

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
 Data File : BG046546.D
 Acq On : 4 Sep 2020 18:39
 Operator : CG/JU
 Sample : L3888-06RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 9-2-TP-2

Quant Time: Sep 05 01:02:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

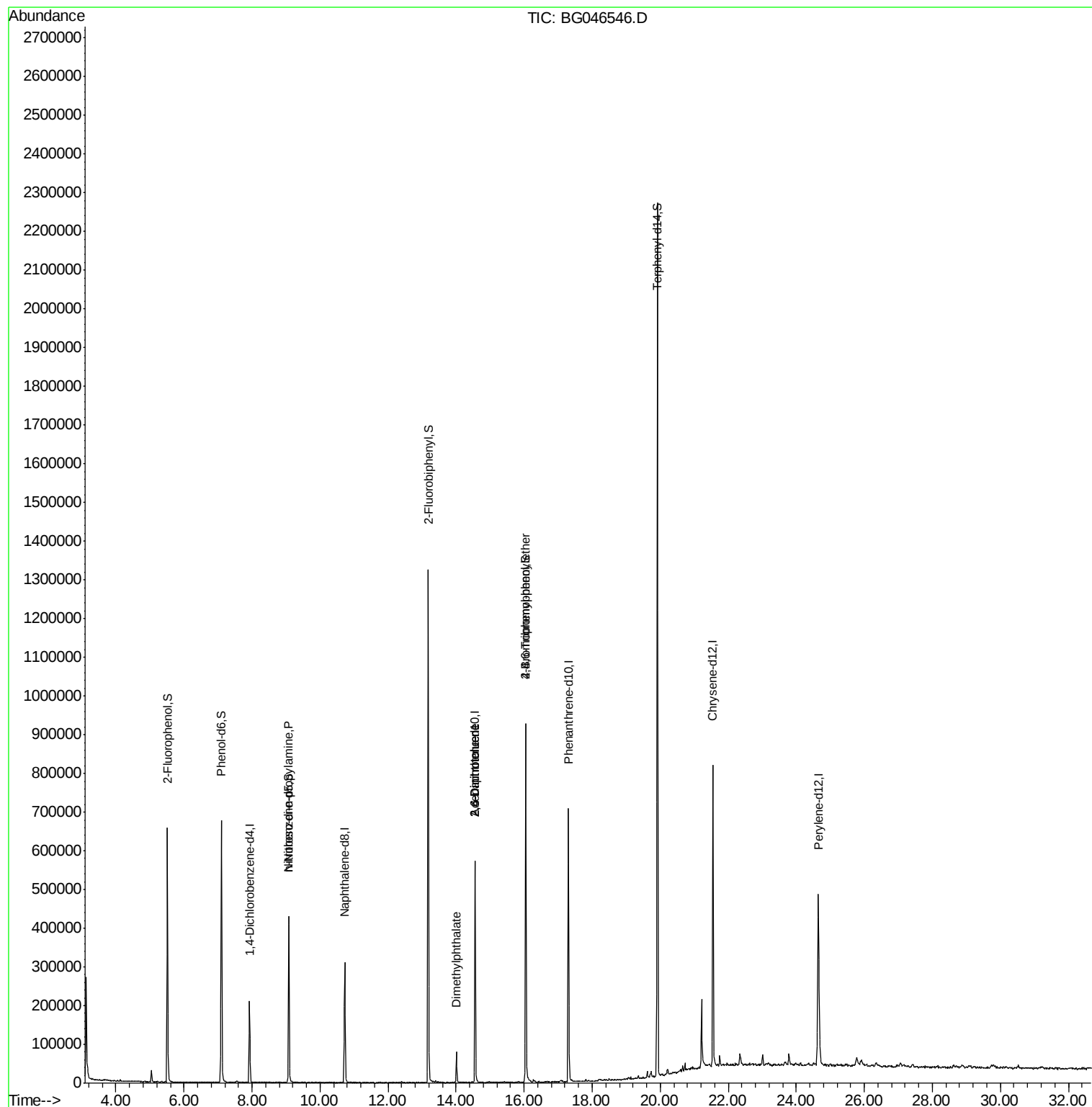
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	65330	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	286236	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	208259	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	477115	20.00	ng	0.00
76) Chrysene-d12	21.55	240	480805	20.00	ng	0.00
86) Perylene-d12	24.65	264	476599	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	308503	83.64	ng	0.00
7) Phenol-d6	7.10	99	432898	82.79	ng	0.00
23) Nitrobenzene-d5	9.08	82	279263	55.76	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	204481	72.47	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	747670	54.81	ng	0.00
79) Terphenyl-d14	19.91	244	1065738	47.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	35399	11.318	ng	Qvalue # 76
50) Dimethylphthalate	14.01	163	65238	4.049	ng	99
51) 2,6-Dinitrotoluene	14.56	165	28215	7.944	ng	# 33
57) 2,4-Dinitrotoluene	14.56	165	28215	5.571	ng	# 33
67) 4-Bromophenyl-phenylether	16.05	248	15406	2.768	ng	# 1

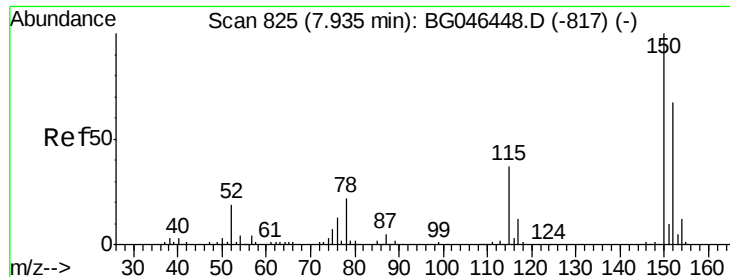
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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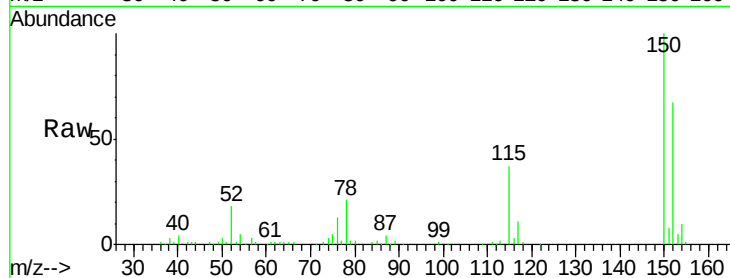


#1

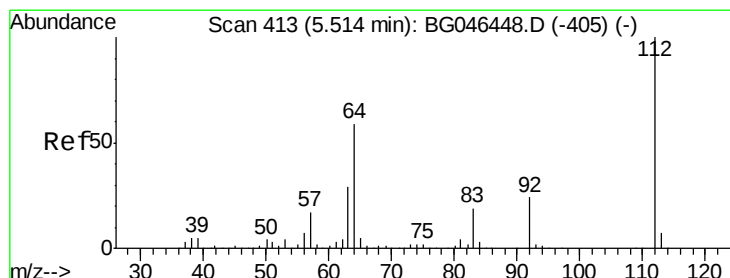
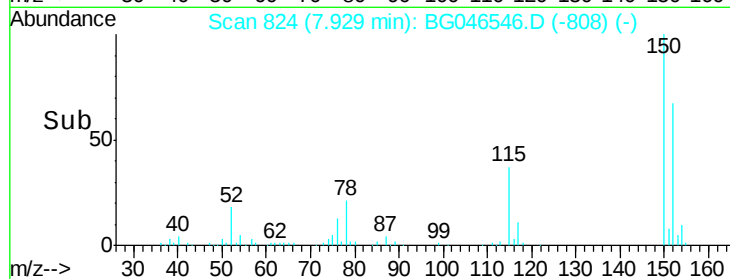
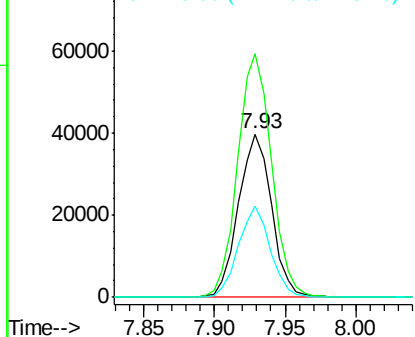
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046546.D
Acq: 4 Sep 2020 18:39

Instrument :
BNA_G
ClientSampleId :
9-2-TP-2

Tot Ion:152 Resp: 65330
Ion Ratio Lower Upper
152 100
150 149.2 119.5 179.3
115 55.6 44.3 66.5



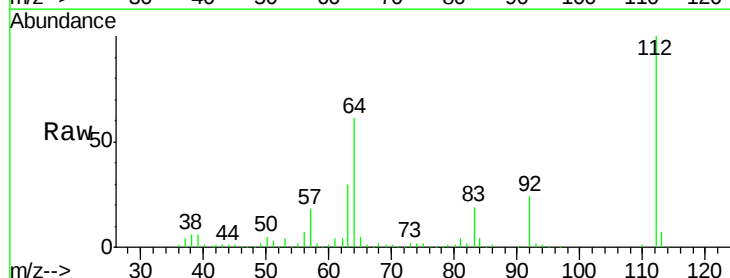
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



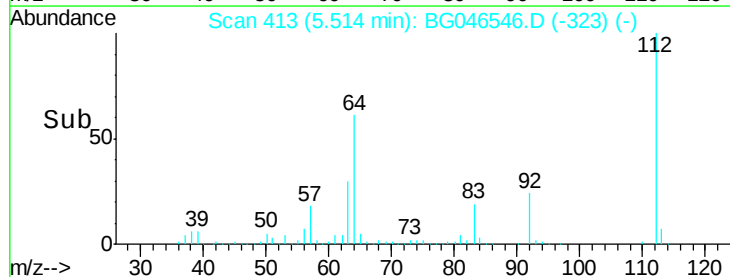
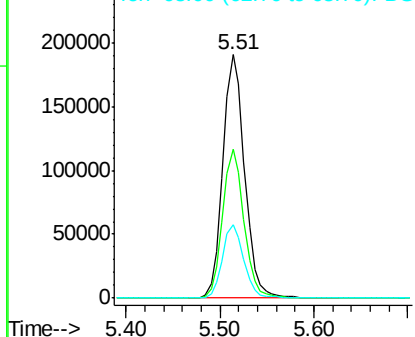
#5

2-Fluorophenol
Concen: 83.639 ng
RT: 5.51 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG046546.D
Acq: 4 Sep 2020 18:39

Tgt Ion:112 Resp: 308503
Ion Ratio Lower Upper
112 100
64 61.0 47.0 70.6
63 30.3 23.5 35.3



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





#7

Phenol-d6

Concen: 82.791 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046546.D

Acq: 4 Sep 2020 18:39

Instrument :

BNA_G

ClientSampleId :

9-2-TP-2

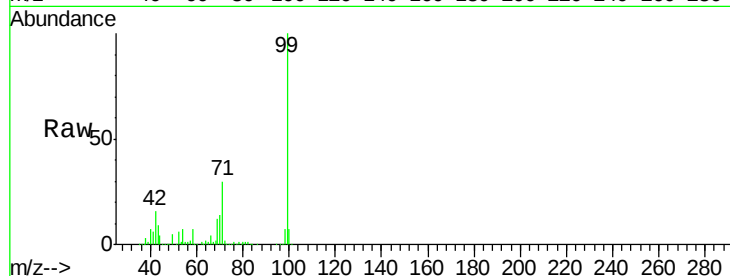
Tot Ion: 99 Resp: 432898

Ion Ratio Lower Upper

99 100

42 16.0 13.3 19.9

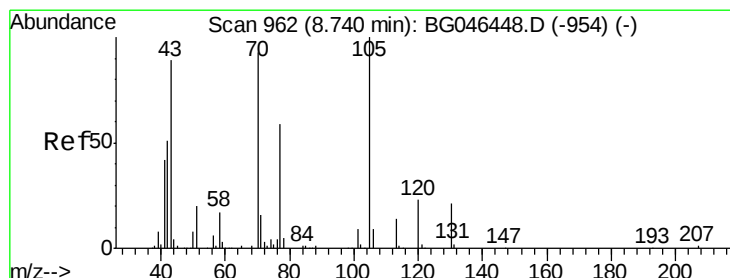
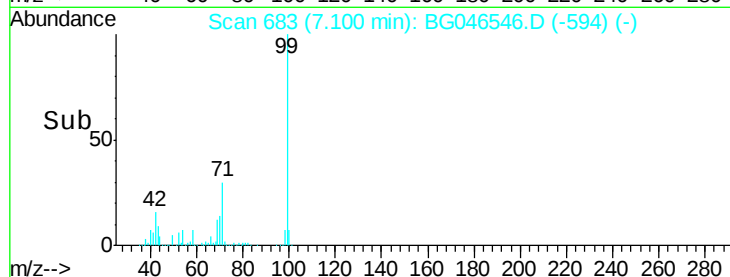
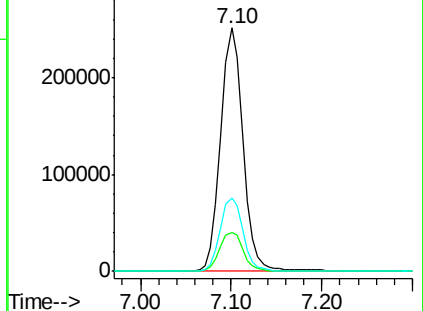
71 30.0 25.3 37.9



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: 11.318 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046546.D

Acq: 4 Sep 2020 18:39

Tgt Ion: 70 Resp: 35399

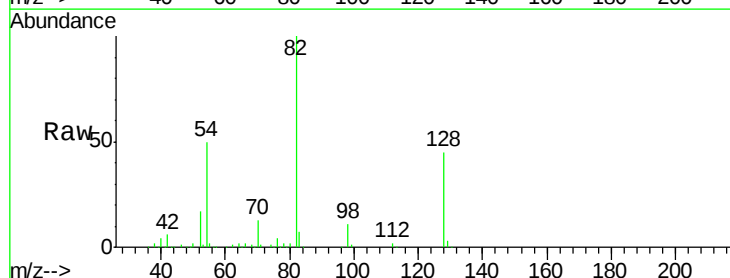
Ion Ratio Lower Upper

70 100

42 43.4 44.2 66.2#

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#

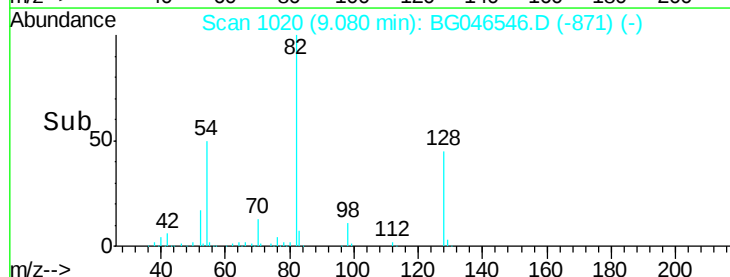
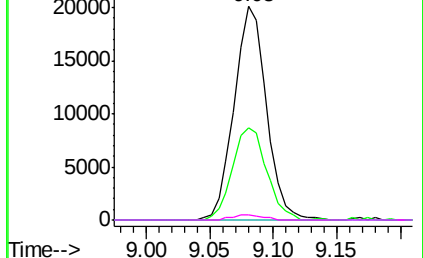


Abundance Ion 70.00 (69.70 to 70.70): BGC

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

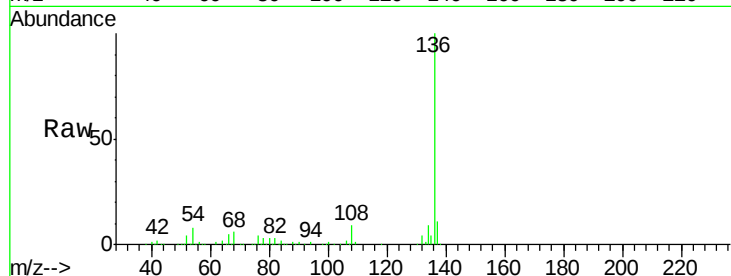




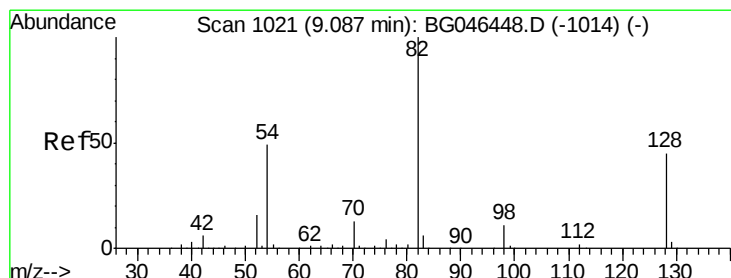
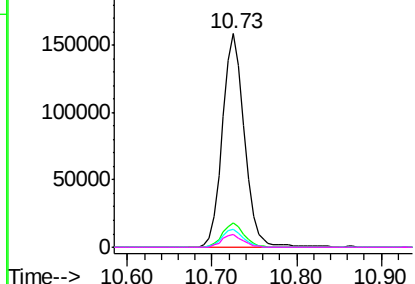
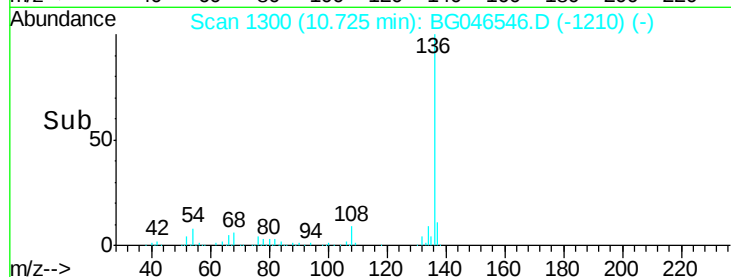
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG046546.D
Acq: 4 Sep 2020 18:39

Instrument :
BNA_G
ClientSampleId :
9-2-TP-2

Tot Ion:136	Resp:	286236
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.8	13.2
54 8.3	6.1	9.1
68 6.2	4.8	7.2

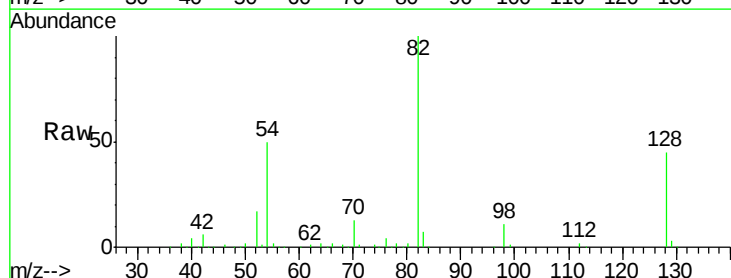


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

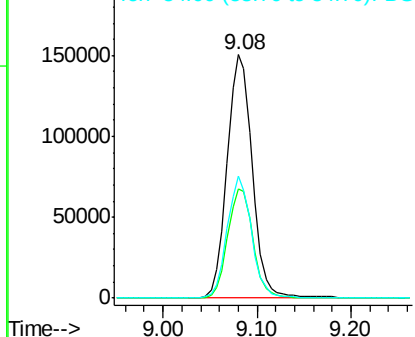
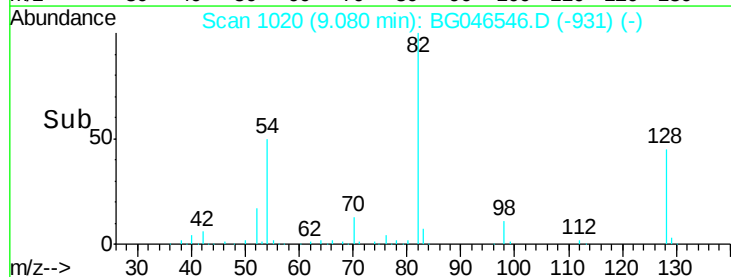


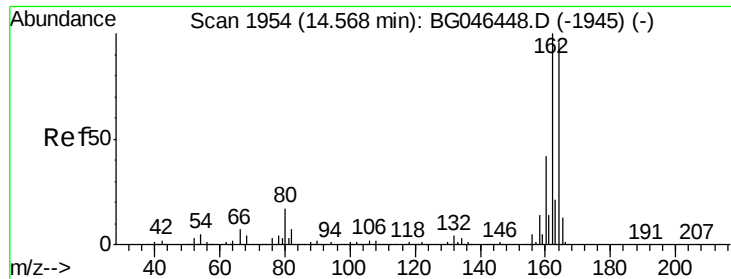
#23
Nitrobenzene-d5
Concen: 55.763 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG046546.D
Acq: 4 Sep 2020 18:39

Tgt	Ion: 82	Resp:	279263
Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.7	53.5
54	50.0	39.4	59.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG046546.D

Acq: 4 Sep 2020 18:39

Instrument :

BNA_G

ClientSampleId :

9-2-TP-2

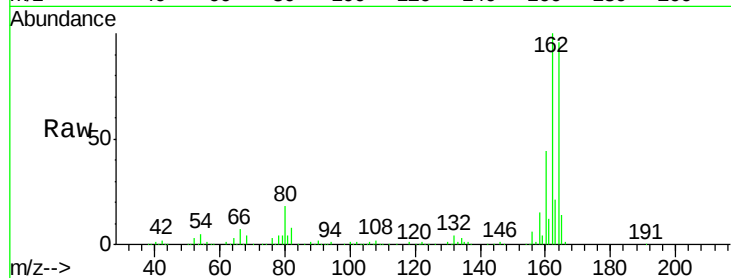
Tot Ion:164 Resp: 208259

Ion Ratio Lower Upper

164 100

162 103.9 83.3 124.9

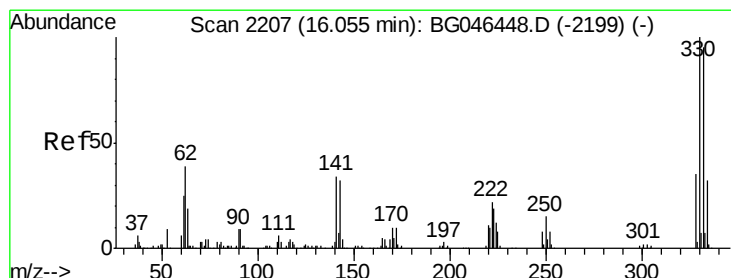
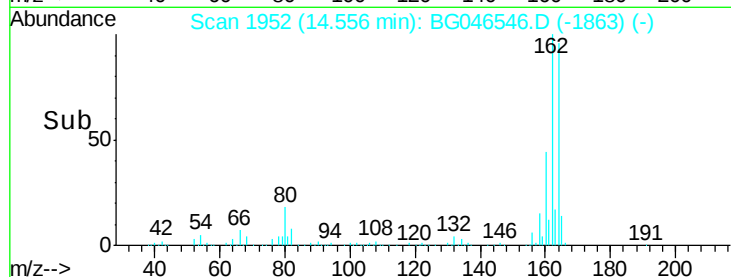
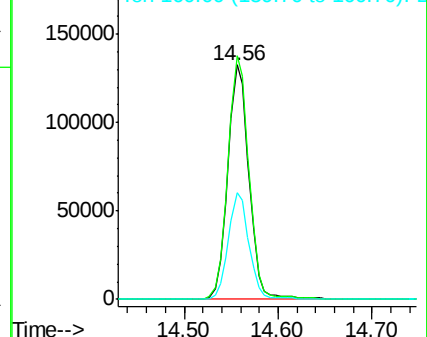
160 45.5 35.0 52.6



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: 72.466 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046546.D

Acq: 4 Sep 2020 18:39

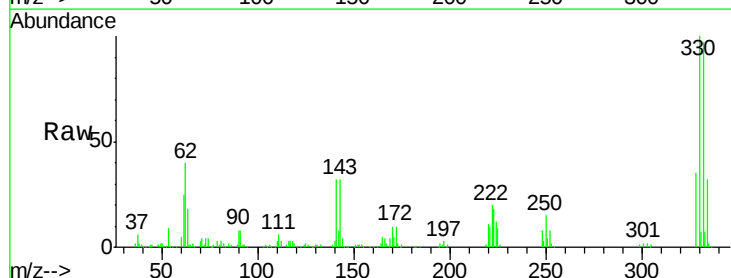
Tgt Ion:330 Resp: 204481

Ion Ratio Lower Upper

330 100

332 97.3 76.1 114.1

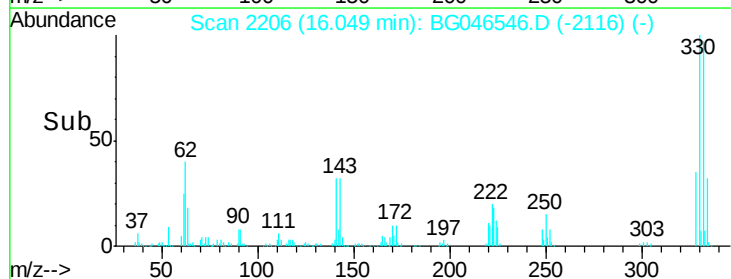
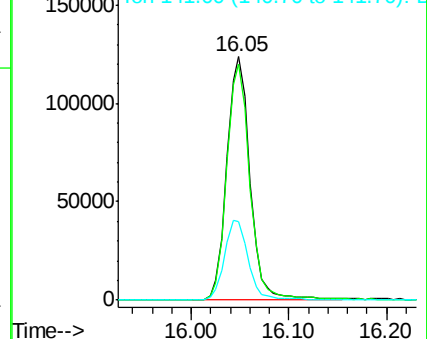
141 33.7 26.1 39.1

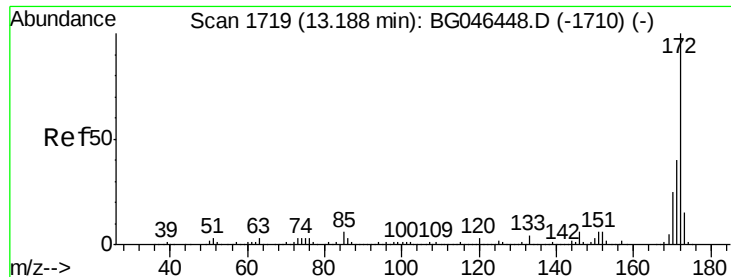


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

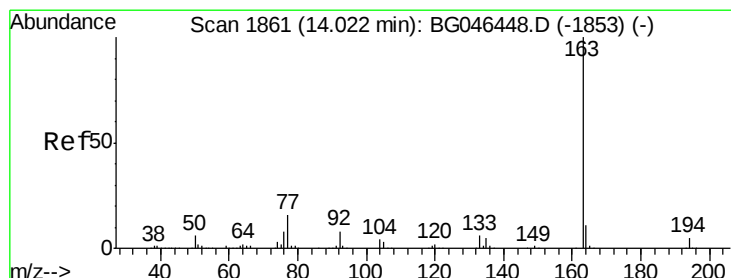
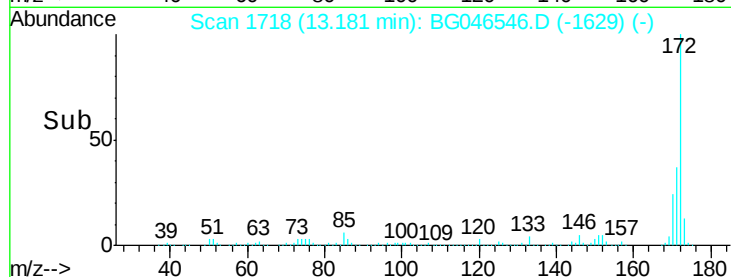
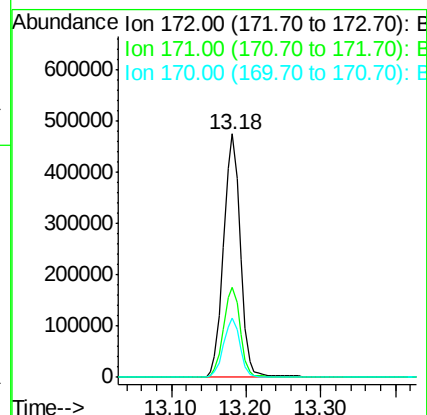
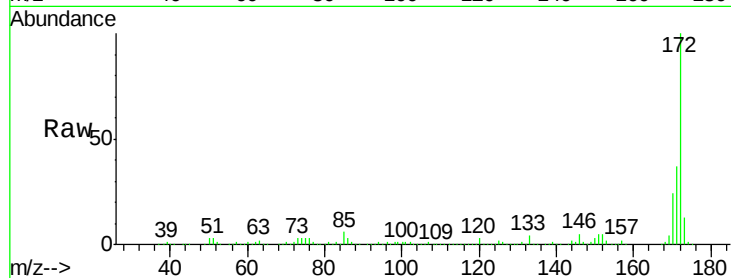




#45
2-Fluorobiphenyl
Concen: 54.805 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG046546.D
Acq: 4 Sep 2020 18:39

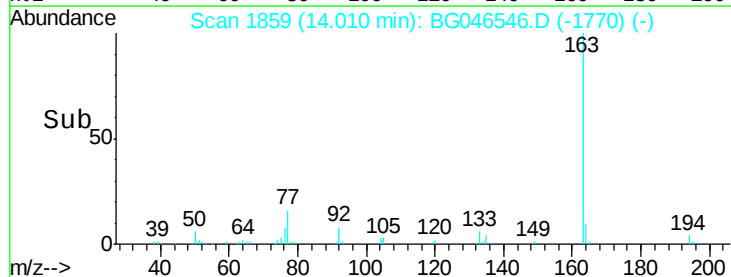
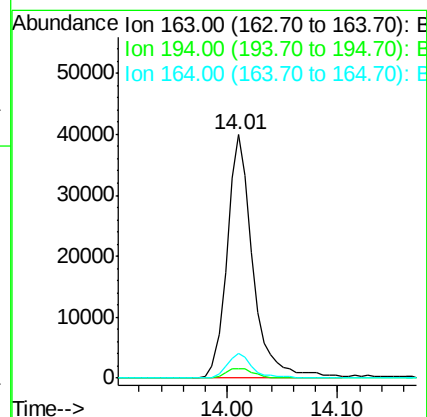
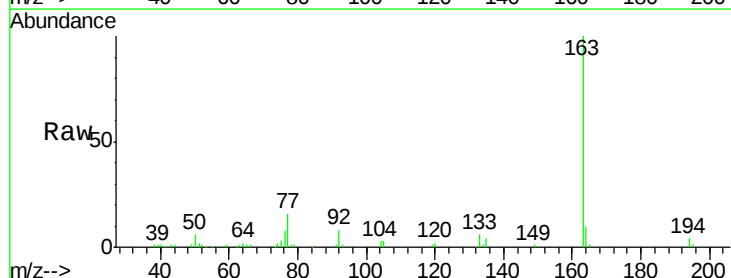
Instrument :
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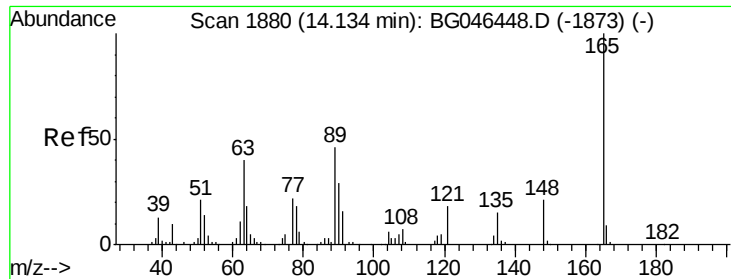
Tot Ion:172 Resp: 747670
Ion Ratio Lower Upper
172 100
171 37.2 31.8 47.6
170 24.1 20.3 30.5



#50
Dimethylphthalate
Concen: 4.049 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG046546.D
Acq: 4 Sep 2020 18:39

Tgt Ion:163 Resp: 65238
Ion Ratio Lower Upper
163 100
194 3.9 3.7 5.5
164 10.4 8.6 12.8

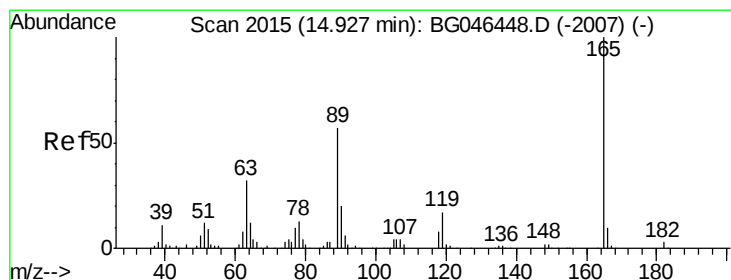
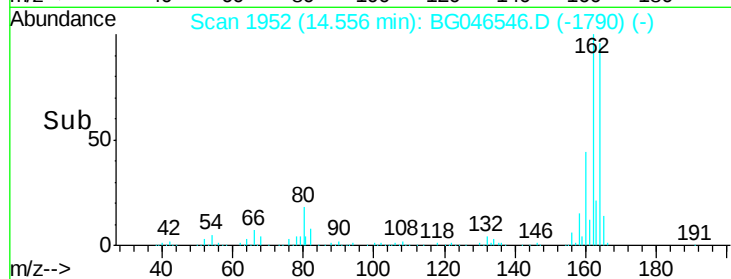
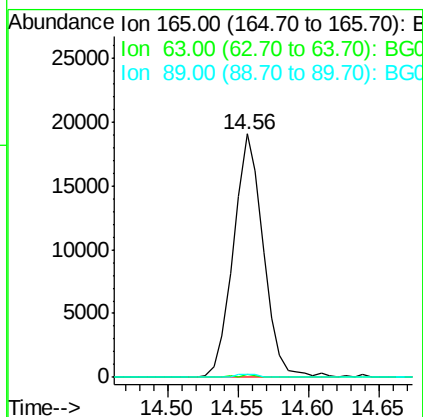
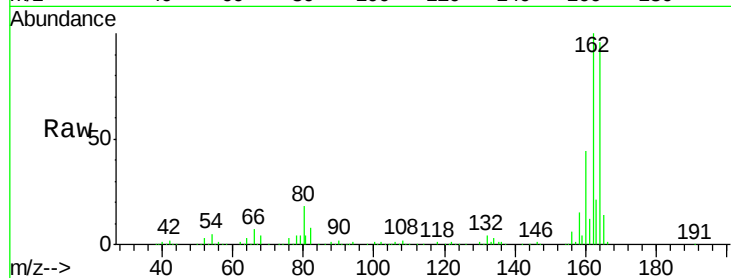




#51
 2,6-Dinitrotoluene
 Concen: 7.944 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. 0.42 min
 Lab File: BG046546.D
 Acq: 4 Sep 2020 18:39

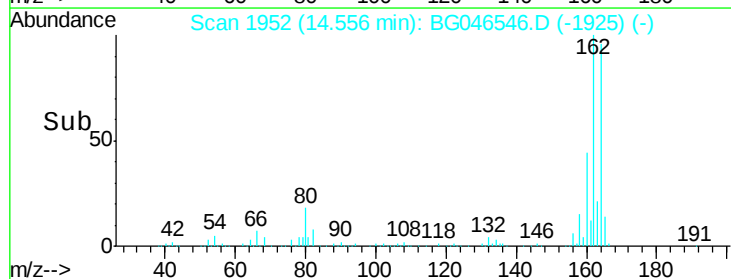
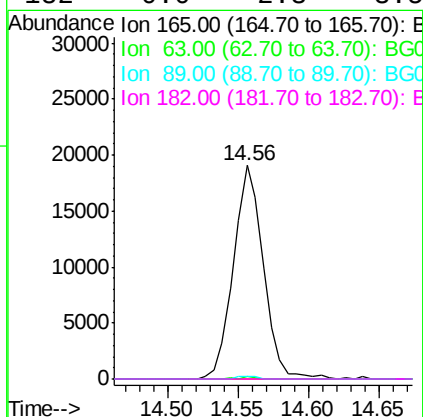
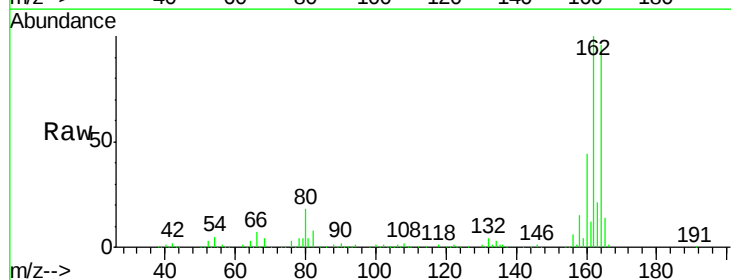
Instrument :
 BNA_G
 ClientSampleId :
 9-2-TP-2

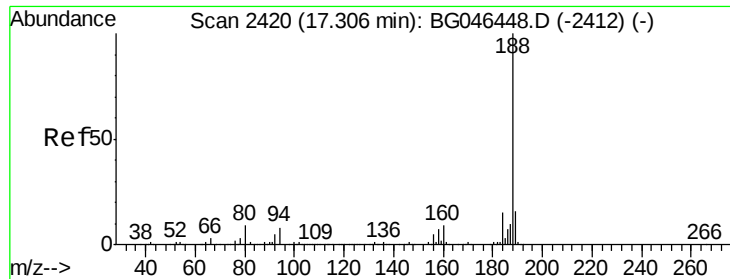
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.2	51.4#
89	1.2	37.0	55.4#



#57
 2,4-Dinitrotoluene
 Concen: 5.571 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046546.D
 Acq: 4 Sep 2020 18:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.4	38.0#
89	1.2	45.9	68.9#
182	0.0	2.3	3.5#

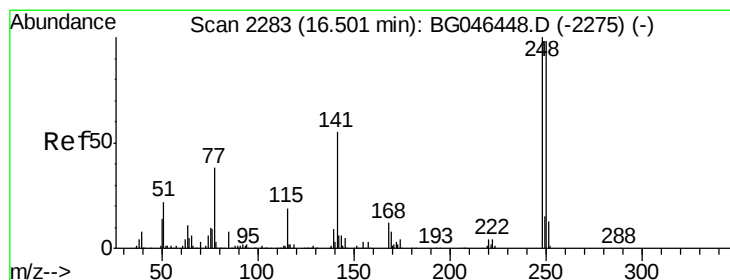
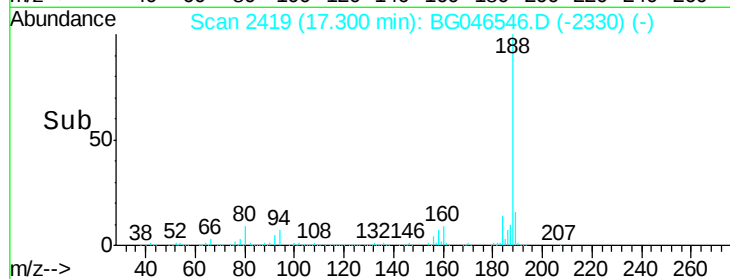
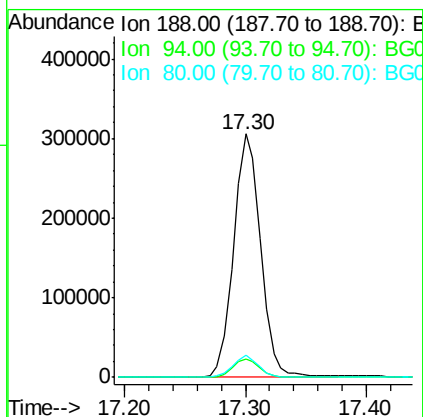
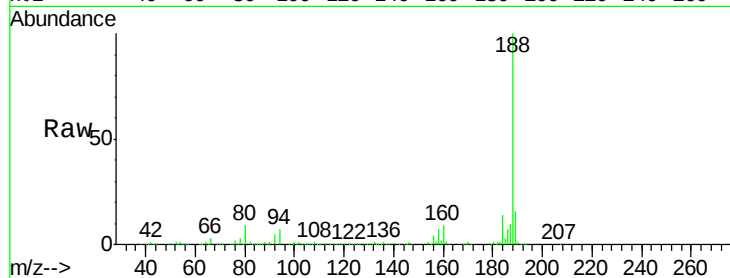




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG046546.D
 Acq: 4 Sep 2020 18:39

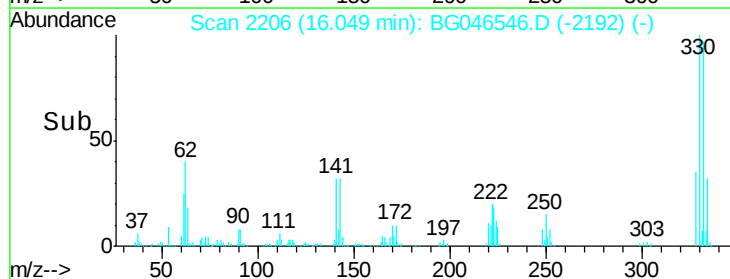
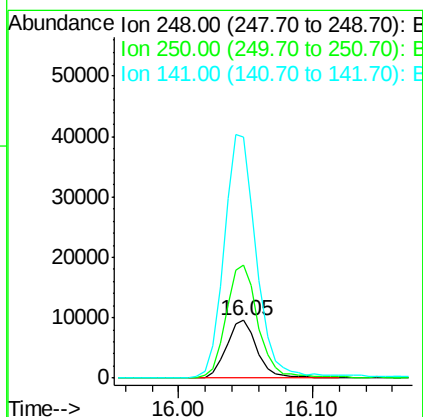
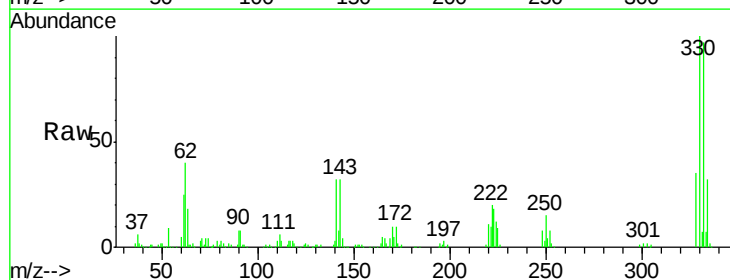
Instrument :
 BNA_G
 ClientSampleId :
 9-2-TP-2

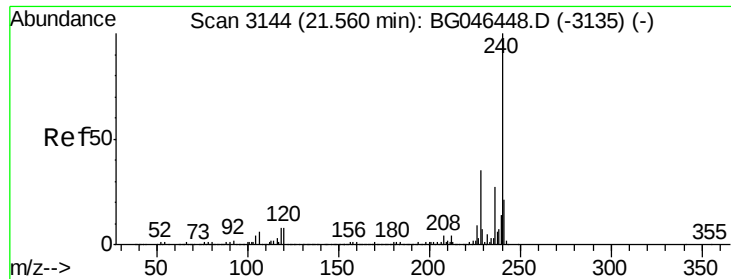
Tot Ion:188 Resp: 477115
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.3 9.5
 80 9.2 6.9 10.3



#67
 4-Bromophenyl-phenylether
 Concen: 2.768 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.45 min
 Lab File: BG046546.D
 Acq: 4 Sep 2020 18:39

Tgt Ion:248 Resp: 15406
 Ion Ratio Lower Upper
 248 100
 250 197.1 78.6 118.0#
 141 418.2 43.9 65.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG046546.D

Acq: 4 Sep 2020 18:39

Instrument :

BNA_G

ClientSampleId :

9-2-TP-2

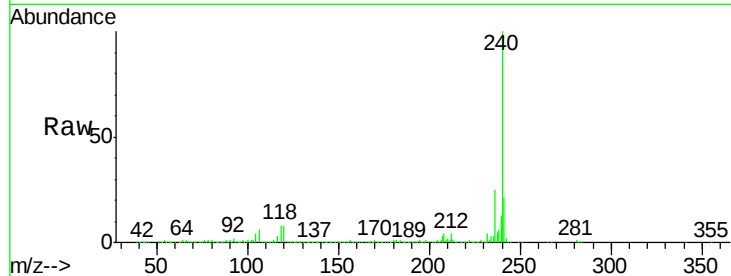
Tot Ion:240 Resp: 480805

Ion Ratio Lower Upper

240 100

120 8.2 6.6 10.0

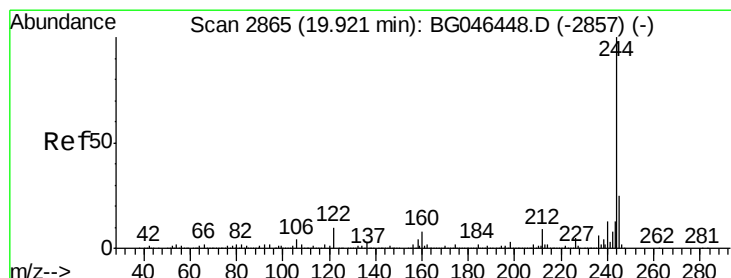
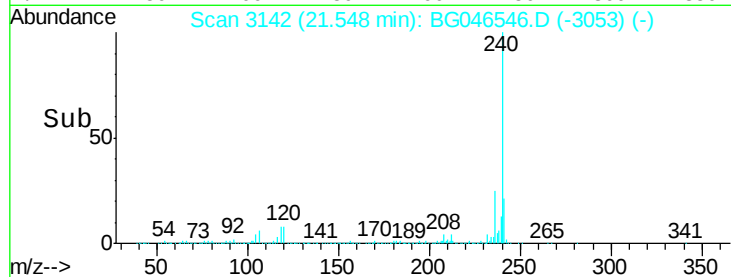
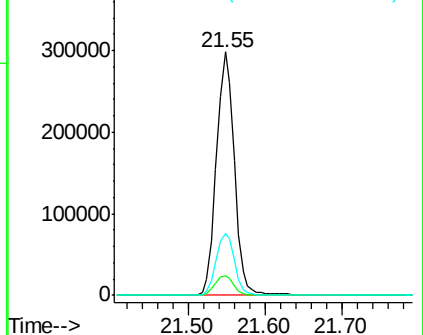
236 25.5 21.4 32.2



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



#79

Terphenyl-d14

Concen: 47.173 ng

RT: 19.91 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG046546.D

Acq: 4 Sep 2020 18:39

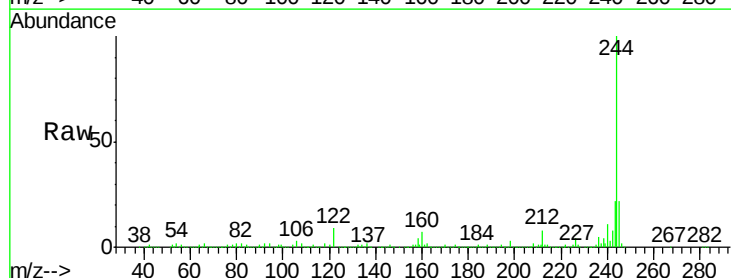
Tgt Ion:244 Resp: 1065738

Ion Ratio Lower Upper

244 100

212 7.6 6.9 10.3

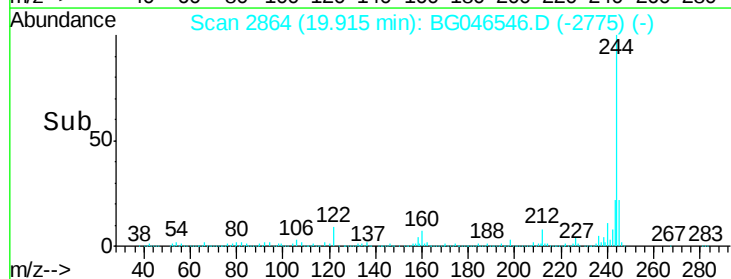
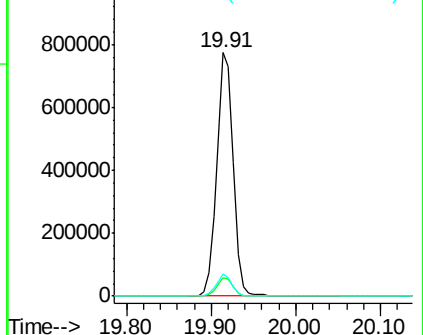
122 9.0 8.2 12.4

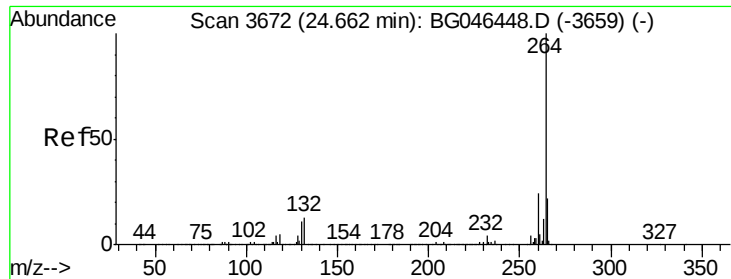


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG046546.D
Acq: 4 Sep 2020 18:39

Instrument :
BNA_G
ClientSampleId :
9-2-TP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.1	17.9	26.9

