

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
 Data File : BG040714.D
 Acq On : 2 May 2019 19:38
 Operator : JU/SJ
 Sample : K2204-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019

Quant Time: May 03 04:23:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

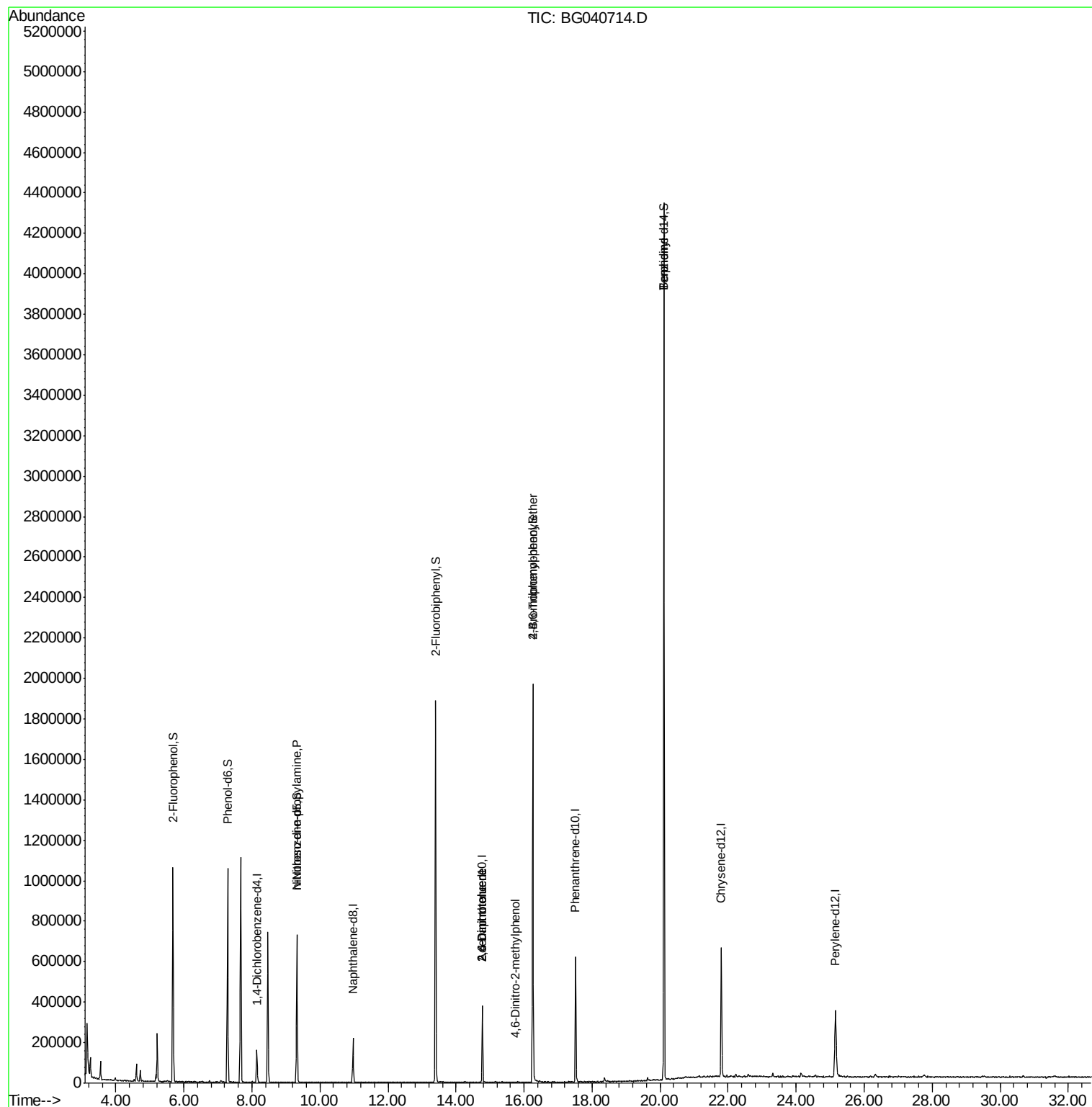
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	41976	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	170095	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	126911	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	379190	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	395743	20.00	ng	-0.03
87) Perylene-d12	25.15	264	384916	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	384509	161.47	ng	0.00
7) Phenol-d6	7.29	99	513376	140.02	ng	0.00
23) Nitrobenzene-d5	9.32	82	427592	116.16	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	354764	203.37	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	910981	103.67	ng	-0.02
79) Terphenyl-d14	20.11	244	1963576	109.92	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.28	77	1043	Below Cal		Qvalue # 6
19) n-Nitroso-di-n-propylamine	9.32	70	62083	18.810	ng	# 74
51) 2,6-Dinitrotoluene	14.78	165	17985	8.678	ng	# 15
57) 2,4-Dinitrotoluene	14.78	165	17985	6.387	ng	# 17
65) 4,6-Dinitro-2-methylphenol	15.74	198	54	7.126	ng	# 28
67) 4-Bromophenyl-phenylether	16.26	248	26194	5.545	ng	# 1
77) Benizidine	20.11	184	37527	3.463	ng	# 90

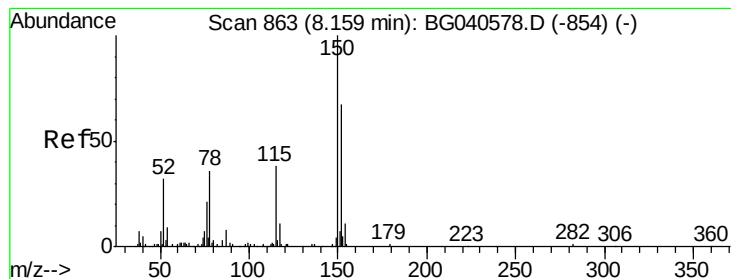
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
Data File : BG040714.D
Acq On : 2 May 2019 19:38
Operator : JU/SJ
Sample : K2204-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-043019

Quant Time: May 03 04:23:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

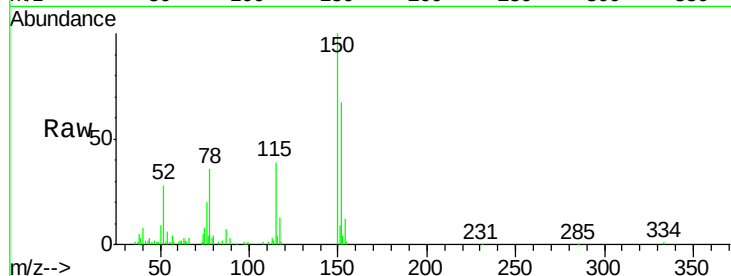




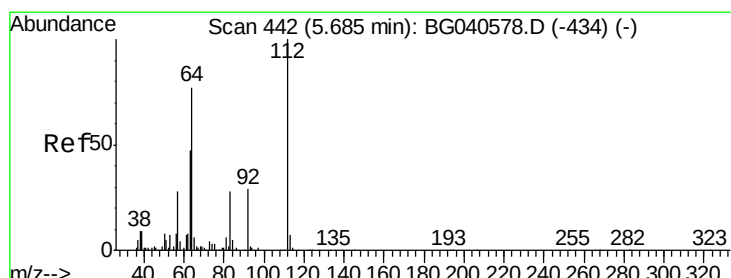
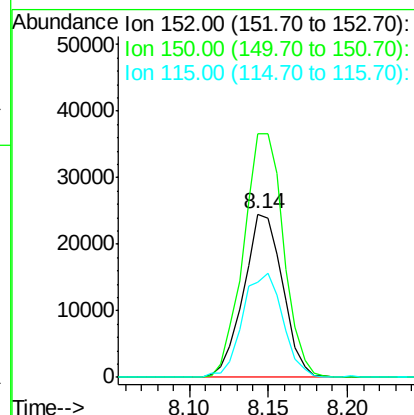
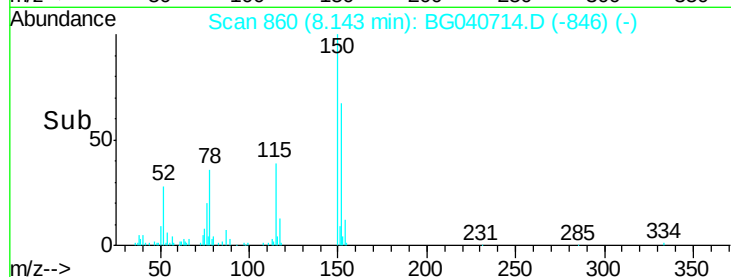
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: BG040714.D
 Acq: 2 May 2019 19:38

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019

Tot Ion:152 Resp: 41976
 Ion Ratio Lower Upper
 152 100
 150 148.8 120.2 180.2
 115 58.4 46.2 69.2

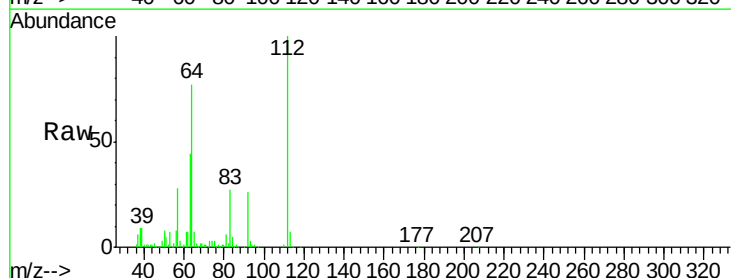


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

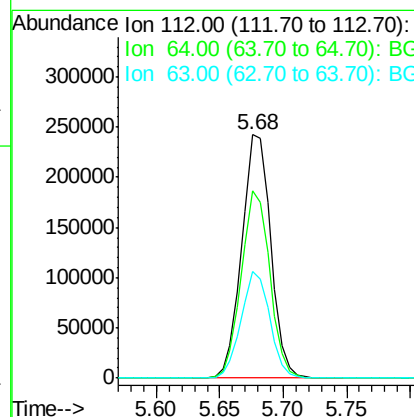
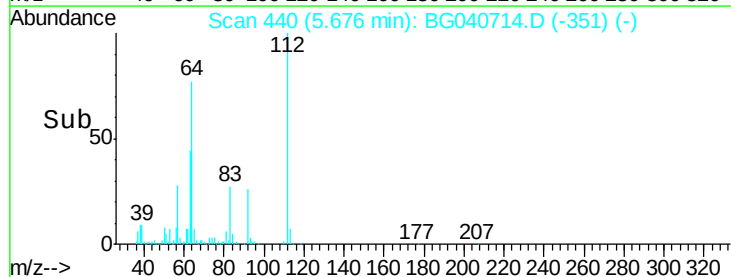


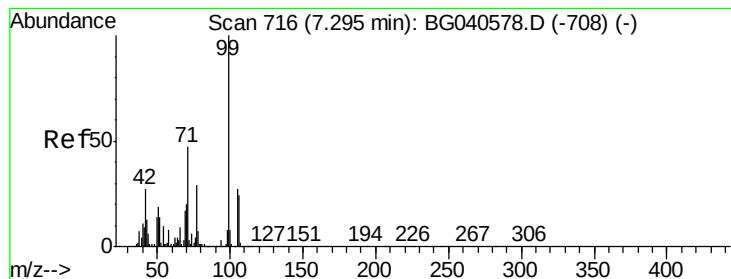
#5
 2-Fluorophenol
 Concen: 161.473 ng
 RT: 5.68 min Scan# 440
 Delta R.T. -0.01 min
 Lab File: BG040714.D
 Acq: 2 May 2019 19:38

Tgt Ion:112 Resp: 384509
 Ion Ratio Lower Upper
 112 100
 64 76.8 61.4 92.0
 63 43.7 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 140.019 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040714.D

Acq: 2 May 2019 19:38

Instrument :

BNA_G

ClientSampleId :

TR-04-043019

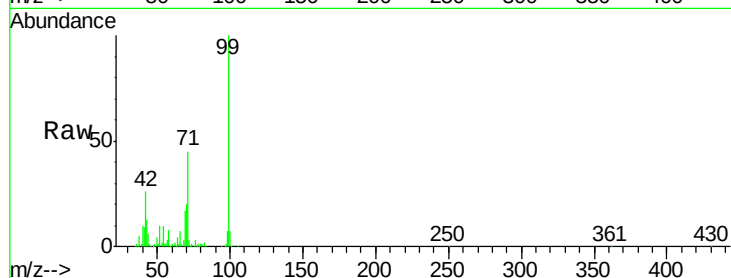
Tot Ion: 99 Resp: 513376

Ion Ratio Lower Upper

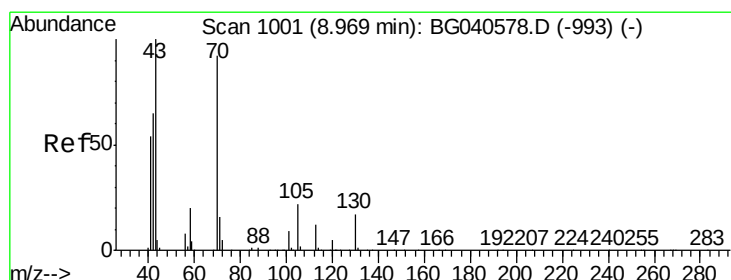
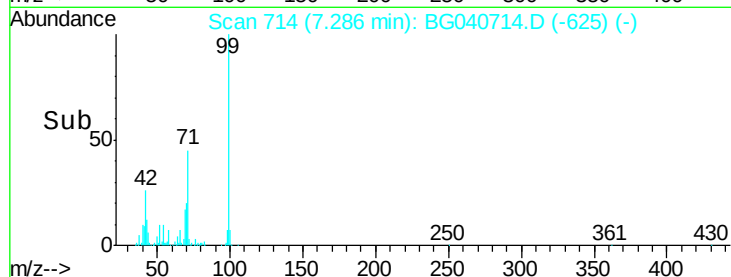
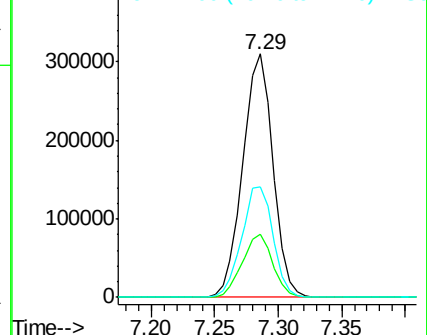
99 100

42 25.8 21.8 32.8

71 45.4 38.6 57.8



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: 18.810 ng

RT: 9.32 min Scan# 1061

Delta R.T. 0.35 min

Lab File: BG040714.D

Acq: 2 May 2019 19:38

Tgt Ion: 70 Resp: 62083

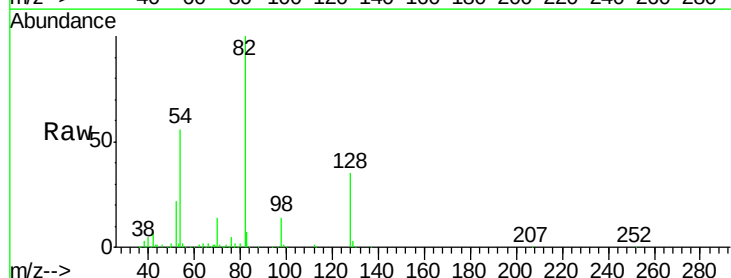
Ion Ratio Lower Upper

70 100

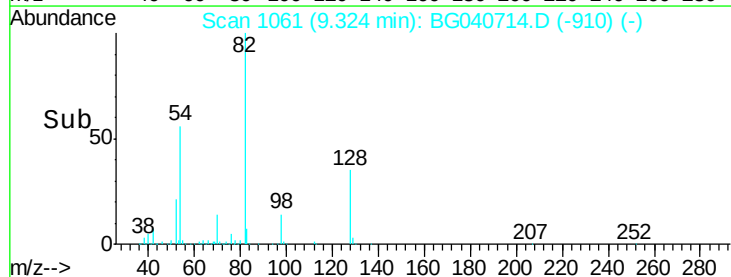
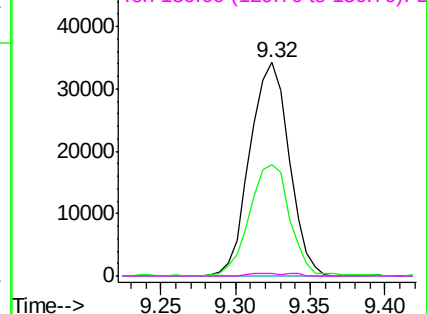
42 52.4 57.1 85.7#

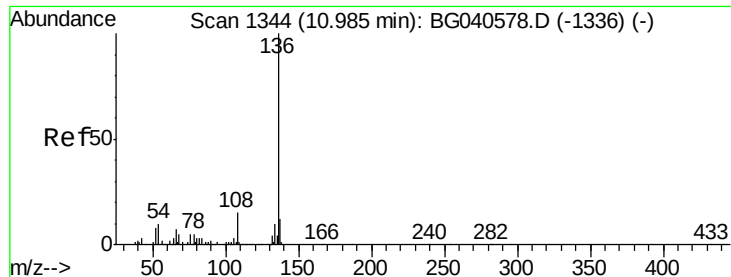
101 0.0 7.8 11.8#

130 1.5 14.6 21.8#



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

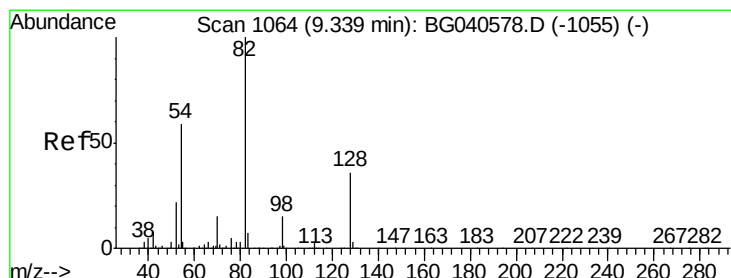
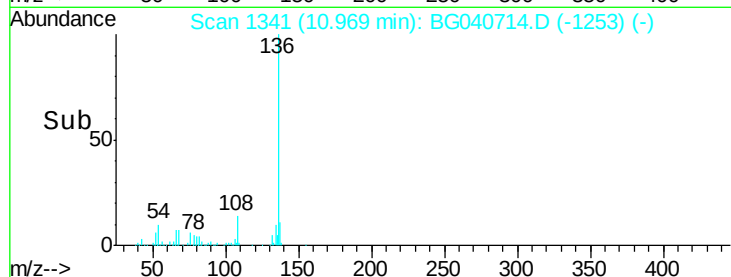
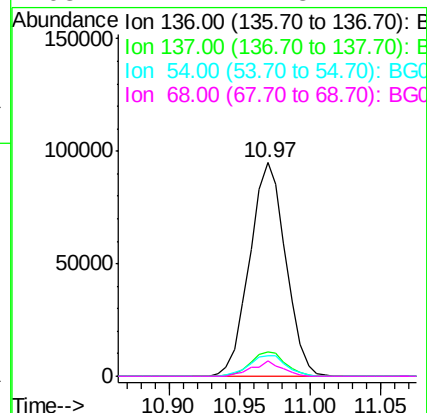
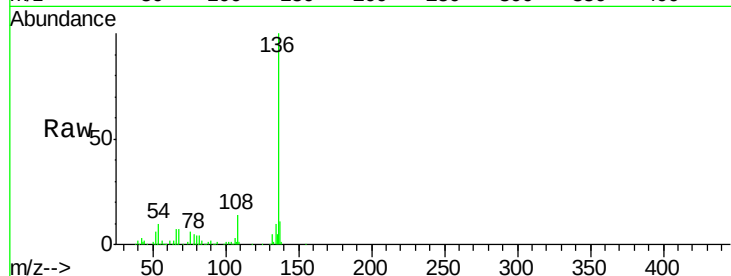




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040714.D
Acq: 2 May 2019 19:38

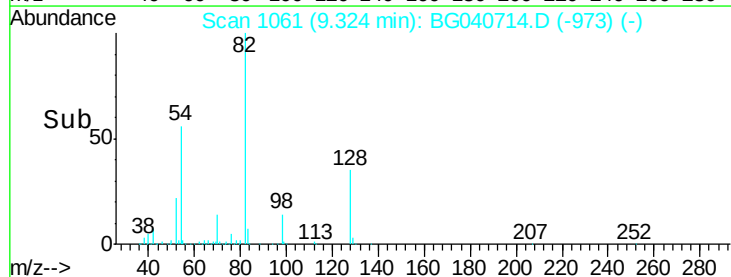
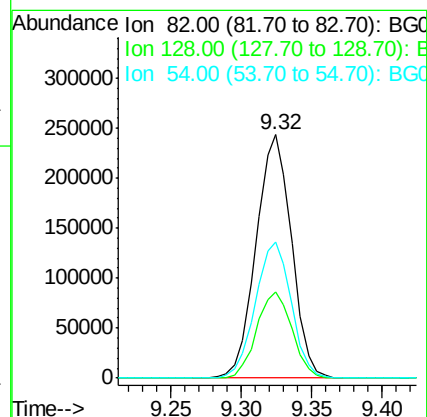
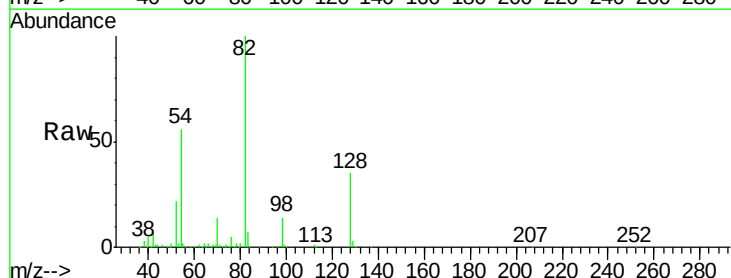
Instrument :
BNA_G
ClientSampleId :
TR-04-043019

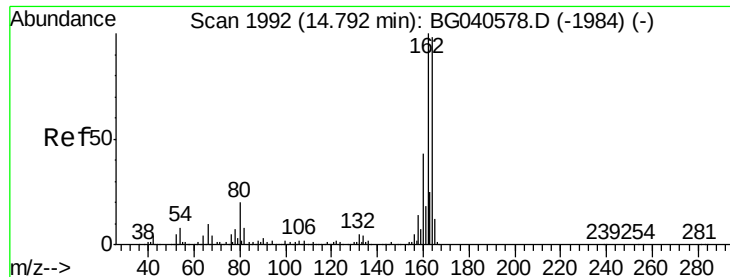
Tot Ion:136	Resp:	170095	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.7	14.5	
54 9.7	8.6	12.8	
68 7.1	4.8	7.2	



#23
Nitrobenzene-d5
Concen: 116.155 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040714.D
Acq: 2 May 2019 19:38

Tgt	Ion: 82	Resp:	427592
Ion	Ratio	Lower	Upper
82	100		
128	35.3	28.9	43.3
54	56.2	47.2	70.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040714.D

Acq: 2 May 2019 19:38

Instrument :

BNA_G

ClientSampleId :

TR-04-043019

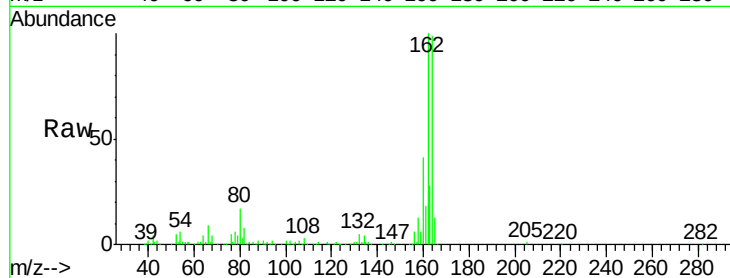
Tot Ion:164 Resp: 126911

Ion Ratio Lower Upper

164 100

162 100.9 81.9 122.9

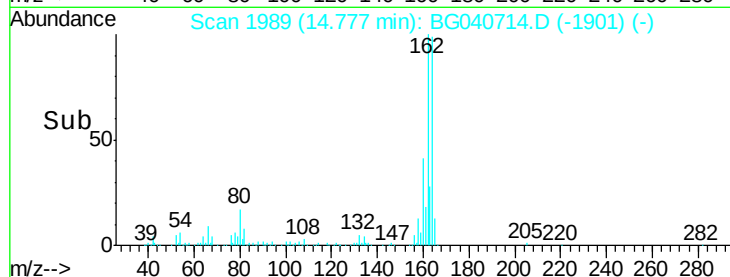
160 41.2 35.4 53.2



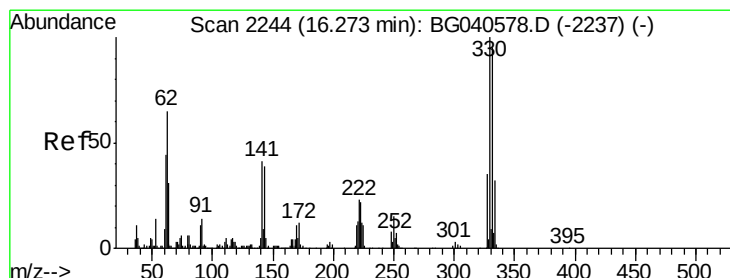
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#42

2,4,6-Tribromophenol

Concen: 203.371 ng

RT: 16.26 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040714.D

Acq: 2 May 2019 19:38

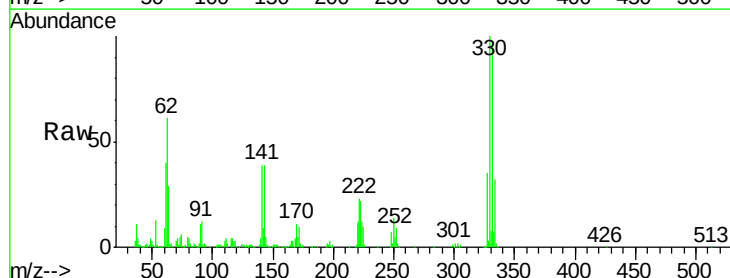
Tgt Ion:330 Resp: 354764

Ion Ratio Lower Upper

330 100

332 96.2 75.9 113.9

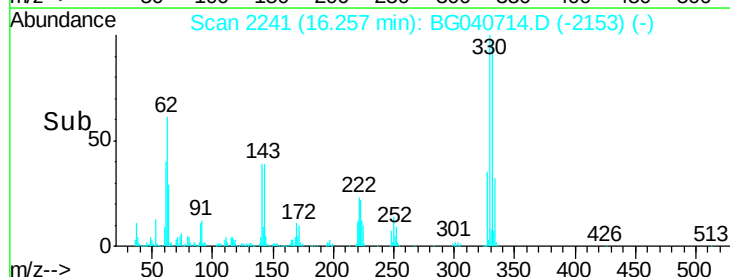
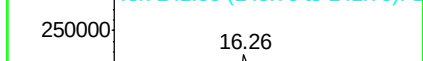
141 38.7 32.4 48.6



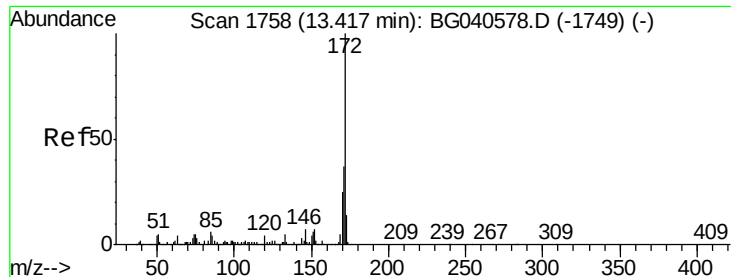
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



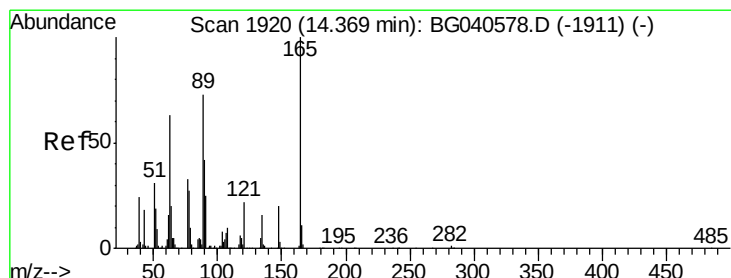
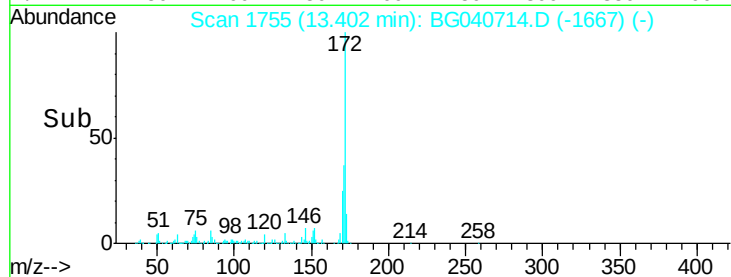
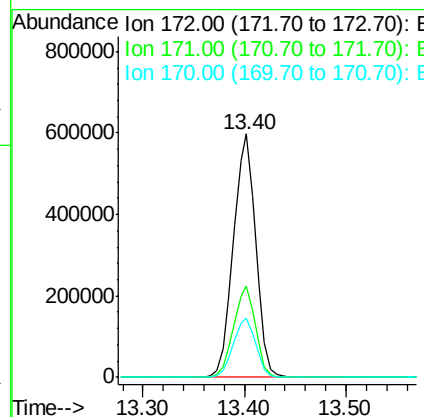
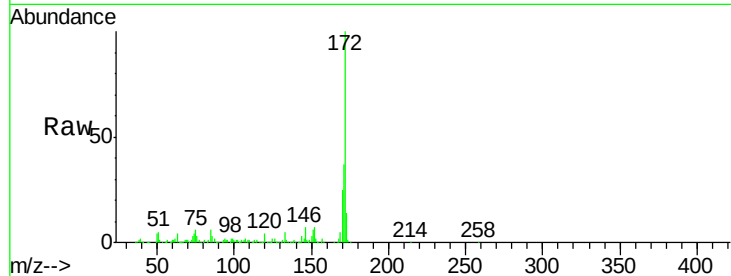
Time-->



#45
 2-Fluorobiphenyl
 Concen: 103.666 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG040714.D
 Acq: 2 May 2019 19:38

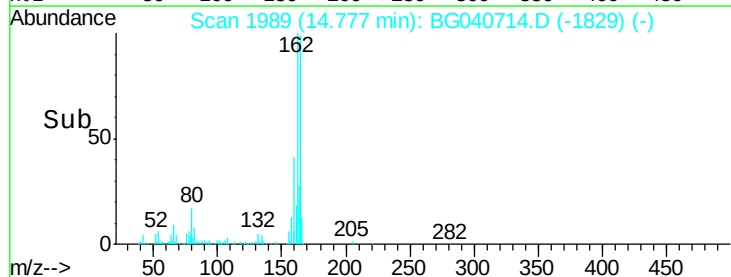
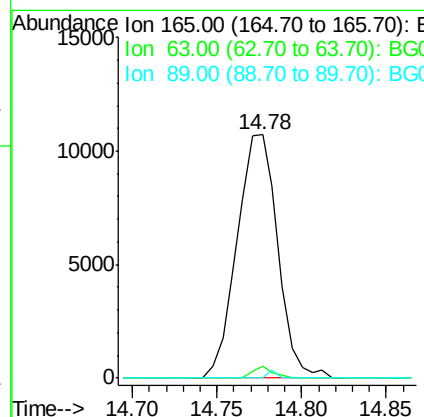
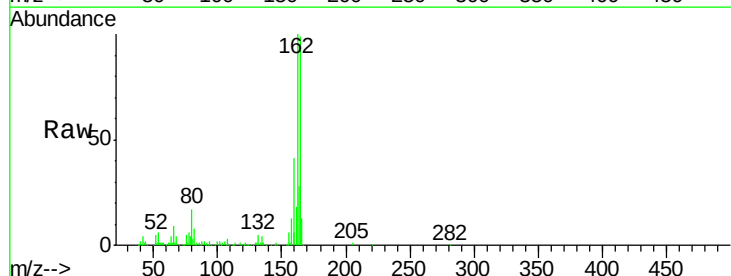
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019

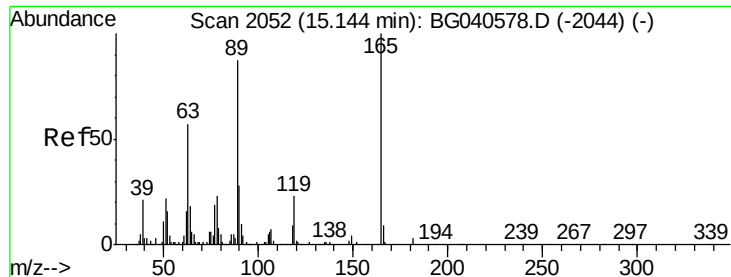
Tot Ion:172	Resp:	910981
Ion	Ratio	Lower Upper
172	100	
171	37.5	29.4 44.2
170	24.6	19.9 29.9



#51
 2,6-Dinitrotoluene
 Concen: 8.678 ng
 RT: 14.78 min Scan# 1989
 Delta R.T. 0.41 min
 Lab File: BG040714.D
 Acq: 2 May 2019 19:38

Tgt Ion:165	Resp:	17985
Ion	Ratio	Lower Upper
165	100	
63	4.9	61.0 91.4#
89	0.0	58.6 87.8#

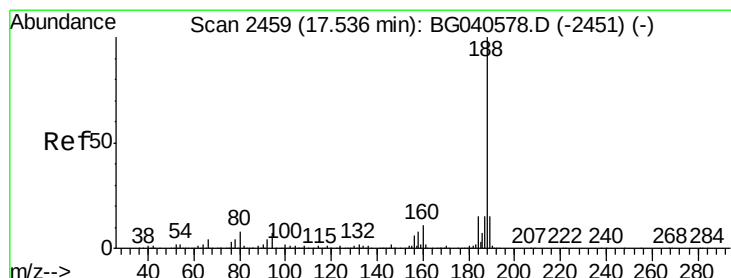
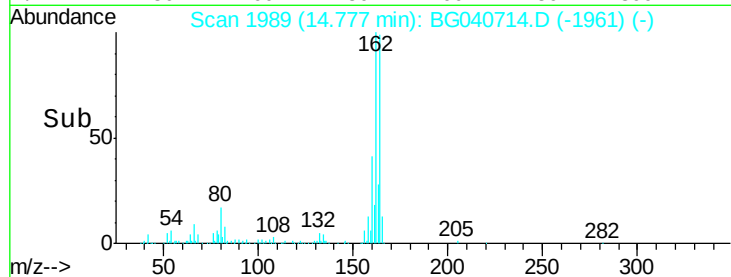
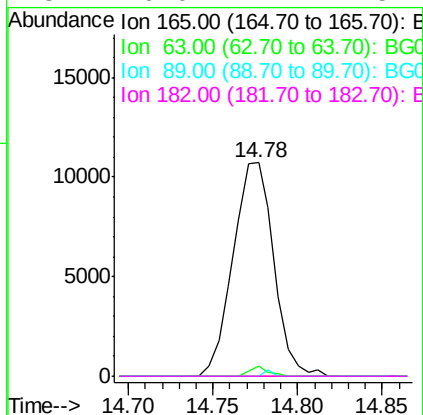
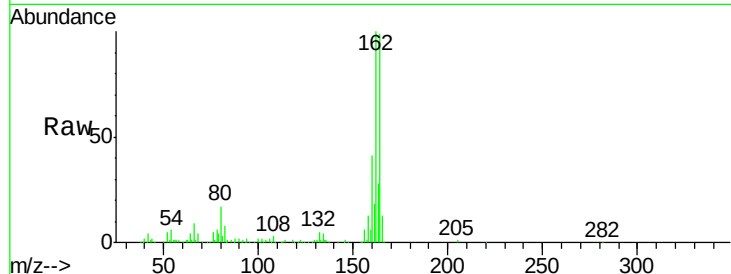




#57
 2,4-Dinitrotoluene
 Concen: 6.387 ng
 RT: 14.78 min Scan# 1989
 Delta R.T. -0.37 min
 Lab File: BG040714.D
 Acq: 2 May 2019 19:38

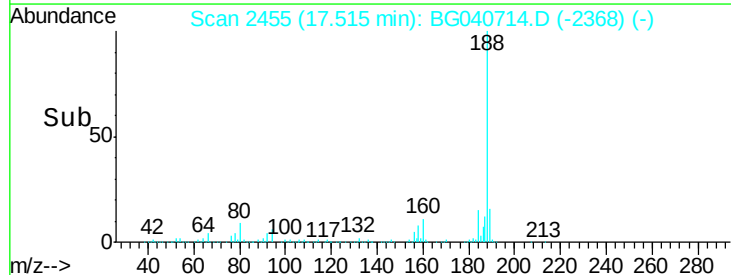
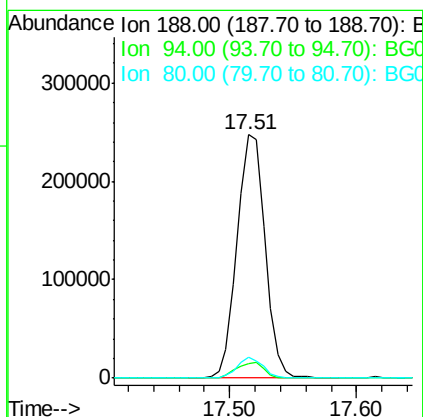
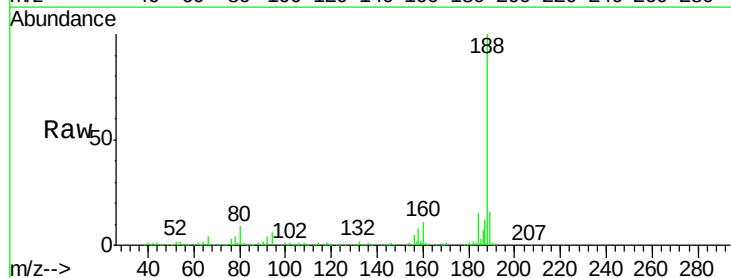
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019

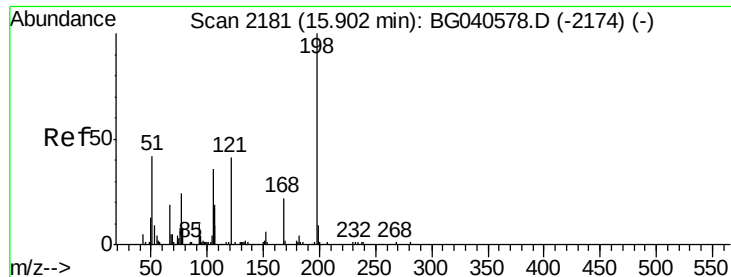
Tot Ion	Ratio	Lower	Upper
165	100		
63	4.9	45.8	68.8#
89	0.0	69.4	104.2#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BG040714.D
 Acq: 2 May 2019 19:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.6	8.4
80	8.8	6.4	9.6

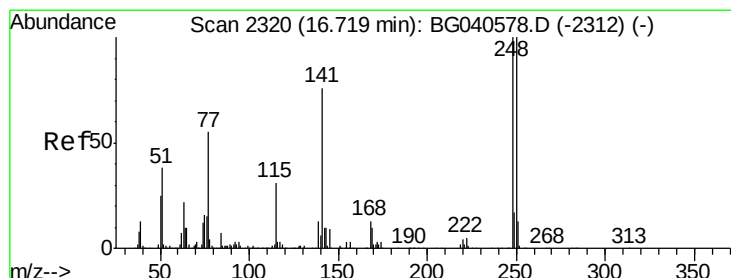
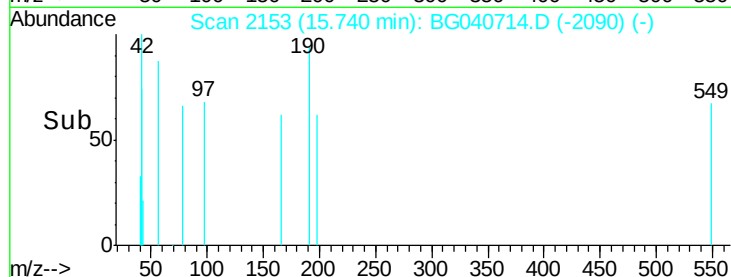
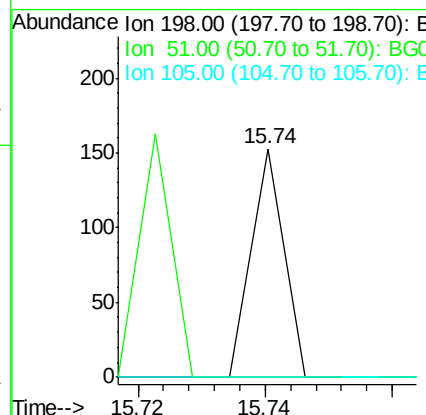
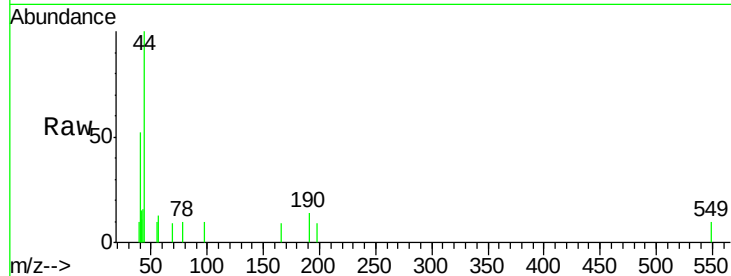




#65
4,6-Dinitro-2-methylphenol
Concen: 7.126 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.16 min
Lab File: BG040714.D
Acq: 2 May 2019 19:38

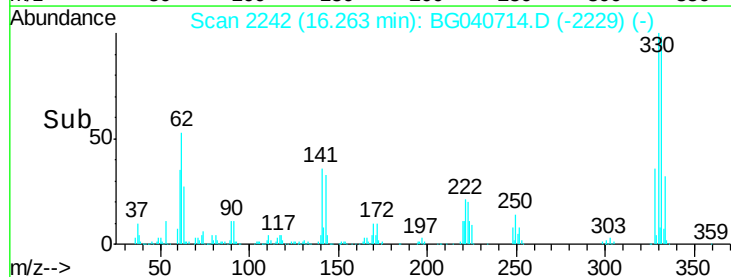
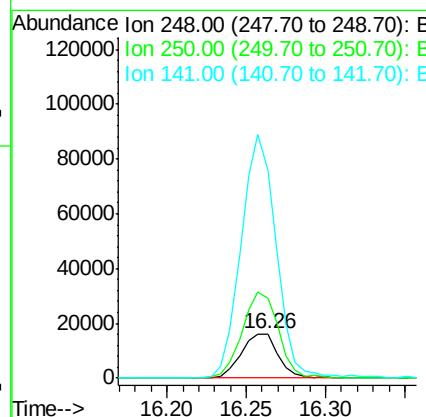
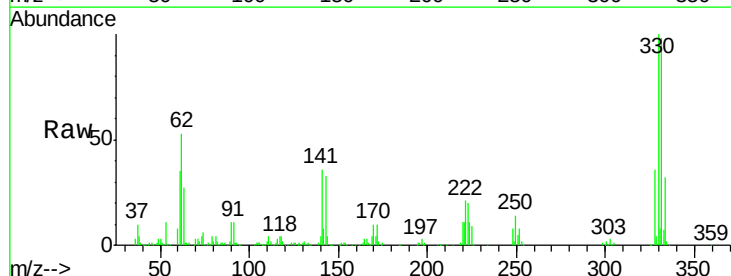
Instrument :
BNA_G
ClientSampleId :
TR-04-043019

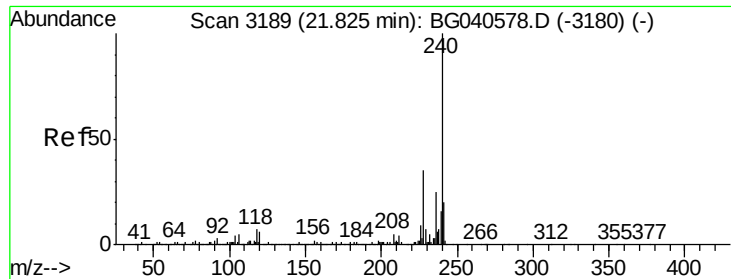
Tot Ion:198 Resp: 54
Ion Ratio Lower Upper
198 100
51 0.0 35.9 75.9#
105 0.0 21.2 61.2#



#67
4-Bromophenyl-phenylether
Concen: 5.545 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.46 min
Lab File: BG040714.D
Acq: 2 May 2019 19:38

Tgt Ion:248 Resp: 26194
Ion Ratio Lower Upper
248 100
250 179.7 79.8 119.6#
141 467.6 60.8 91.2#

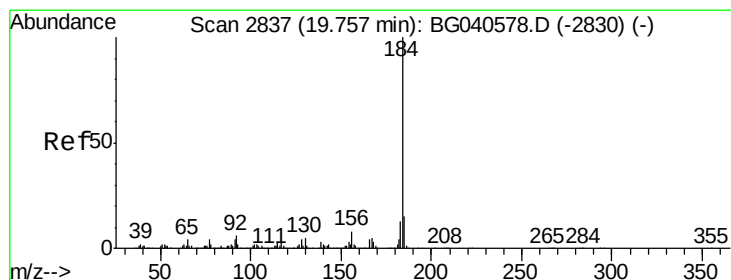
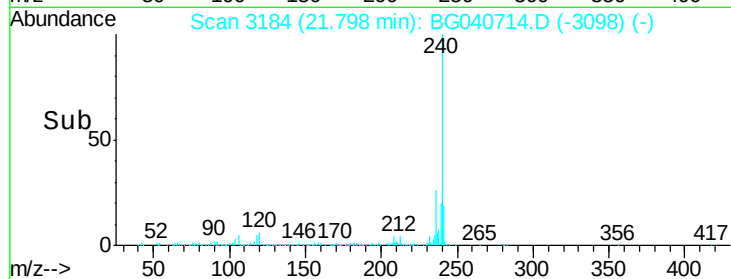
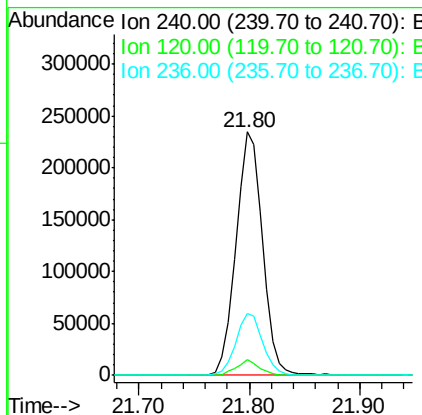
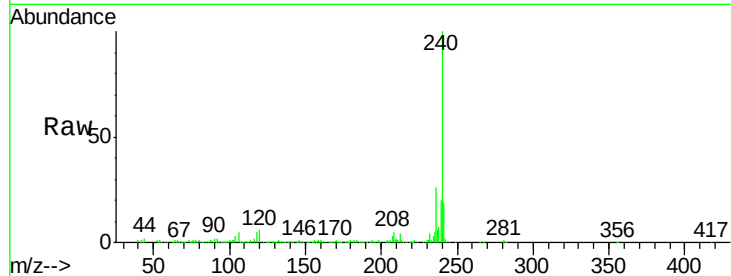




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3184
 Delta R.T. -0.03 min
 Lab File: BG040714.D
 Acq: 2 May 2019 19:38

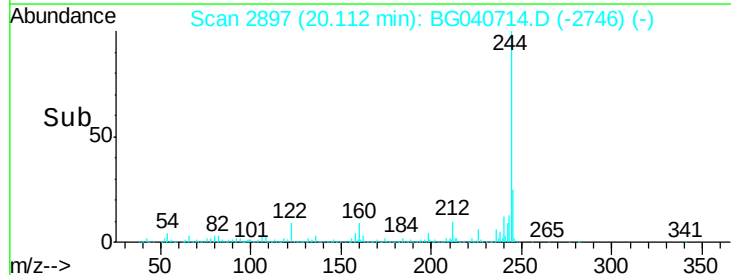
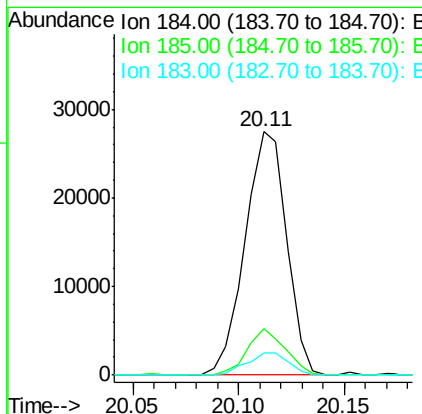
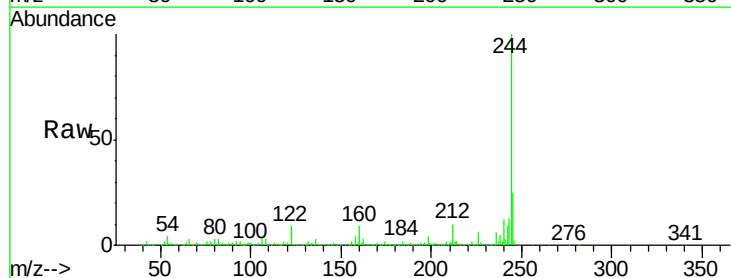
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019

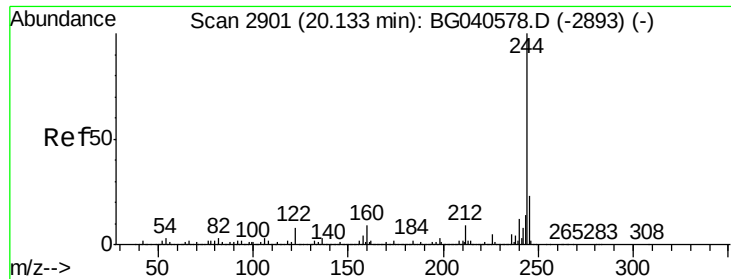
Tot Ion:240 Resp: 395743
 Ion Ratio Lower Upper
 240 100
 120 6.3 5.0 7.6
 236 25.6 20.3 30.5



#77
 Benzidine
 Concen: 3.463 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. 0.36 min
 Lab File: BG040714.D
 Acq: 2 May 2019 19:38

Tgt Ion:184 Resp: 37527
 Ion Ratio Lower Upper
 184 100
 185 19.2 11.8 17.8#
 183 9.3 10.2 15.2#





#79

Terphenyl-d14

Concen: 109.924 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040714.D

Acq: 2 May 2019 19:38

Instrument :

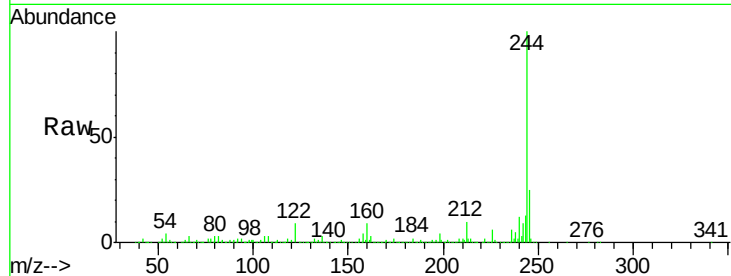
BNA_G

ClientSampleId :

TR-04-043019

Tot Ion:244 Resp: 1963576

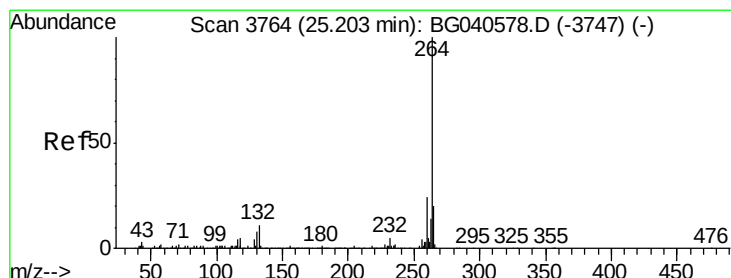
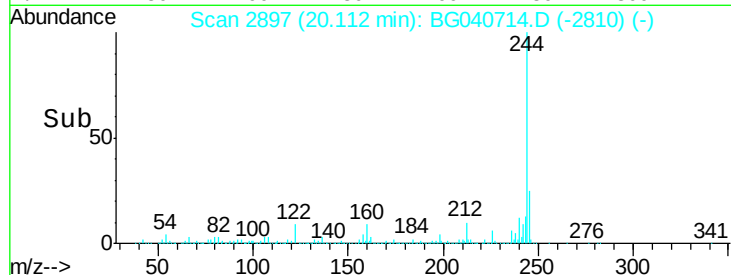
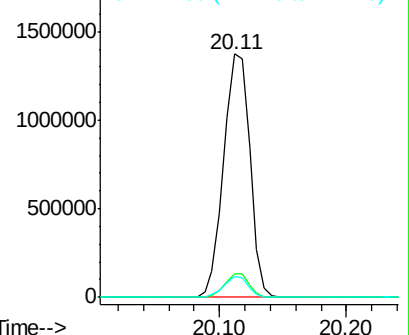
Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.2	10.8
122	8.7	6.6	10.0



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: 25.15 min Scan# 3755

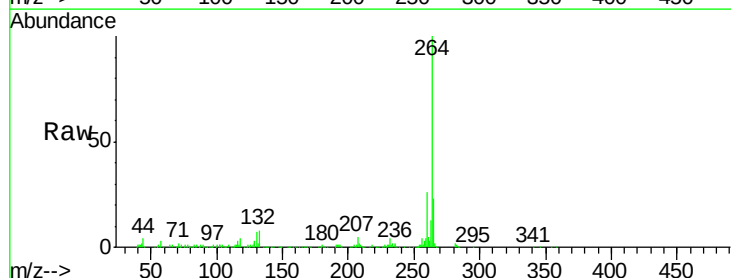
Delta R.T. -0.05 min

Lab File: BG040714.D

Acq: 2 May 2019 19:38

Tgt Ion:264 Resp: 384916

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.2	28.8
265	22.6	16.6	25.0



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

