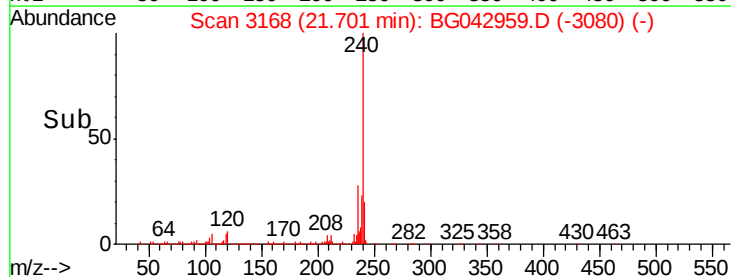


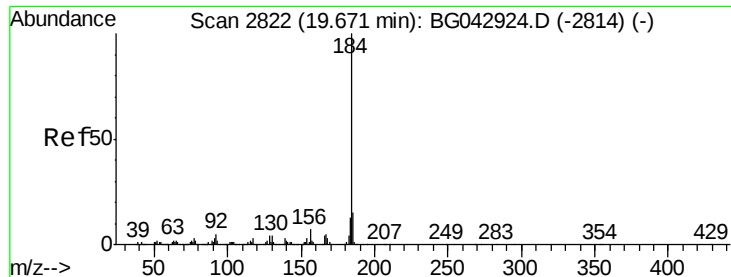
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.01 min
 Lab File: BG042959.D
 Acq: 1 Oct 2019 2:35

Tgt Ion:240 Resp: 478621
 Ion Ratio Lower Upper
 240 100
 120 5.5 4.8 7.2
 236 27.9 21.4 32.0



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: 2.998 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.37 min

Lab File: BG042959.D

Acq: 1 Oct 2019 2:35

Instrument :

BNA_G

ClientSampleId :

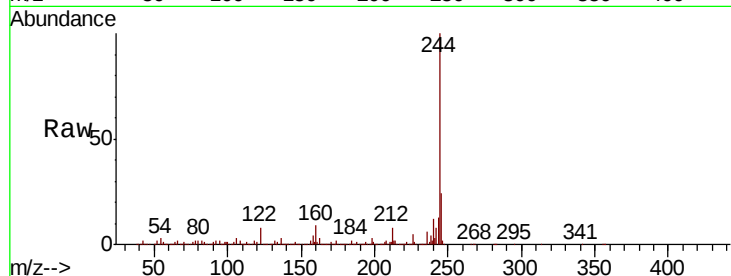
Tot Ion:184 Resp: 35925

Ion Ratio Lower Upper

184 100

185 20.1 11.8 17.8#

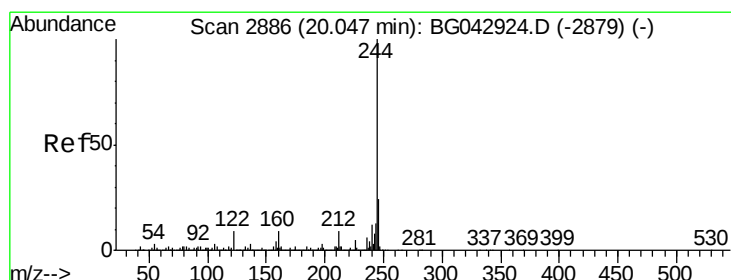
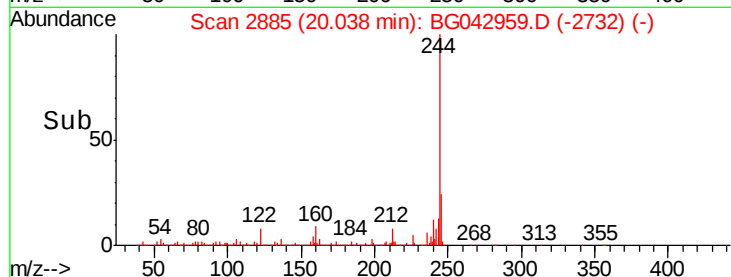
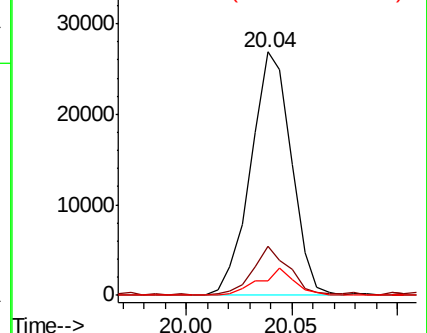
183 6.1 10.1 15.1#



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: 91.363 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042959.D

Acq: 1 Oct 2019 2:35

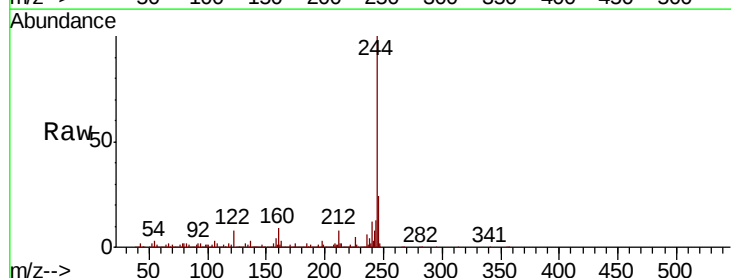
Tgt Ion:244 Resp: 2052130

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.0

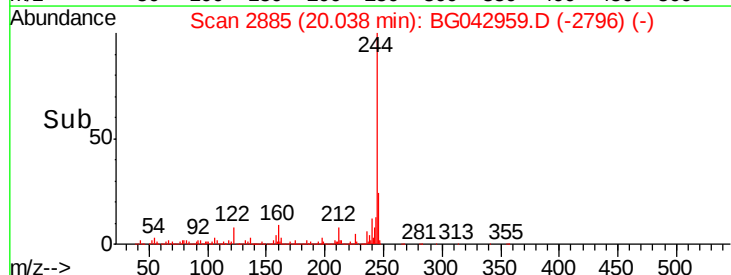
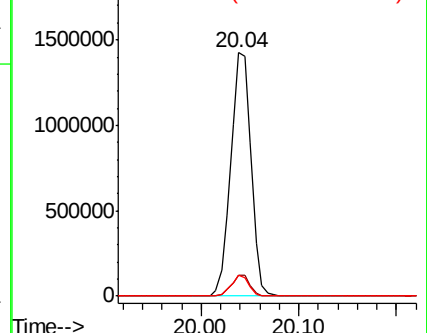
122 8.4 7.0 10.4

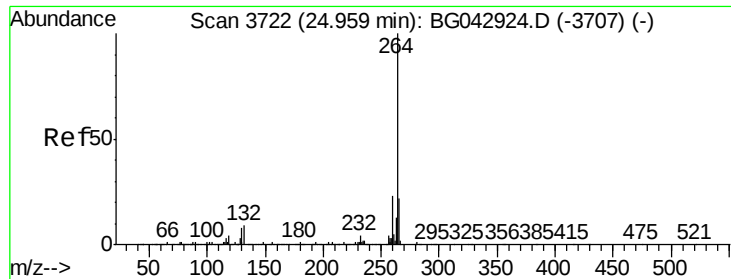


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.92 min Scan# 3716
 Delta R.T. -0.04 min
 Lab File: BG042959.D
 Acq: 1 Oct 2019 2:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	22.8	17.7	26.5

