

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
 Data File : BG043276.D
 Acq On : 18 Oct 2019 00:08
 Operator : JU
 Sample : K5358-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190897-AMENDED-COMP-KM-CA

Quant Time: Oct 18 01:43:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

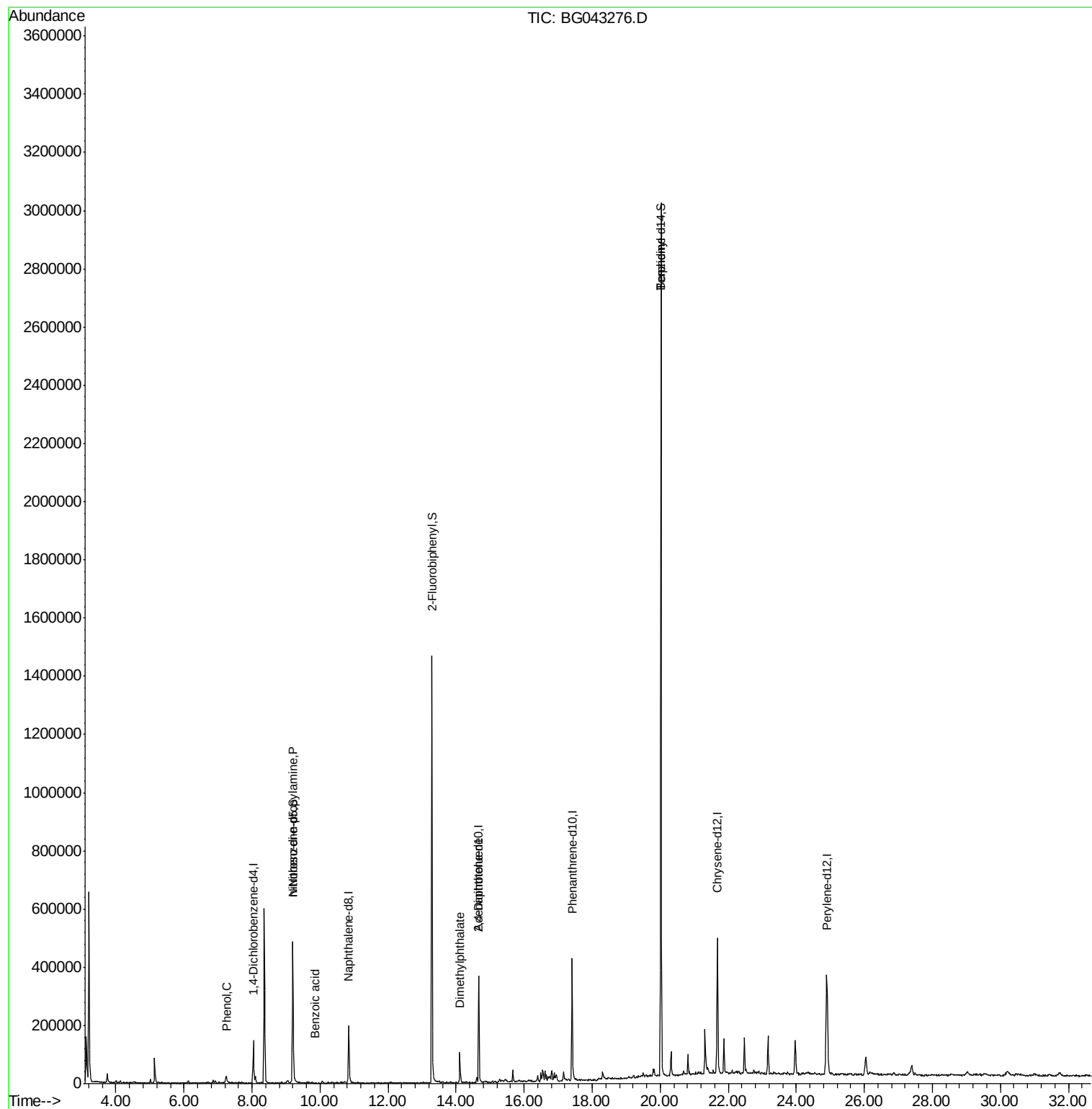
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	49155	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	192783	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	136937	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	296135	20.00	ng	0.00
76) Chrysene-d12	21.68	240	313671	20.00	ng	0.00
87) Perylene-d12	24.90	264	373957	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	59	0.02	ng	0.00
7) Phenol-d6	7.22	99	3390	0.85	ng	-0.01
23) Nitrobenzene-d5	9.20	82	328443	82.81	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	124	0.05	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	854524	90.47	ng	-0.02
79) Terphenyl-d14	20.02	244	1545945	105.02	ng	0.00
Target Compounds						
10) Phenol	7.25	94	13094	3.598	ng	84
19) n-Nitroso-di-n-propylamine	9.20	70	44599	17.124	ng	# 71
32) Benzoic acid	9.86	122	60	2.832	ng	# 1
50) Dimethylphthalate	14.12	163	78160	7.618	ng	97
57) 2,4-Dinitrotoluene	14.66	165	18438	5.762	ng	# 24
77) Benzidine	20.02	184	23293	2.966	ng	# 93

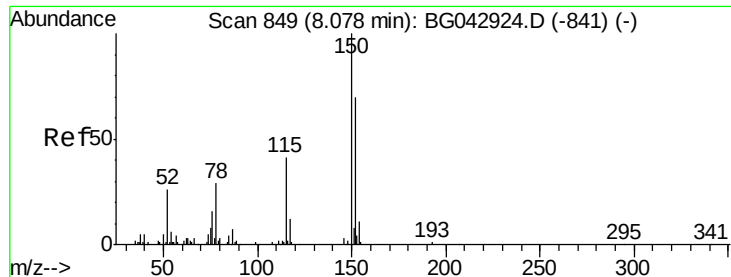
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043276.D
Acq On : 18 Oct 2019 00:08
Operator : JU
Sample : K5358-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20190897-AMENDED-COMP-KM-CA

Quant Time: Oct 18 01:43:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.02 min

Lab File: BG043276.D

Acq: 18 Oct 2019 00:08

Instrument :

BNA_G

ClientSampleId :

20190897-AMENDED-COMP-KM-CA

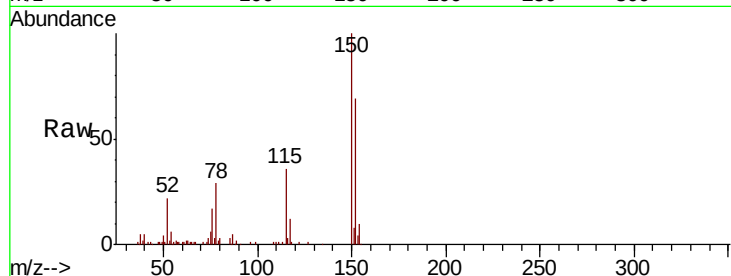
Tot Ion:152 Resp: 49155

Ion Ratio Lower Upper

152 100

150 145.6 115.0 172.4

115 52.0 47.0 70.6

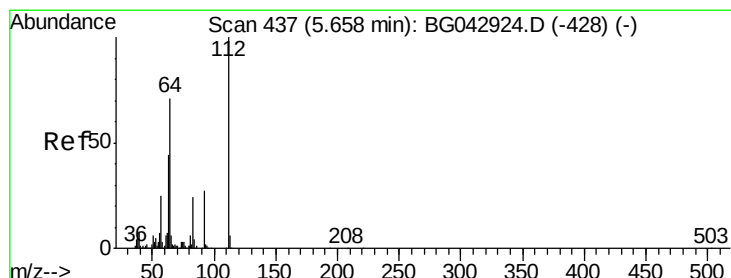
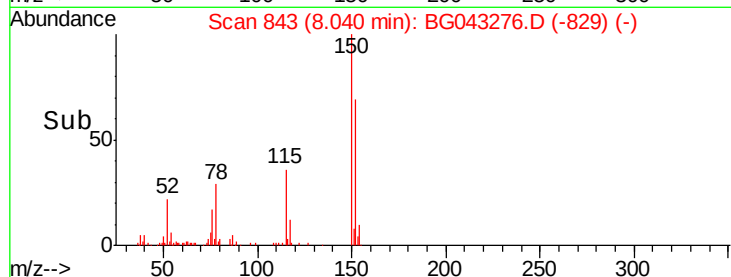
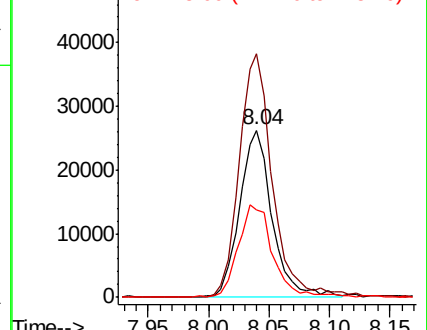


Abundance

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: 0.021 ng

RT: 5.63 min Scan# 433

Delta R.T. -0.01 min

Lab File: BG043276.D

Acq: 18 Oct 2019 00:08

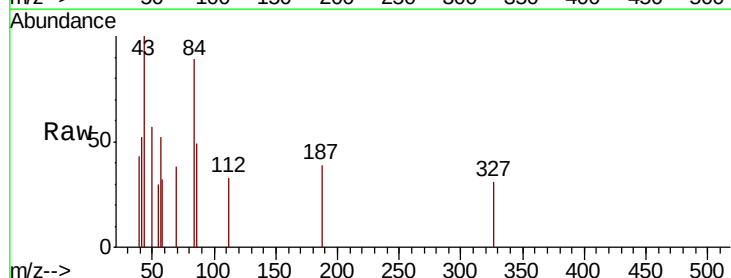
Tgt Ion:112 Resp: 59

Ion Ratio Lower Upper

112 100

64 0.0 56.6 84.8#

63 0.0 35.1 52.7#

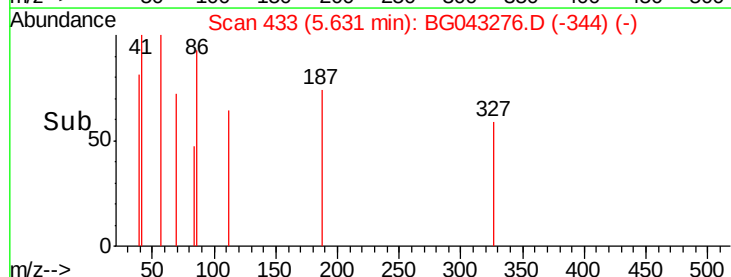
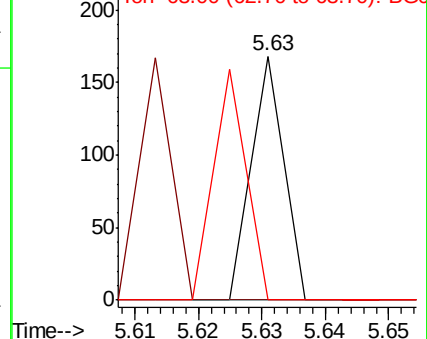


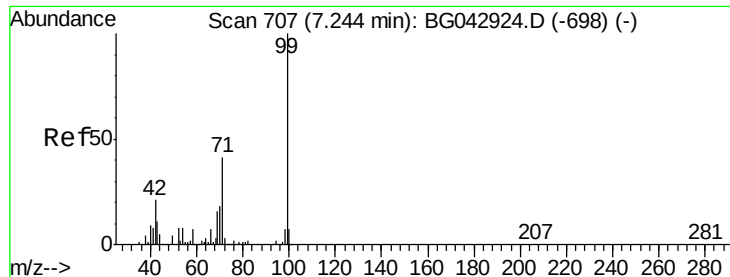
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 0.855 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG043276.D

Acq: 18 Oct 2019 00:08

Instrument :

BNA_G

ClientSampleId :

20190897-AMENDED-COMP-KM-CA

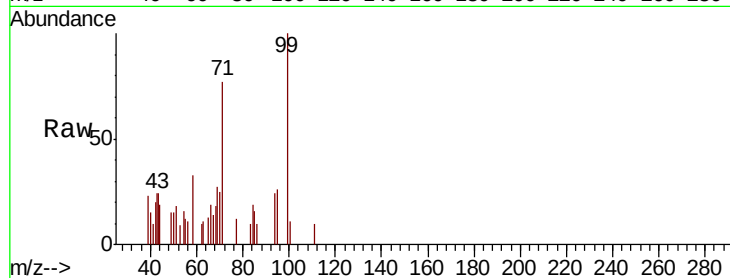
Tot Ion: 99 Resp: 3390

Ion Ratio Lower Upper

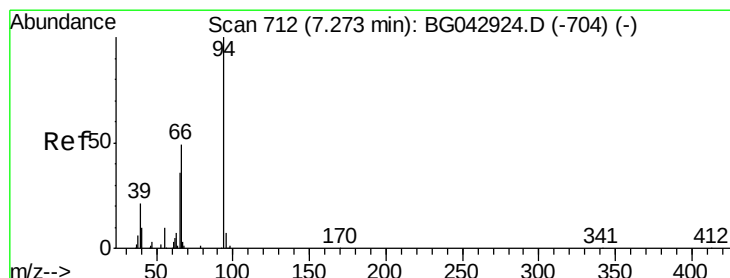
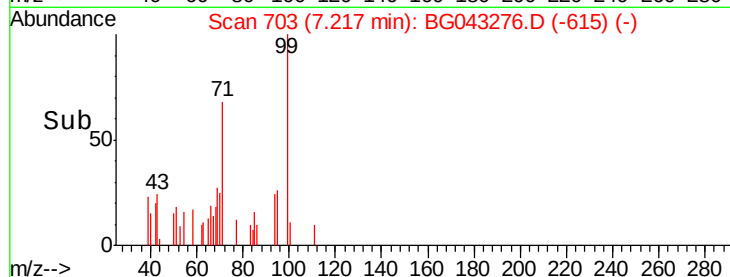
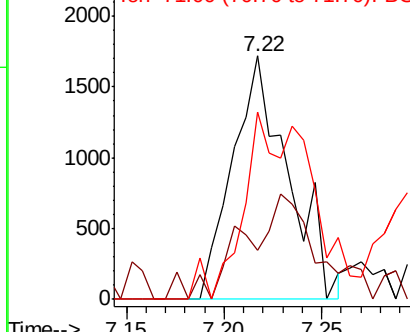
99 100

42 19.9 17.2 25.8

71 77.0 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: 3.598 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG043276.D

Acq: 18 Oct 2019 00:08

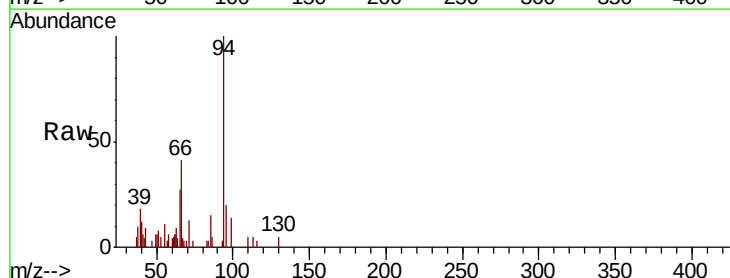
Tgt Ion: 94 Resp: 13094

Ion Ratio Lower Upper

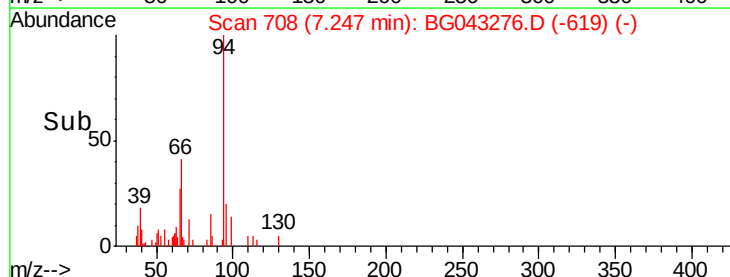
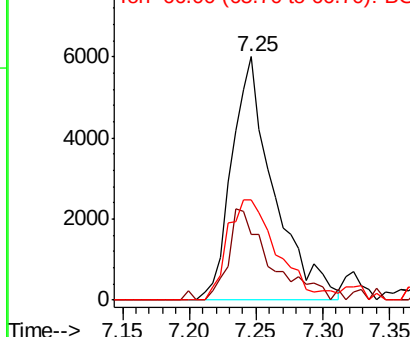
94 100

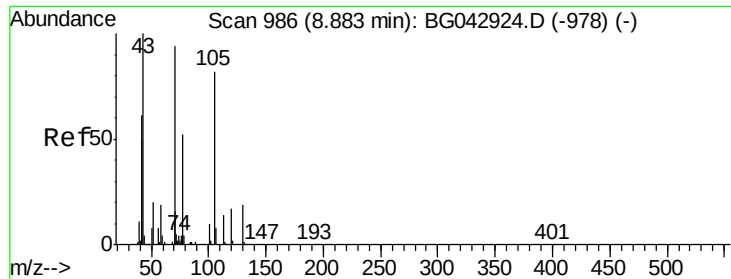
65 27.2 16.6 56.6

66 40.9 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

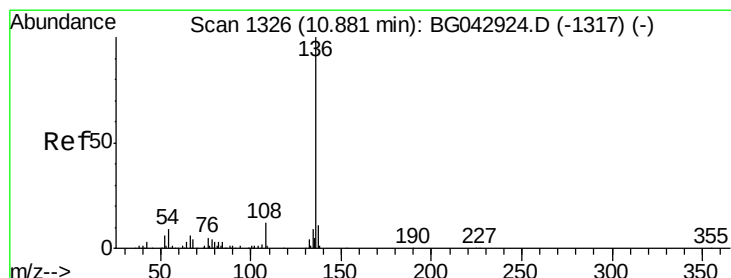
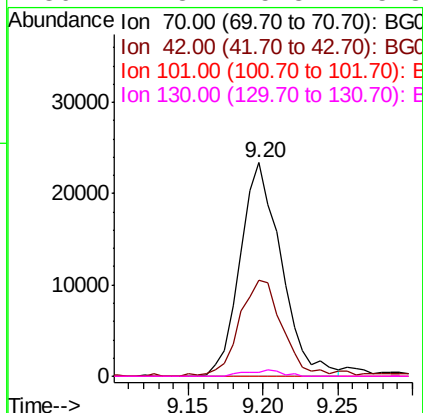
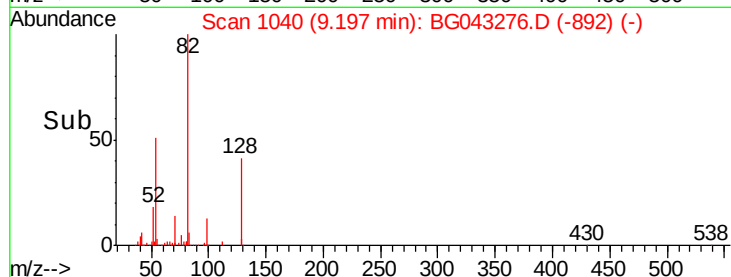
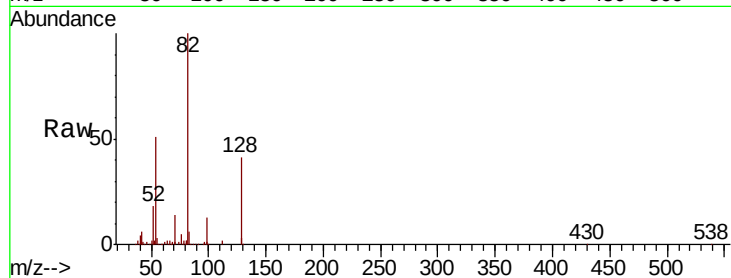




#19
n-Nitroso-di-n-propylamine
Concen: 17.124 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.34 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

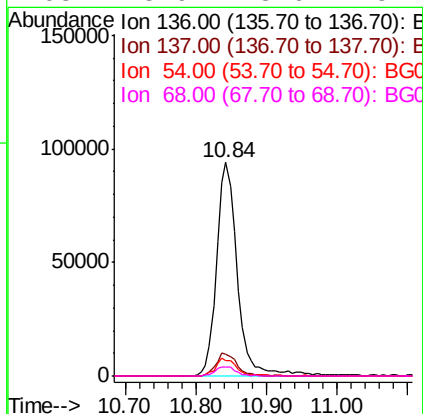
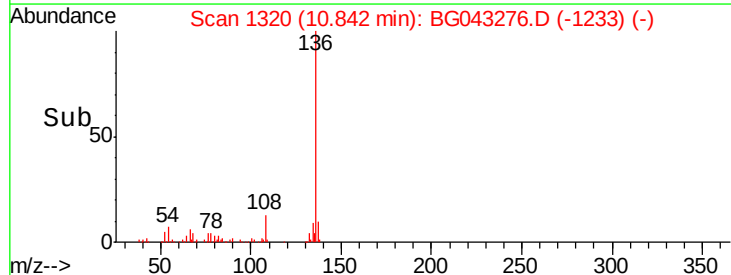
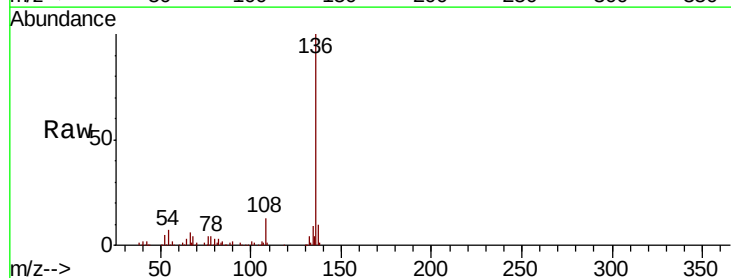
Instrument :
BNA_G
ClientSampleId :
20190897-AMENDED-COMP-KM-CA

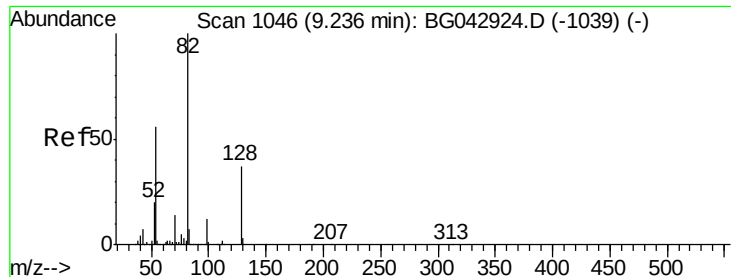
Tot Ion: 70 Resp: 44599
Ion Ratio Lower Upper
70 100
42 44.7 52.6 79.0#
101 0.0 8.7 13.1#
130 1.8 15.8 23.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Tgt Ion:136 Resp: 192783
Ion Ratio Lower Upper
136 100
137 10.1 8.5 12.7
54 7.3 7.4 11.2#
68 3.9 3.6 5.4

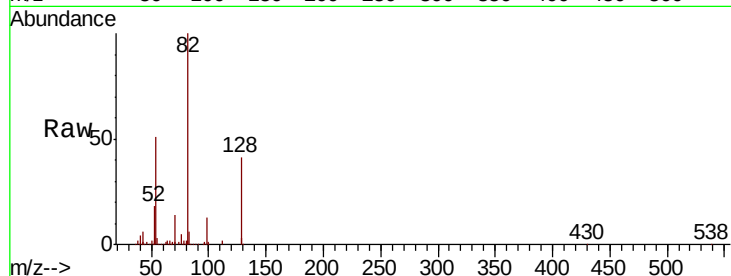




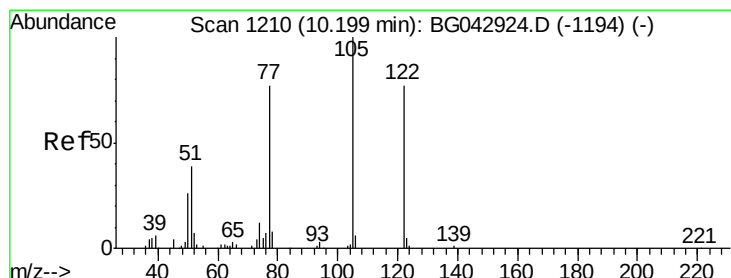
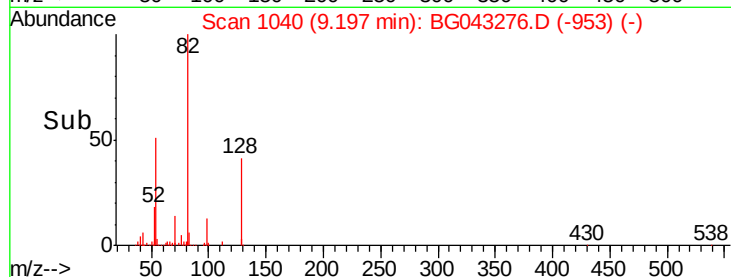
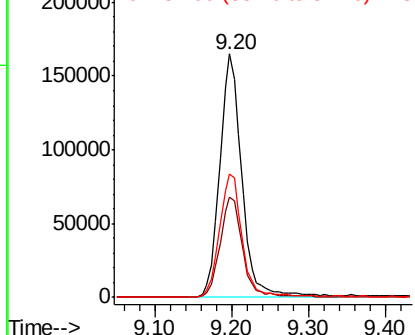
#23
Nitrobenzene-d5
Concen: 82.808 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Instrument :
BNA_G
ClientSampleId :
20190897-AMENDED-COMP-KM-CA

Tot Ion	82	Resp	328443
Ion Ratio	Lower	Upper	
82	100		
128	41.4	29.5	44.3
54	50.7	44.6	67.0

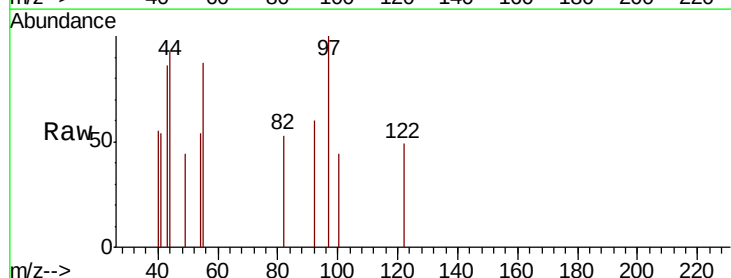


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

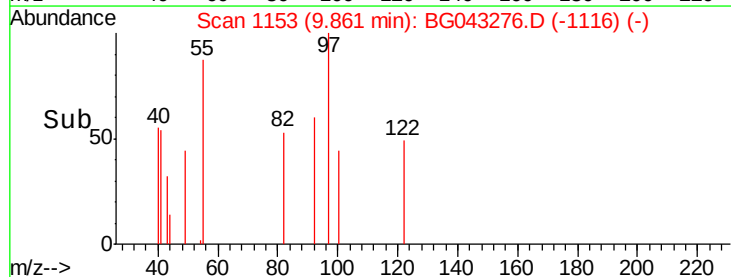
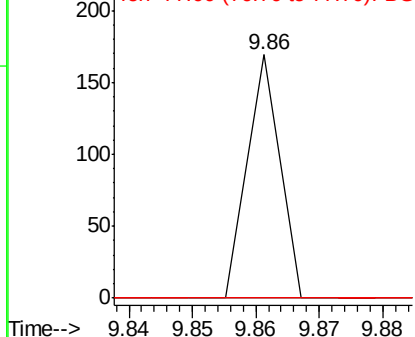


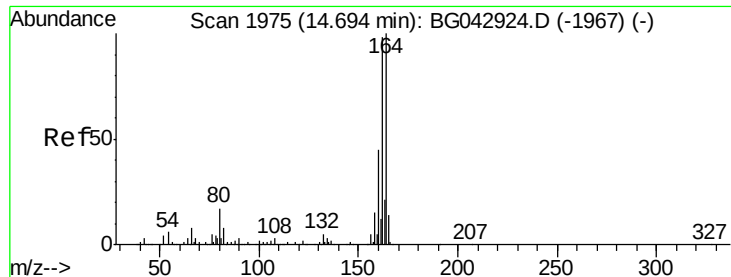
#32
Benzoic acid
Concen: 2.832 ng
RT: 9.86 min Scan# 1153
Delta R.T. -0.31 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Tgt Ion	122	Resp	60
Ion Ratio	Lower	Upper	
122	100		
105	0.0	107.5	147.5#
77	0.0	79.8	119.8#



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: 14.66 min Scan# 1970

Delta R.T. -0.02 min

Lab File: BG043276.D

Acq: 18 Oct 2019 00:08

Instrument :

BNA_G

ClientSampleId :

20190897-AMENDED-COMP-KM-CA

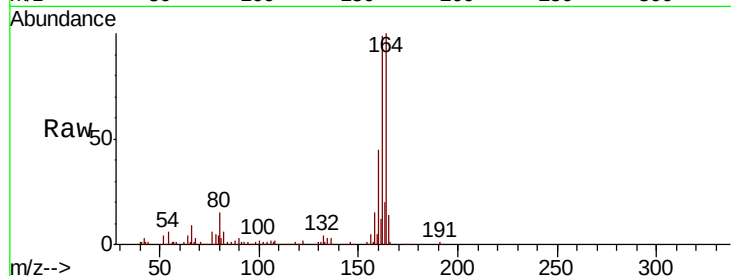
Tot Ion:164 Resp: 136937

Ion Ratio Lower Upper

164 100

162 98.7 78.5 117.7

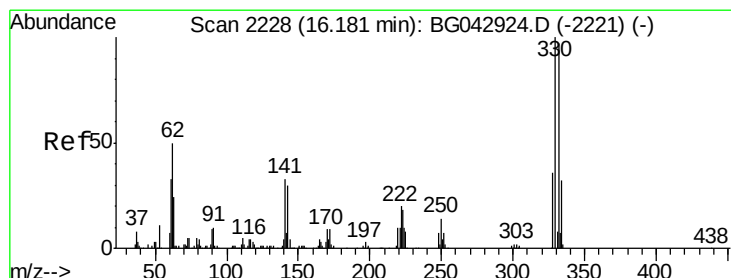
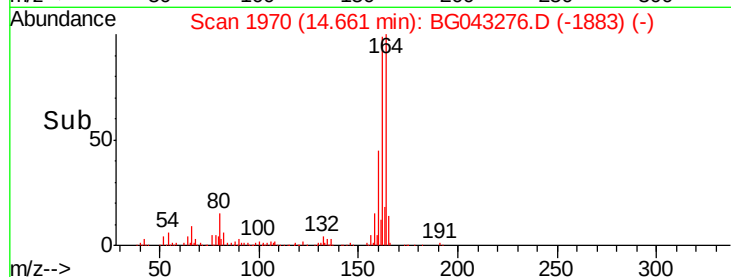
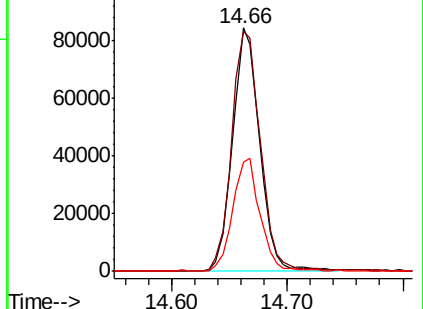
160 45.0 35.9 53.9



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: 0.053 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG043276.D

Acq: 18 Oct 2019 00:08

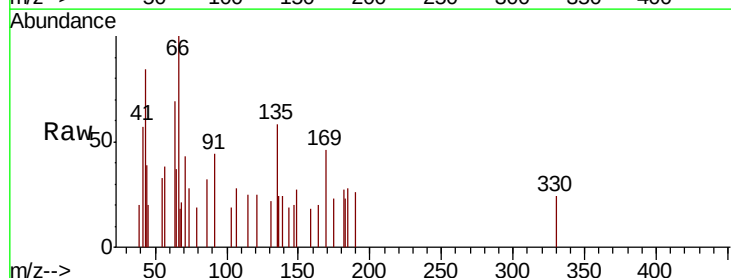
Tgt Ion:330 Resp: 124

Ion Ratio Lower Upper

330 100

332 0.0 78.2 117.2#

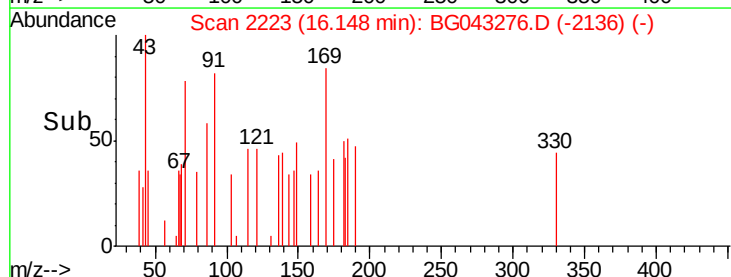
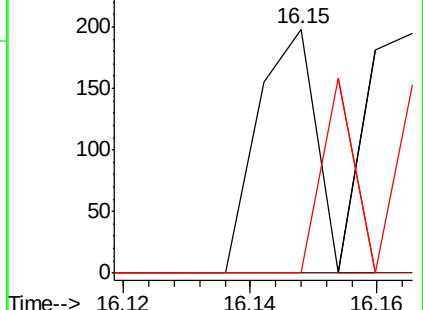
141 45.2 26.0 39.0#

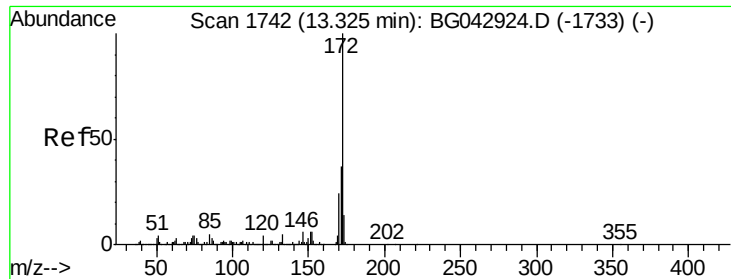


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

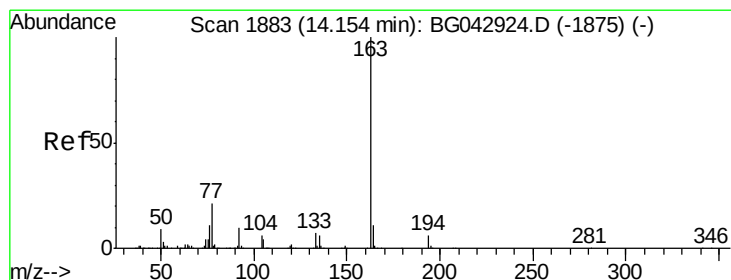
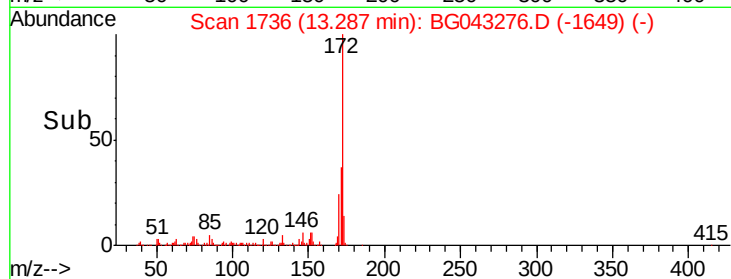
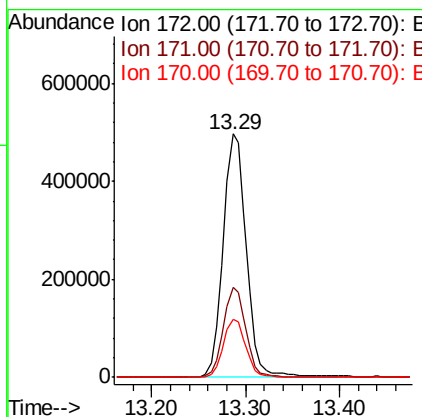
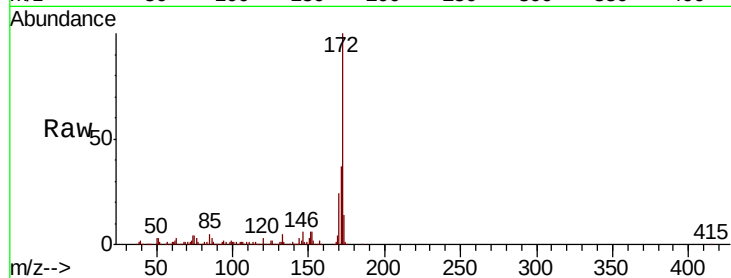




#45
2-Fluorobiphenyl
Concen: 90.465 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

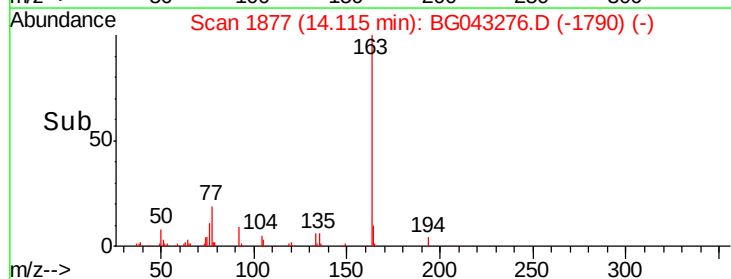
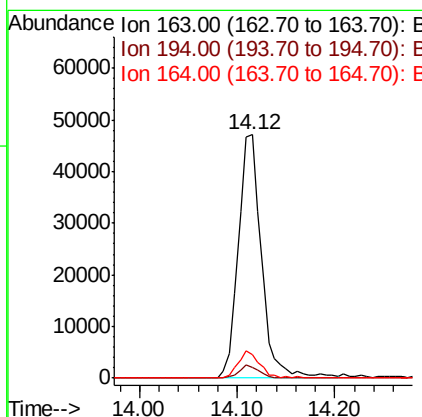
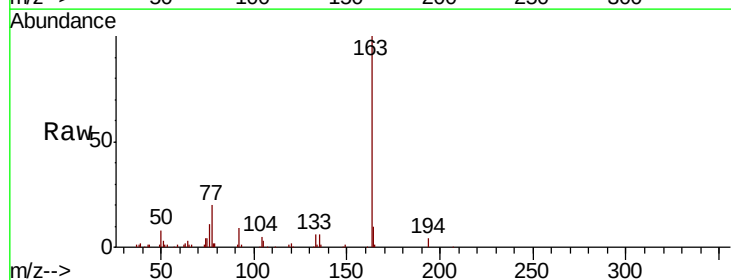
Instrument :
BNA_G
ClientSampleId :
20190897-AMENDED-COMP-KM-CA

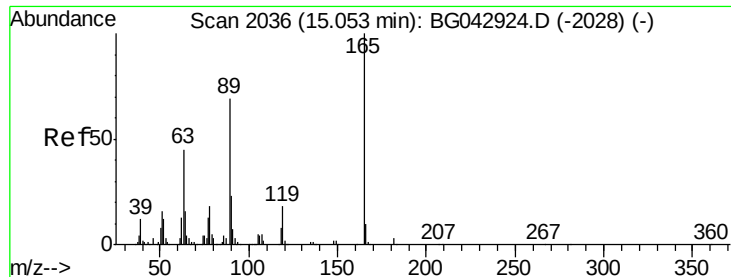
Tot Ion:172 Resp: 854524
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 23.7 19.6 29.4



#50
Dimethylphthalate
Concen: 7.618 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.02 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Tgt Ion:163 Resp: 78160
Ion Ratio Lower Upper
163 100
194 4.5 4.4 6.6
164 9.7 8.6 12.8

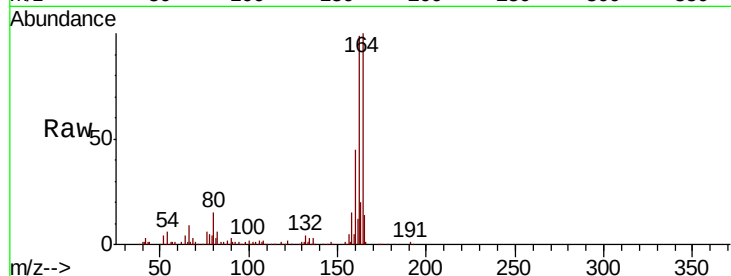




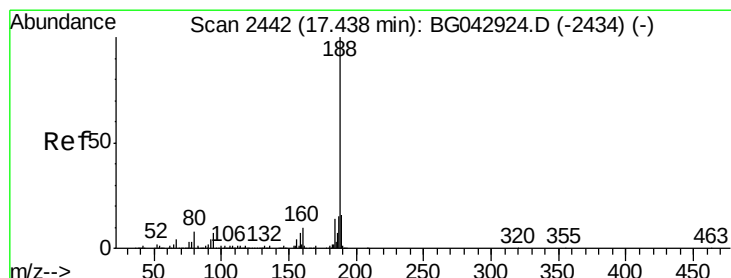
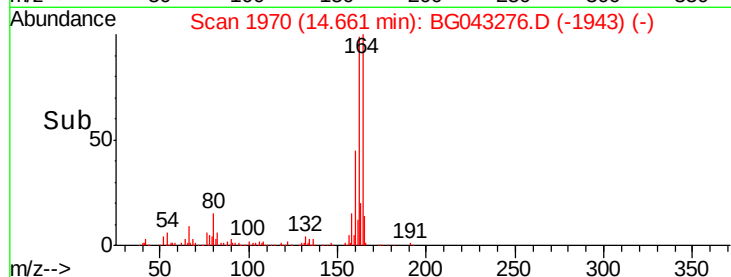
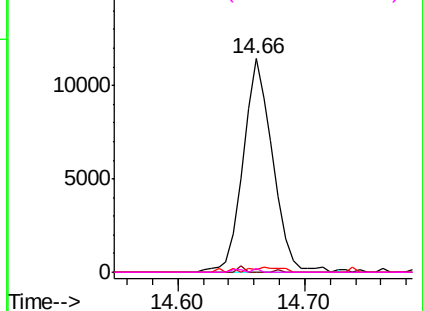
#57
 2,4-Dinitrotoluene
 Concen: 5.762 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.37 min
 Lab File: BG043276.D
 Acq: 18 Oct 2019 00:08

Instrument :
 BNA_G
 ClientSampleId :
 20190897-AMENDED-COMP-KM-CA

Tot Ion:165	Resp:	18438
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.5 54.7#
89	1.3	55.5 83.3#
182	1.7	2.4 3.6#

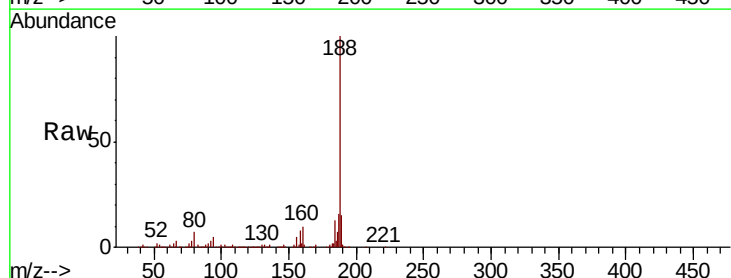


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

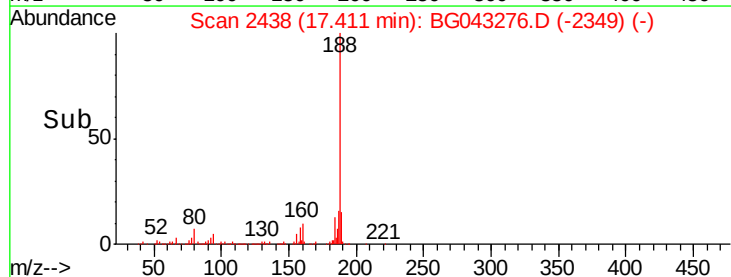
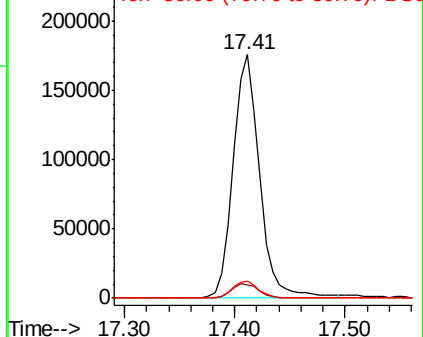


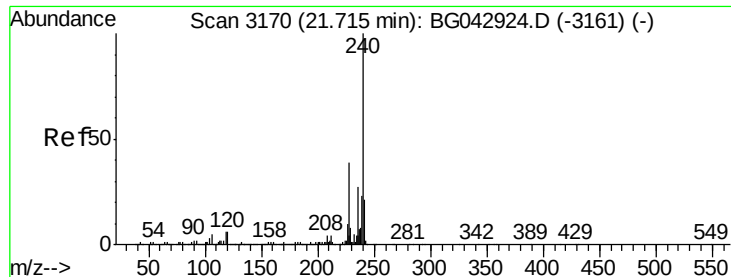
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG043276.D
 Acq: 18 Oct 2019 00:08

Tgt Ion:188	Resp:	296135
Ion Ratio	Lower	Upper
188	100	
94	5.4	5.7 8.5#
80	6.8	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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG043276.D

Acq: 18 Oct 2019 00:08

Instrument :

BNA_G

ClientSampleId :

20190897-AMENDED-COMP-KM-CA

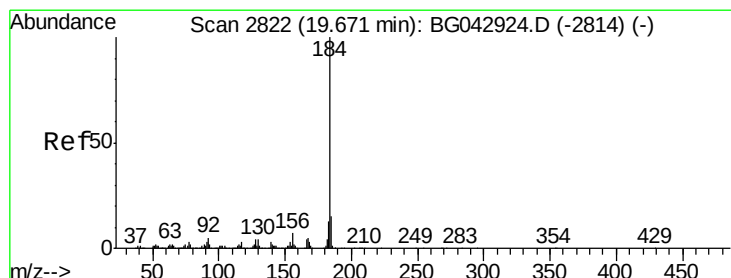
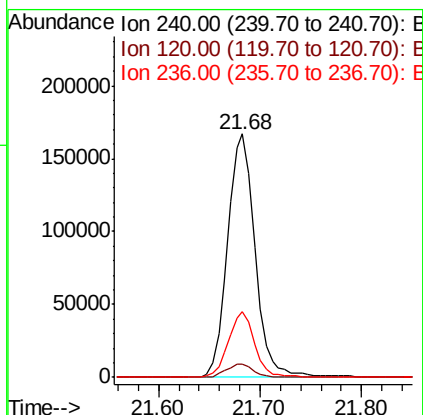
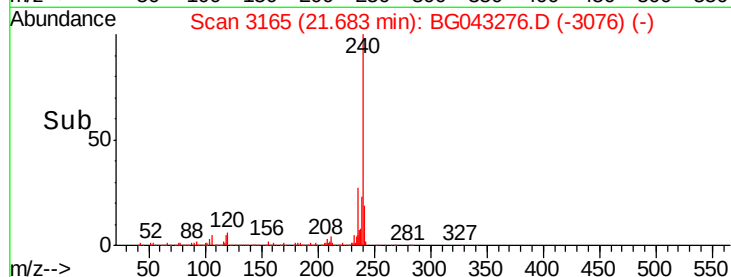
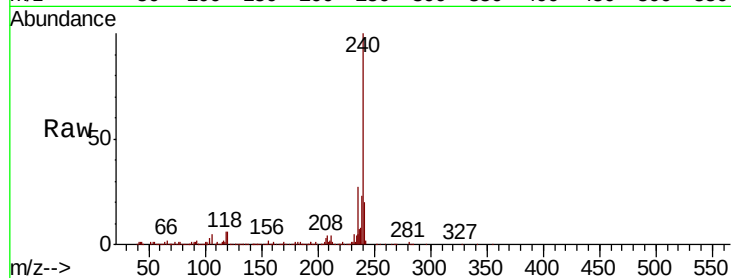
Tot Ion:240 Resp: 313671

Ion Ratio Lower Upper

240 100

120 5.6 4.8 7.2

236 27.1 21.4 32.0



#77

Benzidine

Concen: 2.966 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.36 min

Lab File: BG043276.D

Acq: 18 Oct 2019 00:08

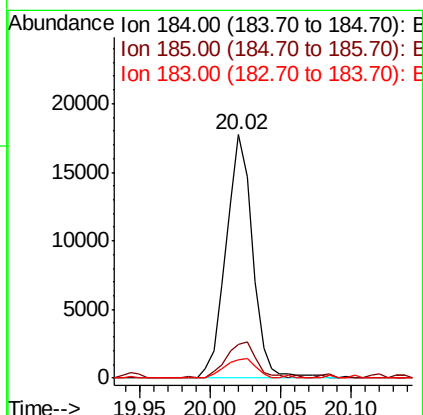
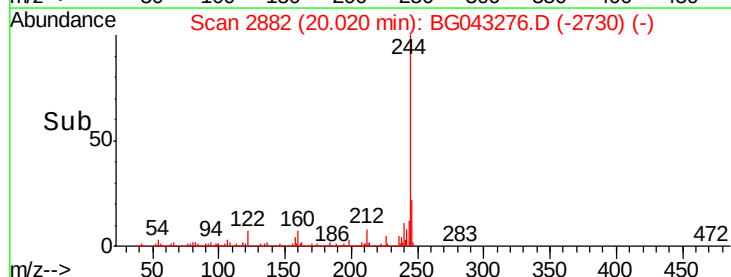
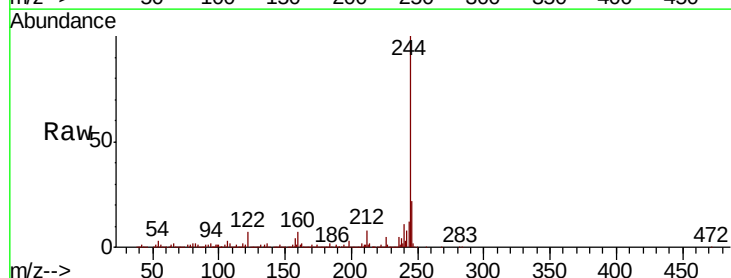
Tgt Ion:184 Resp: 23293

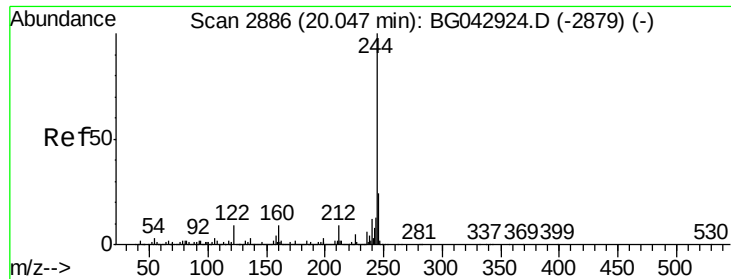
Ion Ratio Lower Upper

184 100

185 13.7 11.8 17.8

183 7.8 10.1 15.1#





#79

Terphenyl-d14

Concen: 105.022 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG043276.D

Acq: 18 Oct 2019 00:08

Instrument :

BNA_G

ClientSampleId :

20190897-AMENDED-COMP-KM-CA

Tot Ion:244 Resp: 1545945

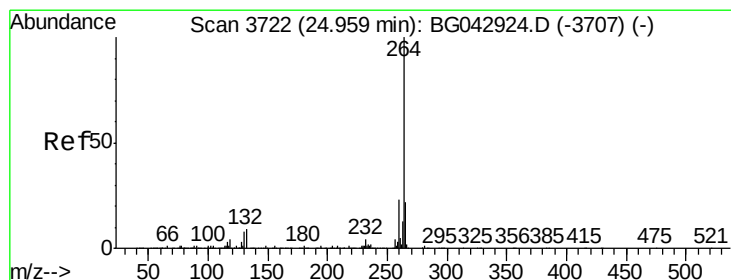
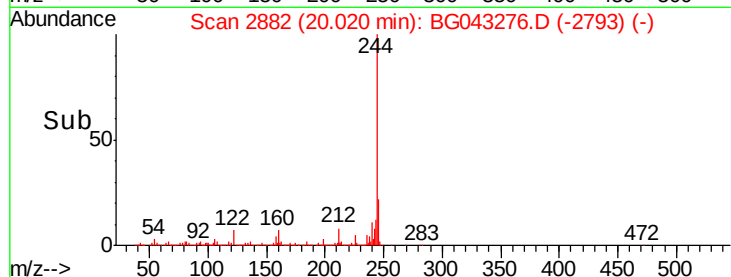
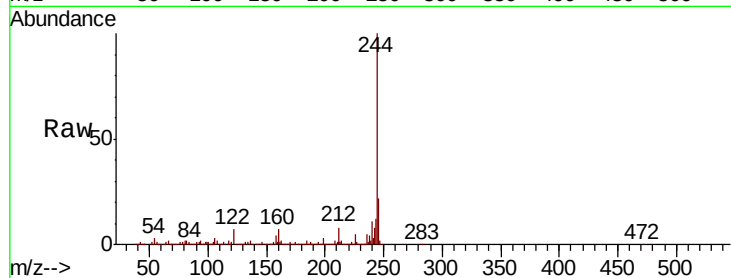
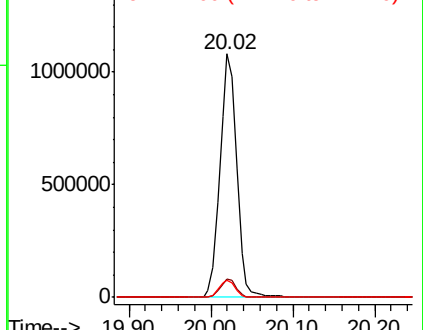
Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.4	11.0
122	7.2	7.0	10.4

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

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG043276.D

Acq: 18 Oct 2019 00:08

Tgt Ion:264 Resp: 373957

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.7	28.1
265	20.3	17.7	26.5

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

