

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
 Data File : BG044035.D
 Acq On : 14 Jan 2020 13:54
 Operator : JU
 Sample : PB126078BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 14 20:33:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

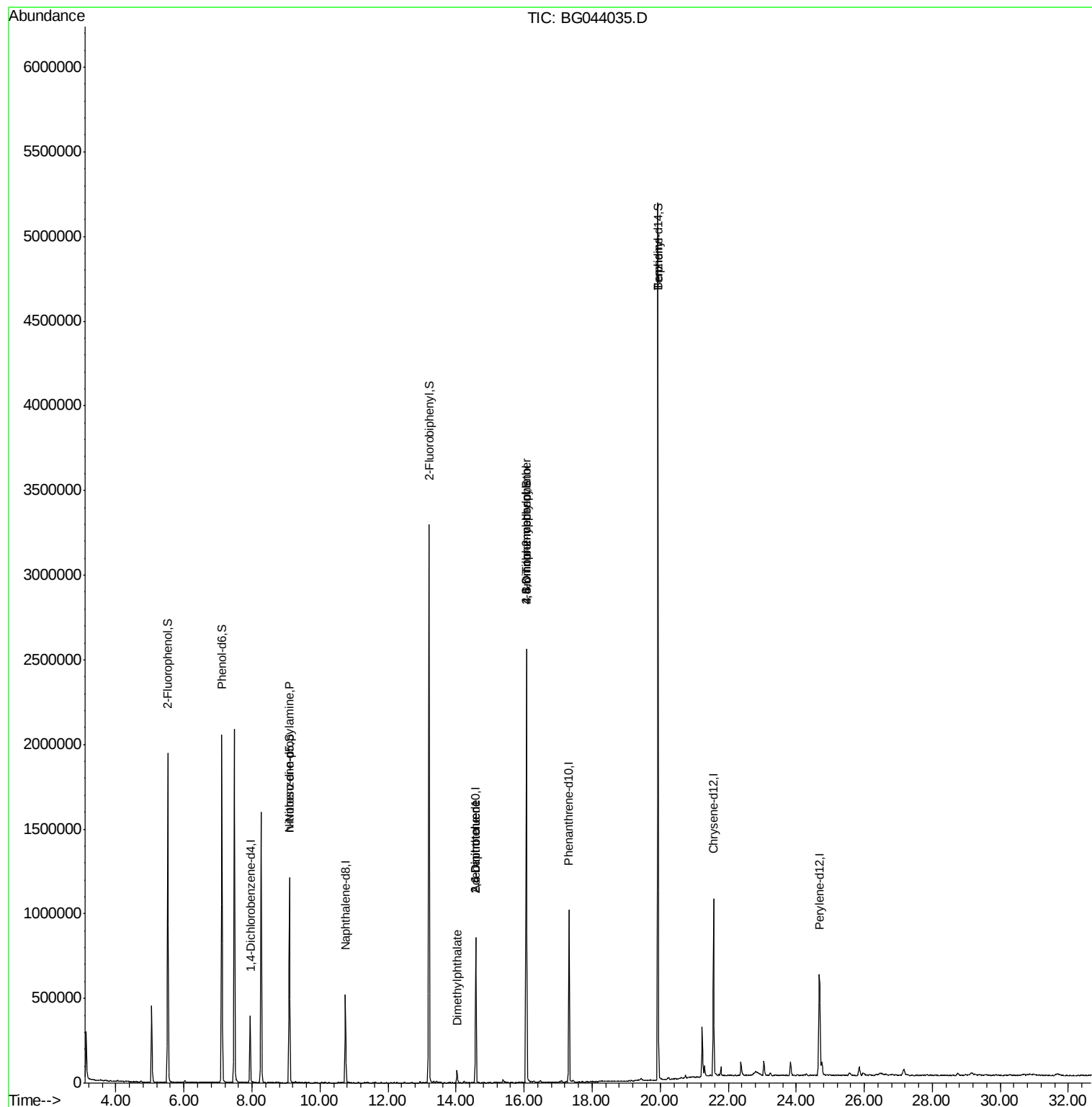
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	117172	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	482983	20.00	ng	-0.02
39) Acenaphthene-d10	14.57	164	313209	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	655099	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	569064	20.00	ng	-0.02
87) Perylene-d12	24.69	264	628976	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	937040	146.84	ng	-0.01
7) Phenol-d6	7.11	99	1317315	147.68	ng	-0.01
23) Nitrobenzene-d5	9.10	82	784587	86.90	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	500403	152.67	ng	-0.02
45) 2-Fluorobiphenyl	13.21	172	1708783	98.85	ng	-0.02
79) Terphenyl-d14	19.93	244	2349548	105.94	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	102700	15.460	ng	# 77
50) Dimethylphthalate	14.03	163	54298	2.442	ng	# 97
51) 2,6-Dinitrotoluene	14.57	165	41644	8.285	ng	# 26
57) 2,4-Dinitrotoluene	14.57	165	41644	6.089	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.07	198	1554	4.808	ng	# 4
67) 4-Bromophenyl-phenylether	16.06	248	35035	4.755	ng	# 1
77) Benzidine	19.94	184	45148	3.156	ng	# 93

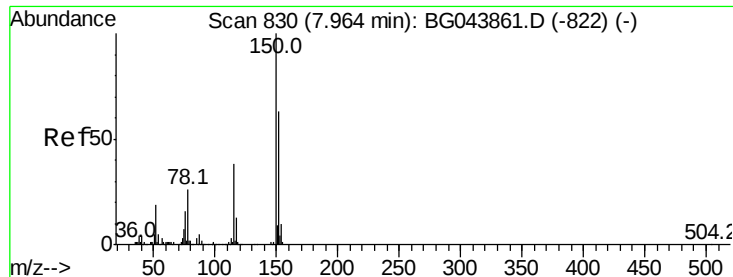
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044035.D
Acq On : 14 Jan 2020 13:54
Operator : JU
Sample : PB126078BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 14 20:33:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration



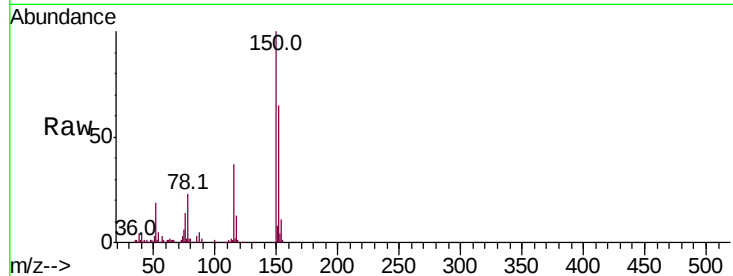


#1

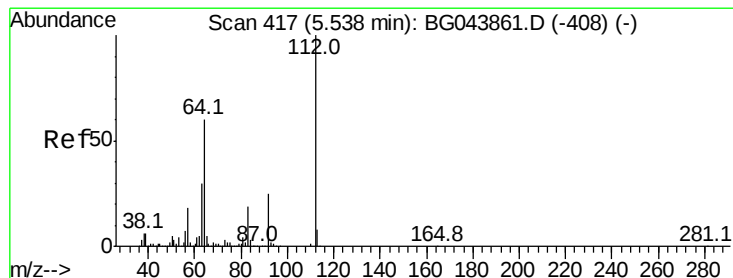
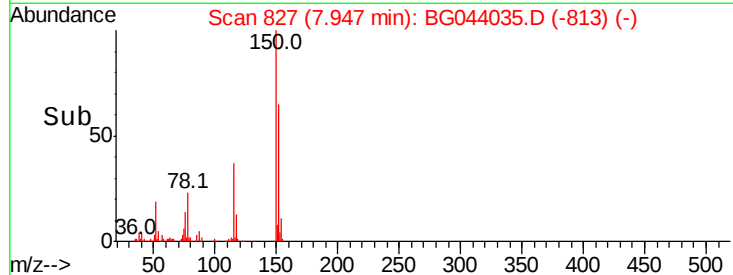
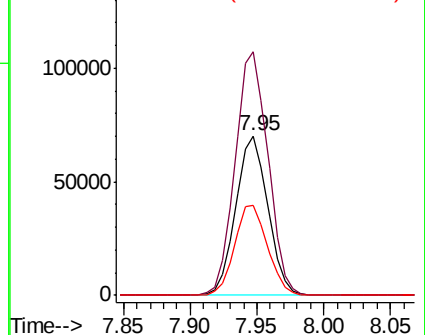
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	127.0	190.4
115	56.5	47.8	71.8



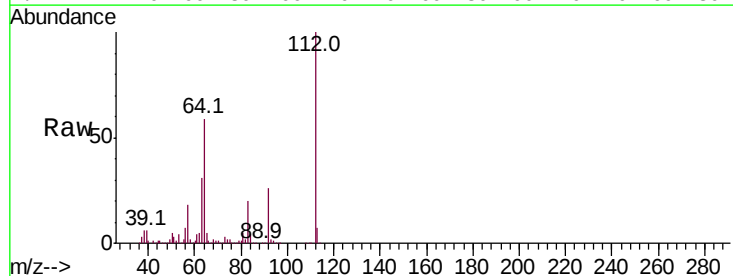
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



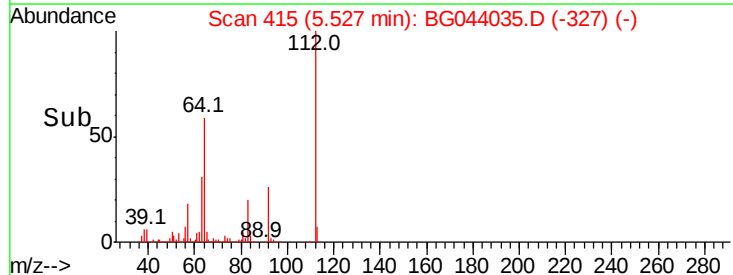
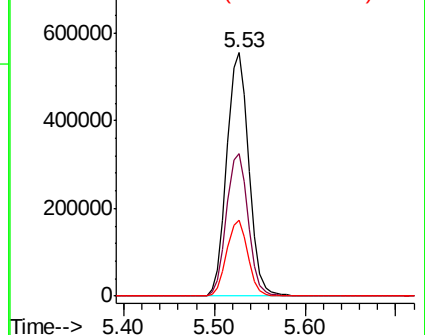
#5

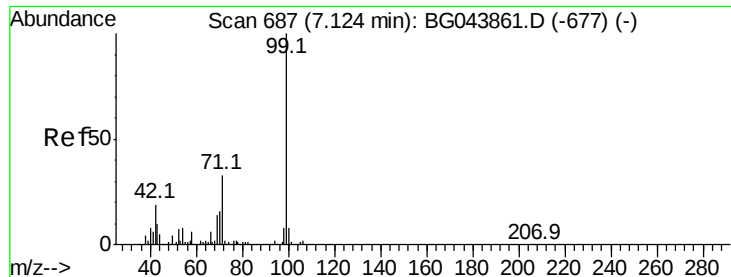
2-Fluorophenol
Concen: 146.837 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.8	71.6
63	31.0	24.3	36.5



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: 147.678 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG044035.D

Acq: 14 Jan 2020 13:54

Instrument :

BNA_G

ClientSampleId :

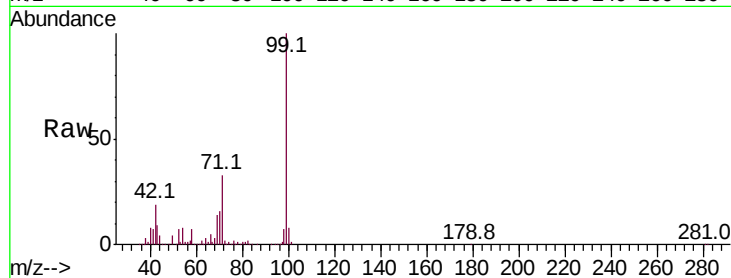
Tot Ion: 99 Resp: 1317315

Ion Ratio Lower Upper

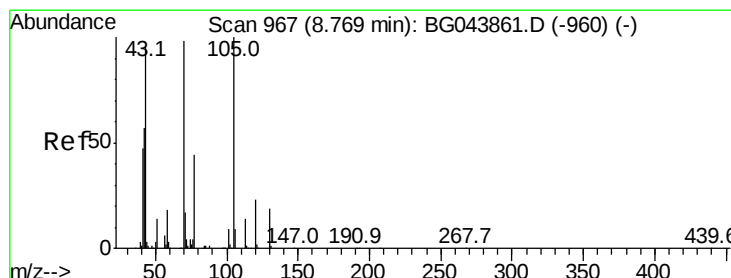
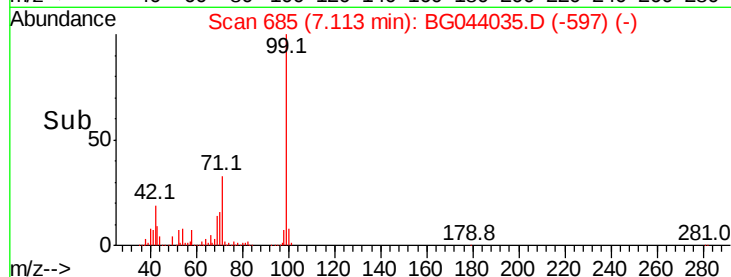
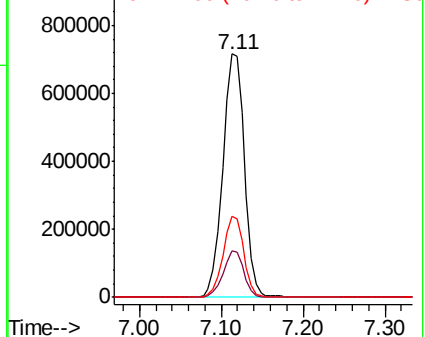
99 100

42 18.9 14.9 22.3

71 33.5 26.4 39.6



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: 15.460 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.33 min

Lab File: BG044035.D

Acq: 14 Jan 2020 13:54

Tgt Ion: 70 Resp: 102700

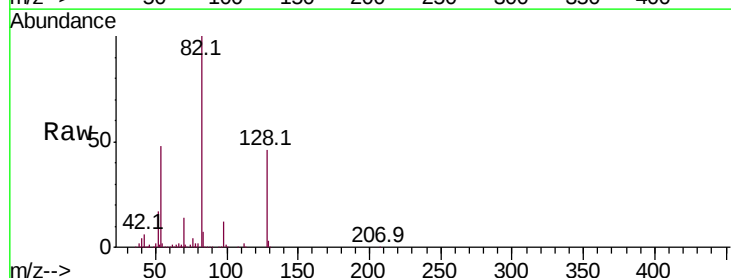
Ion Ratio Lower Upper

70 100

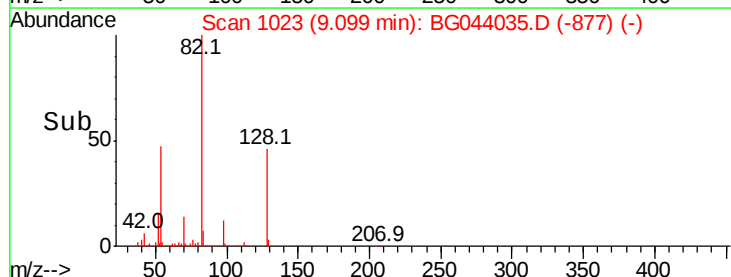
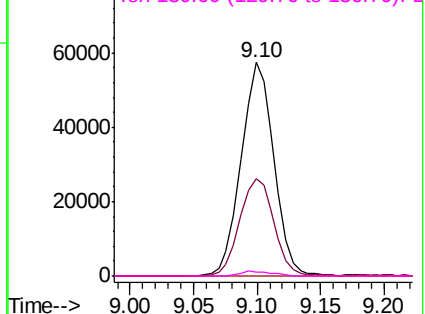
42 45.7 47.0 70.4#

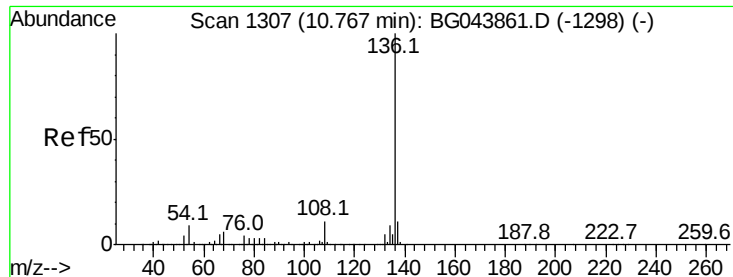
101 0.0 7.2 10.8#

130 1.8 15.6 23.4#



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

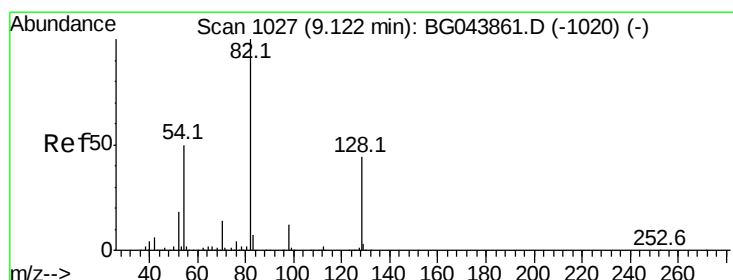
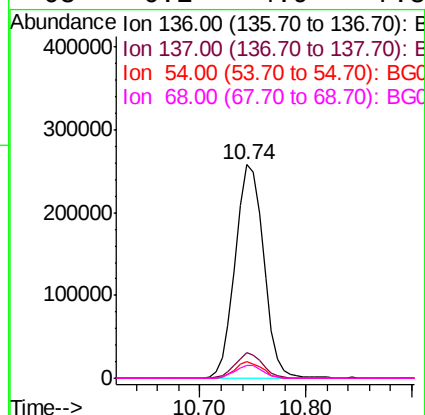
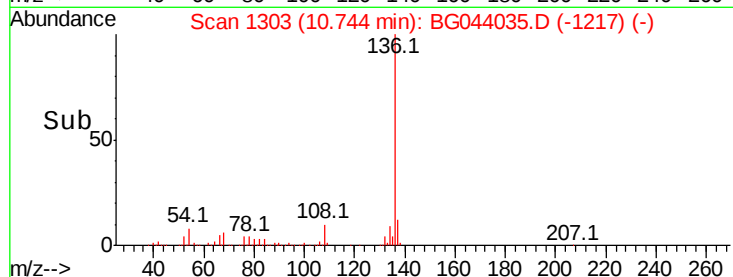
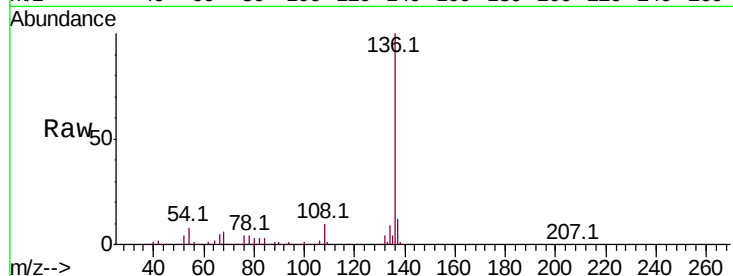




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

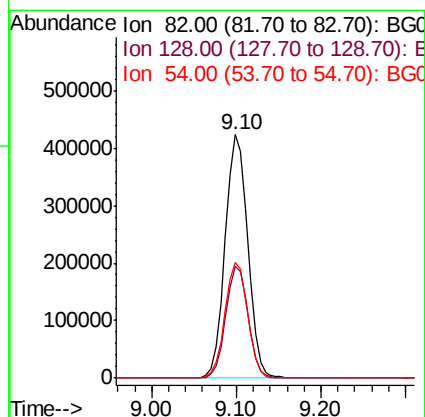
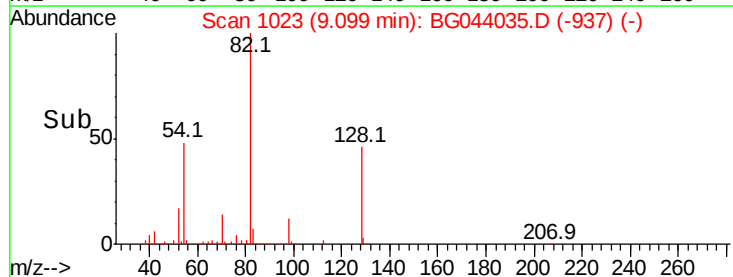
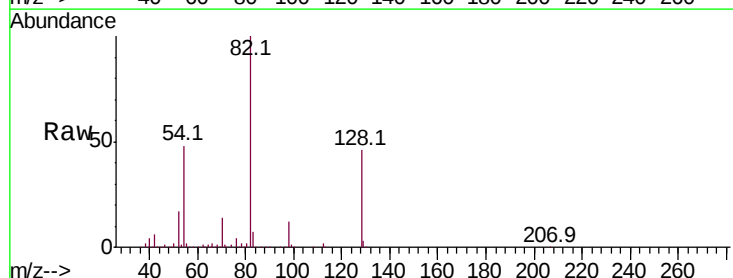
Instrument :
BNA_G
ClientSampleId :

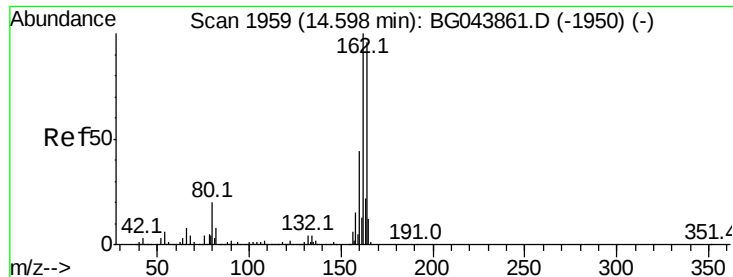
Tot Ion:136	Resp:	482983
Ion Ratio	Lower	Upper
136	100	
137	11.8	8.8 13.2
54	7.8	7.0 10.4
68	6.1	4.9 7.3



#23
Nitrobenzene-d5
Concen: 86.902 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Tgt Ion: 82	Resp:	784587
Ion Ratio	Lower	Upper
82	100	
128	45.7	35.1 52.7
54	47.7	40.1 60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG044035.D

Acq: 14 Jan 2020 13:54

Instrument :

BNA_G

ClientSampleId :

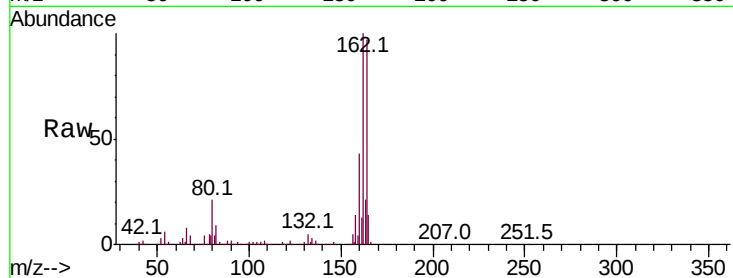
Tot Ion:164 Resp: 313209

Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.4

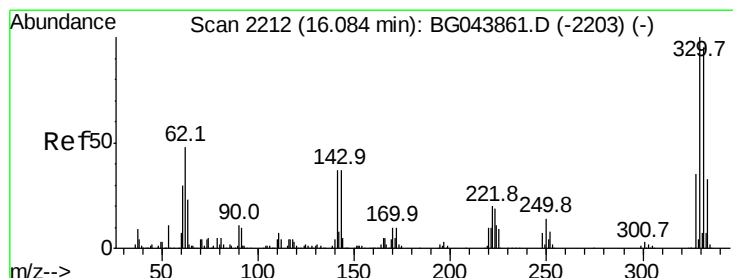
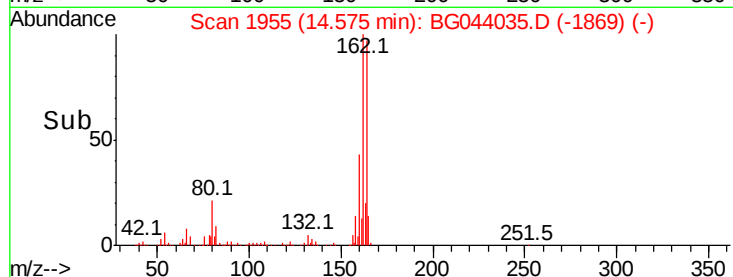
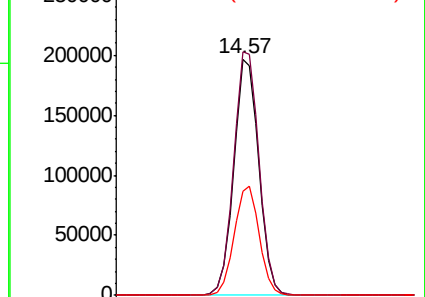
160 44.2 36.1 54.1



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: 152.670 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG044035.D

Acq: 14 Jan 2020 13:54

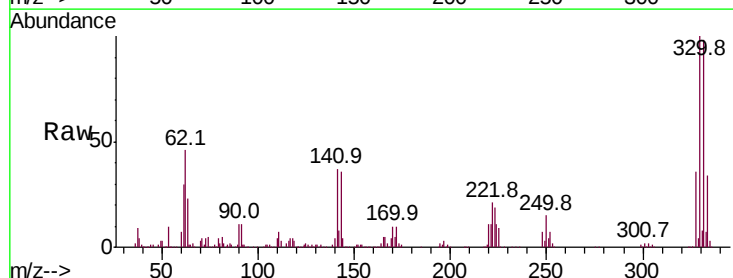
Tgt Ion:330 Resp: 500403

Ion Ratio Lower Upper

330 100

332 96.2 77.2 115.8

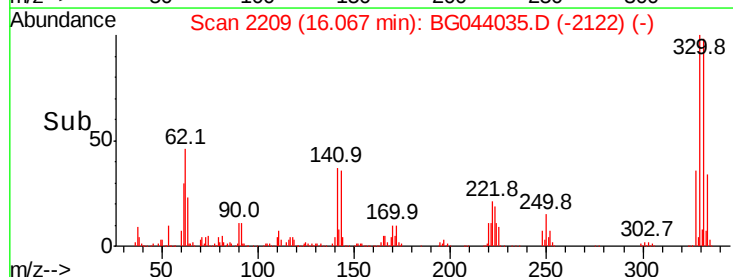
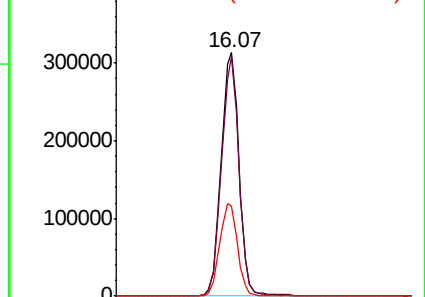
141 38.2 33.1 49.7

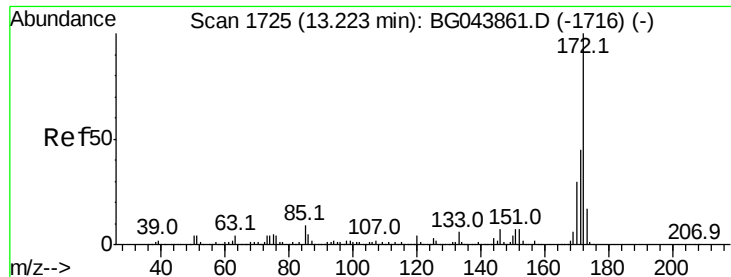


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

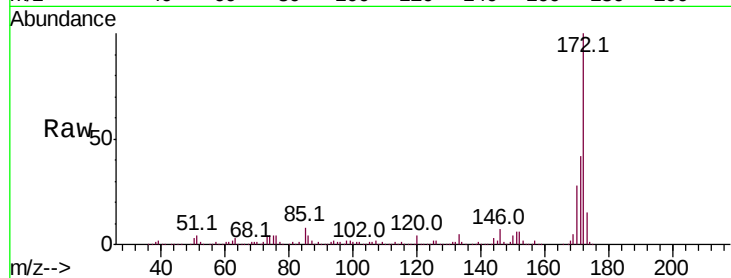




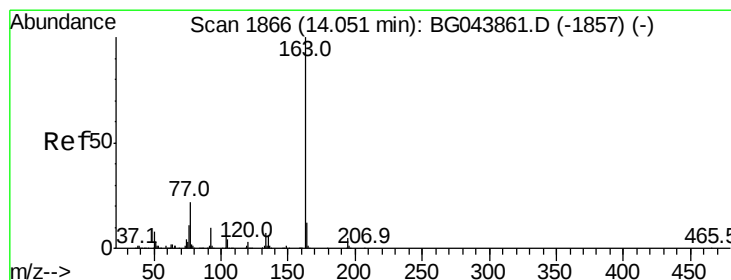
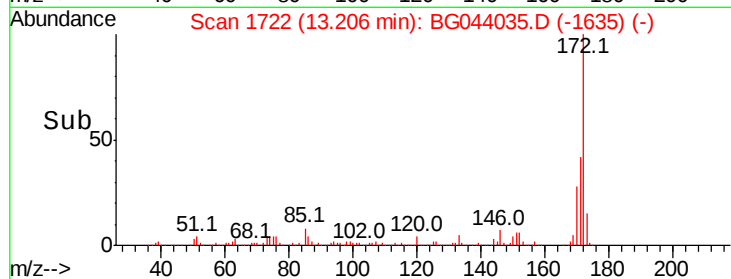
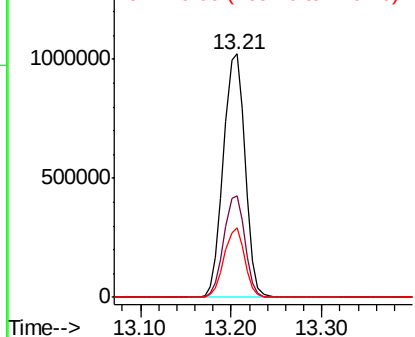
#45
2-Fluorobiphenyl
Concen: 98.845 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 1708783
Ion Ratio Lower Upper
172 100
171 41.7 35.8 53.8
170 28.5 24.2 36.4

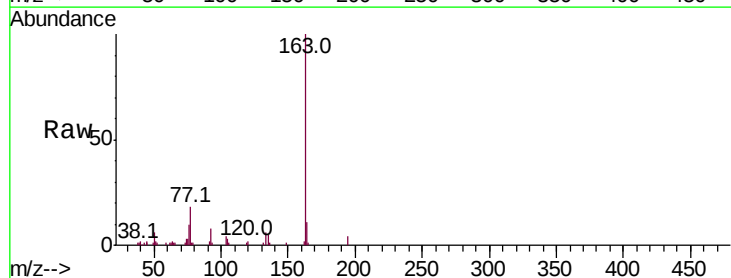


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

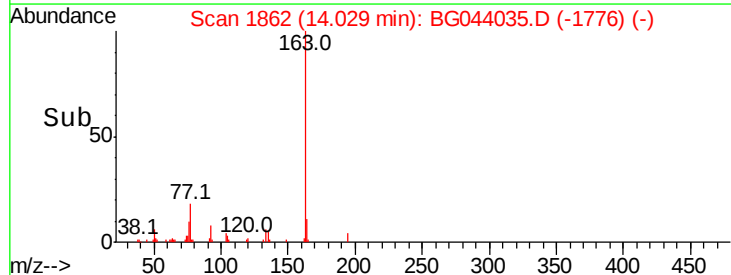
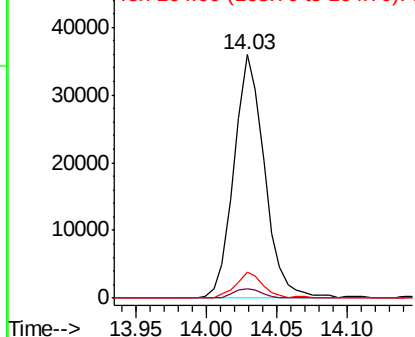


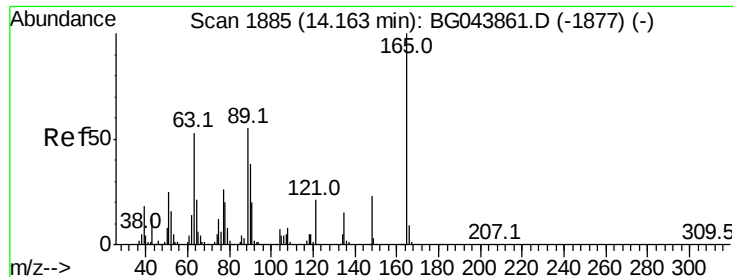
#50
Dimethylphthalate
Concen: 2.442 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Tgt Ion:163 Resp: 54298
Ion Ratio Lower Upper
163 100
194 3.6 3.7 5.5#
164 10.5 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

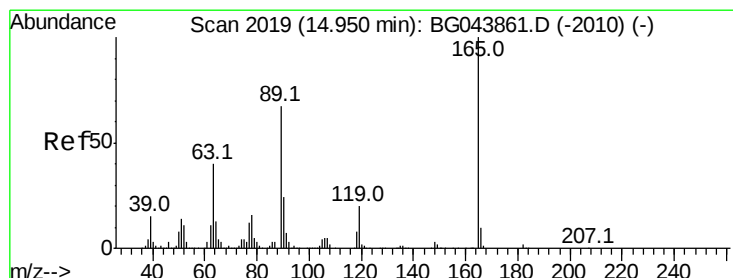
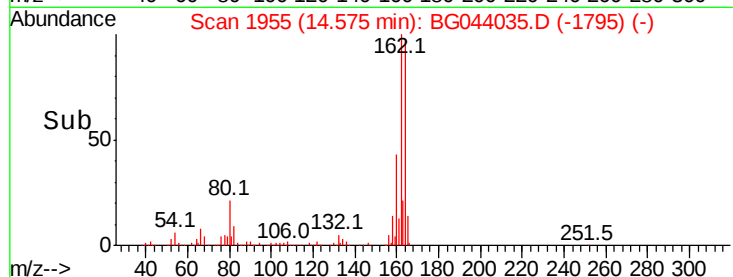
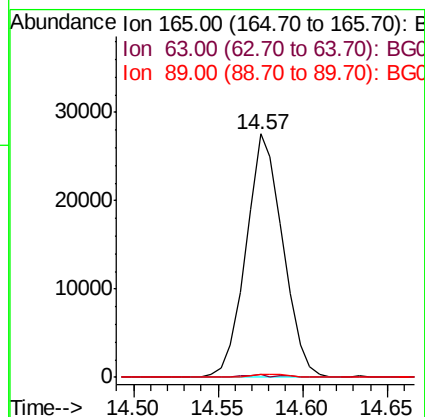
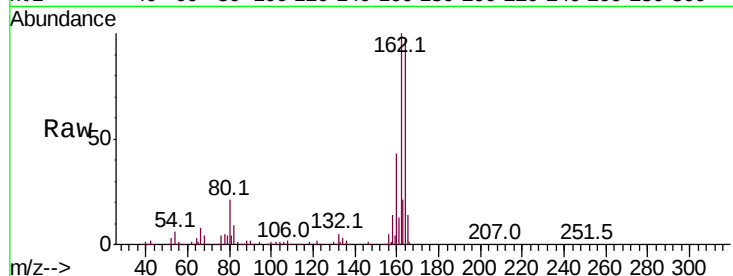




#51
2,6-Dinitrotoluene
Concen: 8.285 ng
RT: 14.57 min Scan# 1955
Delta R.T. 0.41 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

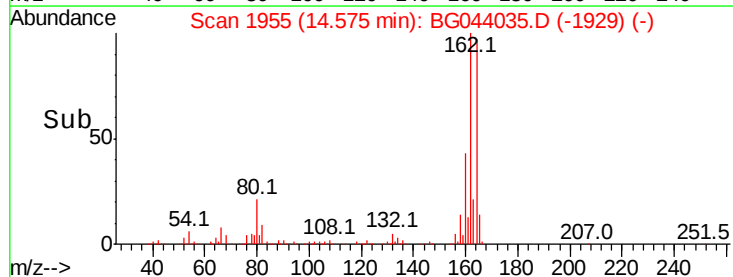
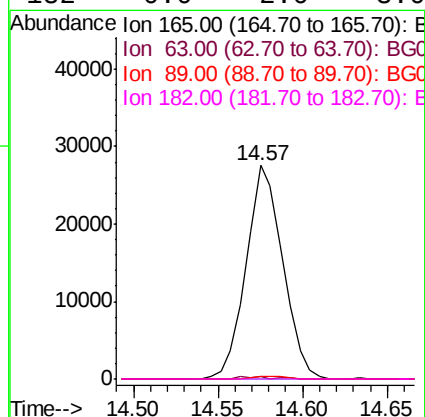
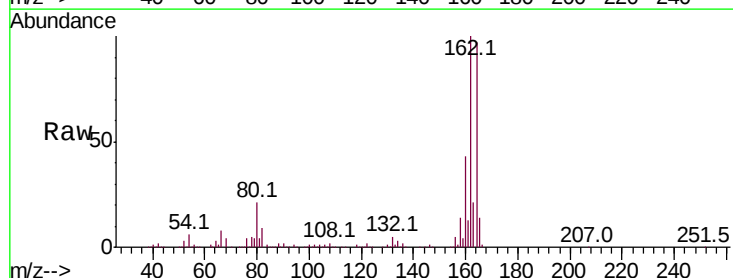
Instrument :
BNA_G
ClientSampleId :

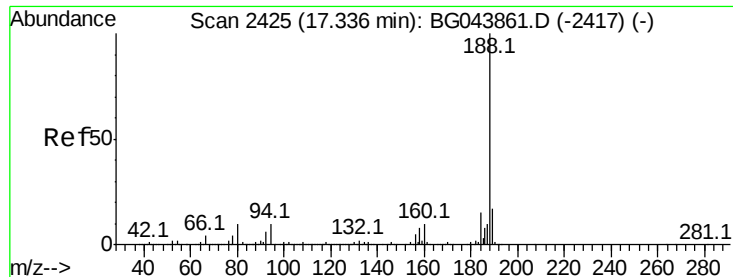
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.1	64.7#
89	1.3	43.8	65.6#



#57
2,4-Dinitrotoluene
Concen: 6.089 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.38 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	31.9	47.9#
89	1.3	53.8	80.6#
182	0.0	2.0	3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BG044035.D

Acq: 14 Jan 2020 13:54

Instrument :

BNA_G

ClientSampled :

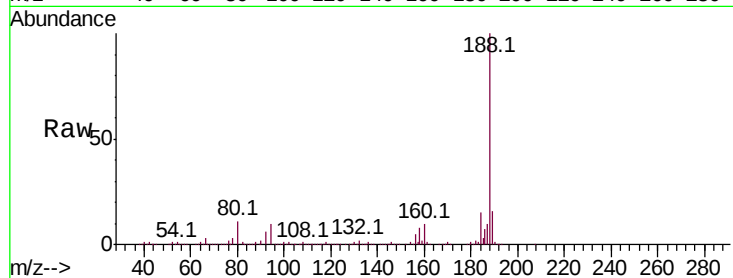
Tot Ion:188 Resp: 655099

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

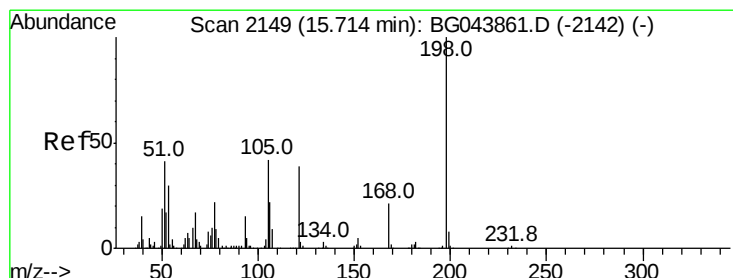
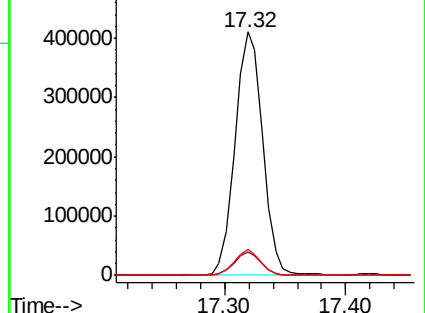
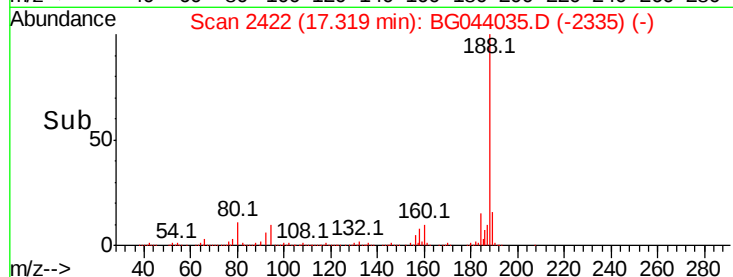
80 10.5 8.2 12.4



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: 4.808 ng

RT: 16.07 min Scan# 2209

Delta R.T. 0.35 min

Lab File: BG044035.D

Acq: 14 Jan 2020 13:54

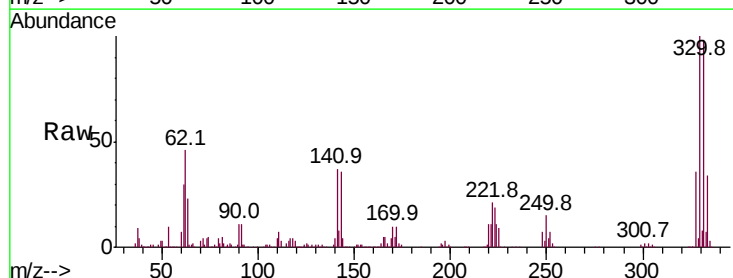
Tgt Ion:198 Resp: 1554

Ion Ratio Lower Upper

198 100

51 86.4 22.5 62.5#

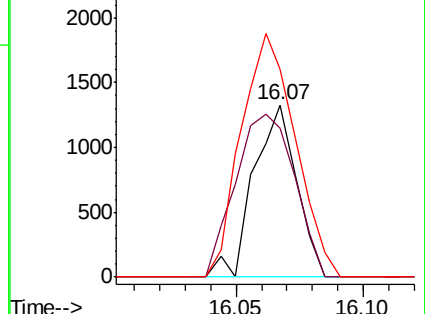
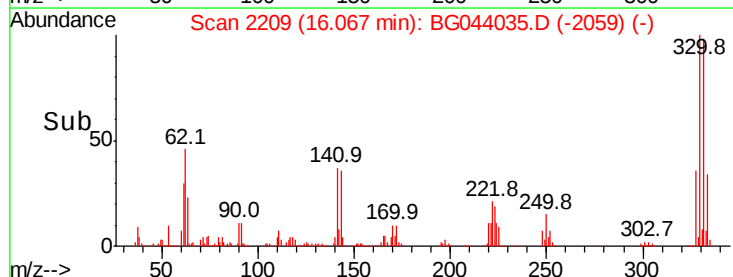
105 120.5 22.3 62.3#

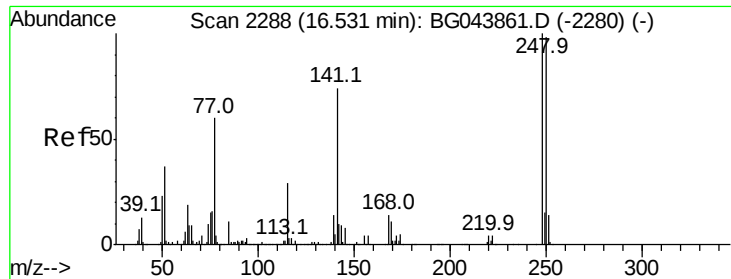


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

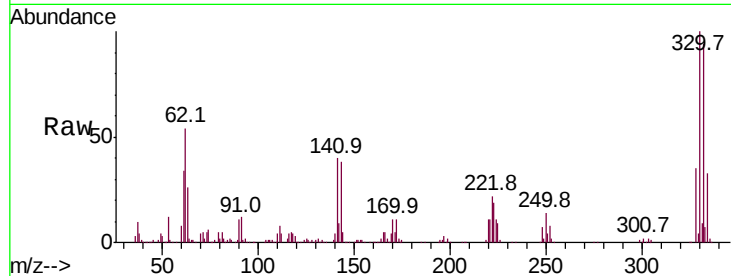




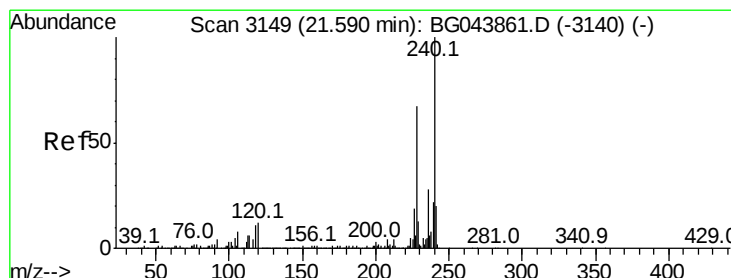
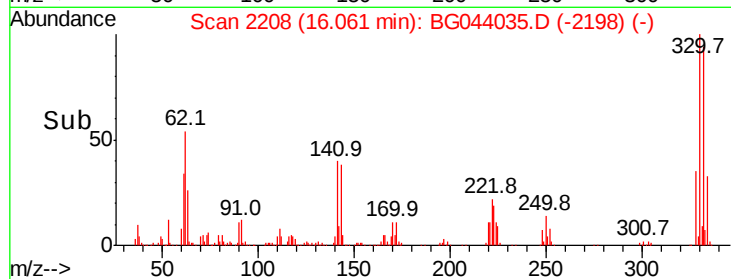
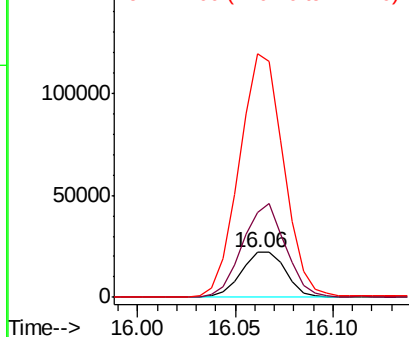
#67
 4-Bromophenyl-phenylether
 Concen: 4.755 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.47 min
 Lab File: BG044035.D
 Acq: 14 Jan 2020 13:54

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 35035
 Ion Ratio Lower Upper
 248 100
 250 188.1 78.2 117.2#
 141 540.5 59.3 88.9#

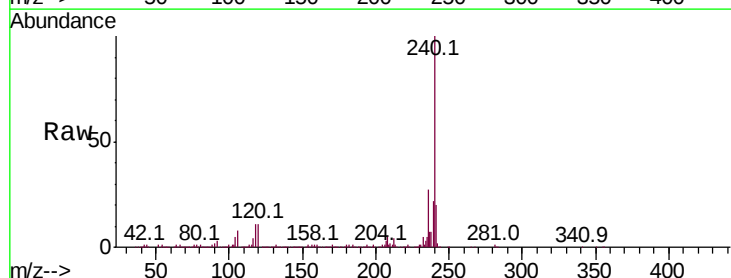


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

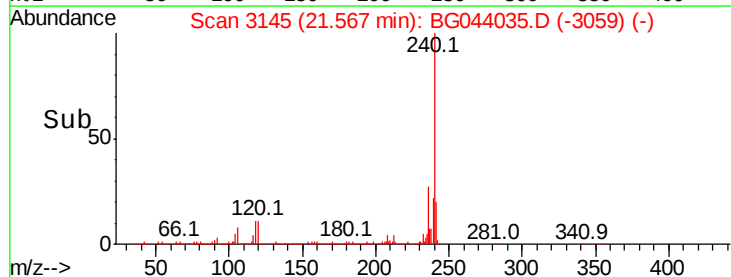
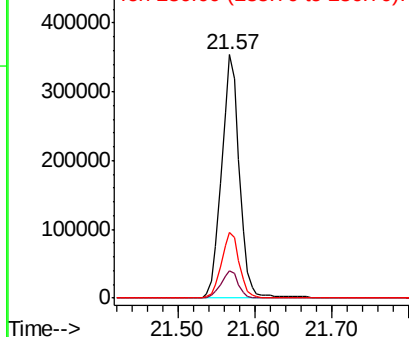


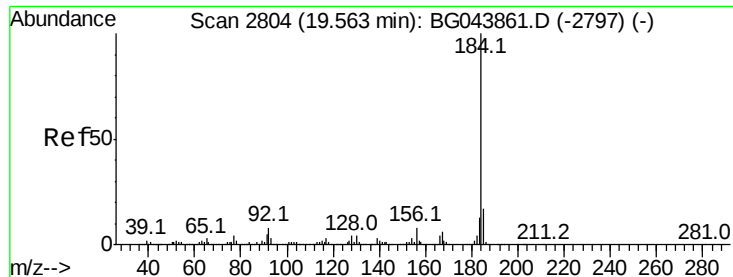
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.02 min
 Lab File: BG044035.D
 Acq: 14 Jan 2020 13:54

Tgt Ion:240 Resp: 569064
 Ion Ratio Lower Upper
 240 100
 120 11.0 9.6 14.4
 236 27.1 22.2 33.2



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: 3.156 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.38 min

Lab File: BG044035.D

Acq: 14 Jan 2020 13:54

Instrument :

BNA_G

ClientSampleId :

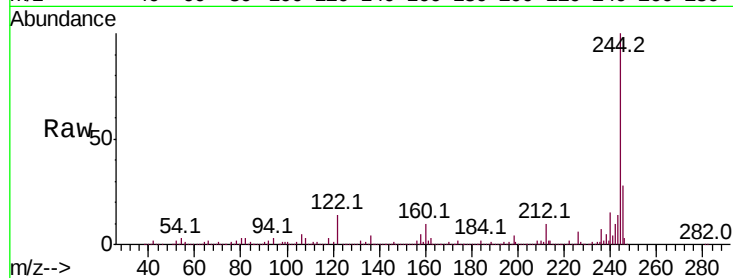
Tot Ion:184 Resp: 45148

Ion Ratio Lower Upper

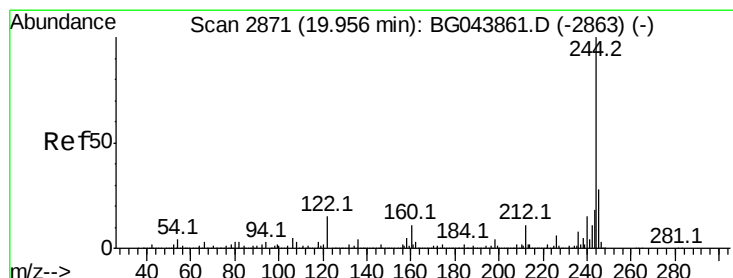
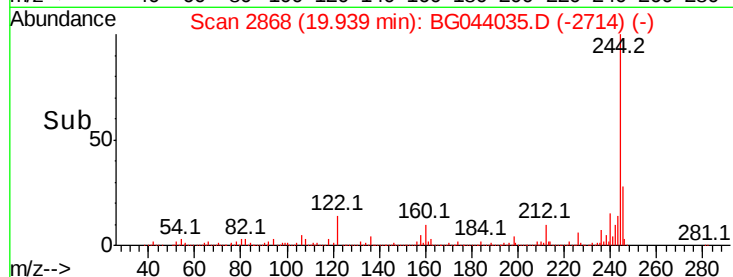
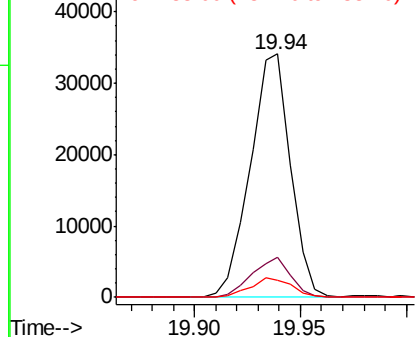
184 100

185 16.5 13.4 20.0

183 7.1 10.6 15.8#



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: 105.938 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.02 min

Lab File: BG044035.D

Acq: 14 Jan 2020 13:54

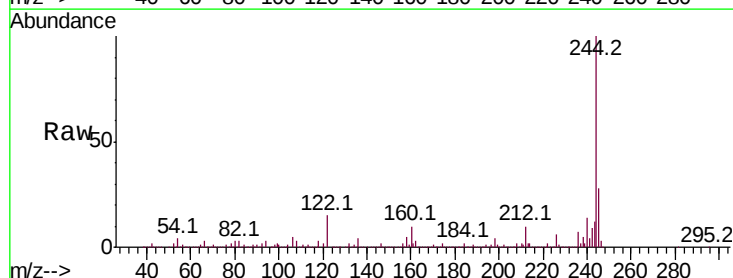
Tgt Ion:244 Resp: 2349548

Ion Ratio Lower Upper

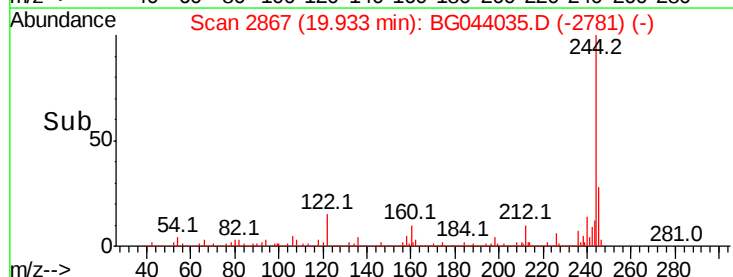
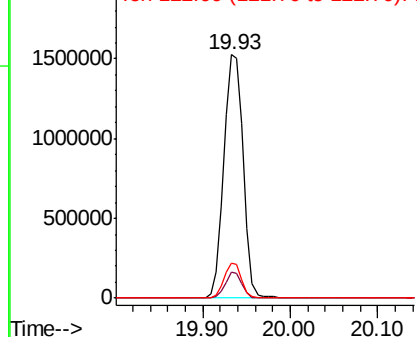
244 100

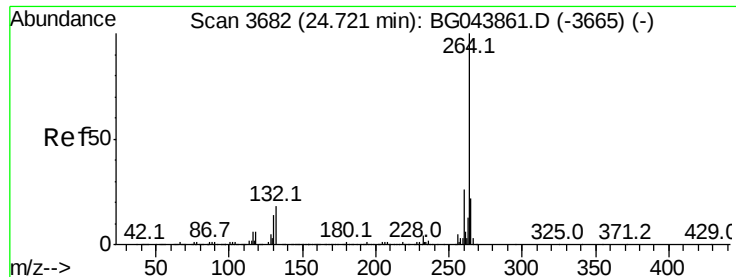
212 10.5 8.6 13.0

122 14.6 11.9 17.9



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: 24.69 min Scan# 3676
 Delta R.T. -0.03 min
 Lab File: BG044035.D
 Acq: 14 Jan 2020 13:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	21.7	17.4	26.2

