

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
 Data File : BG044444.D
 Acq On : 14 Feb 2020 18:38
 Operator : CG/JU
 Sample : L1525-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)

Quant Time: Feb 15 06:02:07 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

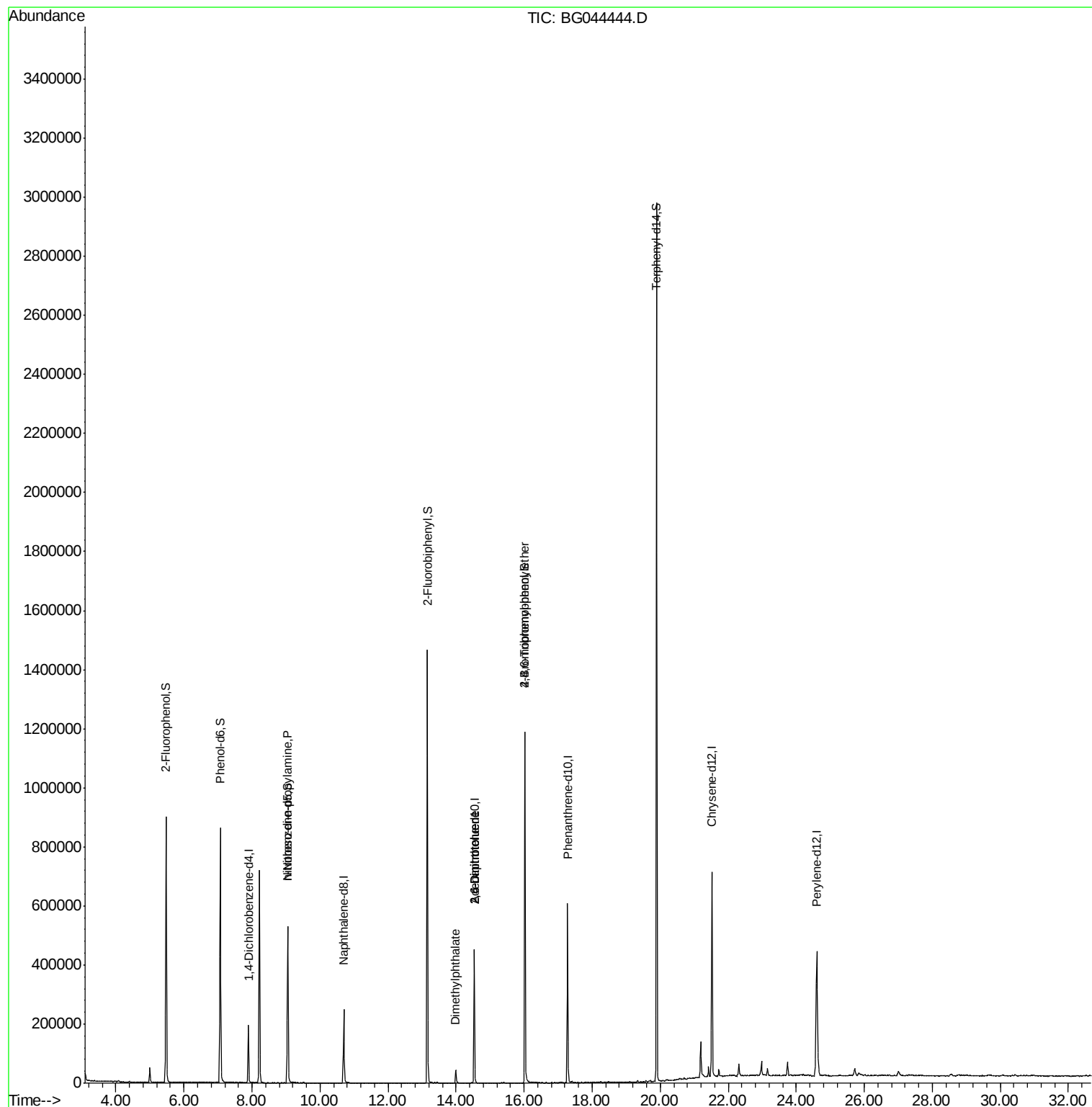
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	58996	20.00	ng	-0.01
21) Naphthalene-d8	10.70	136	243046	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	163473	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	392503	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	422066	20.00	ng	-0.02
87) Perylene-d12	24.60	264	432978	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	443143	132.56	ng	0.00
7) Phenol-d6	7.07	99	576997	128.54	ng	-0.01
23) Nitrobenzene-d5	9.05	82	353970	82.22	ng	-0.01
42) 2,4,6-Tribromophenol	16.03	330	242309	126.26	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	833604	85.39	ng	-0.01
79) Terphenyl-d14	19.90	244	1479516	72.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.05	70	44296	14.806	ng	# 77
50) Dimethylphthalate	13.99	163	41159	3.503	ng	# 99
51) 2,6-Dinitrotoluene	14.53	165	21244	8.108	ng	# 30
57) 2,4-Dinitrotoluene	14.53	165	21244	5.785	ng	# 28
67) 4-Bromophenyl-phenylether	16.02	248	16799	3.928	ng	# 1

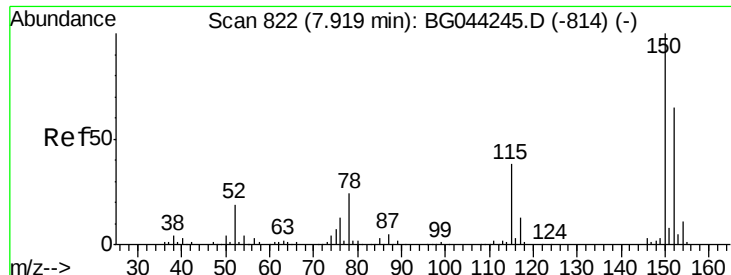
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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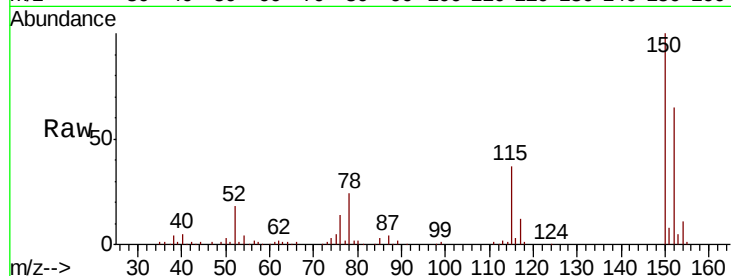


#1

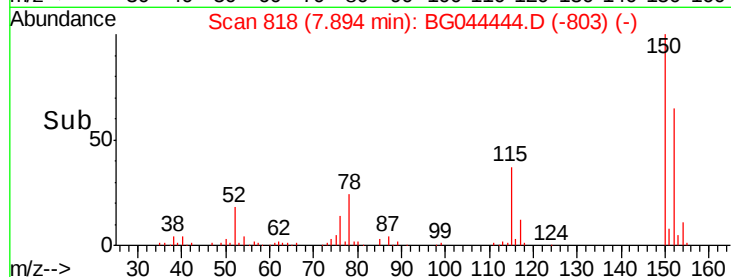
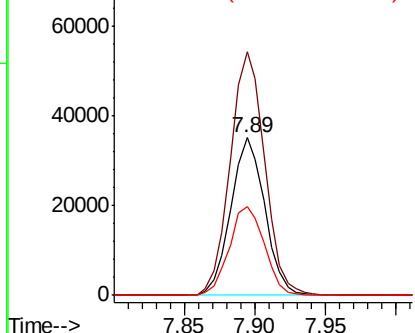
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG044444.D
Acq: 14 Feb 2020 18:38

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)

Tot Ion:152 Resp: 58996
Ion Ratio Lower Upper
152 100
150 154.4 122.6 183.8
115 56.4 46.0 69.0



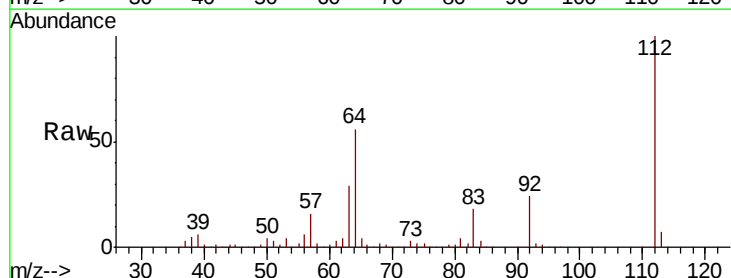
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



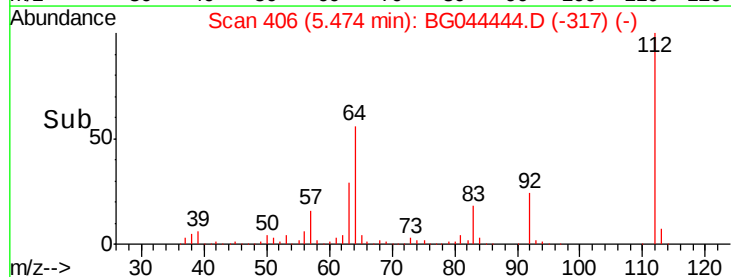
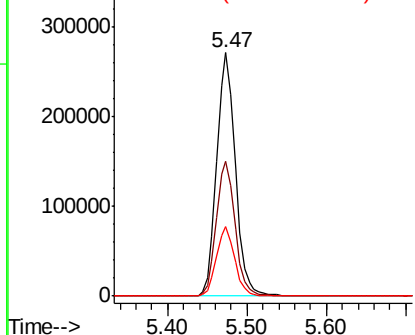
#5

2-Fluorophenol
Concen: 132.565 ng
RT: 5.47 min Scan# 406
Delta R.T. -0.01 min
Lab File: BG044444.D
Acq: 14 Feb 2020 18:38

Tgt Ion:112 Resp: 443143
Ion Ratio Lower Upper
112 100
64 55.6 45.4 68.2
63 28.8 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: 128.537 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044444.D

Acq: 14 Feb 2020 18:38

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)

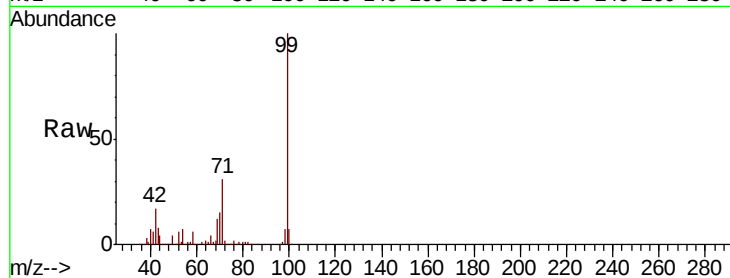
Tot Ion: 99 Resp: 576997

Ion Ratio Lower Upper

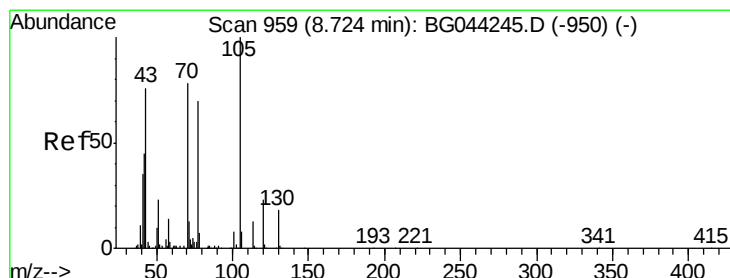
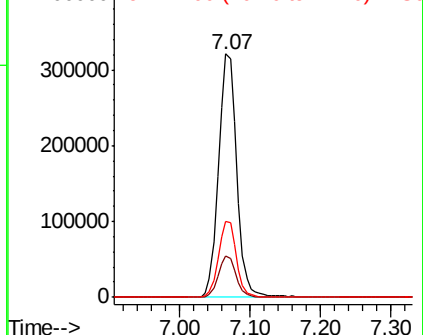
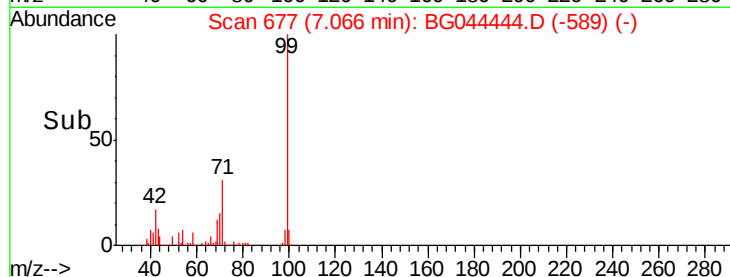
99 100

42 17.1 13.8 20.6

71 31.0 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: 14.806 ng

RT: 9.05 min Scan# 1015

Delta R.T. 0.34 min

Lab File: BG044444.D

Acq: 14 Feb 2020 18:38

Tgt Ion: 70 Resp: 44296

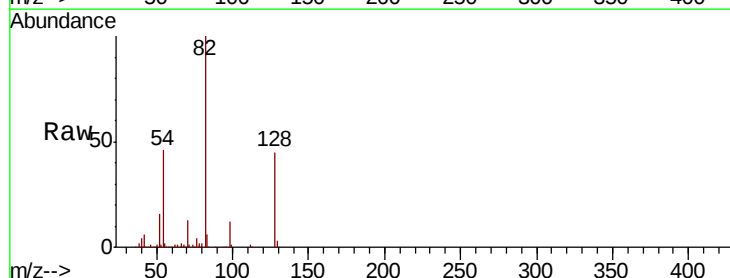
Ion Ratio Lower Upper

70 100

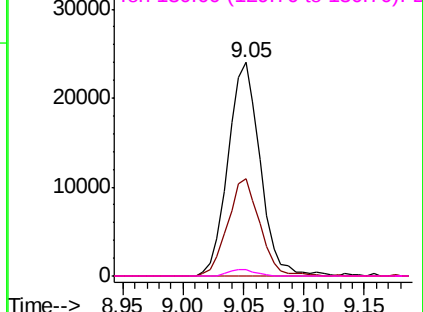
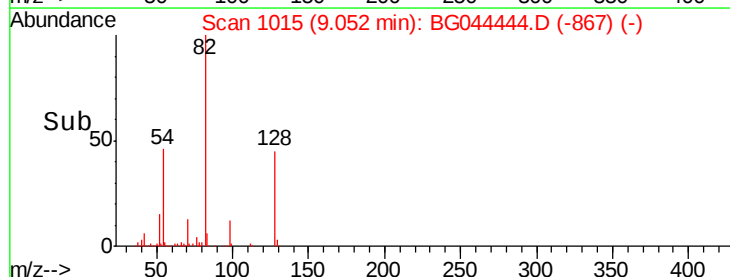
42 45.8 46.2 69.2#

101 0.0 8.4 12.6#

130 3.2 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

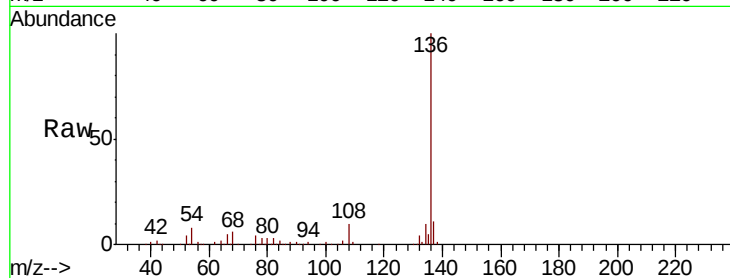




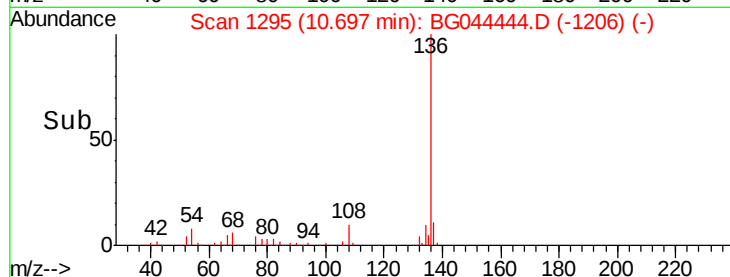
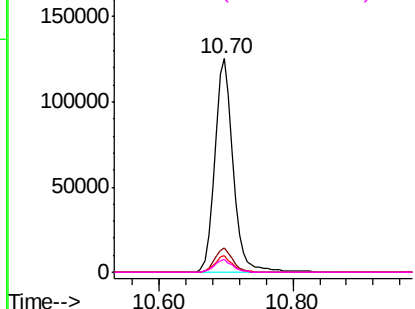
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG044444.D
Acq: 14 Feb 2020 18:38

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)

Tot Ion:136	Resp:	243046
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.8	13.2
54 7.7	5.8	8.8
68 5.9	4.6	6.8

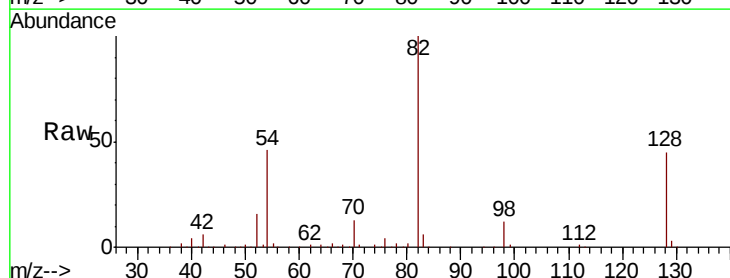


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

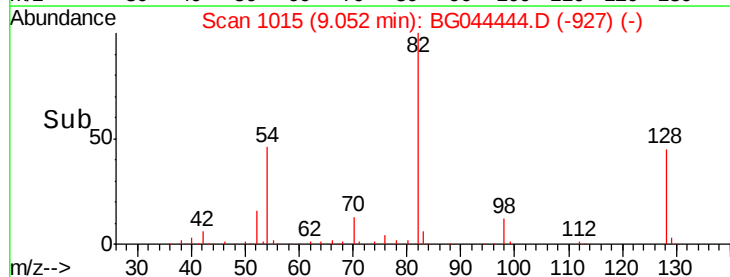
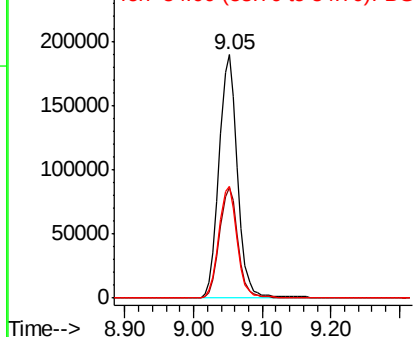


#23
Nitrobenzene-d5
Concen: 82.222 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG044444.D
Acq: 14 Feb 2020 18:38

Tgt Ion: 82	Resp: 353970
Ion Ratio	Lower Upper
82 100	
128 45.5	36.5 54.7
54 45.7	38.6 58.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG044444.D

Acq: 14 Feb 2020 18:38

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)

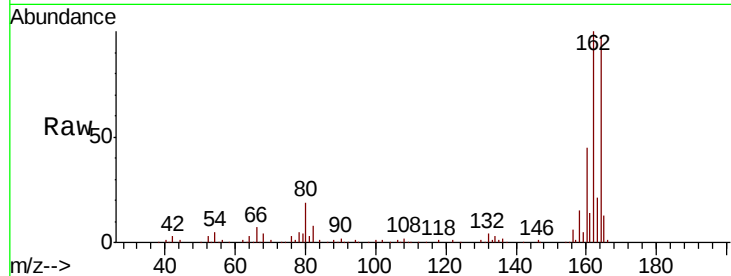
Tot Ion:164 Resp: 163473

Ion Ratio Lower Upper

164 100

162 102.7 80.7 121.1

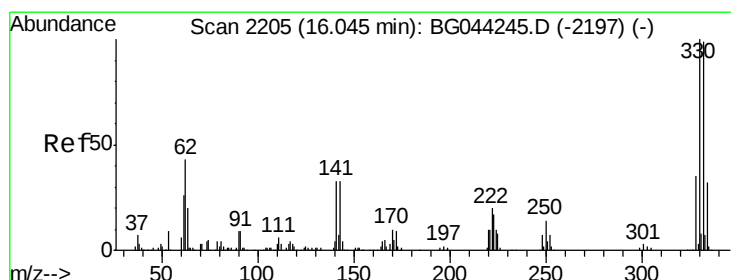
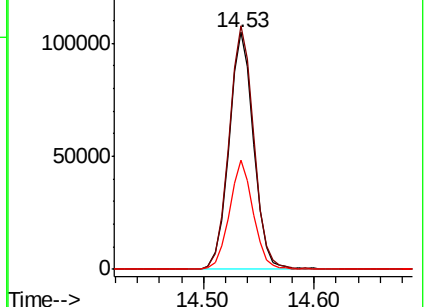
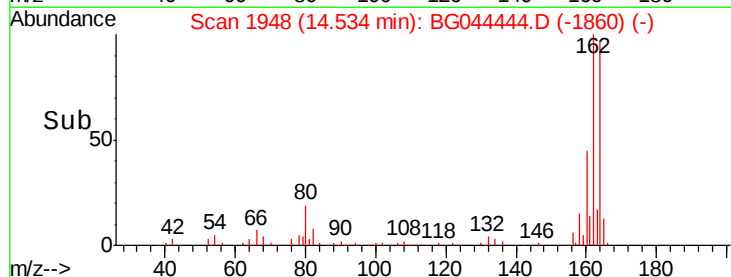
160 46.1 35.3 52.9



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: 126.263 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG044444.D

Acq: 14 Feb 2020 18:38

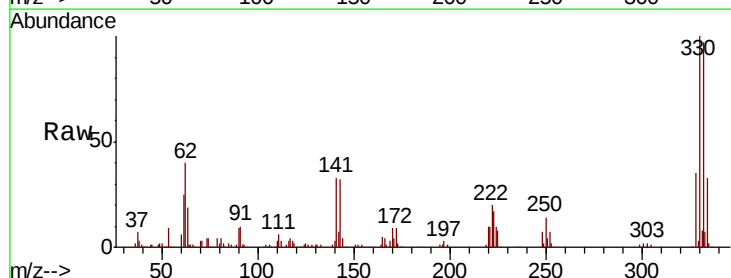
Tgt Ion:330 Resp: 242309

Ion Ratio Lower Upper

330 100

332 96.9 77.2 115.8

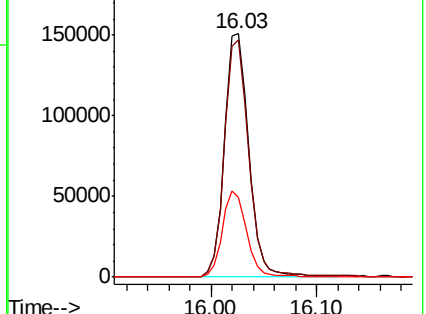
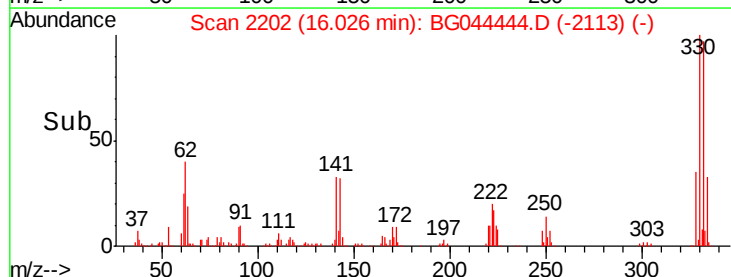
141 35.7 28.3 42.5

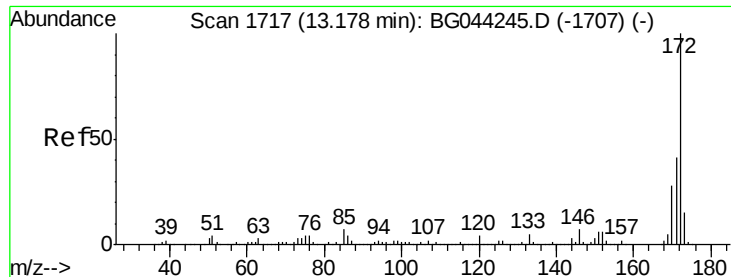


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

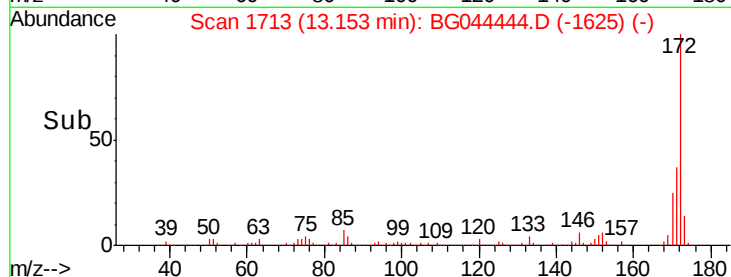
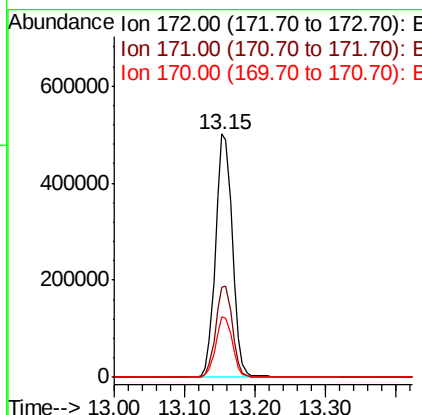
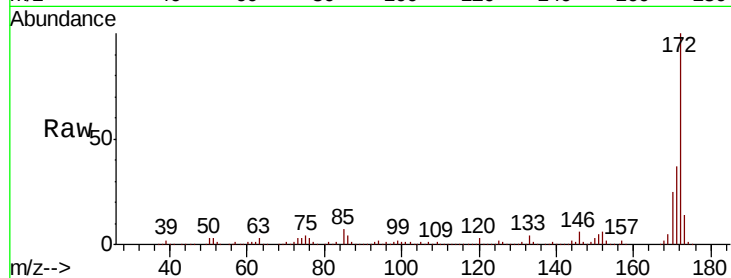




#45
 2-Fluorobiphenyl
 Concen: 85.391 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG044444.D
 Acq: 14 Feb 2020 18:38

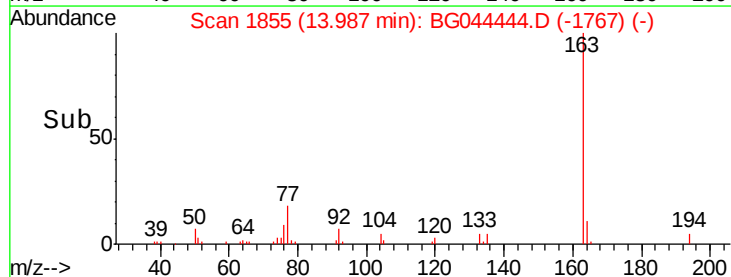
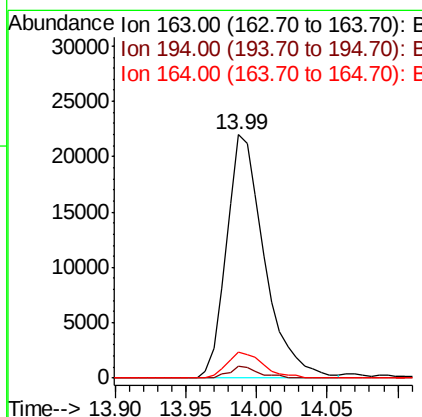
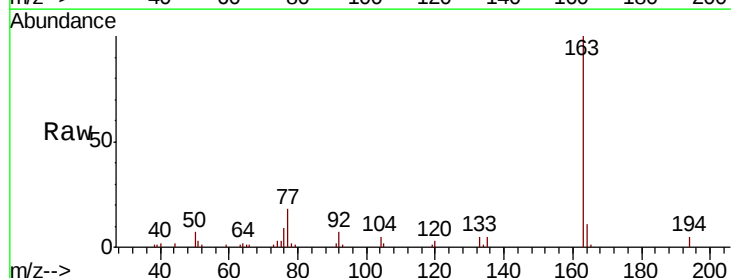
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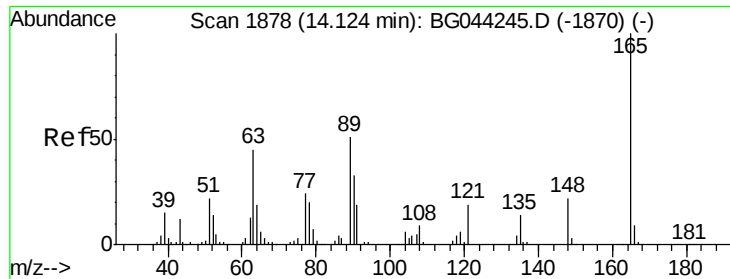
Tot Ion:172 Resp: 833604
 Ion Ratio Lower Upper
 172 100
 171 37.0 32.9 49.3
 170 25.0 22.0 33.0



#50
 Dimethylphthalate
 Concen: 3.503 ng
 RT: 13.99 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BG044444.D
 Acq: 14 Feb 2020 18:38

Tgt Ion:163 Resp: 41159
 Ion Ratio Lower Upper
 163 100
 194 4.7 3.6 5.4
 164 10.6 8.7 13.1

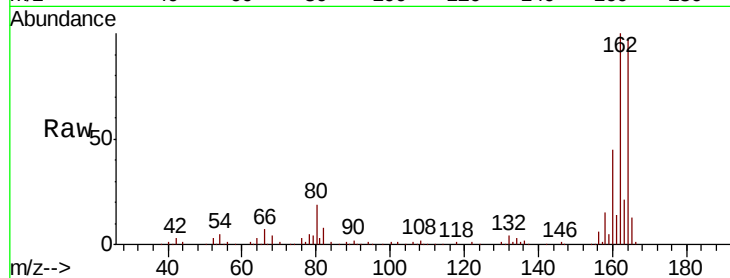




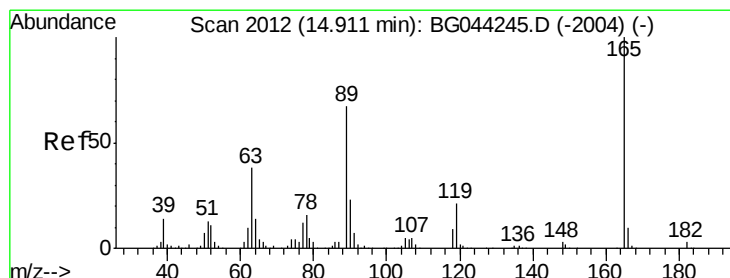
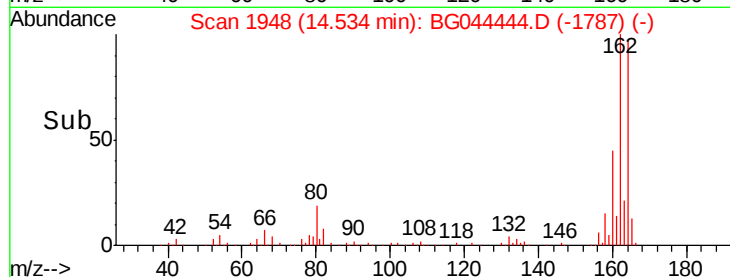
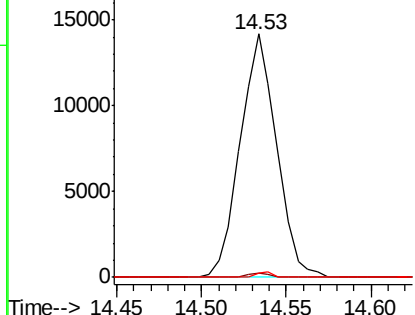
#51
 2,6-Dinitrotoluene
 Concen: 8.108 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. 0.42 min
 Lab File: BG044444.D
 Acq: 14 Feb 2020 18:38

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)

Tot Ion:165 Resp: 21244
 Ion Ratio Lower Upper
 165 100
 63 1.7 38.7 58.1#
 89 1.7 40.4 60.6#



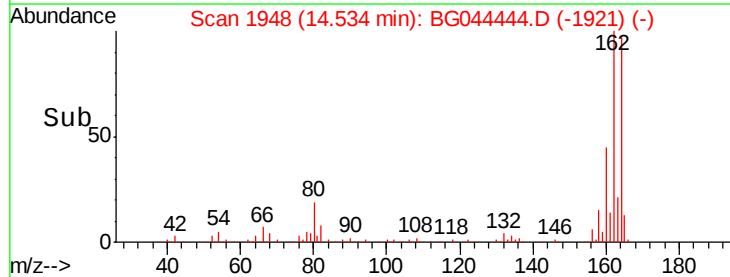
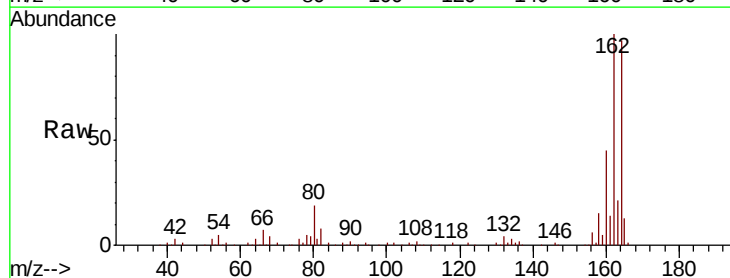
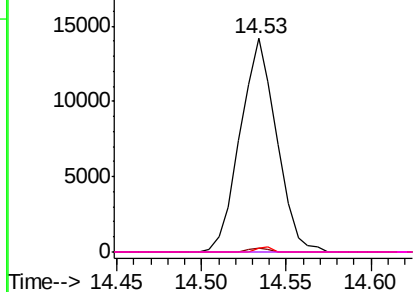
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

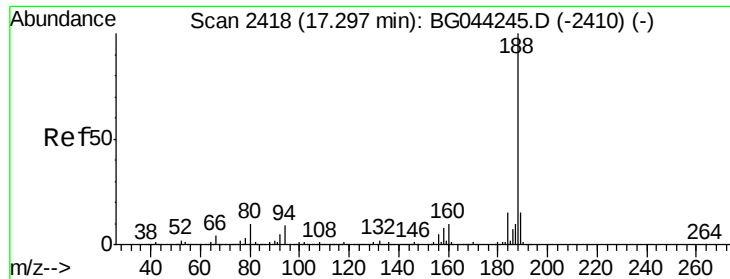


#57
 2,4-Dinitrotoluene
 Concen: 5.785 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG044444.D
 Acq: 14 Feb 2020 18:38

Tgt Ion:165 Resp: 21244
 Ion Ratio Lower Upper
 165 100
 63 1.7 30.3 45.5#
 89 1.7 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: BG044444.D

Acq: 14 Feb 2020 18:38

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)

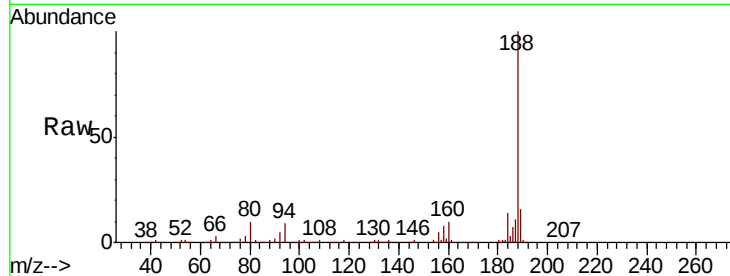
Tot Ion:188 Resp: 392503

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

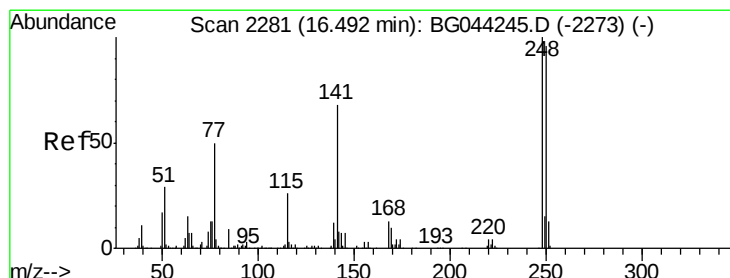
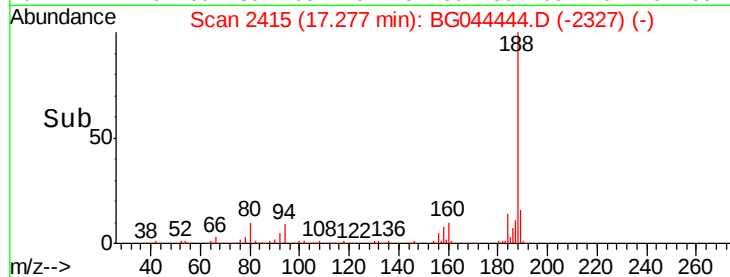
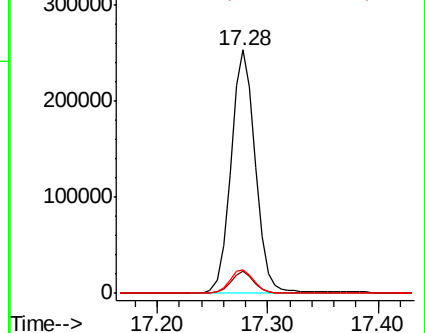
80 9.6 7.7 11.5



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: 3.928 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.46 min

Lab File: BG044444.D

Acq: 14 Feb 2020 18:38

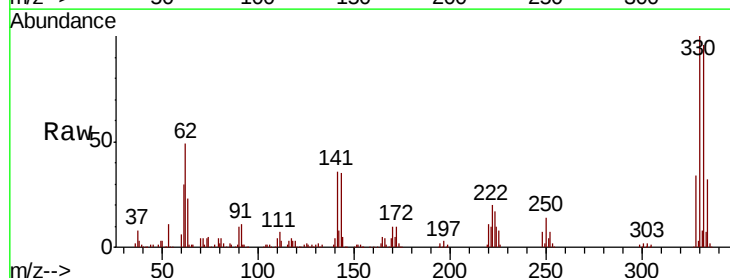
Tgt Ion:248 Resp: 16799

Ion Ratio Lower Upper

248 100

250 197.6 76.6 114.8#

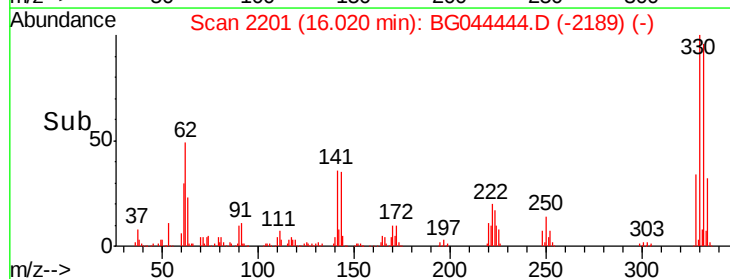
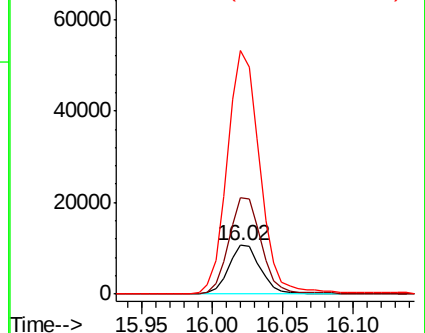
141 499.7 54.7 82.1#



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

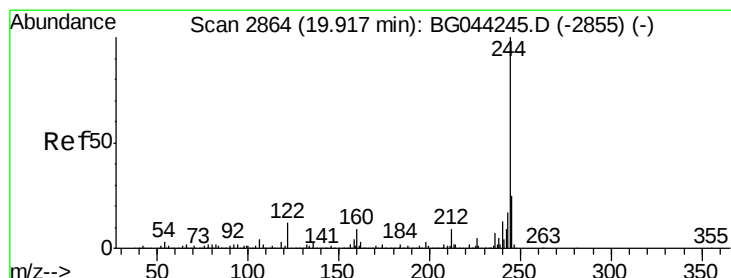
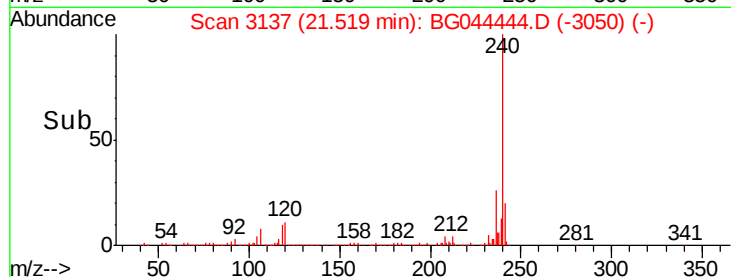
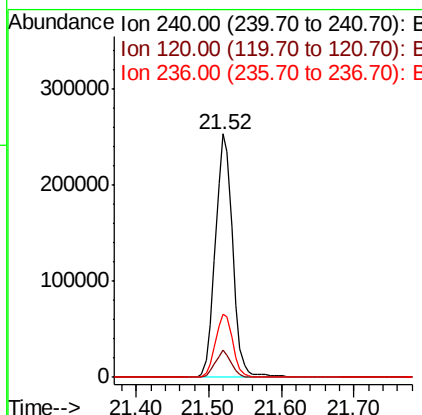
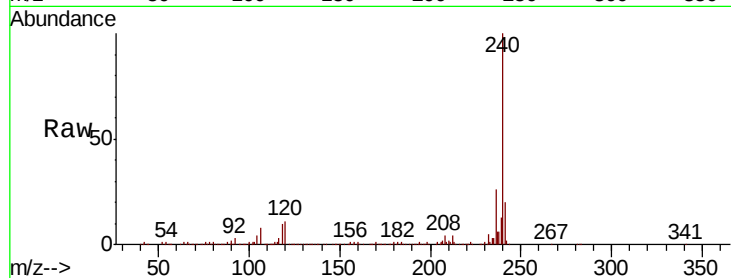




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.02 min
 Lab File: BG044444.D
 Acq: 14 Feb 2020 18:38

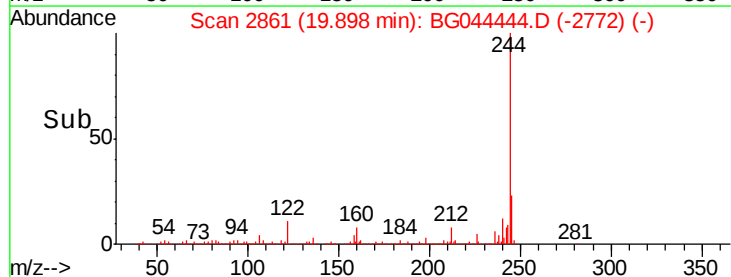
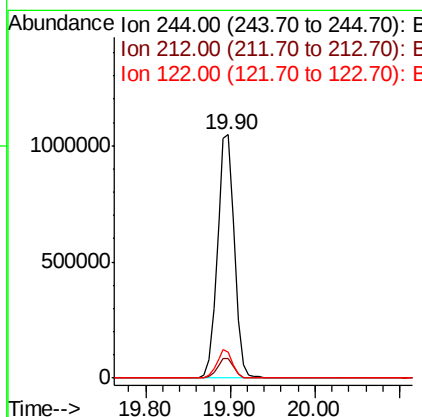
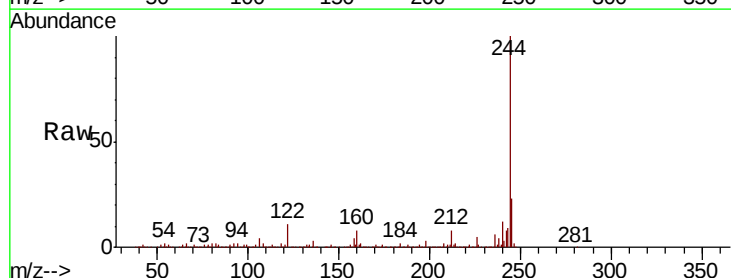
Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)

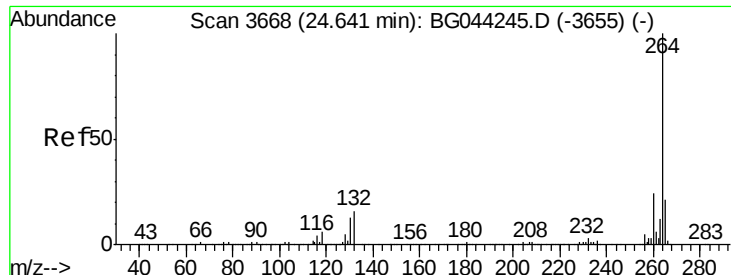
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.4	12.6
236	26.1	22.1	33.1



#79
 Terphenyl-d14
 Concen: 72.102 ng
 RT: 19.90 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG044444.D
 Acq: 14 Feb 2020 18:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.4	11.2
122	10.7	9.8	14.6





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.60 min Scan# 3662
 Delta R.T. -0.02 min
 Lab File: BG044444.D
 Acq: 14 Feb 2020 18:38

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.3	16.7	25.1

