

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
 Data File : BG043818.D
 Acq On : 17 Dec 2019 13:51
 Operator : JU
 Sample : PB125466BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 17 15:16:24 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

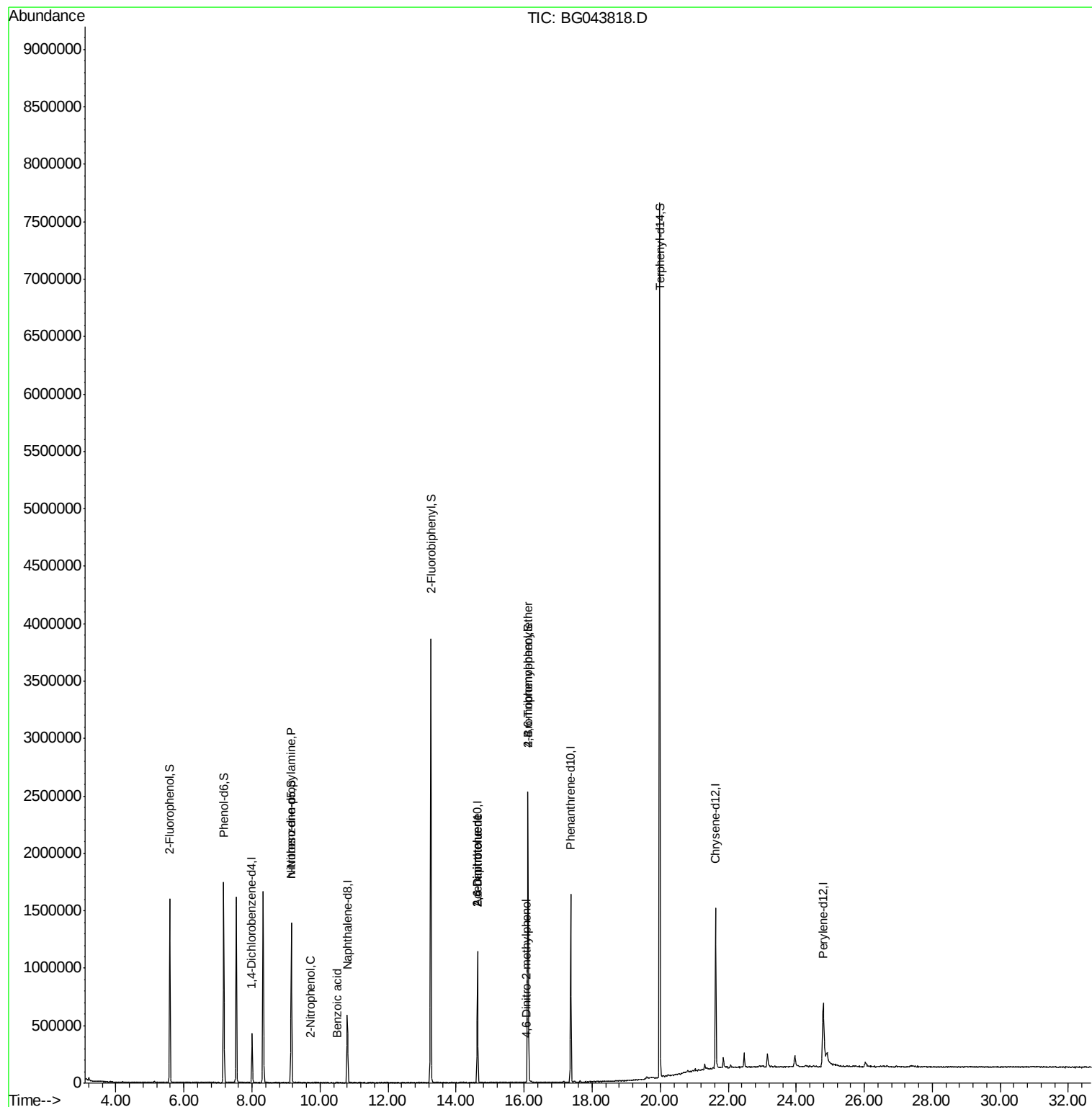
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	126416	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	543604	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	410309	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	1002124	20.00	ng	0.00
76) Chrysene-d12	21.62	240	870403	20.00	ng	0.00
87) Perylene-d12	24.80	264	794628	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	715919	107.30	ng	0.00
7) Phenol-d6	7.17	99	1050297	109.15	ng	0.00
23) Nitrobenzene-d5	9.16	82	873443	90.22	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	443264	113.32	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2049317	87.73	ng	0.00
79) Terphenyl-d14	19.99	244	3005866	83.08	ng	0.00
Target Compounds						
9) Benzaldehyde	7.16	77	2022	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	9.16	70	114706	15.593	ng	# 77
26) 2-Nitrophenol	9.73	139	92	8.367	ng	# 34
32) Benzoic acid	10.51	122	56	5.659	ng	# 1
51) 2,6-Dinitrotoluene	14.63	165	54064	8.566	ng	# 28
57) 2,4-Dinitrotoluene	14.63	165	54064	6.340	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.06	198	57	9.512	ng	# 1
67) 4-Bromophenyl-phenylether	16.11	248	34035	3.177	ng	# 1

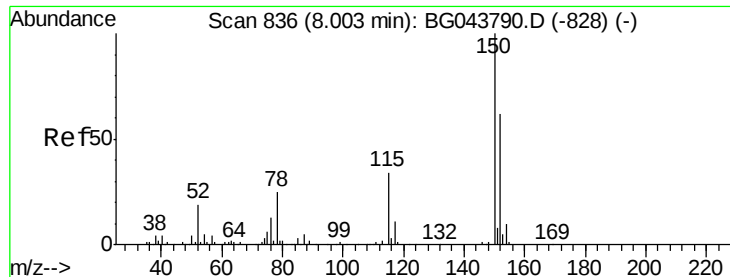
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
Data File : BG043818.D
Acq On : 17 Dec 2019 13:51
Operator : JU
Sample : PB125466BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 17 15:16:24 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



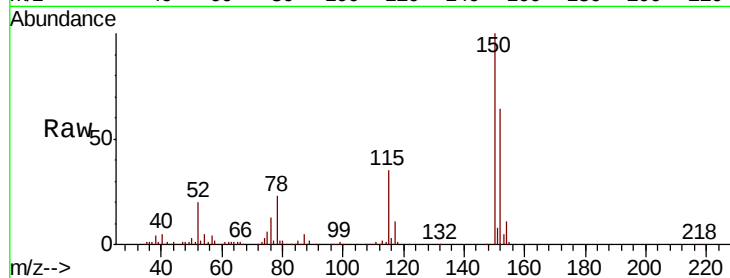


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	128.6	192.8
115	55.2	44.3	66.5

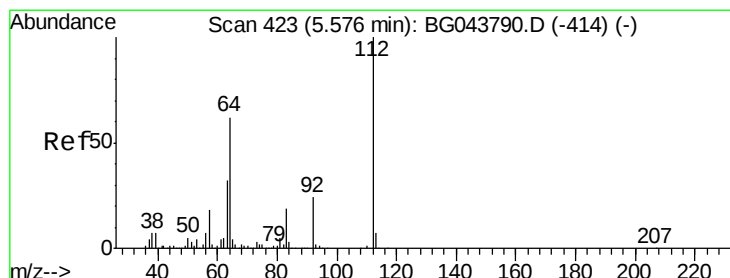
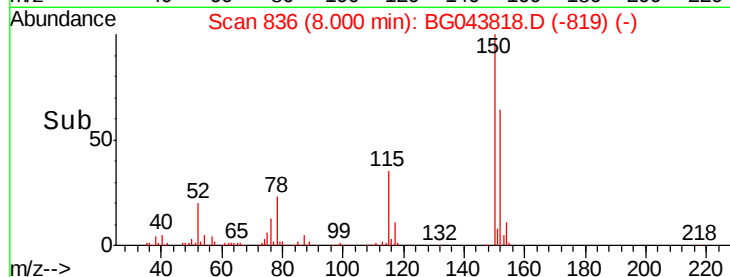
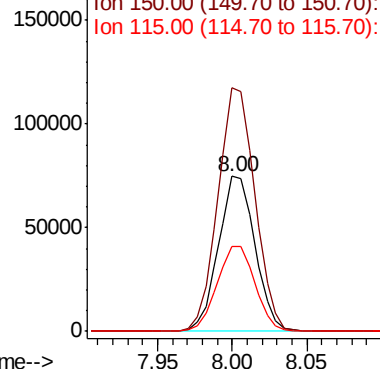


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

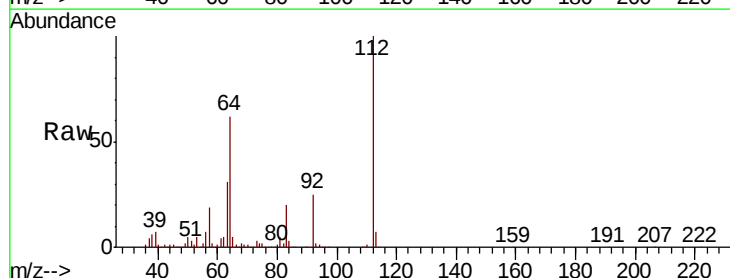
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.302 ng
RT: 5.58 min Scan# 425
Delta R.T. 0.01 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	49.9	74.9
63	31.2	26.0	39.0

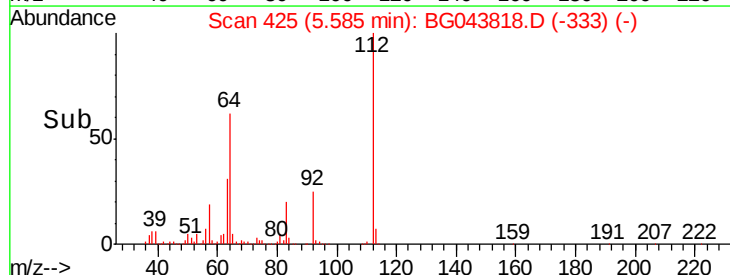
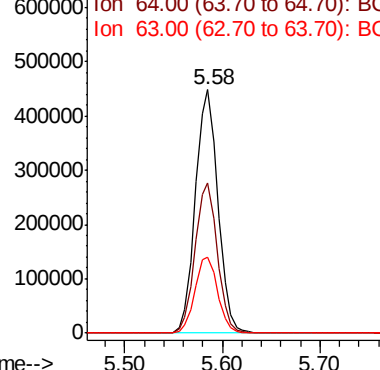


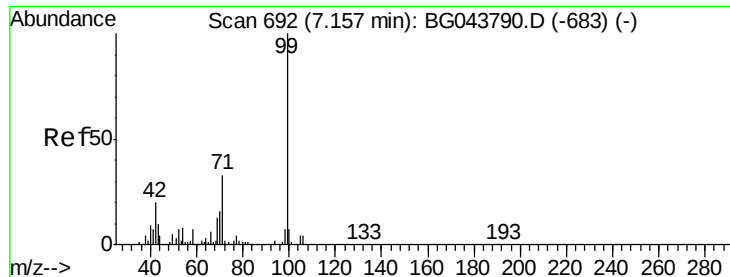
Abundance

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: 109.153 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG043818.D

Acq: 17 Dec 2019 13:51

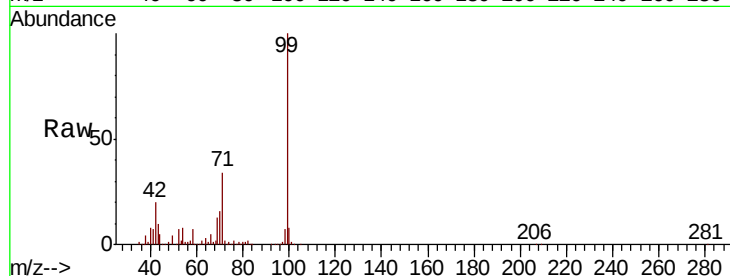
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1050297

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.2	24.2
71	34.0	26.6	40.0

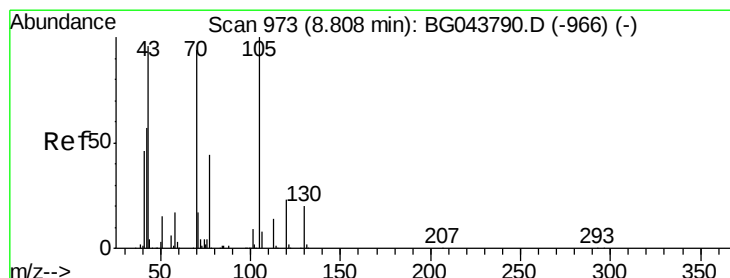
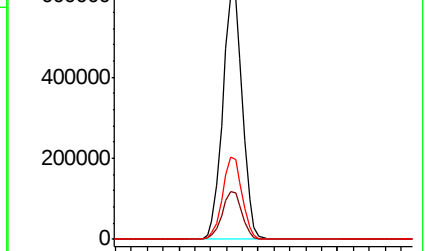
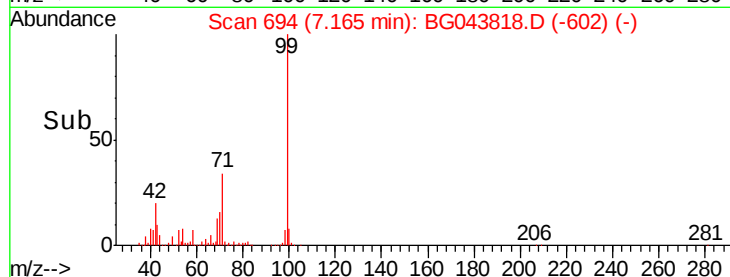


Abundance

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: 15.593 ng

RT: 9.16 min Scan# 1033

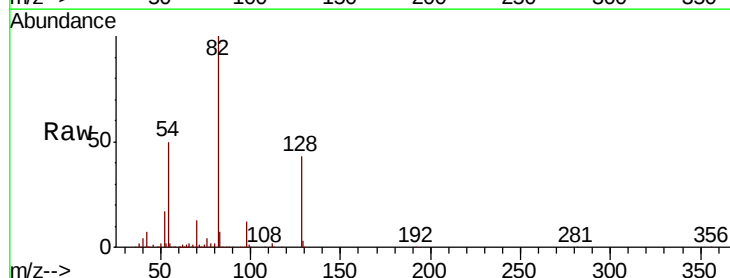
Delta R.T. 0.35 min

Lab File: BG043818.D

Acq: 17 Dec 2019 13:51

Tgt Ion: 70 Resp: 114706

Ion	Ratio	Lower	Upper
70	100		
42	48.7	49.2	73.8#
101	0.0	7.8	11.6#
130	2.5	17.0	25.6#



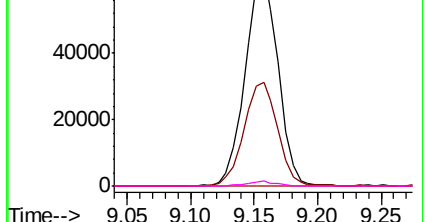
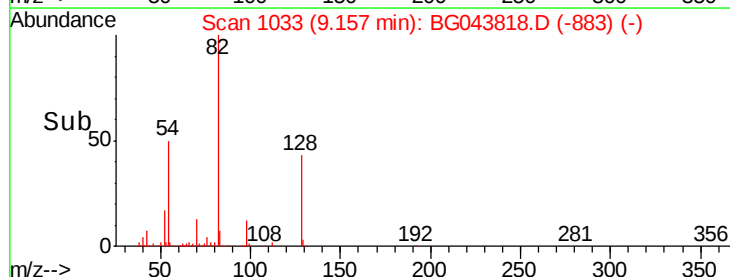
Abundance

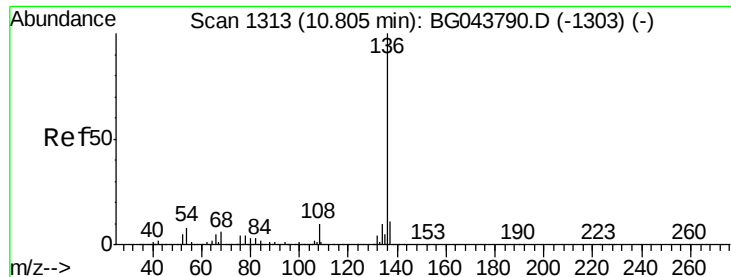
Ion 70.00 (69.70 to 70.70): BGC

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

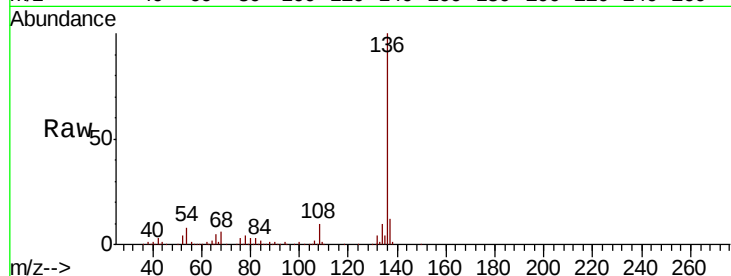




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	543604	
Ion Ratio	Lower	Upper	
136 100			
137 11.8	8.7	13.1	
54 8.1	6.8	10.2	
68 6.2	5.0	7.4	



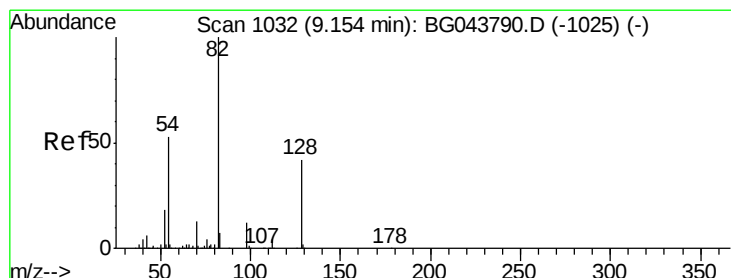
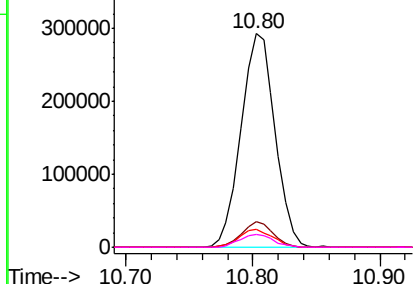
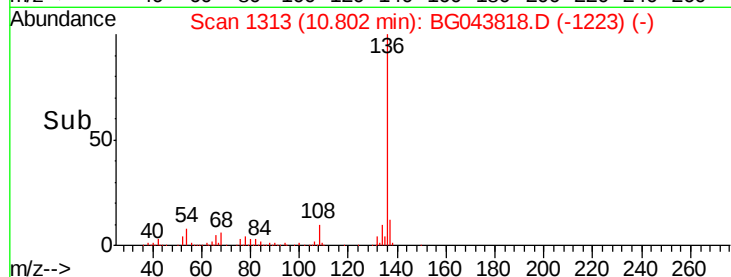
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

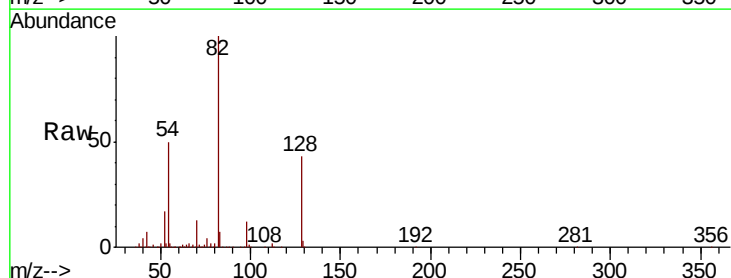
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 90.215 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

Tgt Ion: 82	Resp: 873443
Ion Ratio	Lower Upper
82 100	
128 43.1	33.6 50.4
54 50.2	42.1 63.1

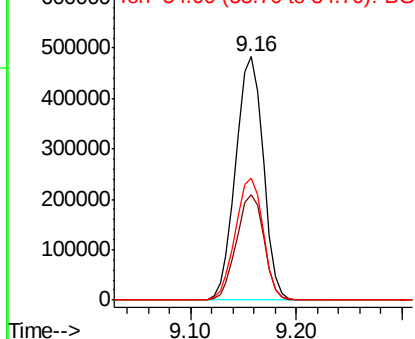
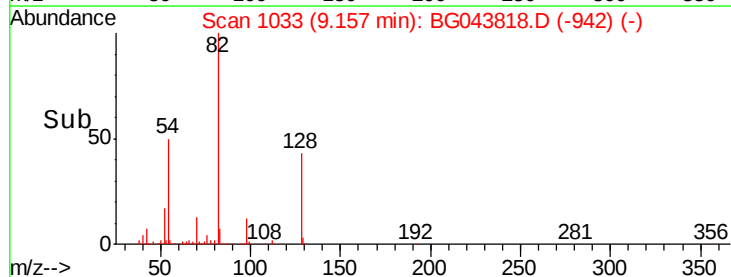


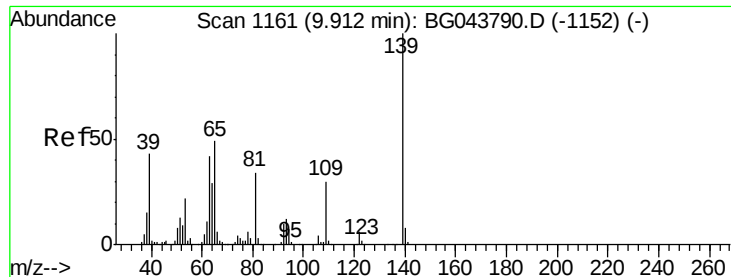
Abundance

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

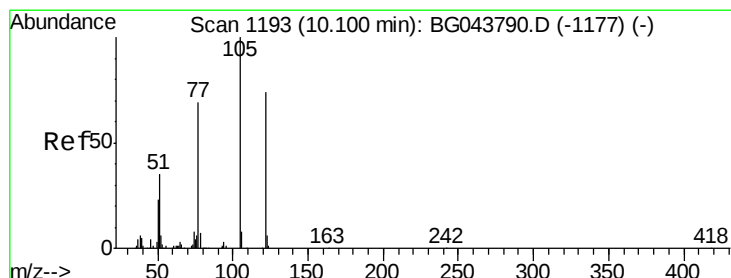
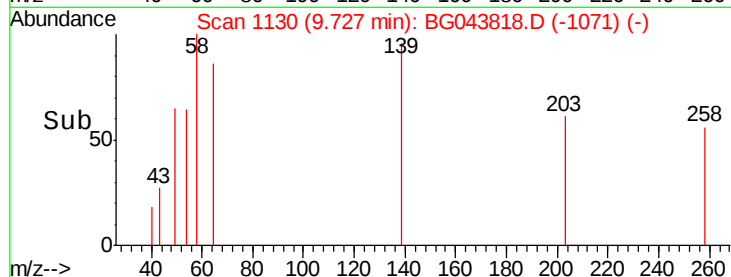
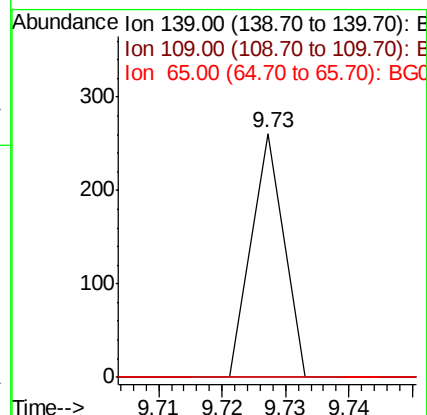
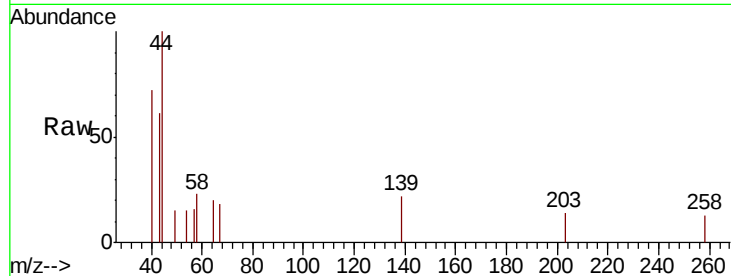




#26
2-Nitrophenol
Concen: 8.367 ng
RT: 9.73 min Scan# 1130
Delta R.T. -0.19 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

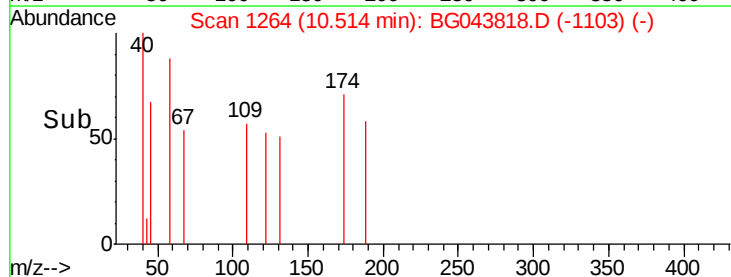
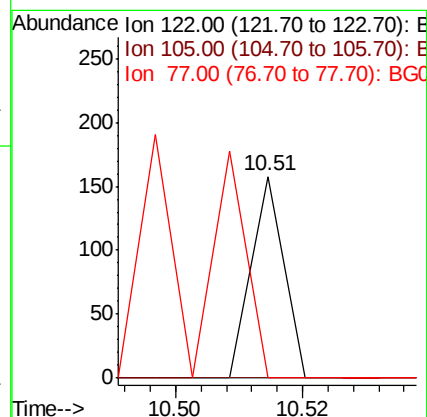
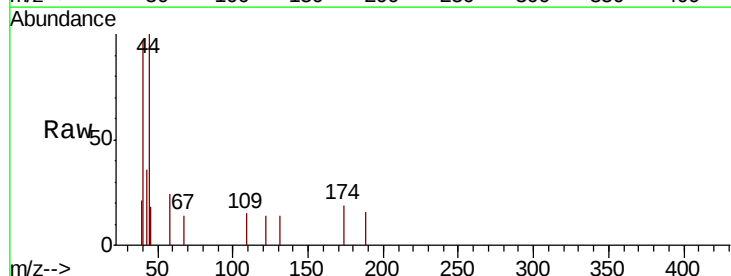
Instrument :
BNA_G
ClientSampleId :

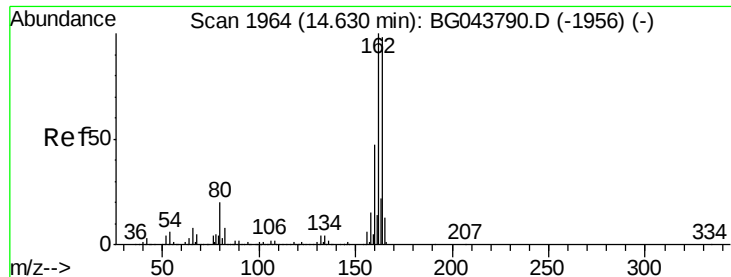
Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	23.9	35.9#
65	0.0	39.3	58.9#



#32
Benzoic acid
Concen: 5.659 ng
RT: 10.51 min Scan# 1264
Delta R.T. 0.41 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG043818.D

Acq: 17 Dec 2019 13:51

Instrument :

BNA_G

ClientSampleId :

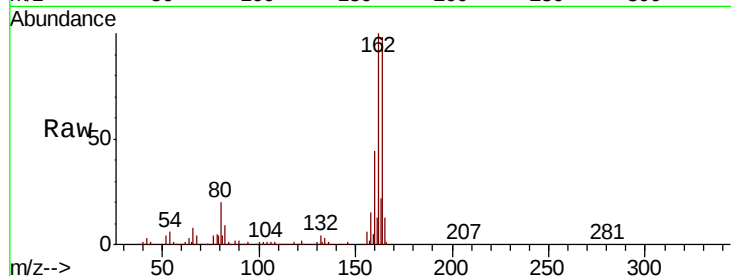
Tot Ion:164 Resp: 410309

Ion Ratio Lower Upper

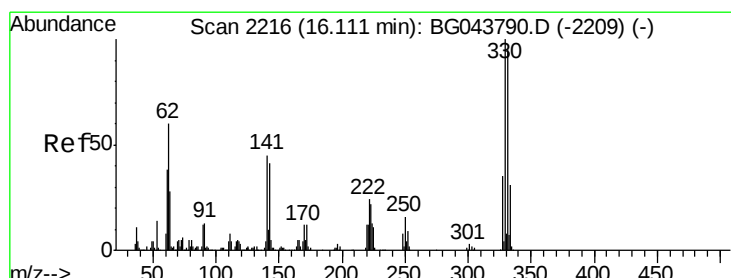
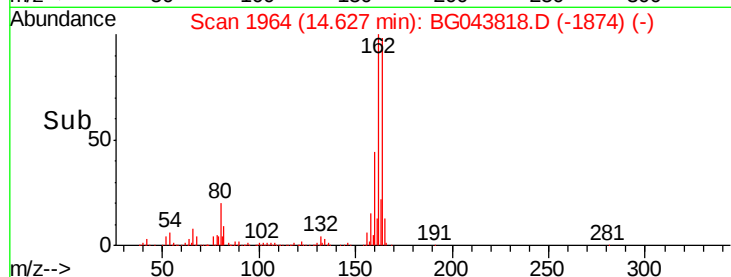
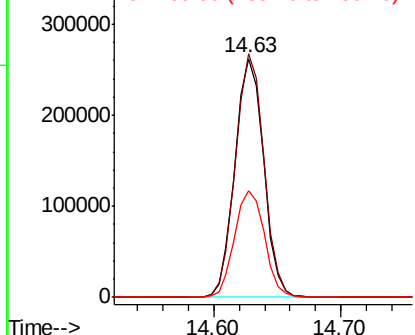
164 100

162 101.9 81.9 122.9

160 44.5 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: 113.318 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG043818.D

Acq: 17 Dec 2019 13:51

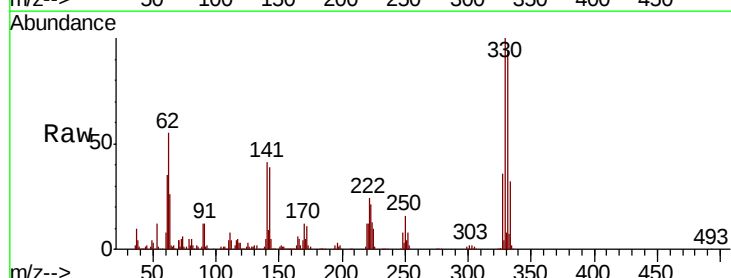
Tgt Ion:330 Resp: 443264

Ion Ratio Lower Upper

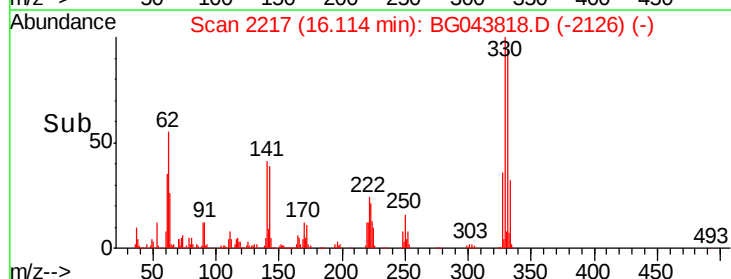
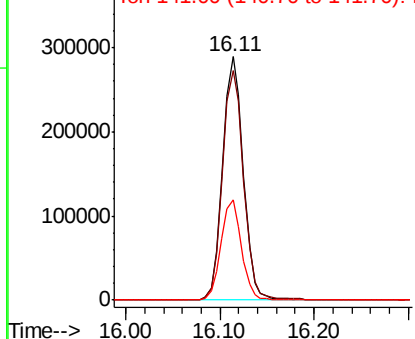
330 100

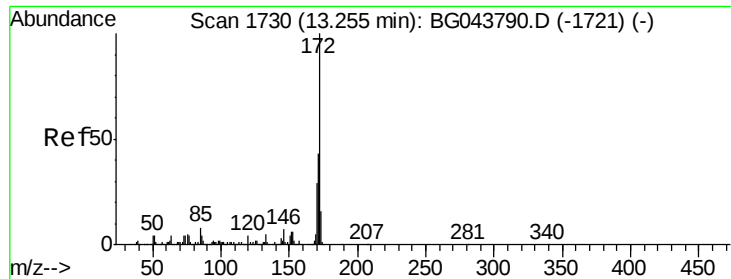
332 96.0 76.9 115.3

141 41.2 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

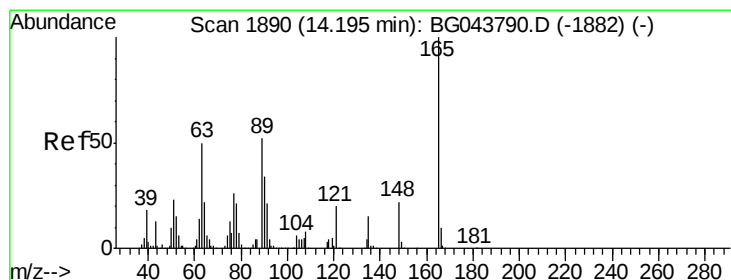
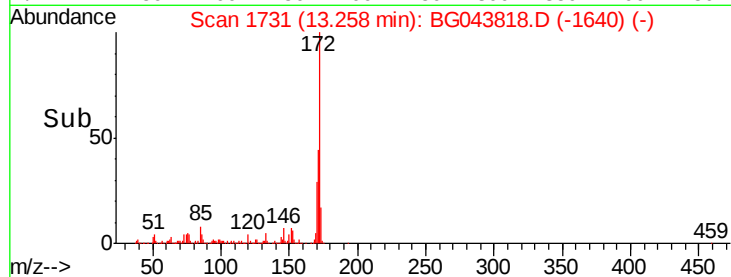
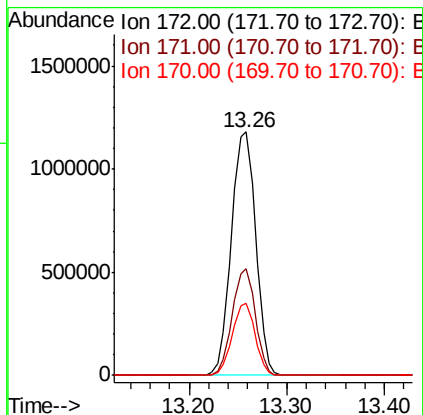
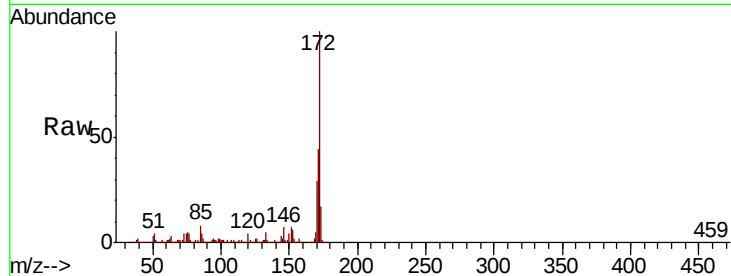




#45
 2-Fluorobiphenyl
 Concen: 87.733 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG043818.D
 Acq: 17 Dec 2019 13:51

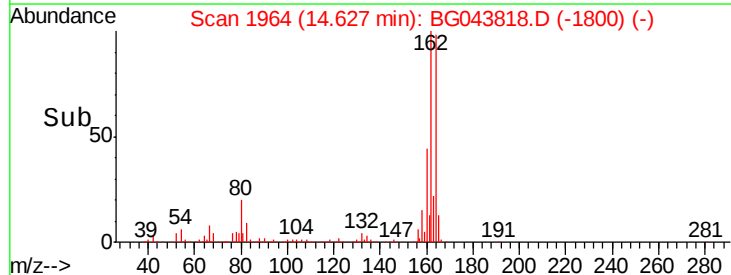
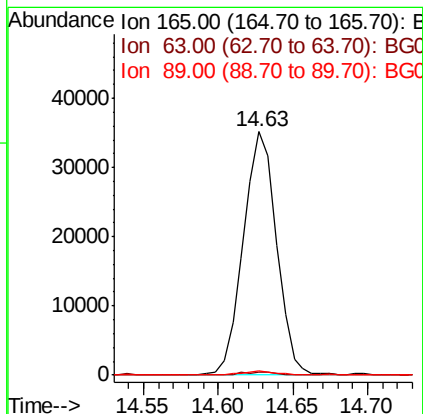
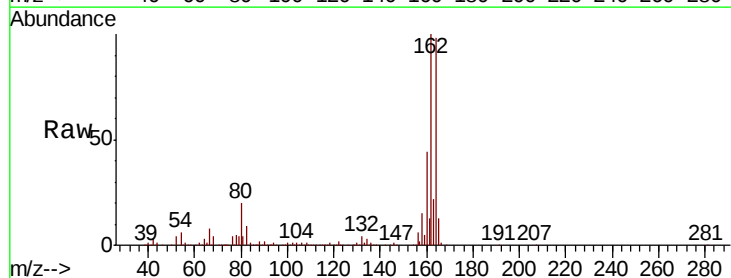
Instrument :
 BNA_G
 ClientSampleId :

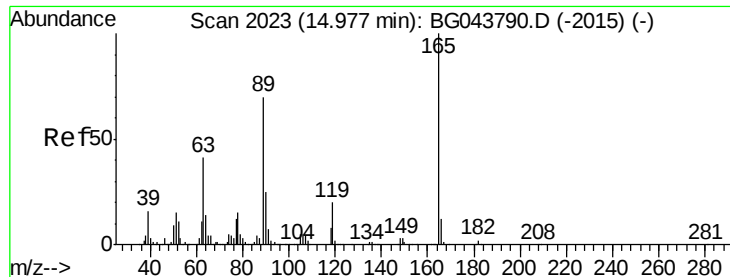
Tot Ion:172 Resp: 2049317
 Ion Ratio Lower Upper
 172 100
 171 43.6 34.6 51.8
 170 29.4 23.3 34.9



#51
 2,6-Dinitrotoluene
 Concen: 8.566 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. 0.43 min
 Lab File: BG043818.D
 Acq: 17 Dec 2019 13:51

Tgt Ion:165 Resp: 54064
 Ion Ratio Lower Upper
 165 100
 63 1.0 40.3 60.5#
 89 1.6 41.8 62.8#

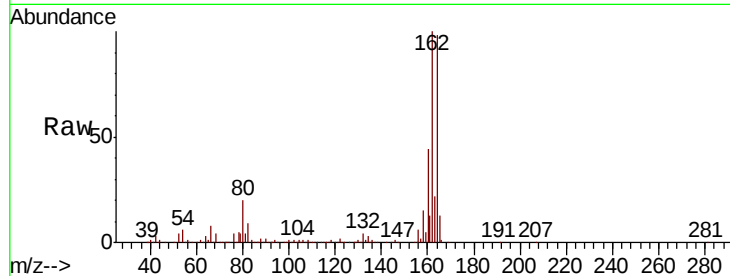




#57
 2,4-Dinitrotoluene
 Concen: 6.340 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.35 min
 Lab File: BG043818.D
 Acq: 17 Dec 2019 13:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.7	49.1#
89	1.6	56.1	84.1#
182	0.0	2.0	3.0#



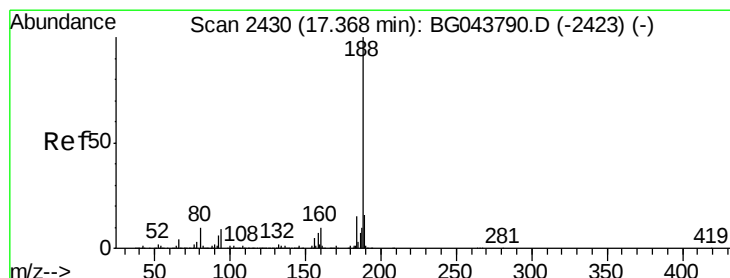
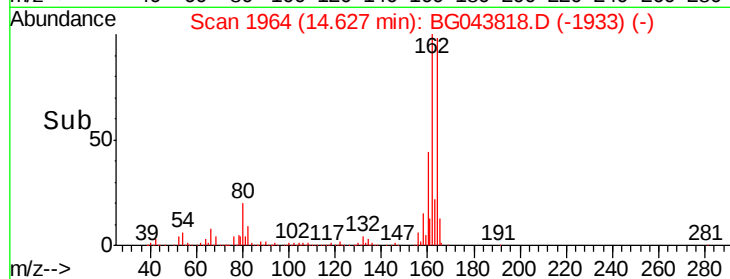
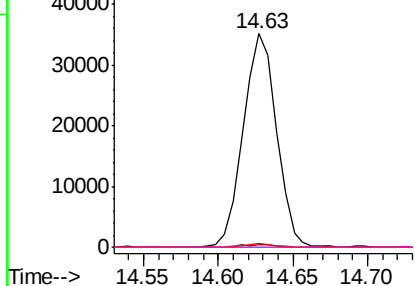
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

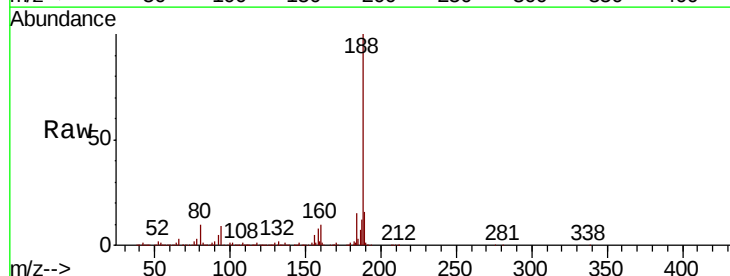
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: BG043818.D
 Acq: 17 Dec 2019 13:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.9	10.3
80	10.0	7.8	11.8

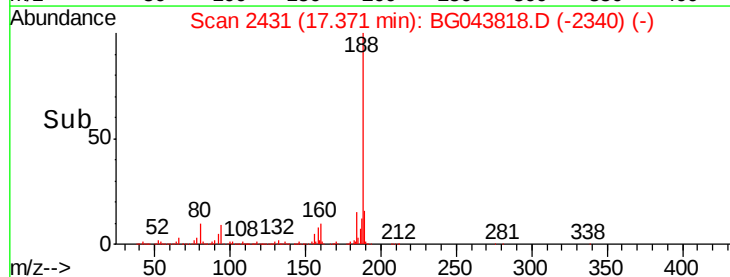
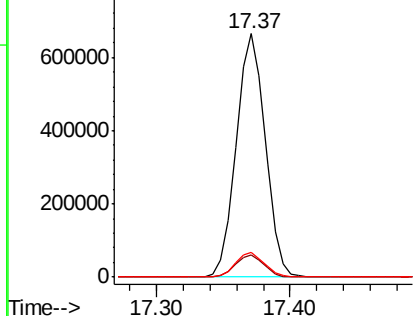


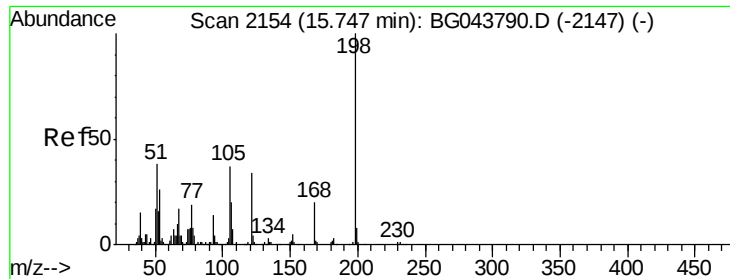
Abundance

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: 9.512 ng

RT: 16.06 min Scan# 2207

Delta R.T. 0.31 min

Lab File: BG043818.D

Acq: 17 Dec 2019 13:51

Instrument :

BNA_G

ClientSampled :

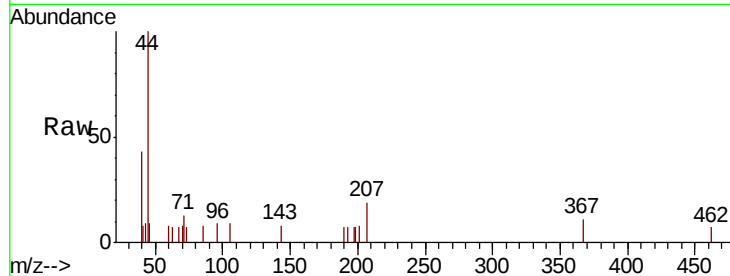
Tot Ion:198 Resp: 57

Ion Ratio Lower Upper

198 100

51 0.0 18.9 58.9#

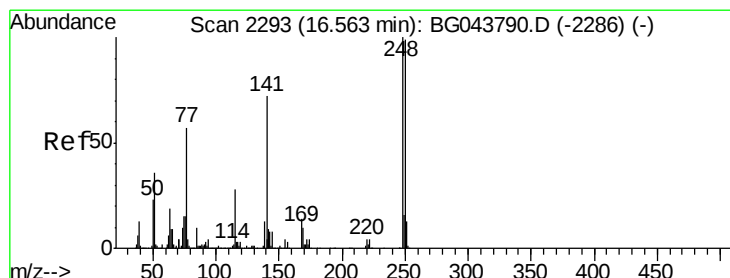
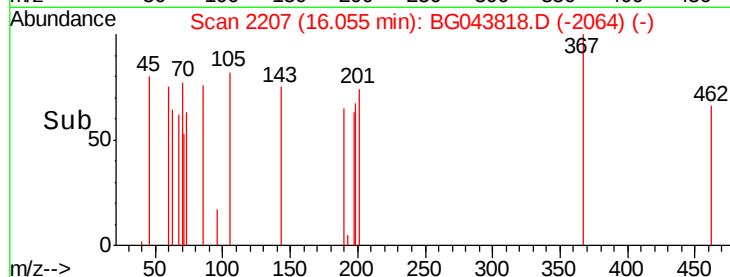
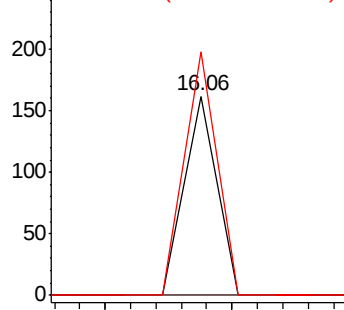
105 122.2 18.1 58.1#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 3.177 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.45 min

Lab File: BG043818.D

Acq: 17 Dec 2019 13:51

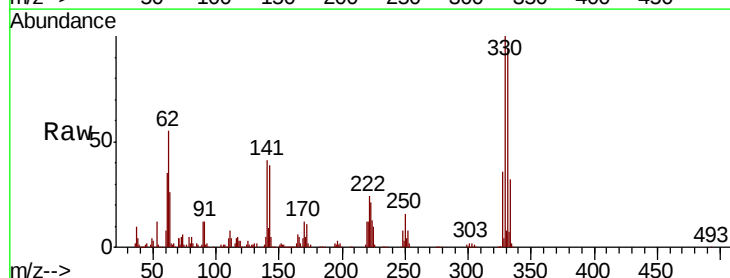
Tgt Ion:248 Resp: 34035

Ion Ratio Lower Upper

248 100

250 211.1 79.0 118.6#

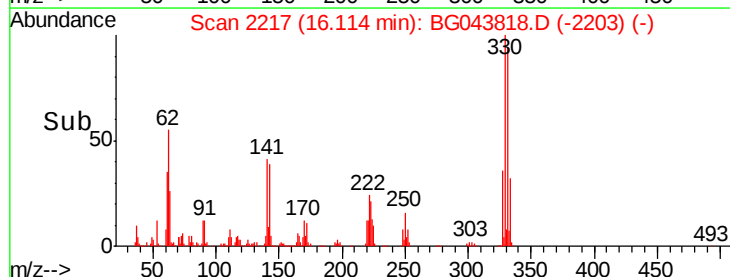
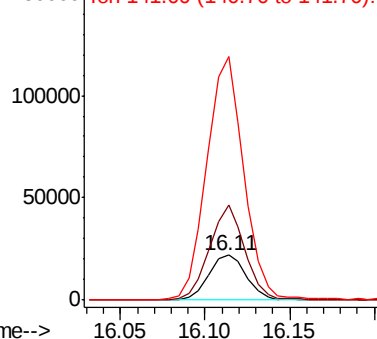
141 542.4 57.8 86.6#

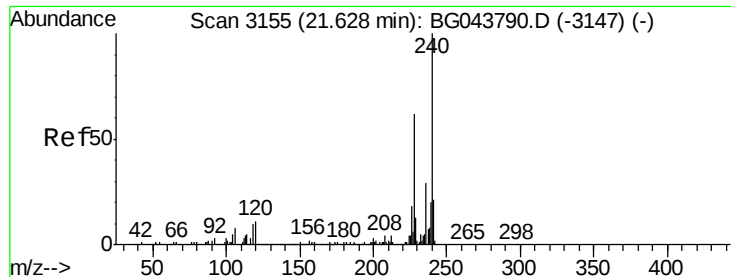


Abundance Ion 248.00 (247.70 to 248.70): E

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# 3155

Delta R.T. -0.00 min

Lab File: BG043818.D

Acq: 17 Dec 2019 13:51

Instrument :

BNA_G

ClientSampleId :

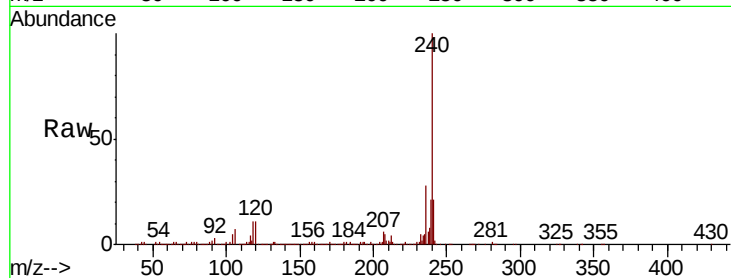
Tot Ion:240 Resp: 870403

Ion Ratio Lower Upper

240 100

120 10.9 8.6 12.8

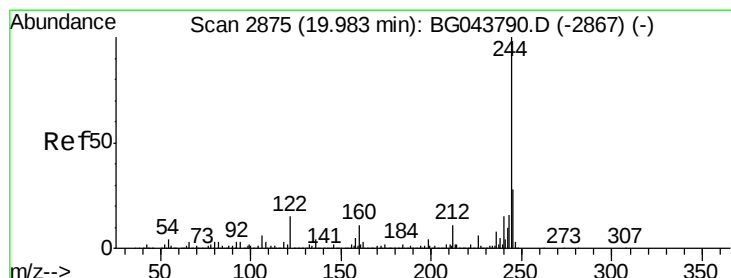
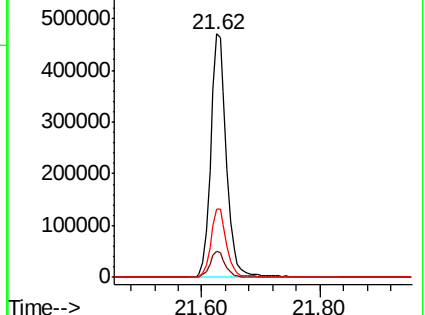
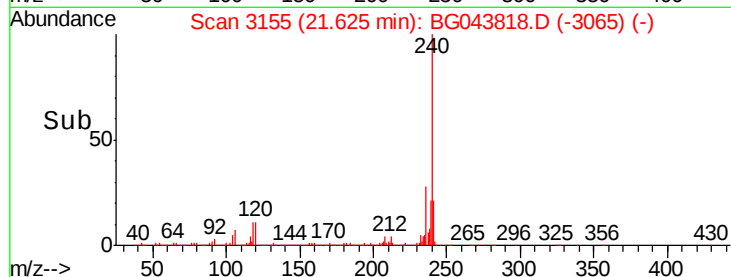
236 28.1 23.1 34.7



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



#79

Terphenyl-d14

Concen: 83.082 ng

RT: 19.99 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG043818.D

Acq: 17 Dec 2019 13:51

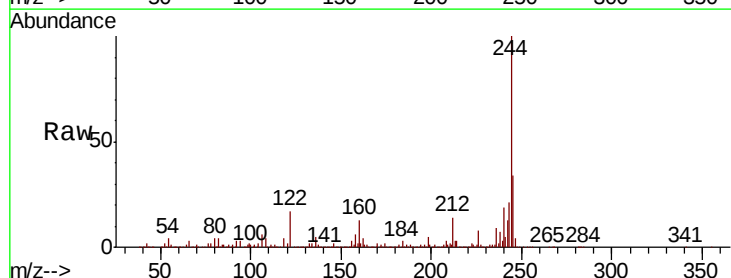
Tgt Ion:244 Resp: 3005866

Ion Ratio Lower Upper

244 100

212 13.7 9.1 13.7#

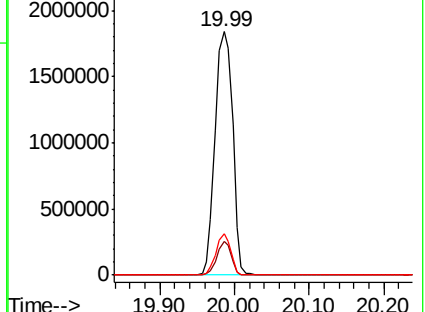
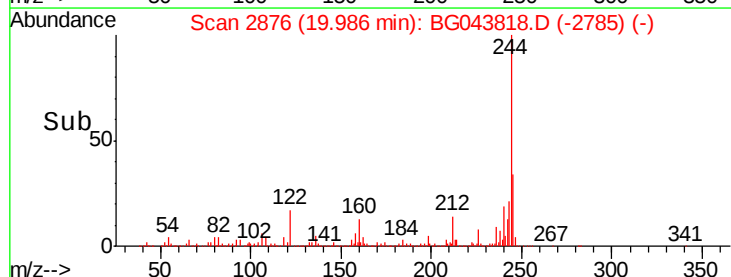
122 17.1 11.6 17.4

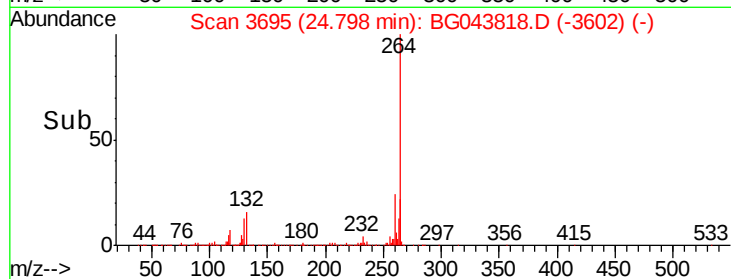
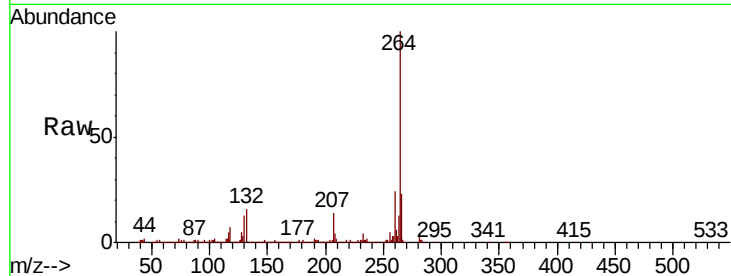
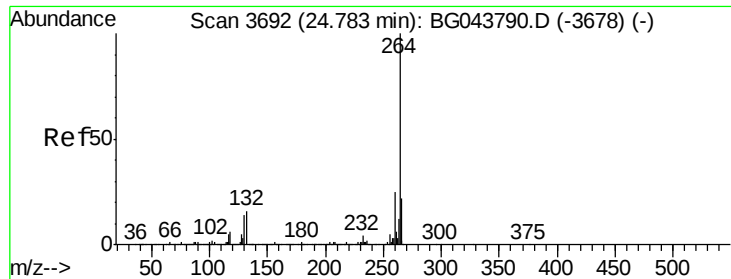


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.80 min Scan# 3695
Delta R.T. 0.01 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	22.7	17.9	26.9

