

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021720\
 Data File : BG044462.D
 Acq On : 18 Feb 2020 00:52
 Operator : CG/JU
 Sample : L1546-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 18 06:08:30 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

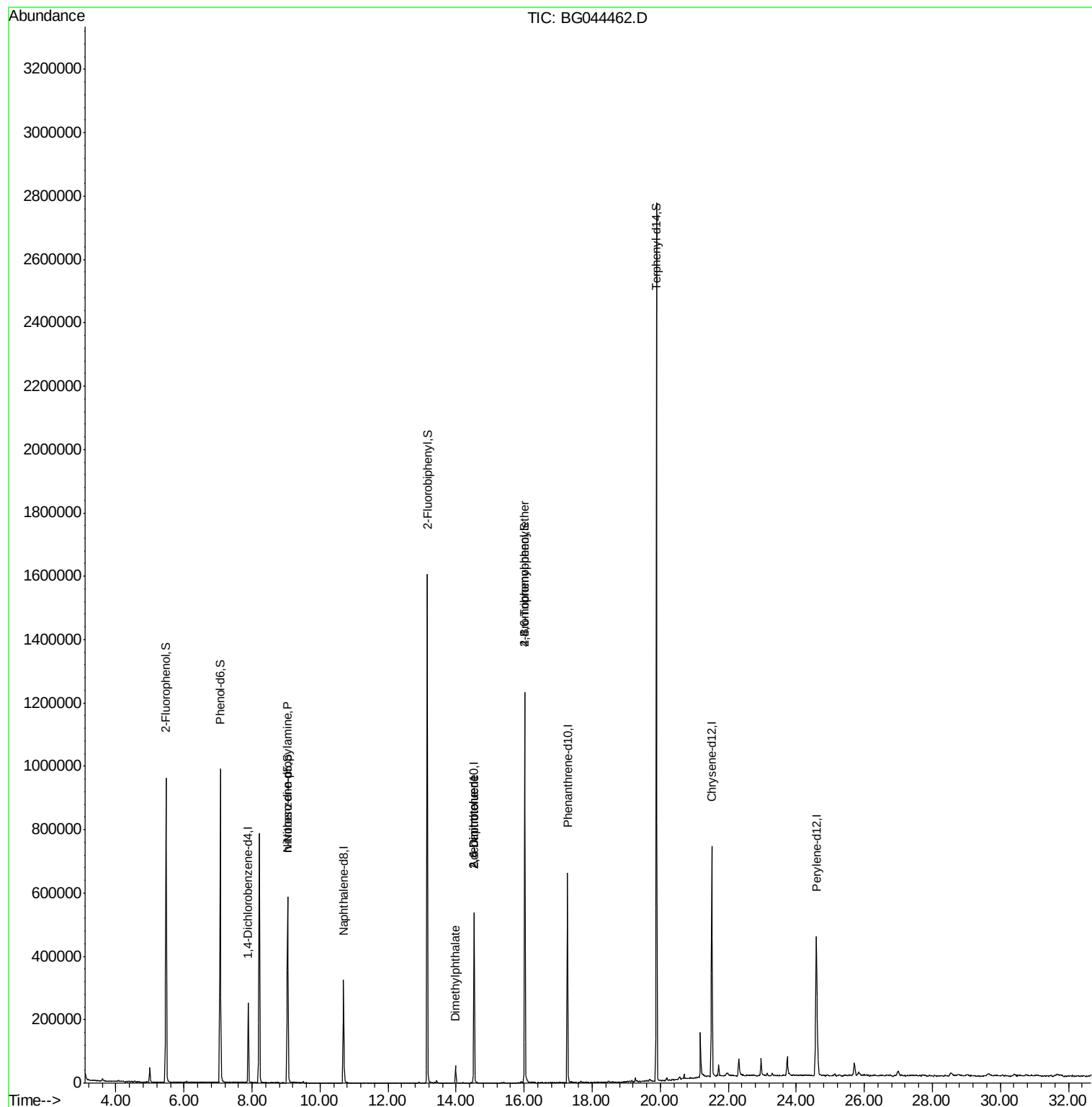
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	77244	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	303482	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	195548	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	425130	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	427338	20.00	ng	-0.02
87) Perylene-d12	24.59	264	456671	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	489401	111.82	ng	0.00
7) Phenol-d6	7.06	99	639307	108.77	ng	-0.01
23) Nitrobenzene-d5	9.04	82	383894	71.42	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	257063	111.98	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	887245	75.98	ng	-0.01
79) Terphenyl-d14	19.89	244	1374056	66.14	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.04	70	49783	12.709	ng	# 74
50) Dimethylphthalate	13.99	163	47359	3.369	ng	# 97
51) 2,6-Dinitrotoluene	14.53	165	25889	8.260	ng	# 29
57) 2,4-Dinitrotoluene	14.53	165	25889	5.894	ng	# 27
67) 4-Bromophenyl-phenylether	16.02	248	17775	3.838	ng	# 1

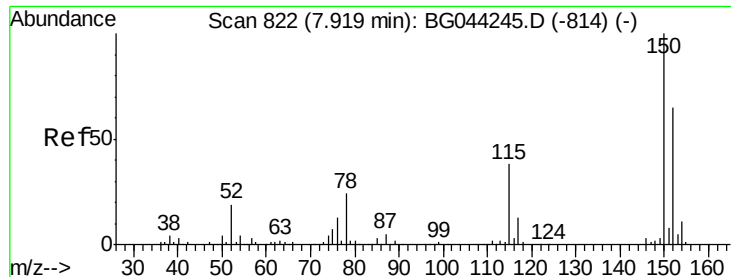
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021720\
Data File : BG044462.D
Acq On : 18 Feb 2020 00:52
Operator : CG/JU
Sample : L1546-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 18 06:08:30 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



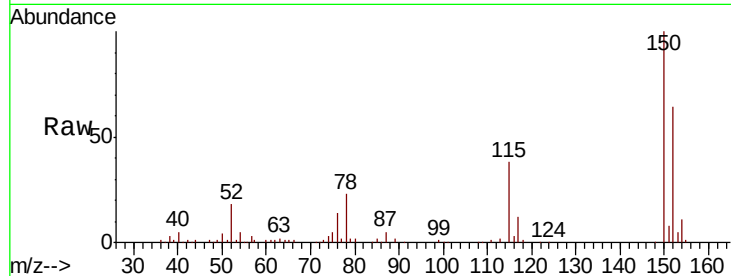


#1

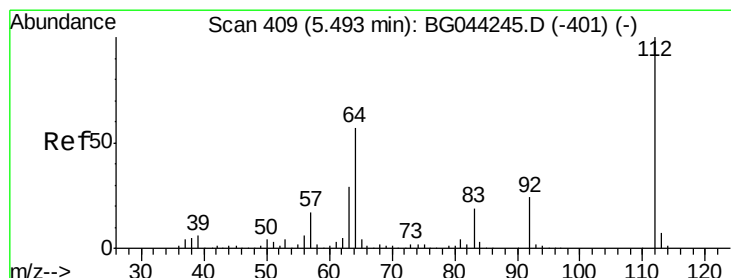
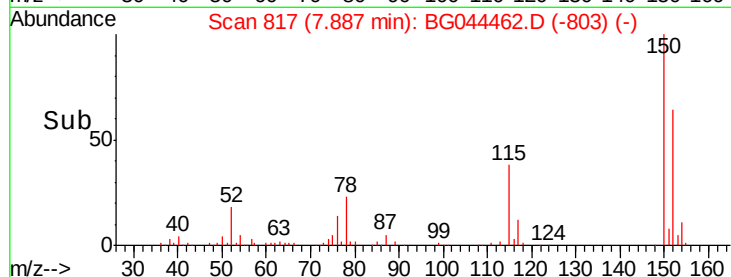
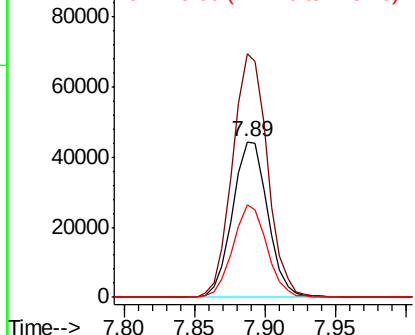
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG044462.D
Acq: 18 Feb 2020 00:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 77244
Ion Ratio Lower Upper
152 100
150 156.5 122.6 183.8
115 59.6 46.0 69.0



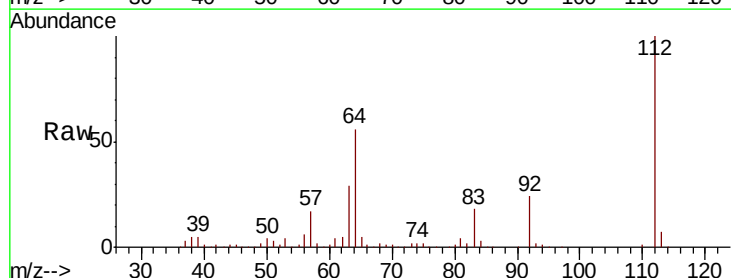
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



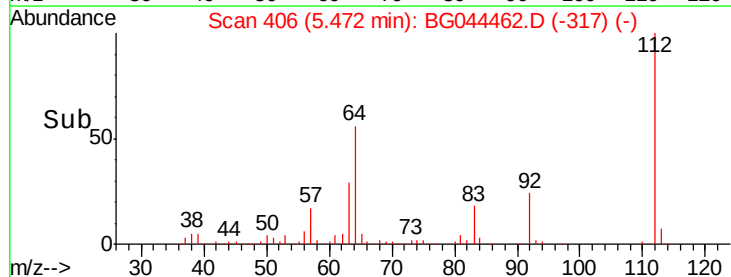
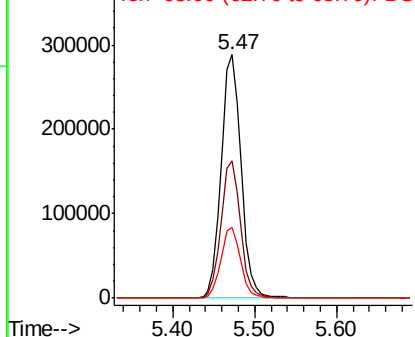
#5

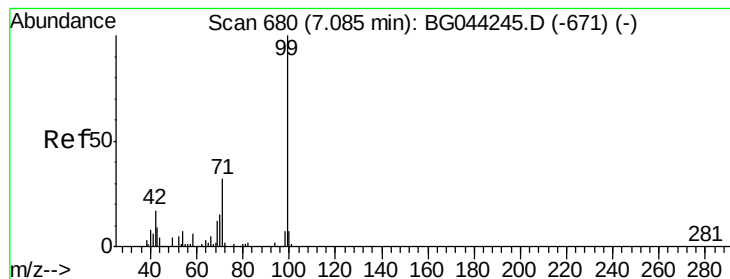
2-Fluorophenol
Concen: 111.817 ng
RT: 5.47 min Scan# 406
Delta R.T. -0.01 min
Lab File: BG044462.D
Acq: 18 Feb 2020 00:52

Tgt Ion:112 Resp: 489401
Ion Ratio Lower Upper
112 100
64 56.4 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: 108.774 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044462.D

Acq: 18 Feb 2020 00:52

Instrument :

BNA_G

ClientSampleId :

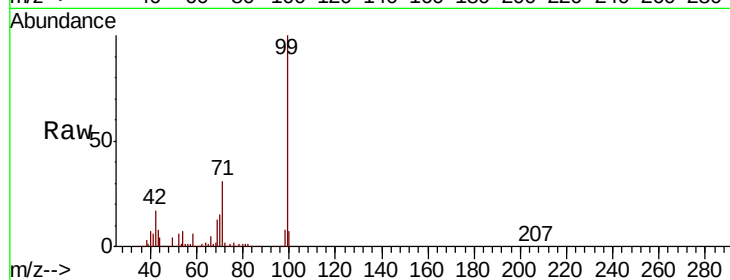
Tot Ion: 99 Resp: 639307

Ion Ratio Lower Upper

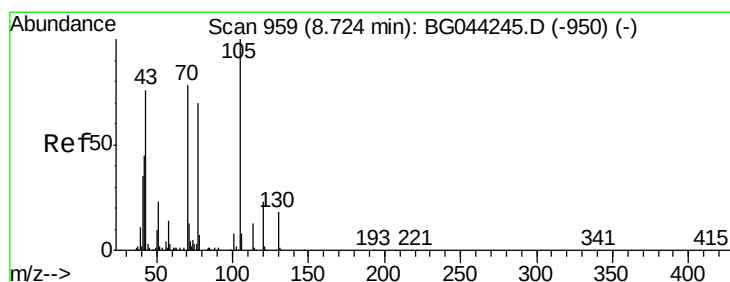
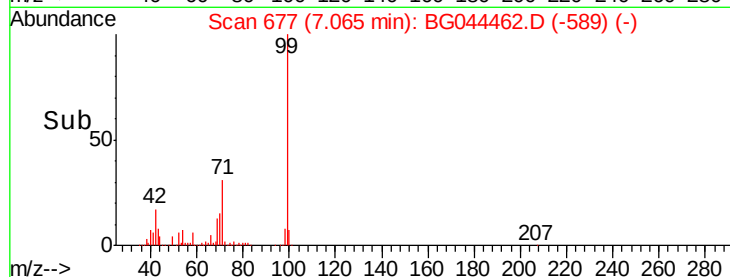
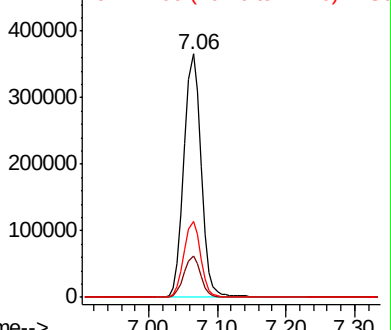
99 100

42 16.9 13.8 20.6

71 31.3 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: 12.709 ng

RT: 9.04 min Scan# 1014

Delta R.T. 0.33 min

Lab File: BG044462.D

Acq: 18 Feb 2020 00:52

Tgt Ion: 70 Resp: 49783

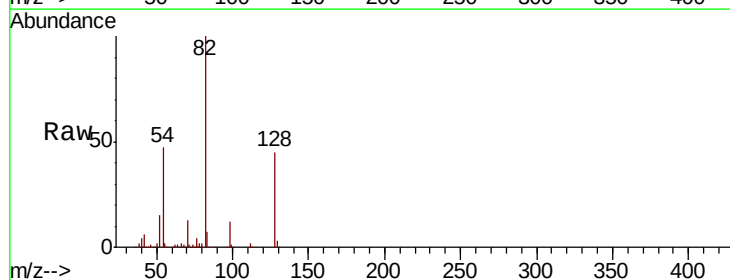
Ion Ratio Lower Upper

70 100

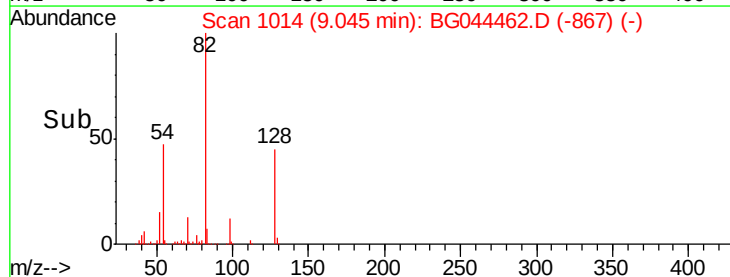
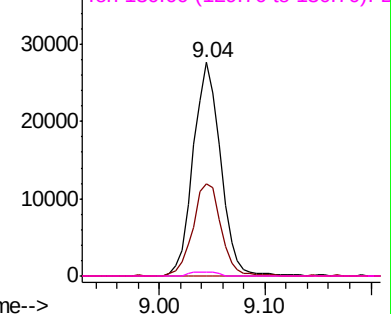
42 43.4 46.2 69.2#

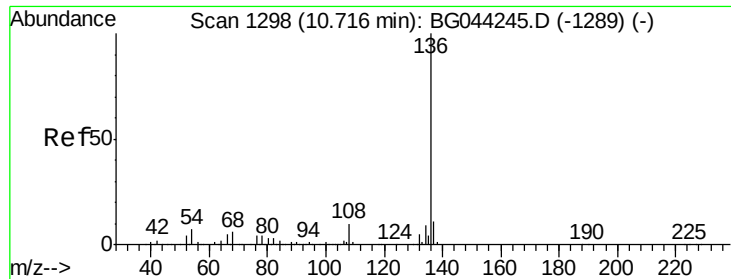
101 0.0 8.4 12.6#

130 2.0 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

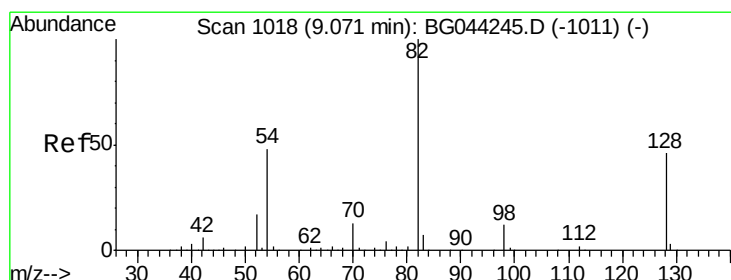
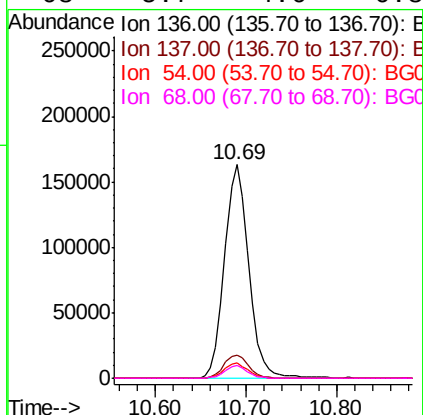
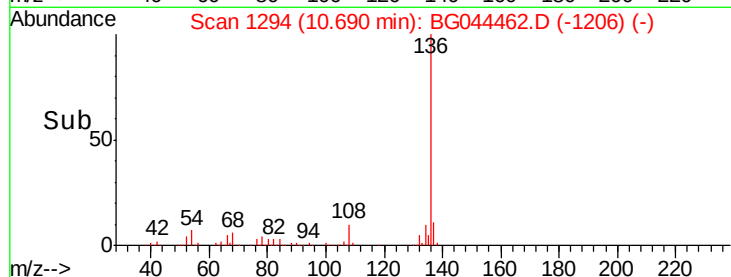
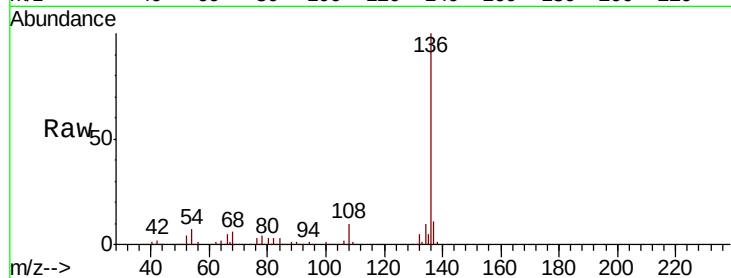




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044462.D
Acq: 18 Feb 2020 00:52

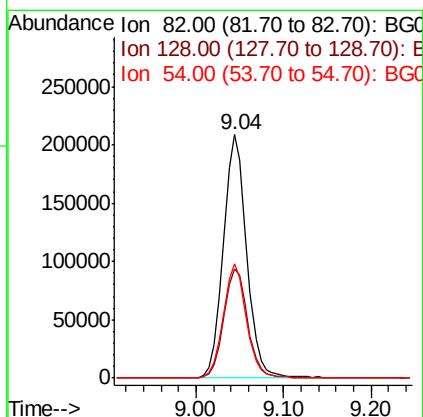
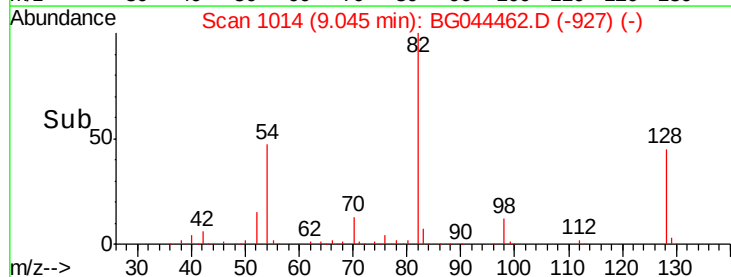
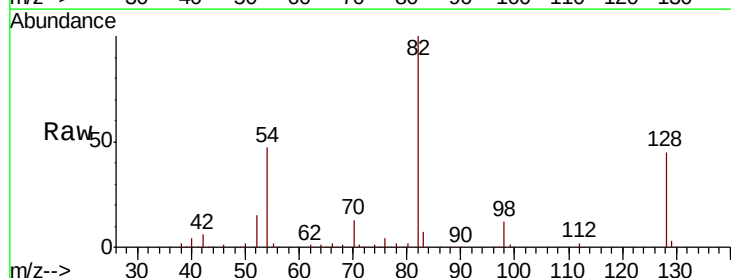
Instrument :
BNA_G
ClientSampled :

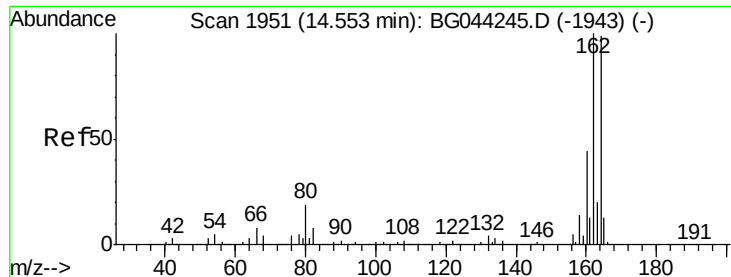
Tot Ion:136	Resp:	303482
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.8	13.2
54 6.9	5.8	8.8
68 5.7	4.6	6.8



#23
Nitrobenzene-d5
Concen: 71.415 ng
RT: 9.04 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG044462.D
Acq: 18 Feb 2020 00:52

Tgt Ion: 82	Resp: 383894
Ion Ratio	Lower Upper
82 100	
128 45.0	36.5 54.7
54 46.9	38.6 58.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG044462.D

Acq: 18 Feb 2020 00:52

Instrument :

BNA_G

ClientSampleId :

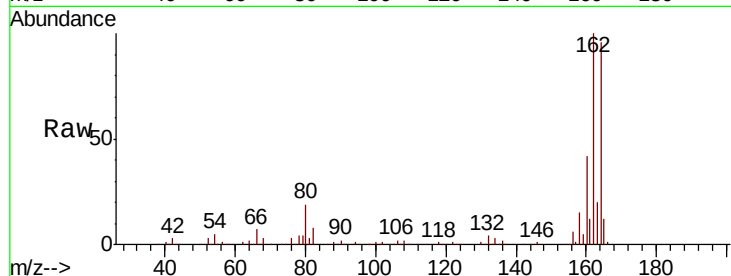
Tot Ion:164 Resp: 195548

Ion Ratio Lower Upper

164 100

162 103.8 80.7 121.1

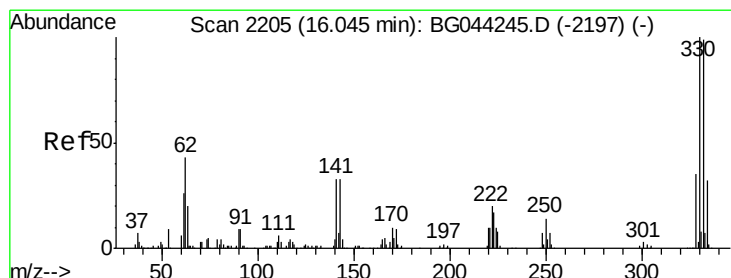
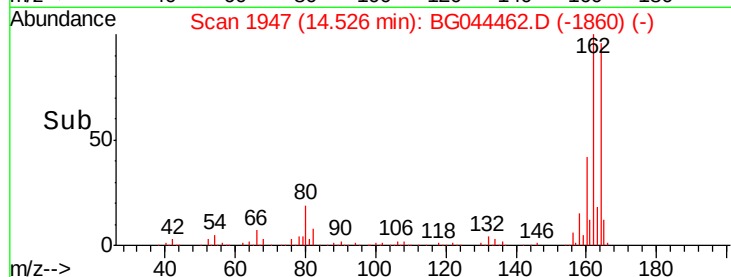
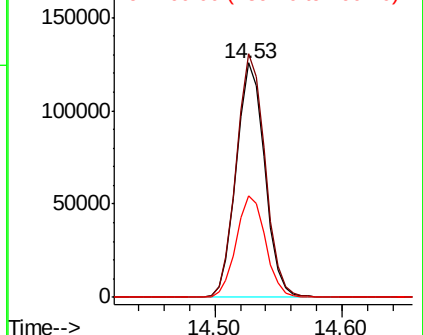
160 43.2 35.3 52.9



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: 111.980 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG044462.D

Acq: 18 Feb 2020 00:52

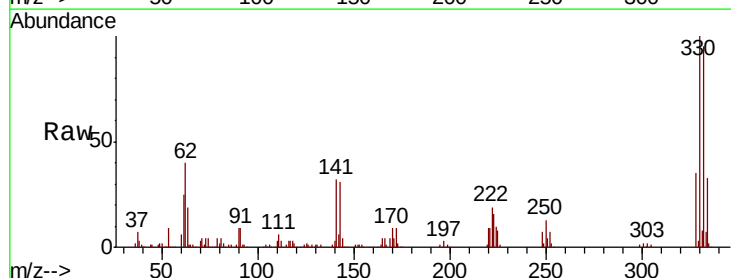
Tgt Ion:330 Resp: 257063

Ion Ratio Lower Upper

330 100

332 95.2 77.2 115.8

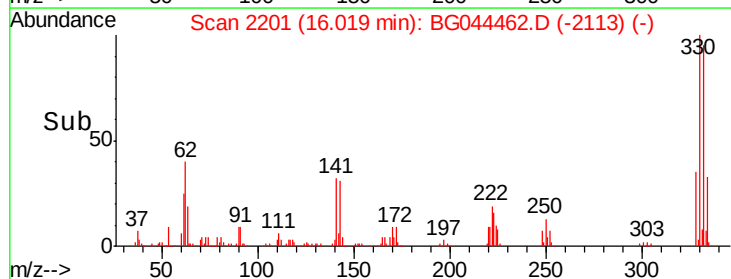
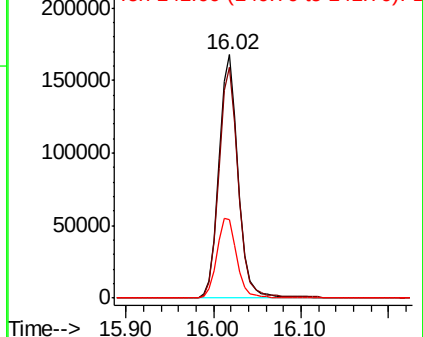
141 34.4 28.3 42.5

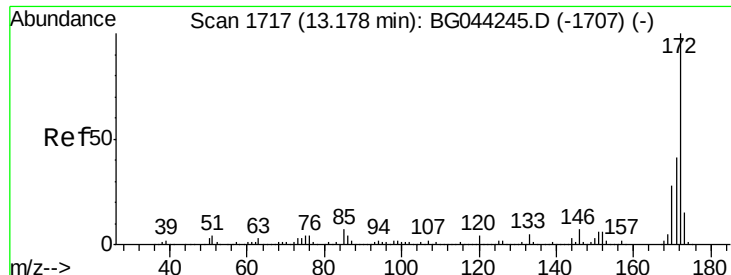


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

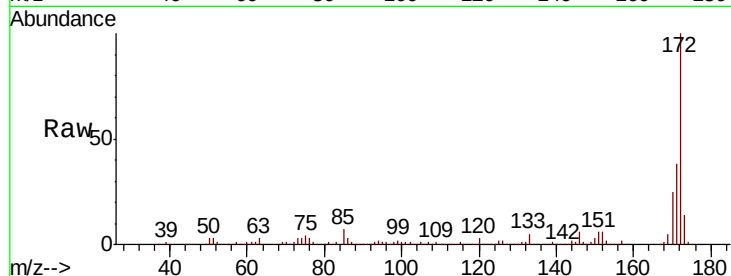




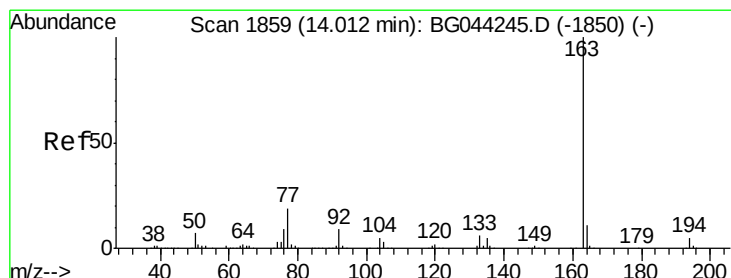
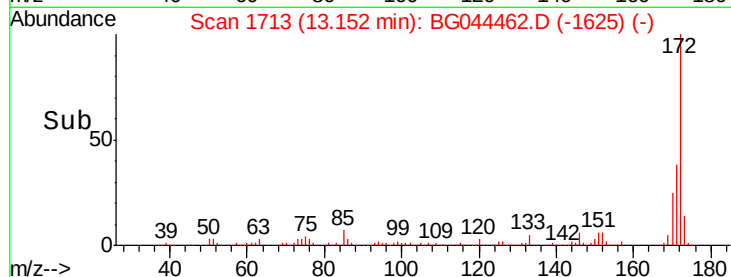
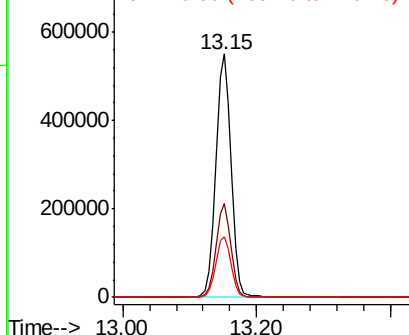
#45
2-Fluorobiphenyl
Concen: 75.978 ng
RT: 13.15 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG044462.D
Acq: 18 Feb 2020 00:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 887245
Ion Ratio Lower Upper
172 100
171 38.5 32.9 49.3
170 25.0 22.0 33.0

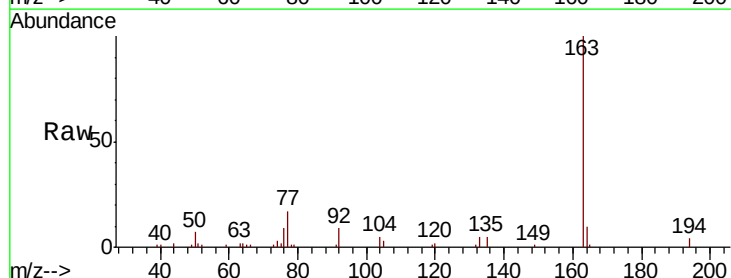


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

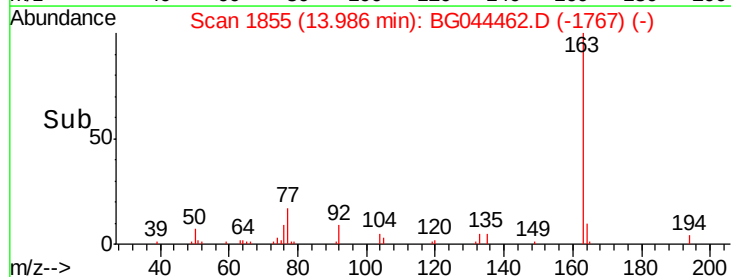
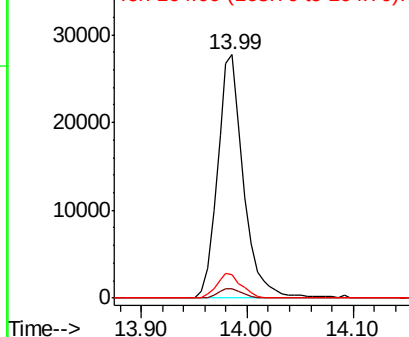


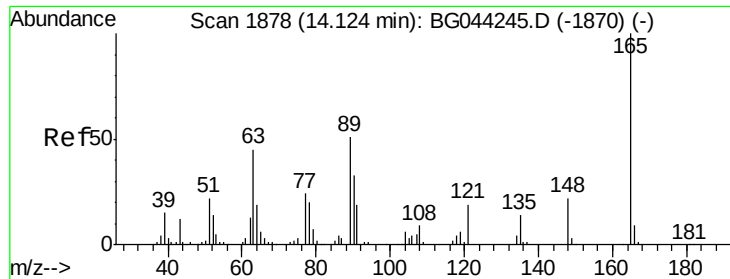
#50
Dimethylphthalate
Concen: 3.369 ng
RT: 13.99 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BG044462.D
Acq: 18 Feb 2020 00:52

Tgt Ion:163 Resp: 47359
Ion Ratio Lower Upper
163 100
194 3.9 3.6 5.4
164 9.6 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

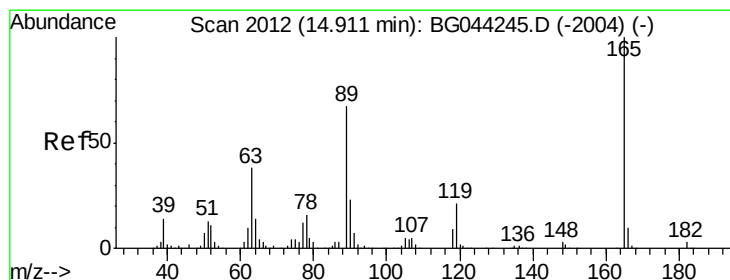
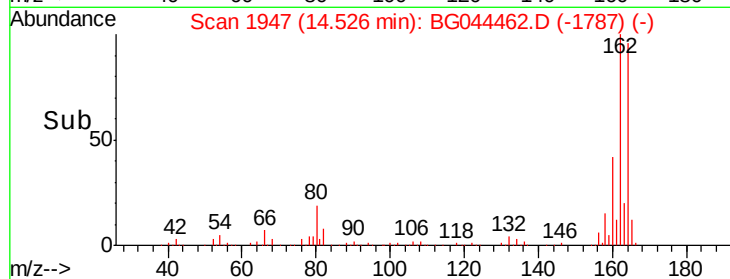
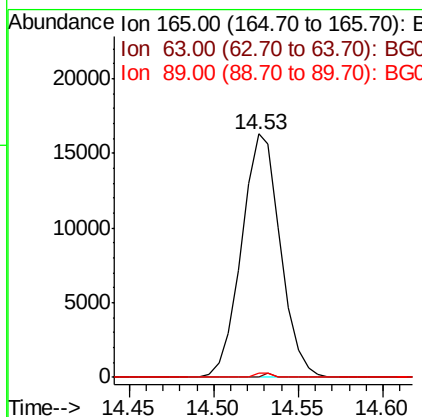
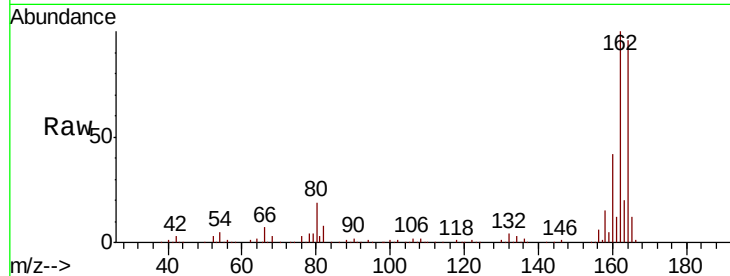




#51
 2,6-Dinitrotoluene
 Concen: 8.260 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG044462.D
 Acq: 18 Feb 2020 00:52

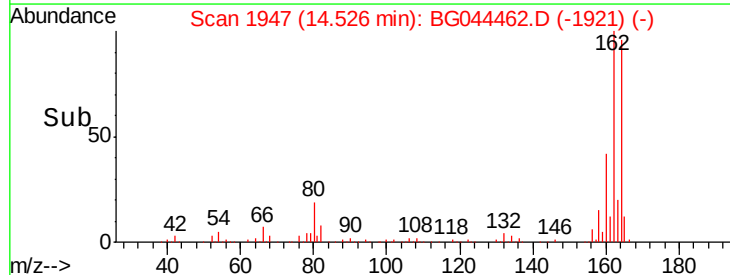
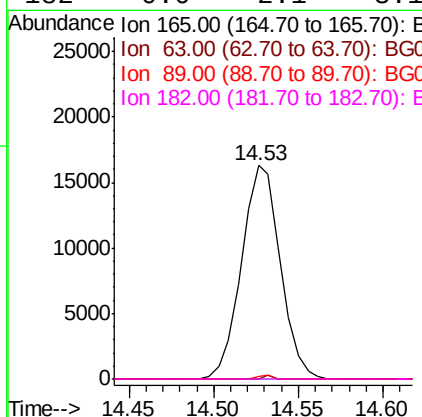
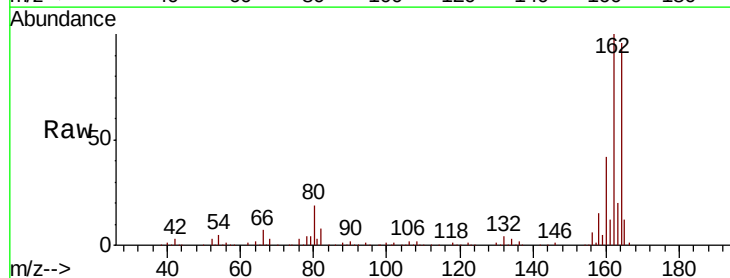
Instrument :
 BNA_G
 ClientSampleId :

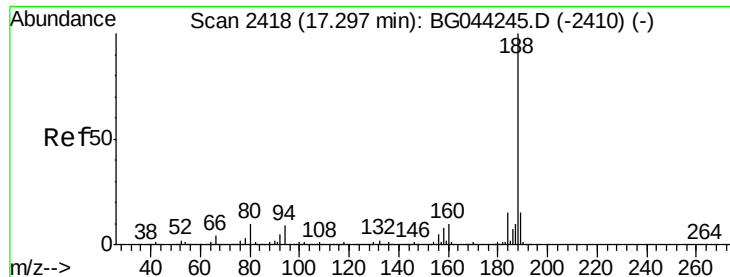
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.7	58.1#
89	1.5	40.4	60.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.894 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. -0.38 min
 Lab File: BG044462.D
 Acq: 18 Feb 2020 00:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.3	45.5#
89	1.5	53.4	80.2#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.27 min Scan# 2414

Delta R.T. -0.02 min

Lab File: BG044462.D

Acq: 18 Feb 2020 00:52

Instrument :

BNA_G

ClientSampleId :

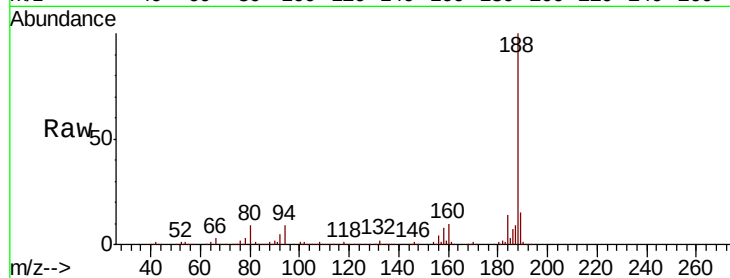
Tot Ion:188 Resp: 425130

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

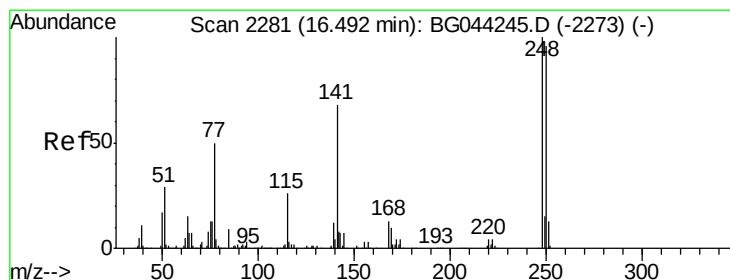
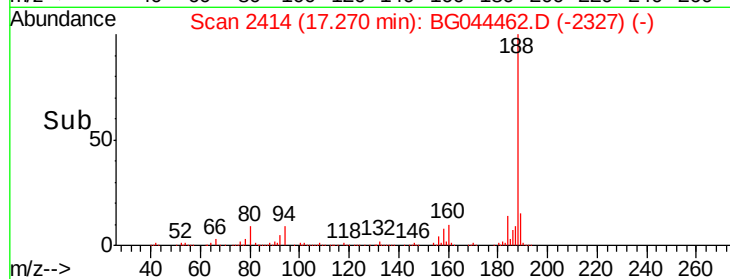
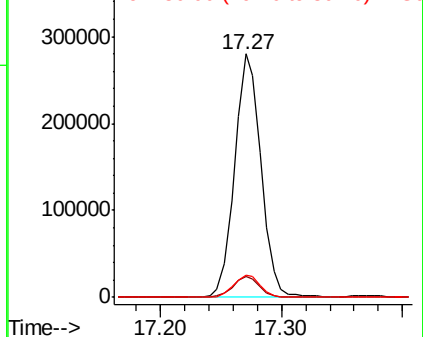
80 9.3 7.7 11.5



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: 3.838 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.46 min

Lab File: BG044462.D

Acq: 18 Feb 2020 00:52

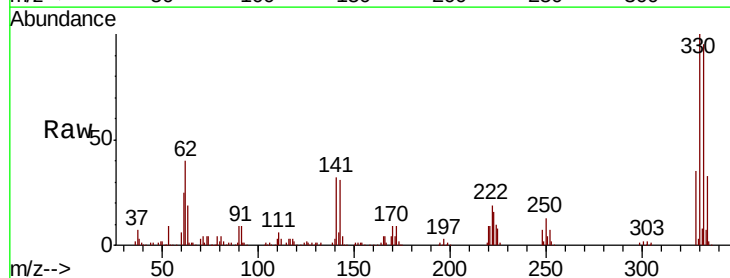
Tgt Ion:248 Resp: 17775

Ion Ratio Lower Upper

248 100

250 184.6 76.6 114.8#

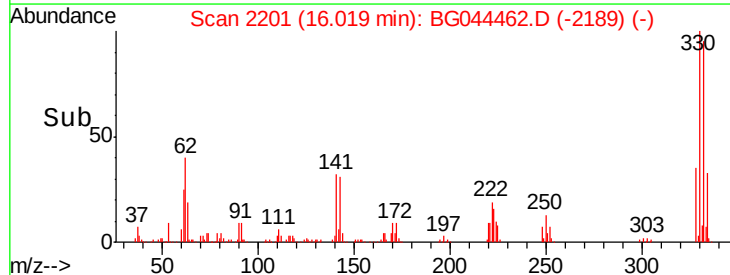
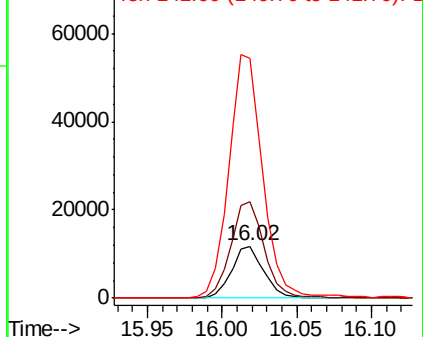
141 459.7 54.7 82.1#

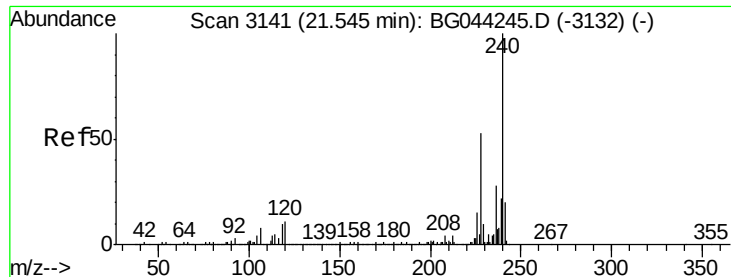


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

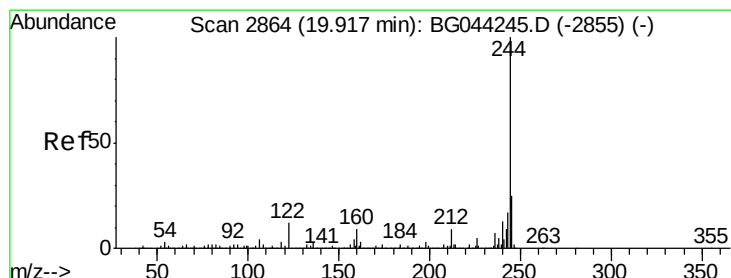
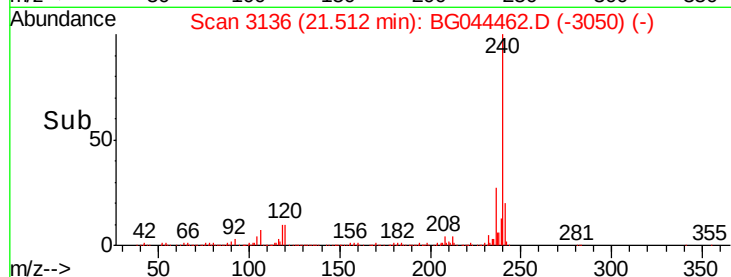
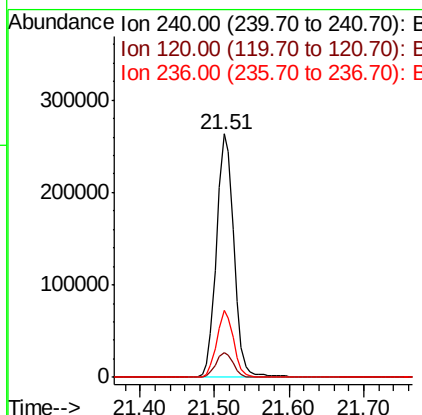
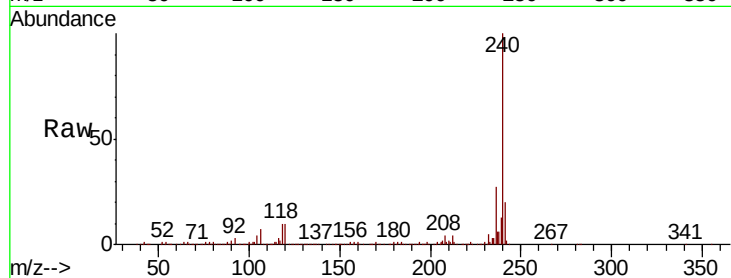




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG044462.D
 Acq: 18 Feb 2020 00:52

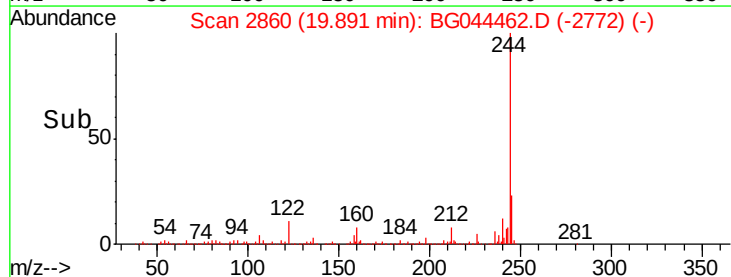
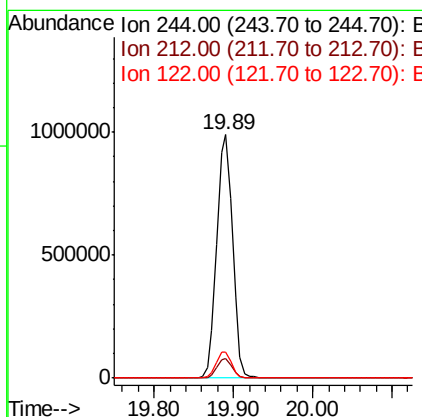
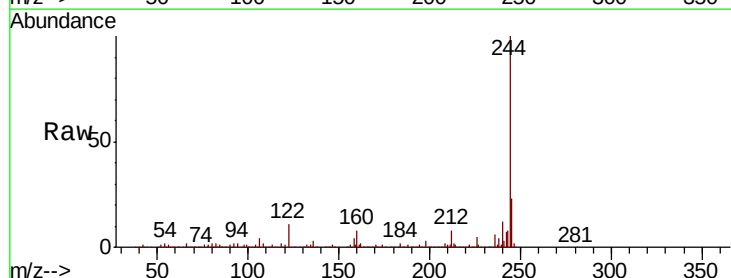
Instrument :
 BNA_G
 ClientSampleId :

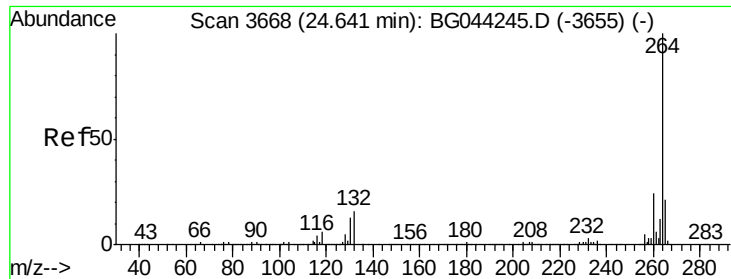
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.4	12.6
236	27.4	22.1	33.1



#79
 Terphenyl-d14
 Concen: 66.136 ng
 RT: 19.89 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG044462.D
 Acq: 18 Feb 2020 00:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.4	11.2
122	10.8	9.8	14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.59 min Scan# 3660
Delta R.T. -0.03 min
Lab File: BG044462.D
Acq: 18 Feb 2020 00:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	456671
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	21.3	16.7	25.1

