

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
 Data File : BG043804.D
 Acq On : 11 Dec 2019 20:46
 Operator : JU
 Sample : K6205-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 K165-WC-2

Quant Time: Dec 12 02:21:11 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

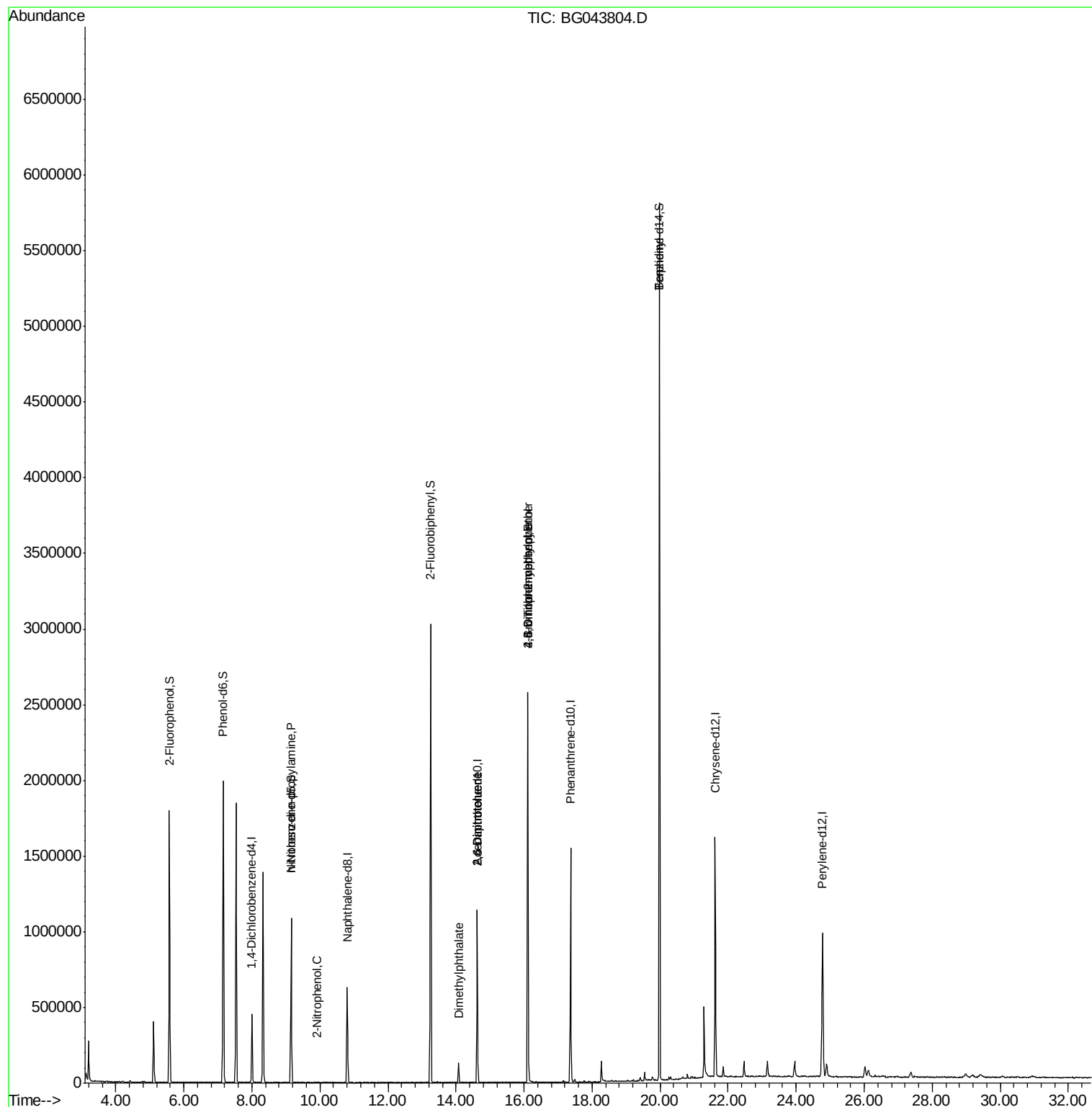
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	131269	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	573134	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	401646	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	969402	20.00	ng	0.00
76) Chrysene-d12	21.62	240	861030	20.00	ng	0.00
87) Perylene-d12	24.78	264	954097	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	796496	114.97	ng	0.00
7) Phenol-d6	7.16	99	1163520	116.45	ng	0.00
23) Nitrobenzene-d5	9.15	82	671166	65.75	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	431452	112.68	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1599460	69.95	ng	0.00
79) Terphenyl-d14	19.98	244	2508675	70.09	ng	0.00
Target Compounds						
9) Benzaldehyde	7.16	77	2014	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	9.15	70	89507	11.718 ng	#	75
26) 2-Nitrophenol	9.92	139	74	8.363 ng	#	34
50) Dimethylphthalate	14.08	163	89105	3.108 ng		96
51) 2,6-Dinitrotoluene	14.62	165	53995	8.740 ng	#	28
57) 2,4-Dinitrotoluene	14.62	165	53995	6.468 ng	#	25
65) 4,6-Dinitro-2-methylphenol	16.11	198	1661	9.857 ng	#	1
67) 4-Bromophenyl-phenylether	16.11	248	34030	3.283 ng	#	1
77) Benzidine	19.98	184	51571	2.745 ng	#	92

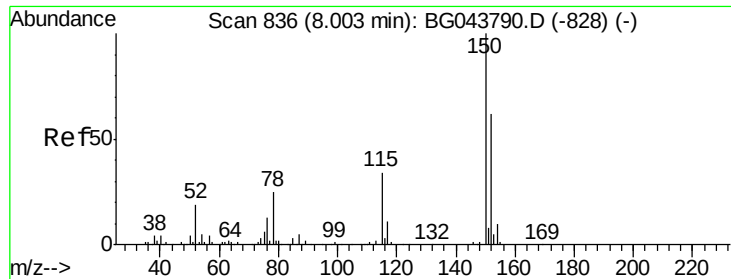
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
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ClientSampleId :
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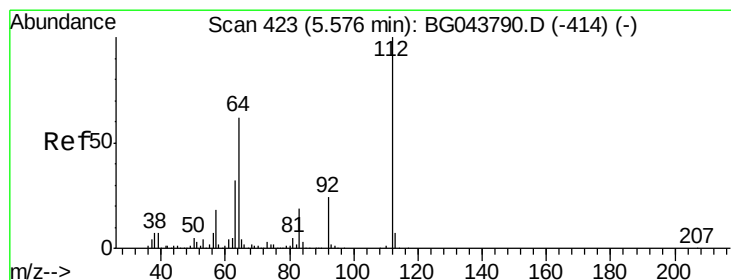
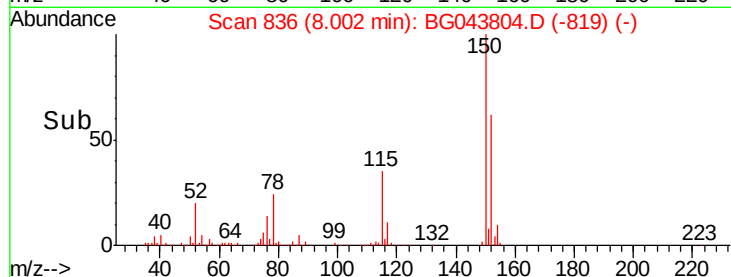
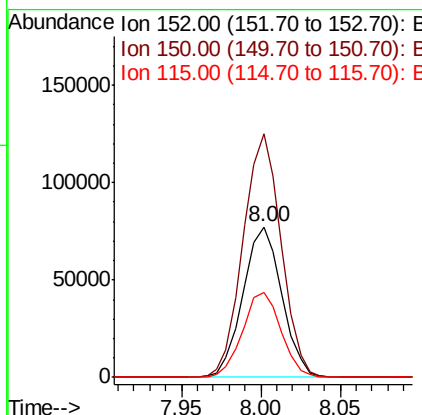
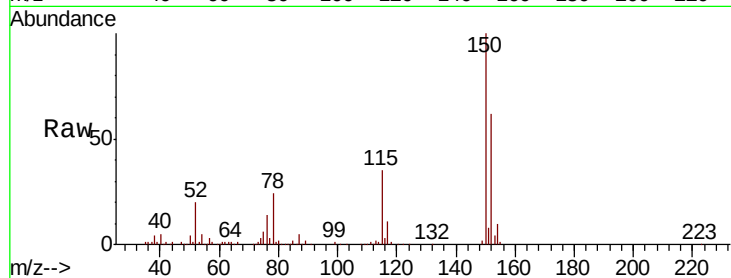


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043804.D
Acq: 11 Dec 2019 20:46

Instrument :
BNA_G
ClientSampleId :
K165-WC-2

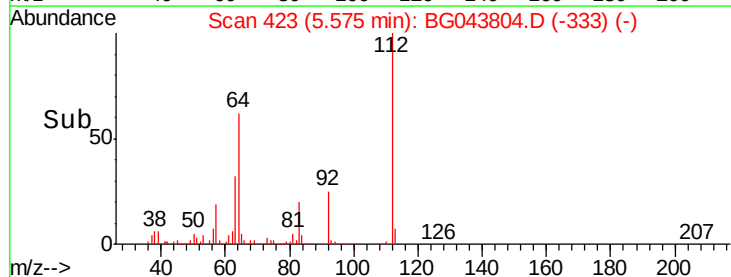
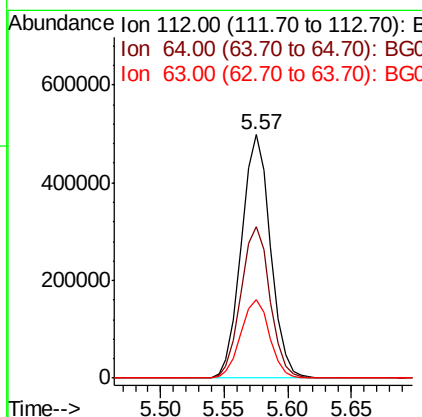
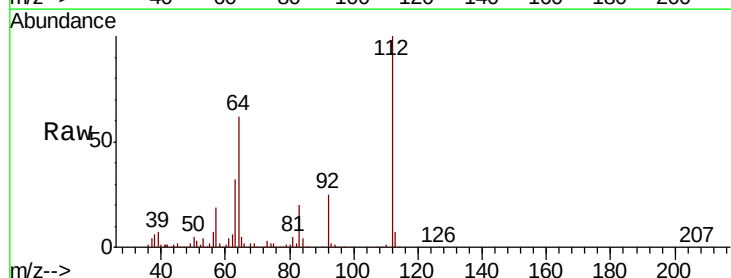
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	128.6	192.8
115	56.6	44.3	66.5

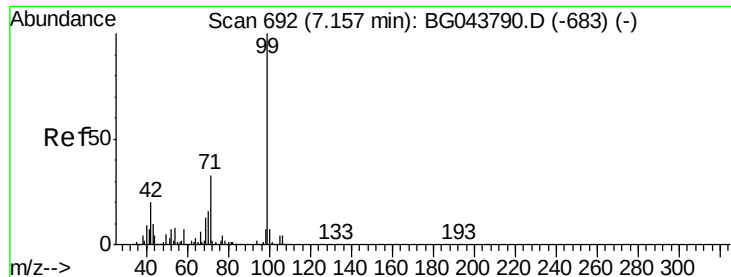


#5

2-Fluorophenol
Concen: 114.965 ng
RT: 5.57 min Scan# 423
Delta R.T. -0.00 min
Lab File: BG043804.D
Acq: 11 Dec 2019 20:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	49.9	74.9
63	32.3	26.0	39.0





#7

Phenol-d6

Concen: 116.449 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG043804.D

Acq: 11 Dec 2019 20:46

Instrument :

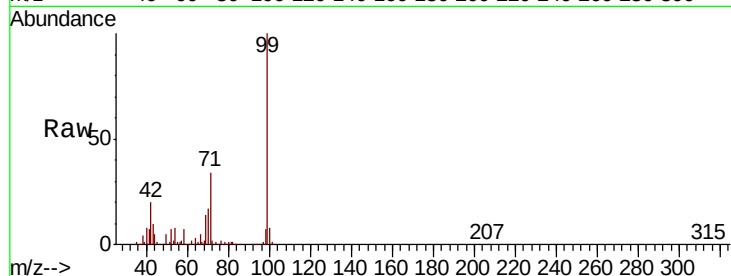
BNA_G

ClientSampleId :

K165-WC-2

Tot Ion: 99 Resp: 1163520

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.2	24.2
71	34.2	26.6	40.0

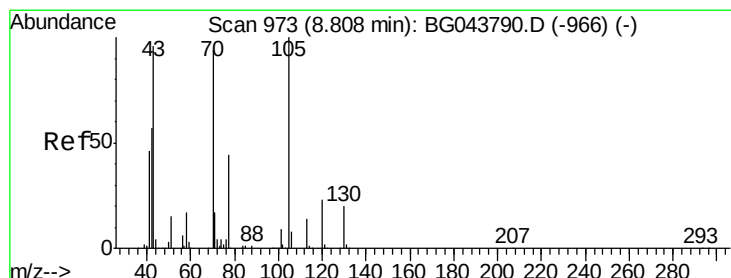
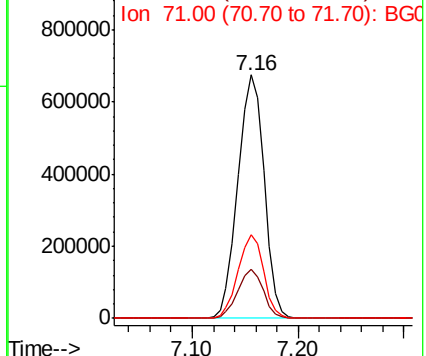
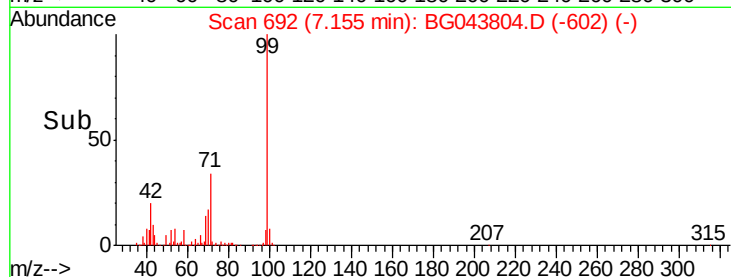


Abundance

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: 11.718 ng

RT: 9.15 min Scan# 1032

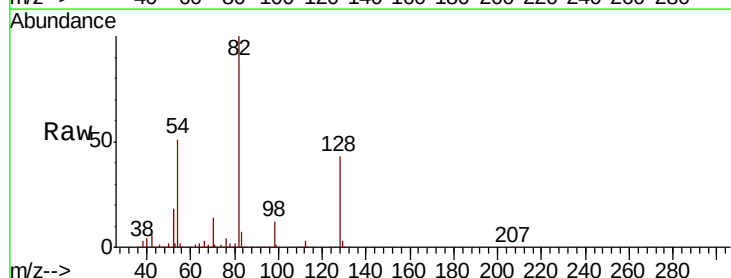
Delta R.T. 0.35 min

Lab File: BG043804.D

Acq: 11 Dec 2019 20:46

Tgt Ion: 70 Resp: 89507

Ion	Ratio	Lower	Upper
70	100		
42	46.3	49.2	73.8#
101	0.0	7.8	11.6#
130	2.3	17.0	25.6#



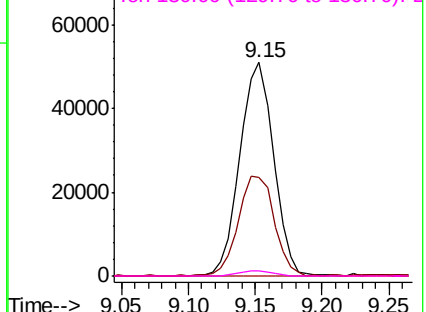
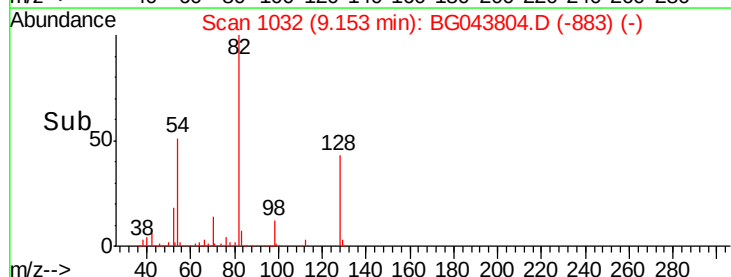
Abundance

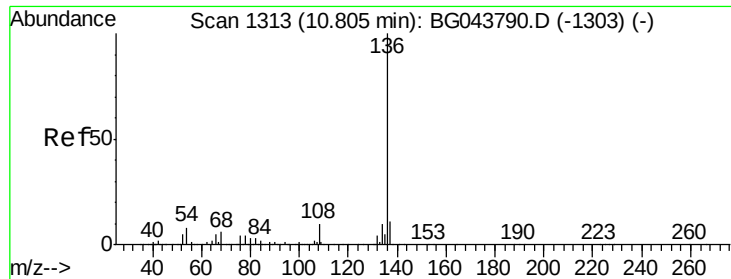
Ion 70.00 (69.70 to 70.70): BGC

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

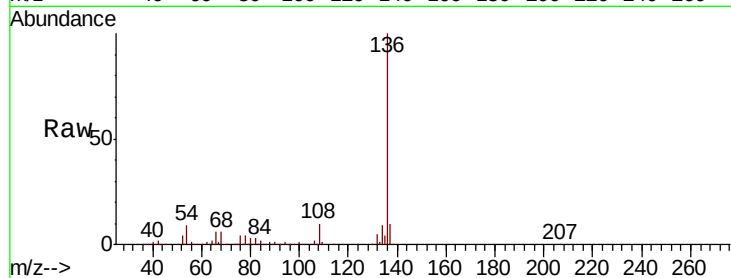




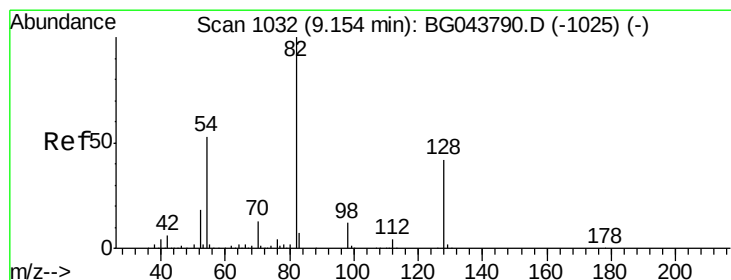
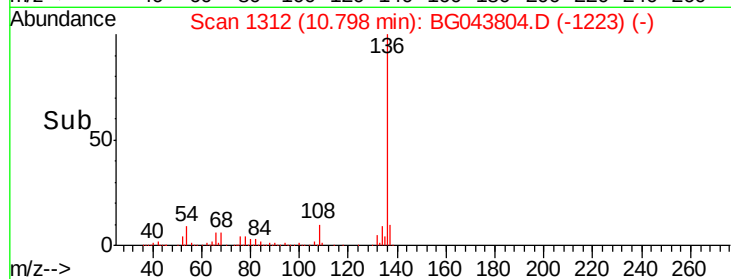
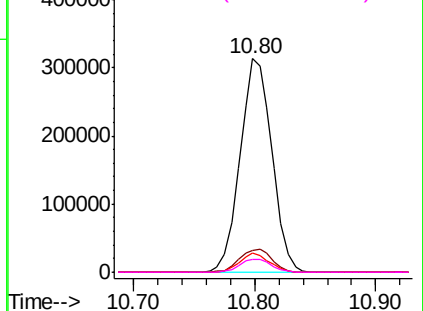
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG043804.D
Acq: 11 Dec 2019 20:46

Instrument :
BNA_G
ClientSampleId :
K165-WC-2

Tot Ion:136	Resp:	573134	
Ion Ratio	Lower	Upper	
136 100			
137 10.5	8.7	13.1	
54 8.7	6.8	10.2	
68 5.9	5.0	7.4	

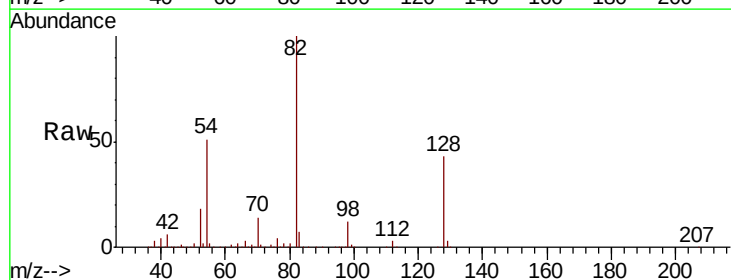


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

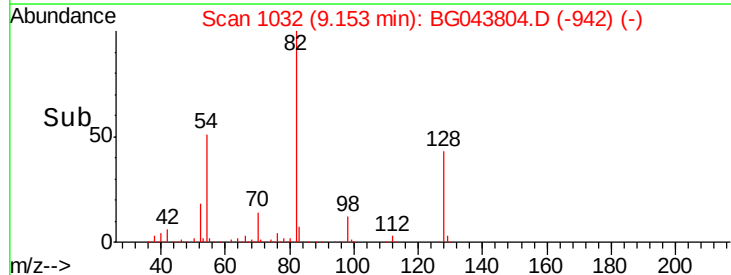
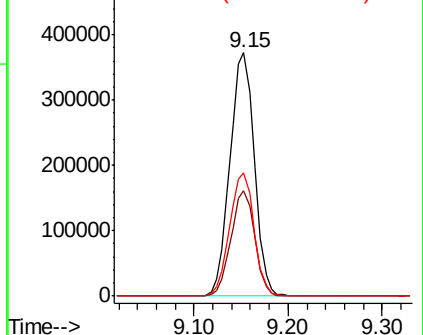


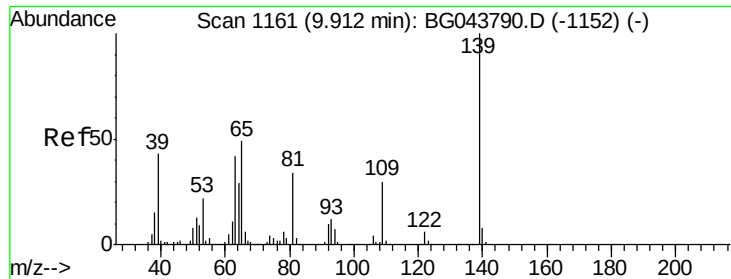
#23
Nitrobenzene-d5
Concen: 65.751 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043804.D
Acq: 11 Dec 2019 20:46

Tgt Ion: 82	Resp: 671166
Ion Ratio	Lower Upper
82 100	
128 43.2	33.6 50.4
54 50.7	42.1 63.1



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

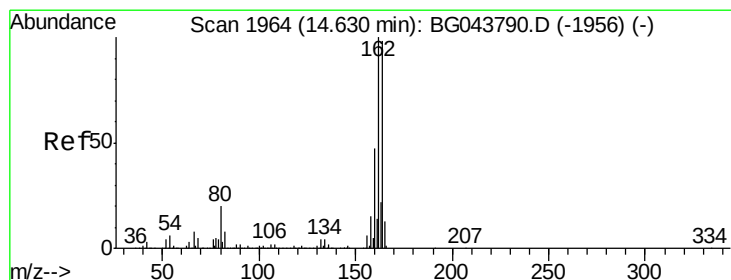
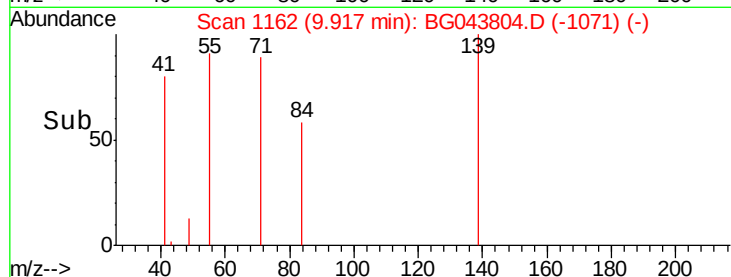
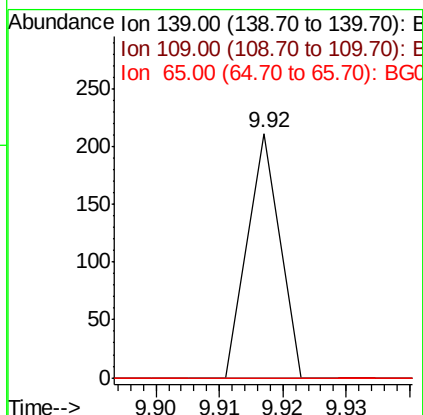
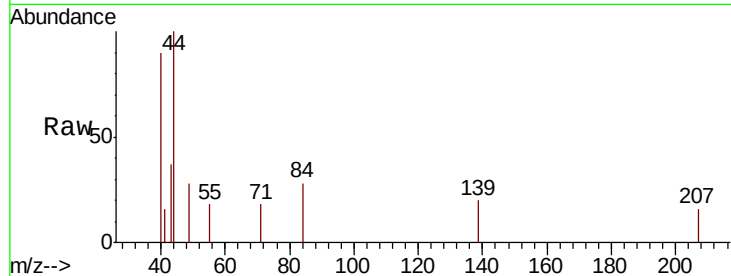




#26
2-Nitrophenol
Concen: 8.363 ng
RT: 9.92 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BG043804.D
Acq: 11 Dec 2019 20:46

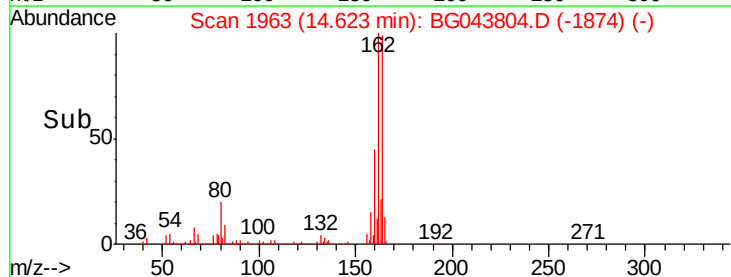
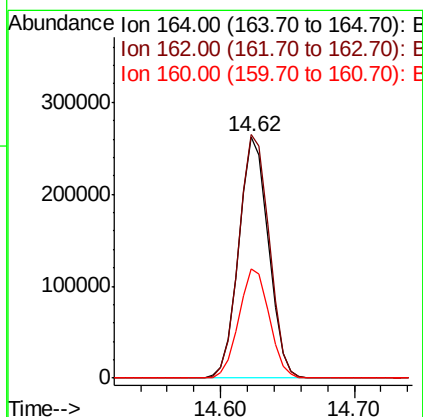
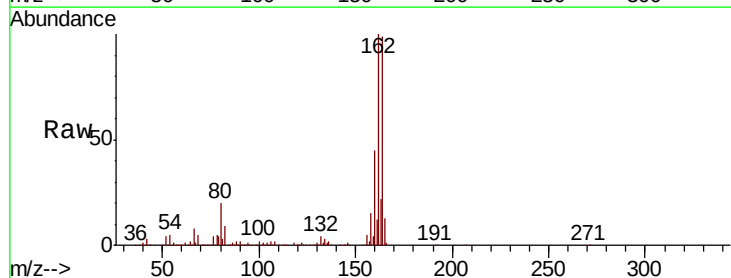
Instrument :
BNA_G
ClientSampled :
K165-WC-2

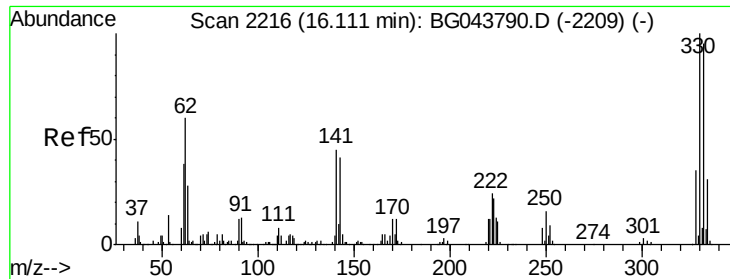
Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	23.9	35.9#
65	0.0	39.3	58.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG043804.D
Acq: 11 Dec 2019 20:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.9	122.9
160	45.2	38.3	57.5

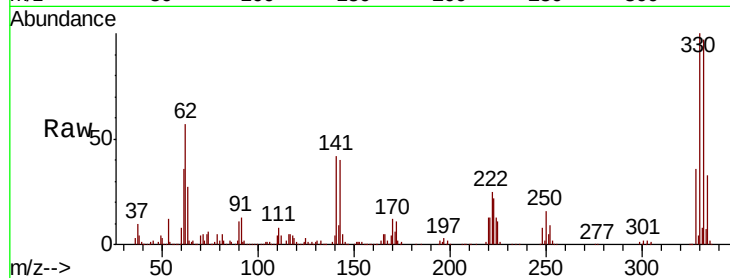




#42
 2,4,6-Tribromophenol
 Concen: 112.677 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG043804.D
 Acq: 11 Dec 2019 20:46

Instrument :
 BNA_G
 ClientSampleId :
 K165-WC-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.9	115.3
141	42.4	33.8	50.8

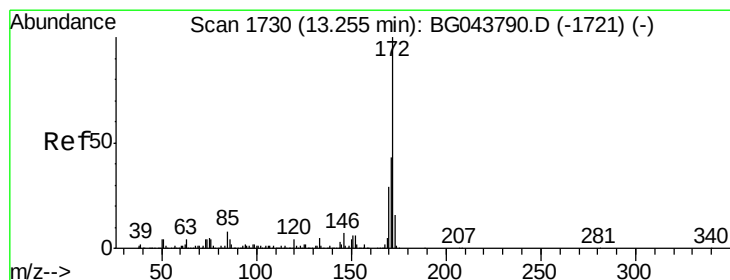
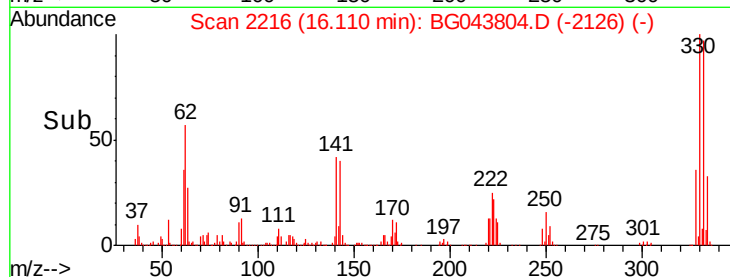
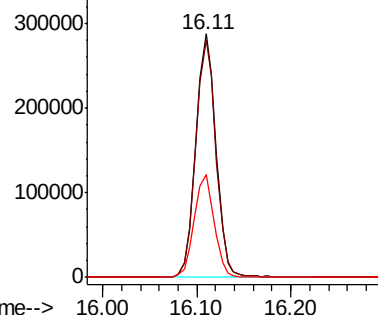


Abundance

Ion 329.80 (329.50 to 330.50): E

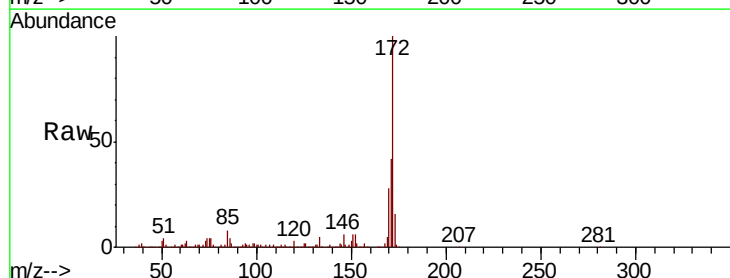
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 69.951 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG043804.D
 Acq: 11 Dec 2019 20:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	42.0	34.6	51.8
170	28.1	23.3	34.9

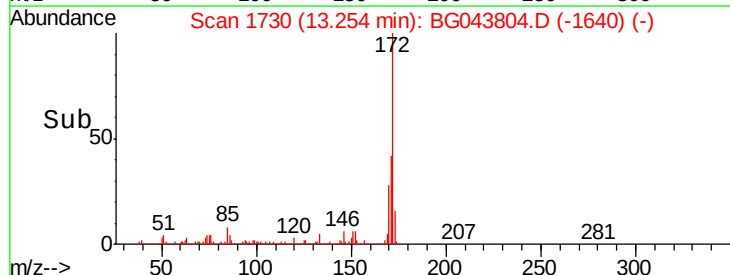
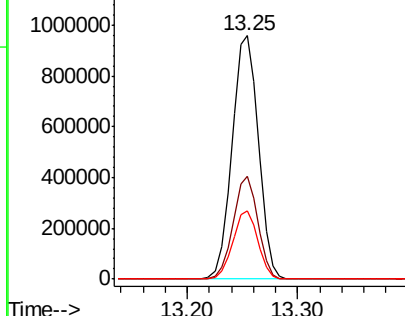


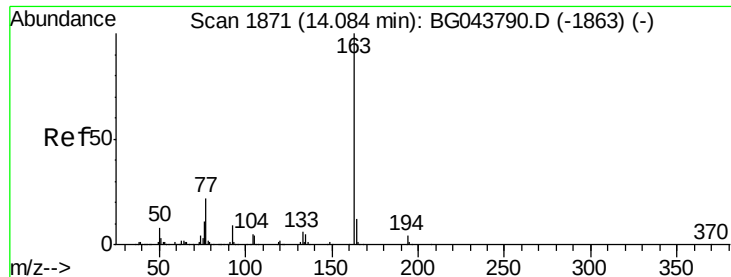
Abundance

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

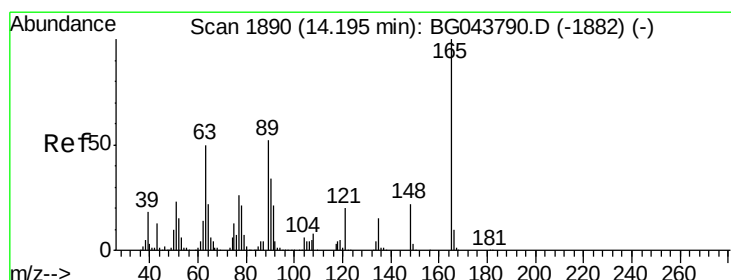
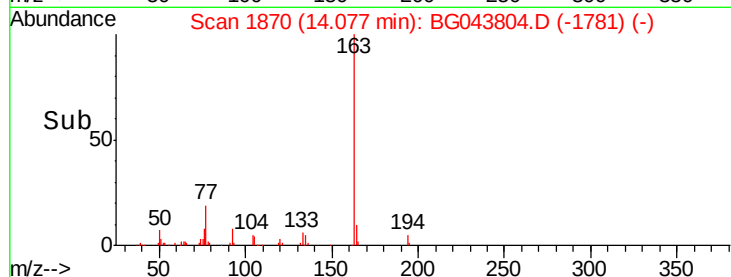
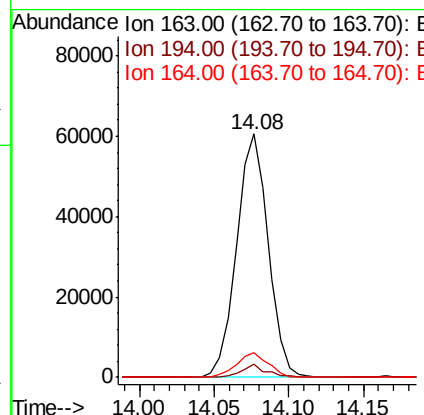
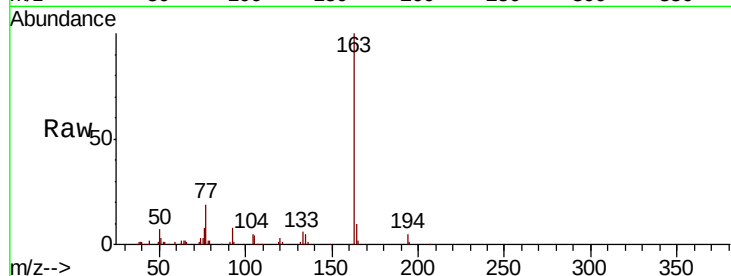




#50
Dimethylphthalate
Concen: 3.108 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG043804.D
Acq: 11 Dec 2019 20:46

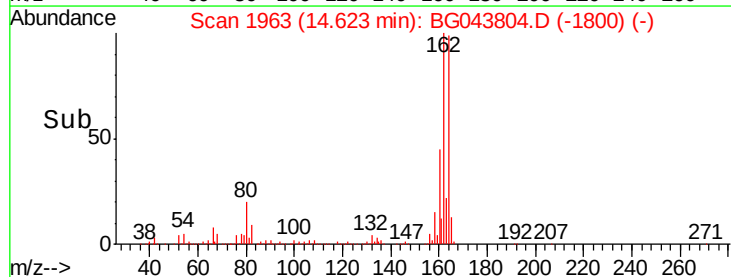
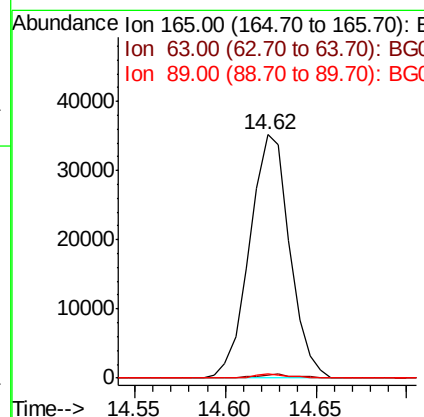
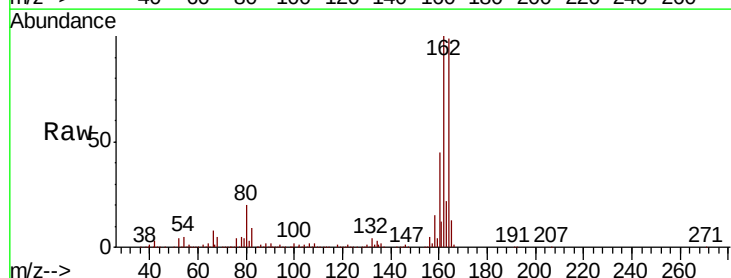
Instrument :
BNA_G
ClientSampleId :
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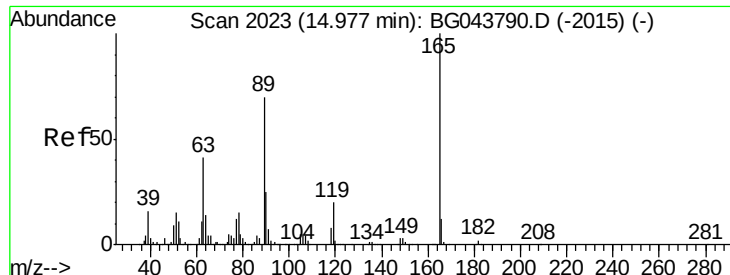
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.6	5.4
164	10.1	9.4	14.0



#51
2,6-Dinitrotoluene
Concen: 8.740 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.43 min
Lab File: BG043804.D
Acq: 11 Dec 2019 20:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.3	60.5#
89	1.5	41.8	62.8#

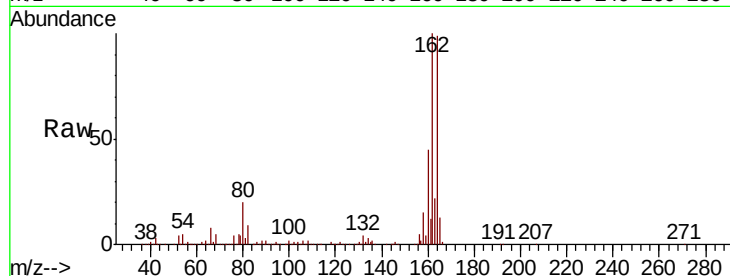




#57
2,4-Dinitrotoluene
Concen: 6.468 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.35 min
Lab File: BG043804.D
Acq: 11 Dec 2019 20:46

Instrument :
BNA_G
ClientSampleId :
K165-WC-2

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.7	49.1#
89	1.5	56.1	84.1#
182	0.0	2.0	3.0#



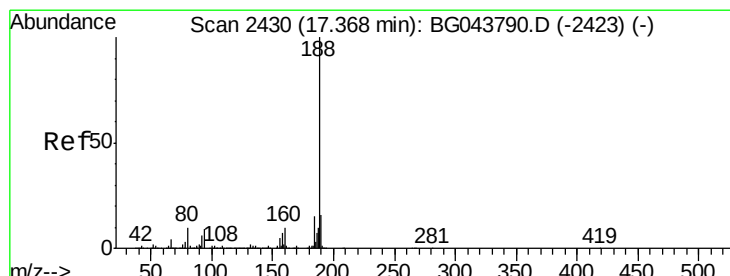
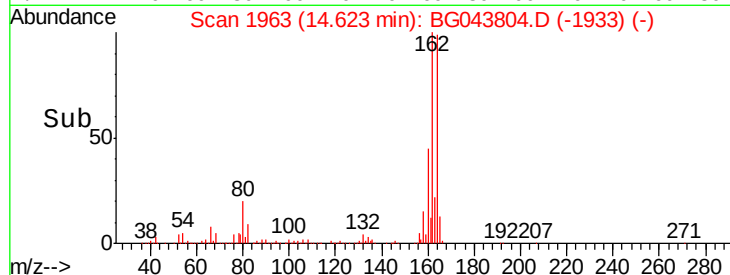
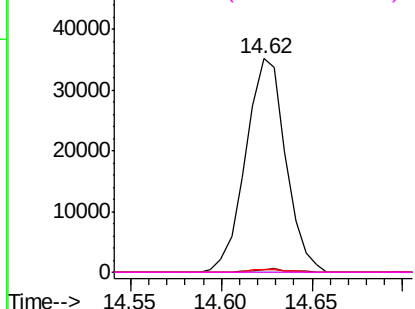
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

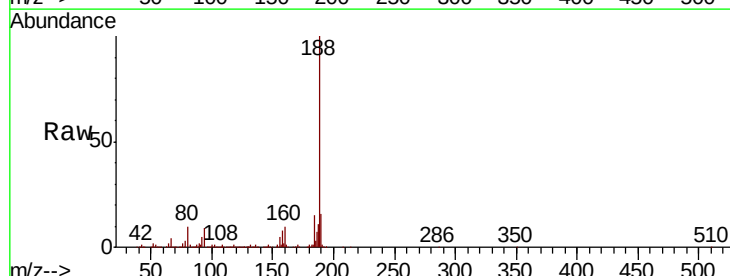
Ion 89.00 (88.70 to 89.70): BGC

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: BG043804.D
Acq: 11 Dec 2019 20:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.9	10.3
80	9.9	7.8	11.8

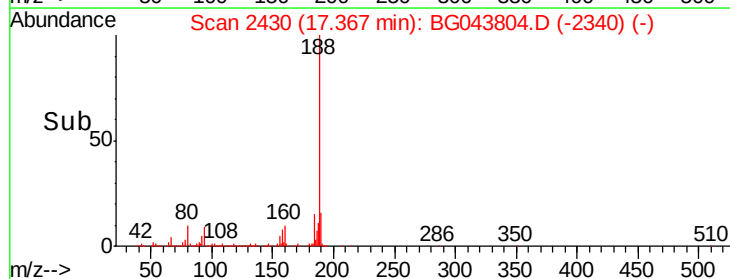
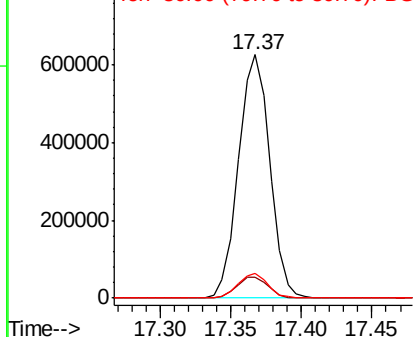


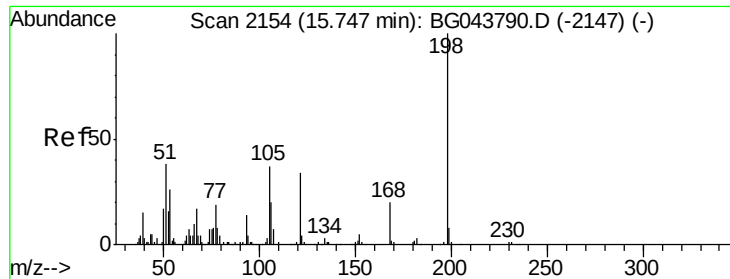
Abundance

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: 9.857 ng

RT: 16.11 min Scan# 2216

Delta R.T. 0.36 min

Lab File: BG043804.D

Acq: 11 Dec 2019 20:46

Instrument :

BNA_G

ClientSampleId :

K165-WC-2

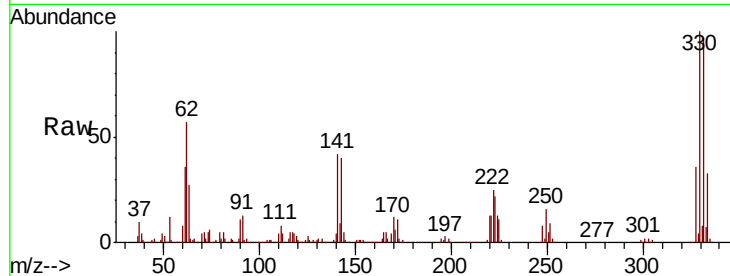
Tot Ion:198 Resp: 1661

Ion Ratio Lower Upper

198 100

51 108.9 18.9 58.9#

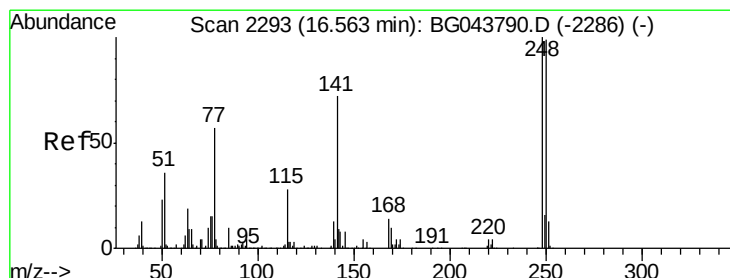
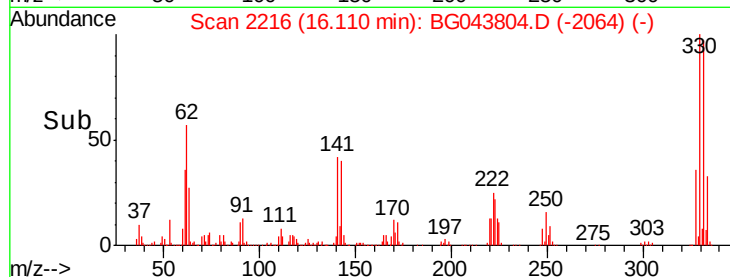
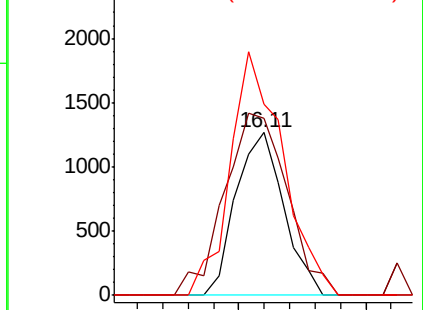
105 117.7 18.1 58.1#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043790.D (-2147) (-)

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 3.283 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.45 min

Lab File: BG043804.D

Acq: 11 Dec 2019 20:46

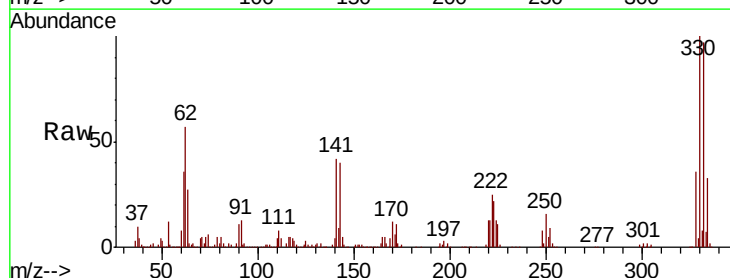
Tgt Ion:248 Resp: 34030

Ion Ratio Lower Upper

248 100

250 204.7 79.0 118.6#

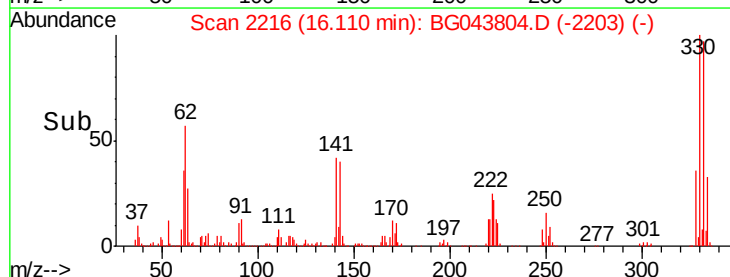
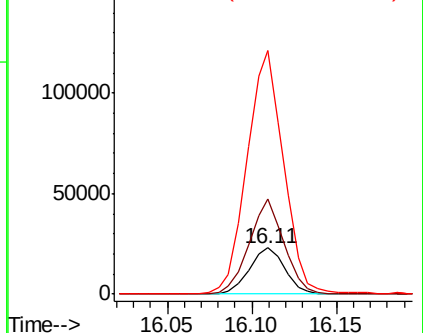
141 527.3 57.8 86.6#

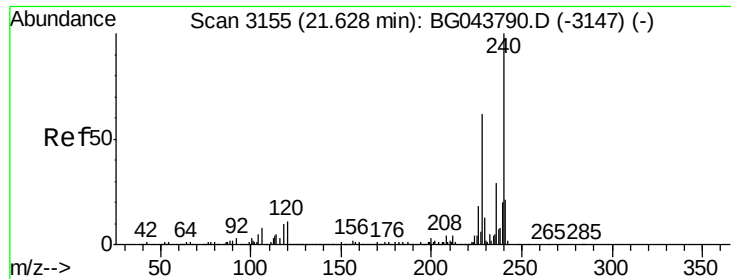


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

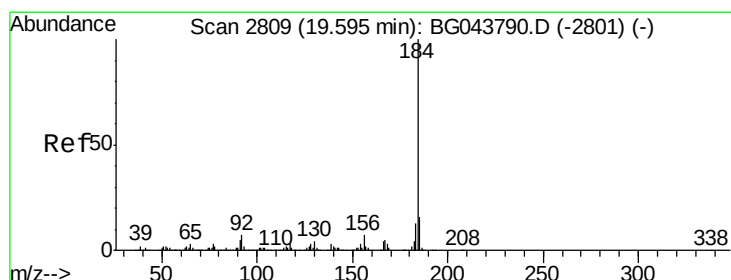
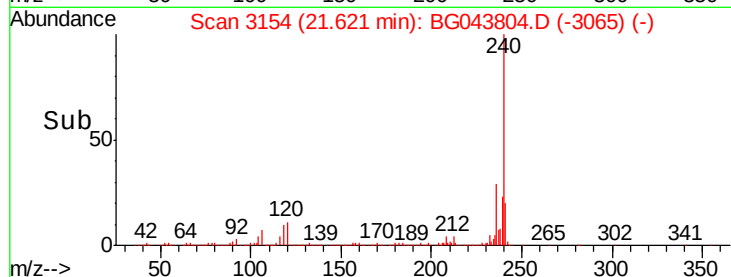
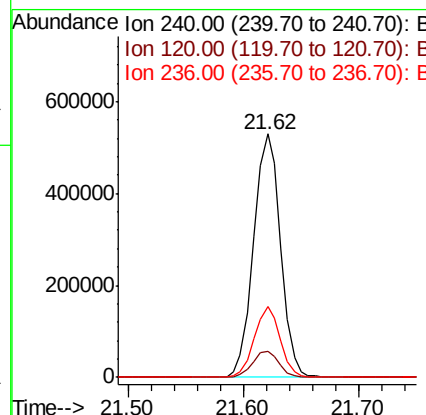
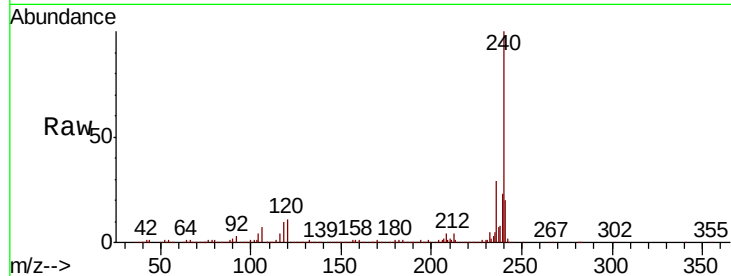




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG043804.D
Acq: 11 Dec 2019 20:46

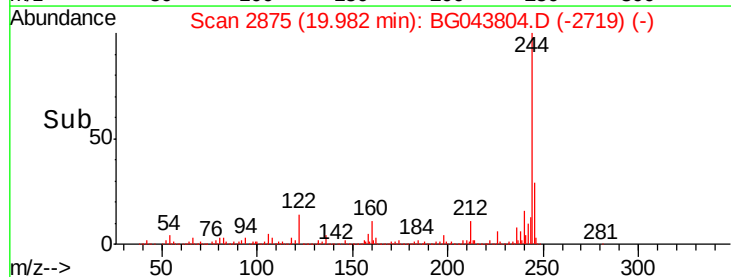
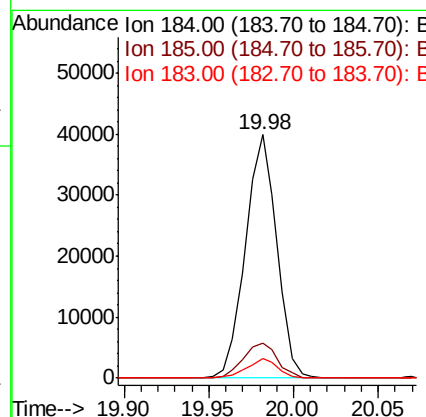
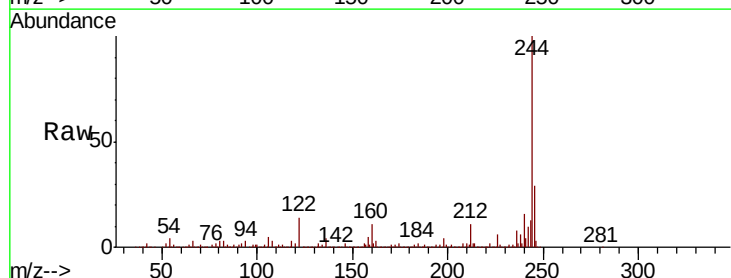
Instrument :
BNA_G
ClientSampleId :
K165-WC-2

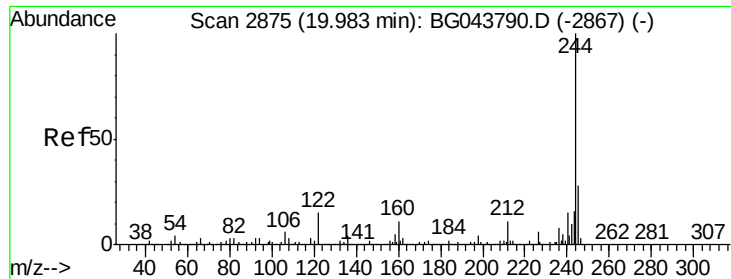
Tot Ion:240 Resp: 861030
Ion Ratio Lower Upper
240 100
120 10.8 8.6 12.8
236 28.9 23.1 34.7



#77
Benzidine
Concen: 2.745 ng
RT: 19.98 min Scan# 2875
Delta R.T. 0.39 min
Lab File: BG043804.D
Acq: 11 Dec 2019 20:46

Tgt Ion:184 Resp: 51571
Ion Ratio Lower Upper
184 100
185 14.3 12.9 19.3
183 8.1 10.3 15.5#





#79

Terphenyl-d14

Concen: 70.094 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043804.D

Acq: 11 Dec 2019 20:46

Instrument :

BNA_G

ClientSampleId :

K165-WC-2

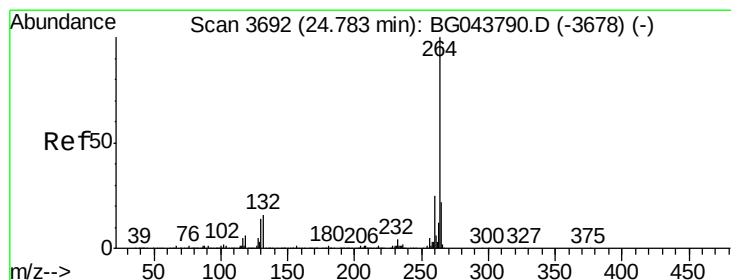
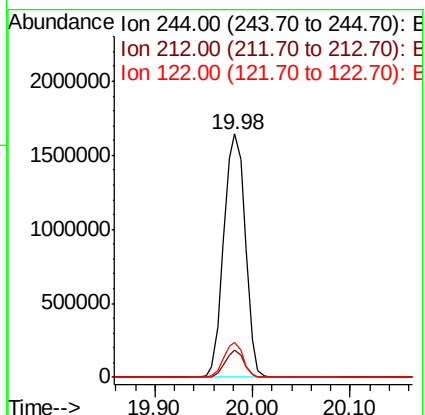
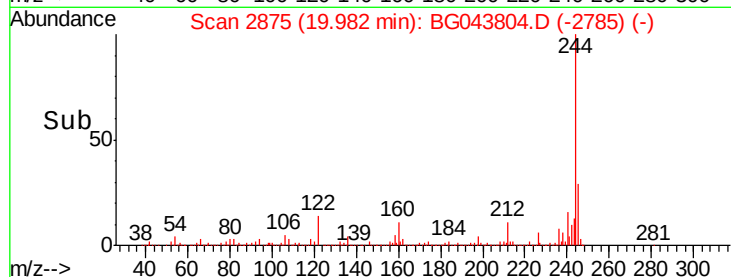
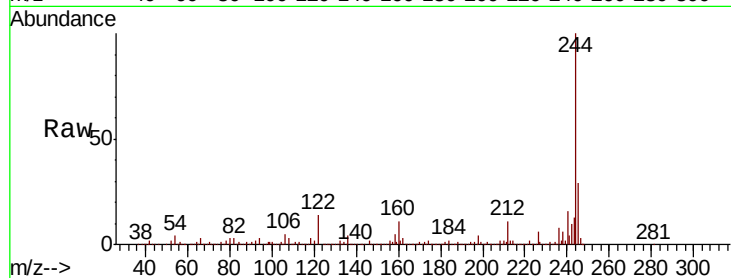
Tot Ion:244 Resp: 2508675

Ion Ratio Lower Upper

244 100

212 11.5 9.1 13.7

122 14.3 11.6 17.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG043804.D

Acq: 11 Dec 2019 20:46

Tgt Ion:264 Resp: 954097

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.8

265 22.4 17.9 26.9

