

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021720\
 Data File : BG044464.D
 Acq On : 18 Feb 2020 2:10
 Operator : CG/JU
 Sample : L1546-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 18 06:08:50 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

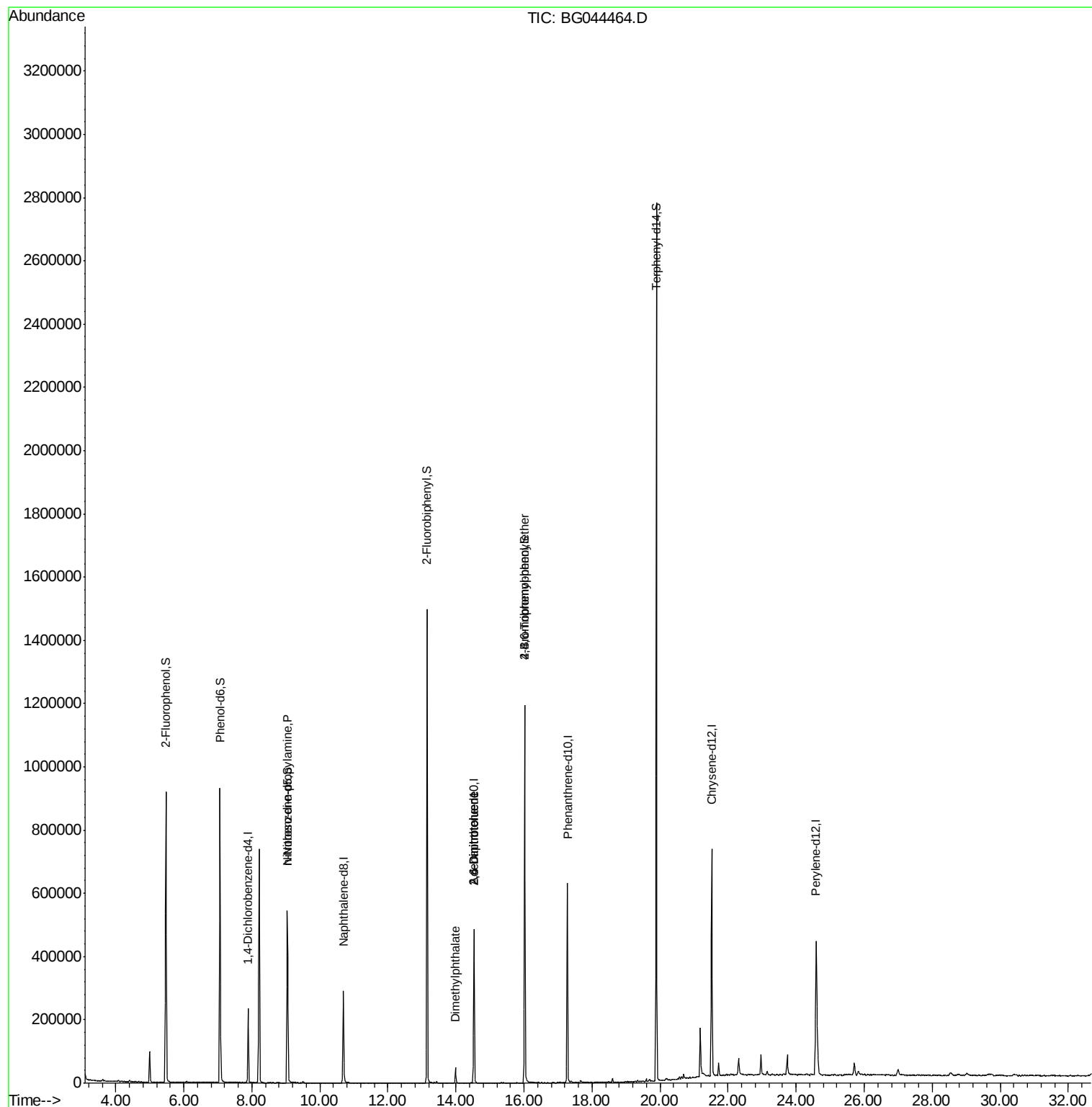
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	72108	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	283709	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	182518	20.00	ng	-0.01
64) Phenanthrene-d10	17.27	188	404013	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	413995	20.00	ng	-0.02
87) Perylene-d12	24.59	264	437181	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	456903	111.83	ng	0.00
7) Phenol-d6	7.06	99	610933	111.35	ng	-0.01
23) Nitrobenzene-d5	9.04	82	371240	73.87	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	248692	116.07	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	822880	75.50	ng	-0.01
79) Terphenyl-d14	19.89	244	1293077	64.24	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.04	70	47216	12.913	ng	# 73
50) Dimethylphthalate	13.98	163	39566	3.016	ng	# 98
51) 2,6-Dinitrotoluene	14.52	165	23638	8.081	ng	# 29
57) 2,4-Dinitrotoluene	14.52	165	23638	5.765	ng	# 27
67) 4-Bromophenyl-phenylether	16.02	248	16433	3.733	ng	# 1

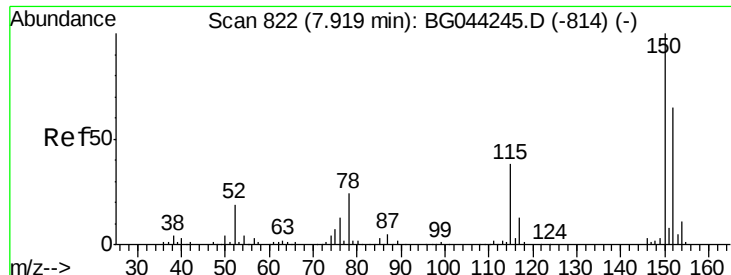
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021720\
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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Feb 18 06:08:50 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



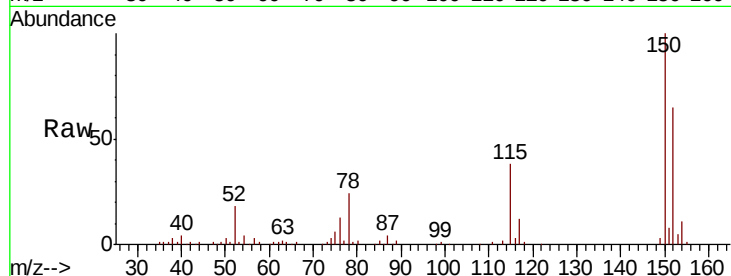


#1

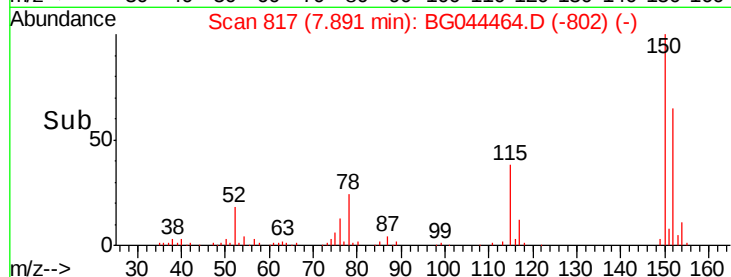
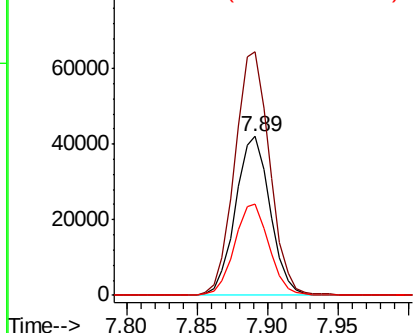
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG044464.D
 Acq: 18 Feb 2020 2:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 72108
 Ion Ratio Lower Upper
 152 100
 150 153.5 122.6 183.8
 115 57.8 46.0 69.0



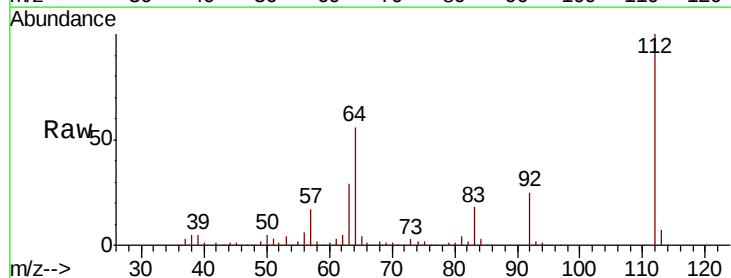
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



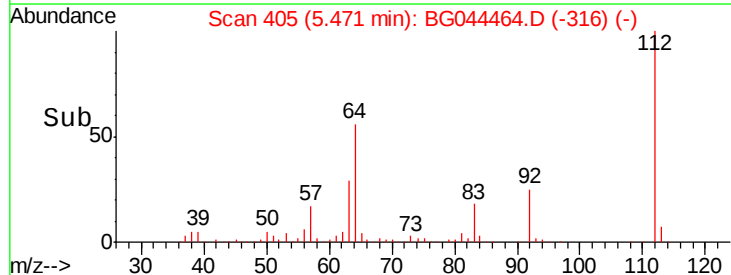
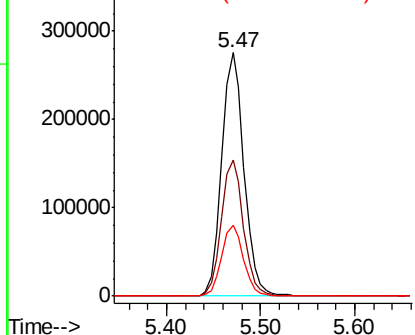
#5

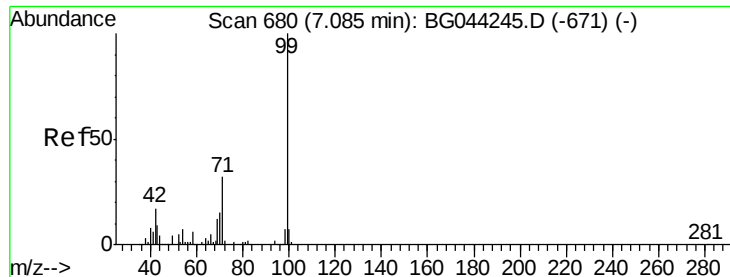
2-Fluorophenol
 Concen: 111.827 ng
 RT: 5.47 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BG044464.D
 Acq: 18 Feb 2020 2:10

Tgt Ion:112 Resp: 456903
 Ion Ratio Lower Upper
 112 100
 64 55.8 45.4 68.2
 63 29.1 22.9 34.3



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





#7

Phenol-d6

Concen: 111.350 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG044464.D

Acq: 18 Feb 2020 2:10

Instrument :

BNA_G

ClientSampleId :

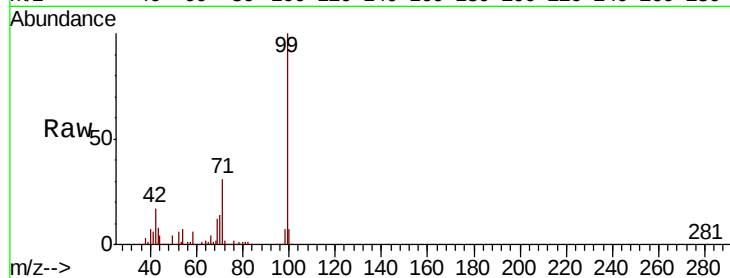
Tot Ion: 99 Resp: 610933

Ion Ratio Lower Upper

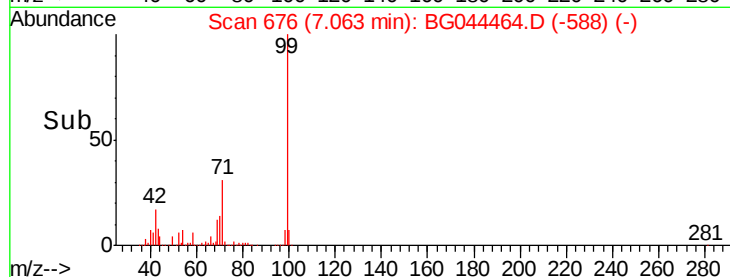
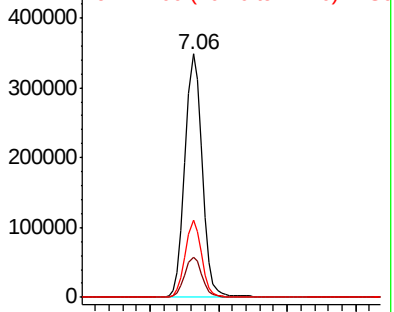
99 100

42 16.6 13.8 20.6

71 31.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.913 ng

RT: 9.04 min Scan# 1013

Delta R.T. 0.33 min

Lab File: BG044464.D

Acq: 18 Feb 2020 2:10

Tgt Ion: 70 Resp: 47216

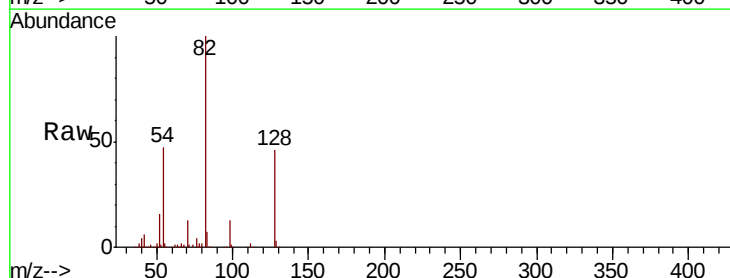
Ion Ratio Lower Upper

70 100

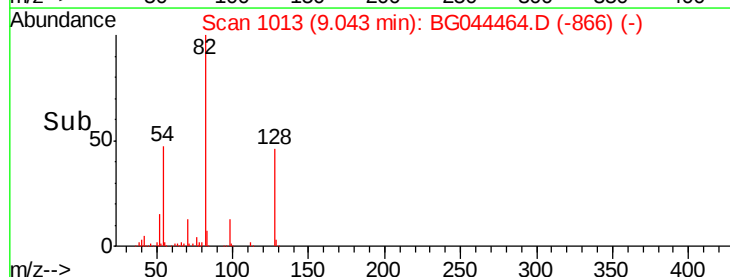
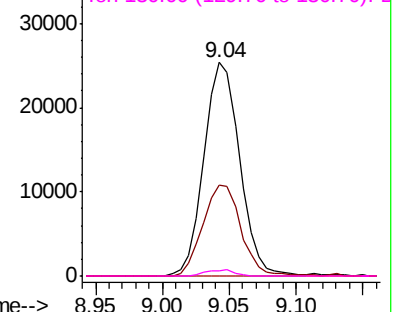
42 42.3 46.2 69.2#

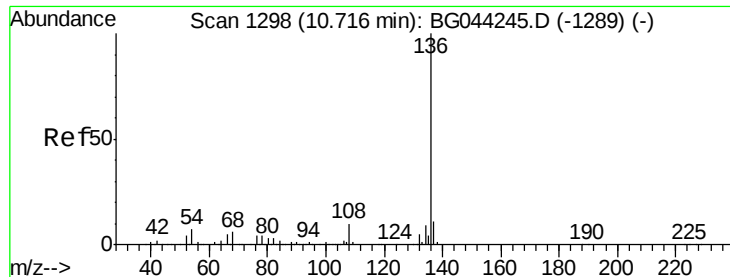
101 0.0 8.4 12.6#

130 2.3 17.8 26.8#



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

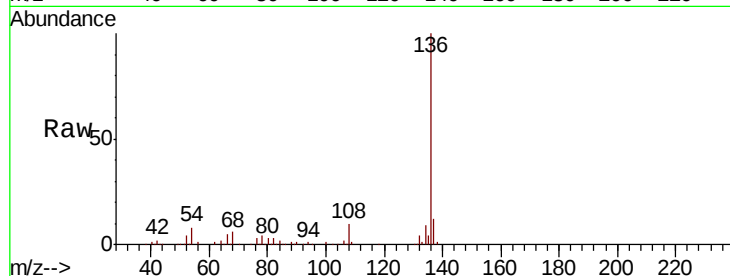




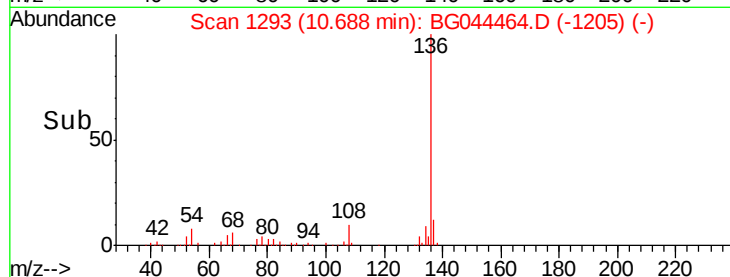
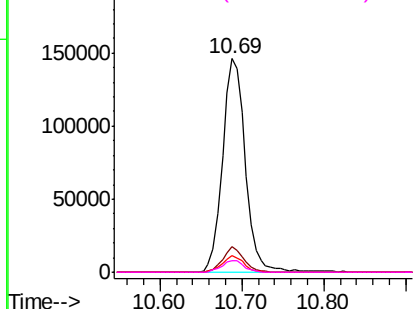
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG044464.D
Acq: 18 Feb 2020 2:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	283709
Ion	Ratio	Lower Upper
136	100	
137	11.7	8.8 13.2
54	7.9	5.8 8.8
68	5.6	4.6 6.8

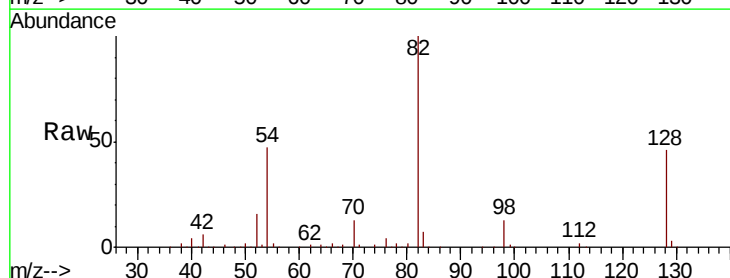


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

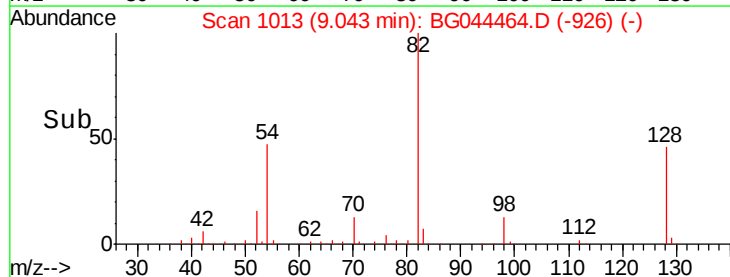
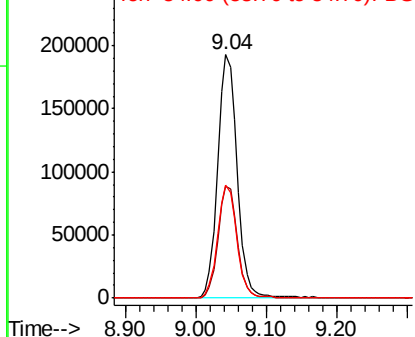


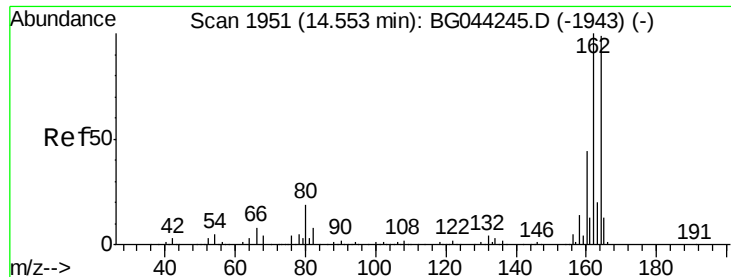
#23
Nitrobenzene-d5
Concen: 73.874 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BG044464.D
Acq: 18 Feb 2020 2:10

Tgt Ion: 82	Resp:	371240
Ion	Ratio	Lower Upper
82	100	
128	45.8	36.5 54.7
54	46.6	38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG044464.D

Acq: 18 Feb 2020 2:10

Instrument :

BNA_G

ClientSampleId :

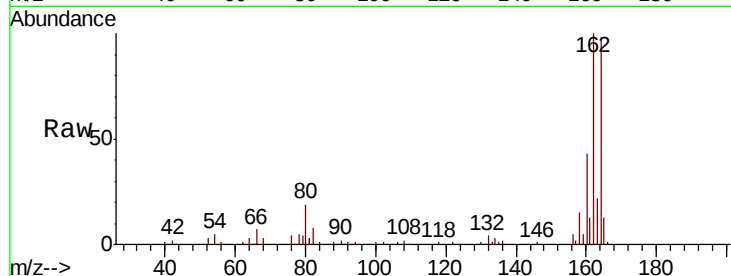
Tot Ion:164 Resp: 182518

Ion Ratio Lower Upper

164 100

162 101.8 80.7 121.1

160 43.8 35.3 52.9

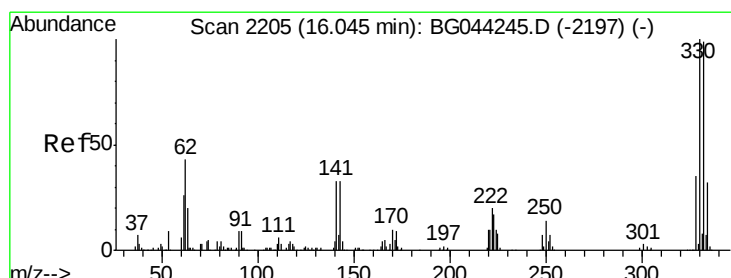
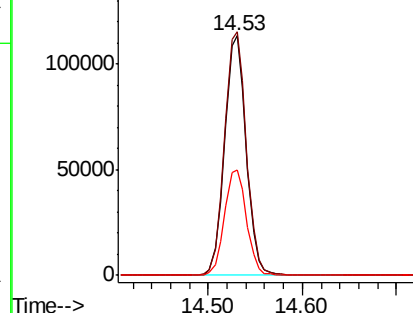
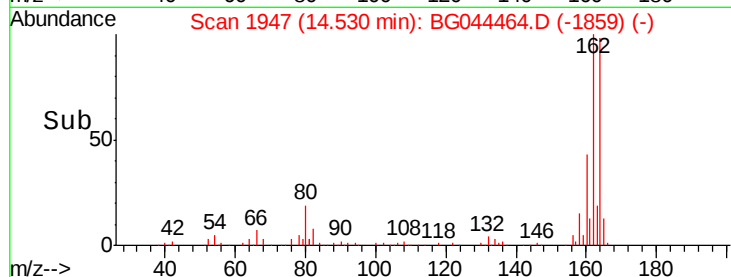


Abundance

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: 116.067 ng

RT: 16.02 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG044464.D

Acq: 18 Feb 2020 2:10

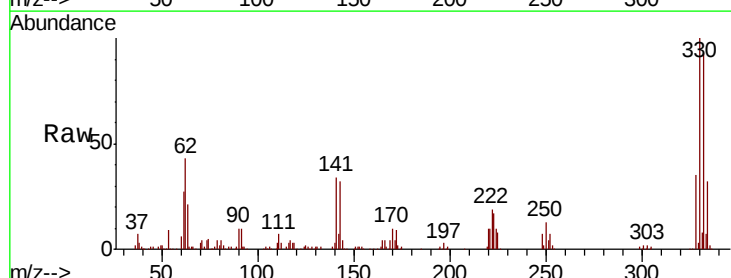
Tgt Ion:330 Resp: 248692

Ion Ratio Lower Upper

330 100

332 94.5 77.2 115.8

141 34.2 28.3 42.5

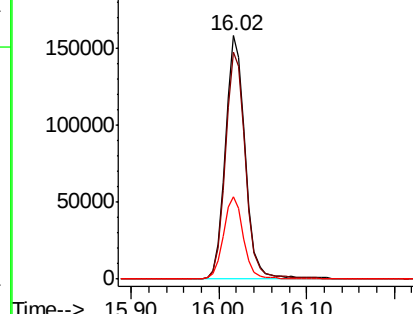
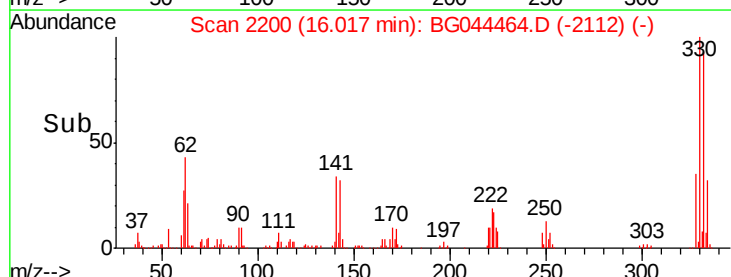


Abundance

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



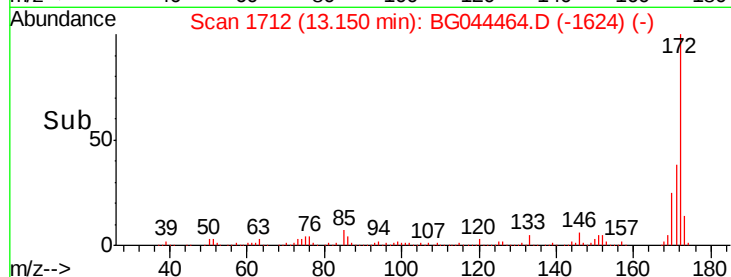
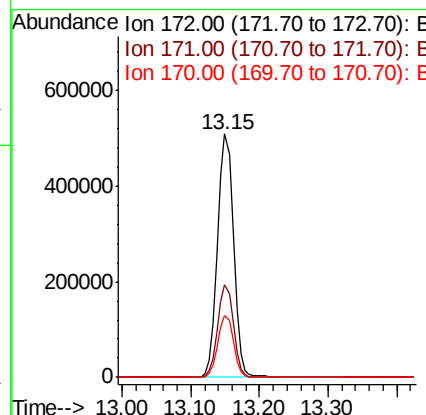
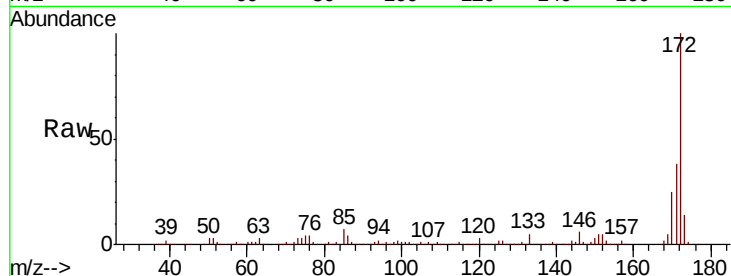


#45
 2-Fluorobiphenyl
 Concen: 75.497 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG044464.D
 Acq: 18 Feb 2020 2:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 822880

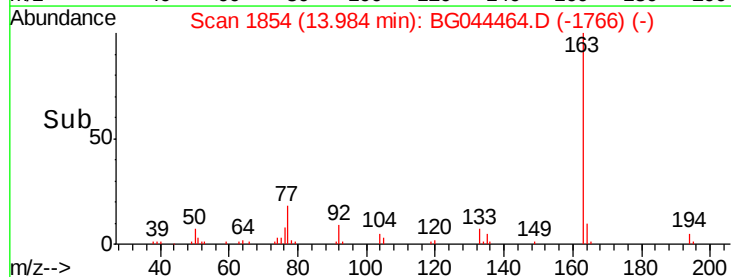
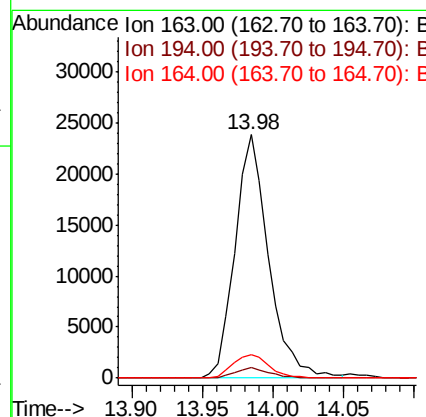
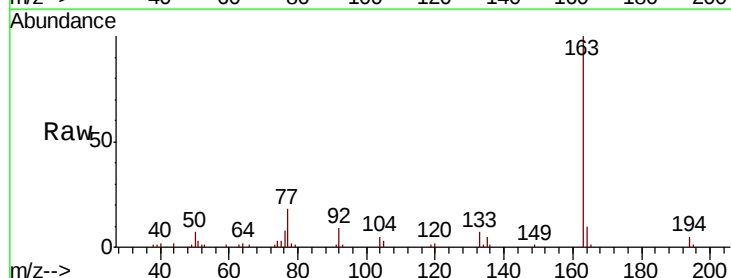
Ion	Ratio	Lower	Upper
172	100		
171	38.0	32.9	49.3
170	25.4	22.0	33.0

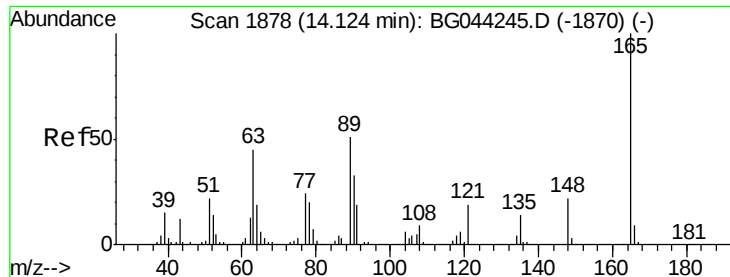


#50
 Dimethylphthalate
 Concen: 3.016 ng
 RT: 13.98 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BG044464.D
 Acq: 18 Feb 2020 2:10

Tgt Ion:163 Resp: 39566

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	9.9	8.7	13.1

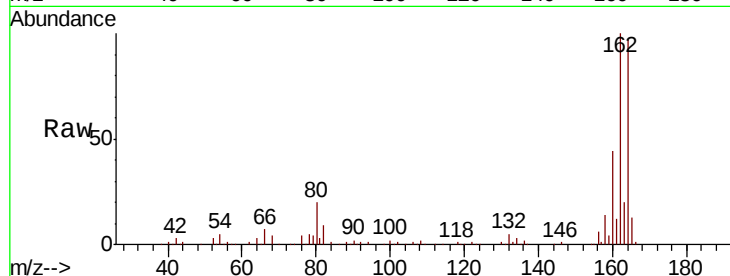




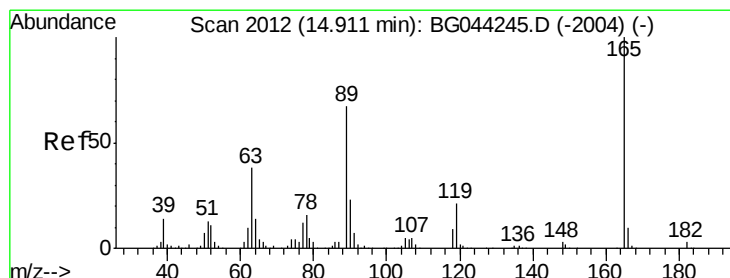
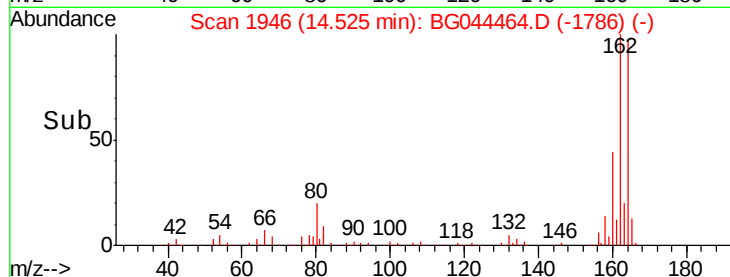
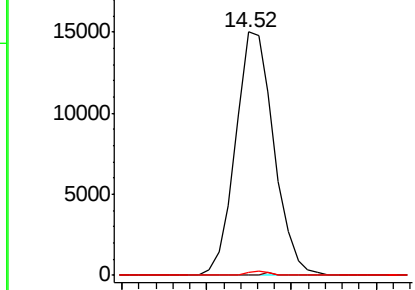
#51
 2,6-Dinitrotoluene
 Concen: 8.081 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. 0.41 min
 Lab File: BG044464.D
 Acq: 18 Feb 2020 2:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.7	58.1#
89	1.2	40.4	60.6#

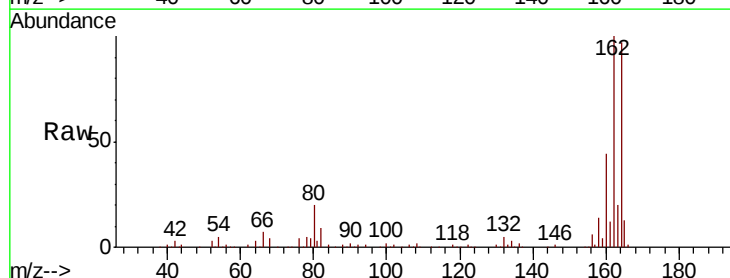


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

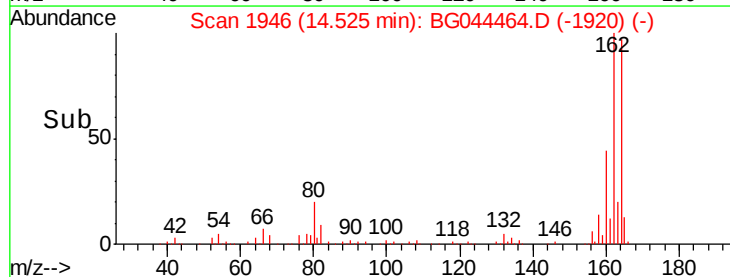
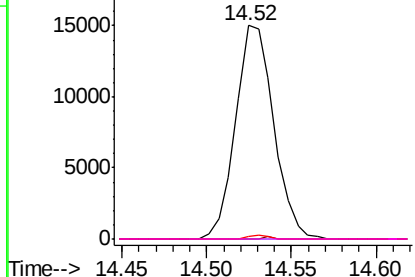


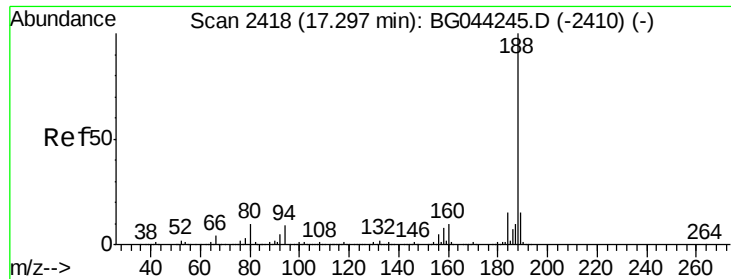
#57
 2,4-Dinitrotoluene
 Concen: 5.765 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG044464.D
 Acq: 18 Feb 2020 2:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.3	45.5#
89	1.2	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: 17.27 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG044464.D

Acq: 18 Feb 2020 2:10

Instrument :

BNA_G

ClientSampleId :

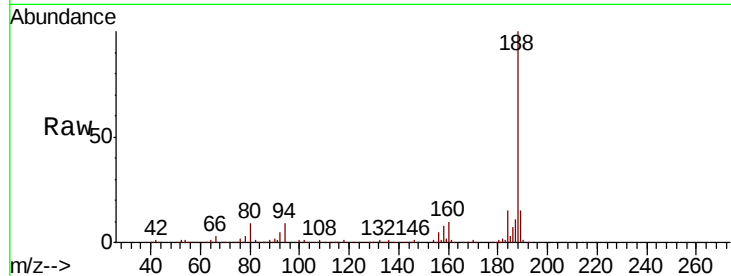
Tot Ion:188 Resp: 404013

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

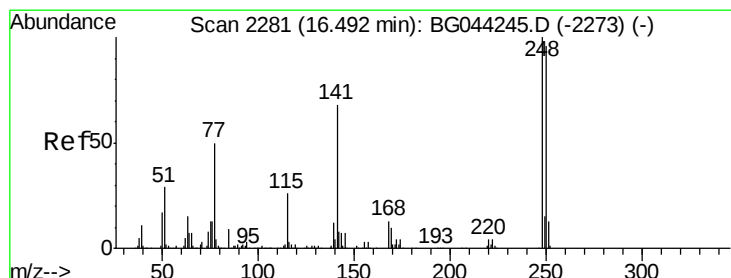
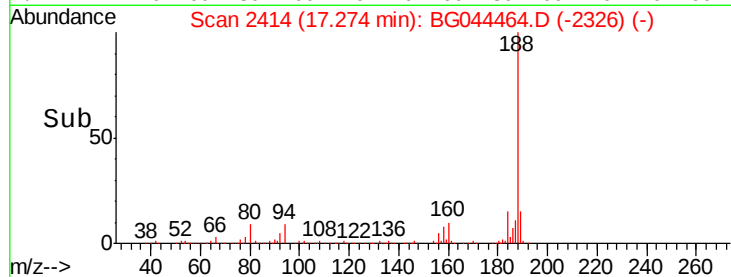
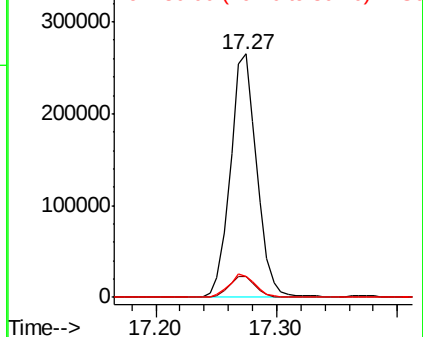
80 8.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 3.733 ng

RT: 16.02 min Scan# 2200

Delta R.T. -0.46 min

Lab File: BG044464.D

Acq: 18 Feb 2020 2:10

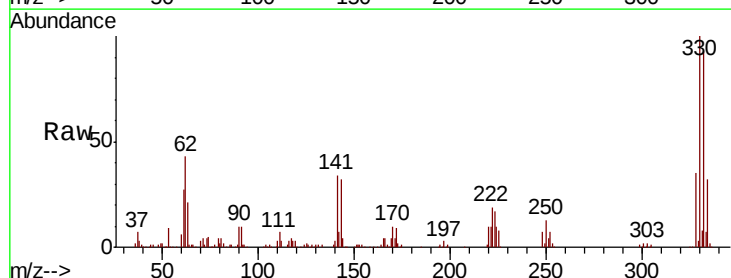
Tgt Ion:248 Resp: 16433

Ion Ratio Lower Upper

248 100

250 193.7 76.6 114.8#

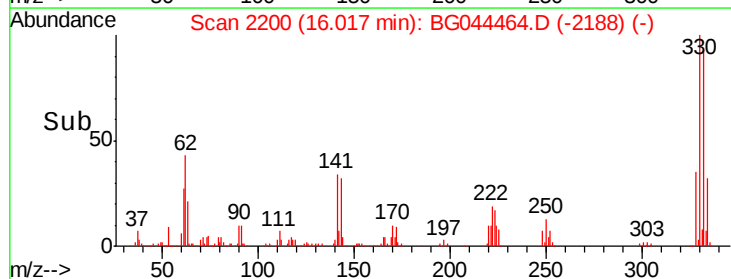
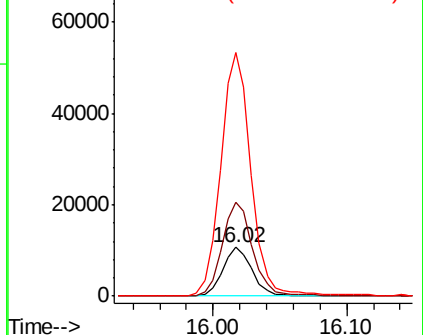
141 499.9 54.7 82.1#



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

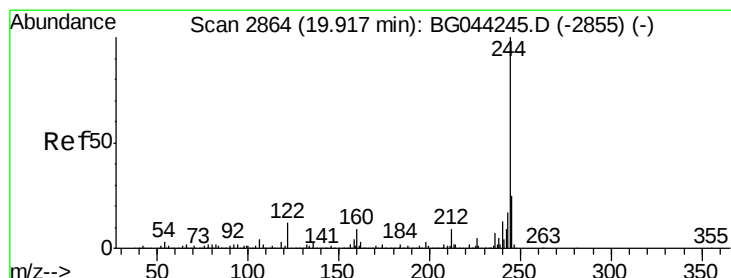
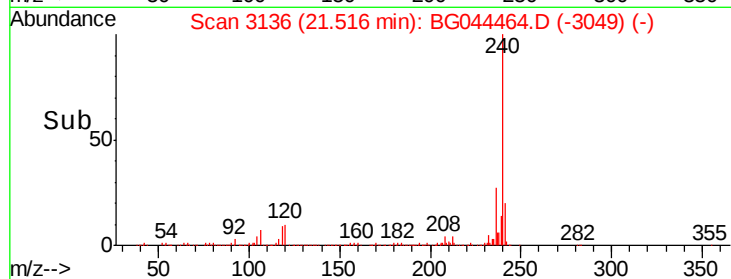
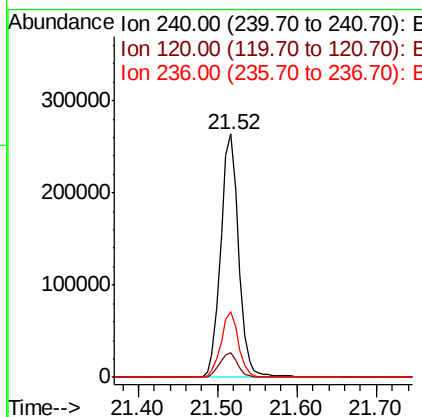
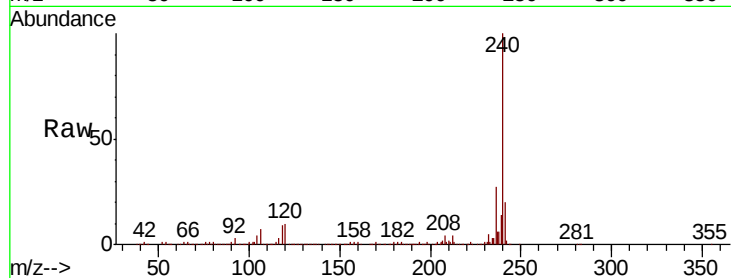




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG044464.D
 Acq: 18 Feb 2020 2:10

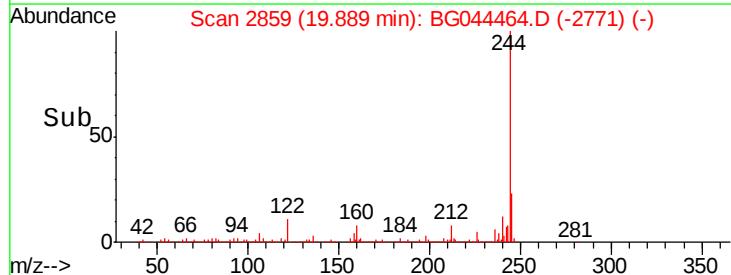
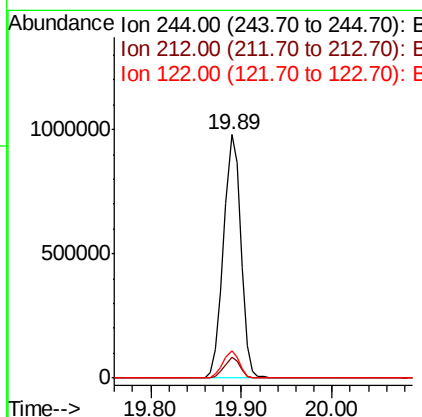
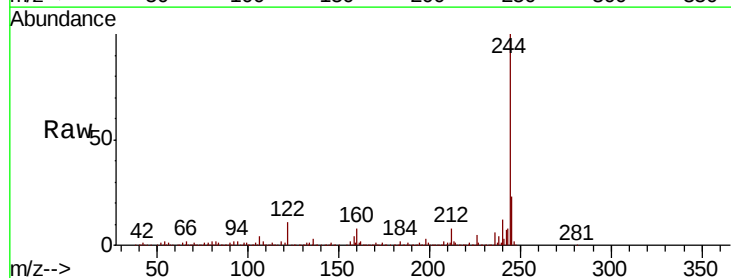
Instrument :
 BNA_G
 ClientSampleId :

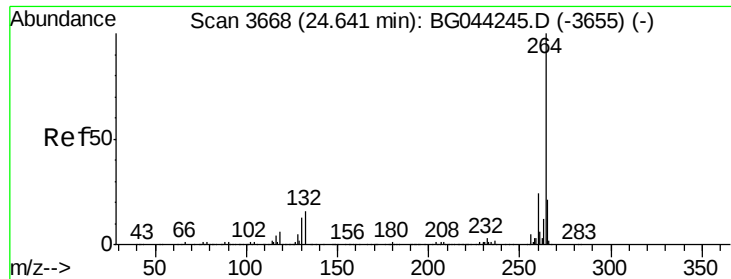
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.4	12.6
236	27.2	22.1	33.1



#79
 Terphenyl-d14
 Concen: 64.245 ng
 RT: 19.89 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BG044464.D
 Acq: 18 Feb 2020 2:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.4	11.2
122	11.2	9.8	14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.59 min Scan# 3659
Delta R.T. -0.03 min
Lab File: BG044464.D
Acq: 18 Feb 2020 2:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 264 Resp: 437181

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.6	16.7	25.1

