

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
 Data File : BG044476.D
 Acq On : 18 Feb 2020 17:21
 Operator : CG/JU
 Sample : L1365-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 19 01:18:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

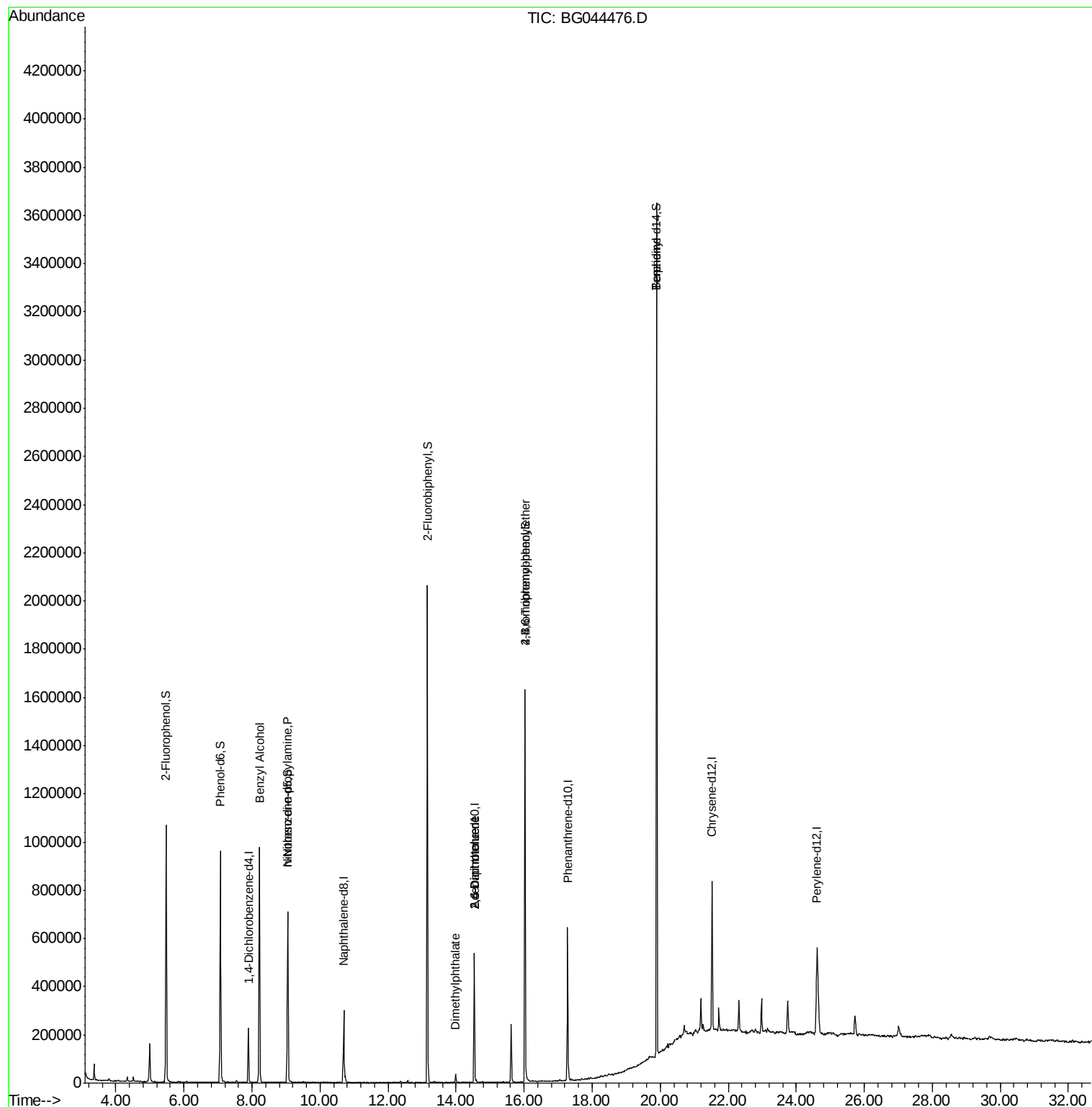
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	68078	20.00	ng	-0.01
21) Naphthalene-d8	10.70	136	287245	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	194407	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	408920	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	376289	20.00	ng	-0.01
87) Perylene-d12	24.61	264	408140	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	518095	134.31	ng	0.00
7) Phenol-d6	7.07	99	624779	120.61	ng	0.00
23) Nitrobenzene-d5	9.05	82	473393	93.04	ng	-0.01
42) 2,4,6-Tribromophenol	16.03	330	332074	145.50	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1120575	96.52	ng	0.00
79) Terphenyl-d14	19.90	244	1657130	90.58	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.22	79	7617	2.077	ng	# 49
19) n-Nitroso-di-n-propylamine	9.05	70	61199	17.727	ng	# 75
50) Dimethylphthalate	13.99	163	28253	2.022	ng	# 99
51) 2,6-Dinitrotoluene	14.53	165	25186	8.083	ng	# 29
57) 2,4-Dinitrotoluene	14.53	165	25186	5.767	ng	# 27
67) 4-Bromophenyl-phenylether	16.03	248	22413	5.031	ng	# 1
77) Benizidine	19.90	184	27884	2.672	ng	# 93

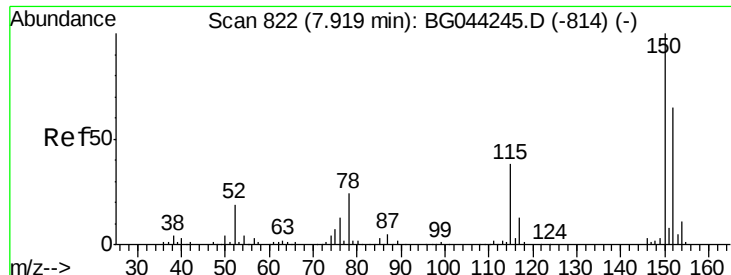
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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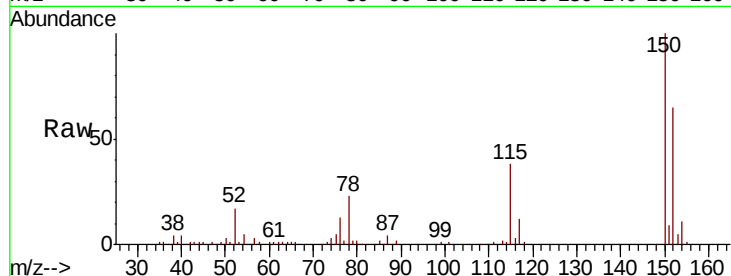


#1

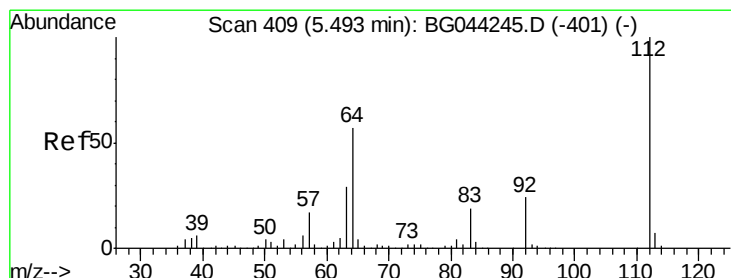
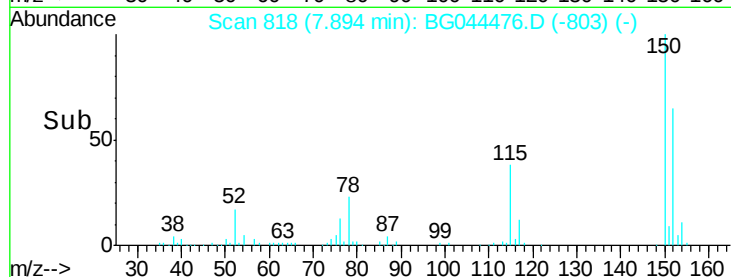
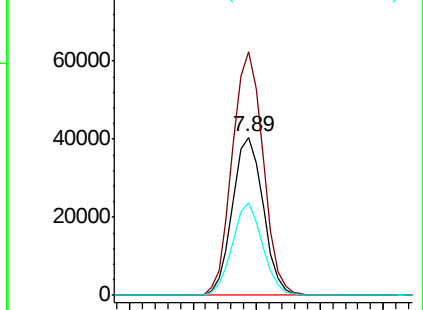
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG044476.D
Acq: 18 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 68078
Ion Ratio Lower Upper
152 100
150 153.7 122.6 183.8
115 58.2 46.0 69.0



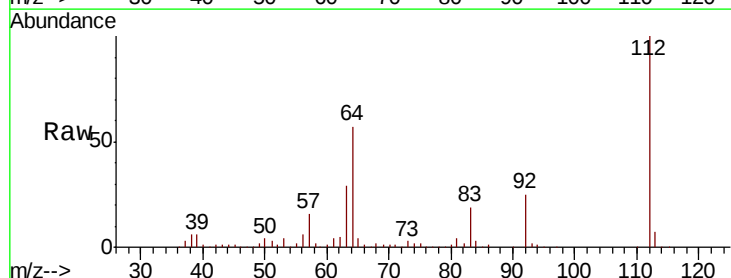
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



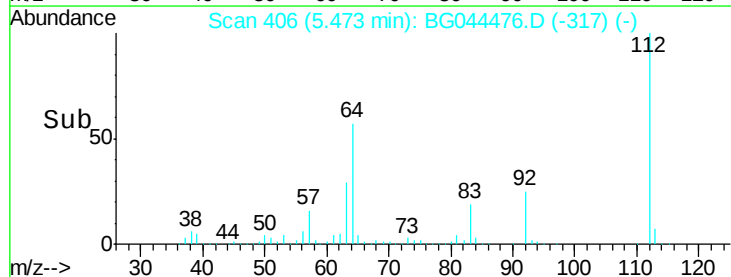
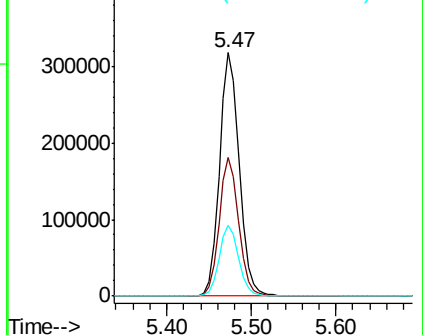
#5

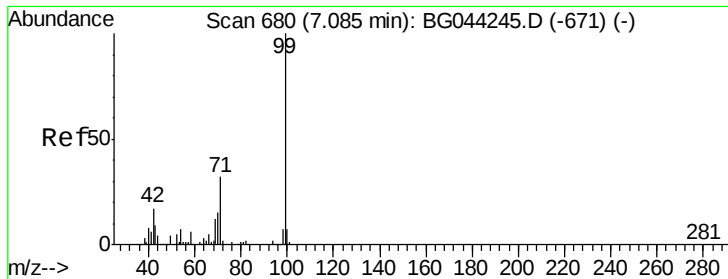
2-Fluorophenol
Concen: 134.310 ng
RT: 5.47 min Scan# 406
Delta R.T. -0.01 min
Lab File: BG044476.D
Acq: 18 Feb 2020 17:21

Tgt Ion:112 Resp: 518095
Ion Ratio Lower Upper
112 100
64 57.0 45.4 68.2
63 29.2 22.9 34.3



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: 120.614 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044476.D

Acq: 18 Feb 2020 17:21

Instrument :

BNA_G

ClientSampled :

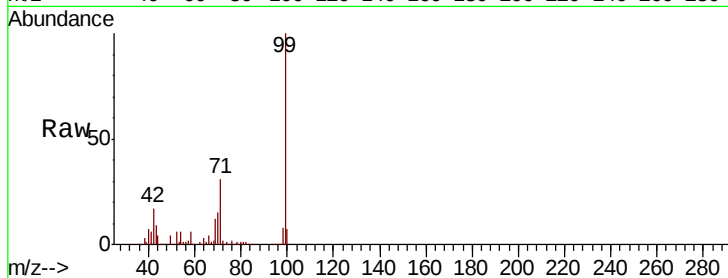
Tot Ion: 99 Resp: 624779

Ion Ratio Lower Upper

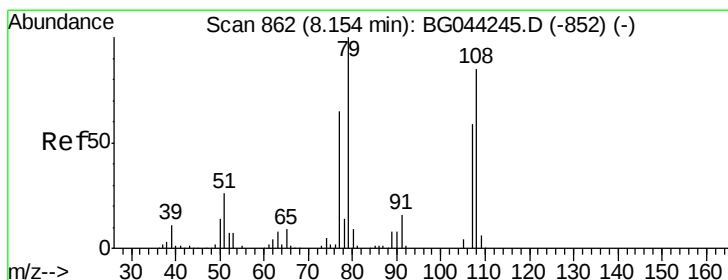
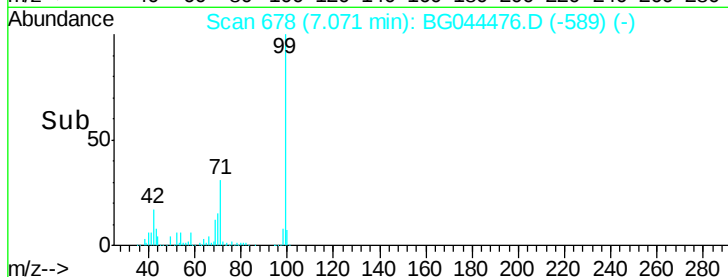
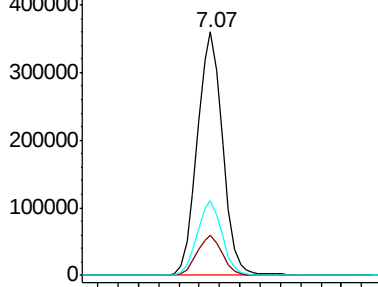
99 100

42 16.5 13.8 20.6

71 30.7 25.5 38.3



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



#15

Benzyl Alcohol

Concen: 2.077 ng

RT: 8.22 min Scan# 873

Delta R.T. 0.08 min

Lab File: BG044476.D

Acq: 18 Feb 2020 17:21

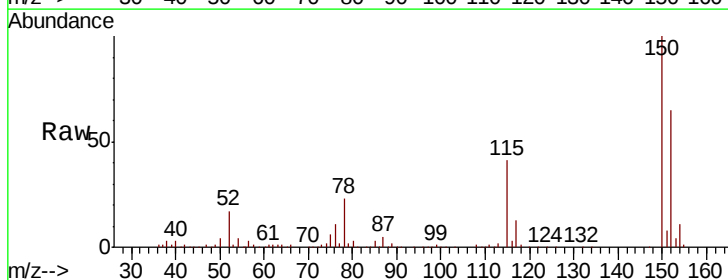
Tgt Ion: 79 Resp: 7617

Ion Ratio Lower Upper

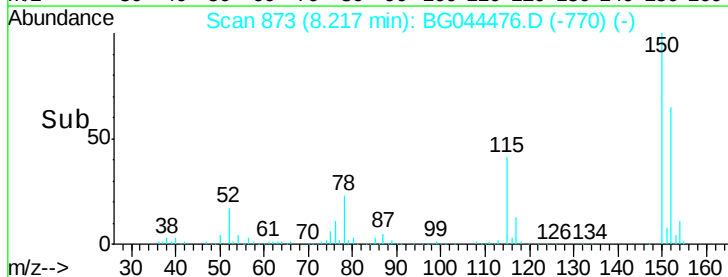
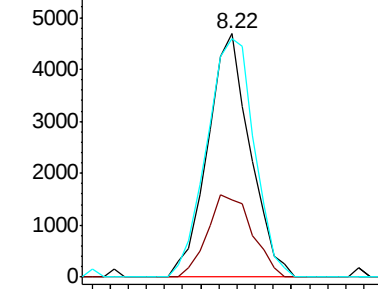
79 100

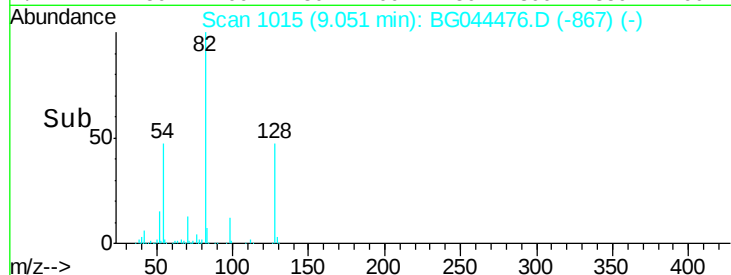
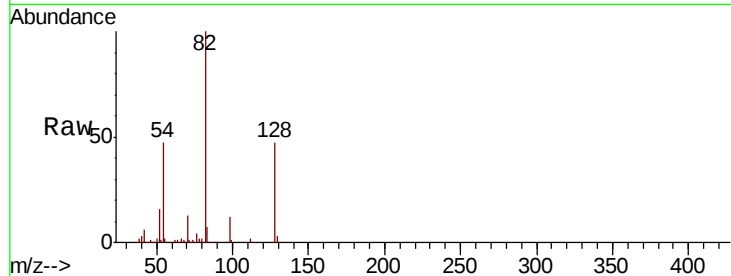
108 31.7 68.3 102.5#

77 97.7 51.8 77.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

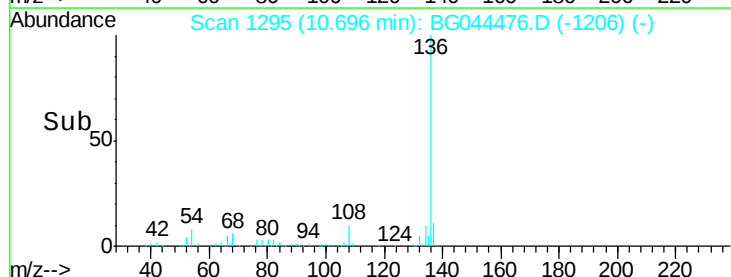
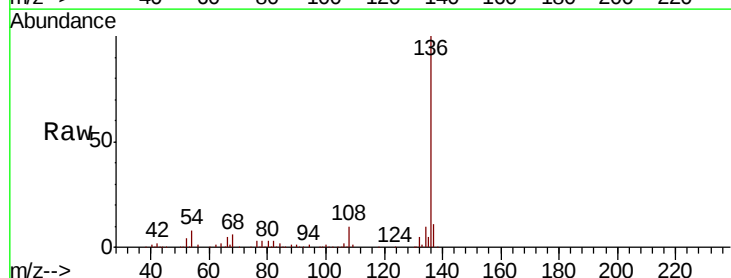
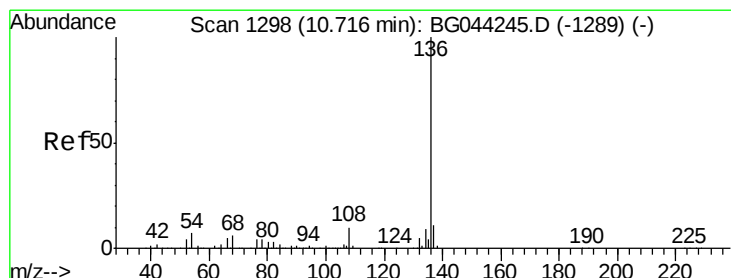
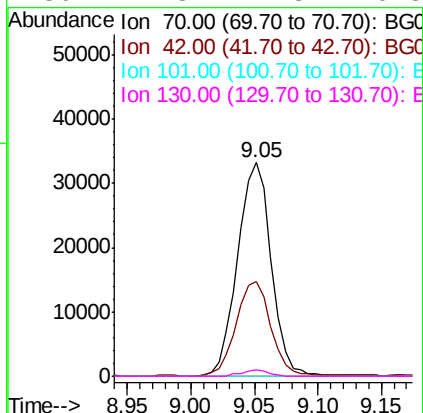




#19
n-Nitroso-di-n-propylamine
Concen: 17.727 ng
RT: 9.05 min Scan# 1015
Delta R.T. 0.34 min
Lab File: BG044476.D
Acq: 18 Feb 2020 17:21

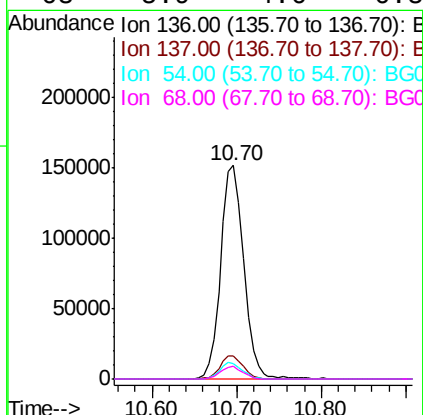
Instrument :
BNA_G
ClientSampleId :

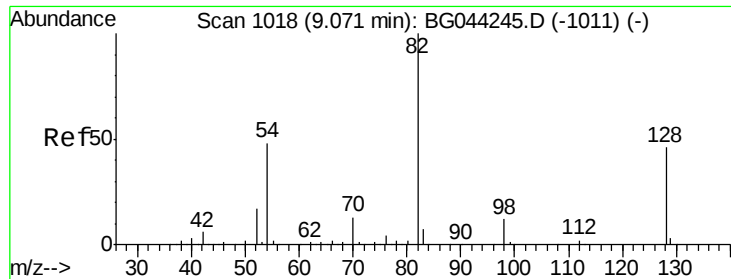
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.2	46.2	69.2#
101	0.0	8.4	12.6#
130	2.8	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG044476.D
Acq: 18 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.5	5.8	8.8
68	5.9	4.6	6.8

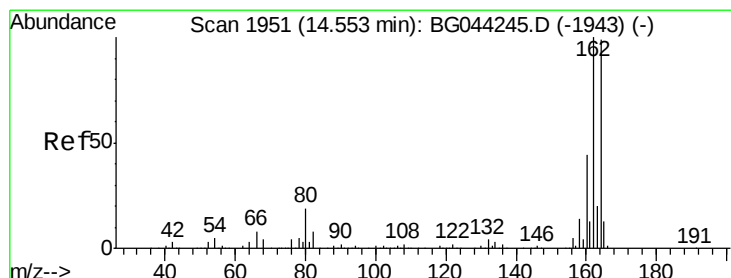
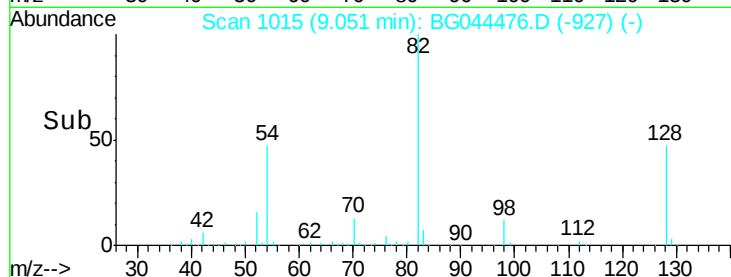
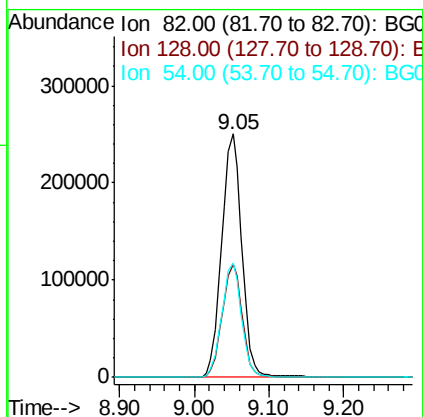
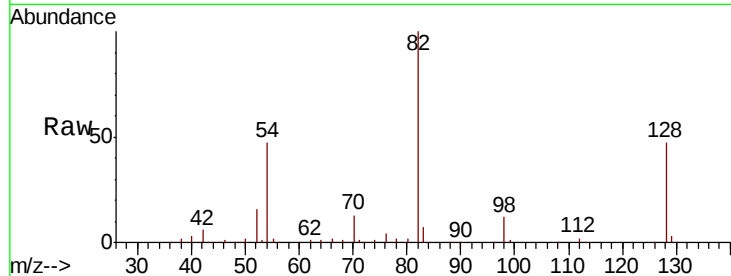




#23
 Nitrobenzene-d5
 Concen: 93.043 ng
 RT: 9.05 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BG044476.D
 Acq: 18 Feb 2020 17:21

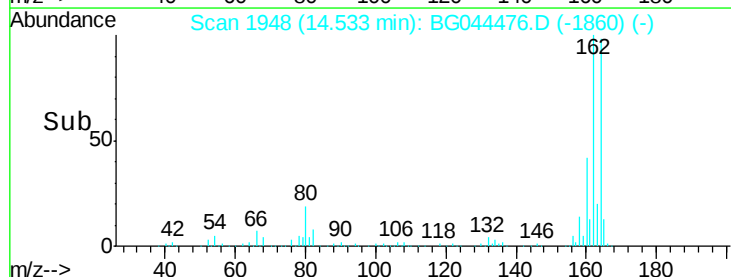
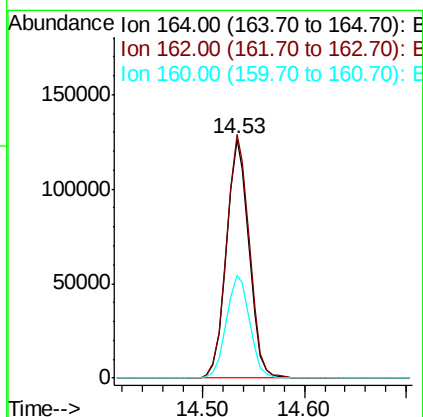
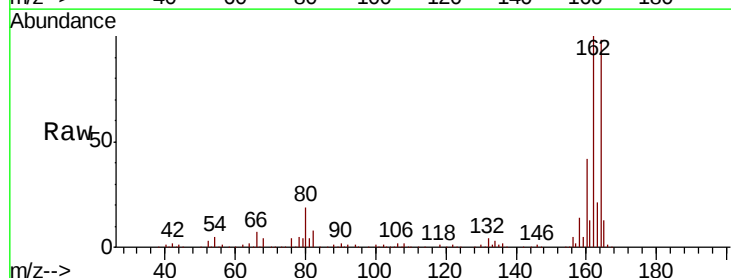
Instrument :
 BNA_G
 ClientSampleId :

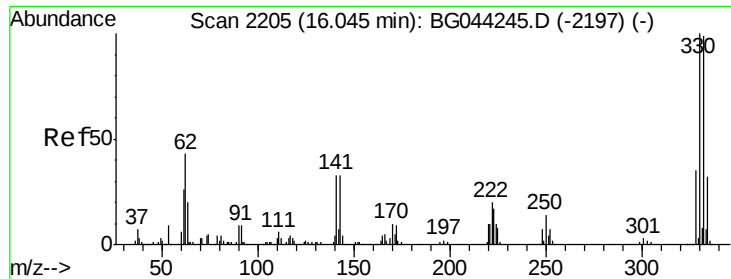
Tot Ion	82	Resp	473393
Ion Ratio	Lower	Upper	
82	100		
128	46.6	36.5	54.7
54	46.8	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG044476.D
 Acq: 18 Feb 2020 17:21

Tgt Ion	164	Resp	194407
Ion Ratio	Lower	Upper	
164	100		
162	101.9	80.7	121.1
160	43.2	35.3	52.9

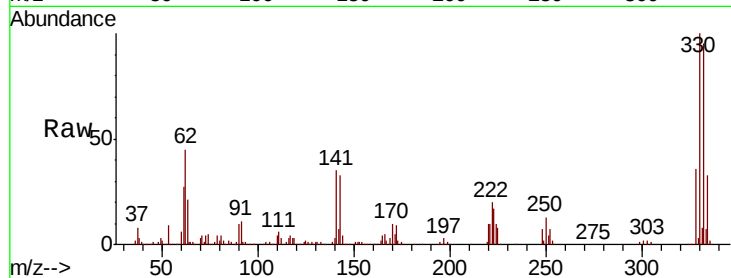




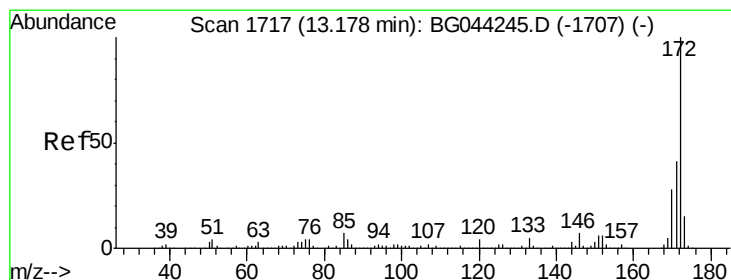
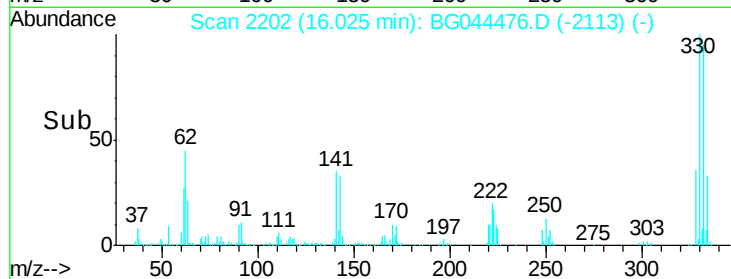
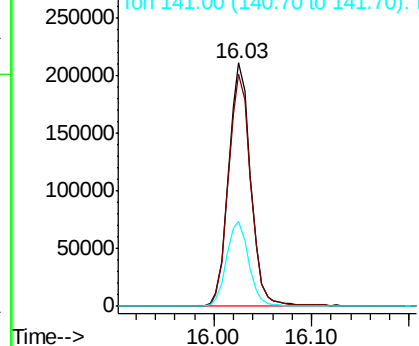
#42
 2,4,6-Tribromophenol
 Concen: 145.504 ng
 RT: 16.03 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BG044476.D
 Acq: 18 Feb 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.2	115.8
141	35.1	28.3	42.5

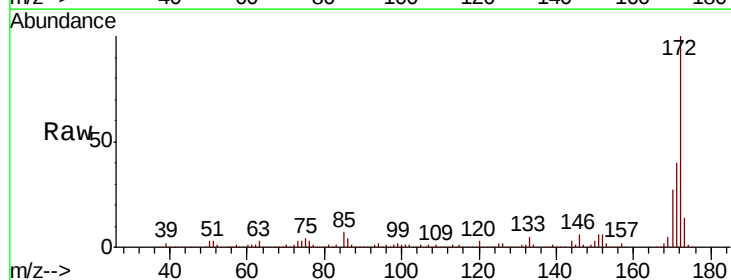


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

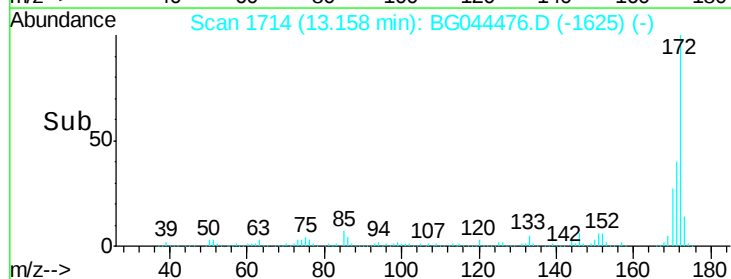
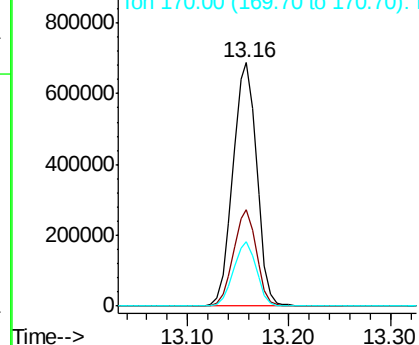


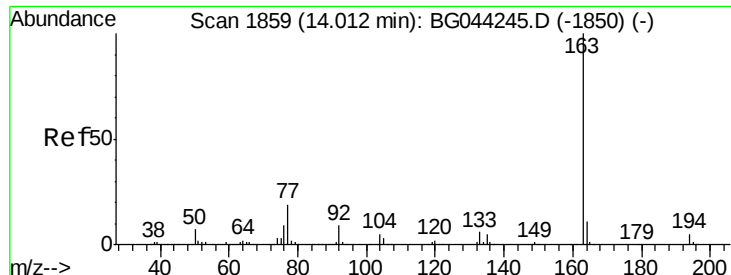
#45
 2-Fluorobiphenyl
 Concen: 96.522 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG044476.D
 Acq: 18 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	32.9	49.3
170	26.5	22.0	33.0



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: 2.022 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044476.D

Acq: 18 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

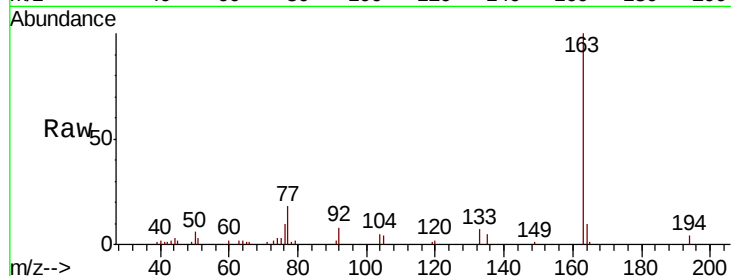
Tot Ion:163 Resp: 28253

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

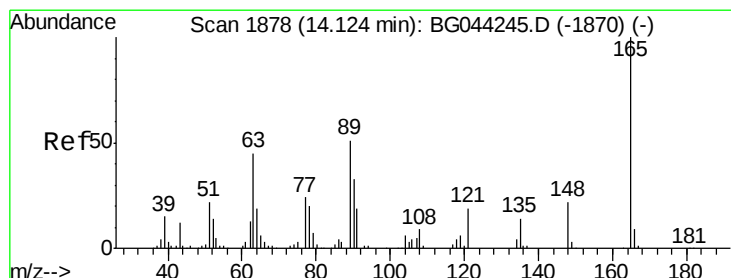
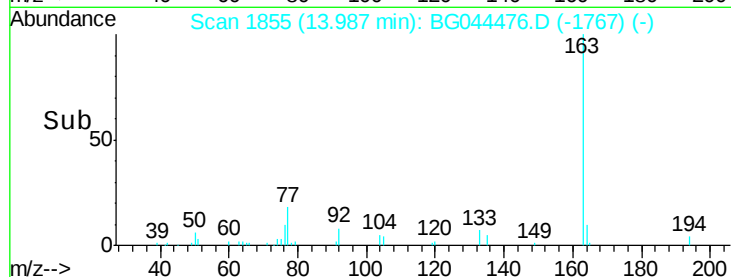
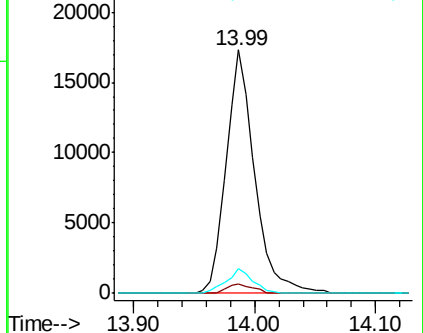
164 10.4 8.7 13.1



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: 8.083 ng

RT: 14.53 min Scan# 1948

Delta R.T. 0.42 min

Lab File: BG044476.D

Acq: 18 Feb 2020 17:21

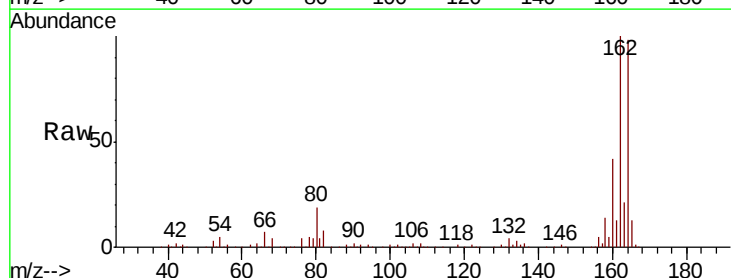
Tgt Ion:165 Resp: 25186

Ion Ratio Lower Upper

165 100

63 0.0 38.7 58.1#

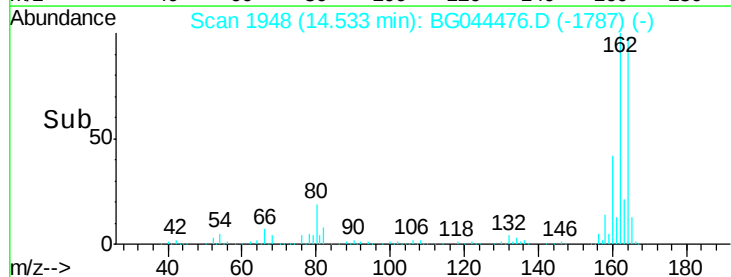
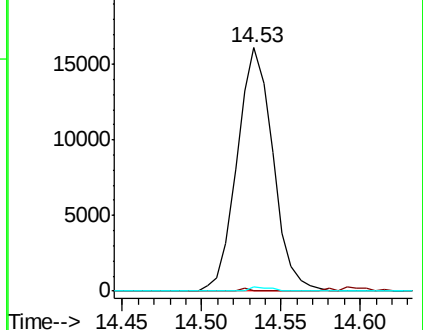
89 1.6 40.4 60.6#

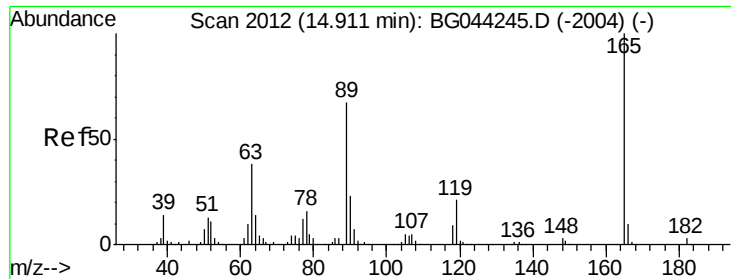


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

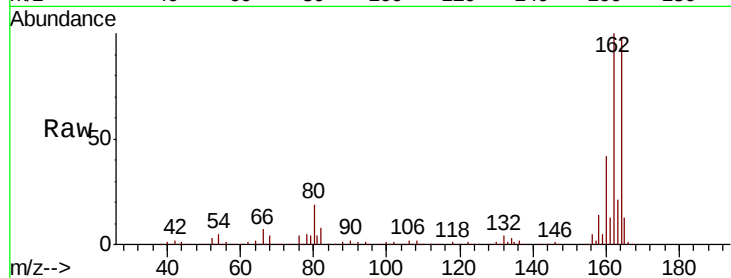




#57
 2,4-Dinitrotoluene
 Concen: 5.767 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG044476.D
 Acq: 18 Feb 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	25186
Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.3	45.5#
89	1.6	53.4	80.2#
182	0.0	2.1	3.1#

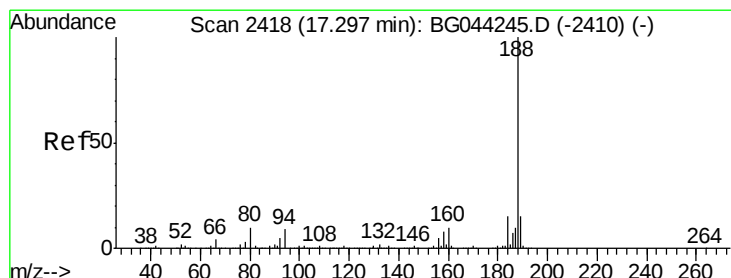
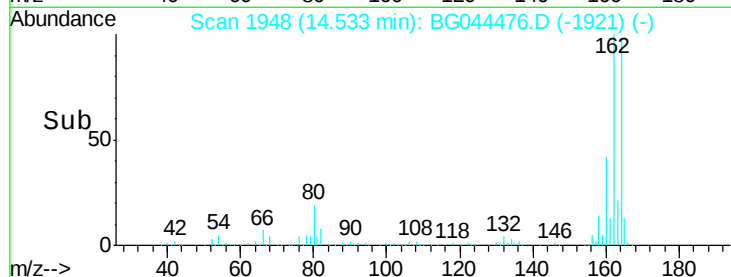
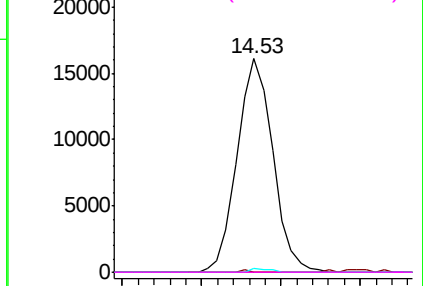


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

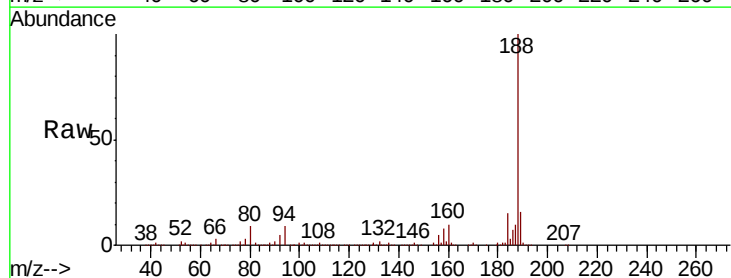
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.28 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG044476.D
 Acq: 18 Feb 2020 17:21

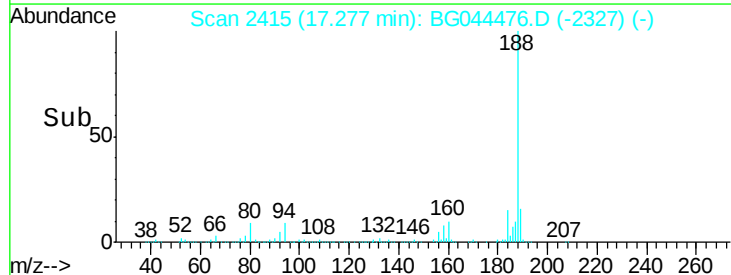
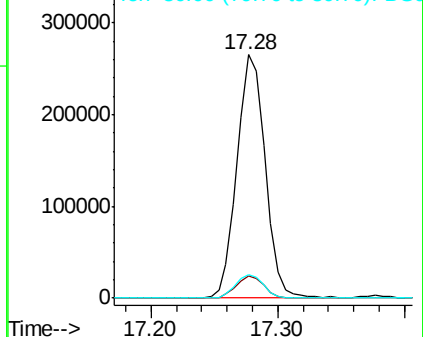
Tgt Ion:	188	Resp:	408920
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.2
80	9.5	7.7	11.5

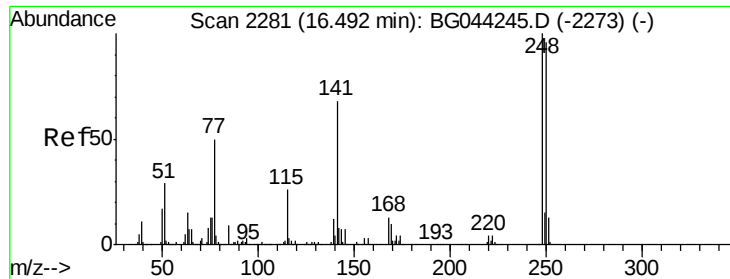


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

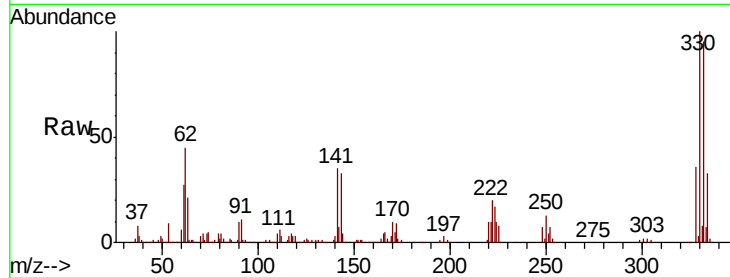




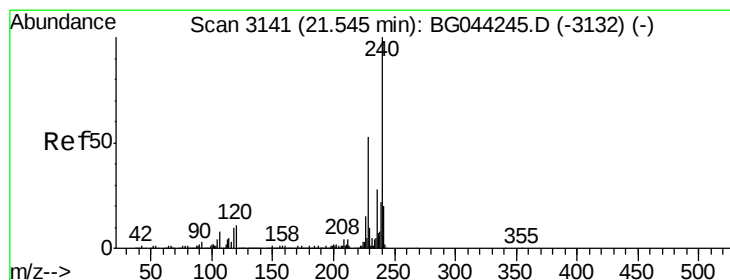
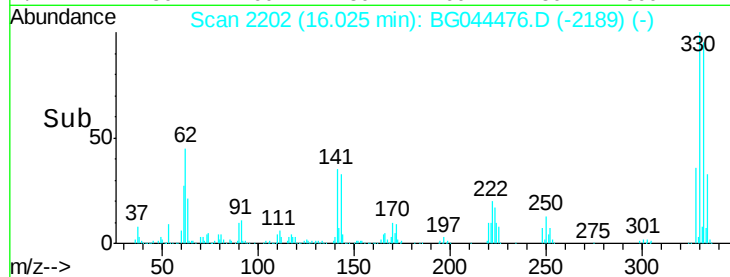
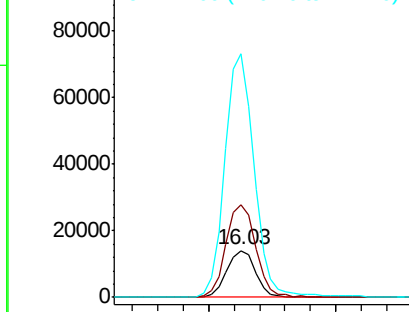
#67
 4-Bromophenyl-phenylether
 Concen: 5.031 ng
 RT: 16.03 min Scan# 2202
 Delta R.T. -0.45 min
 Lab File: BG044476.D
 Acq: 18 Feb 2020 17:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 22413
 Ion Ratio Lower Upper
 248 100
 250 196.7 76.6 114.8#
 141 519.0 54.7 82.1#

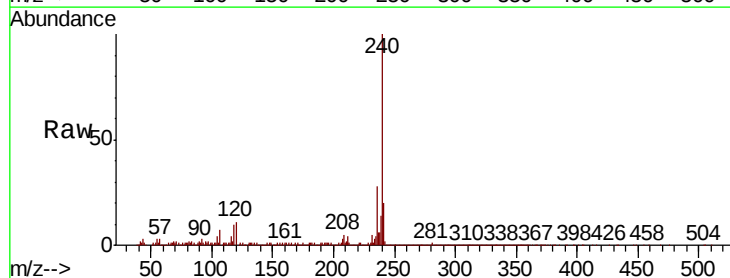


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

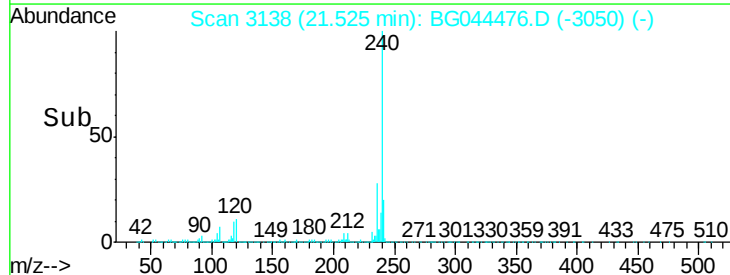
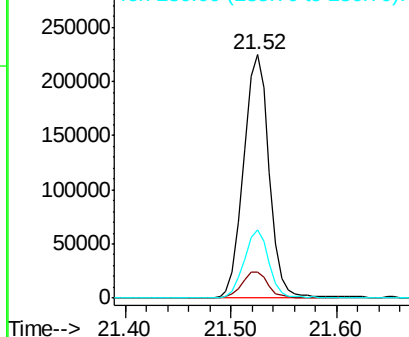


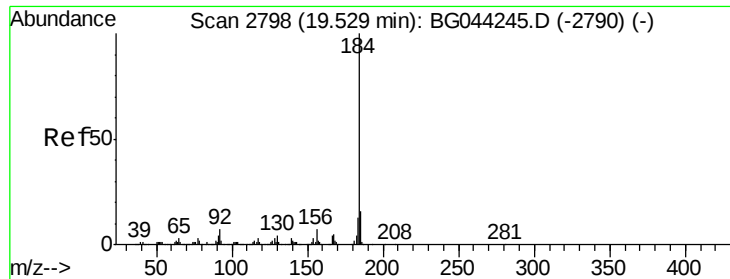
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG044476.D
 Acq: 18 Feb 2020 17:21

Tgt Ion:240 Resp: 376289
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.4 12.6
 236 27.9 22.1 33.1



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: 2.672 ng

RT: 19.90 min Scan# 2861

Delta R.T. 0.38 min

Lab File: BG044476.D

Acq: 18 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

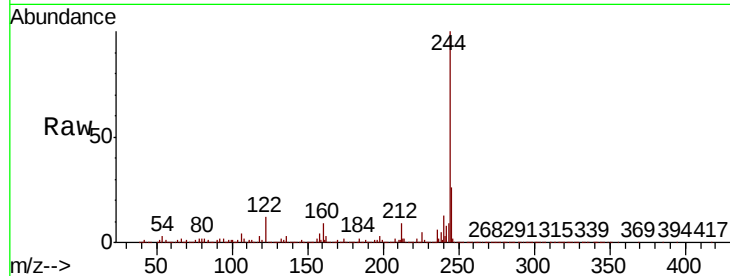
Tot Ion:184 Resp: 27884

Ion Ratio Lower Upper

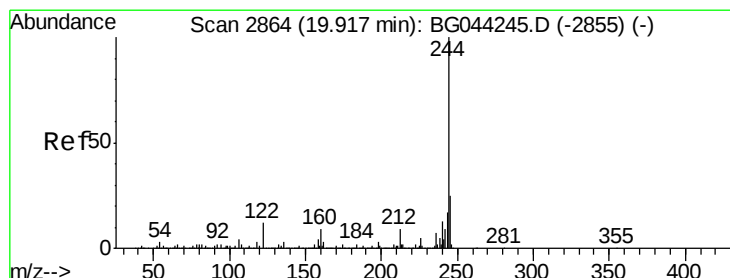
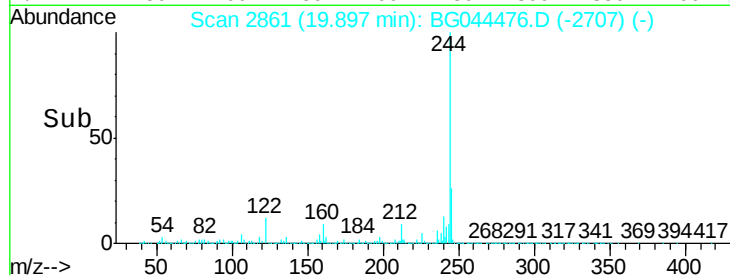
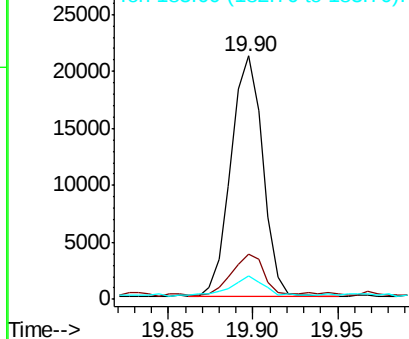
184 100

185 18.3 12.9 19.3

183 9.6 10.8 16.2#



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: 90.582 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG044476.D

Acq: 18 Feb 2020 17:21

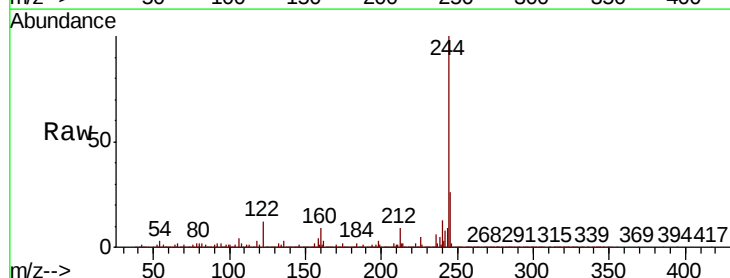
Tgt Ion:244 Resp: 1657130

Ion Ratio Lower Upper

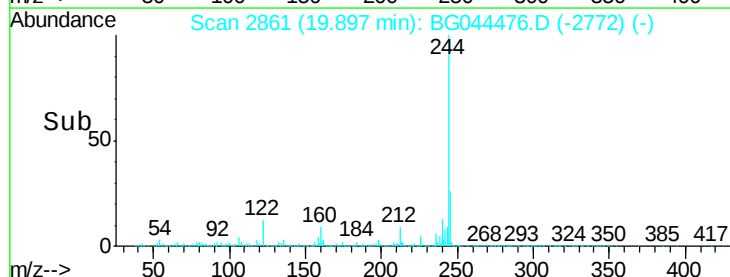
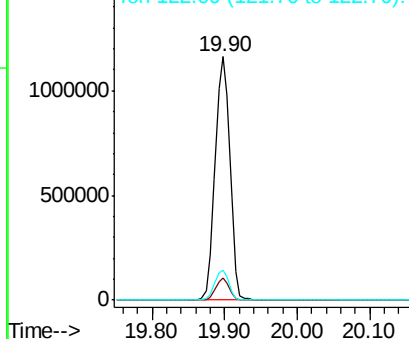
244 100

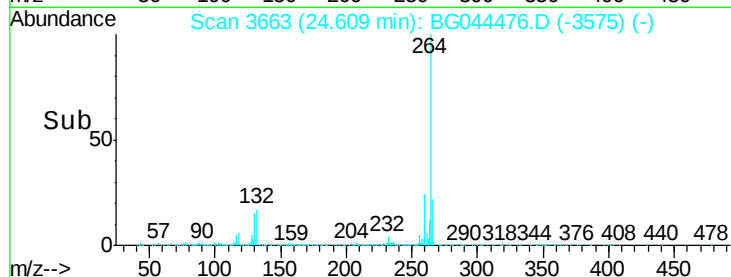
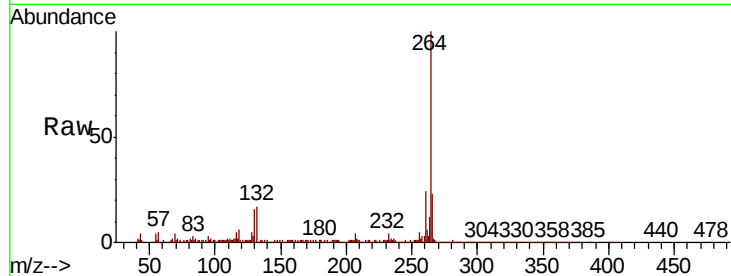
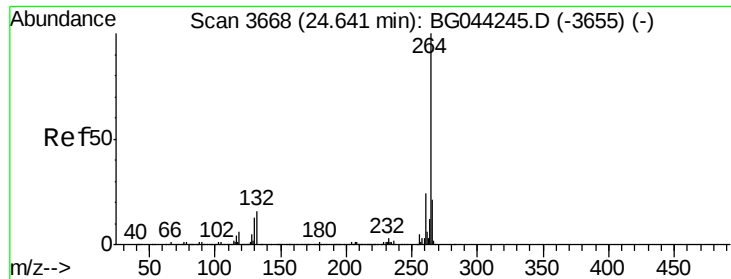
212 9.2 7.4 11.2

122 12.4 9.8 14.6



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: 24.61 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BG044476.D
Acq: 18 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	22.6	16.7	25.1

