

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044501.D
 Acq On : 19 Feb 2020 22:42
 Operator : CG/JU
 Sample : L1575-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 20 07:17:39 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

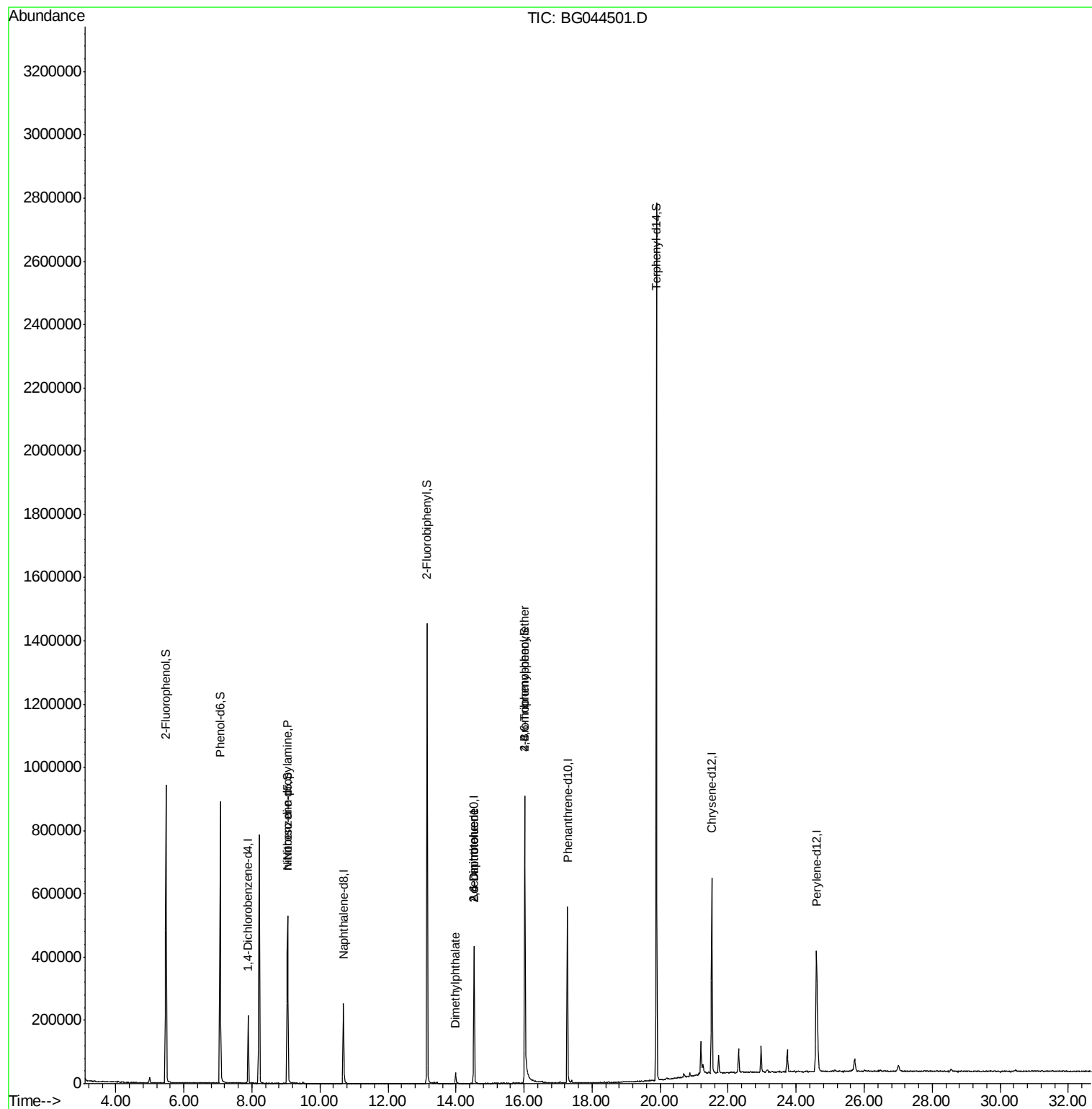
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	63492	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	247536	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	161200	20.00	ng	-0.01
64) Phenanthrene-d10	17.27	188	374489	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	382962	20.00	ng	-0.02
87) Perylene-d12	24.60	264	403036	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	474026	131.76	ng	0.00
7) Phenol-d6	7.07	99	597874	123.76	ng	0.00
23) Nitrobenzene-d5	9.05	82	360796	82.29	ng	-0.01
42) 2,4,6-Tribromophenol	16.02	330	239859	126.75	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	816756	84.85	ng	-0.01
79) Terphenyl-d14	19.89	244	1391612	74.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.04	70	46599	14.473	ng	# 72
50) Dimethylphthalate	13.99	163	31176	2.690	ng	# 95
51) 2,6-Dinitrotoluene	14.53	165	21021	8.136	ng	# 30
57) 2,4-Dinitrotoluene	14.53	165	21021	5.805	ng	# 28
67) 4-Bromophenyl-phenylether	16.02	248	15191	3.723	ng	# 1

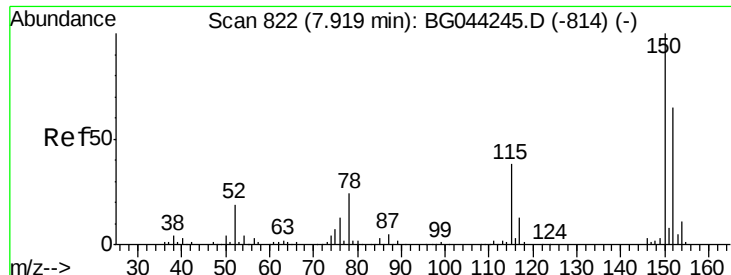
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration



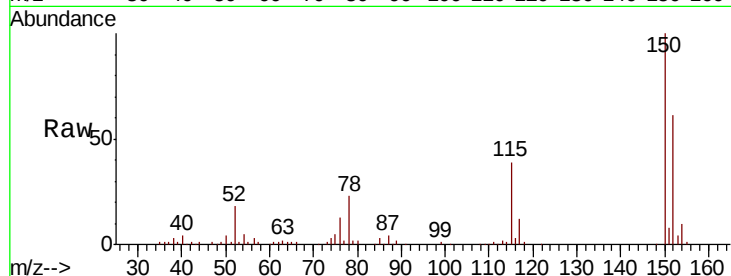


#1

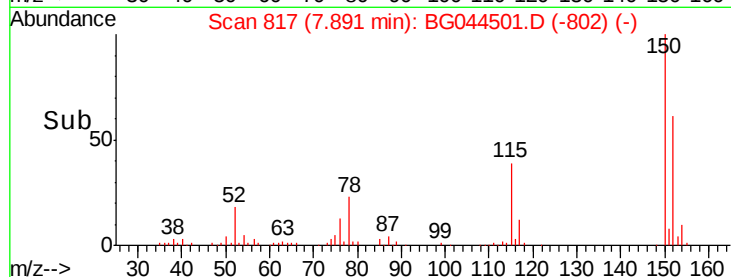
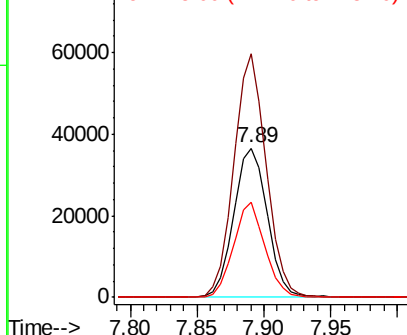
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG044501.D
Acq: 19 Feb 2020 22:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63492
Ion Ratio Lower Upper
152 100
150 163.0 122.6 183.8
115 64.0 46.0 69.0



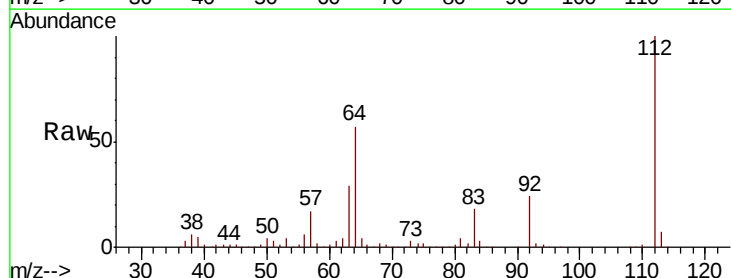
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



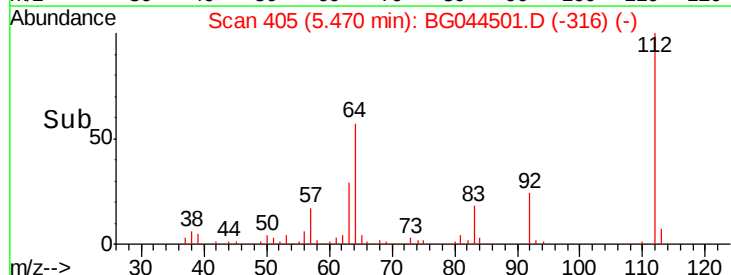
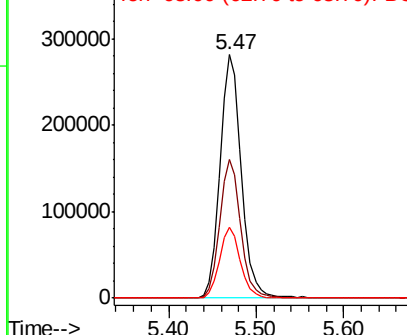
#5

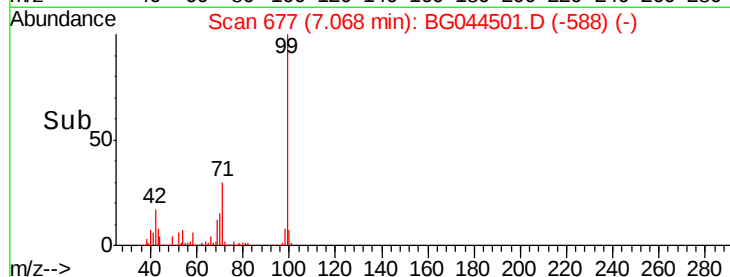
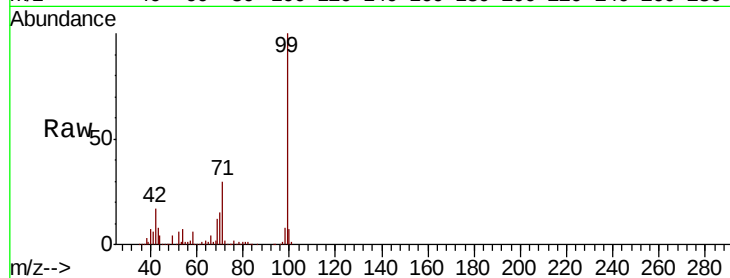
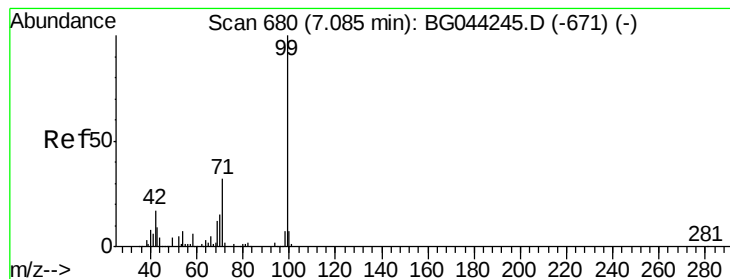
2-Fluorophenol
Concen: 131.762 ng
RT: 5.47 min Scan# 405
Delta R.T. -0.01 min
Lab File: BG044501.D
Acq: 19 Feb 2020 22:42

Tgt Ion:112 Resp: 474026
Ion Ratio Lower Upper
112 100
64 56.9 45.4 68.2
63 28.9 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: 123.757 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044501.D

Acq: 19 Feb 2020 22:42

Instrument :

BNA_G

ClientSampleId :

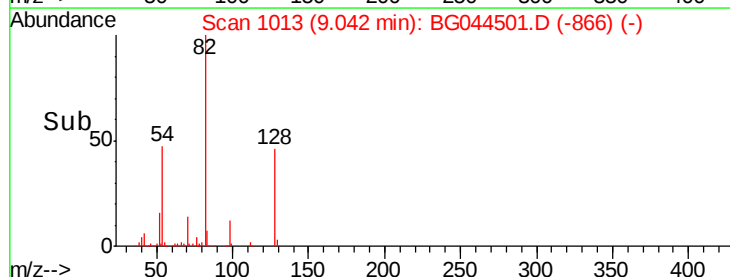
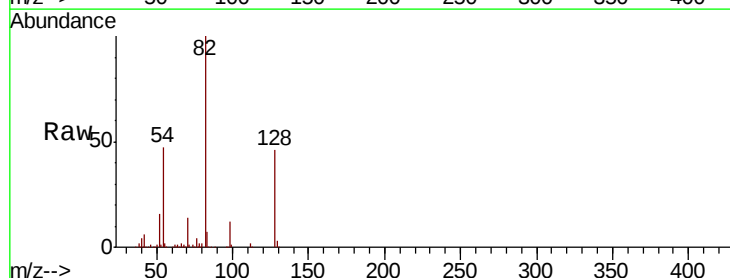
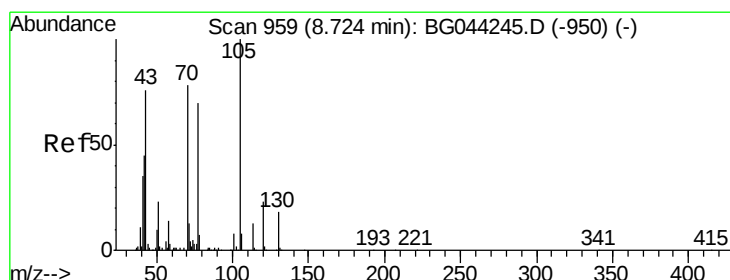
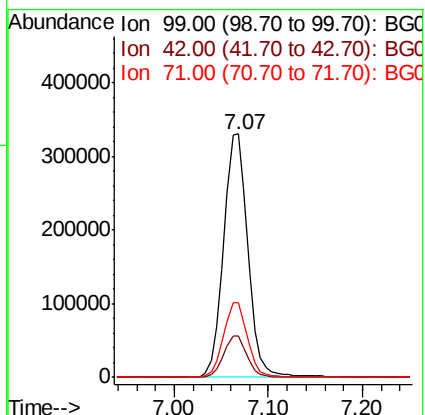
Tot Ion: 99 Resp: 597874

Ion Ratio Lower Upper

99 100

42 16.7 13.8 20.6

71 30.5 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.473 ng

RT: 9.04 min Scan# 1013

Delta R.T. 0.33 min

Lab File: BG044501.D

Acq: 19 Feb 2020 22:42

Tgt Ion: 70 Resp: 46599

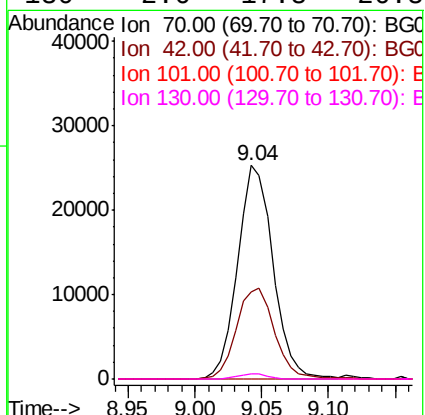
Ion Ratio Lower Upper

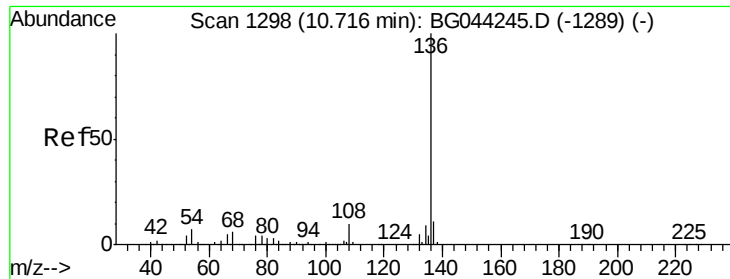
70 100

42 40.5 46.2 69.2#

101 0.0 8.4 12.6#

130 2.6 17.8 26.8#

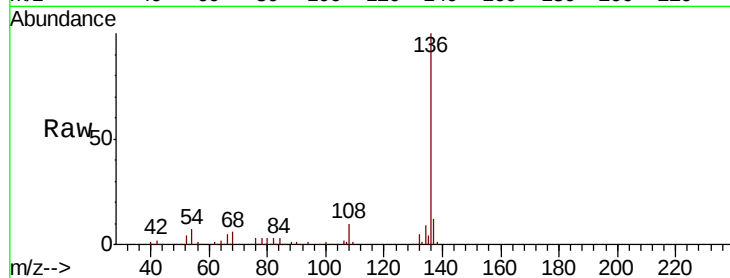




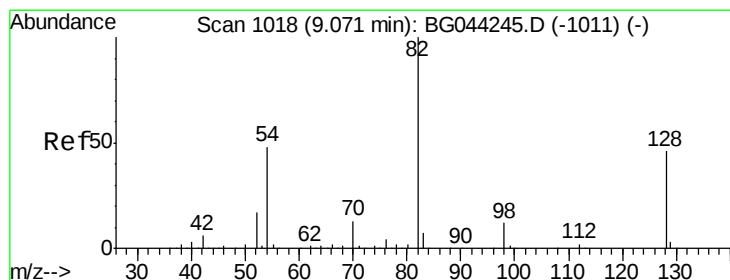
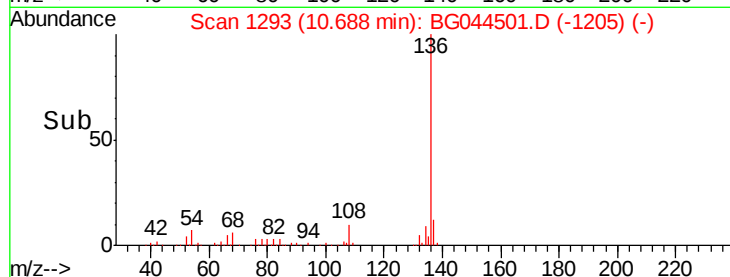
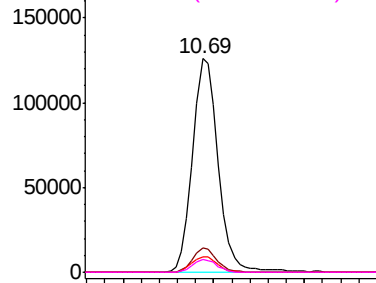
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG044501.D
Acq: 19 Feb 2020 22:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	247536
Ion	Ratio	Lower Upper
136	100	
137	11.7	8.8 13.2
54	7.5	5.8 8.8
68	6.0	4.6 6.8

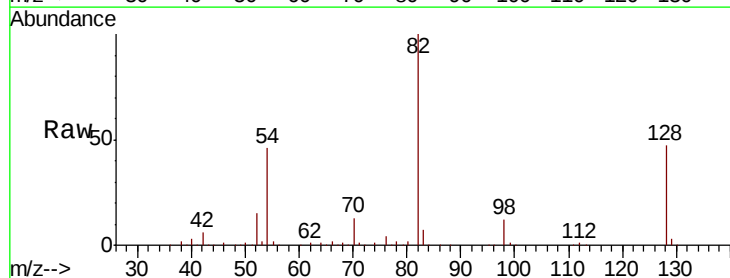


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

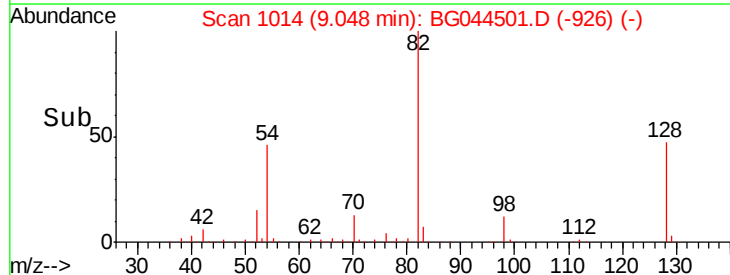
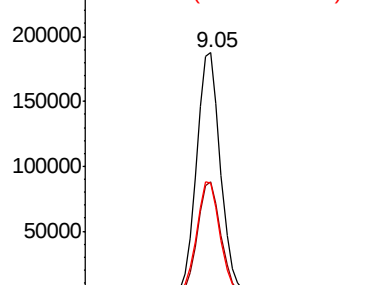


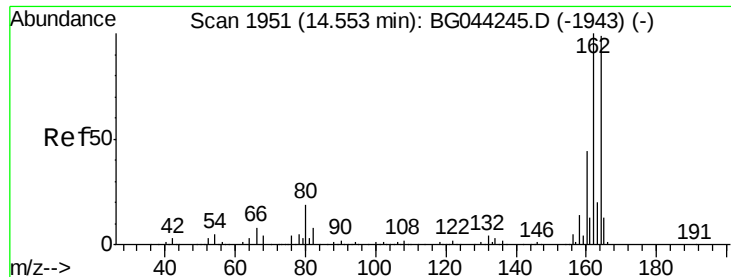
#23
Nitrobenzene-d5
Concen: 82.288 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG044501.D
Acq: 19 Feb 2020 22:42

Tgt Ion: 82	Resp:	360796
Ion	Ratio	Lower Upper
82	100	
128	46.7	36.5 54.7
54	46.2	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

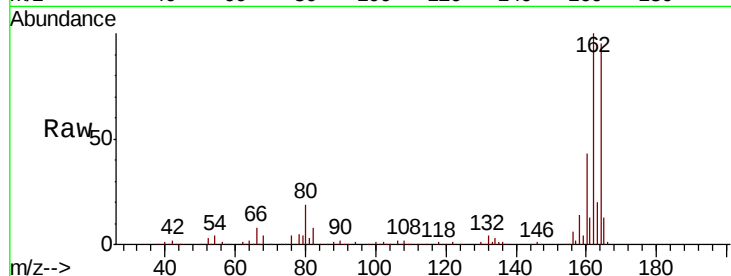




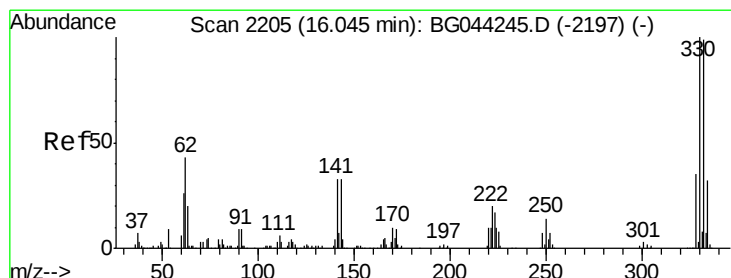
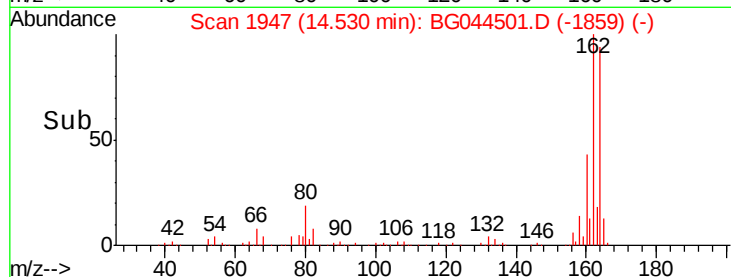
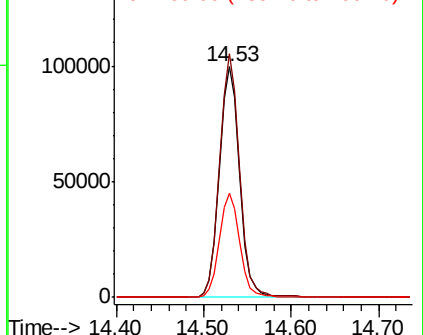
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG044501.D
Acq: 19 Feb 2020 22:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.7	80.7	121.1
160	45.2	35.3	52.9

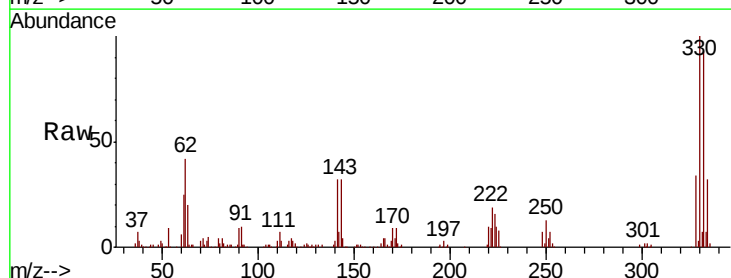


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

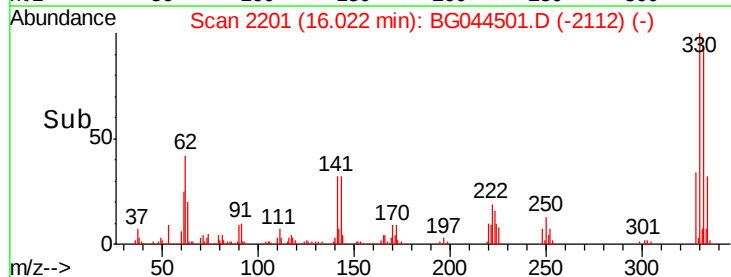
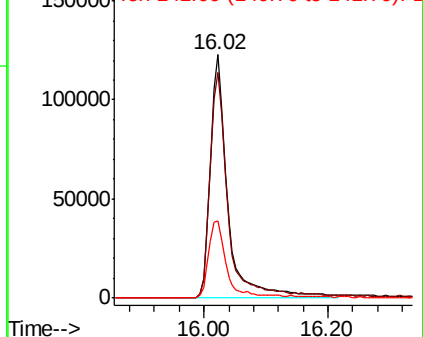


#42
2,4,6-Tribromophenol
Concen: 126.749 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG044501.D
Acq: 19 Feb 2020 22:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.0	77.2	115.8
141	32.7	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

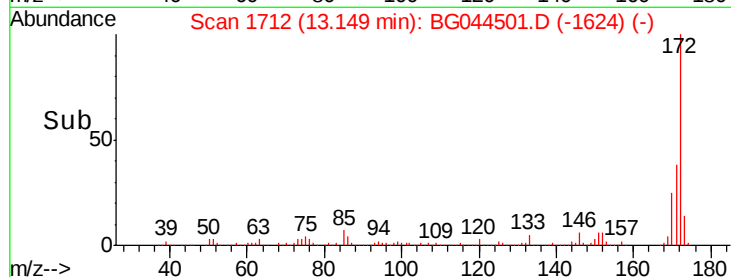
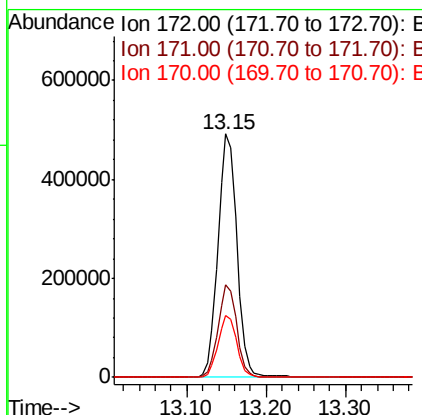
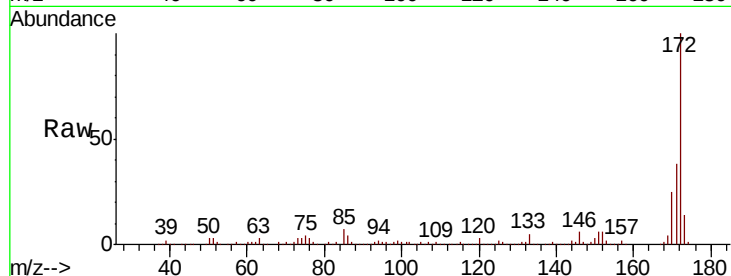




#45
2-Fluorobiphenyl
Concen: 84.845 ng
RT: 13.15 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG044501.D
Acq: 19 Feb 2020 22:42

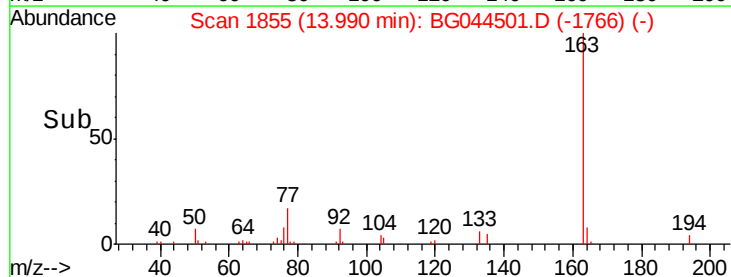
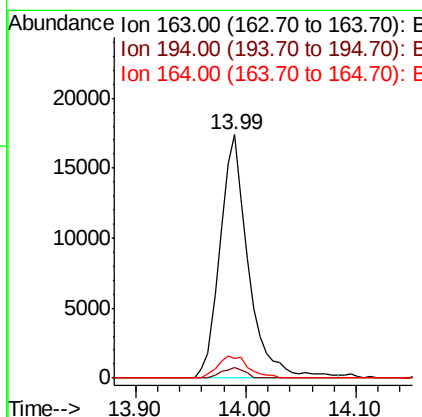
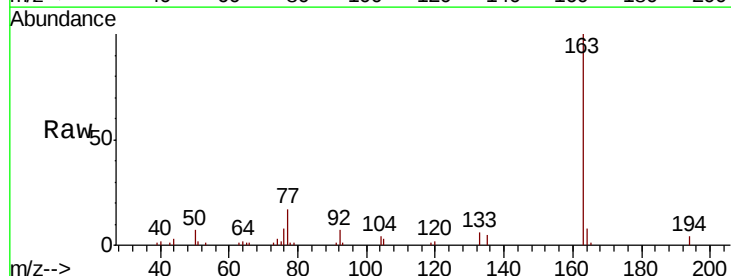
Instrument :
BNA_G
ClientSampleId :

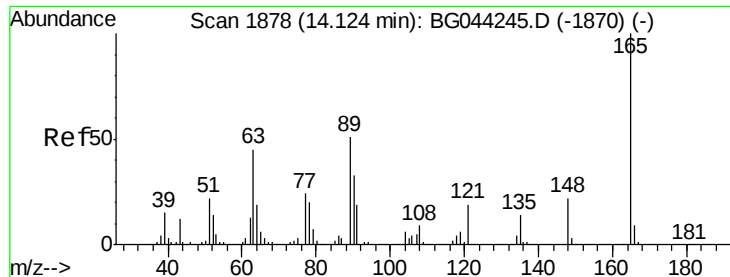
Tot Ion:172 Resp: 816756
Ion Ratio Lower Upper
172 100
171 38.1 32.9 49.3
170 25.3 22.0 33.0



#50
Dimethylphthalate
Concen: 2.690 ng
RT: 13.99 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BG044501.D
Acq: 19 Feb 2020 22:42

Tgt Ion:163 Resp: 31176
Ion Ratio Lower Upper
163 100
194 4.2 3.6 5.4
164 8.2 8.7 13.1#

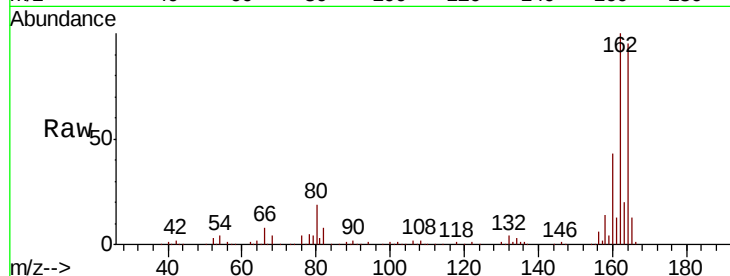




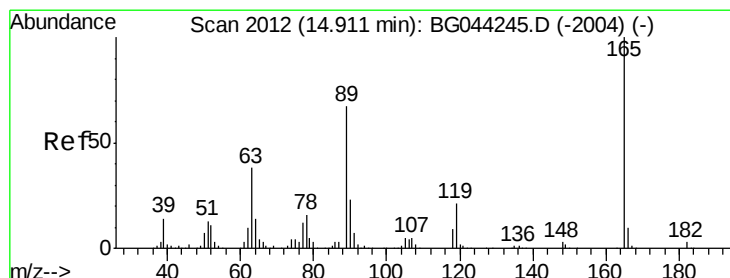
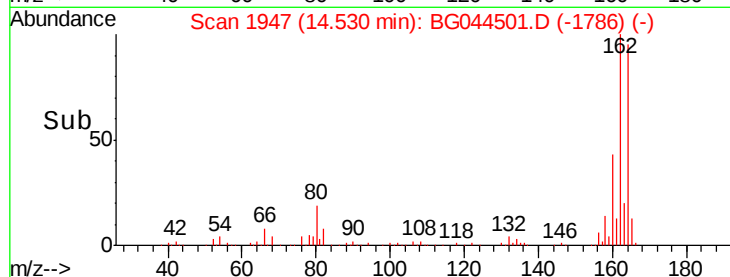
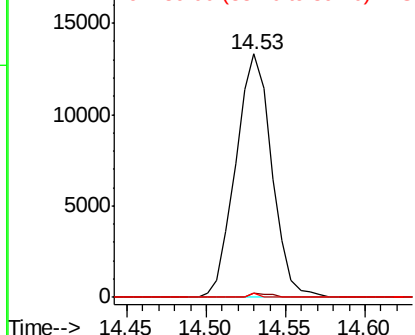
#51
 2,6-Dinitrotoluene
 Concen: 8.136 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG044501.D
 Acq: 19 Feb 2020 22:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	38.7	58.1#
89	1.6	40.4	60.6#

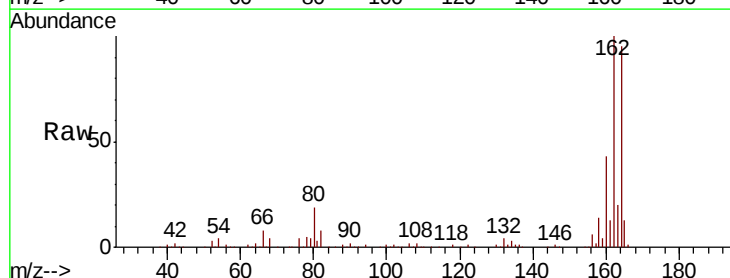


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

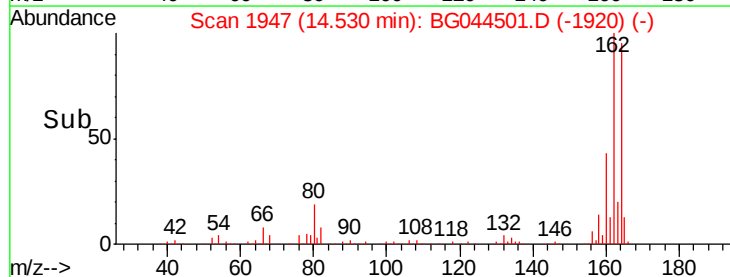
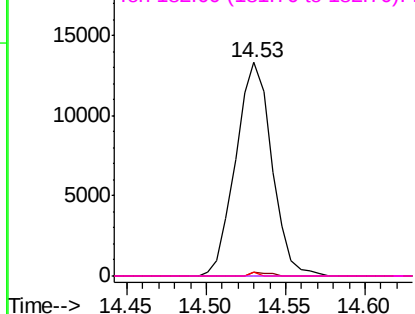


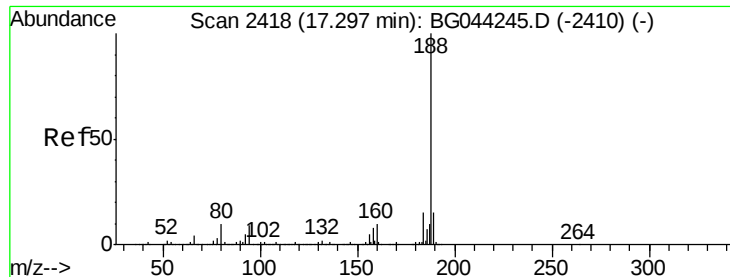
#57
 2,4-Dinitrotoluene
 Concen: 5.805 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG044501.D
 Acq: 19 Feb 2020 22:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	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: 17.27 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG044501.D

Acq: 19 Feb 2020 22:42

Instrument :

BNA_G

ClientSampleId :

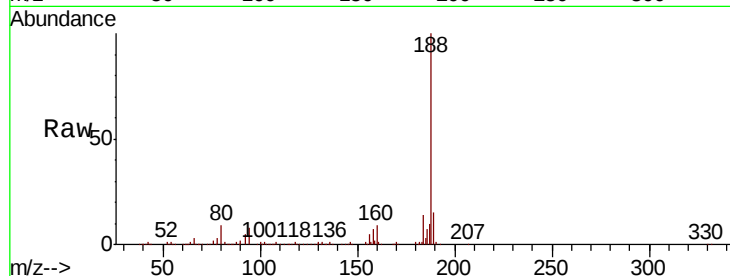
Tot Ion:188 Resp: 374489

Ion Ratio Lower Upper

188 100

94 8.3 7.4 11.2

80 9.2 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

300000

250000

200000

150000

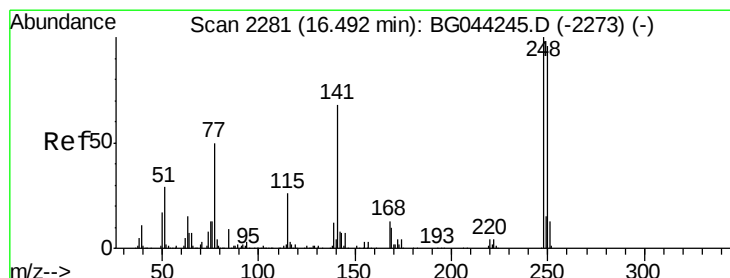
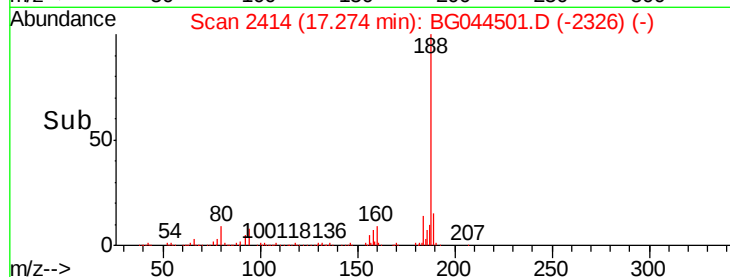
100000

50000

0

17.20 17.30

Time-->



#67

4-Bromophenyl-phenylether

Concen: 3.723 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.46 min

Lab File: BG044501.D

Acq: 19 Feb 2020 22:42

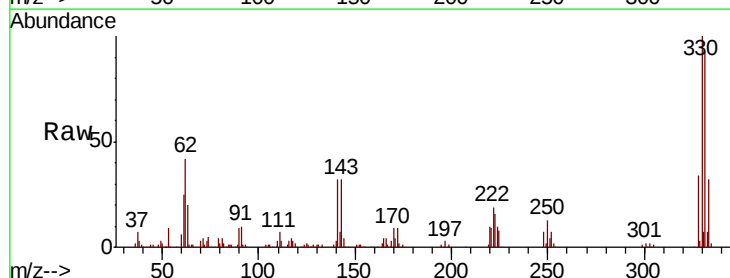
Tgt Ion:248 Resp: 15191

Ion Ratio Lower Upper

248 100

250 196.2 76.6 114.8#

141 486.6 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

50000

40000

30000

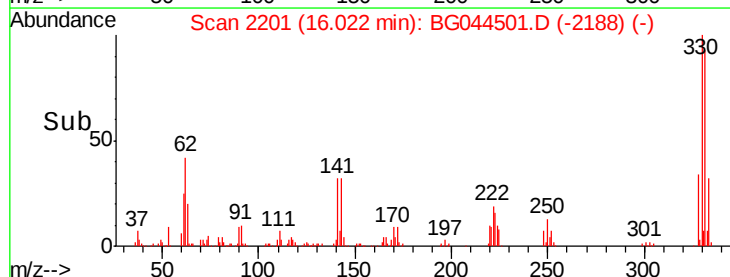
20000

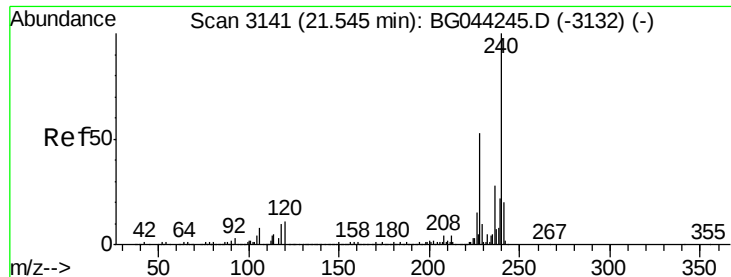
10000

0

16.00 16.10

Time-->

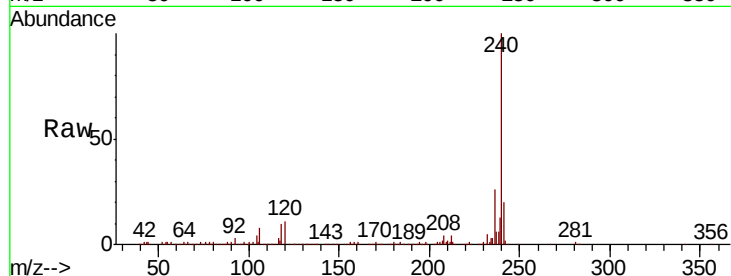




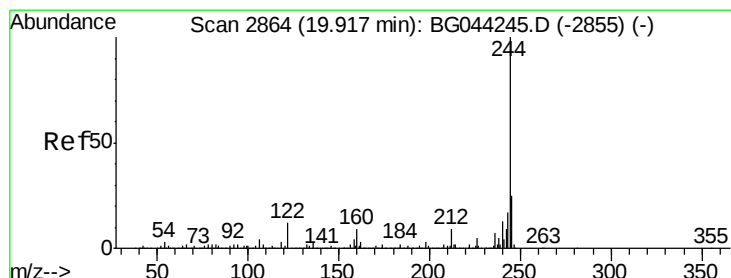
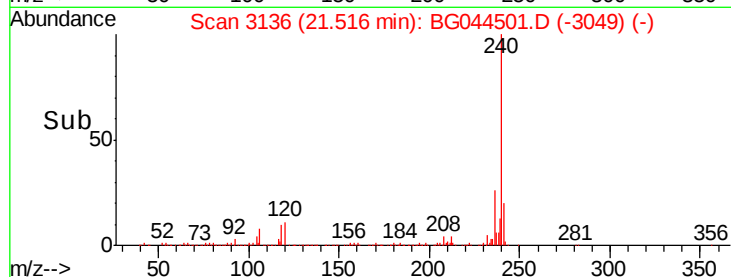
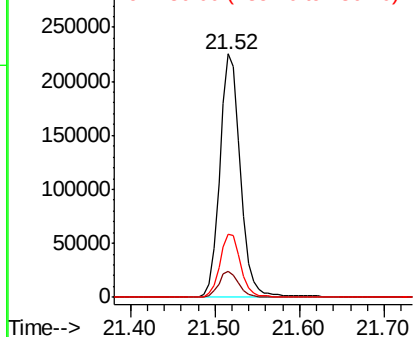
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG044501.D
 Acq: 19 Feb 2020 22:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:240 Resp: 382962
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.4 12.6
 236 26.2 22.1 33.1

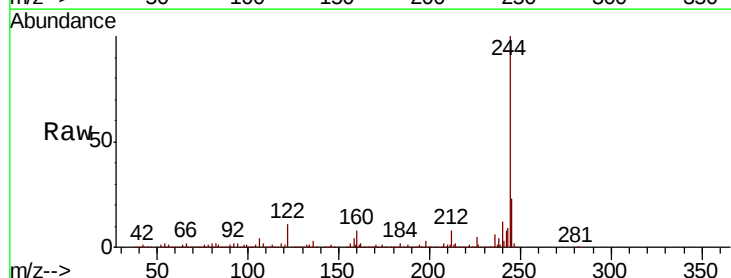


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

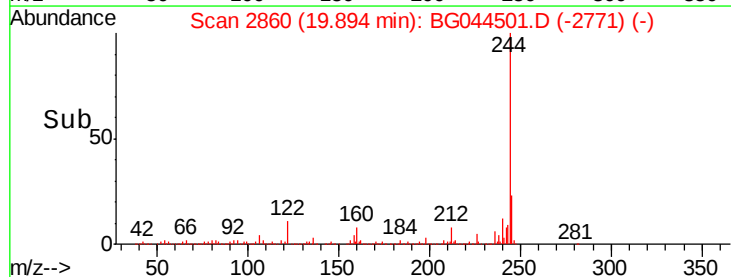
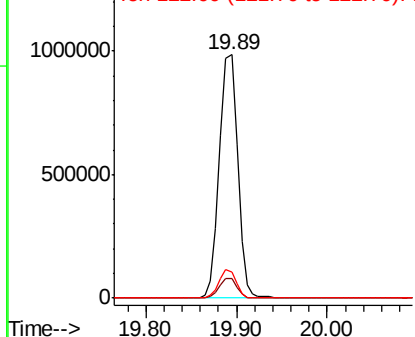


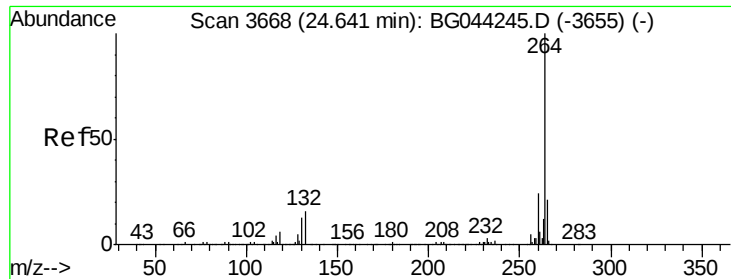
#79
 Terphenyl-d14
 Concen: 74.743 ng
 RT: 19.89 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG044501.D
 Acq: 19 Feb 2020 22:42

Tgt Ion:244 Resp: 1391612
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.4 11.2
 122 10.6 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

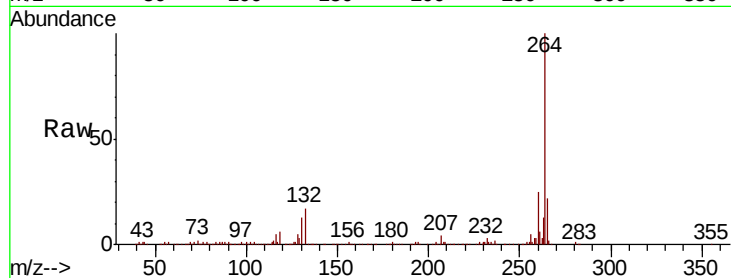




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.60 min Scan# 3661
 Delta R.T. -0.02 min
 Lab File: BG044501.D
 Acq: 19 Feb 2020 22:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.6	16.7	25.1



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

