

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
 Data File : BG044225.D
 Acq On : 27 Jan 2020 21:26
 Operator : CG/JU
 Sample : L1269-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMP

Quant Time: Jan 28 00:41:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

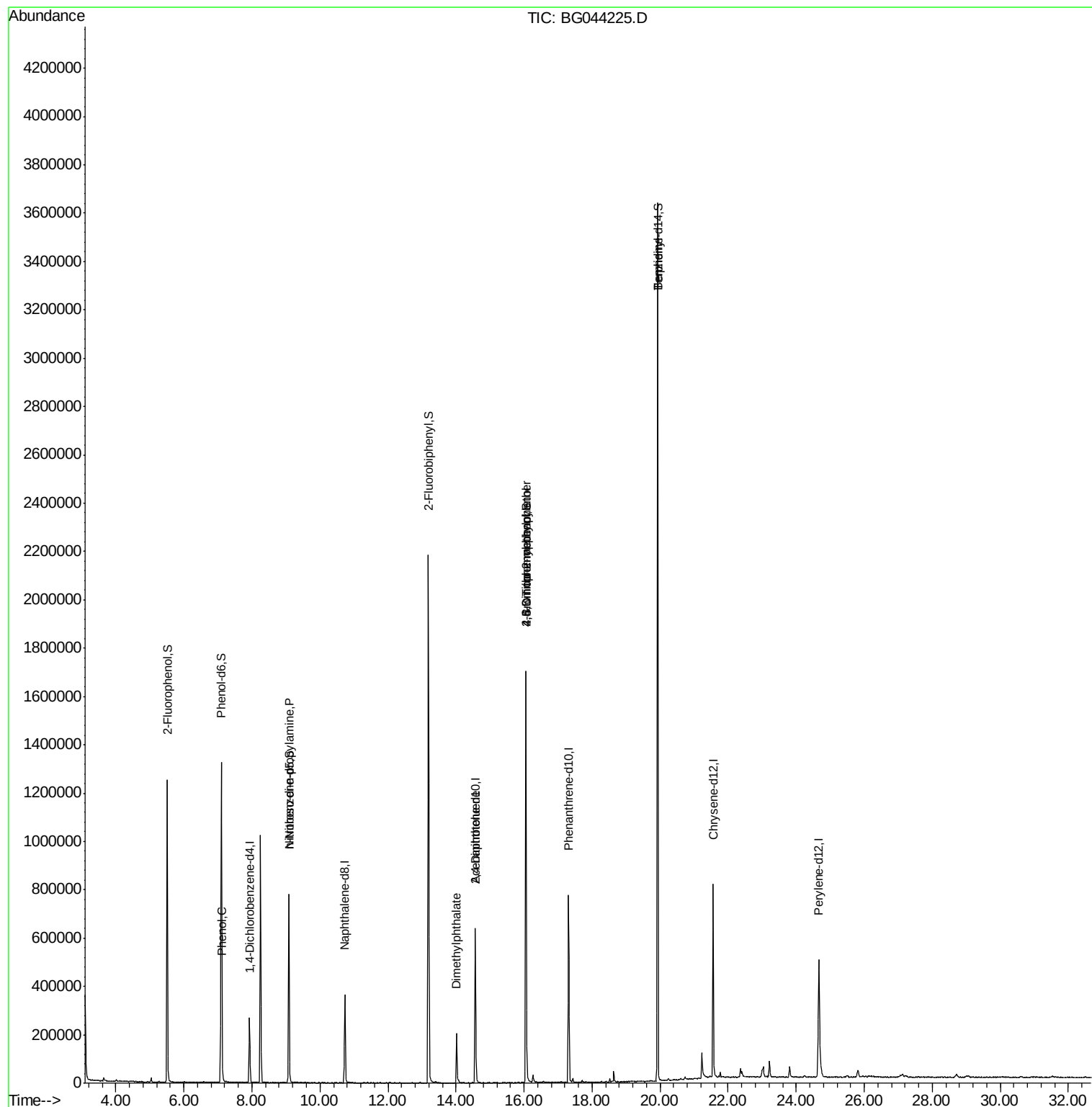
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	78811	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	352494	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	244433	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	524648	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	459831	20.00	ng	-0.03
87) Perylene-d12	24.67	264	513536	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	625861	145.81	ng	-0.03
7) Phenol-d6	7.10	99	852494	142.09	ng	-0.02
23) Nitrobenzene-d5	9.09	82	520589	79.01	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	352624	137.85	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1222753	90.63	ng	-0.03
79) Terphenyl-d14	19.93	244	1753864	94.71	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	27731	4.486	ng	97
19) n-Nitroso-di-n-propylamine	9.08	70	69253	15.499	ng	# 76
50) Dimethylphthalate	14.02	163	173351	9.988	ng	97
57) 2,4-Dinitrotoluene	14.56	165	32742	6.134	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.06	198	1002	4.727	ng	# 1
67) 4-Bromophenyl-phenylether	16.06	248	24278	4.114	ng	# 1
77) Benidine	19.93	184	29672	2.567	ng	# 93

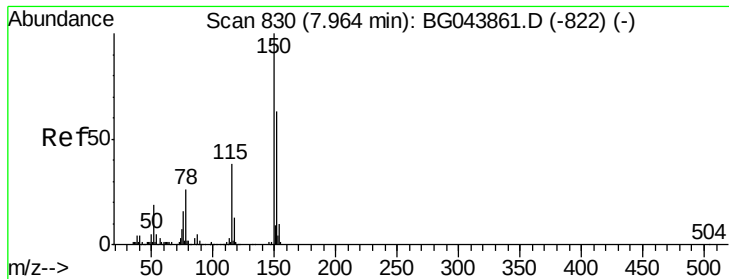
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
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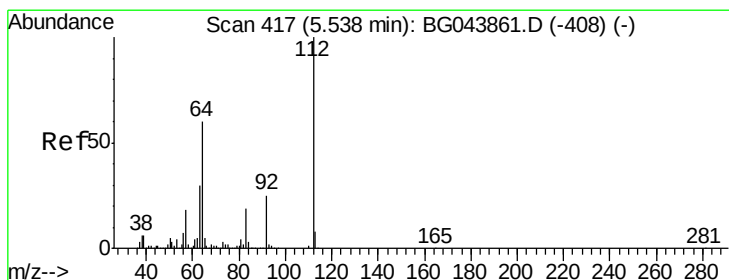
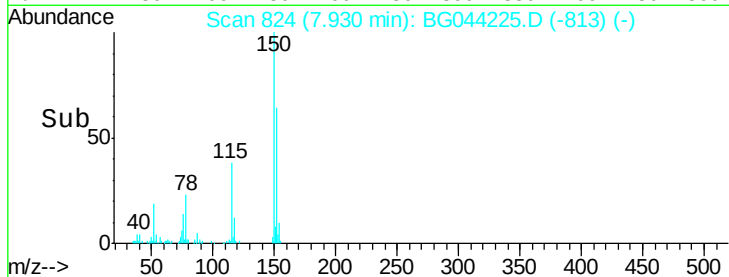
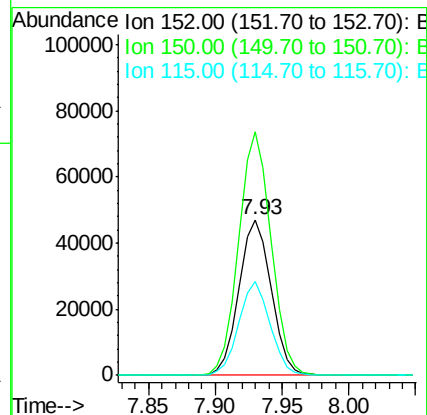
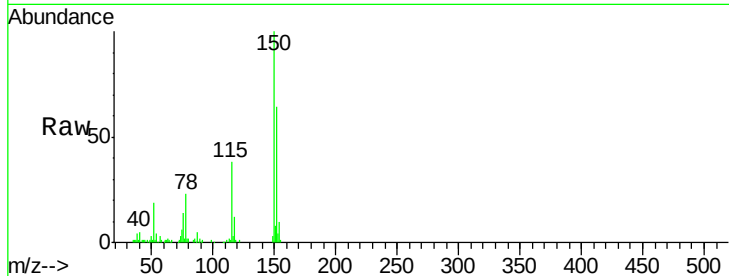


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044225.D
Acq: 27 Jan 2020 21:26

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMP

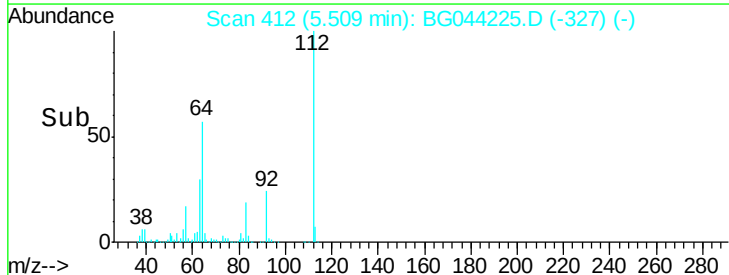
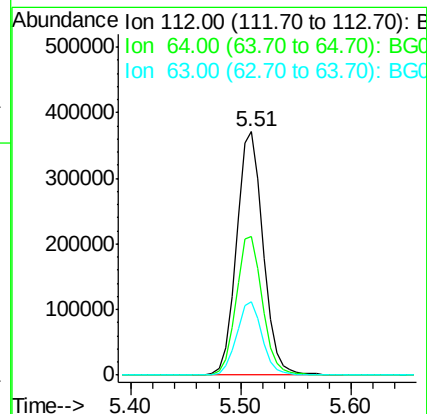
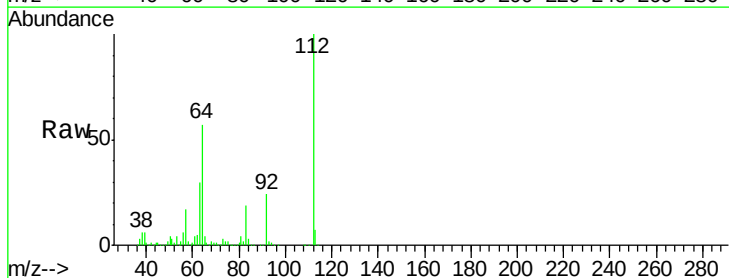
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.0	190.4
115	60.1	47.8	71.8

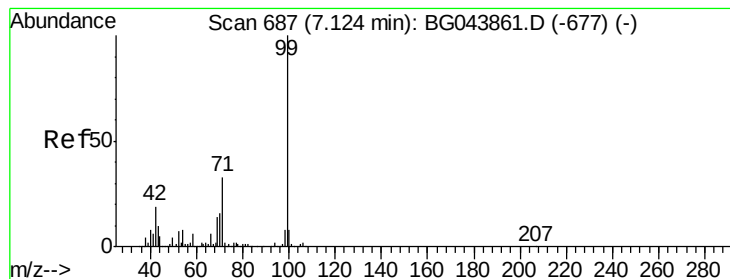


#5

2-Fluorophenol
Concen: 145.812 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044225.D
Acq: 27 Jan 2020 21:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.8	71.6
63	30.0	24.3	36.5





#7

Phenol-d6

Concen: 142.087 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044225.D

Acq: 27 Jan 2020 21:26

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMP

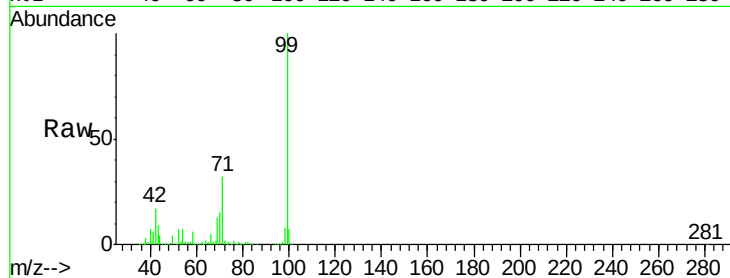
Tot Ion: 99 Resp: 852494

Ion Ratio Lower Upper

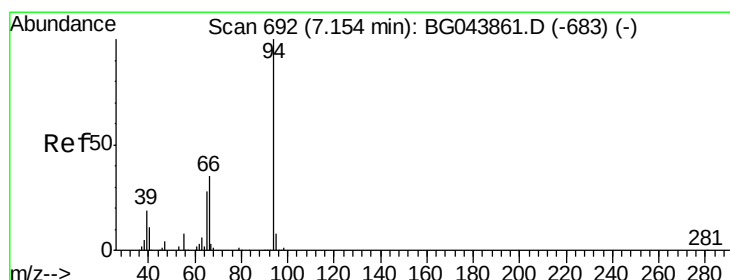
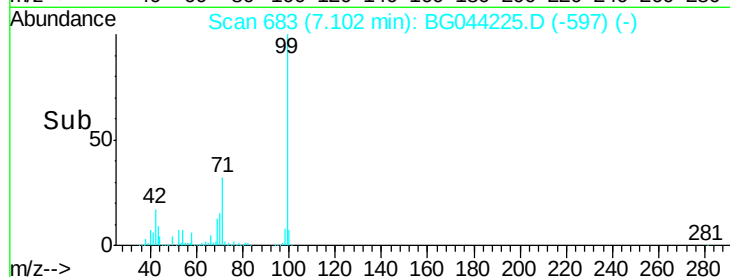
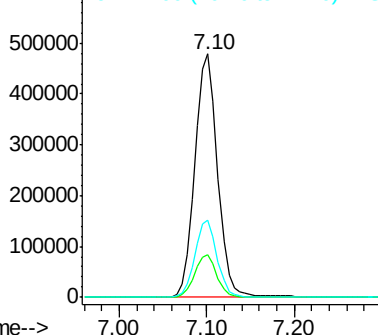
99 100

42 17.4 14.9 22.3

71 31.7 26.4 39.6



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



#10

Phenol

Concen: 4.486 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044225.D

Acq: 27 Jan 2020 21:26

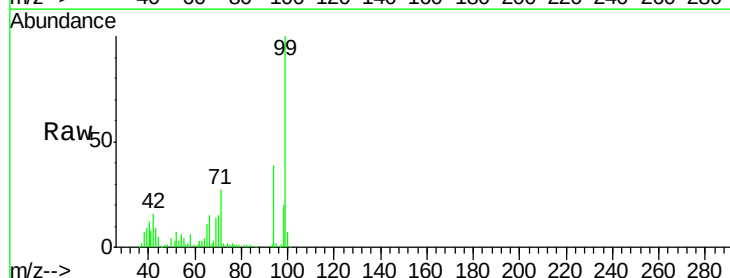
Tgt Ion: 94 Resp: 27731

Ion Ratio Lower Upper

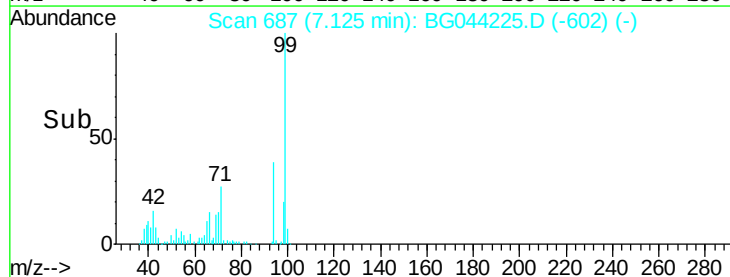
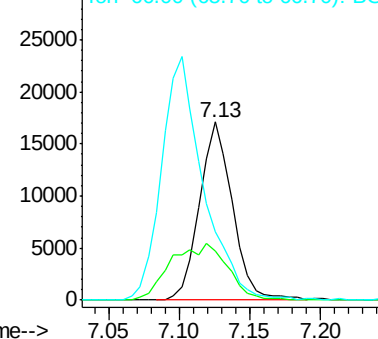
94 100

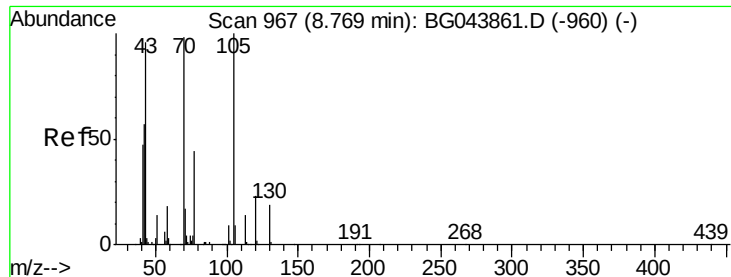
65 27.4 8.1 48.1

66 38.2 15.6 55.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

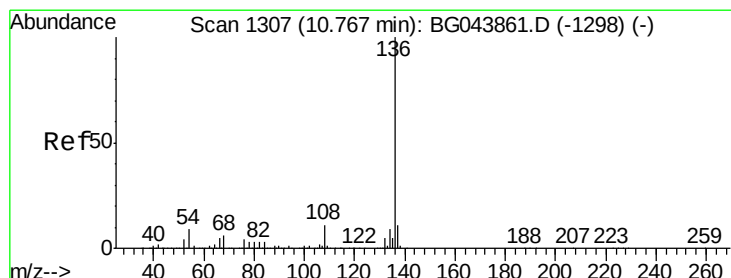
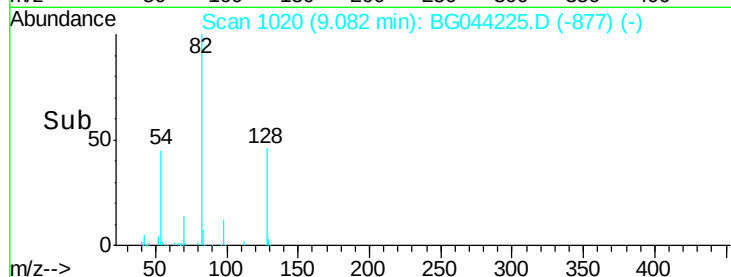
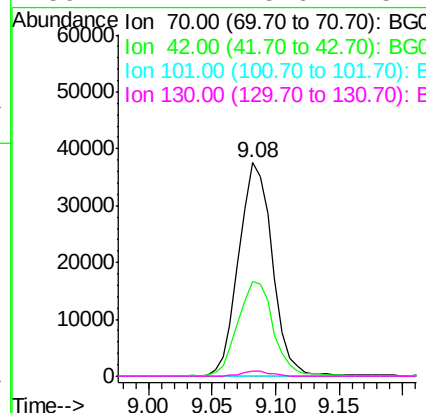
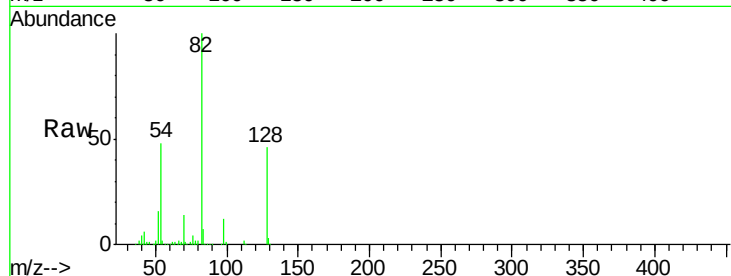




#19
n-Nitroso-di-n-propylamine
Concen: 15.499 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.31 min
Lab File: BG044225.D
Acq: 27 Jan 2020 21:26

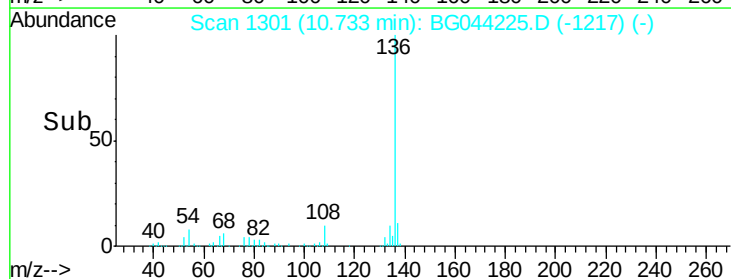
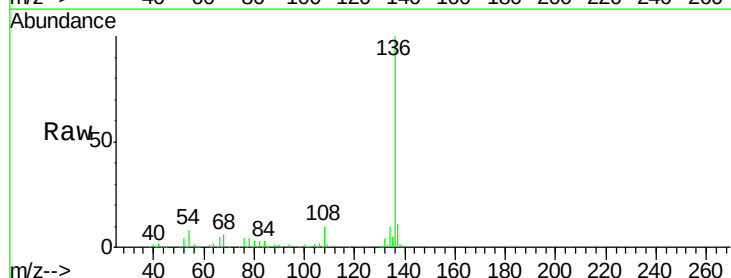
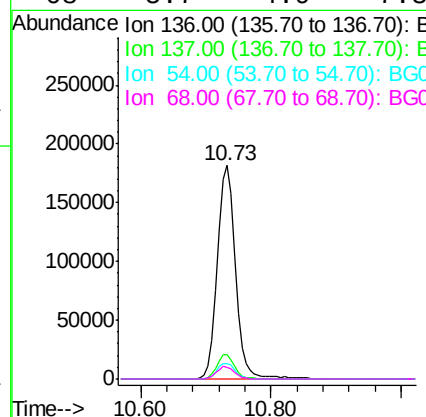
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMP

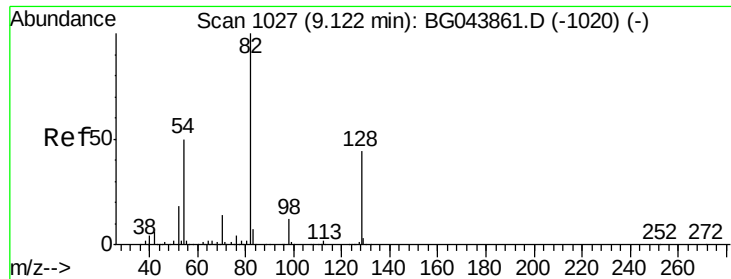
Tot Ion: 70 Resp: 69253
Ion Ratio Lower Upper
70 100
42 44.6 47.0 70.4#
101 0.0 7.2 10.8#
130 2.7 15.6 23.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044225.D
Acq: 27 Jan 2020 21:26

Tgt Ion: 136 Resp: 352494
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 7.5 7.0 10.4
68 5.7 4.9 7.3

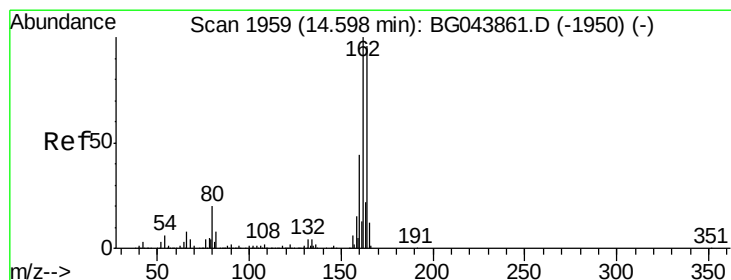
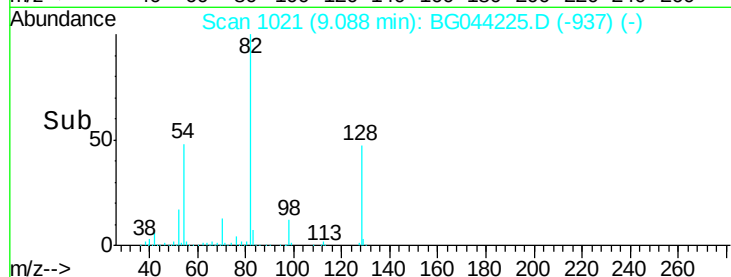
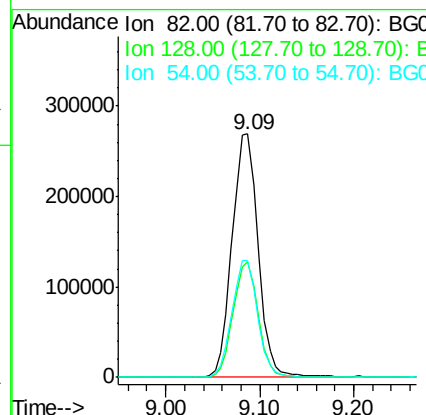
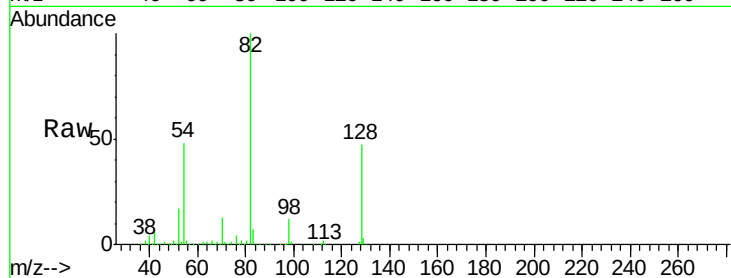




#23
Nitrobenzene-d5
Concen: 79.007 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044225.D
Acq: 27 Jan 2020 21:26

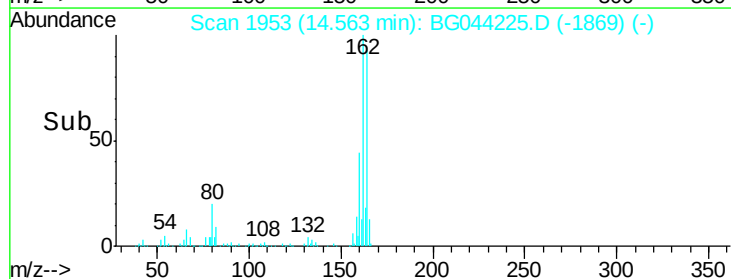
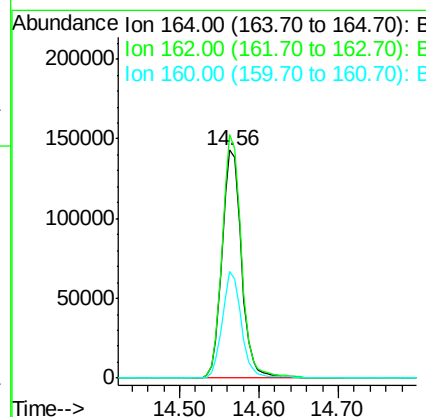
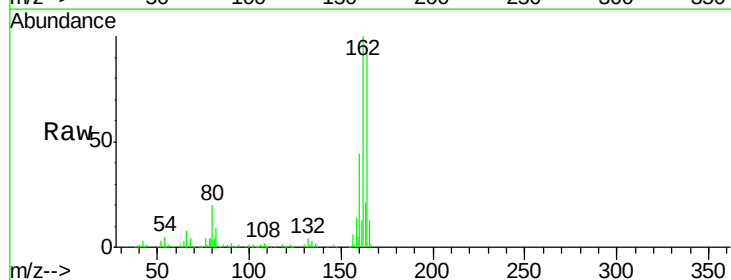
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMP

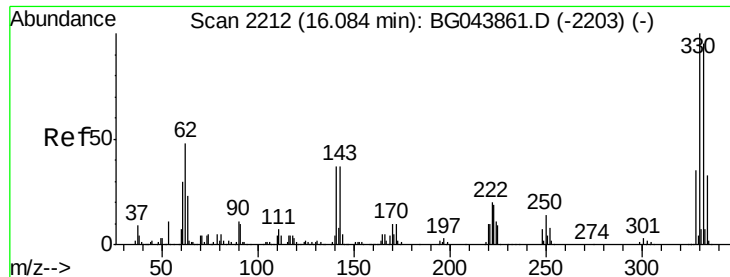
Tot Ion	82	Resp	520589
Ion Ratio	Lower	Upper	
82	100		
128	47.4	35.1	52.7
54	48.1	40.1	60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BG044225.D
Acq: 27 Jan 2020 21:26

Tgt Ion	164	Resp	244433
Ion Ratio	Lower	Upper	
164	100		
162	106.8	83.0	124.4
160	46.6	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 137.855 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044225.D

Acq: 27 Jan 2020 21:26

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMP

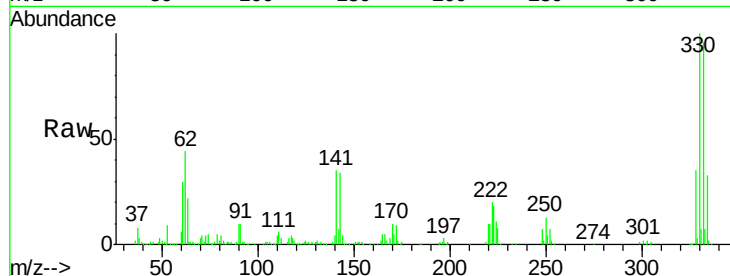
Tot Ion:330 Resp: 352624

Ion Ratio Lower Upper

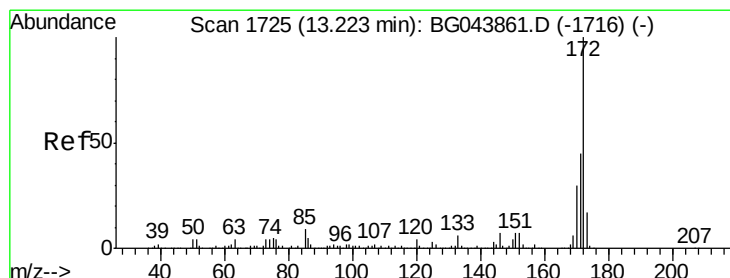
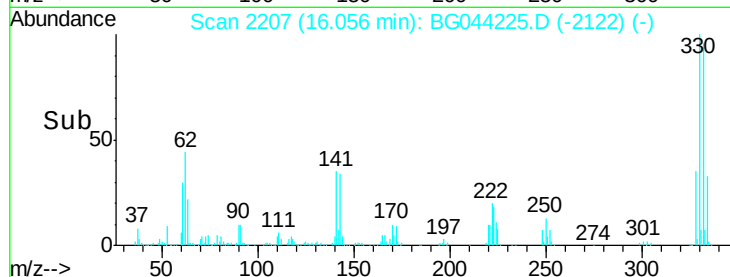
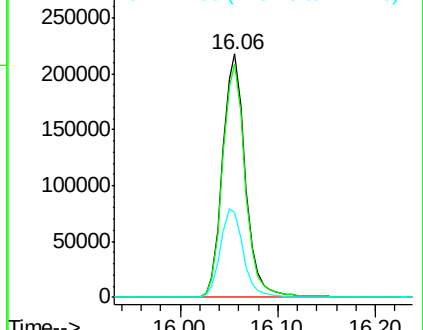
330 100

332 96.0 77.2 115.8

141 36.9 33.1 49.7



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: 90.632 ng

RT: 13.19 min Scan# 1719

Delta R.T. -0.03 min

Lab File: BG044225.D

Acq: 27 Jan 2020 21:26

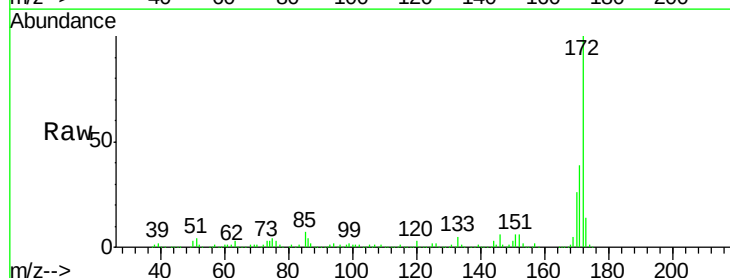
Tgt Ion:172 Resp: 1222753

Ion Ratio Lower Upper

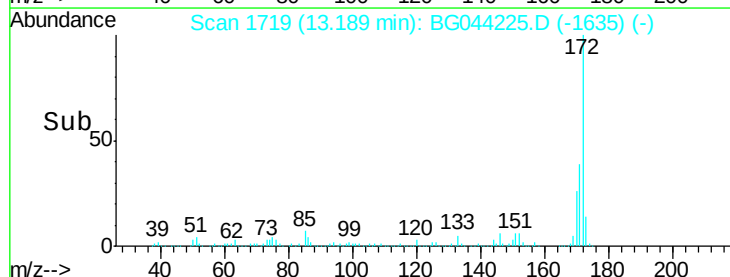
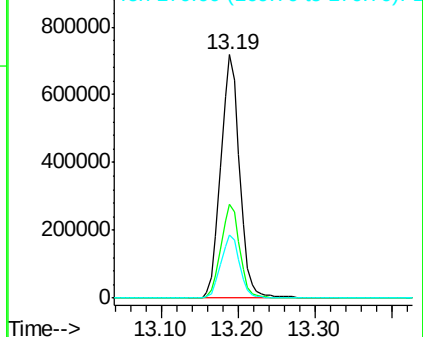
172 100

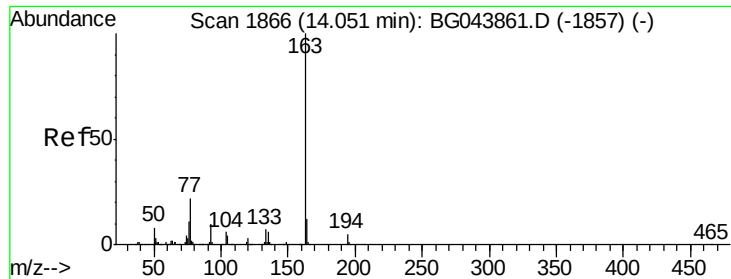
171 38.6 35.8 53.8

170 26.0 24.2 36.4



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: 9.988 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.03 min

Lab File: BG044225.D

Acq: 27 Jan 2020 21:26

Instrument :

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ClientSampleId :

TP-22-21-COMP

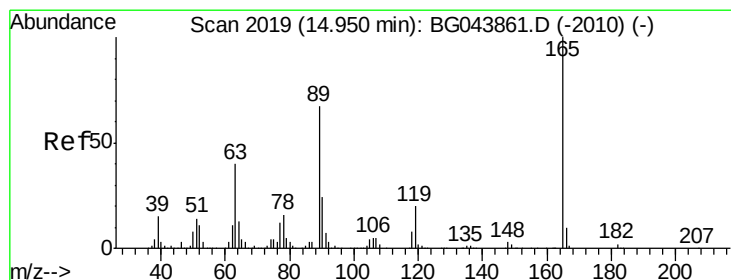
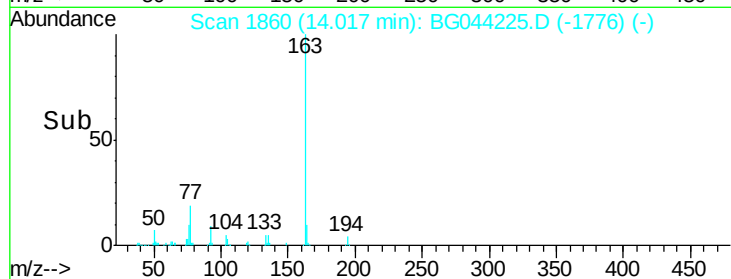
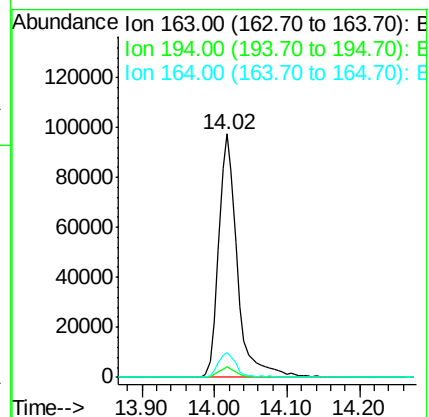
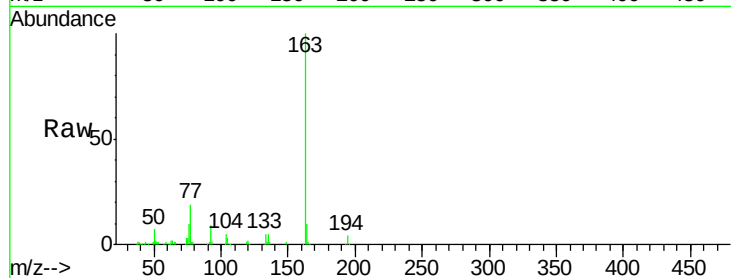
Tot Ion:163 Resp: 173351

Ion Ratio Lower Upper

163 100

194 4.1 3.7 5.5

164 10.1 9.3 13.9



#57

2,4-Dinitrotoluene

Concen: 6.134 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.39 min

Lab File: BG044225.D

Acq: 27 Jan 2020 21:26

Tgt Ion:165 Resp: 32742

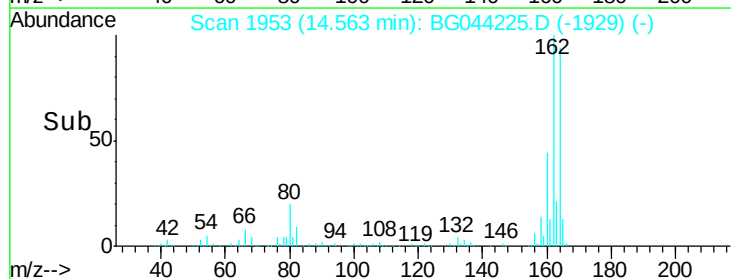
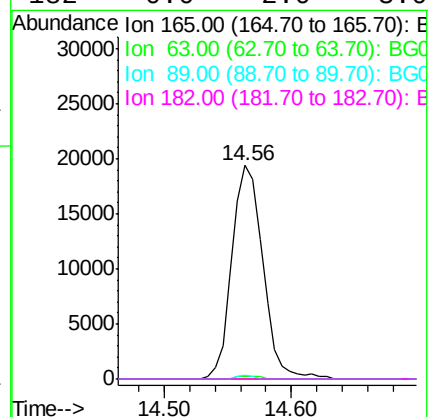
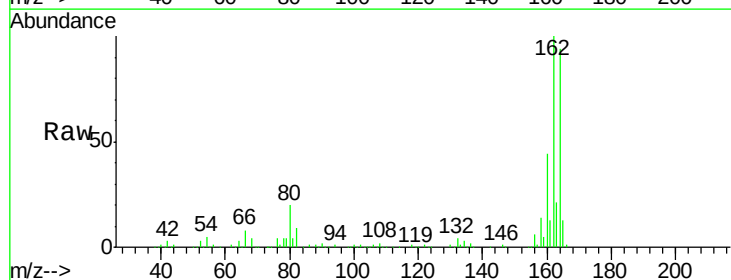
Ion Ratio Lower Upper

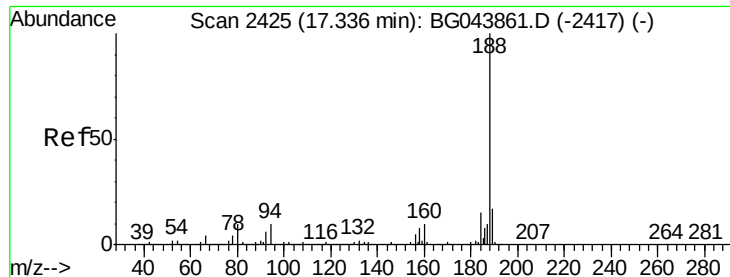
165 100

63 1.3 31.9 47.9#

89 1.9 53.8 80.6#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044225.D

Acq: 27 Jan 2020 21:26

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMP

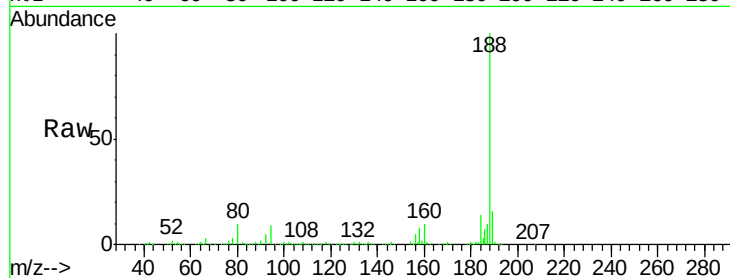
Tot Ion:188 Resp: 524648

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 10.0 8.2 12.4



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

17.31

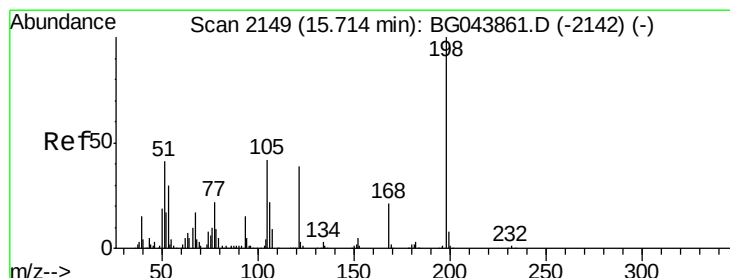
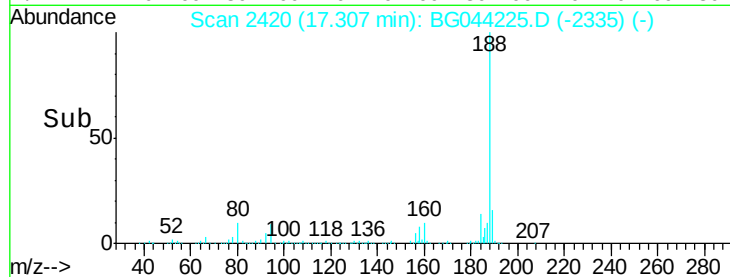
300000

200000

100000

0

Time--> 17.20 17.30 17.40



#65

4,6-Dinitro-2-methylphenol

Concen: 4.727 ng

RT: 16.06 min Scan# 2207

Delta R.T. 0.34 min

Lab File: BG044225.D

Acq: 27 Jan 2020 21:26

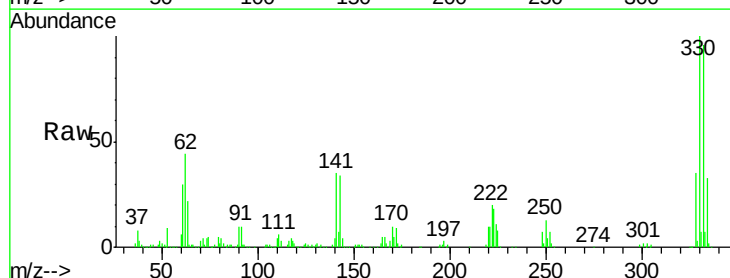
Tgt Ion:198 Resp: 1002

Ion Ratio Lower Upper

198 100

51 165.8 22.5 62.5#

105 155.4 22.3 62.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

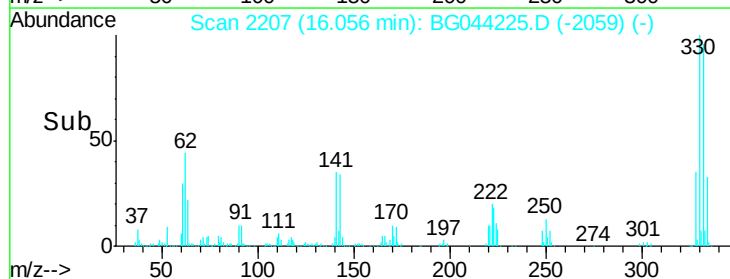
1500

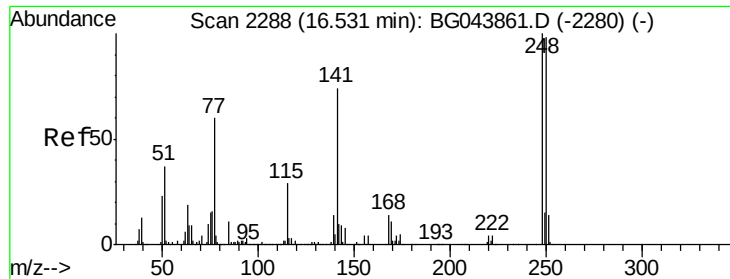
1000

500

0

Time--> 16.05

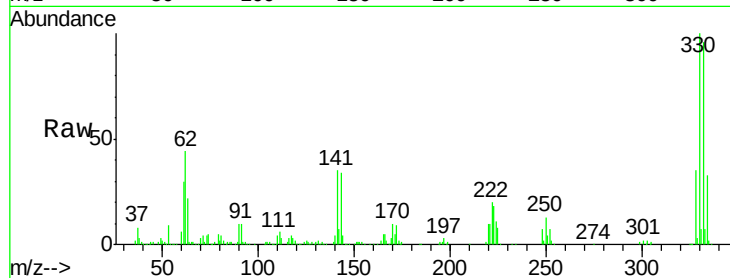




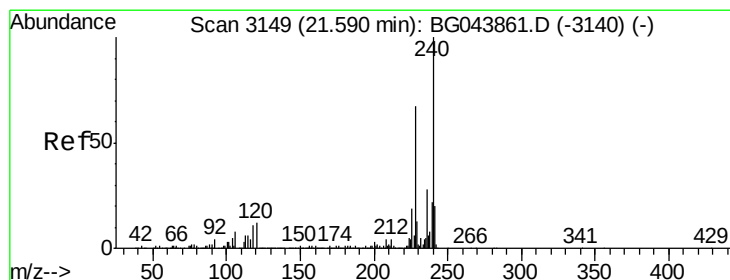
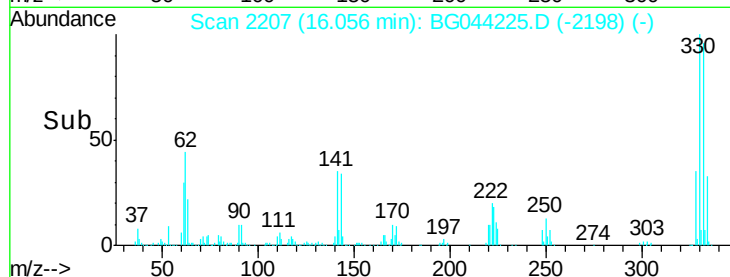
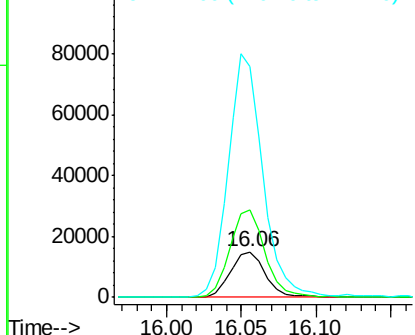
#67
 4-Bromophenyl-phenylether
 Concen: 4.114 ng
 RT: 16.06 min Scan# 2207
 Delta R.T. -0.48 min
 Lab File: BG044225.D
 Acq: 27 Jan 2020 21:26

Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMP

Tot Ion:248 Resp: 24278
 Ion Ratio Lower Upper
 248 100
 250 192.9 78.2 117.2#
 141 508.7 59.3 88.9#

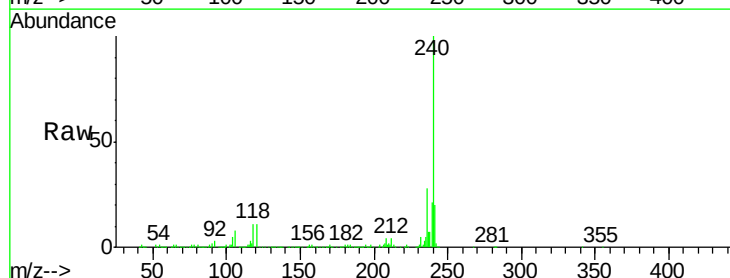


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

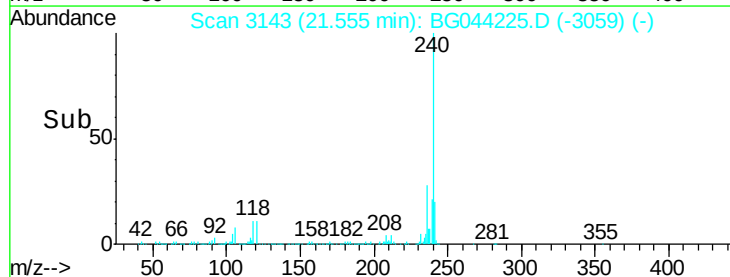
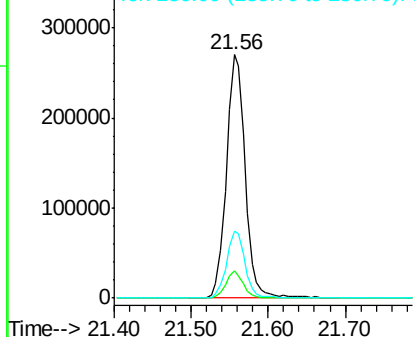


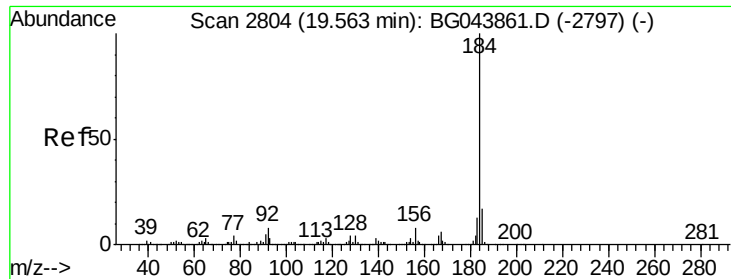
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.56 min Scan# 3143
 Delta R.T. -0.03 min
 Lab File: BG044225.D
 Acq: 27 Jan 2020 21:26

Tgt Ion:240 Resp: 459831
 Ion Ratio Lower Upper
 240 100
 120 11.2 9.6 14.4
 236 27.7 22.2 33.2



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: 2.567 ng

RT: 19.93 min Scan# 2866

Delta R.T. 0.37 min

Lab File: BG044225.D

Acq: 27 Jan 2020 21:26

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMP

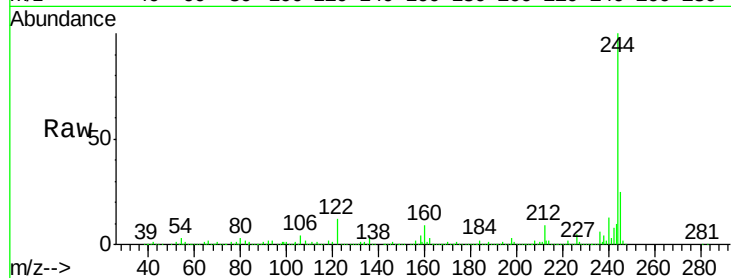
Tot Ion:184 Resp: 29672

Ion Ratio Lower Upper

184 100

185 16.8 13.4 20.0

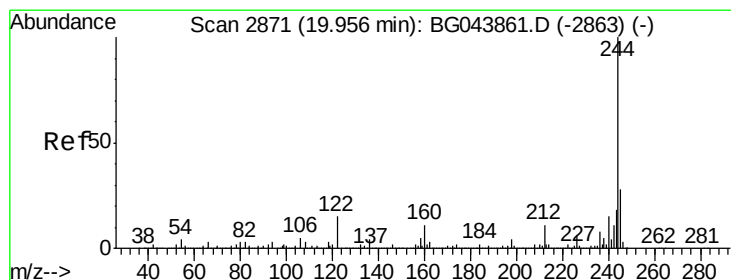
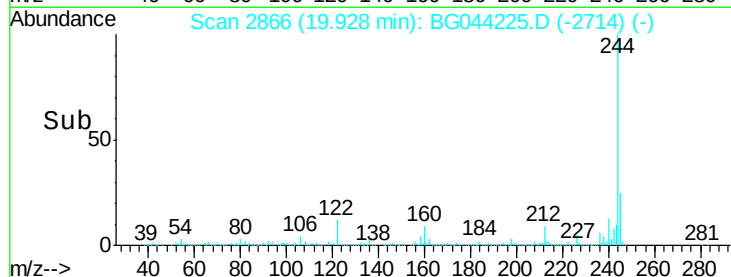
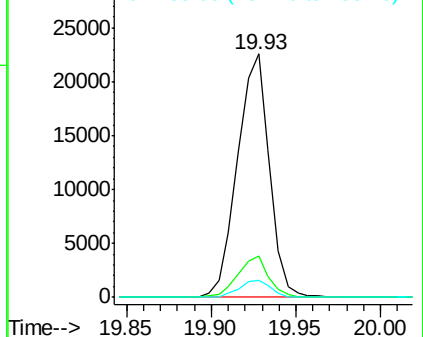
183 6.8 10.6 15.8#



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: 94.715 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044225.D

Acq: 27 Jan 2020 21:26

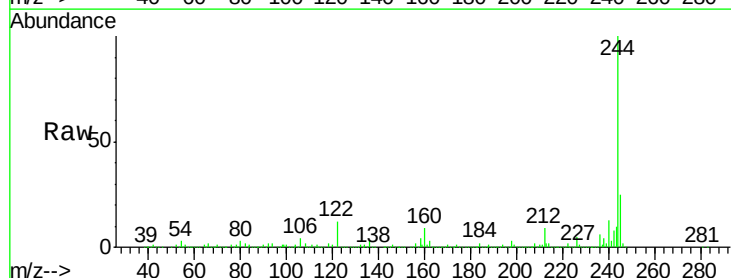
Tgt Ion:244 Resp: 1753864

Ion Ratio Lower Upper

244 100

212 9.2 8.6 13.0

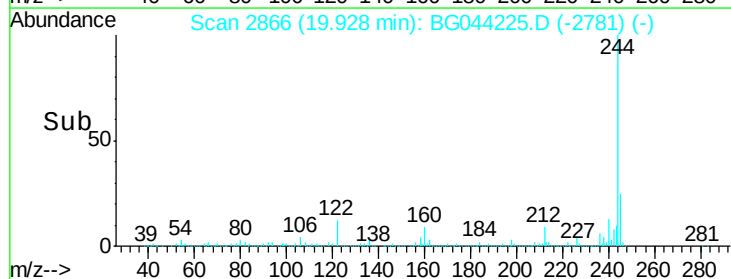
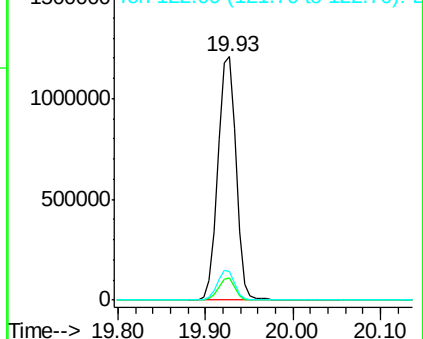
122 11.7 11.9 17.9#

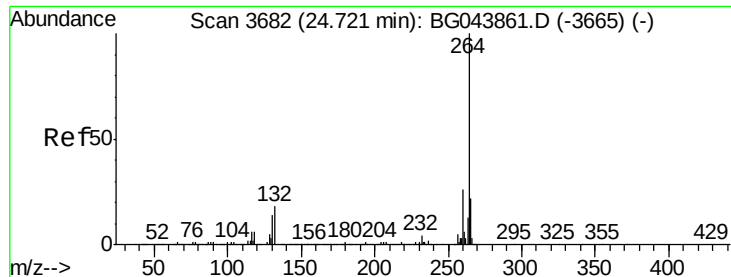


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.67 min Scan# 3673
Delta R.T. -0.05 min
Lab File: BG044225.D
Acq: 27 Jan 2020 21:26

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.4	30.6
265	21.1	17.4	26.2

