

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044525.D
 Acq On : 20 Feb 2020 17:57
 Operator : CG/JU
 Sample : L1566-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 06:49:15 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

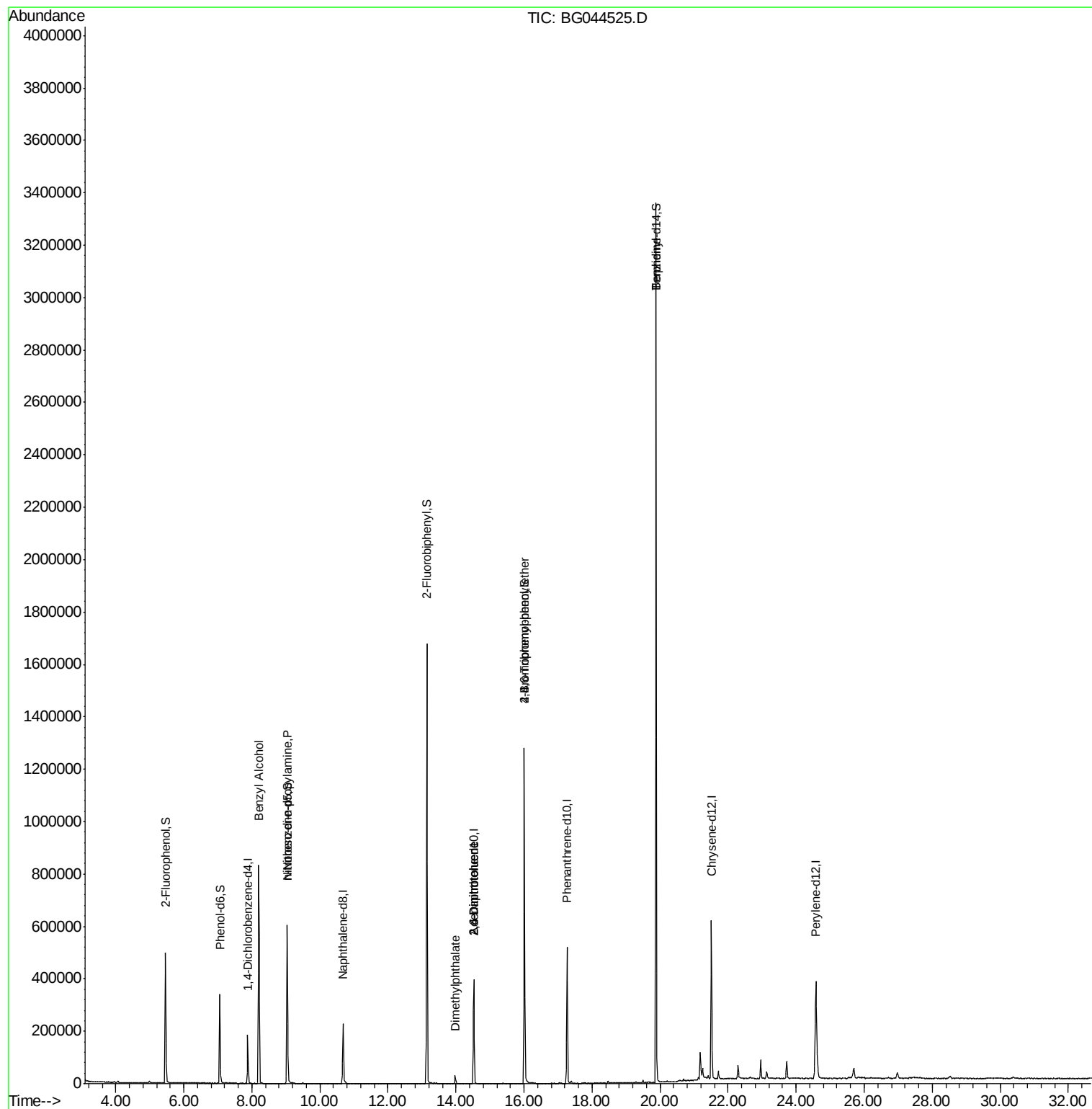
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	57480	20.00	ng	-0.03
21) Naphthalene-d8	10.68	136	230459	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	149684	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	344639	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	365059	20.00	ng	-0.03
87) Perylene-d12	24.58	264	383475	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	254357	78.10	ng	-0.02
7) Phenol-d6	7.06	99	243406	55.65	ng	-0.02
23) Nitrobenzene-d5	9.04	82	400206	98.04	ng	-0.03
42) 2,4,6-Tribromophenol	16.01	330	271919	154.75	ng	-0.02
45) 2-Fluorobiphenyl	13.14	172	938925	105.04	ng	-0.02
79) Terphenyl-d14	19.88	244	1597712	90.02	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.20	79	6617	2.137	ng	# 39
19) n-Nitroso-di-n-propylamine	9.04	70	50930	17.473	ng	# 75
50) Dimethylphthalate	13.98	163	29727	2.763	ng	# 96
51) 2,6-Dinitrotoluene	14.52	165	19967	8.323	ng	# 29
57) 2,4-Dinitrotoluene	14.52	165	19967	5.938	ng	# 27
67) 4-Bromophenyl-phenylether	16.01	248	18569	4.945	ng	# 1
77) Benizidine	19.88	184	24636	2.433	ng	# 93

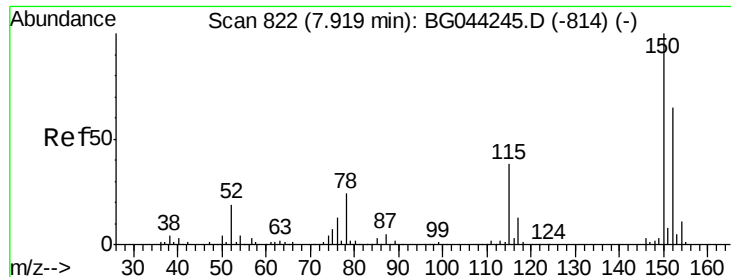
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
Data File : BG044525.D
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Sample : L1566-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 21 06:49:15 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



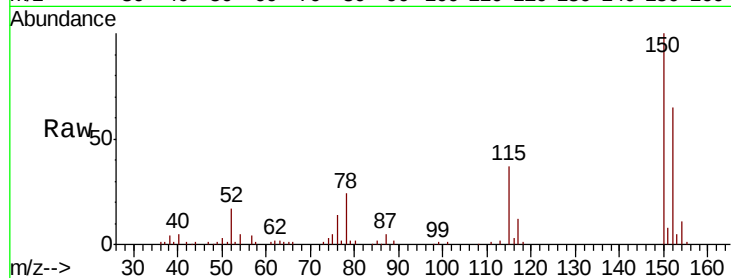


#1

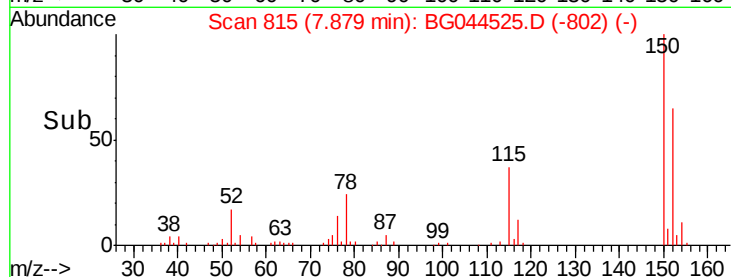
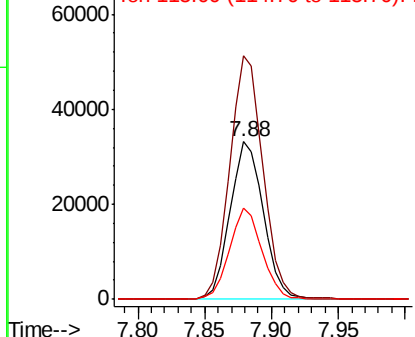
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.03 min
Lab File: BG044525.D
Acq: 20 Feb 2020 17:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57480
Ion Ratio Lower Upper
152 100
150 154.5 122.6 183.8
115 57.9 46.0 69.0



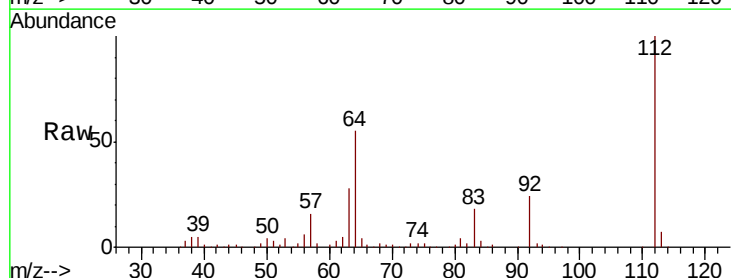
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



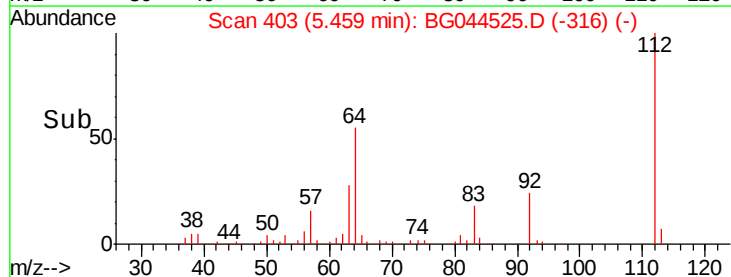
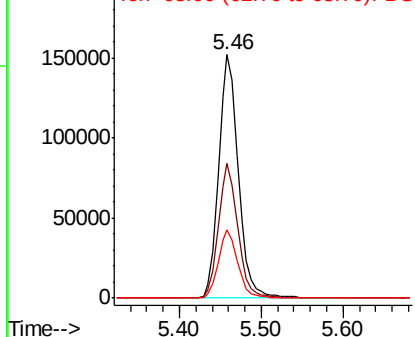
#5

2-Fluorophenol
Concen: 78.097 ng
RT: 5.46 min Scan# 403
Delta R.T. -0.02 min
Lab File: BG044525.D
Acq: 20 Feb 2020 17:57

Tgt Ion:112 Resp: 254357
Ion Ratio Lower Upper
112 100
64 55.4 45.4 68.2
63 28.1 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 55.654 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG044525.D

Acq: 20 Feb 2020 17:57

Instrument :

BNA_G

ClientSampleId :

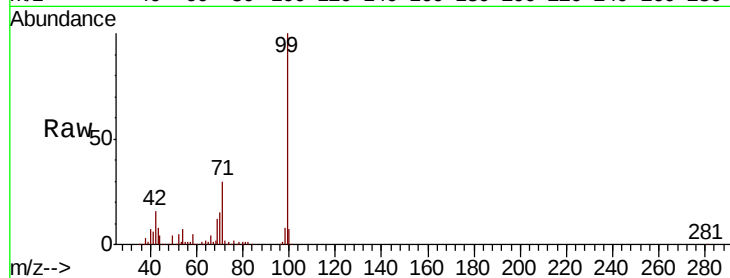
Tot Ion: 99 Resp: 243406

Ion Ratio Lower Upper

99 100

42 16.2 13.8 20.6

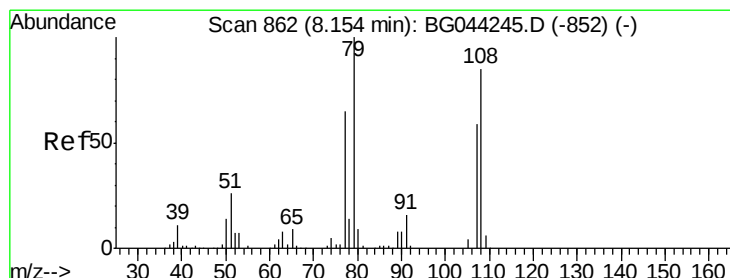
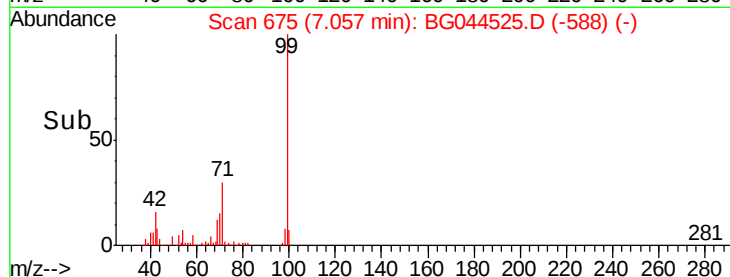
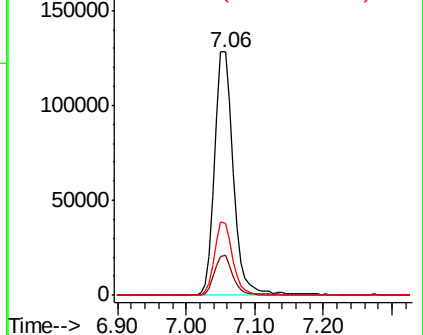
71 29.8 25.5 38.3



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



#15

Benzyl Alcohol

Concen: 2.137 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.06 min

Lab File: BG044525.D

Acq: 20 Feb 2020 17:57

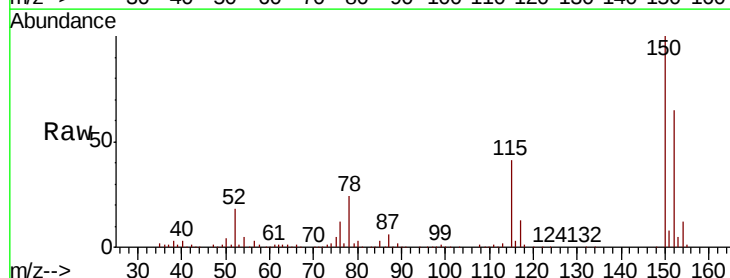
Tgt Ion: 79 Resp: 6617

Ion Ratio Lower Upper

79 100

108 34.8 68.3 102.5#

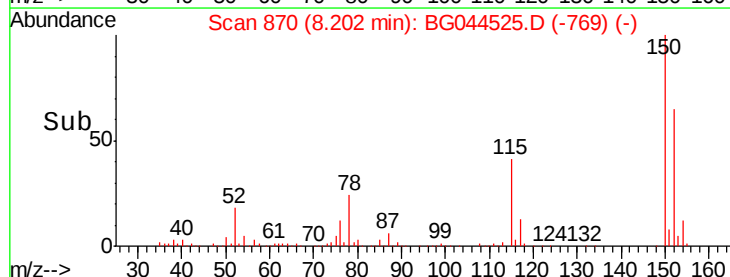
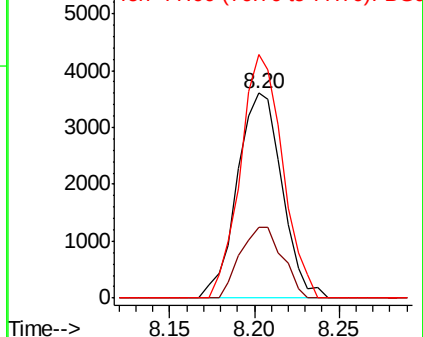
77 119.0 51.8 77.8#

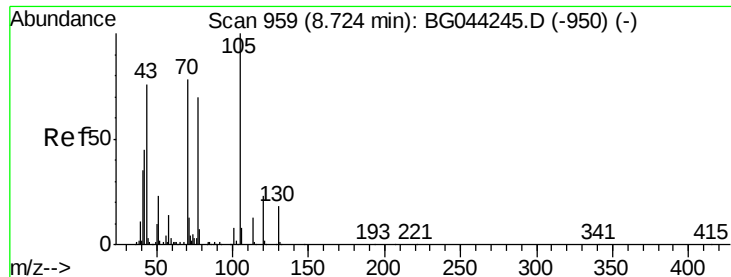


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 17.473 ng

RT: 9.04 min Scan# 1012

Delta R.T. 0.33 min

Lab File: BG044525.D

Acq: 20 Feb 2020 17:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 50930

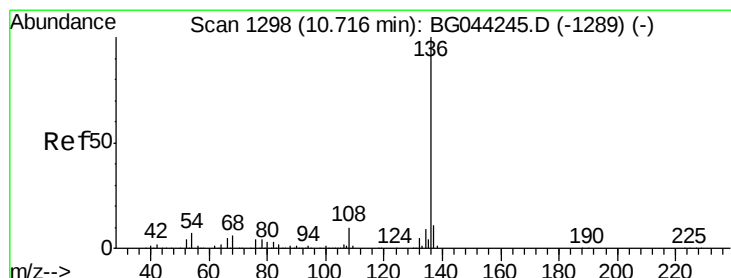
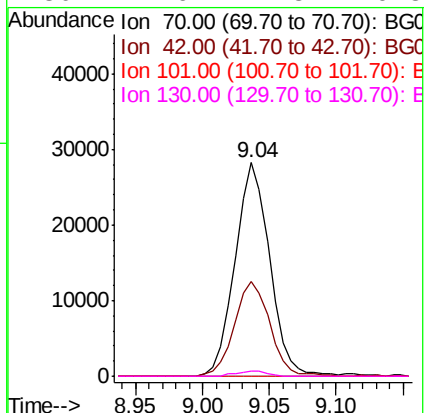
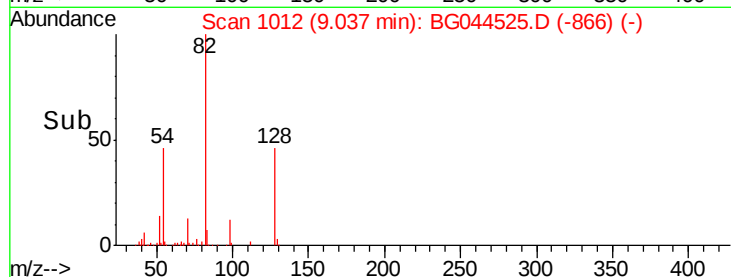
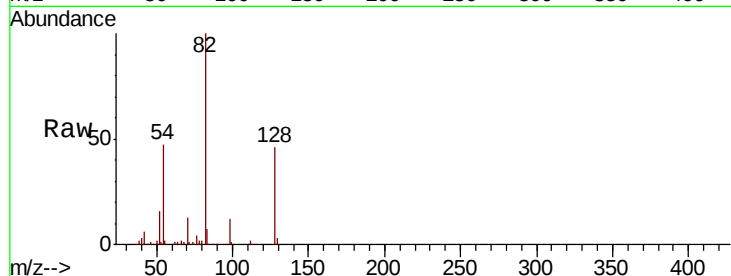
Ion Ratio Lower Upper

70 100

42 44.3 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: 10.68 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BG044525.D

Acq: 20 Feb 2020 17:57

Tgt Ion: 136 Resp: 230459

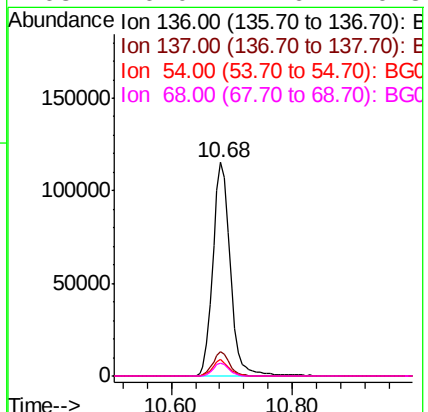
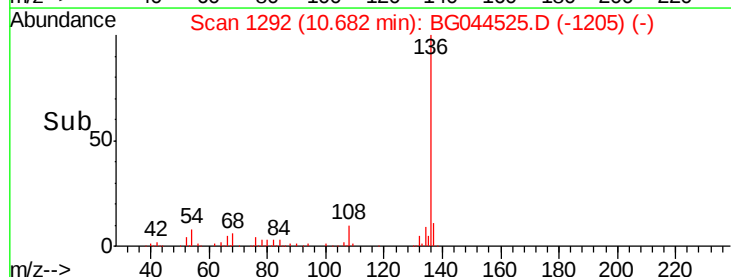
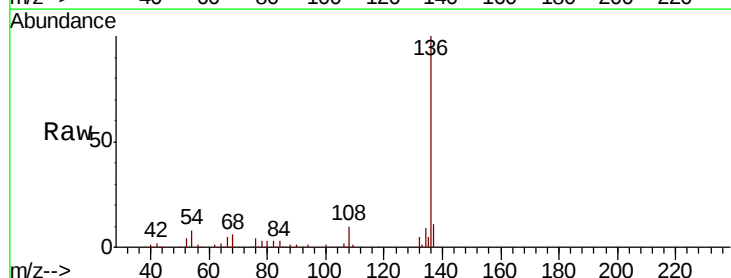
Ion Ratio Lower Upper

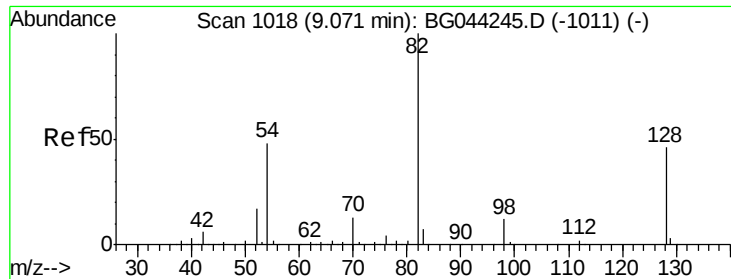
136 100

137 11.3 8.8 13.2

54 7.7 5.8 8.8

68 6.0 4.6 6.8

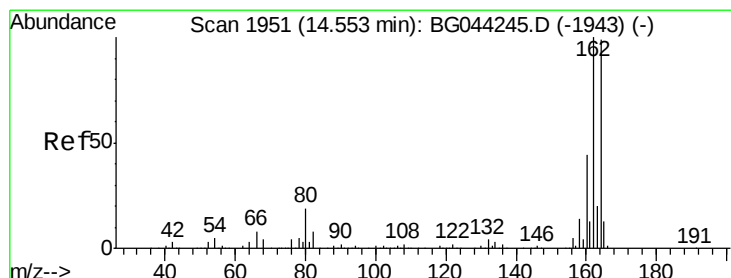
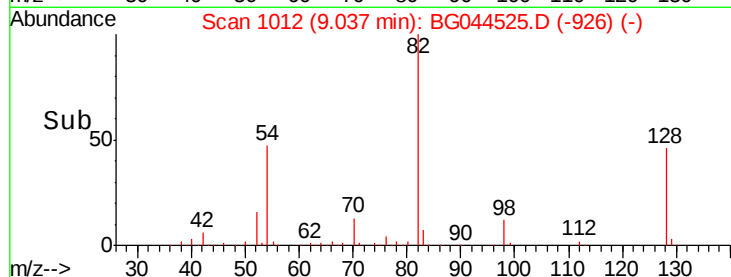
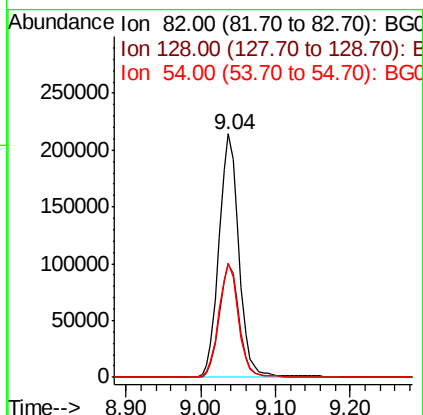
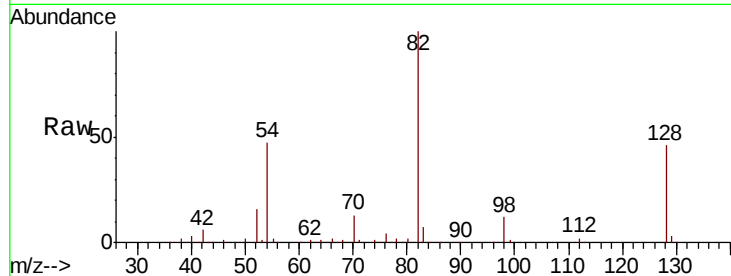




#23
Nitrobenzene-d5
Concen: 98.040 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BG044525.D
Acq: 20 Feb 2020 17:57

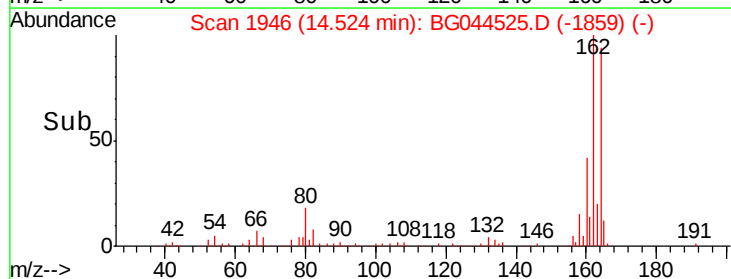
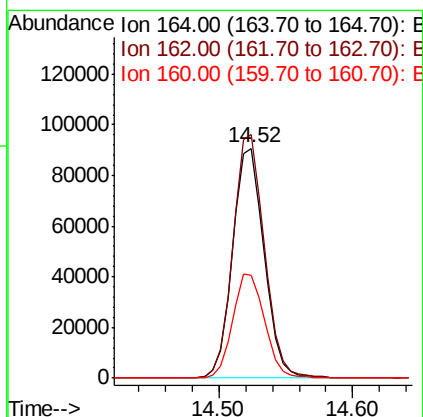
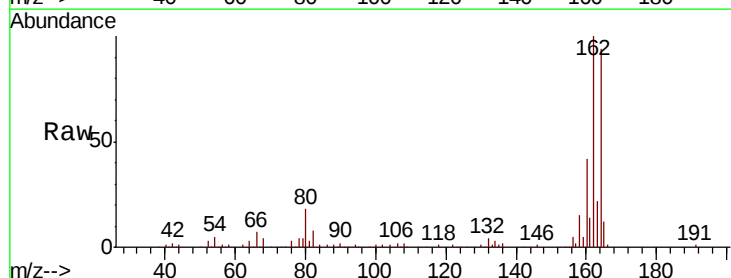
Instrument :
BNA_G
ClientSampleId :

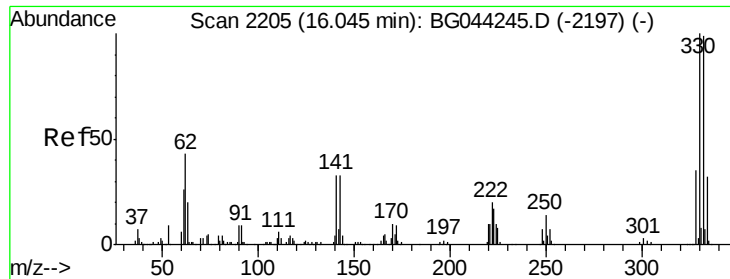
Tot Ion	82	Resp	400206
Ion Ratio	Lower	Upper	
82	100		
128	46.2	36.5	54.7
54	46.9	38.6	58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG044525.D
Acq: 20 Feb 2020 17:57

Tgt Ion	164	Resp	149684
Ion Ratio	Lower	Upper	
164	100		
162	106.0	80.7	121.1
160	45.0	35.3	52.9

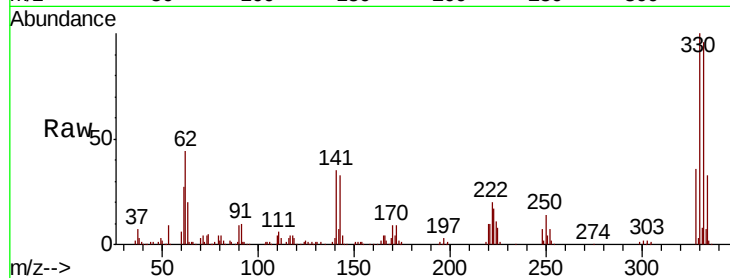




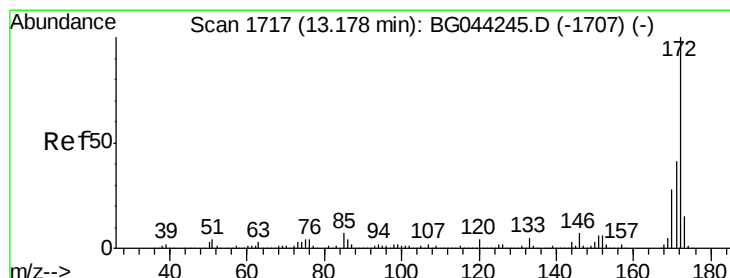
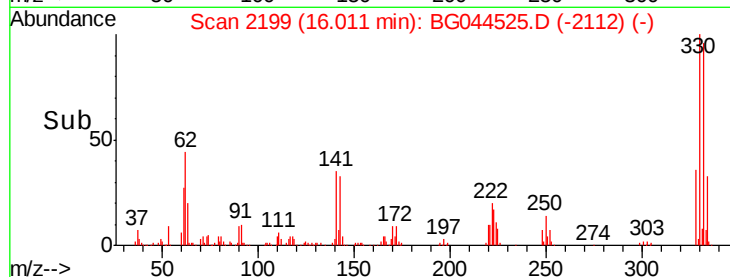
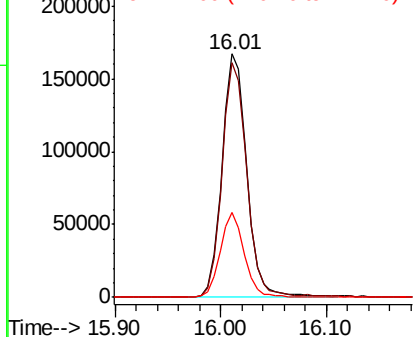
#42
 2,4,6-Tribromophenol
 Concen: 154.745 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.02 min
 Lab File: BG044525.D
 Acq: 20 Feb 2020 17:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.2	115.8
141	34.1	28.3	42.5

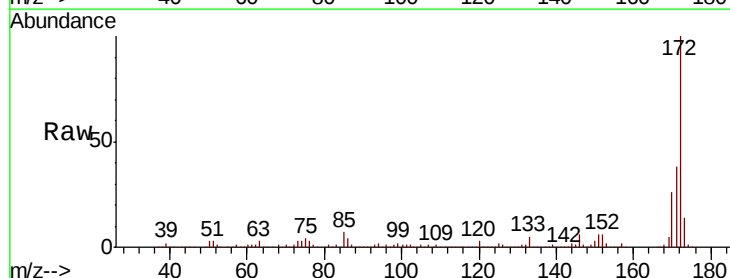


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

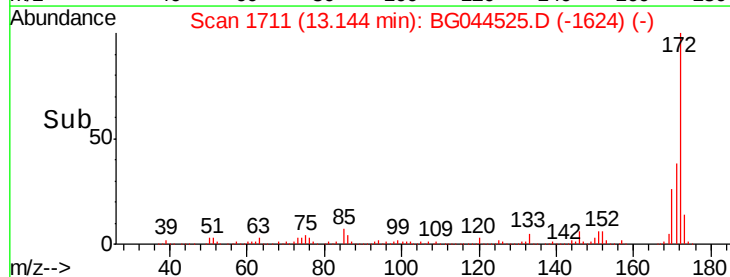
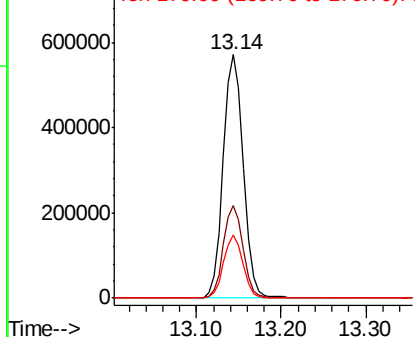


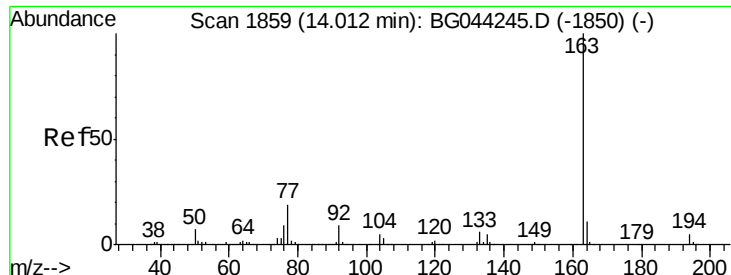
#45
 2-Fluorobiphenyl
 Concen: 105.040 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.02 min
 Lab File: BG044525.D
 Acq: 20 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.9	49.3
170	25.7	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: 2.763 ng

RT: 13.98 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BG044525.D

Acq: 20 Feb 2020 17:57

Instrument :

BNA_G

ClientSampleId :

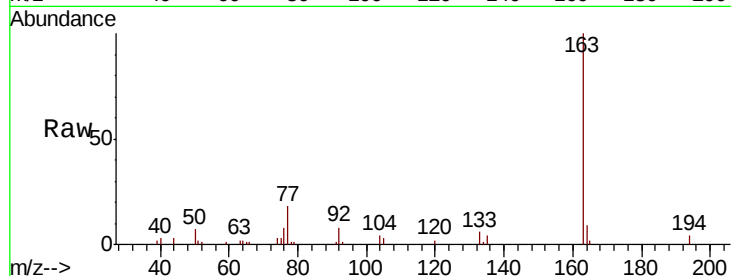
Tot Ion:163 Resp: 29727

Ion Ratio Lower Upper

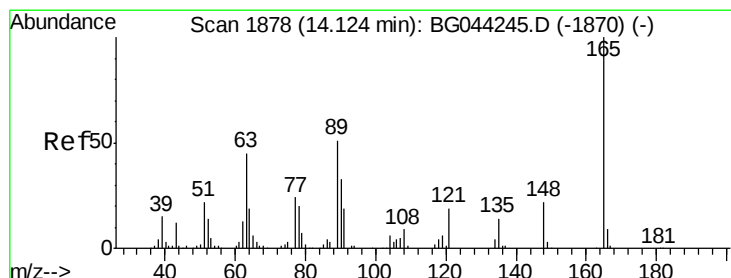
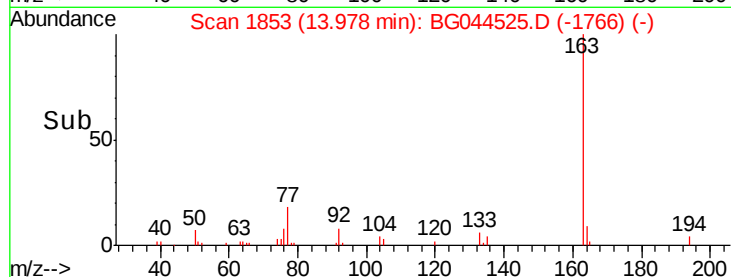
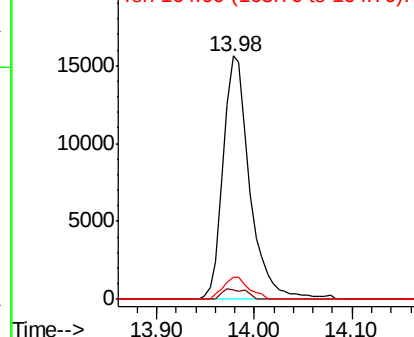
163 100

194 3.6 3.6 5.4#

164 8.9 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: 8.323 ng

RT: 14.52 min Scan# 1945

Delta R.T. 0.40 min

Lab File: BG044525.D

Acq: 20 Feb 2020 17:57

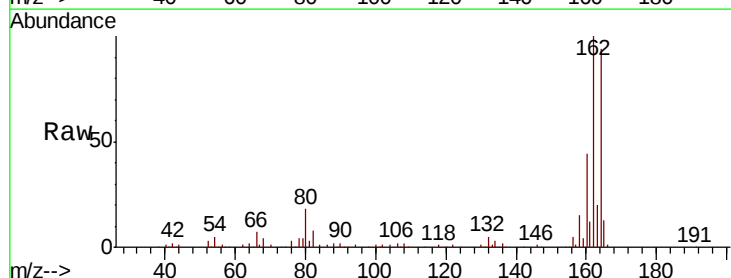
Tgt Ion:165 Resp: 19967

Ion Ratio Lower Upper

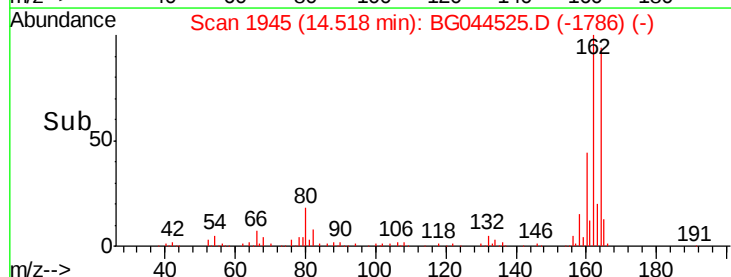
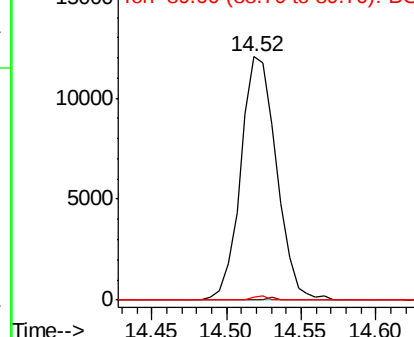
165 100

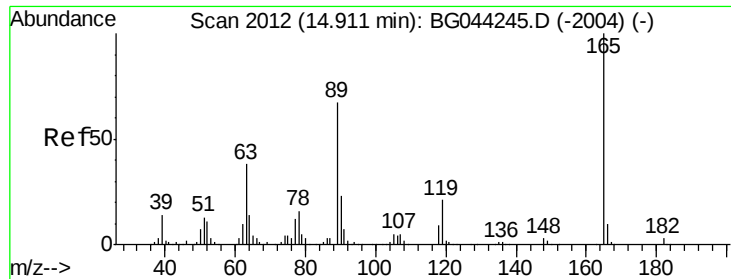
63 0.0 38.7 58.1#

89 1.3 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

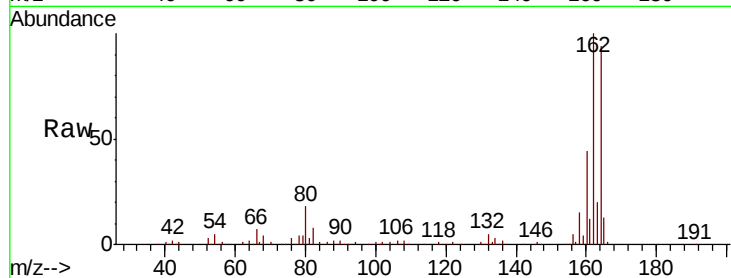




#57
 2,4-Dinitrotoluene
 Concen: 5.938 ng
 RT: 14.52 min Scan# 1945
 Delta R.T. -0.38 min
 Lab File: BG044525.D
 Acq: 20 Feb 2020 17:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.3	45.5#
89	1.3	53.4	80.2#
182	0.0	2.1	3.1#

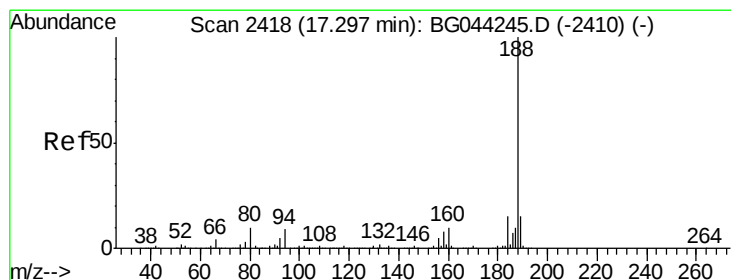
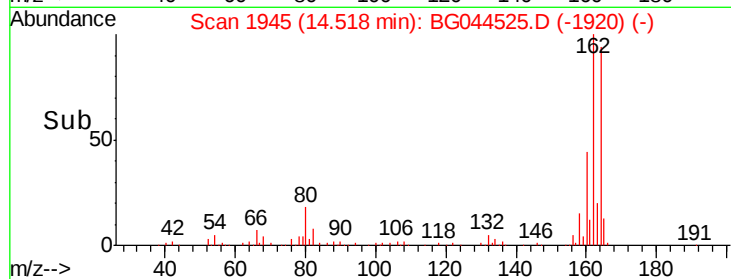
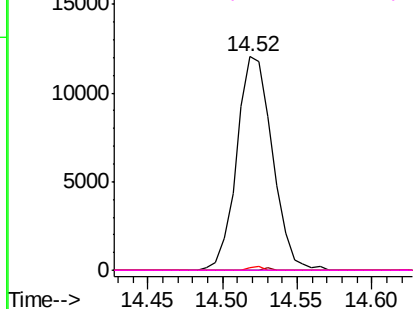


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

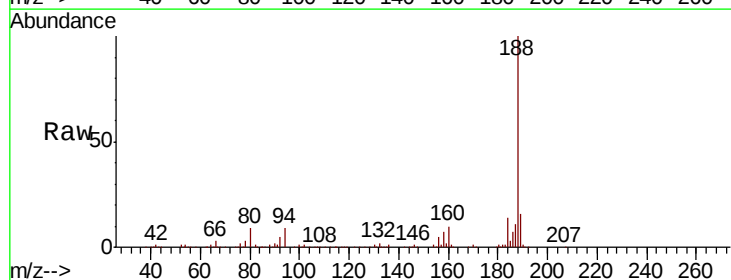
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.27 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BG044525.D
 Acq: 20 Feb 2020 17:57

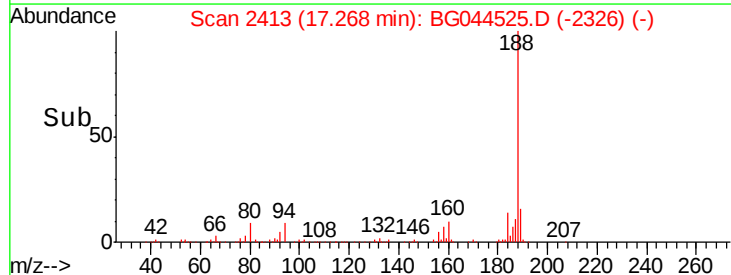
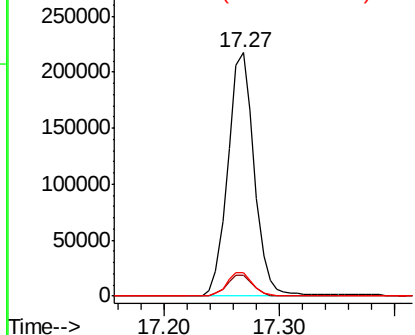
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.2
80	9.5	7.7	11.5

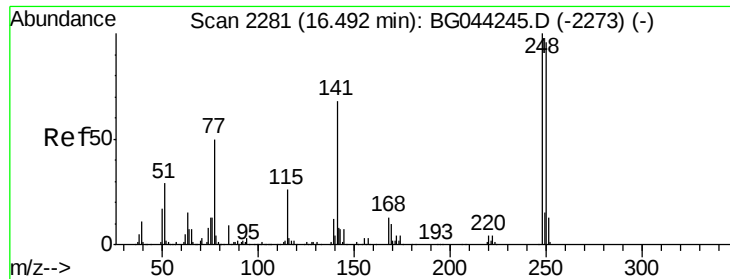


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

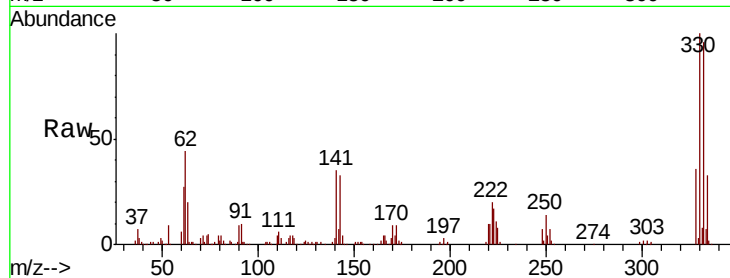




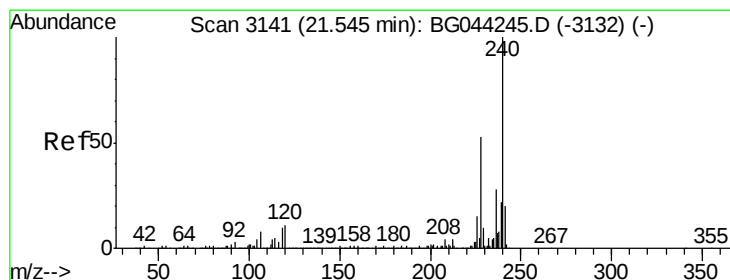
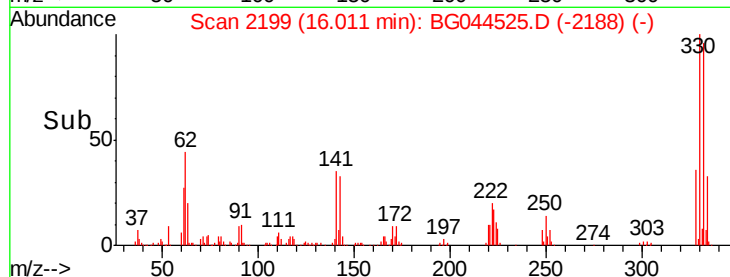
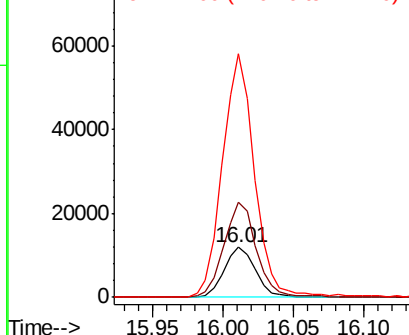
#67
 4-Bromophenyl-phenylether
 Concen: 4.945 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.47 min
 Lab File: BG044525.D
 Acq: 20 Feb 2020 17:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 18569
 Ion Ratio Lower Upper
 248 100
 250 189.8 76.6 114.8#
 141 488.1 54.7 82.1#

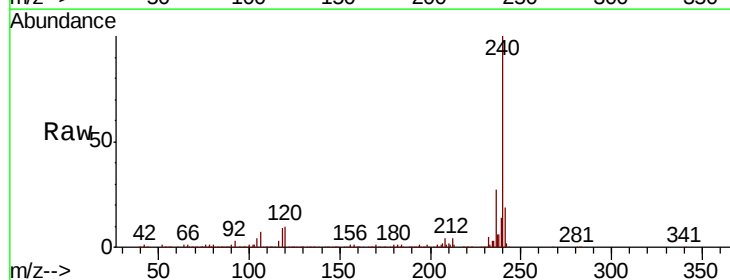


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

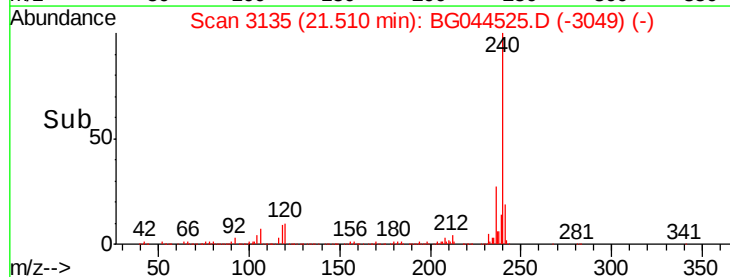
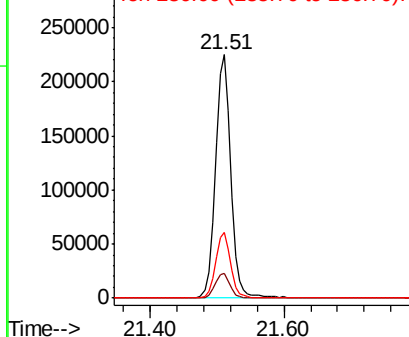


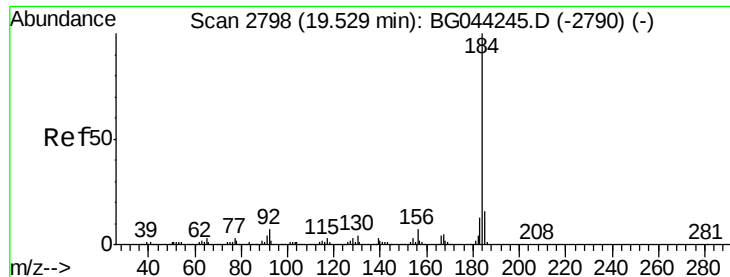
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.03 min
 Lab File: BG044525.D
 Acq: 20 Feb 2020 17:57

Tgt Ion:240 Resp: 365059
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.4 12.6
 236 26.8 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





#77

Benzidine

Concen: 2.433 ng

RT: 19.88 min Scan# 2858

Delta R.T. 0.36 min

Lab File: BG044525.D

Acq: 20 Feb 2020 17:57

Instrument :

BNA_G

ClientSampleId :

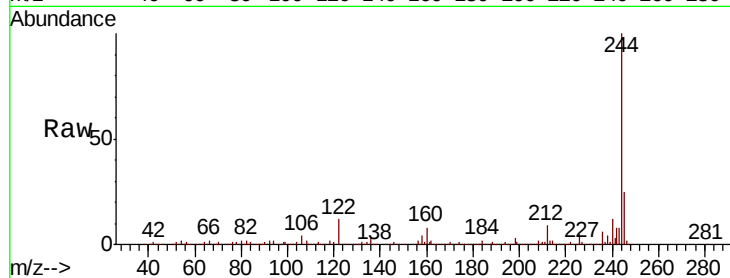
Tot Ion:184 Resp: 24636

Ion Ratio Lower Upper

184 100

185 16.1 12.9 19.3

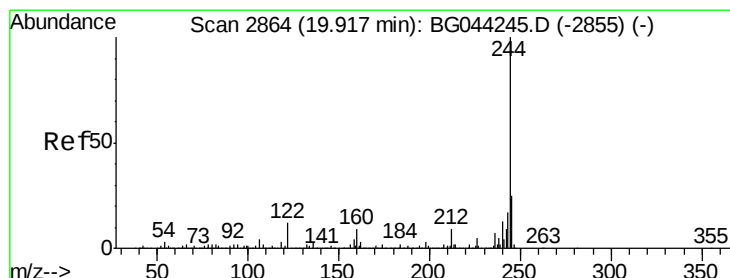
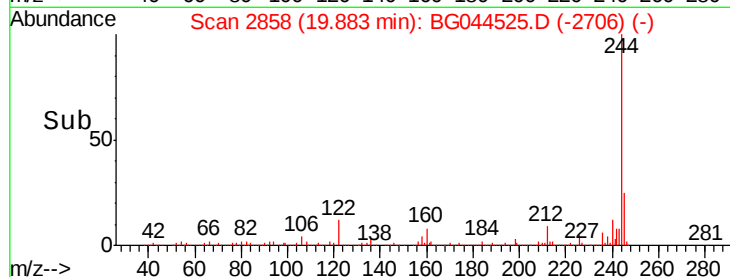
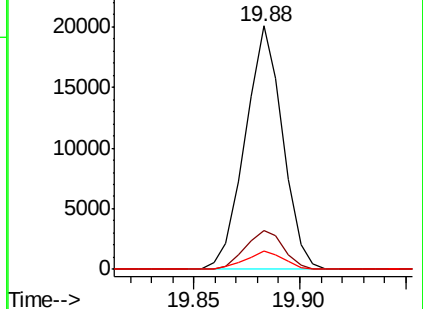
183 7.3 10.8 16.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 90.021 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG044525.D

Acq: 20 Feb 2020 17:57

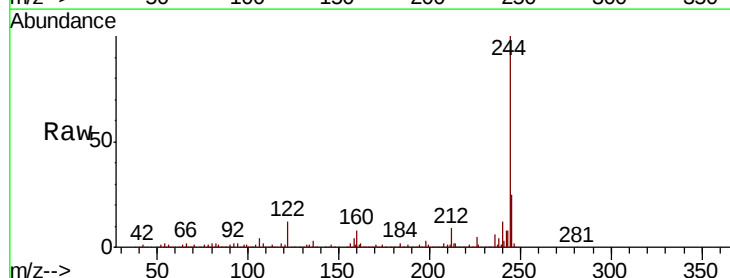
Tgt Ion:244 Resp: 1597712

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.2

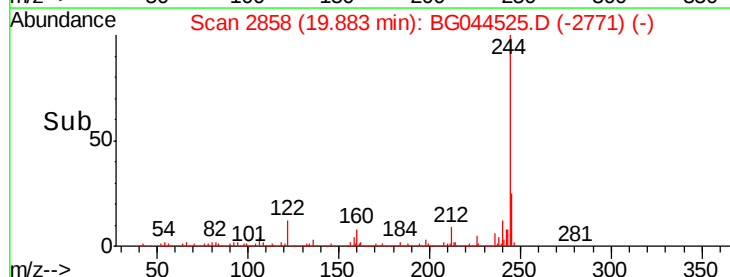
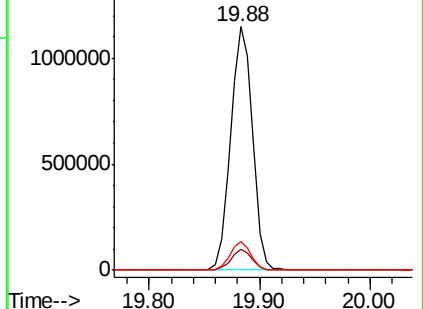
122 11.6 9.8 14.6

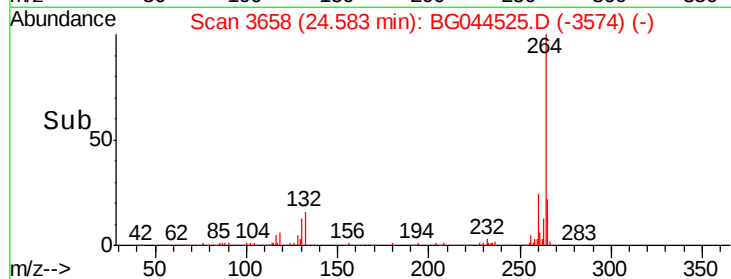
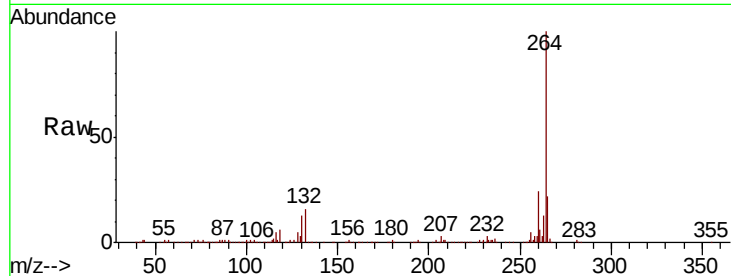
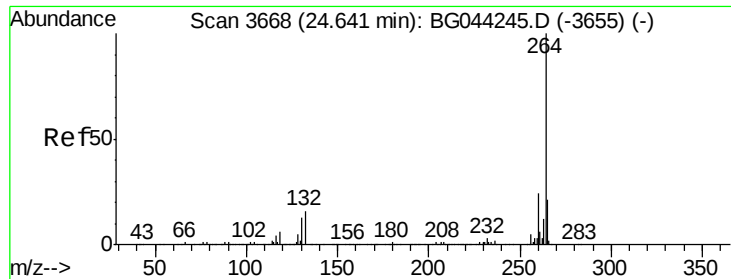


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.58 min Scan# 3658
 Delta R.T. -0.04 min
 Lab File: BG044525.D
 Acq: 20 Feb 2020 17:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.0	16.7	25.1

