

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082620\
 Data File : BG046465.D
 Acq On : 26 Aug 2020 22:33
 Operator : CG/JU
 Sample : L3784-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-06

Quant Time: Aug 27 01:34:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 18:00:34 2020
 Response via : Initial Calibration

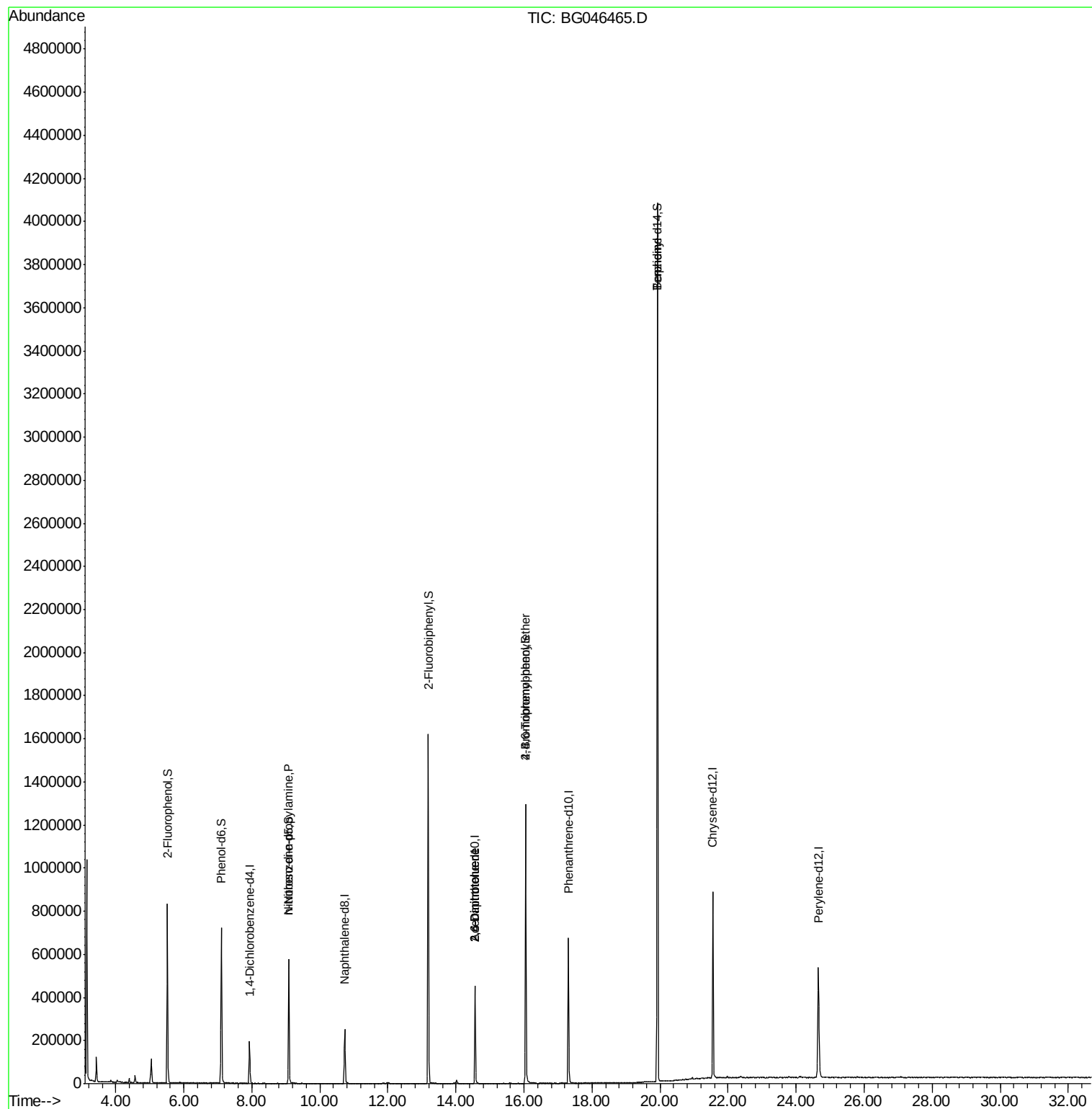
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	60781	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	239202	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	161826	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	444453	20.00	ng	0.00
76) Chrysene-d12	21.55	240	548178	20.00	ng	0.00
86) Perylene-d12	24.65	264	545033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	385136	112.23	ng	0.00
7) Phenol-d6	7.10	99	461413	94.85	ng	0.00
23) Nitrobenzene-d5	9.08	82	366722	87.62	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	272172	124.13	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	917063	86.51	ng	0.00
79) Terphenyl-d14	19.92	244	1903205	73.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	46205	15.879	ng	# 74
51) 2,6-Dinitrotoluene	14.56	165	21109	7.649	ng	# 33
57) 2,4-Dinitrotoluene	14.56	165	21109	5.364	ng	# 33
67) 4-Bromophenyl-phenylether	16.05	248	20961	4.042	ng	# 1
77) Benzidine	19.92	184	30025	2.357	ng	97

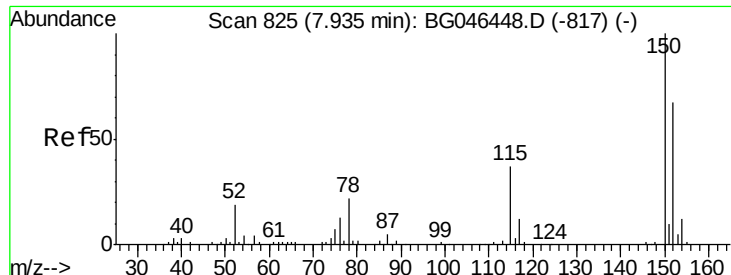
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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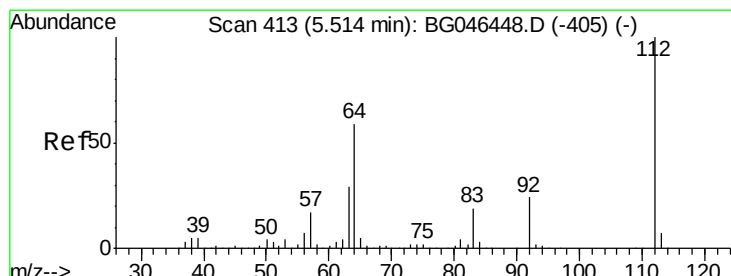
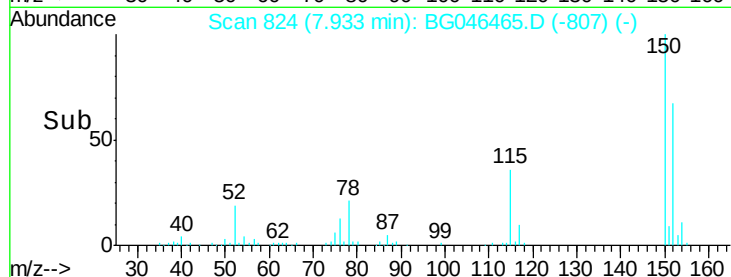
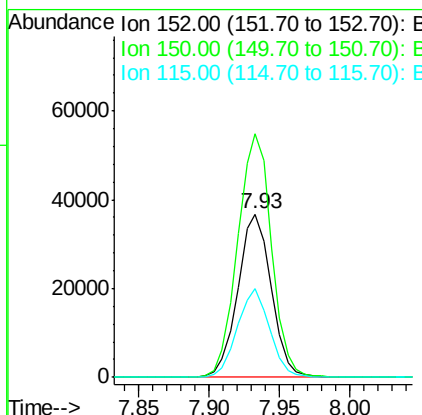
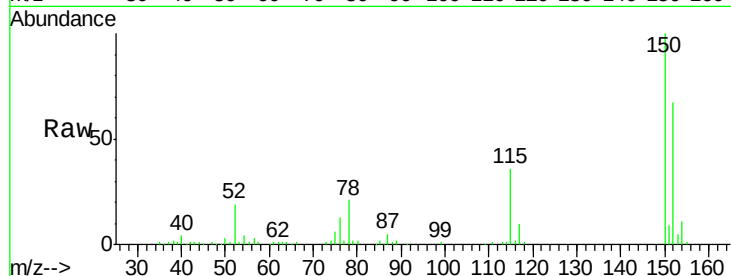


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG046465.D
 Acq: 26 Aug 2020 22:33

Instrument :
 BNA_G
 ClientSampleId :
 RO-06

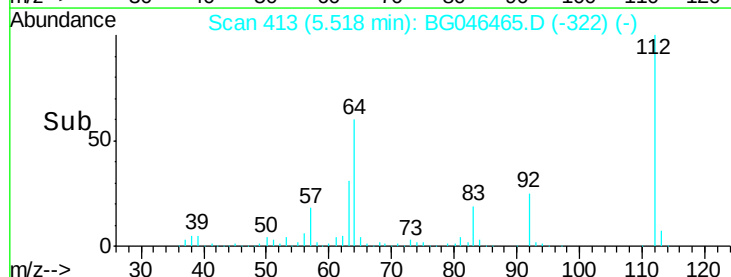
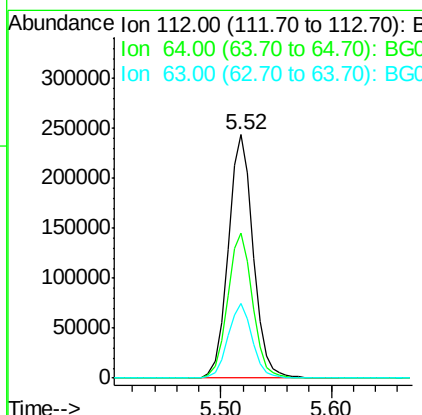
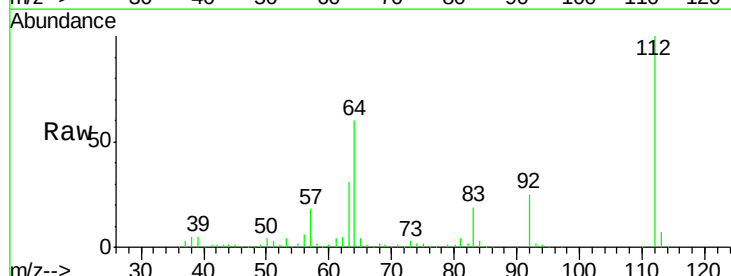
Tot Ion	152	Resp	60781
Ion Ratio	100	Lower	Upper
150	148.8	119.5	179.3
115	54.0	44.3	66.5

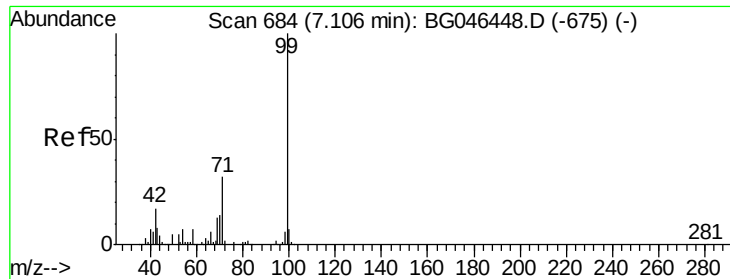


#5

2-Fluorophenol
 Concen: 112.230 ng
 RT: 5.52 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BG046465.D
 Acq: 26 Aug 2020 22:33

Tgt Ion	112	Resp	385136
Ion Ratio	100	Lower	Upper
64	59.5	47.0	70.6
63	30.6	23.5	35.3





#7

Phenol-d6

Concen: 94.849 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046465.D

Acq: 26 Aug 2020 22:33

Instrument :

BNA_G

ClientSampleId :

RO-06

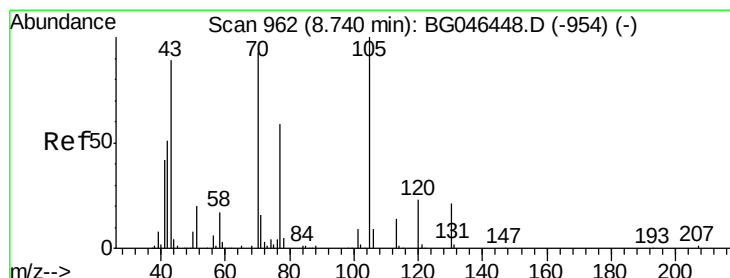
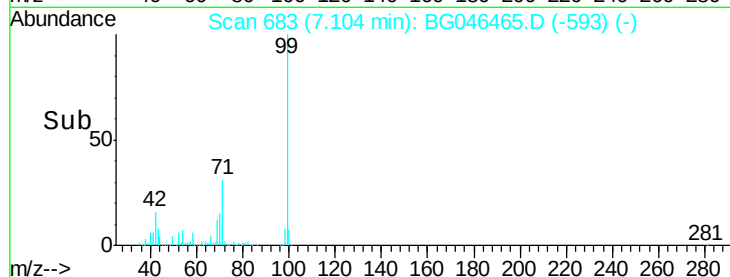
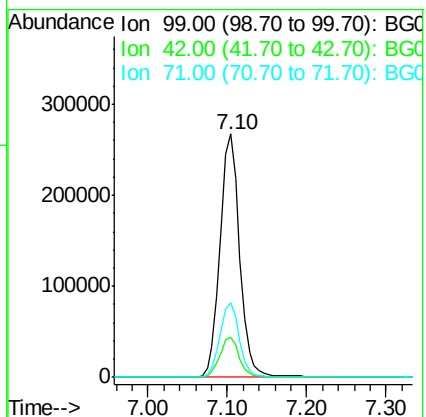
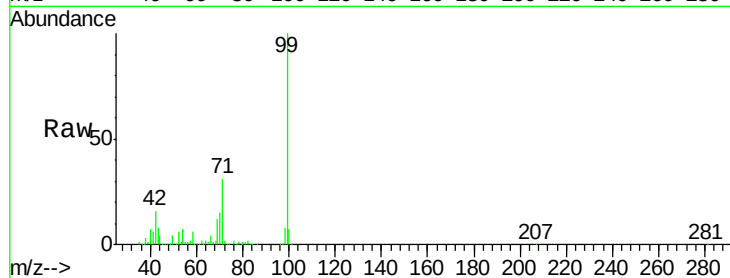
Tot Ion: 99 Resp: 461413

Ion Ratio Lower Upper

99 100

42 16.2 13.3 19.9

71 30.6 25.3 37.9



#19

n-Nitroso-di-n-propylamine

Concen: 15.879 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.34 min

Lab File: BG046465.D

Acq: 26 Aug 2020 22:33

Tgt Ion: 70 Resp: 46205

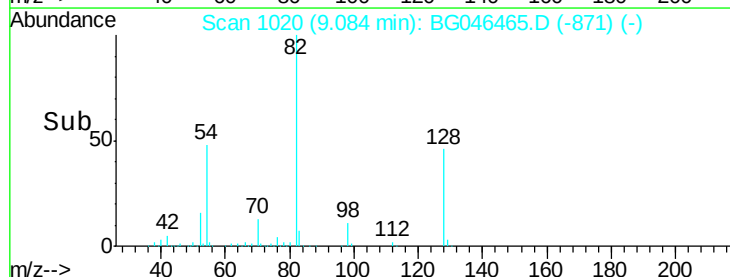
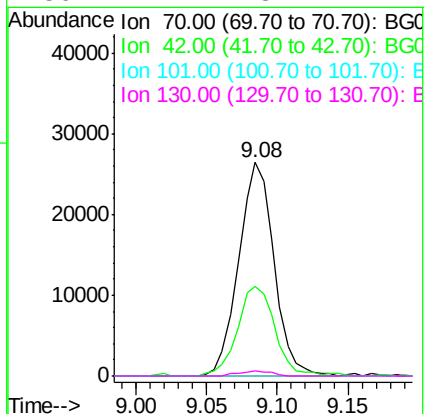
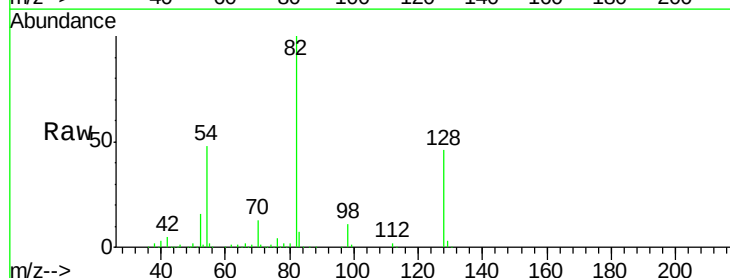
Ion Ratio Lower Upper

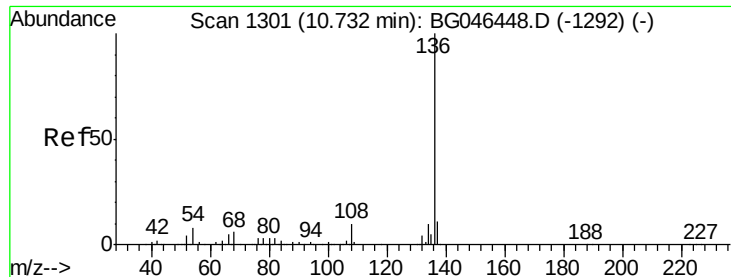
70 100

42 41.7 44.2 66.2#

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

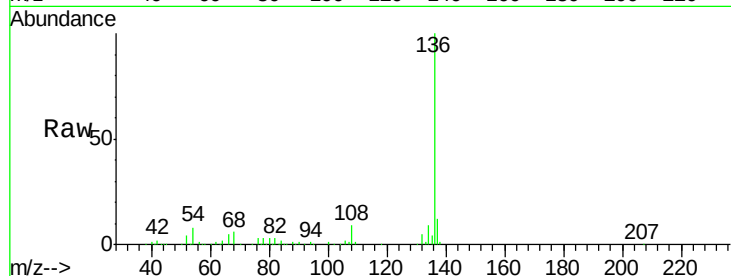




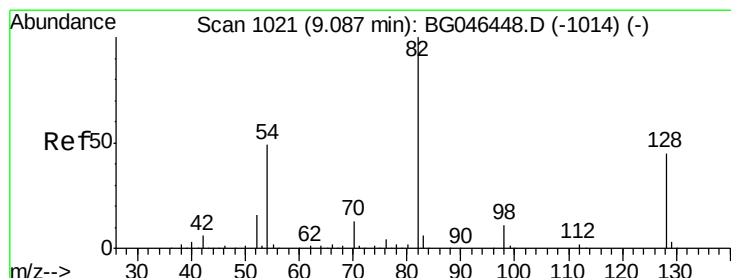
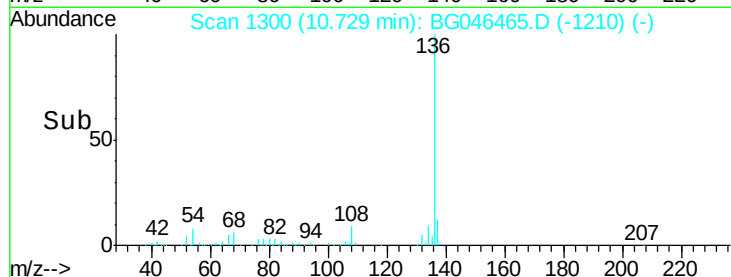
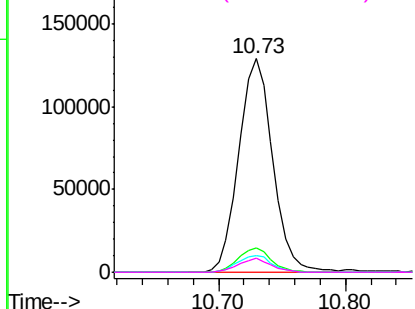
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG046465.D
Acq: 26 Aug 2020 22:33

Instrument :
BNA_G
ClientSampleId :
RO-06

Tot Ion:136	Resp:	239202
Ion Ratio	Lower	Upper
136 100		
137 11.6	8.8	13.2
54 7.5	6.1	9.1
68 6.5	4.8	7.2

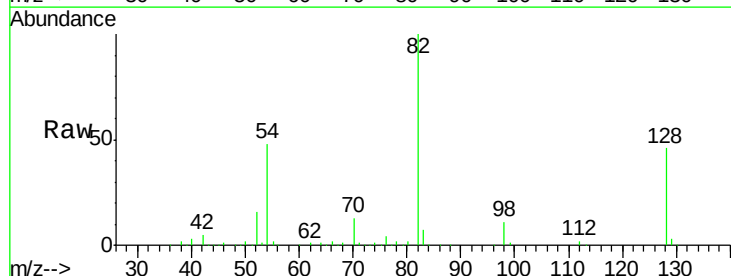


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

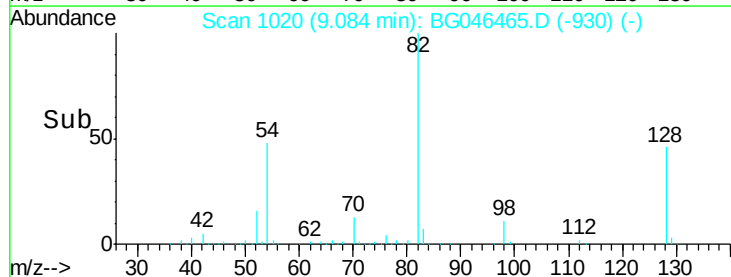
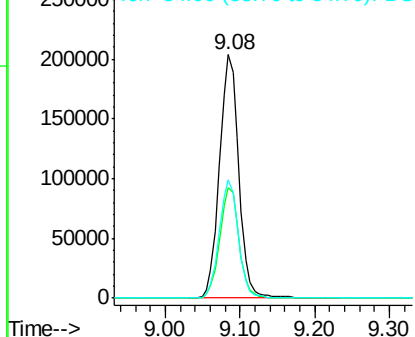


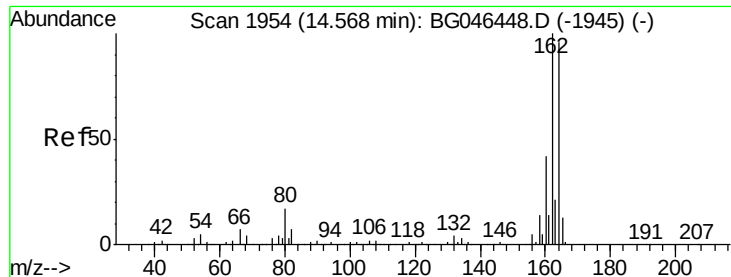
#23
Nitrobenzene-d5
Concen: 87.625 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046465.D
Acq: 26 Aug 2020 22:33

Tgt Ion: 82	Resp: 366722
Ion Ratio	Lower Upper
82 100	
128 45.6	35.7 53.5
54 48.5	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: BG046465.D

Acq: 26 Aug 2020 22:33

Instrument :

BNA_G

ClientSampled :

RO-06

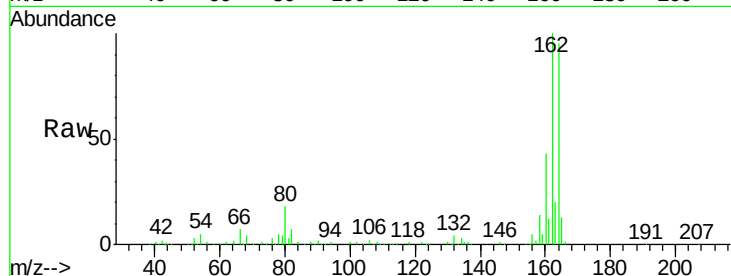
Tot Ion:164 Resp: 161826

Ion Ratio Lower Upper

164 100

162 105.0 83.3 124.9

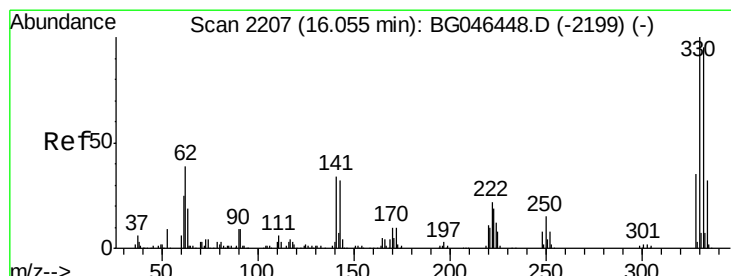
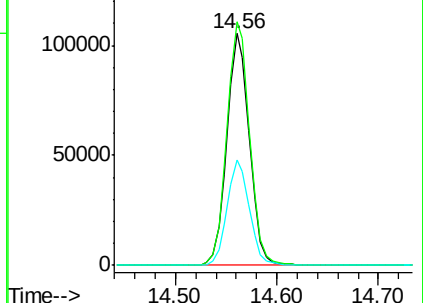
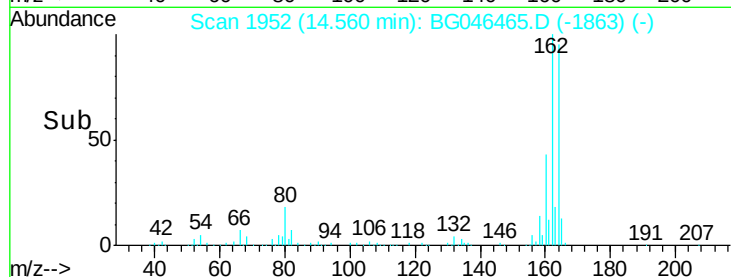
160 45.5 35.0 52.6



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: 124.130 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046465.D

Acq: 26 Aug 2020 22:33

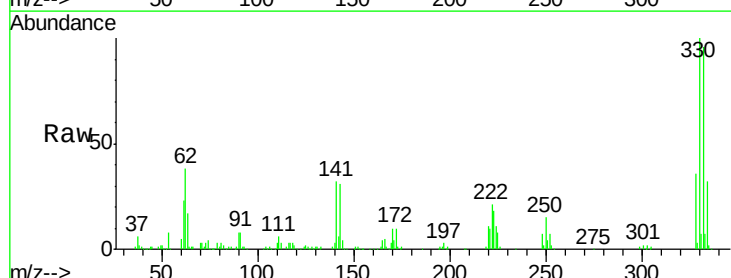
Tgt Ion:330 Resp: 272172

Ion Ratio Lower Upper

330 100

332 96.2 76.1 114.1

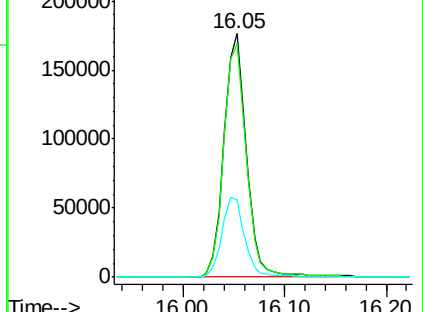
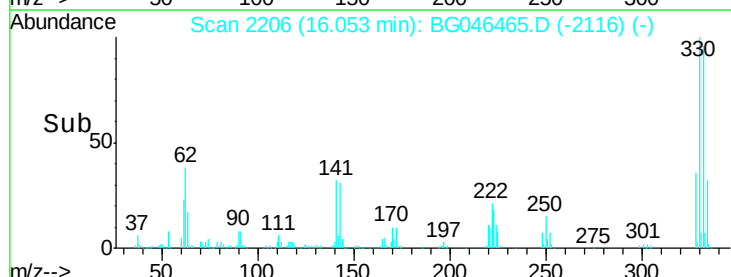
141 33.2 26.1 39.1

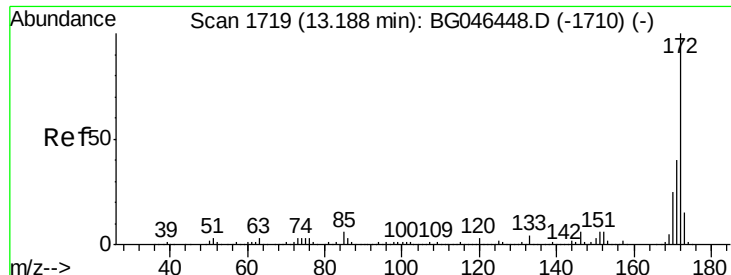


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

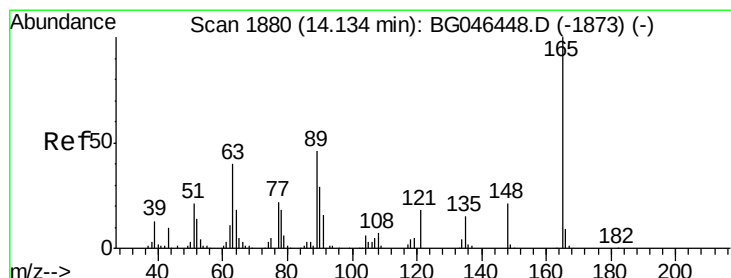
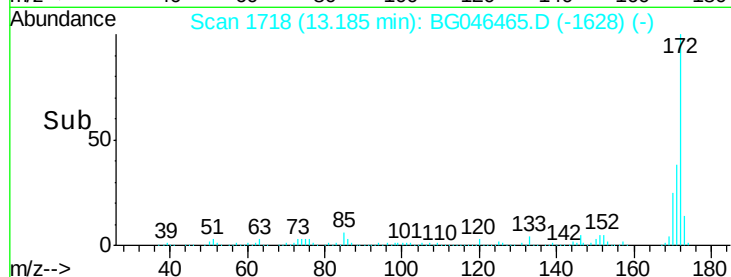
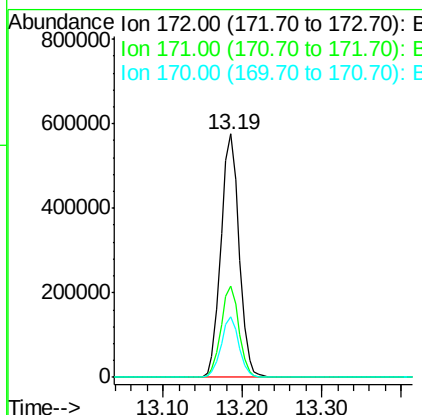
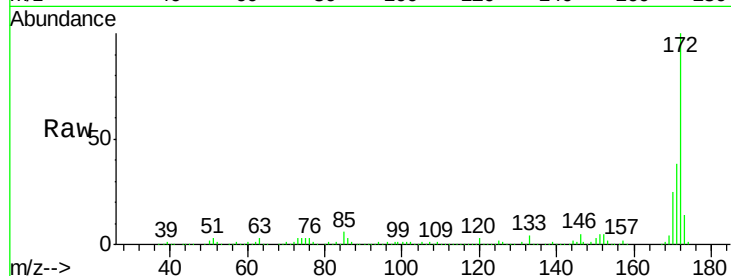




#45
2-Fluorobiphenyl
Concen: 86.510 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046465.D
Acq: 26 Aug 2020 22:33

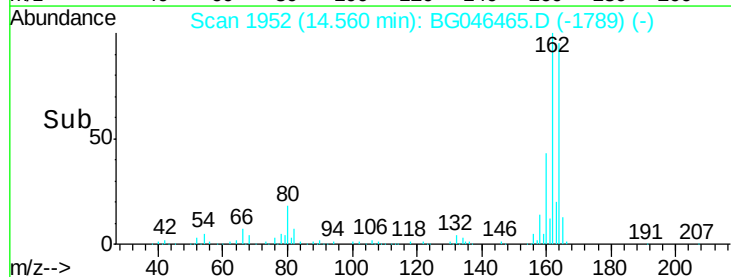
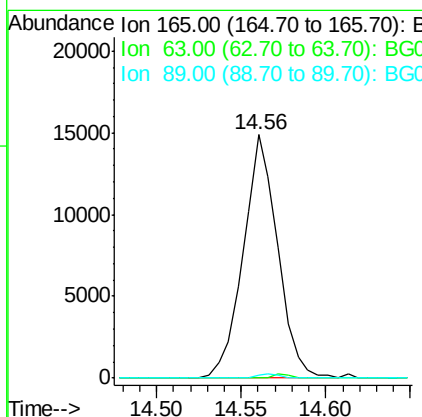
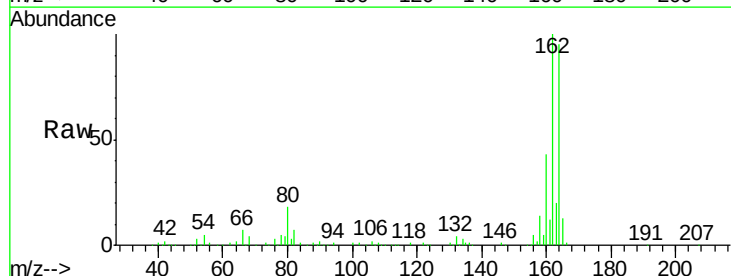
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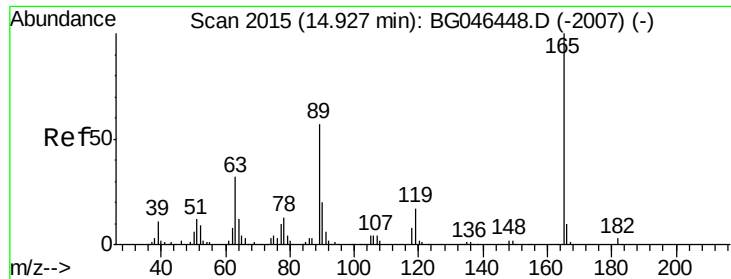
Tot Ion:172 Resp: 917063
Ion Ratio Lower Upper
172 100
171 37.6 31.8 47.6
170 24.9 20.3 30.5



#51
2,6-Dinitrotoluene
Concen: 7.649 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.43 min
Lab File: BG046465.D
Acq: 26 Aug 2020 22:33

Tgt Ion:165 Resp: 21109
Ion Ratio Lower Upper
165 100
63 0.0 34.2 51.4#
89 1.3 37.0 55.4#

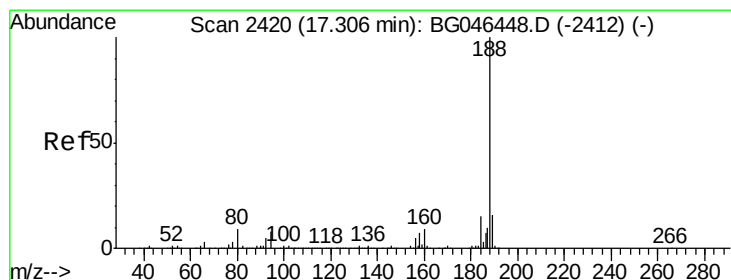
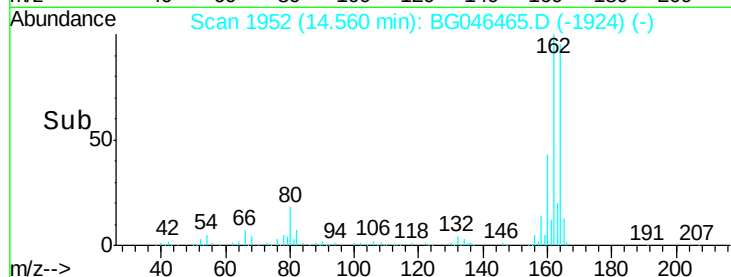
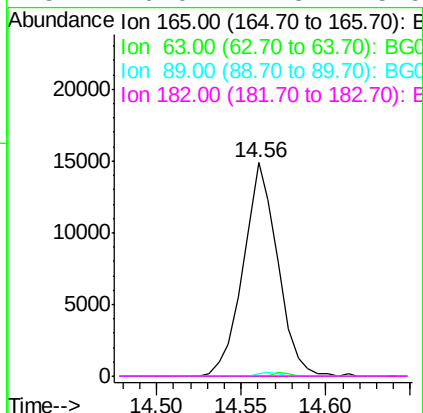
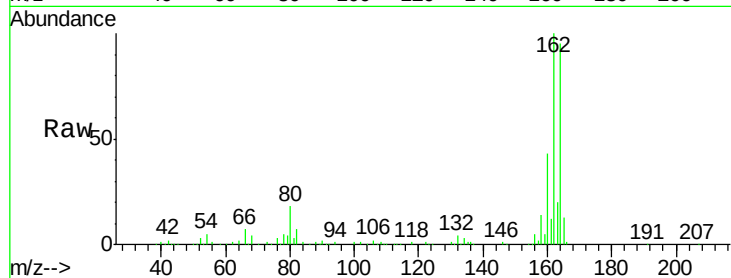




#57
 2,4-Dinitrotoluene
 Concen: 5.364 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046465.D
 Acq: 26 Aug 2020 22:33

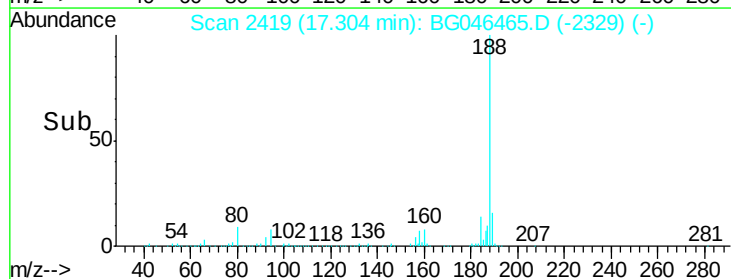
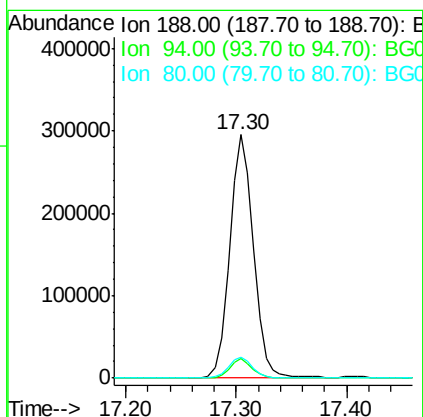
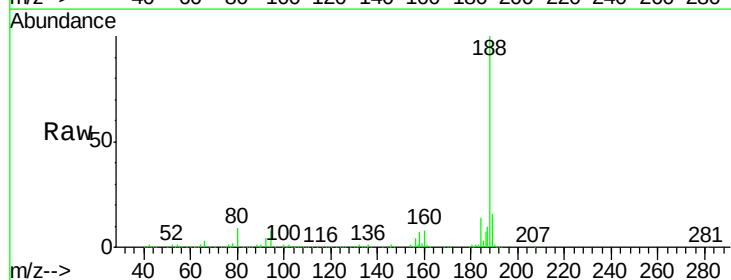
Instrument :
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 RO-06

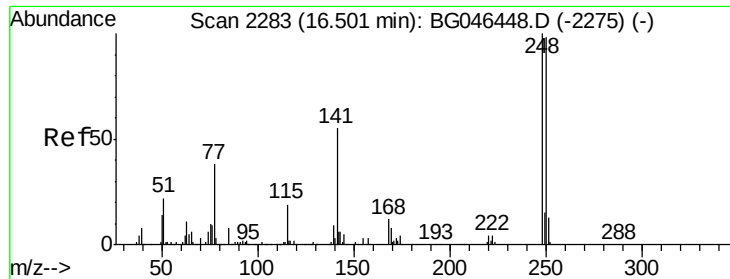
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.3	45.9	68.9#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BG046465.D
 Acq: 26 Aug 2020 22:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.3	9.5
80	8.7	6.9	10.3

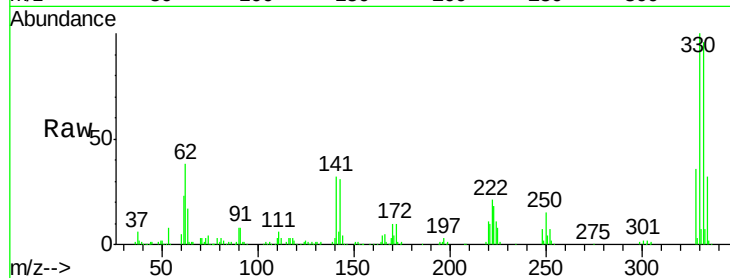




#67
4-Bromophenyl-phenylether
Concen: 4.042 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.45 min
Lab File: BG046465.D
Acq: 26 Aug 2020 22:33

Instrument :
BNA_G
ClientSampleId :
RO-06

Tot Ion	Ratio	Lower	Upper
248	100		
250	199.5	78.6	118.0#
141	426.4	43.9	65.9#

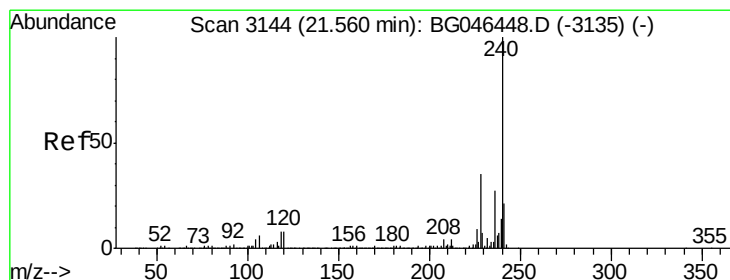
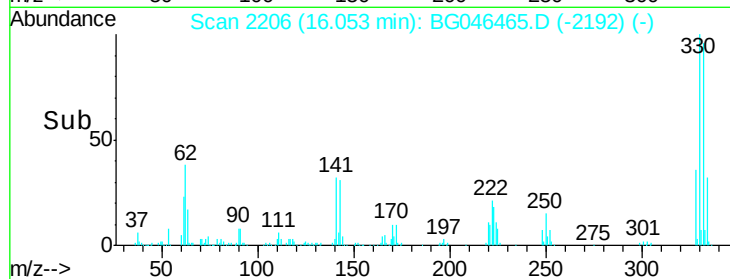
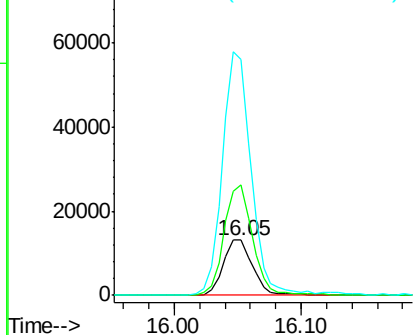


Abundance

Ion 248.00 (247.70 to 248.70): E

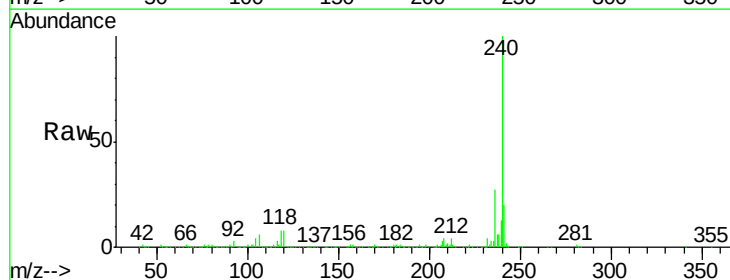
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG046465.D
Acq: 26 Aug 2020 22:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.6	10.0
236	26.7	21.4	32.2

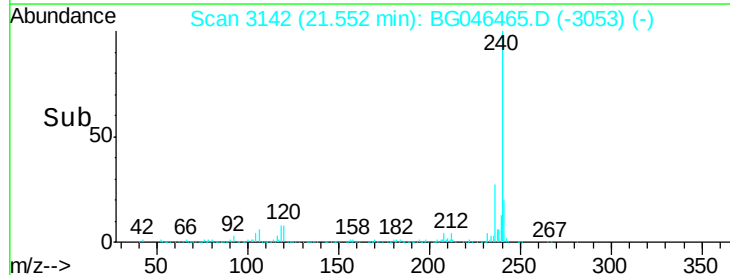
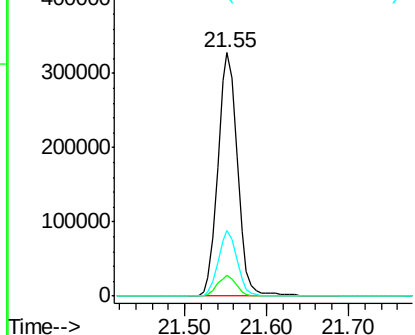


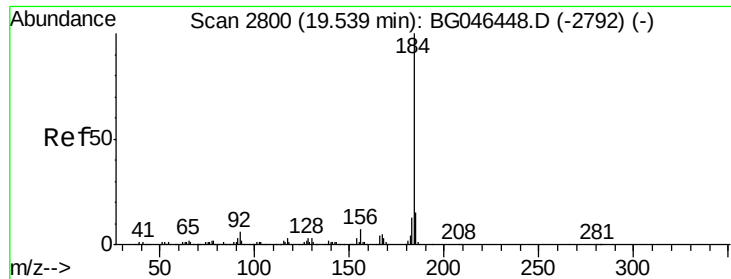
Abundance

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





#77

Benzidine

Concen: 2.357 ng

RT: 19.92 min Scan# 2864

Delta R.T. 0.38 min

Lab File: BG046465.D

Acq: 26 Aug 2020 22:33

Instrument :

BNA_G

ClientSampleId :

RO-06

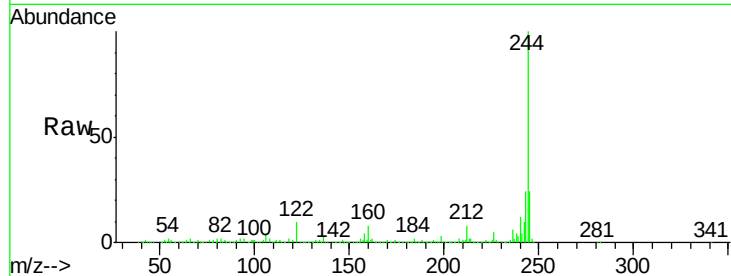
Tot Ion:184 Resp: 30025

Ion Ratio Lower Upper

184 100

185 16.7 11.8 17.8

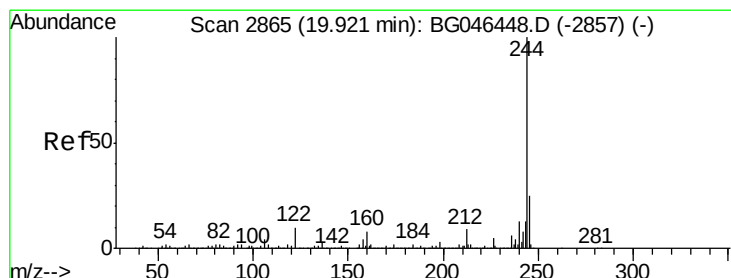
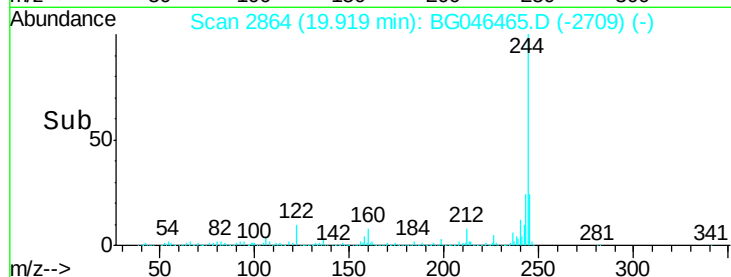
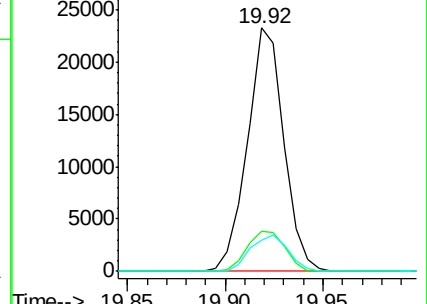
183 13.0 10.7 16.1



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: 73.888 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046465.D

Acq: 26 Aug 2020 22:33

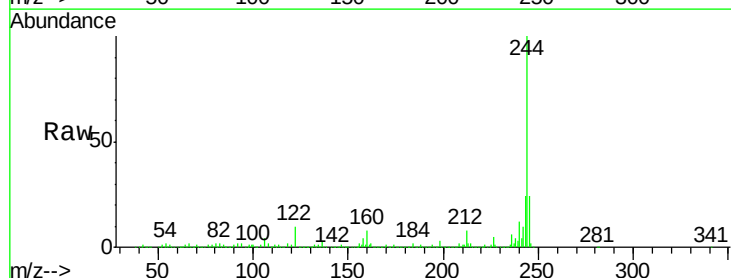
Tgt Ion:244 Resp: 1903205

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

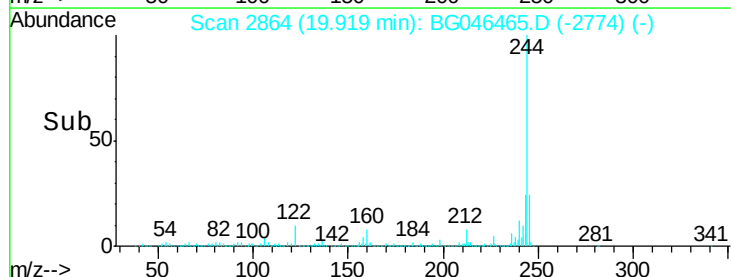
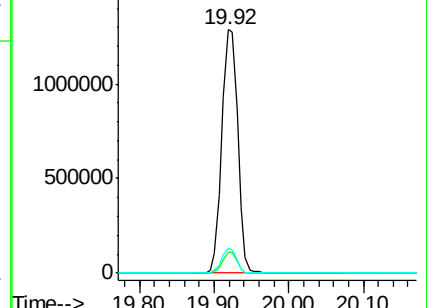
122 10.4 8.2 12.4

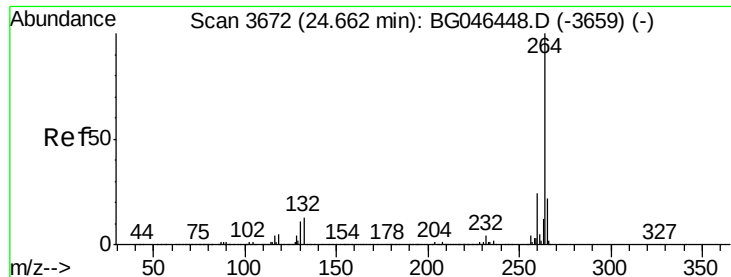


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG046465.D
 Acq: 26 Aug 2020 22:33

Instrument :
 BNA_G
 ClientSampleId :
 RO-06

Tot Ion:	264	Resp:	545033
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.6	17.9	26.9

