

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043216.D
 Acq On : 15 Oct 2019 13:26
 Operator : JU
 Sample : PB123928BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 15 15:05:26 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

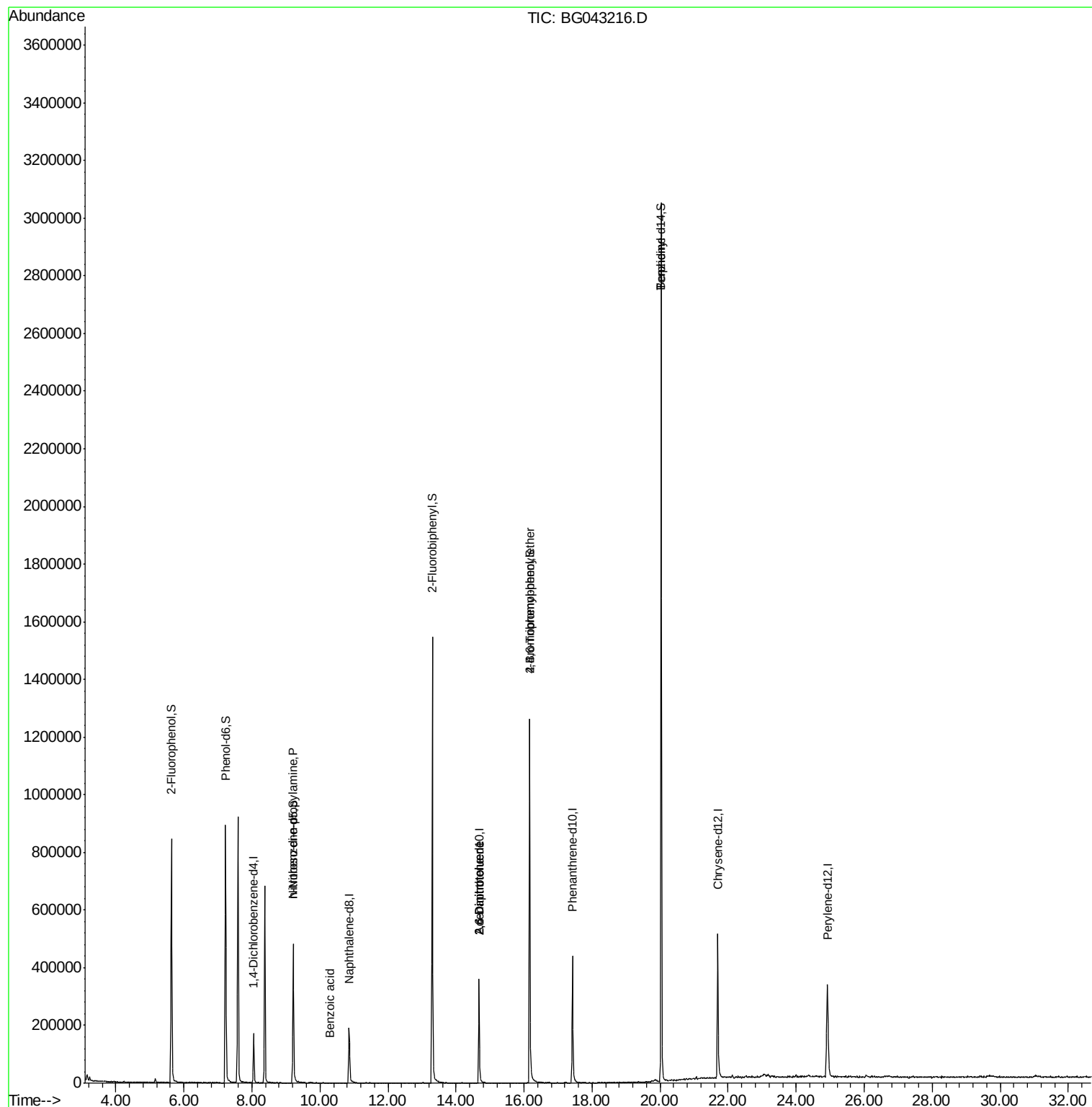
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53771	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	195143	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	147902	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	341838	20.00	ng	0.00
76) Chrysene-d12	21.70	240	358501	20.00	ng	0.00
87) Perylene-d12	24.92	264	414305	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	390137	129.48	ng	0.00
7) Phenol-d6	7.23	99	553392	127.54	ng	0.00
23) Nitrobenzene-d5	9.21	82	334631	83.35	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	323656	127.26	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	922772	90.45	ng	0.00
79) Terphenyl-d14	20.03	244	1611034	95.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	46917	16.468	ng	# 68
32) Benzoic acid	10.29	122	61	2.833	ng	# 1
51) 2,6-Dinitrotoluene	14.68	165	20454	8.667	ng	# 22
57) 2,4-Dinitrotoluene	14.68	165	20589	5.958	ng	# 25
67) 4-Bromophenyl-phenylether	16.16	248	20622	4.807	ng	# 1
77) Benzidine	20.03	184	24841	2.767	ng	# 90

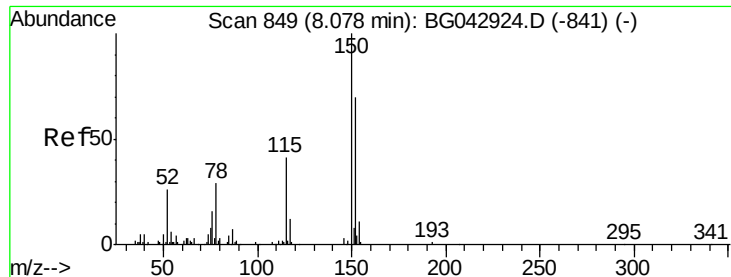
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043216.D
Acq On : 15 Oct 2019 13:26
Operator : JU
Sample : PB123928BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 15 15:05:26 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



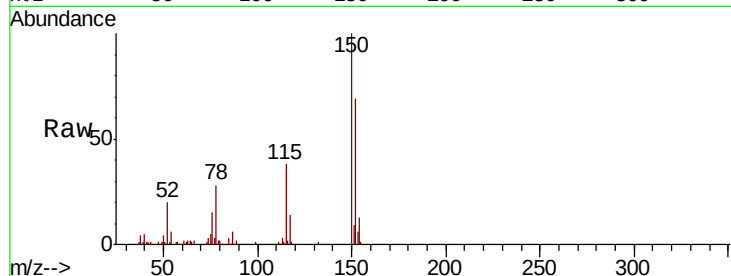


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG043216.D
Acq: 15 Oct 2019 13:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.6	115.0	172.4
115	54.7	47.0	70.6

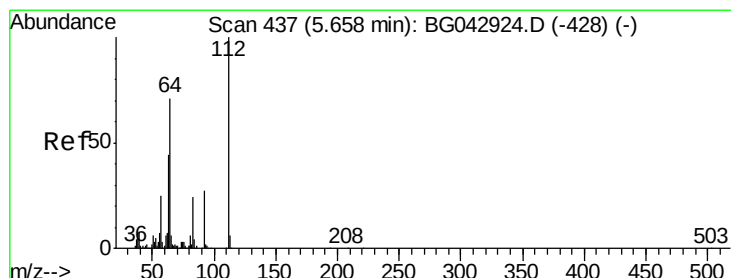
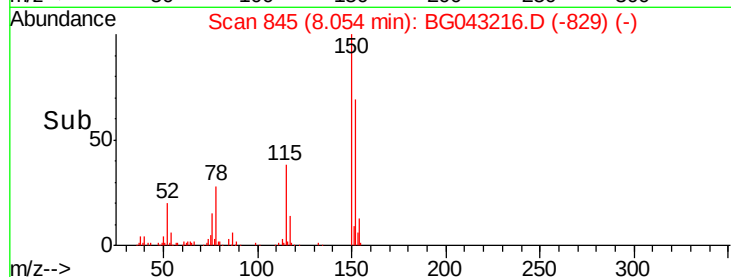
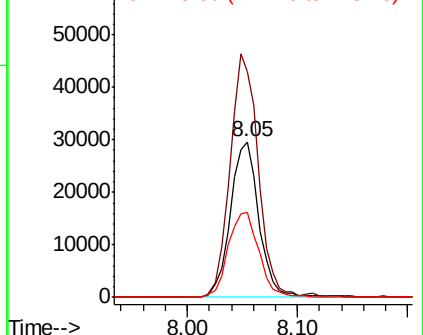


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

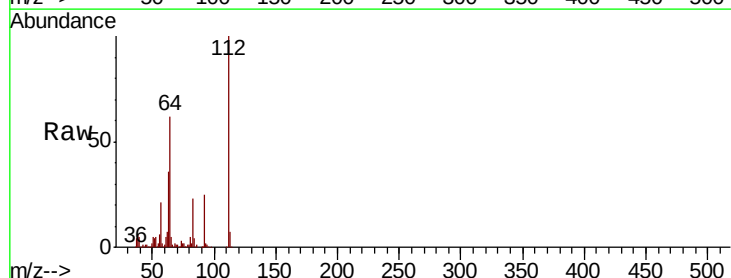
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.484 ng
RT: 5.63 min Scan# 433
Delta R.T. -0.00 min
Lab File: BG043216.D
Acq: 15 Oct 2019 13:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	56.6	84.8
63	35.6	35.1	52.7

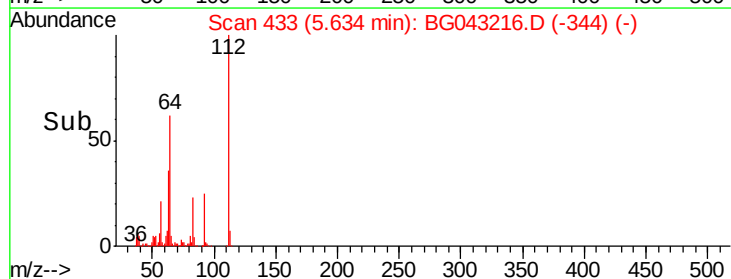
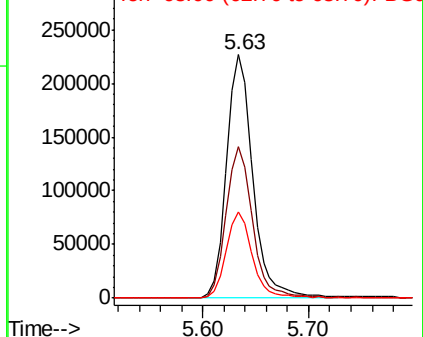


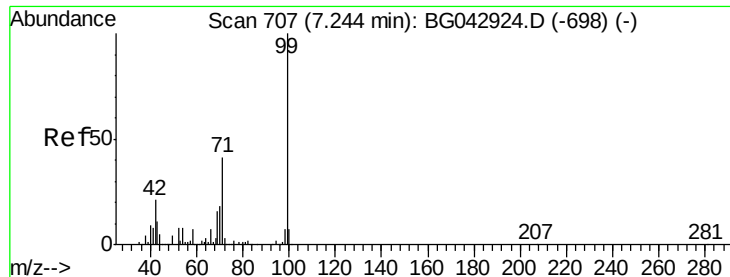
Abundance

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: 127.541 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG043216.D

Acq: 15 Oct 2019 13:26

Instrument :

BNA_G

ClientSampleId :

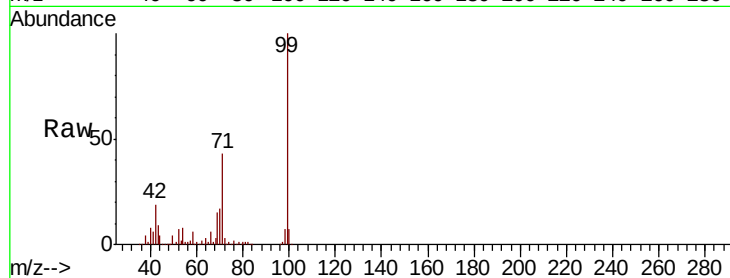
Tot Ion: 99 Resp: 553392

Ion Ratio Lower Upper

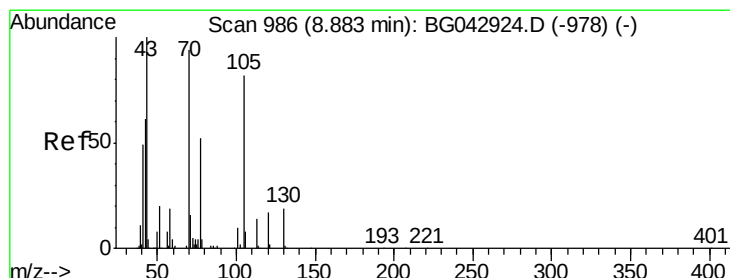
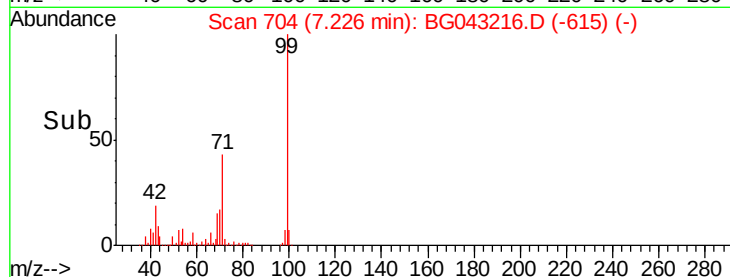
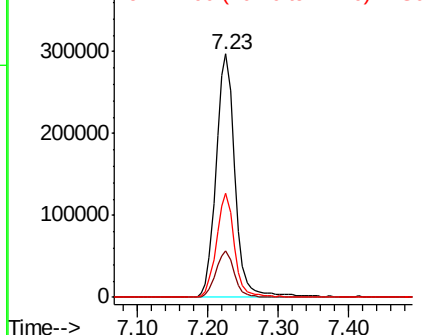
99 100

42 19.1 17.2 25.8

71 42.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.468 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.35 min

Lab File: BG043216.D

Acq: 15 Oct 2019 13:26

Tgt Ion: 70 Resp: 46917

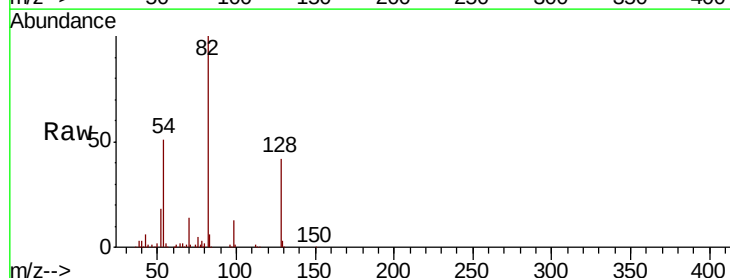
Ion Ratio Lower Upper

70 100

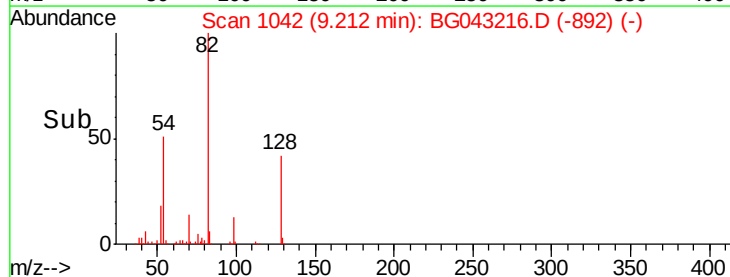
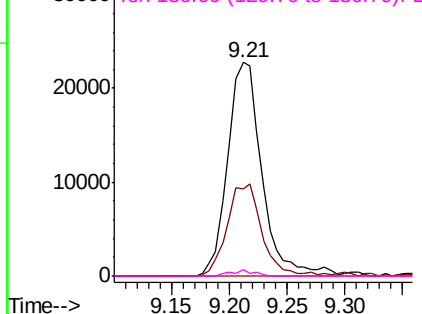
42 40.6 52.6 79.0#

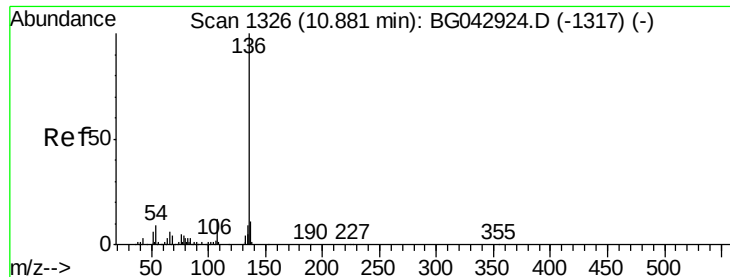
101 0.0 8.7 13.1#

130 2.8 15.8 23.8#



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: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG043216.D

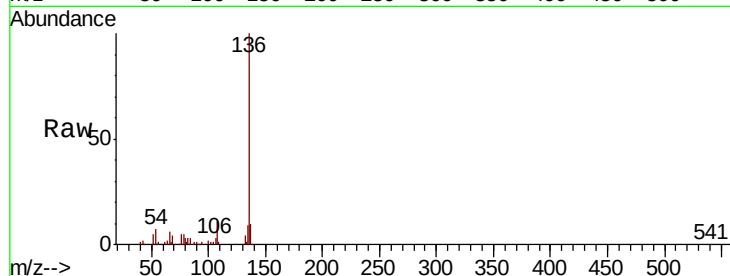
Acq: 15 Oct 2019 13:26

Instrument :

BNA_G

ClientSampled :

Tot Ion:136	Resp:	195143
Ion Ratio	Lower	Upper
136	100	
137	10.1	8.5 12.7
54	6.8	7.4 11.2#
68	3.8	3.6 5.4

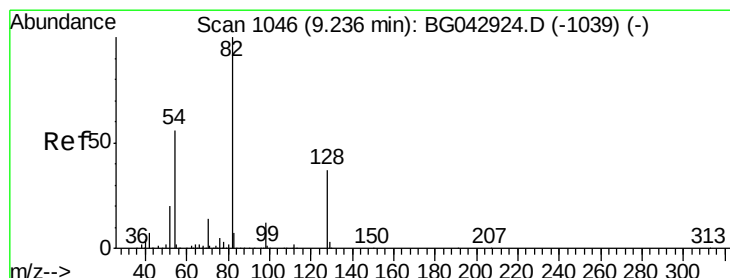
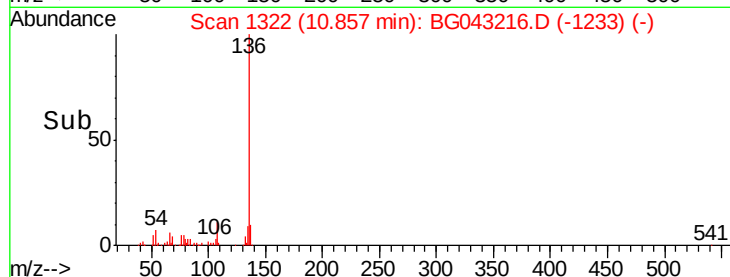
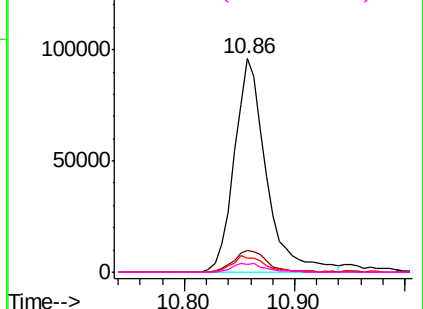


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 83.348 ng

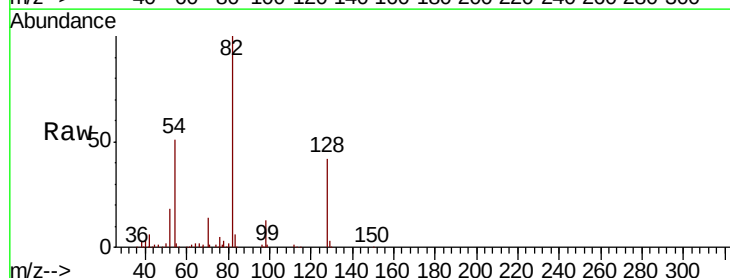
RT: 9.21 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BG043216.D

Acq: 15 Oct 2019 13:26

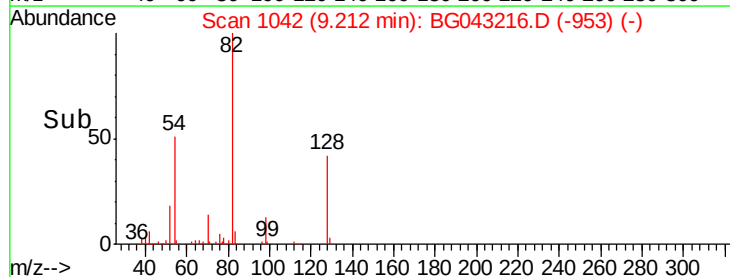
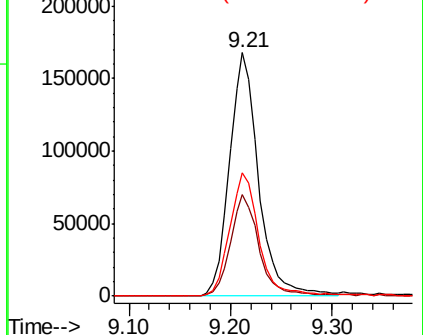
Tgt Ion: 82	Resp:	334631
Ion Ratio	Lower	Upper
82	100	
128	41.7	29.5 44.3
54	50.7	44.6 67.0

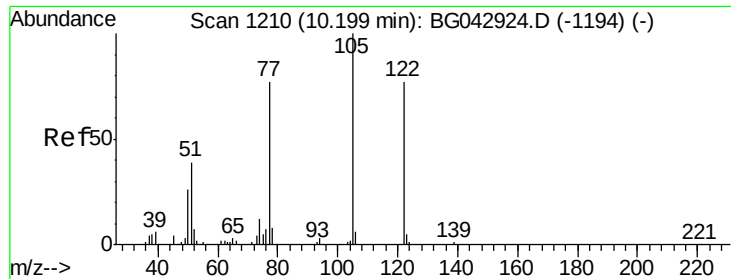


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

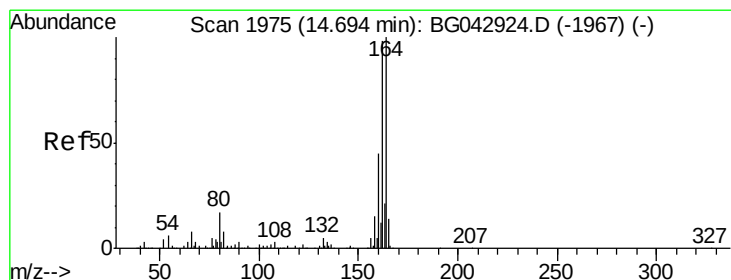
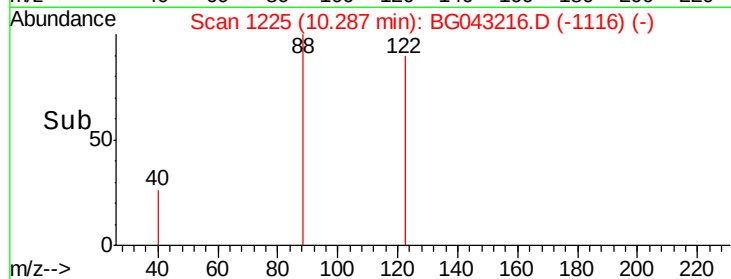
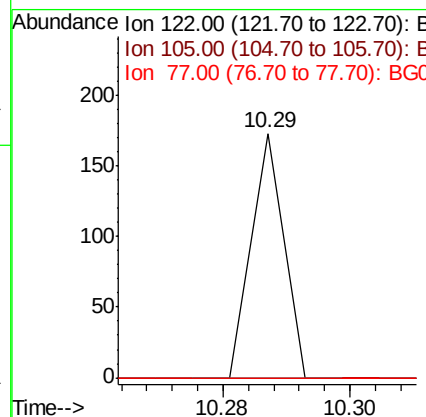
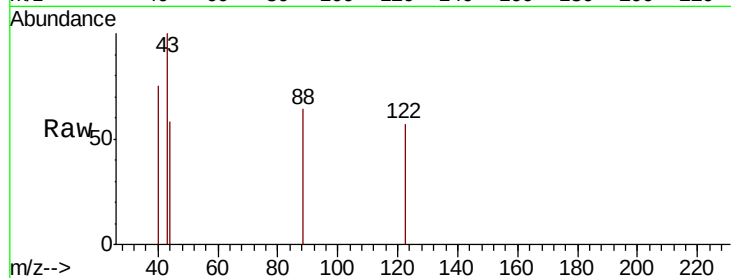




#32
Benzoic acid
Concen: 2.833 ng
RT: 10.29 min Scan# 1225
Delta R.T. 0.11 min
Lab File: BG043216.D
Acq: 15 Oct 2019 13:26

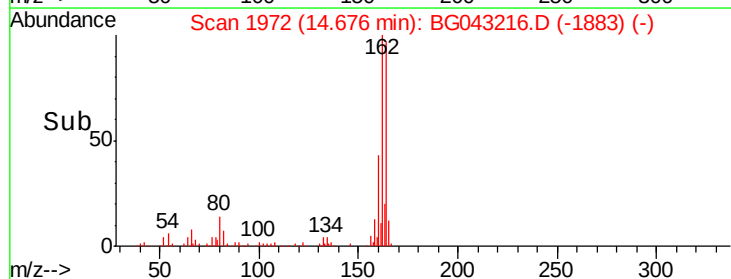
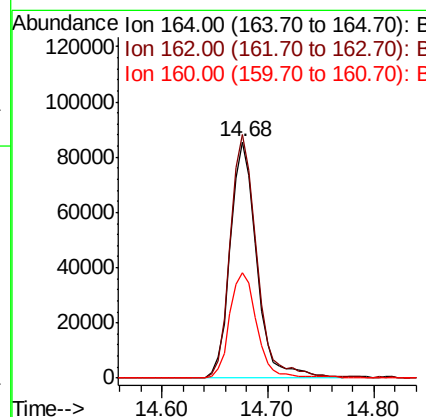
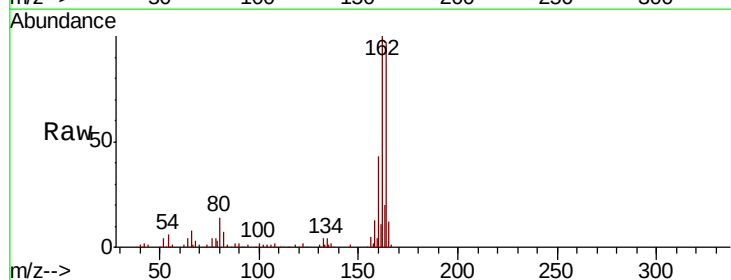
Instrument :
BNA_G
ClientSampleId :

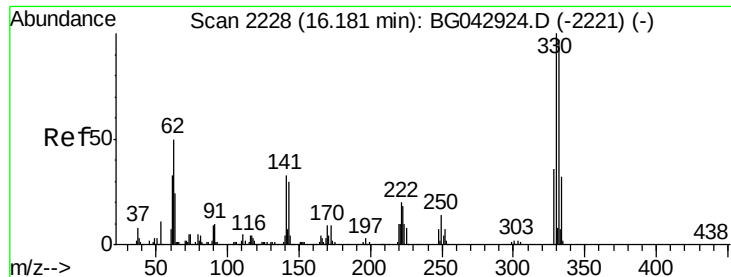
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.5	147.5#
77	0.0	79.8	119.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG043216.D
Acq: 15 Oct 2019 13:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.5	117.7
160	44.4	35.9	53.9

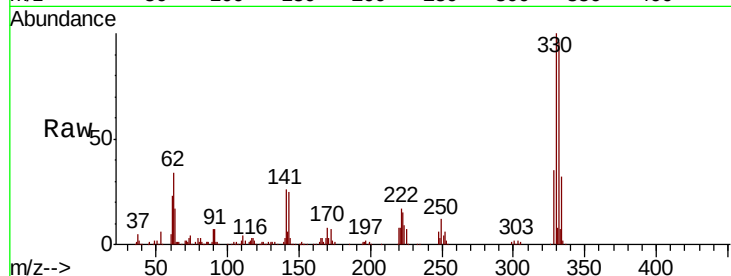




#42
 2,4,6-Tribromophenol
 Concen: 127.260 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BG043216.D
 Acq: 15 Oct 2019 13:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.2	117.2
141	27.6	26.0	39.0

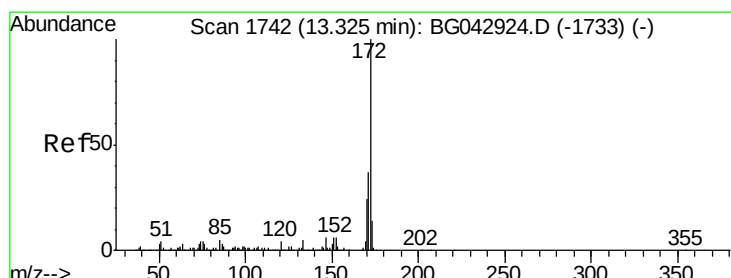
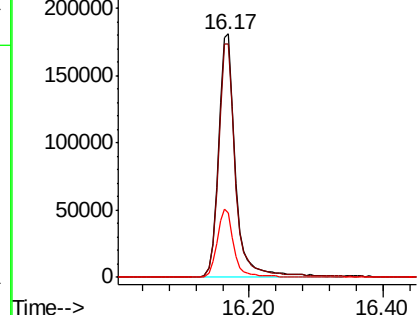
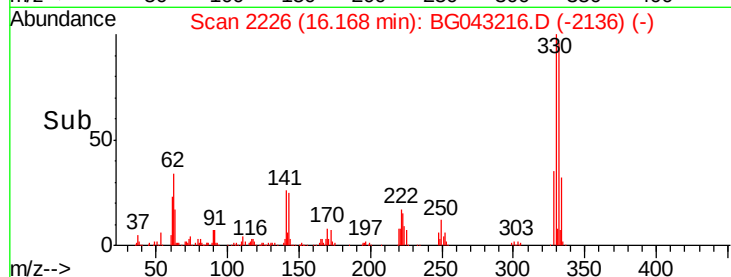


Abundance

Ion 329.80 (329.50 to 330.50): E

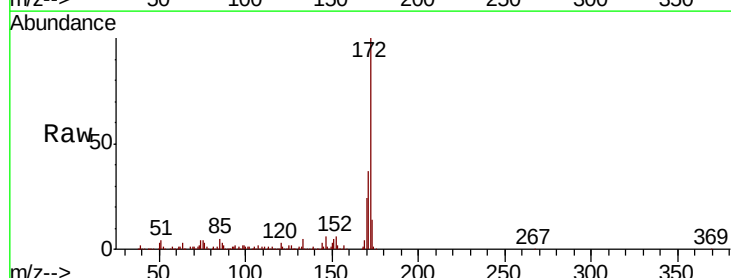
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.448 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG043216.D
 Acq: 15 Oct 2019 13:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.0	19.6	29.4

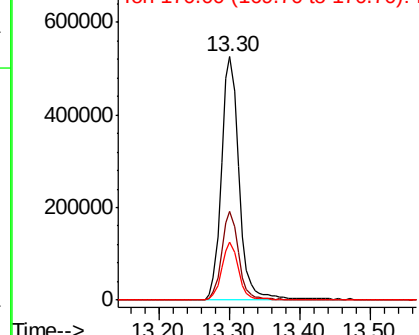
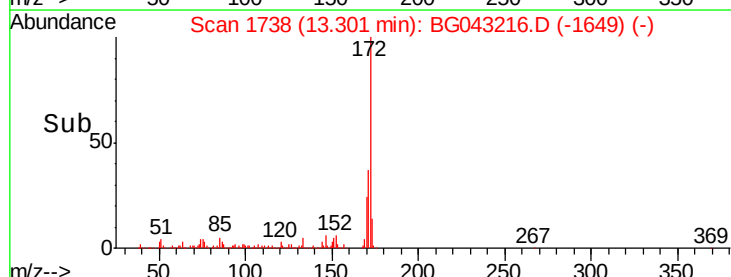


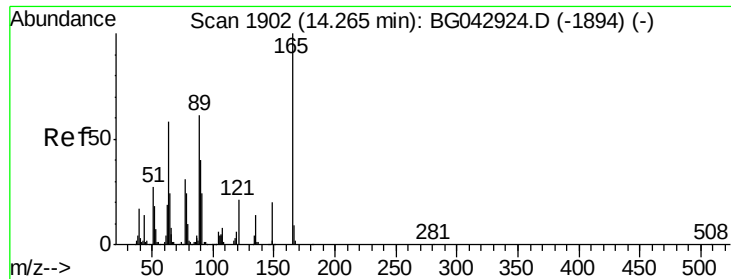
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

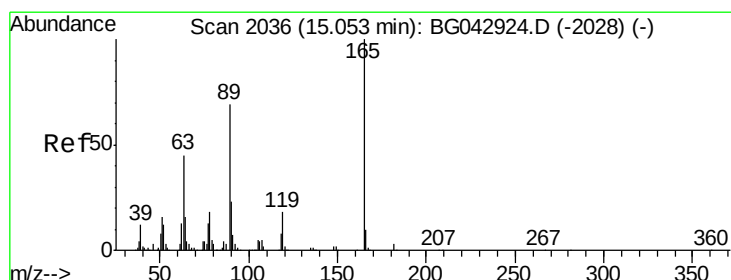
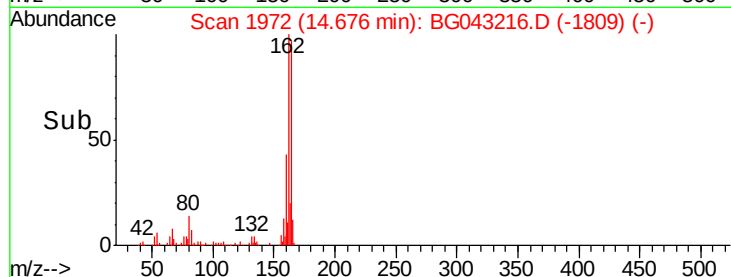
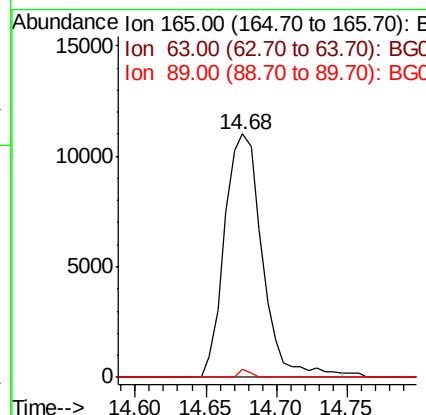
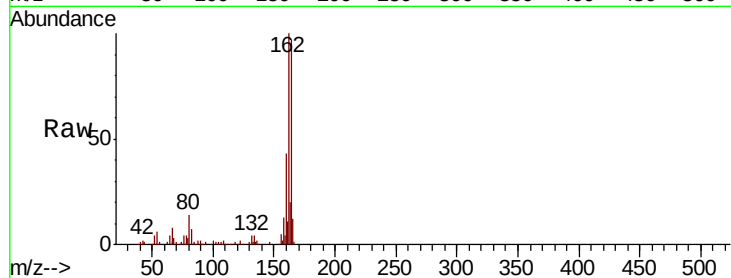




#51
 2,6-Dinitrotoluene
 Concen: 8.667 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. 0.43 min
 Lab File: BG043216.D
 Acq: 15 Oct 2019 13:26

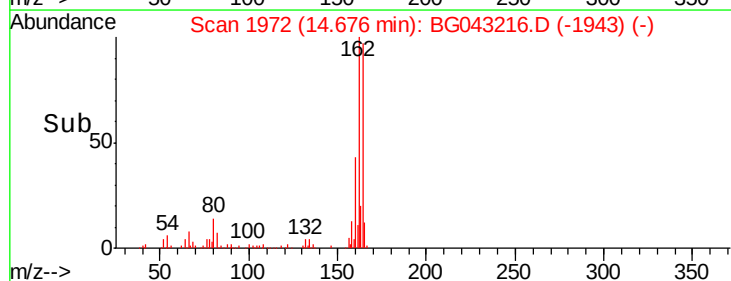
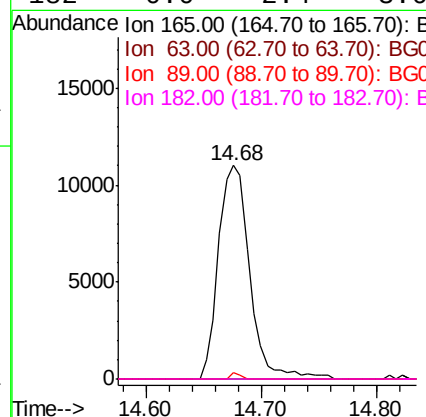
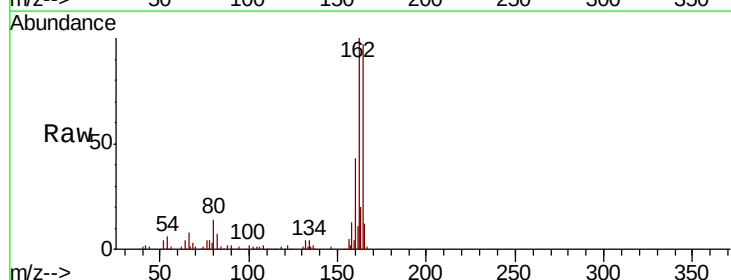
Instrument :
 BNA_G
 ClientSampleId :

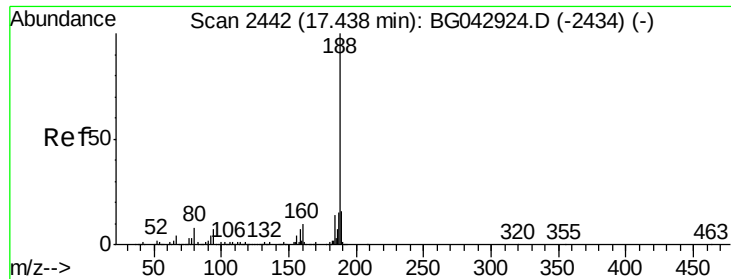
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.3	75.5#
89	3.3	48.9	73.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.958 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.36 min
 Lab File: BG043216.D
 Acq: 15 Oct 2019 13:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.5	54.7#
89	3.3	55.5	83.3#
182	0.0	2.4	3.6#

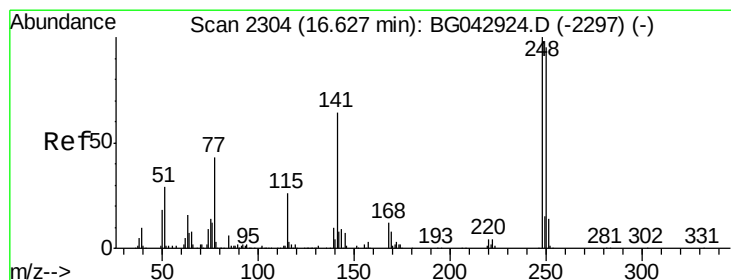
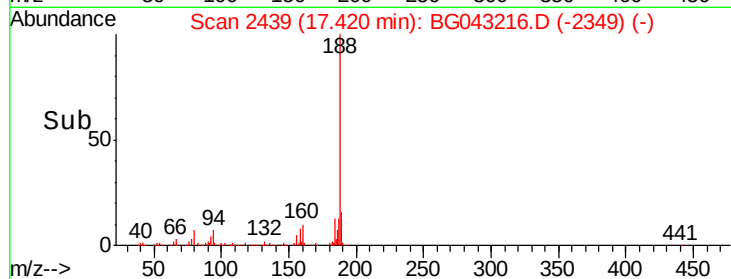
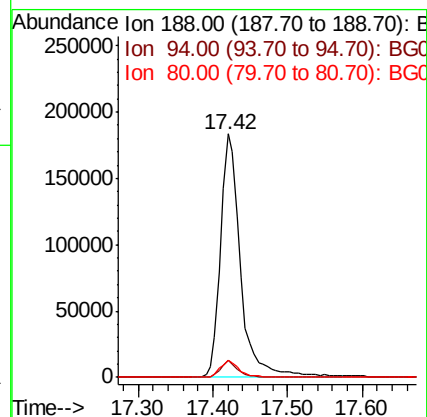
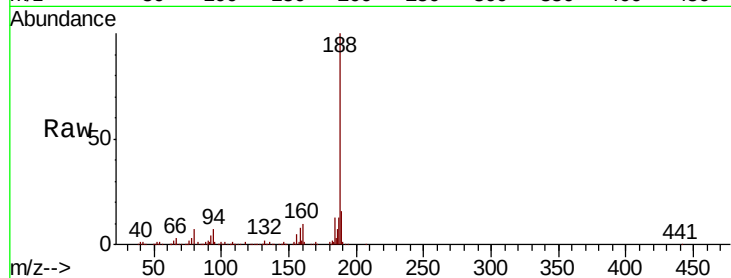




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. 0.00 min
 Lab File: BG043216.D
 Acq: 15 Oct 2019 13:26

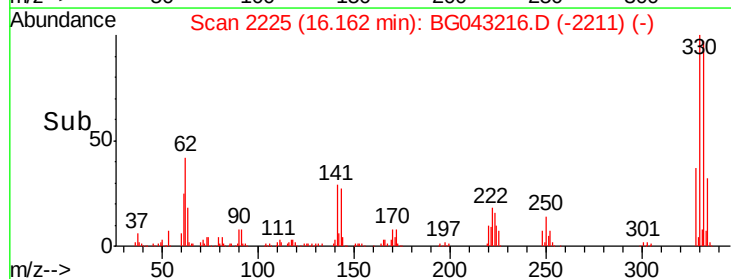
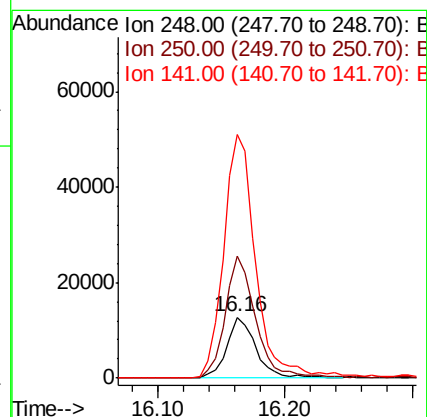
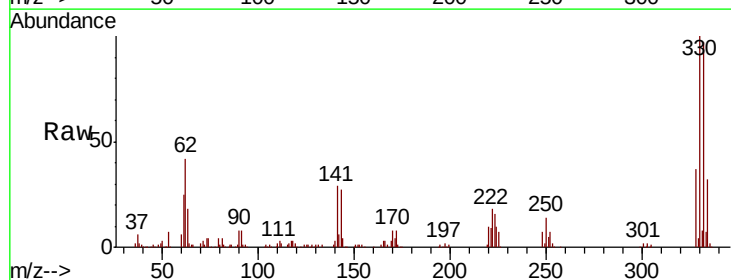
Instrument :
 BNA_G
 ClientSampleId :

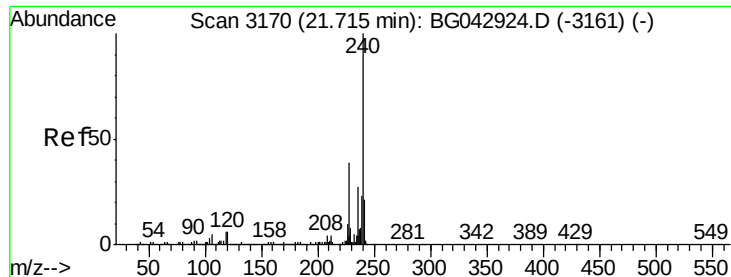
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.7	8.5
80	6.9	6.5	9.7



#67
 4-Bromophenyl-phenylether
 Concen: 4.807 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.45 min
 Lab File: BG043216.D
 Acq: 15 Oct 2019 13:26

Tgt Ion	Ratio	Lower	Upper
248	100		
250	200.1	75.8	113.8#
141	398.9	51.1	76.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.01 min

Lab File: BG043216.D

Acq: 15 Oct 2019 13:26

Instrument :

BNA_G

ClientSampled :

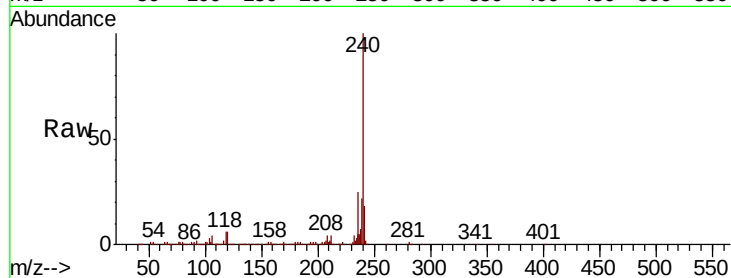
Tot Ion:240 Resp: 358501

Ion Ratio Lower Upper

240 100

120 5.6 4.8 7.2

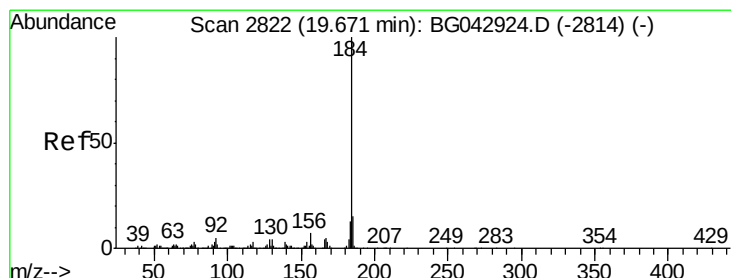
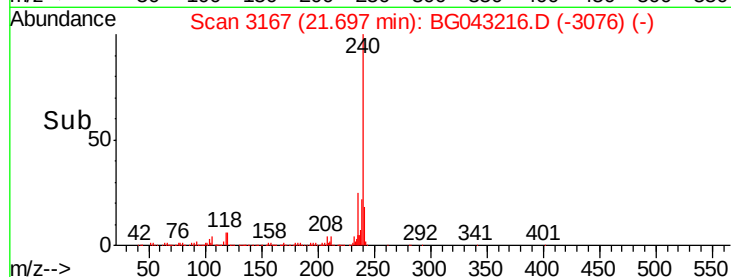
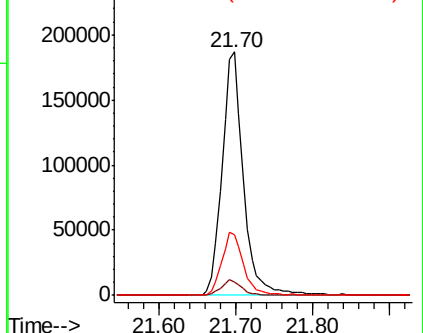
236 24.8 21.4 32.0



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: 2.767 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.37 min

Lab File: BG043216.D

Acq: 15 Oct 2019 13:26

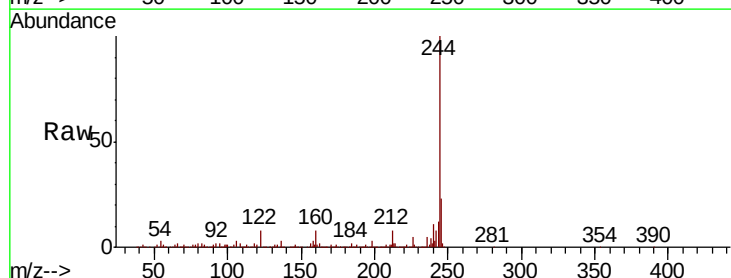
Tgt Ion:184 Resp: 24841

Ion Ratio Lower Upper

184 100

185 18.3 11.8 17.8#

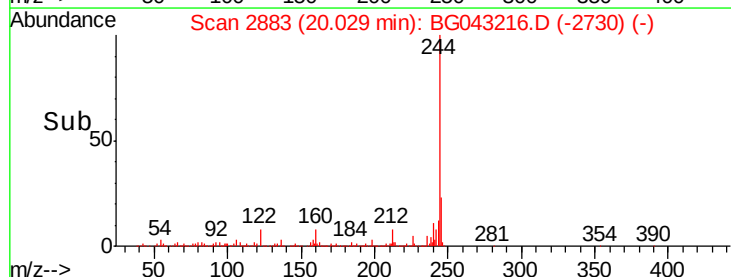
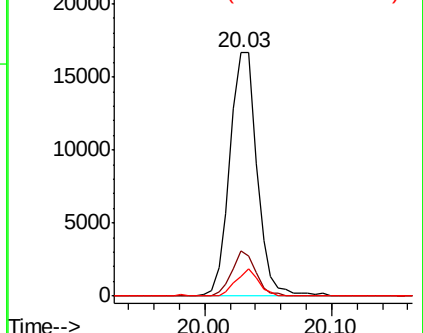
183 8.2 10.1 15.1#

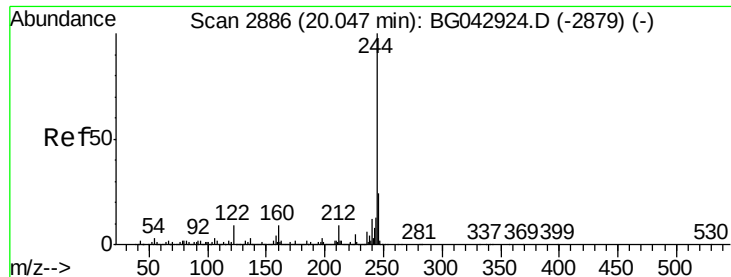


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 95.758 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG043216.D

Acq: 15 Oct 2019 13:26

Instrument :

BNA_G

ClientSampled :

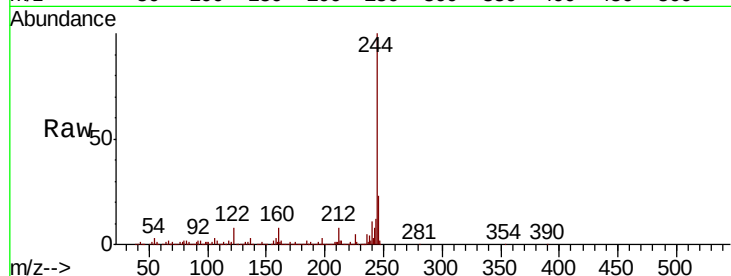
Tot Ion:244 Resp: 1611034

Ion Ratio Lower Upper

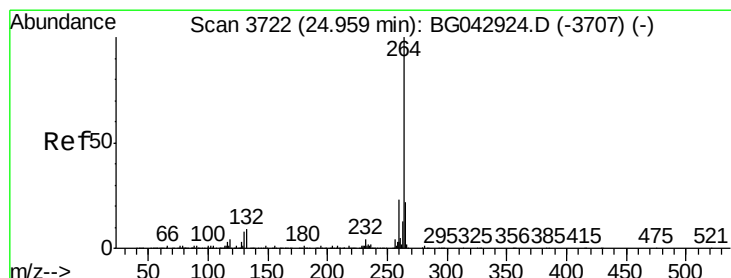
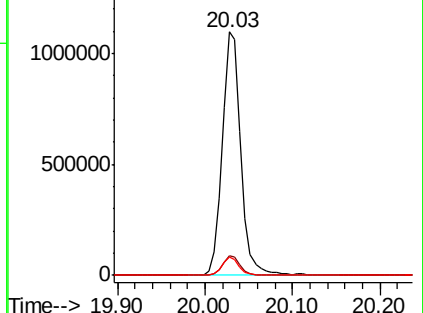
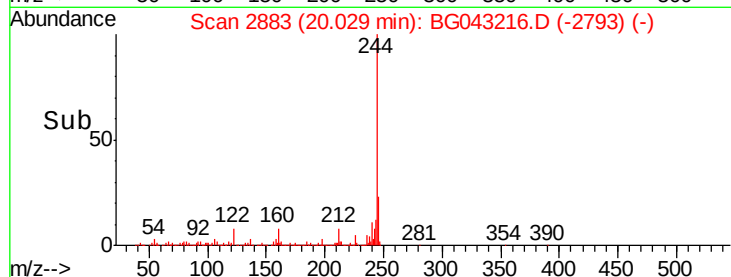
244 100

212 7.8 7.4 11.0

122 7.5 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: 24.92 min Scan# 3715

Delta R.T. 0.01 min

Lab File: BG043216.D

Acq: 15 Oct 2019 13:26

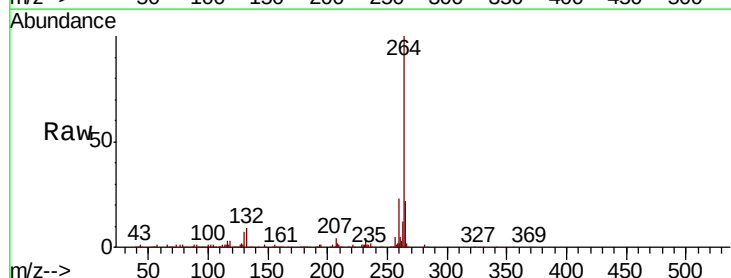
Tgt Ion:264 Resp: 414305

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.6 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

