

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
 Data File : BG043802.D
 Acq On : 11 Dec 2019 19:28
 Operator : JU
 Sample : K6242-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMP

Quant Time: Dec 12 02:20:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

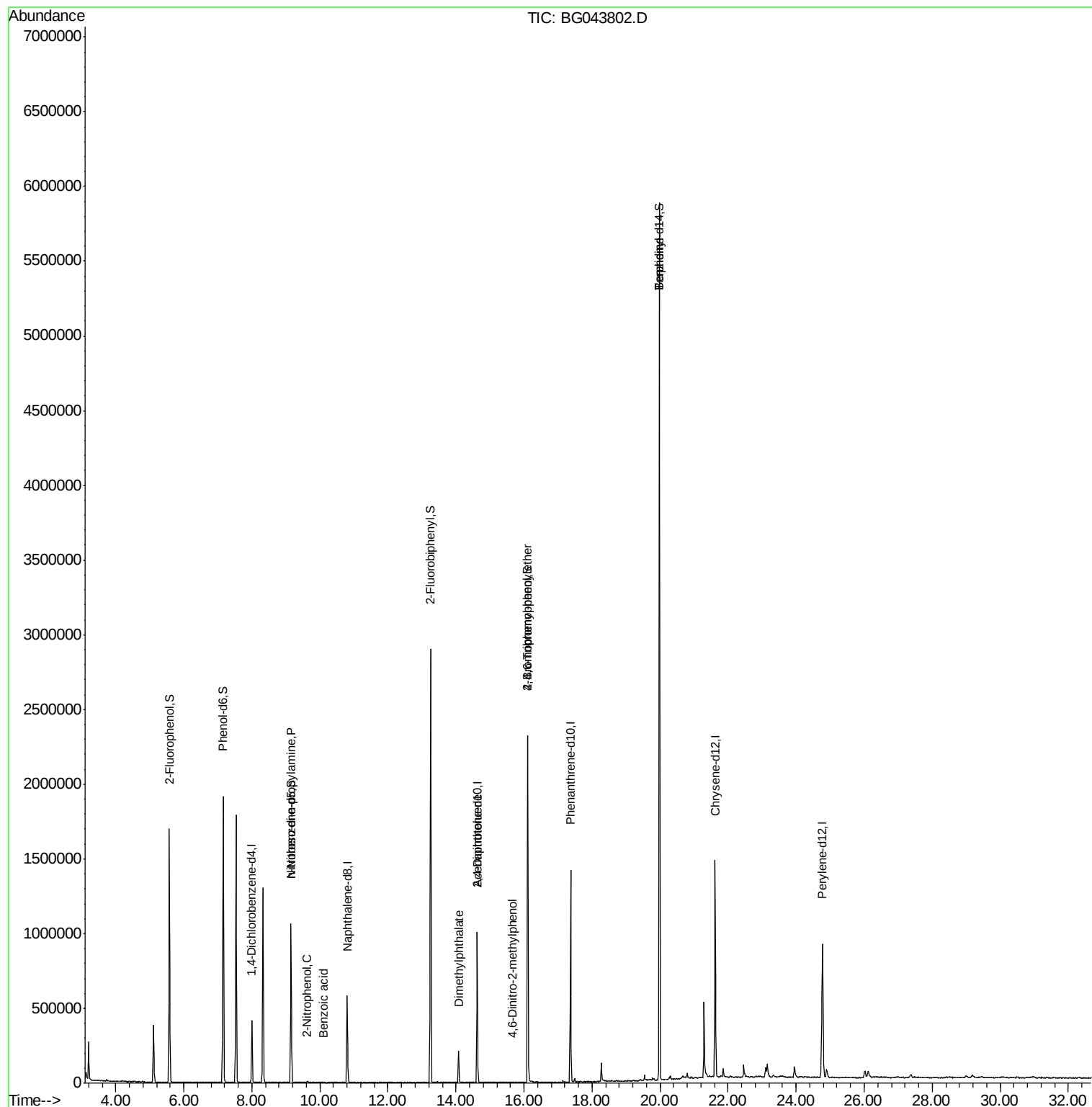
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	122677	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	522787	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	364512	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	885779	20.00	ng	0.00
76) Chrysene-d12	21.62	240	831156	20.00	ng	0.00
87) Perylene-d12	24.78	264	921721	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	764454	118.07	ng	0.00
7) Phenol-d6	7.16	99	1122970	120.26	ng	0.00
23) Nitrobenzene-d5	9.15	82	648408	69.64	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	409243	117.77	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1536220	74.03	ng	0.00
79) Terphenyl-d14	19.98	244	2529611	73.22	ng	0.00
Target Compounds						
9) Benzaldehyde	7.16	77	2177	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	9.15	70	84830	11.883 ng	#	1
26) 2-Nitrophenol	9.62	139	66	8.362 ng	#	75
32) Benzoic acid	10.09	122	58	5.660 ng	#	34
50) Dimethylphthalate	14.08	163	146675	5.638 ng		22
57) 2,4-Dinitrotoluene	14.62	165	48048	6.342 ng	#	96
65) 4,6-Dinitro-2-methylphenol	15.67	198	80	9.519 ng	#	25
67) 4-Bromophenyl-phenylether	16.11	248	32019	3.381 ng	#	37
77) Benzidine	19.98	184	51861	2.860 ng	#	1
						89

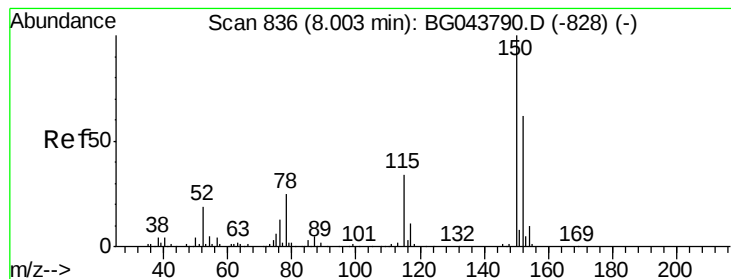
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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Quant Time: Dec 12 02:20:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BG043802.D

Acq: 11 Dec 2019 19:28

Instrument :

BNA_G

ClientSampleId :

SB-02-COMP

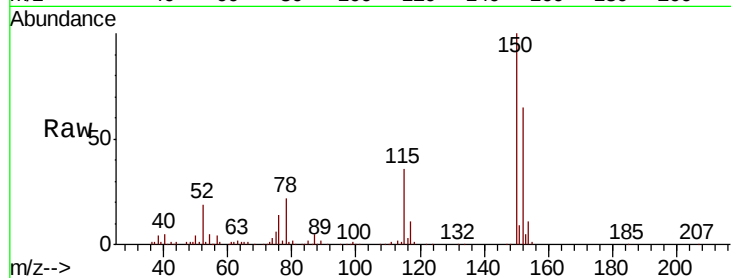
Tot Ion:152 Resp: 122677

Ion Ratio Lower Upper

152 100

150 152.9 128.6 192.8

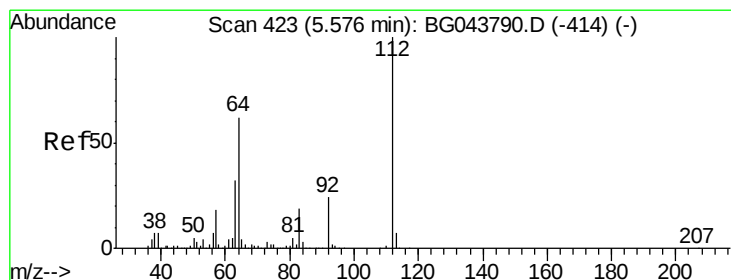
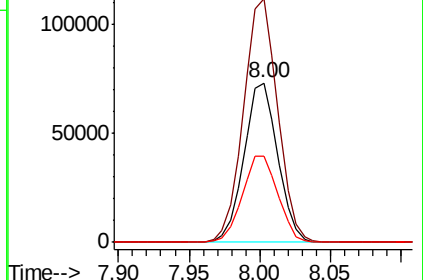
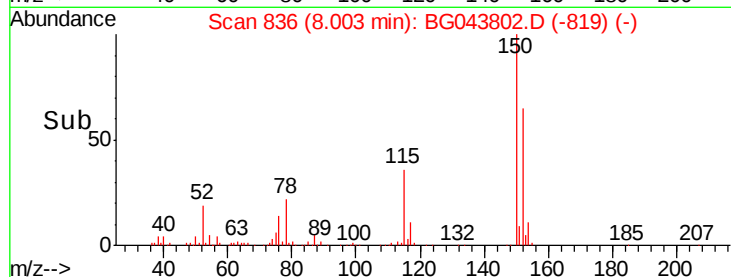
115 54.3 44.3 66.5



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: 118.069 ng

RT: 5.58 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG043802.D

Acq: 11 Dec 2019 19:28

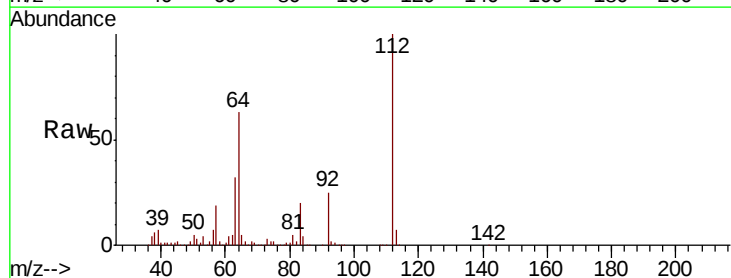
Tgt Ion:112 Resp: 764454

Ion Ratio Lower Upper

112 100

64 62.6 49.9 74.9

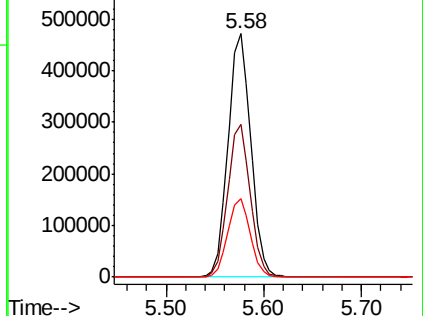
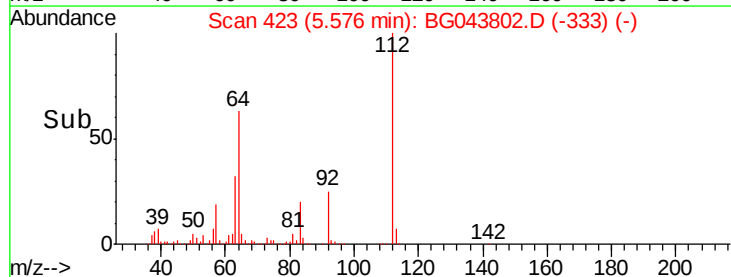
63 32.2 26.0 39.0

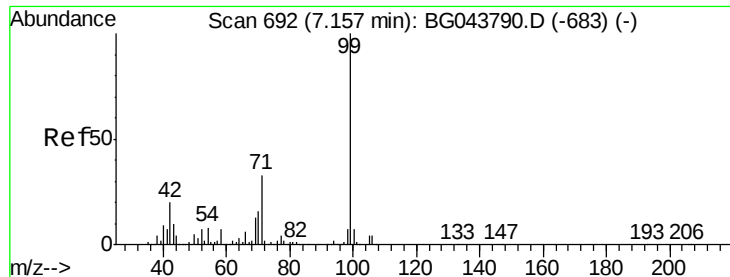


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 120.262 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG043802.D

Acq: 11 Dec 2019 19:28

Instrument :

BNA_G

ClientSampleId :

SB-02-COMP

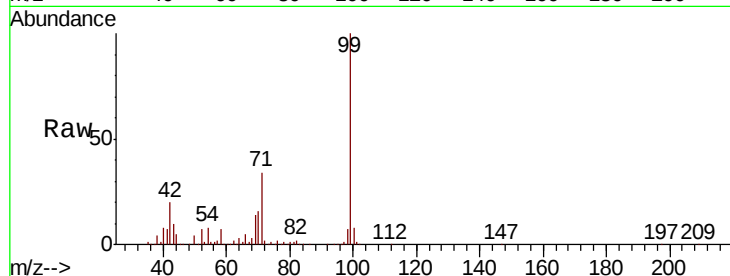
Tot Ion: 99 Resp: 1122970

Ion Ratio Lower Upper

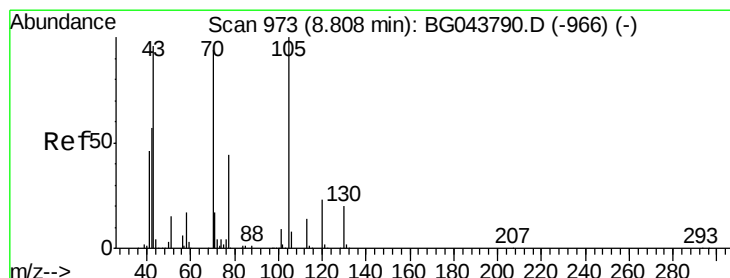
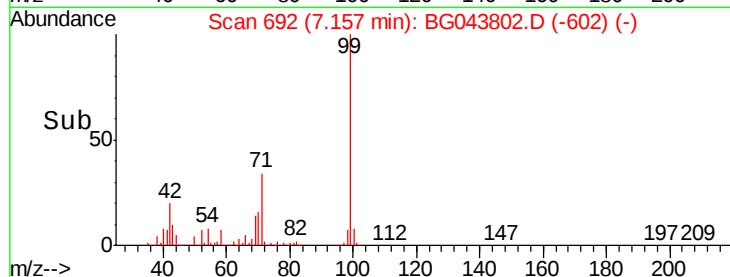
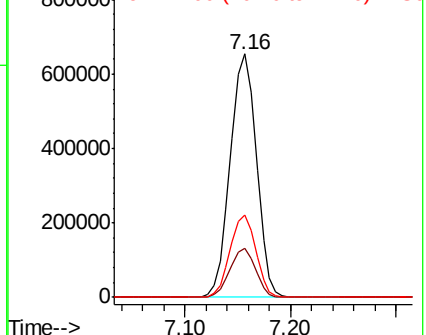
99 100

42 20.0 16.2 24.2

71 33.6 26.6 40.0



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: 11.883 ng

RT: 9.15 min Scan# 1032

Delta R.T. 0.35 min

Lab File: BG043802.D

Acq: 11 Dec 2019 19:28

Tgt Ion: 70 Resp: 84830

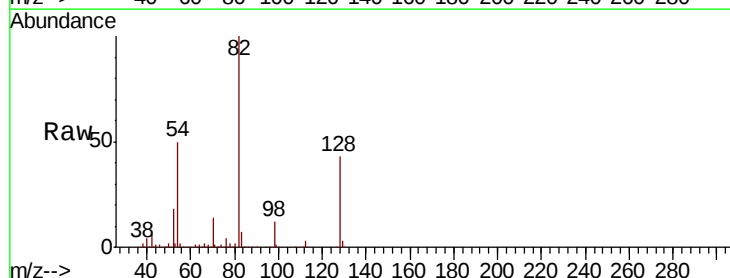
Ion Ratio Lower Upper

70 100

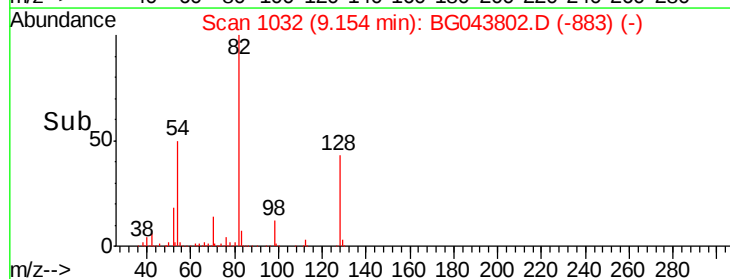
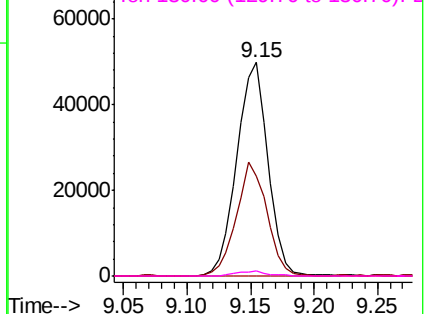
42 46.5 49.2 73.8#

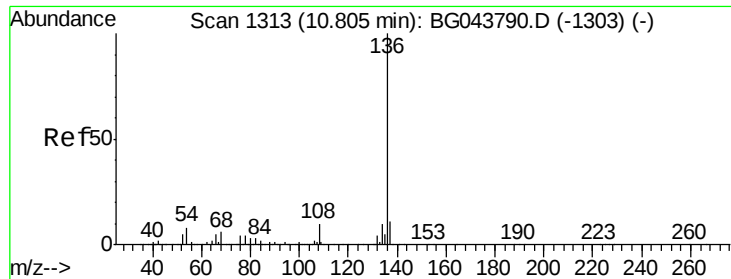
101 0.0 7.8 11.6#

130 2.4 17.0 25.6#



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

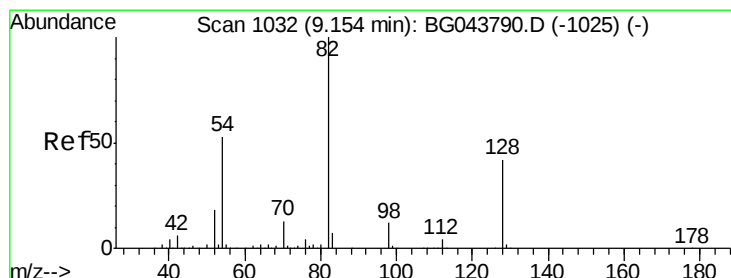
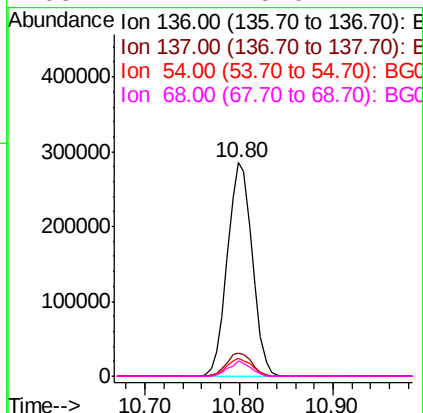
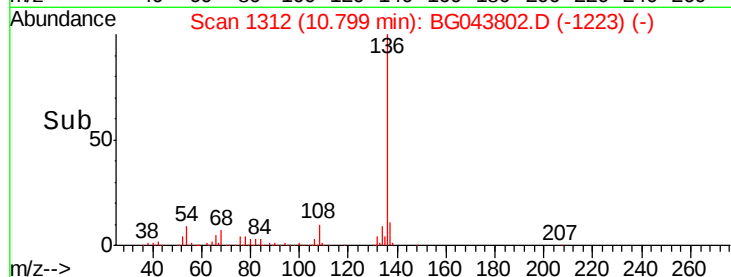
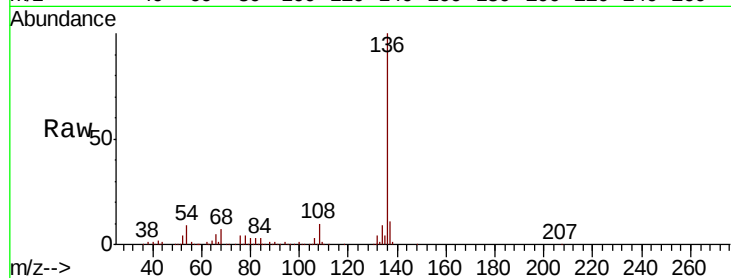




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

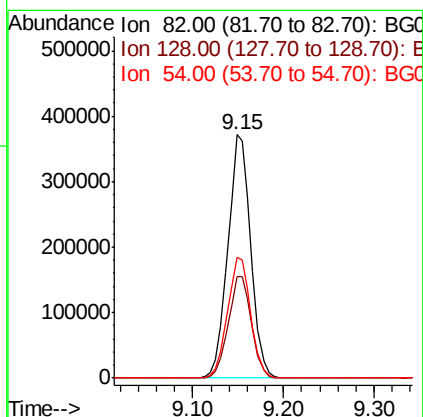
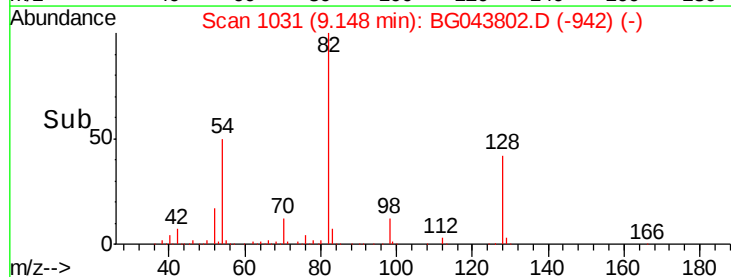
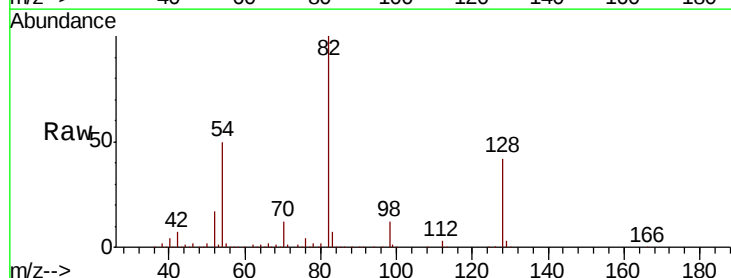
Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

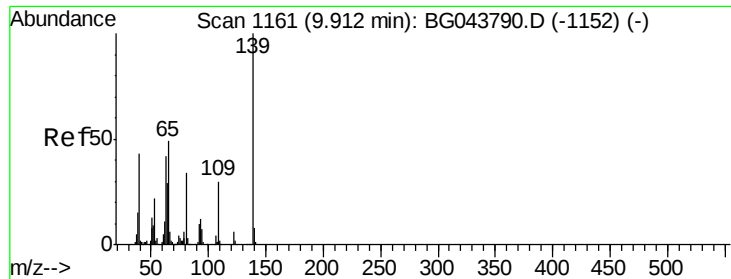
Tot Ion:136	Resp:	522787	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.7	13.1	
54 8.7	6.8	10.2	
68 7.1	5.0	7.4	



#23
Nitrobenzene-d5
Concen: 69.639 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

Tgt	Ion: 82	Resp:	648408
Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.6	50.4
54	49.8	42.1	63.1

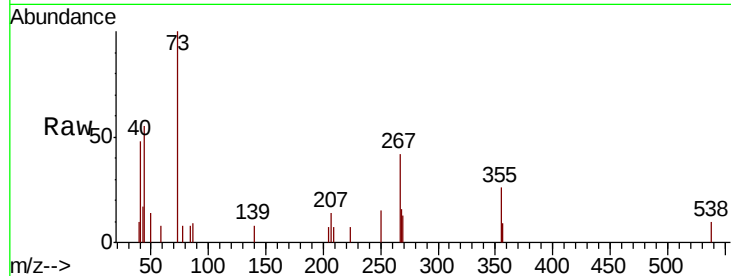




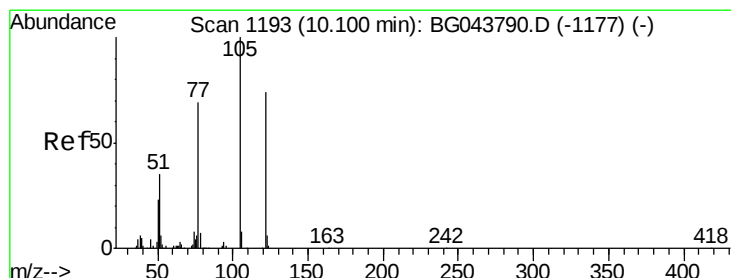
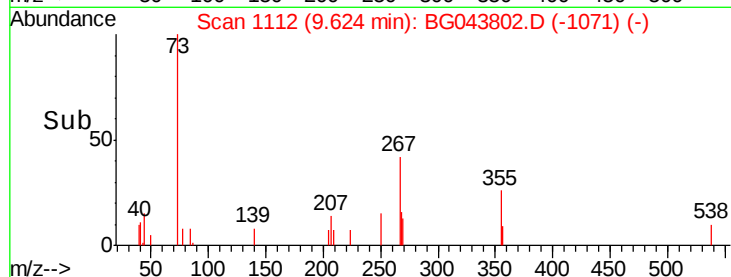
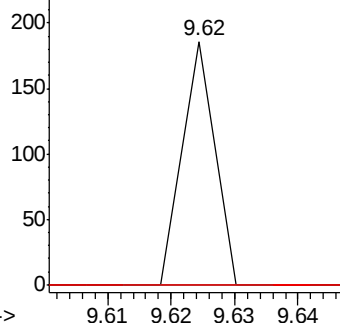
#26
2-Nitrophenol
Concen: 8.362 ng
RT: 9.62 min Scan# 1112
Delta R.T. -0.29 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	23.9	35.9#
65	0.0	39.3	58.9#

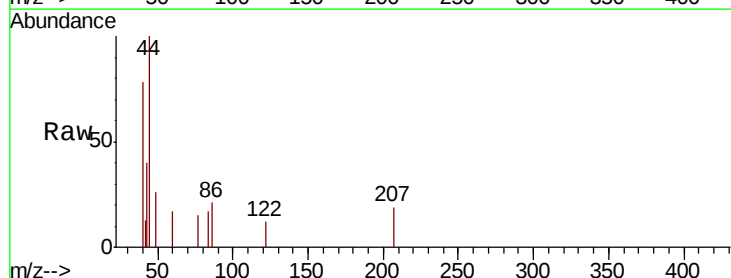


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

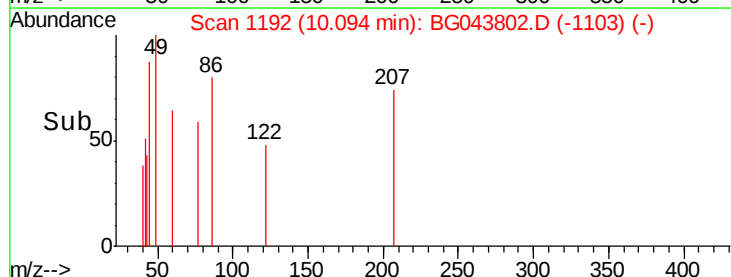
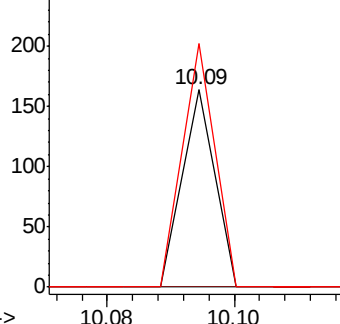


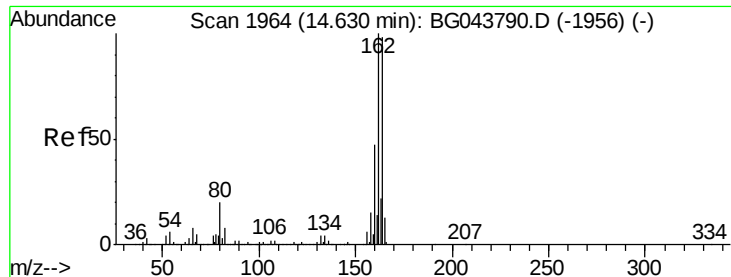
#32
Benzoic acid
Concen: 5.660 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.5	147.5#
77	123.2	71.7	111.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG043802.D

Acq: 11 Dec 2019 19:28

Instrument :

BNA_G

ClientSampleId :

SB-02-COMP

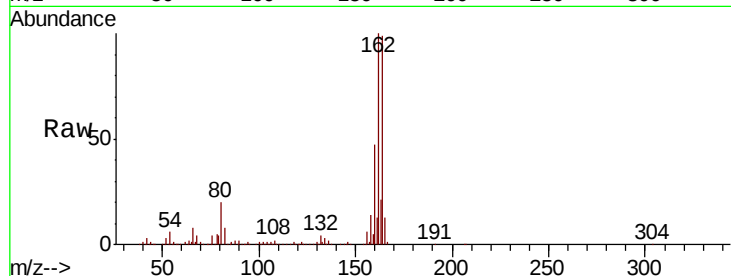
Tot Ion:164 Resp: 364512

Ion Ratio Lower Upper

164 100

162 101.4 81.9 122.9

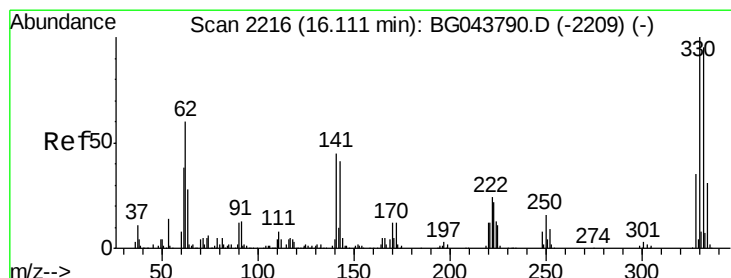
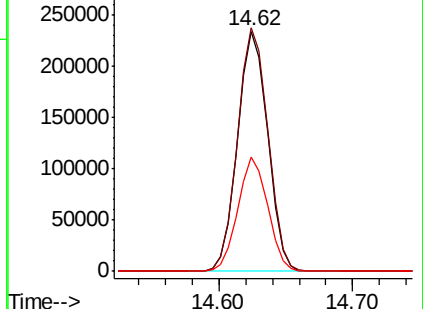
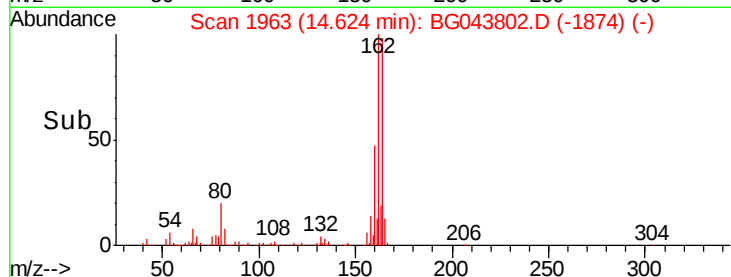
160 47.5 38.3 57.5



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: 117.765 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG043802.D

Acq: 11 Dec 2019 19:28

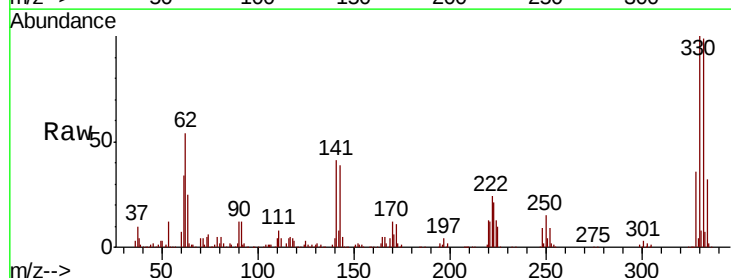
Tgt Ion:330 Resp: 409243

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

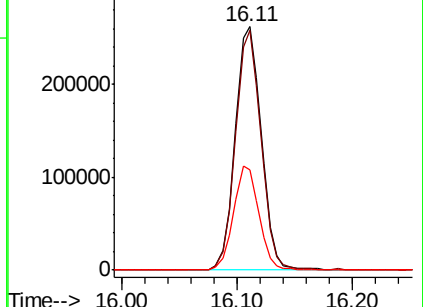
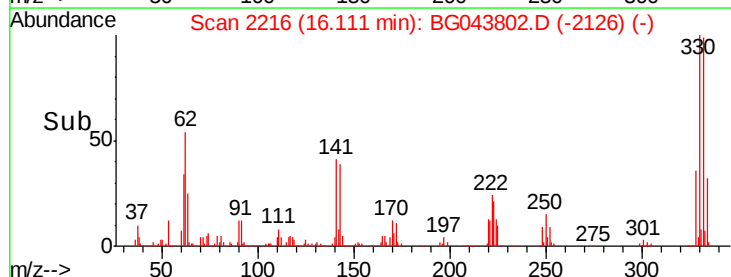
141 41.8 33.8 50.8

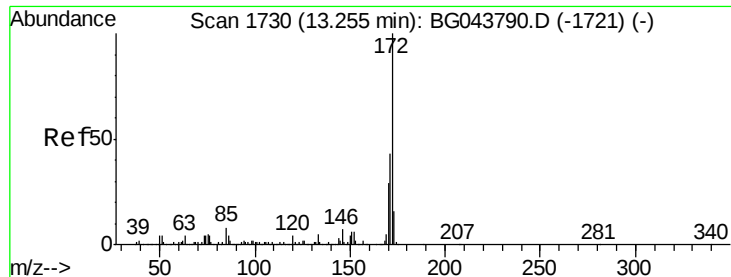


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

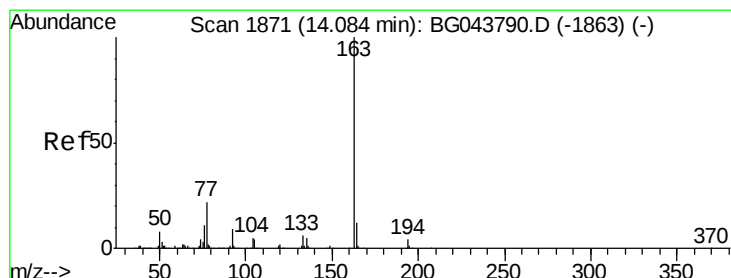
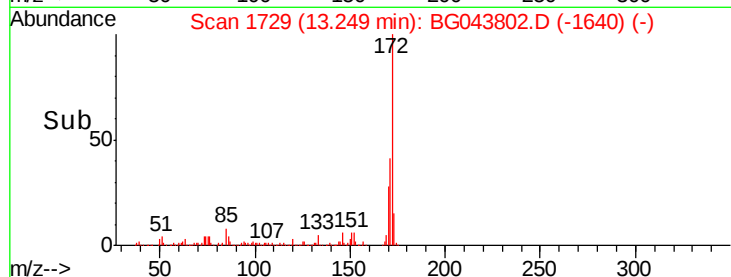
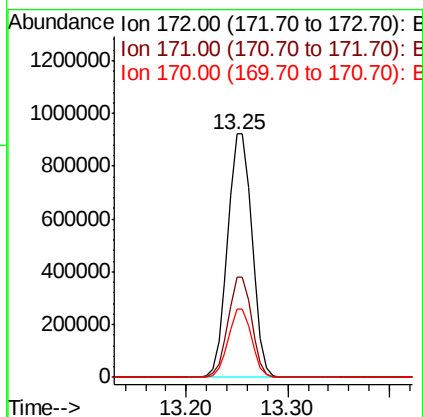
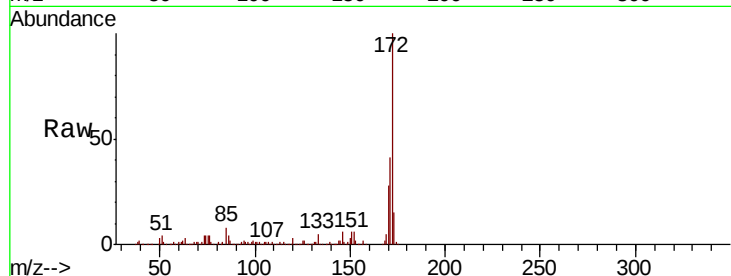




#45
2-Fluorobiphenyl
Concen: 74.030 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.01 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

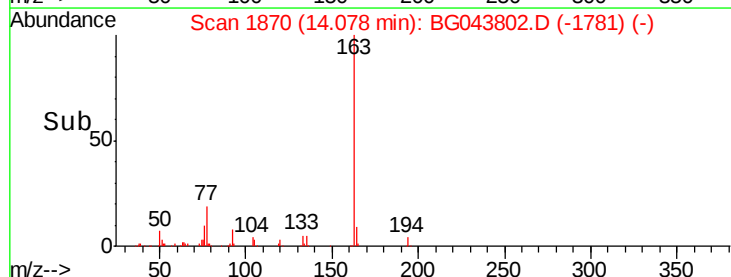
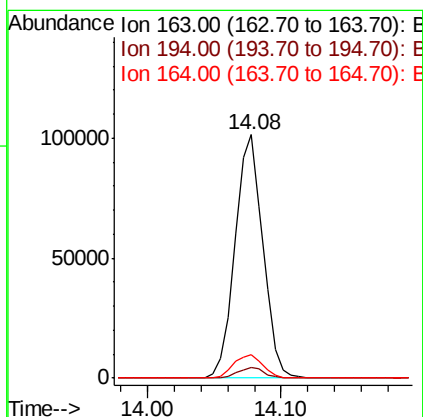
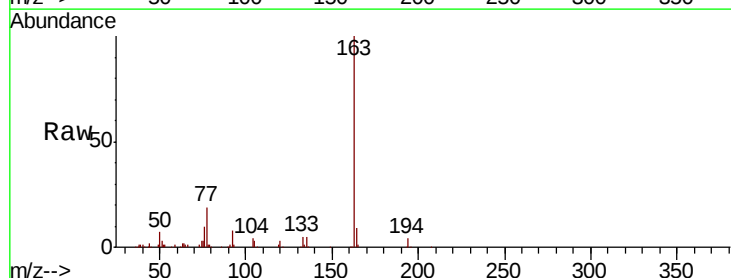
Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

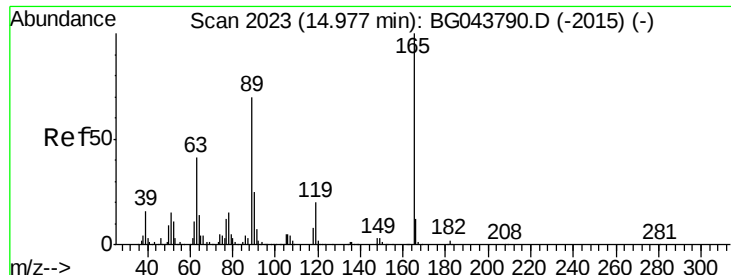
Tot Ion:172 Resp: 1536220
Ion Ratio Lower Upper
172 100
171 41.1 34.6 51.8
170 27.9 23.3 34.9



#50
Dimethylphthalate
Concen: 5.638 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

Tgt Ion:163 Resp: 146675
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 9.4 9.4 14.0

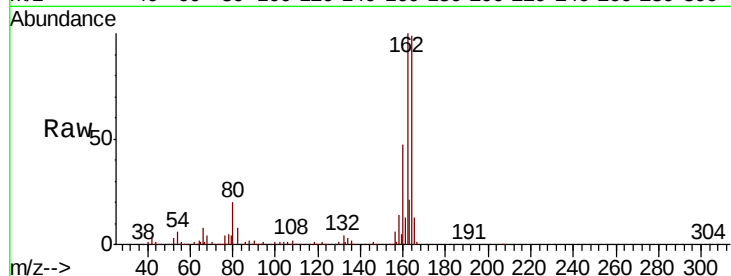




#57
 2,4-Dinitrotoluene
 Concen: 6.342 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.35 min
 Lab File: BG043802.D
 Acq: 11 Dec 2019 19:28

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMP

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.7	49.1#
89	0.9	56.1	84.1#
182	0.0	2.0	3.0#



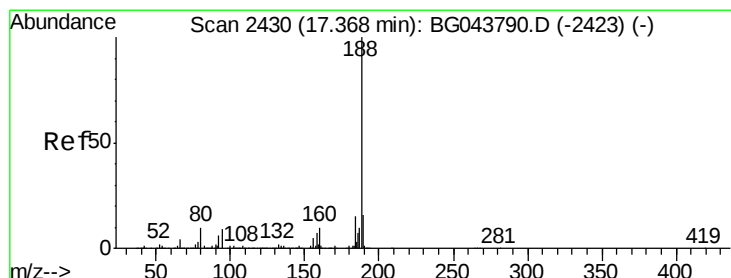
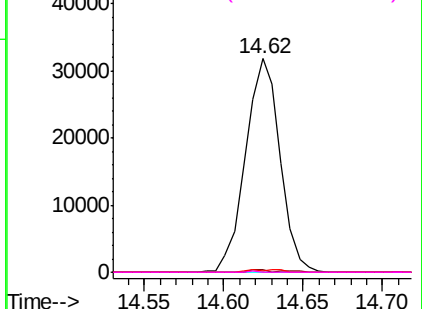
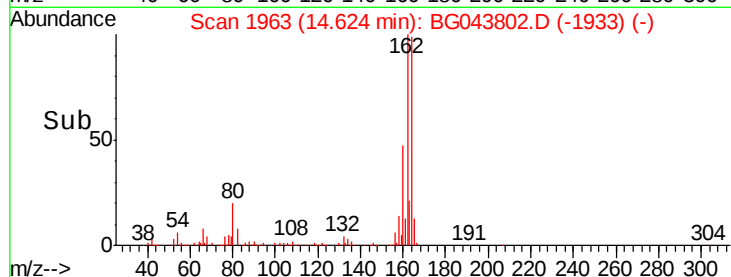
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

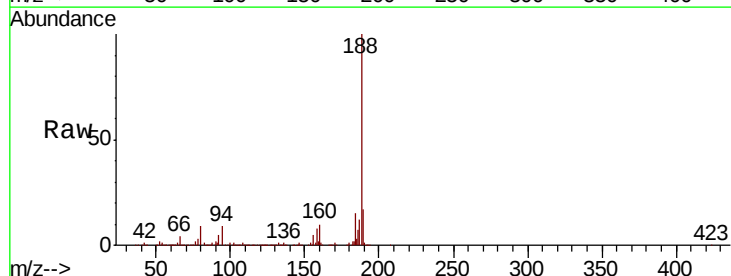
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BG043802.D
 Acq: 11 Dec 2019 19:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.9	10.3
80	9.1	7.8	11.8

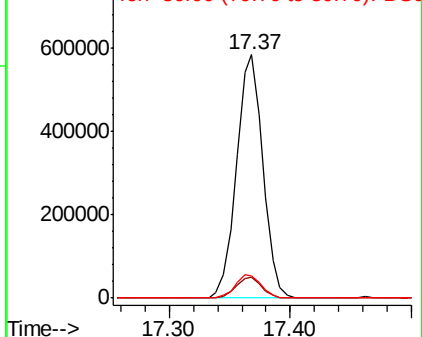
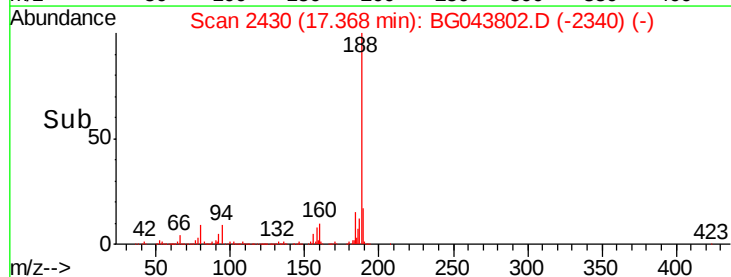


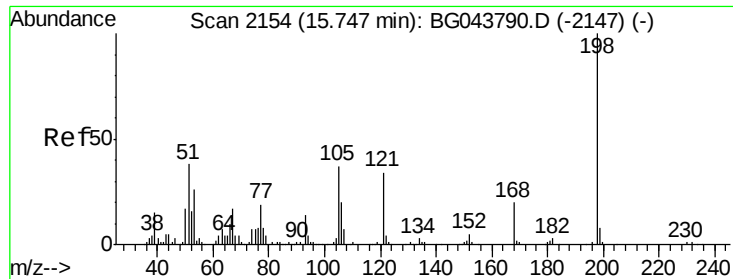
Abundance

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

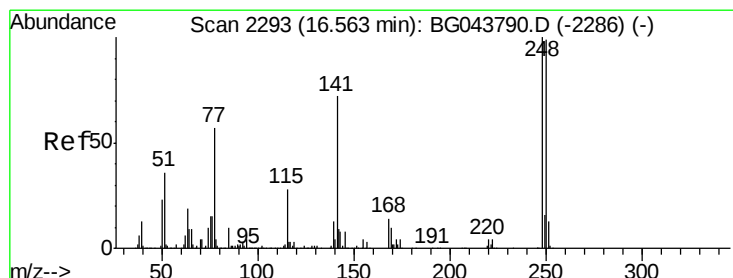
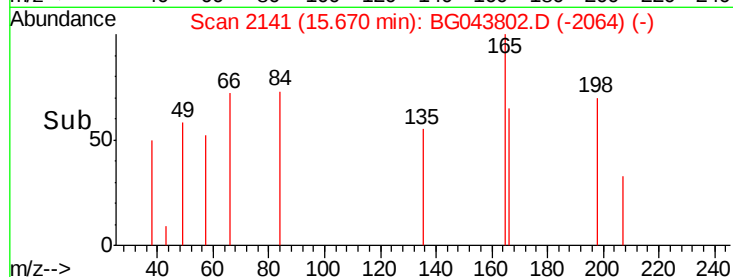
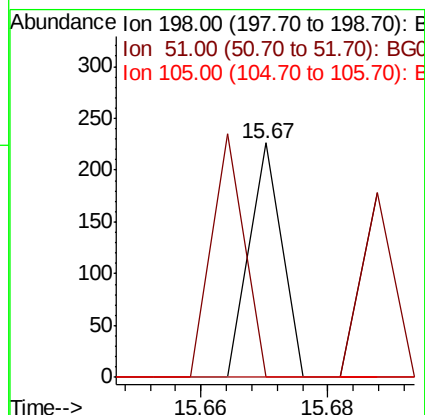
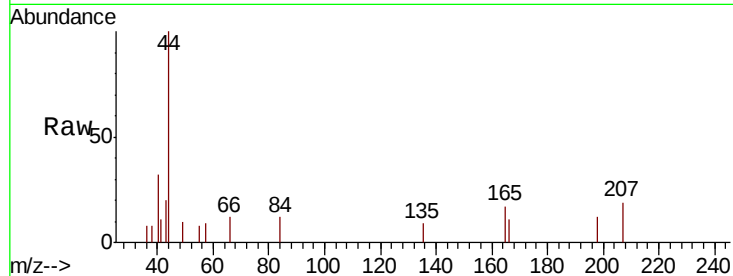




#65
 4,6-Dinitro-2-methylphenol
 Concen: 9.519 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.08 min
 Lab File: BG043802.D
 Acq: 11 Dec 2019 19:28

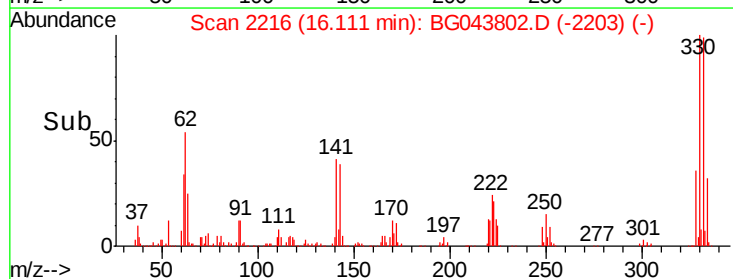
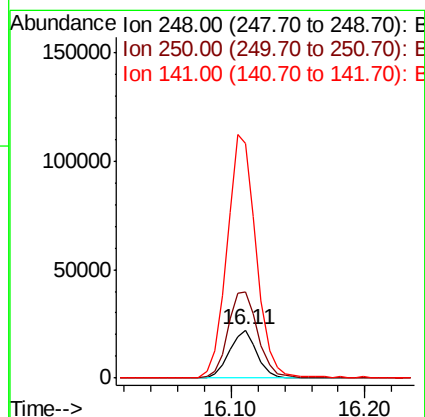
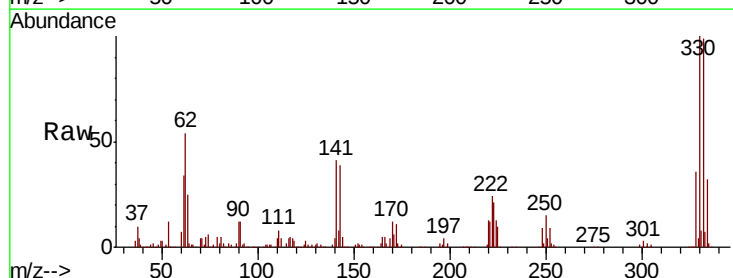
Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMP

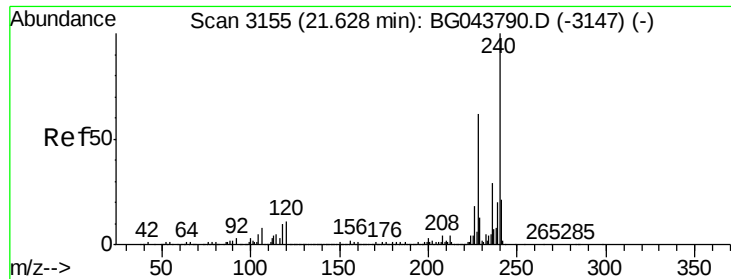
Tot Ion:198 Resp: 80
 Ion Ratio Lower Upper
 198 100
 51 0.0 18.9 58.9#
 105 0.0 18.1 58.1#



#67
 4-Bromophenyl-phenylether
 Concen: 3.381 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.45 min
 Lab File: BG043802.D
 Acq: 11 Dec 2019 19:28

Tgt Ion:248 Resp: 32019
 Ion Ratio Lower Upper
 248 100
 250 177.8 79.0 118.6#
 141 483.9 57.8 86.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG043802.D

Acq: 11 Dec 2019 19:28

Instrument :

BNA_G

ClientSampleId :

SB-02-COMP

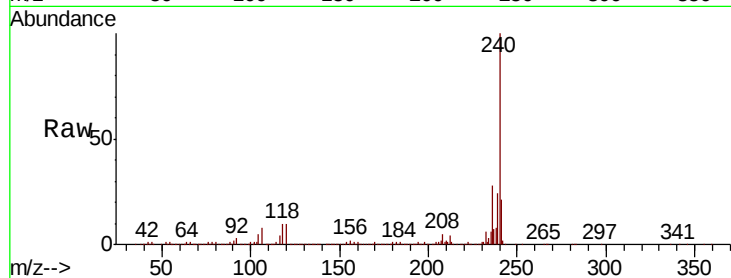
Tot Ion:240 Resp: 831156

Ion Ratio Lower Upper

240 100

120 10.0 8.6 12.8

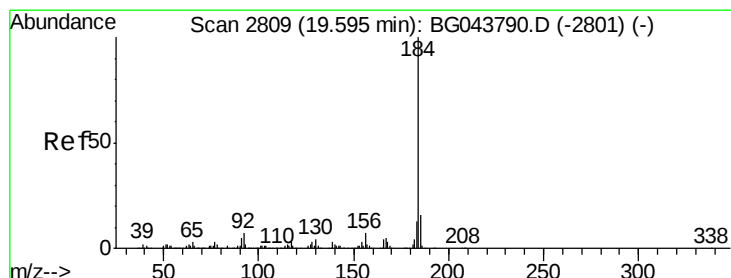
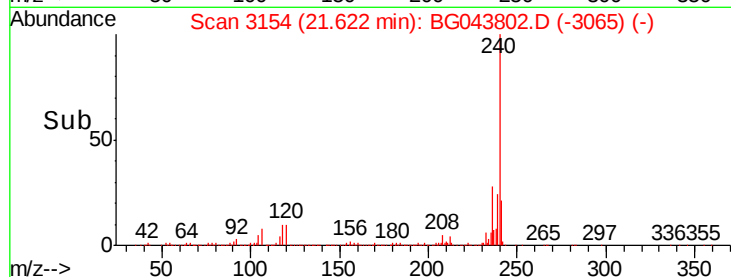
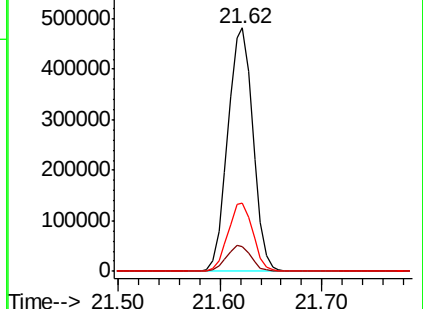
236 28.3 23.1 34.7



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: 2.860 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.39 min

Lab File: BG043802.D

Acq: 11 Dec 2019 19:28

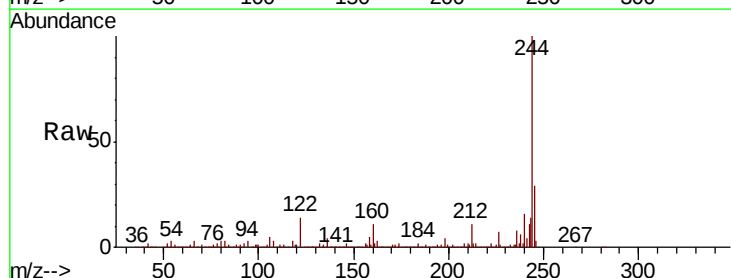
Tgt Ion:184 Resp: 51861

Ion Ratio Lower Upper

184 100

185 19.3 12.9 19.3#

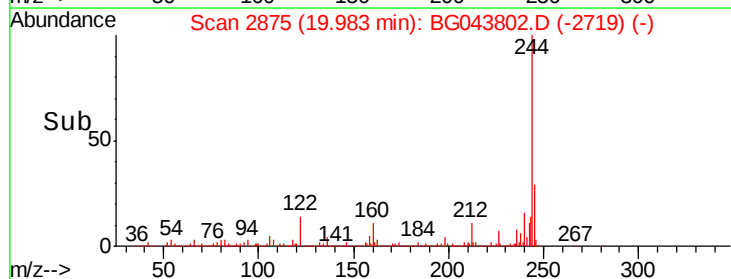
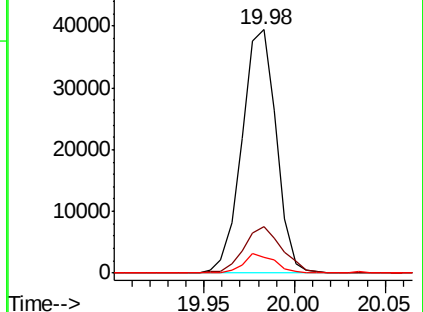
183 6.6 10.3 15.5#

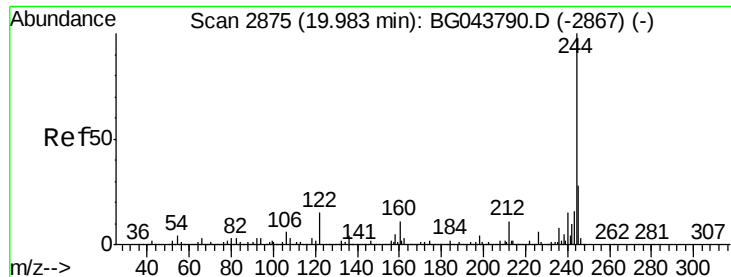


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 73.219 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043802.D

Acq: 11 Dec 2019 19:28

Instrument :

BNA_G

ClientSampleId :

SB-02-COMP

Tot Ion:244 Resp: 2529611

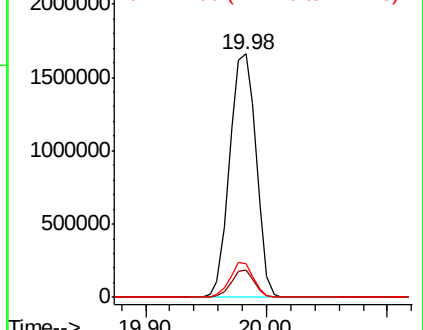
Ion	Ratio	Lower	Upper
244	100		
212	11.2	9.1	13.7
122	14.0	11.6	17.4

Abundance

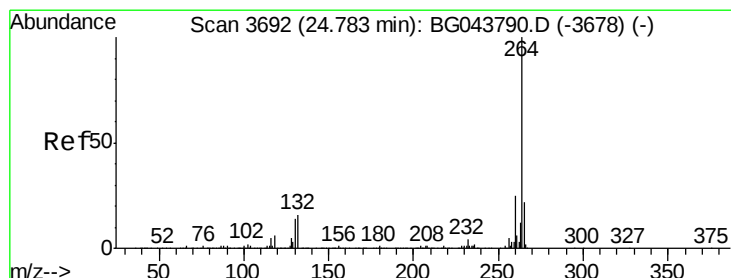
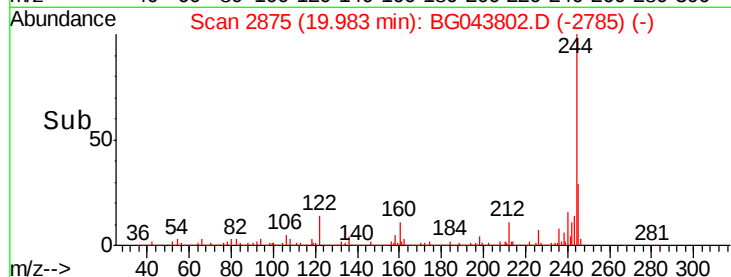
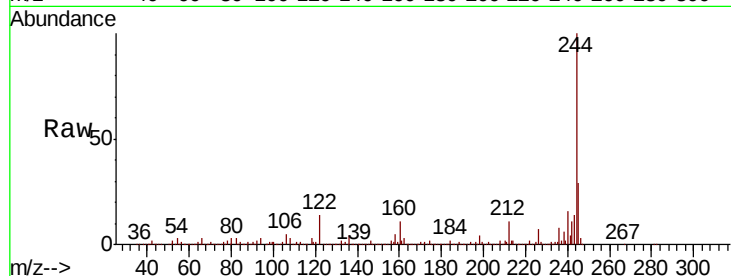
Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG043802.D

Acq: 11 Dec 2019 19:28

Tgt Ion:264 Resp: 921721

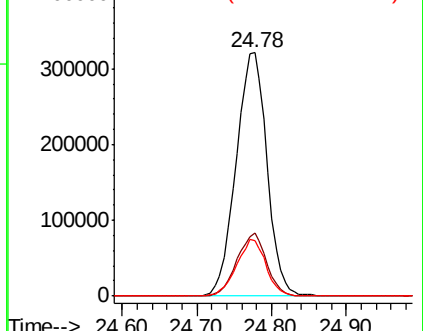
Ion	Ratio	Lower	Upper
264	100		
260	26.0	19.8	29.8
265	22.8	17.9	26.9

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



Time-->

