

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044507.D
 Acq On : 20 Feb 2020 2:37
 Operator : CG/JU
 Sample : L1362-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 20 07:19:46 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

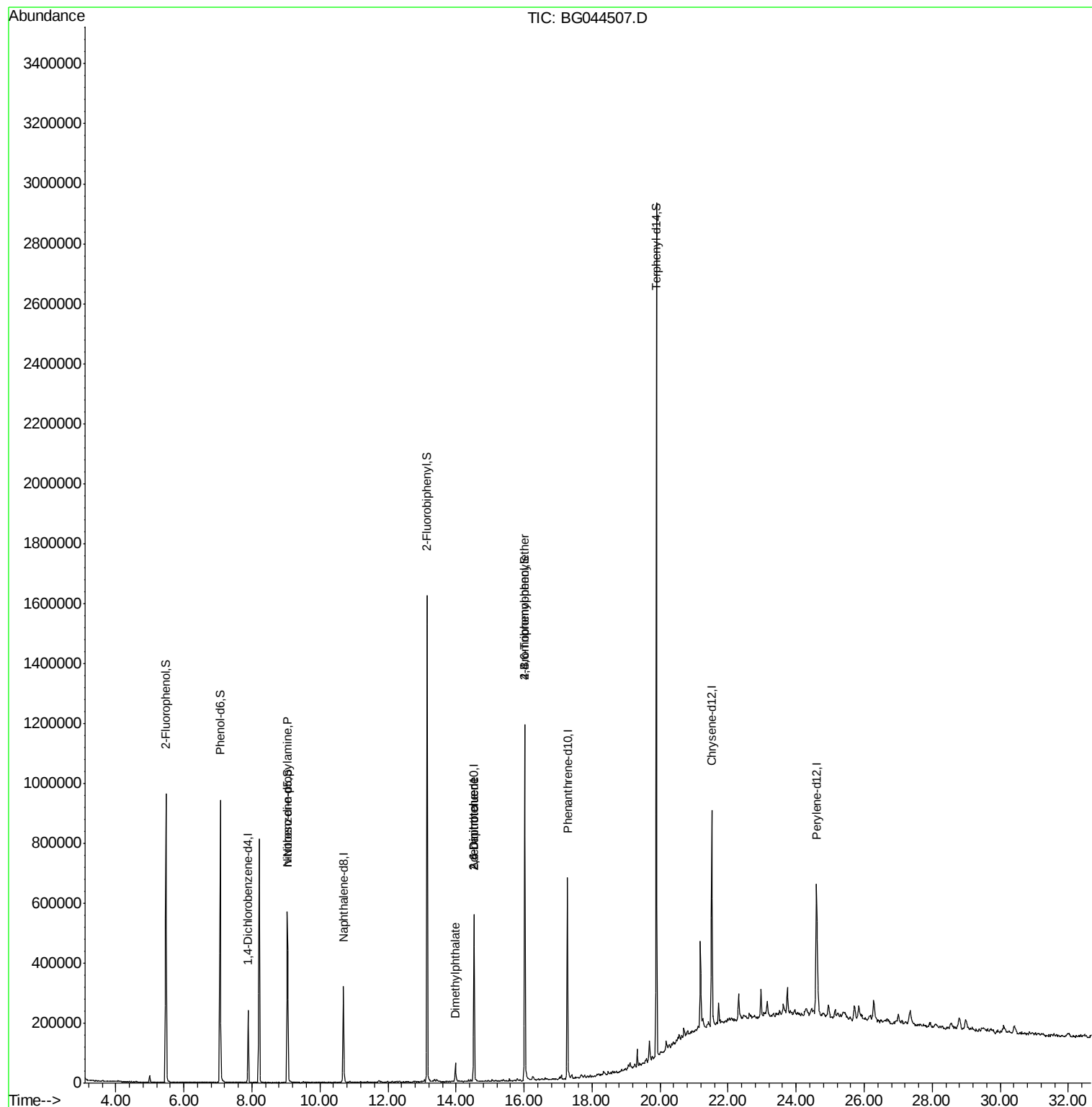
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	73856	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	305179	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	199744	20.00	ng	-0.01
64) Phenanthrene-d10	17.27	188	433268	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	413268	20.00	ng	-0.02
87) Perylene-d12	24.60	264	440121	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	482619	115.33	ng	0.00
7) Phenol-d6	7.07	99	631076	112.30	ng	0.00
23) Nitrobenzene-d5	9.04	82	379651	70.23	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	260789	111.22	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	894502	74.99	ng	-0.01
79) Terphenyl-d14	19.89	244	1345954	66.99	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.04	70	48924	13.063	ng	# 78
50) Dimethylphthalate	13.98	163	48937	3.408	ng	# 98
51) 2,6-Dinitrotoluene	14.53	165	26058	8.140	ng	# 30
57) 2,4-Dinitrotoluene	14.53	165	26058	5.807	ng	# 28
67) 4-Bromophenyl-phenylether	16.02	248	17457	3.698	ng	# 1

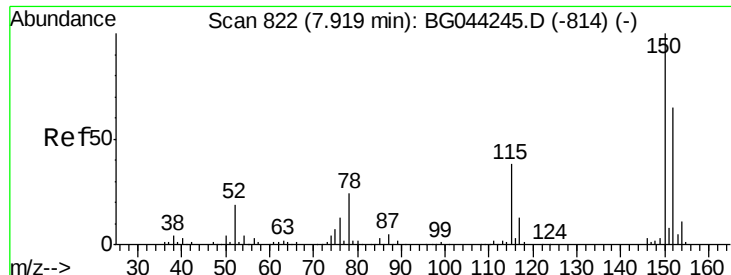
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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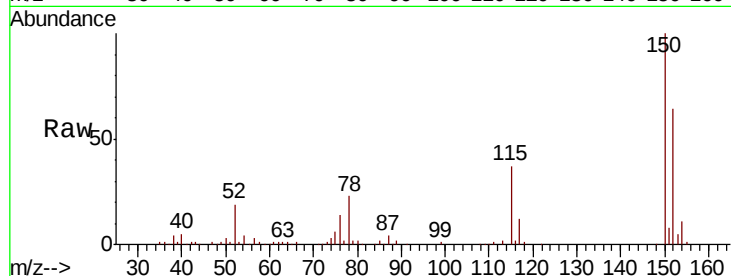


#1

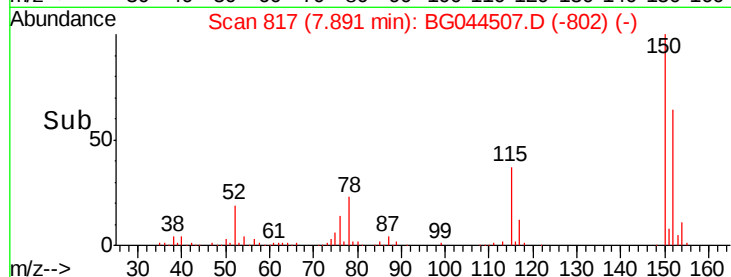
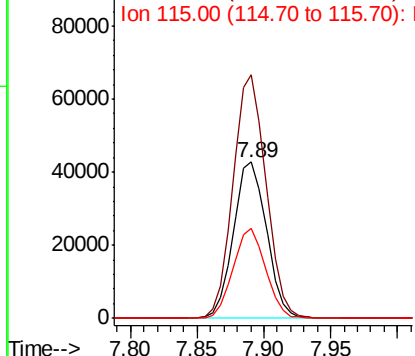
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG044507.D
 Acq: 20 Feb 2020 2:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 73856
 Ion Ratio Lower Upper
 152 100
 150 156.0 122.6 183.8
 115 57.8 46.0 69.0



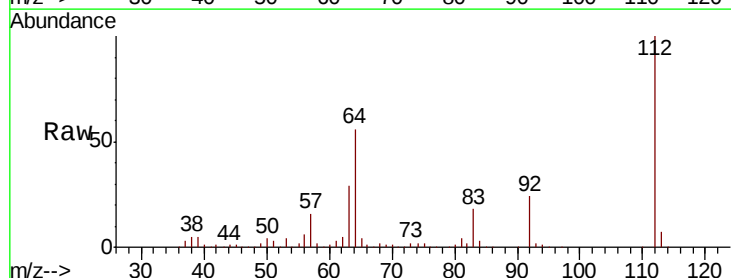
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



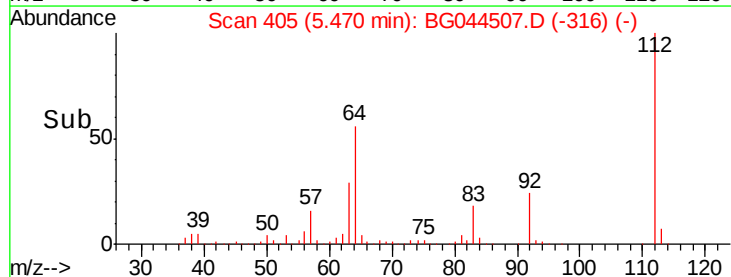
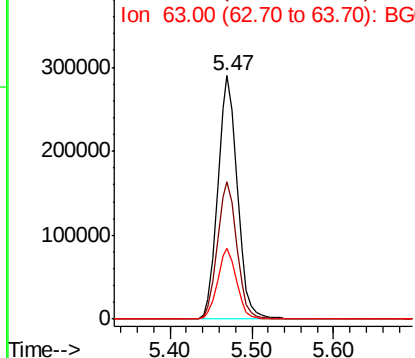
#5

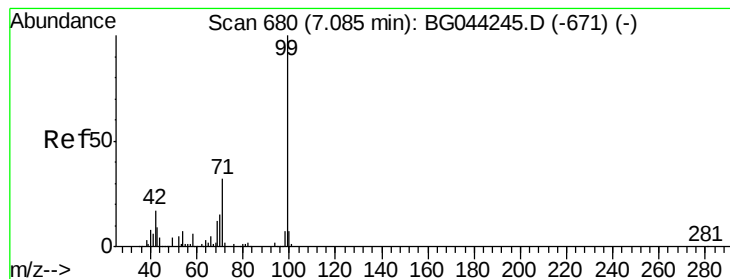
2-Fluorophenol
 Concen: 115.325 ng
 RT: 5.47 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BG044507.D
 Acq: 20 Feb 2020 2:37

Tgt Ion:112 Resp: 482619
 Ion Ratio Lower Upper
 112 100
 64 56.4 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): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 112.299 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044507.D

Acq: 20 Feb 2020 2:37

Instrument :

BNA_G

ClientSampleId :

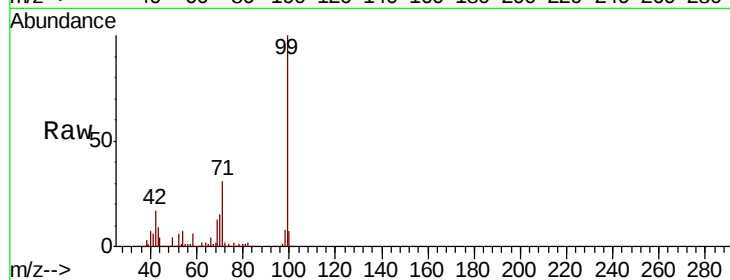
Tot Ion: 99 Resp: 631076

Ion Ratio Lower Upper

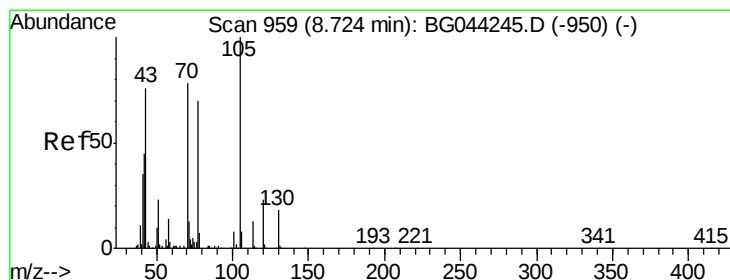
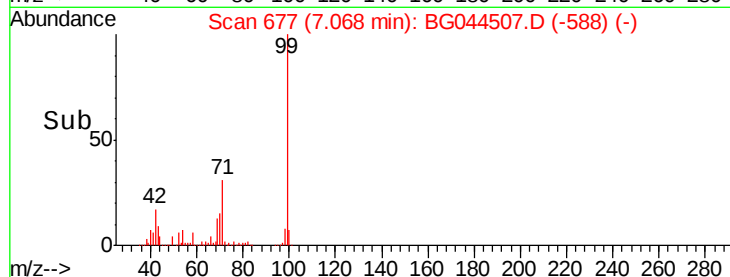
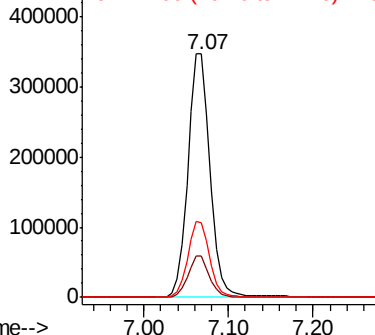
99 100

42 16.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.063 ng

RT: 9.04 min Scan# 1013

Delta R.T. 0.33 min

Lab File: BG044507.D

Acq: 20 Feb 2020 2:37

Tgt Ion: 70 Resp: 48924

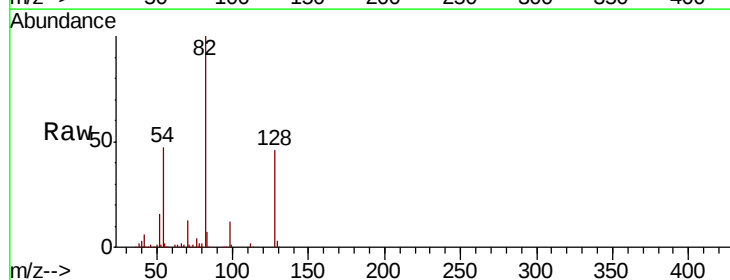
Ion Ratio Lower Upper

70 100

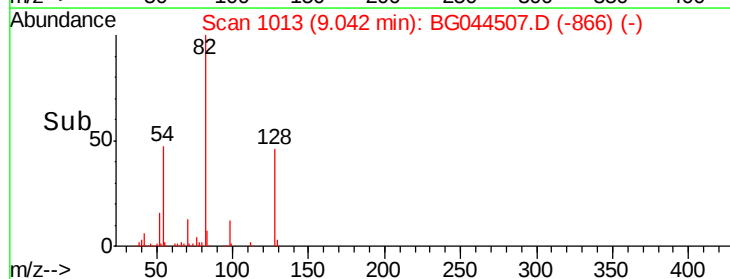
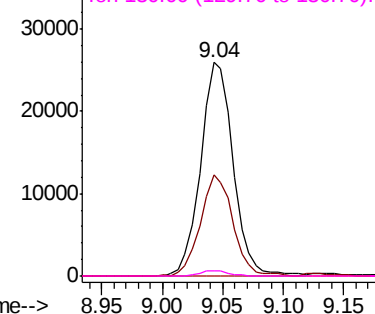
42 47.3 46.2 69.2

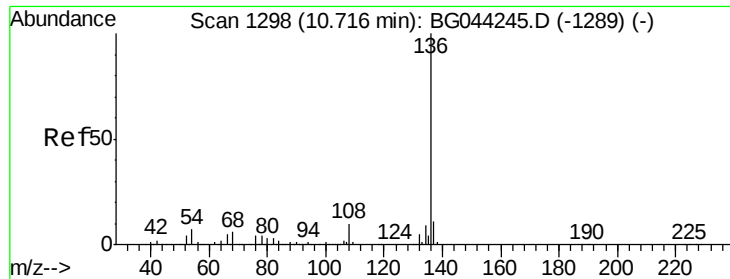
101 0.0 8.4 12.6#

130 2.6 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

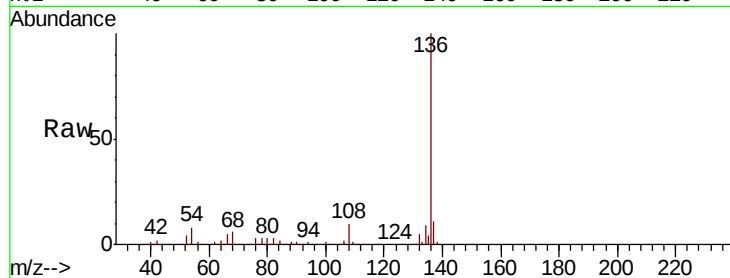




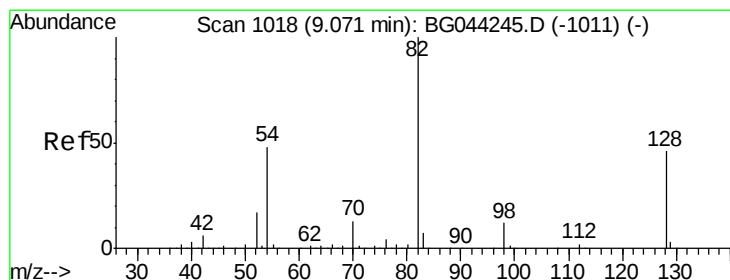
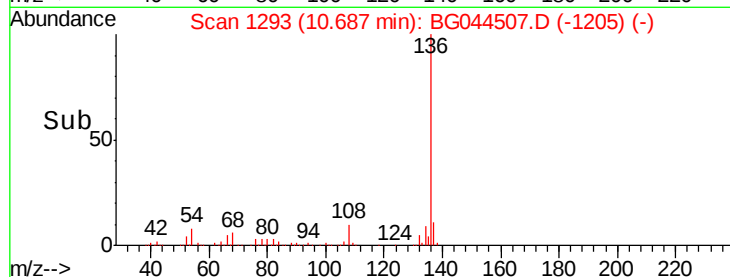
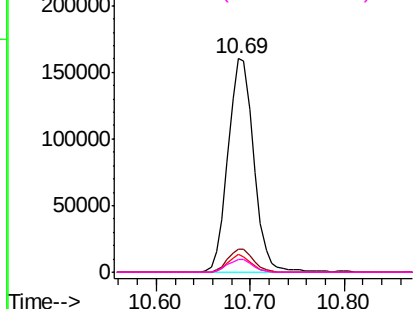
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG044507.D
Acq: 20 Feb 2020 2:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	305179
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.8 13.2
54	8.2	5.8 8.8
68	5.7	4.6 6.8

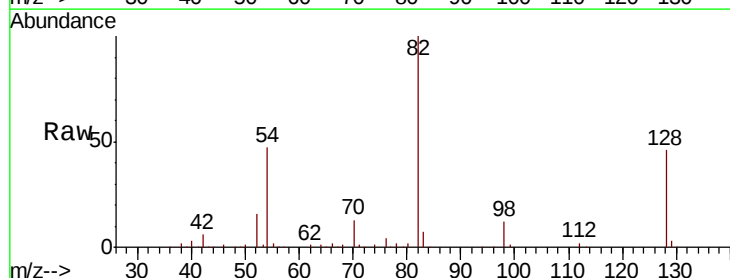


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

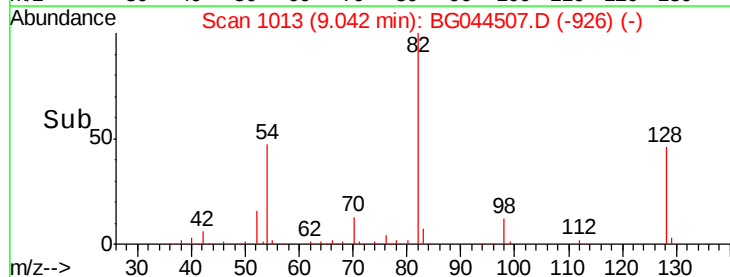
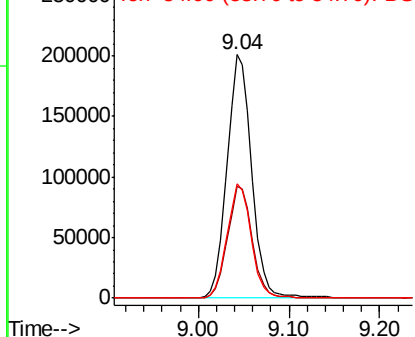


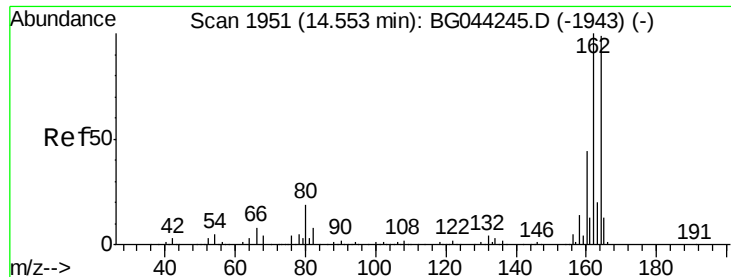
#23
Nitrobenzene-d5
Concen: 70.233 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BG044507.D
Acq: 20 Feb 2020 2:37

Tgt Ion: 82	Resp:	379651
Ion	Ratio	Lower Upper
82	100	
128	45.8	36.5 54.7
54	47.0	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# 1947

Delta R.T. -0.01 min

Lab File: BG044507.D

Acq: 20 Feb 2020 2:37

Instrument :

BNA_G

ClientSampleId :

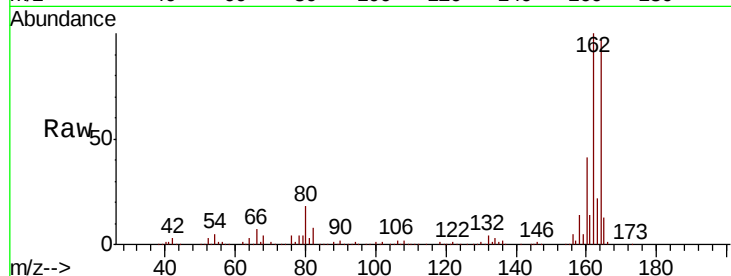
Tot Ion:164 Resp: 199744

Ion Ratio Lower Upper

164 100

162 103.6 80.7 121.1

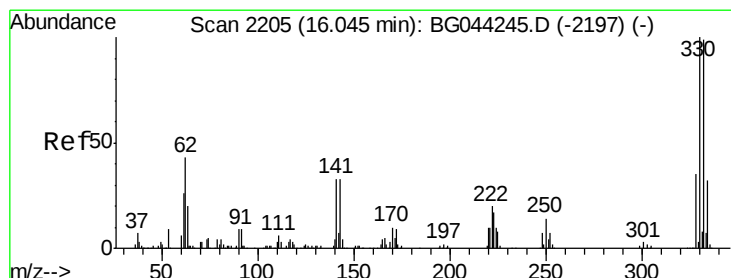
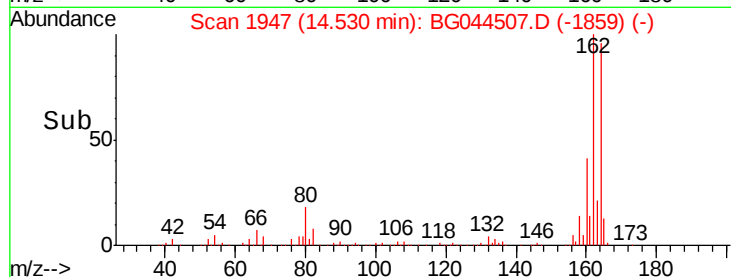
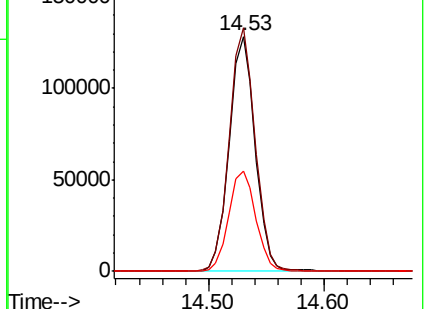
160 42.6 35.3 52.9



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: 111.216 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG044507.D

Acq: 20 Feb 2020 2:37

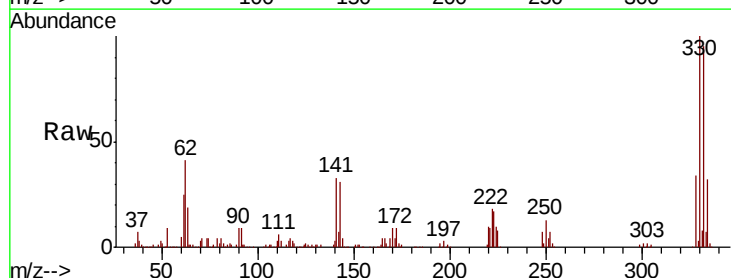
Tgt Ion:330 Resp: 260789

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

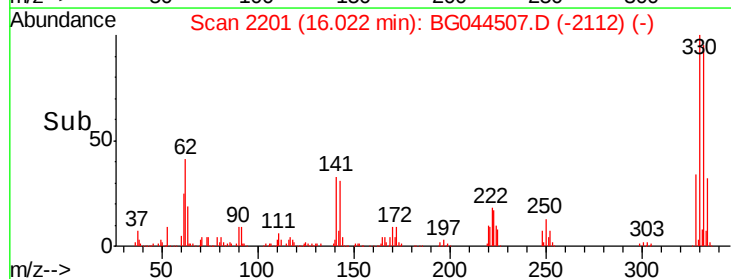
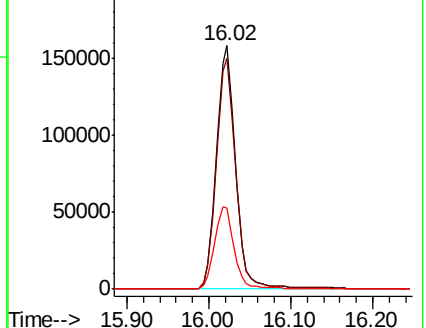
141 34.7 28.3 42.5

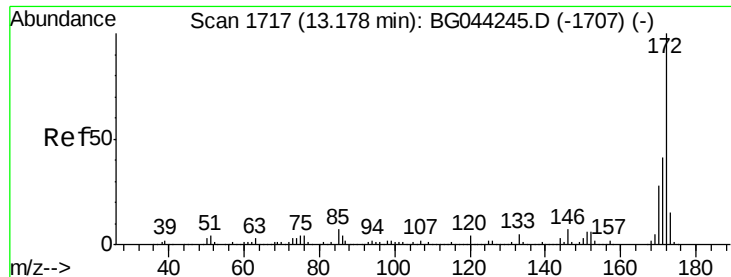


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

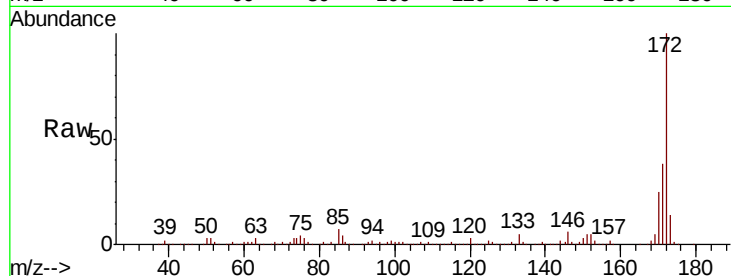




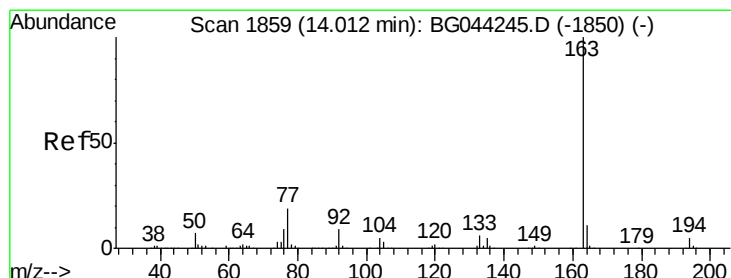
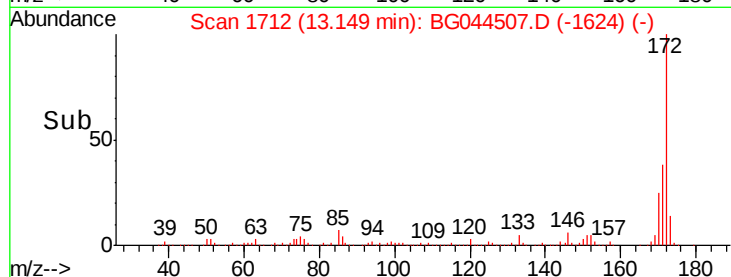
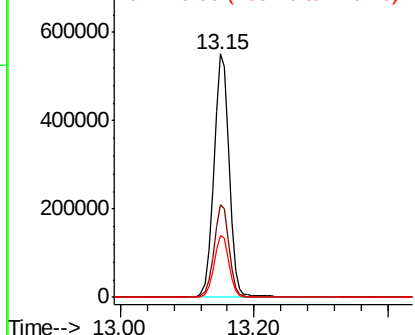
#45
2-Fluorobiphenyl
Concen: 74.991 ng
RT: 13.15 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG044507.D
Acq: 20 Feb 2020 2:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 894502
Ion Ratio Lower Upper
172 100
171 37.9 32.9 49.3
170 25.4 22.0 33.0

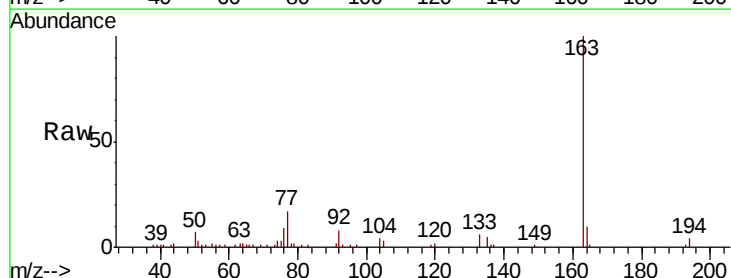


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

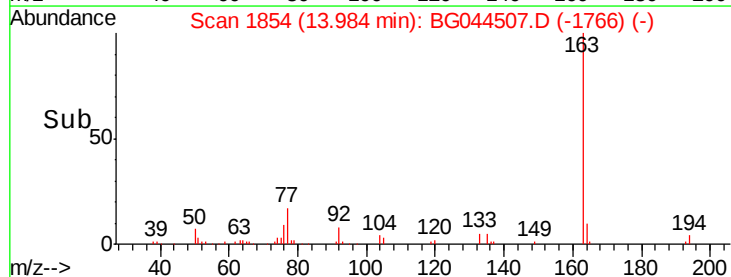
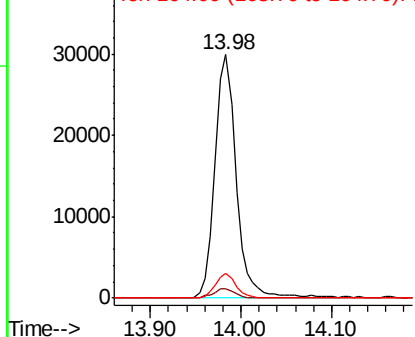


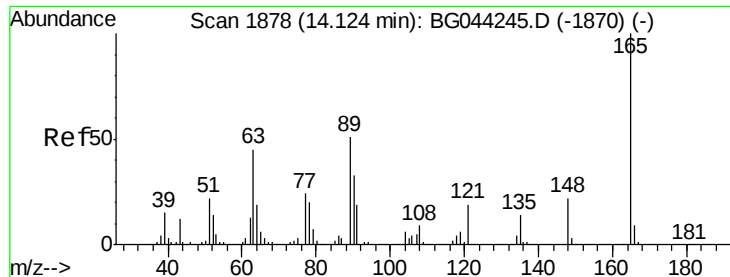
#50
Dimethylphthalate
Concen: 3.408 ng
RT: 13.98 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG044507.D
Acq: 20 Feb 2020 2:37

Tgt Ion:163 Resp: 48937
Ion Ratio Lower Upper
163 100
194 3.9 3.6 5.4
164 10.1 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

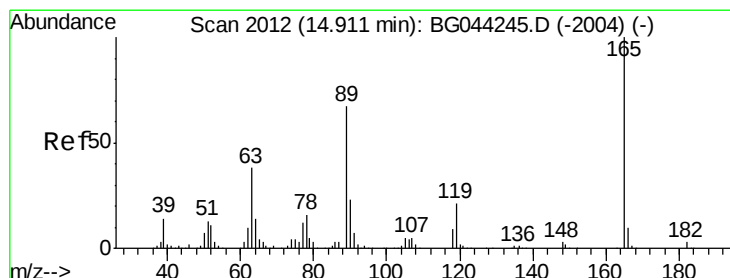
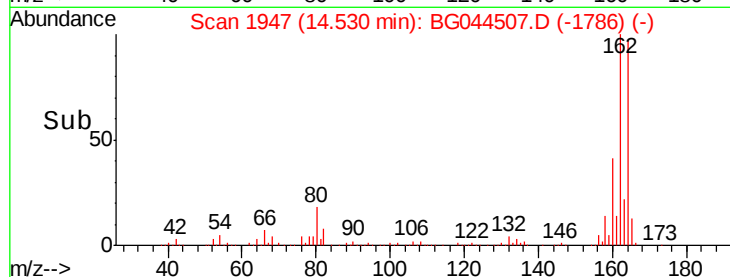
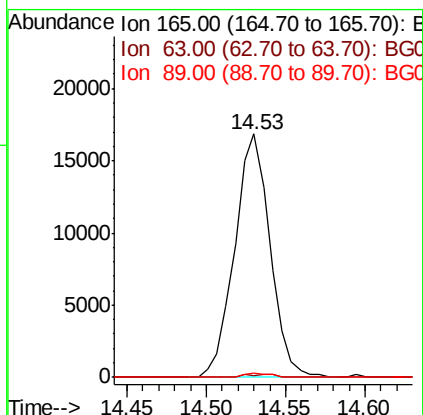
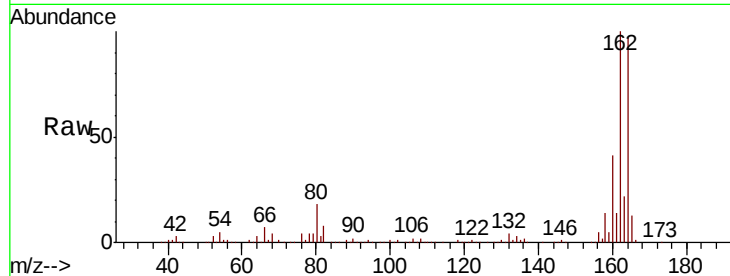




#51
 2,6-Dinitrotoluene
 Concen: 8.140 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG044507.D
 Acq: 20 Feb 2020 2:37

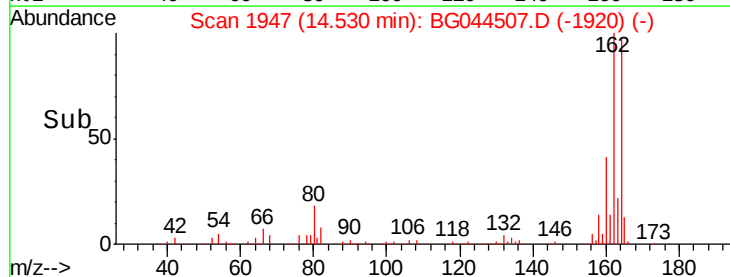
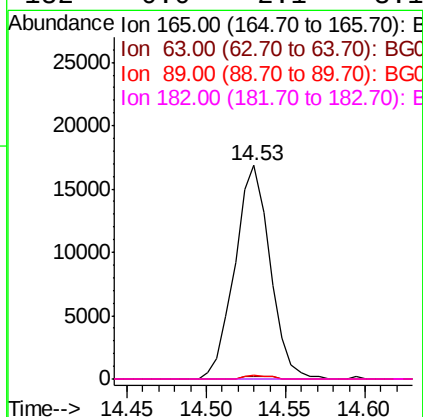
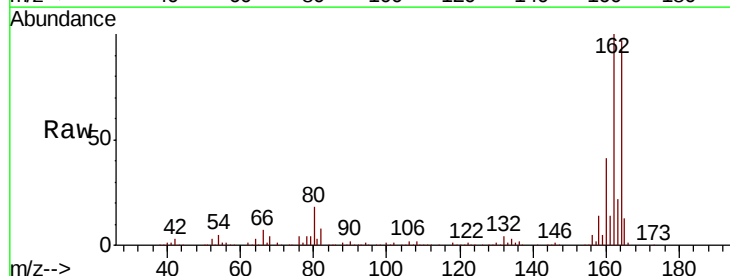
Instrument :
 BNA_G
 ClientSampleId :

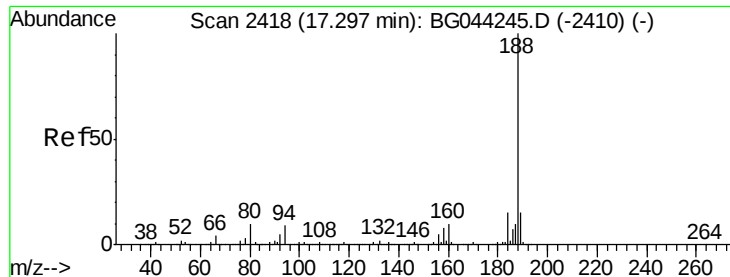
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	38.7	58.1#
89	2.0	40.4	60.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.807 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG044507.D
 Acq: 20 Feb 2020 2:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	30.3	45.5#
89	2.0	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. -0.01 min

Lab File: BG044507.D

Acq: 20 Feb 2020 2:37

Instrument :

BNA_G

ClientSampleId :

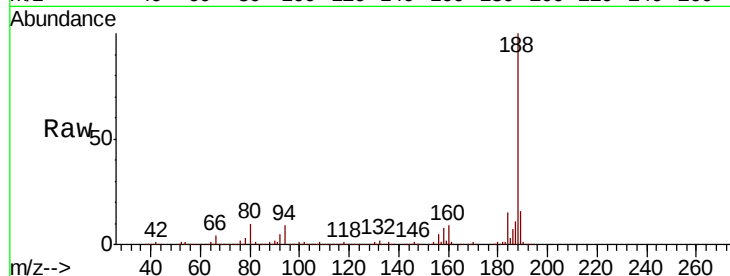
Tot Ion:188 Resp: 433268

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

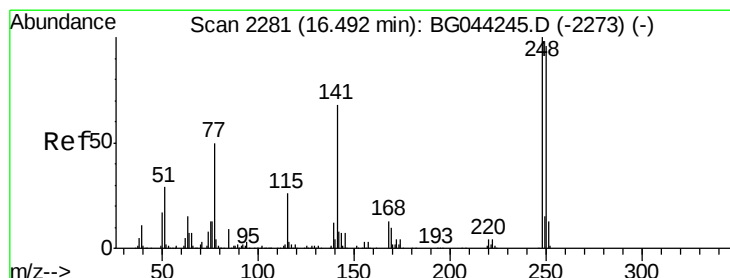
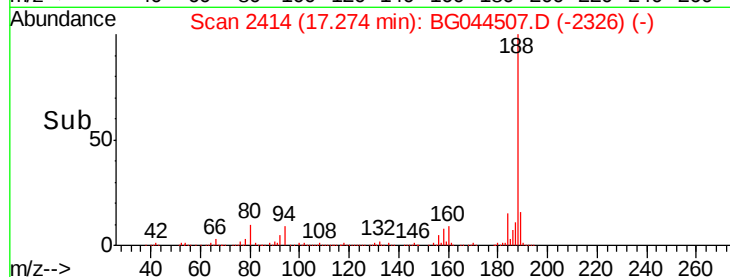
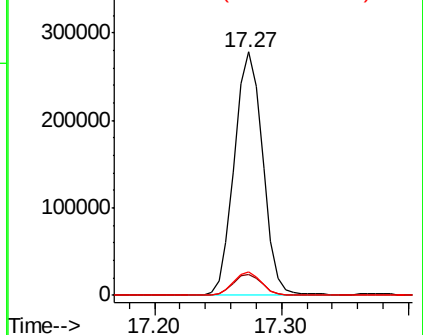
80 9.6 7.7 11.5



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: 3.698 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.46 min

Lab File: BG044507.D

Acq: 20 Feb 2020 2:37

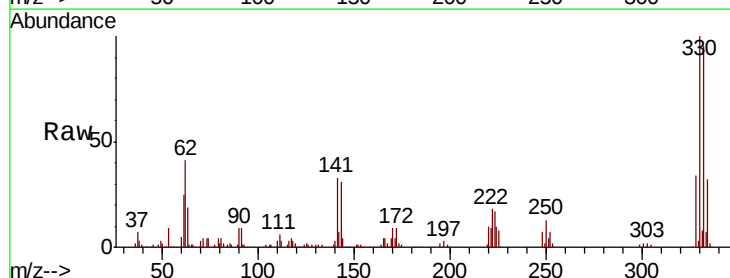
Tgt Ion:248 Resp: 17457

Ion Ratio Lower Upper

248 100

250 193.9 76.6 114.8#

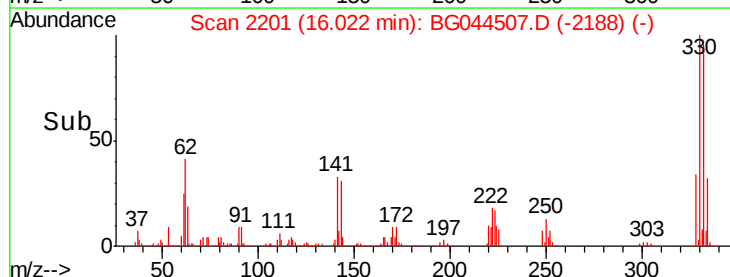
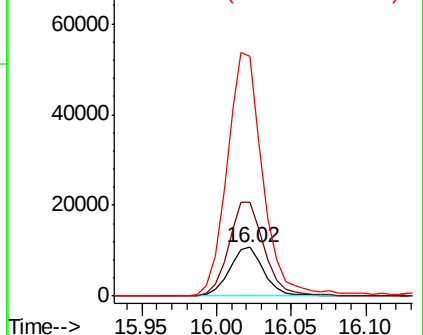
141 491.2 54.7 82.1#

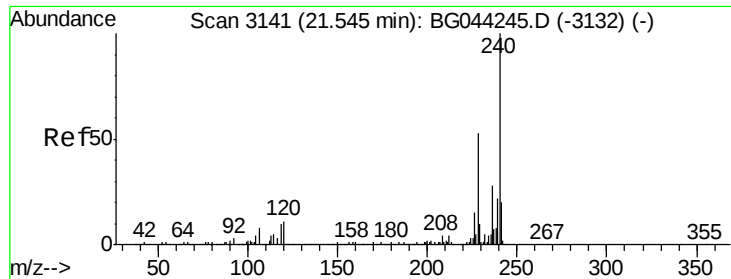


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

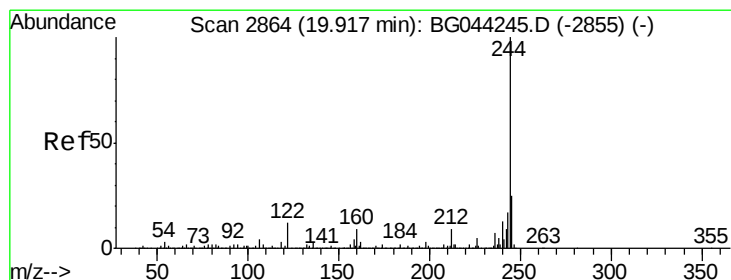
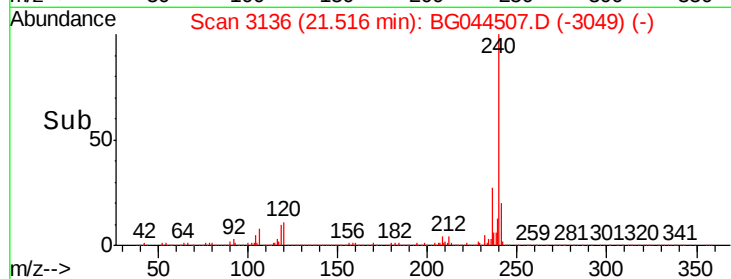
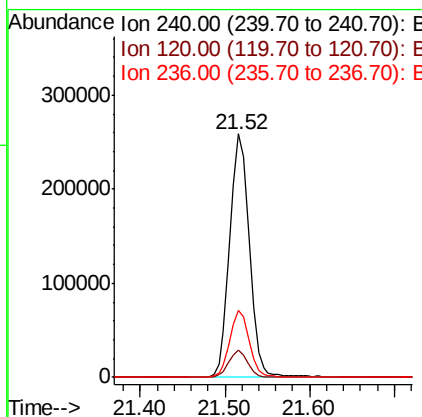
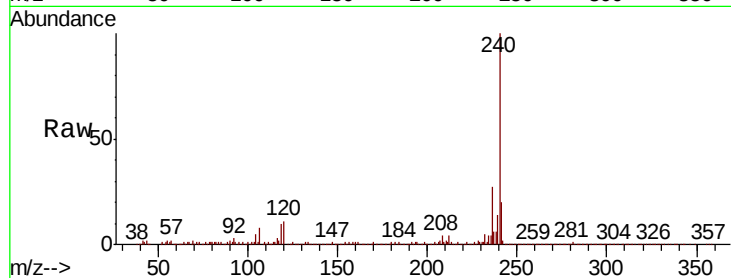




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG044507.D
 Acq: 20 Feb 2020 2:37

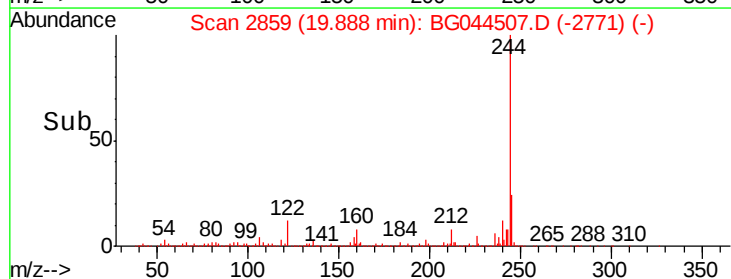
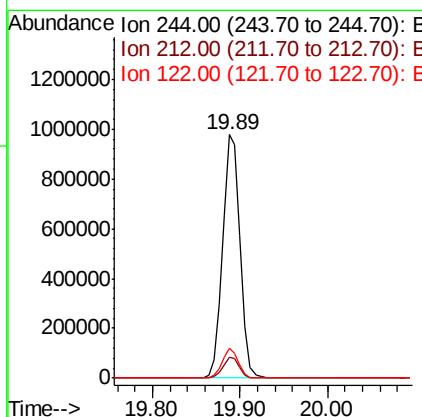
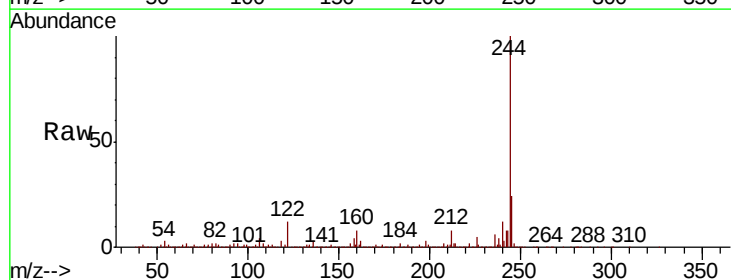
Instrument :
 BNA_G
 ClientSampleId :

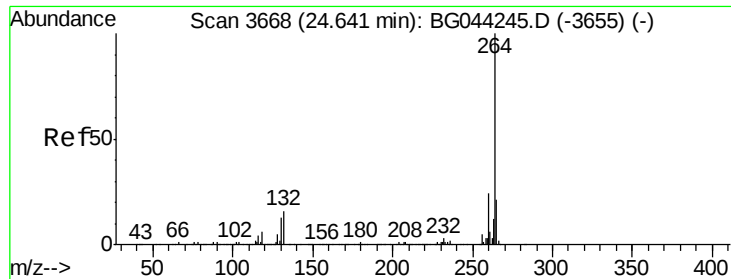
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.4	12.6
236	27.4	22.1	33.1



#79
 Terphenyl-d14
 Concen: 66.989 ng
 RT: 19.89 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BG044507.D
 Acq: 20 Feb 2020 2:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.4	11.2
122	12.0	9.8	14.6

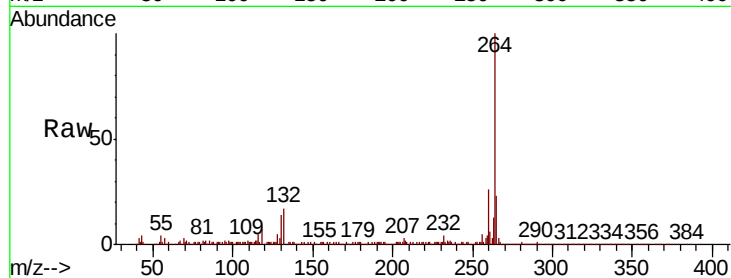




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3661
Delta R.T. -0.02 min
Lab File: BG044507.D
Acq: 20 Feb 2020 2:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.4	29.2
265	22.9	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

