

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
 Data File : BG046550.D
 Acq On : 4 Sep 2020 21:21
 Operator : CG/JU
 Sample : L3888-14 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 9-2-TP-4

Quant Time: Sep 05 01:04:08 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

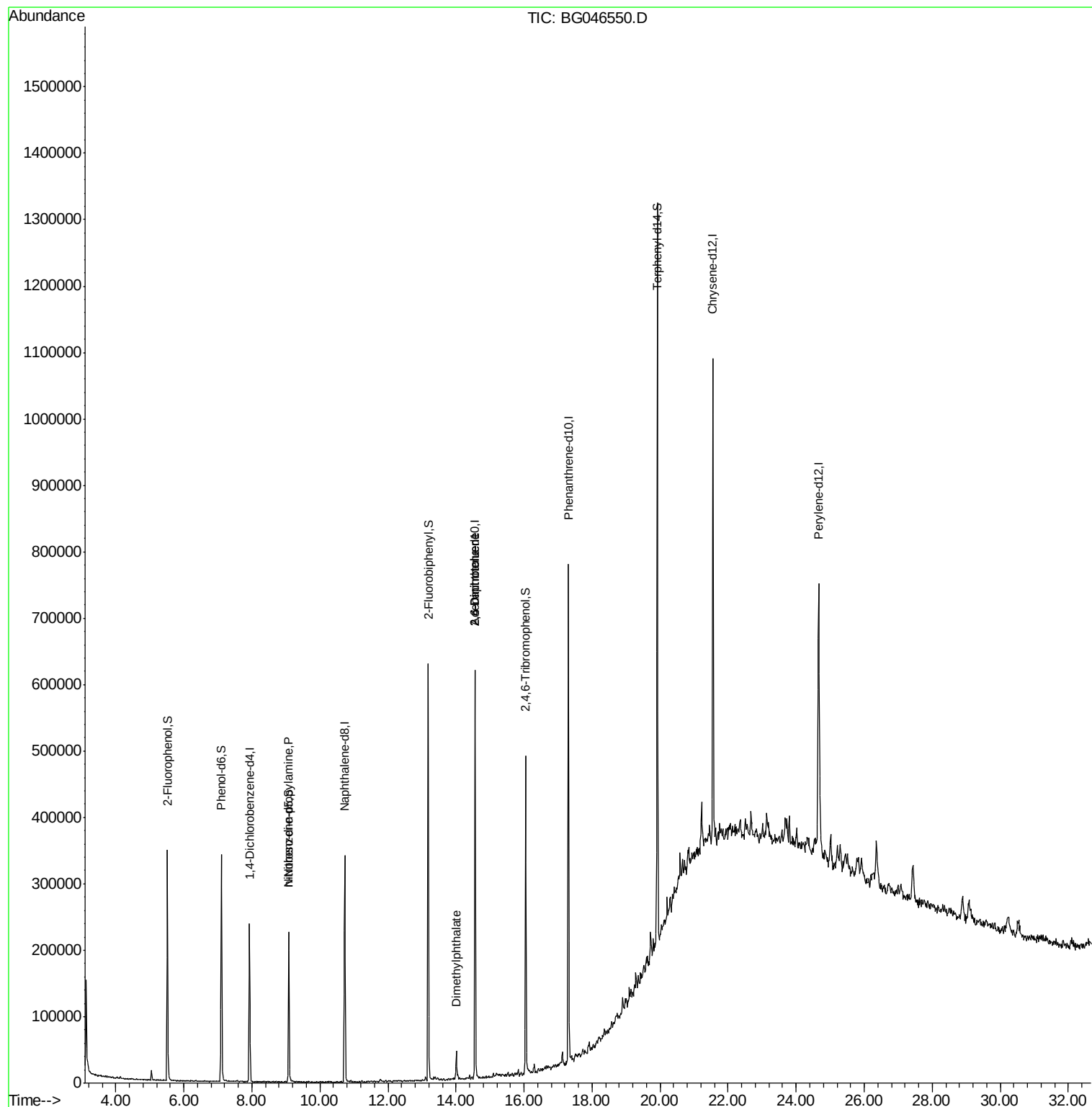
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	75492	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	312917	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	219718	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	481310	20.00	ng	0.00
76) Chrysene-d12	21.55	240	458968	20.00	ng	0.00
86) Perylene-d12	24.66	264	456913	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	166228	39.00	ng	0.00
7) Phenol-d6	7.10	99	221293	36.62	ng	0.00
23) Nitrobenzene-d5	9.08	82	147231	26.89	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	102055	34.28	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	375044	26.06	ng	0.00
79) Terphenyl-d14	19.92	244	497086	23.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	18783	5.197	ng	# 76
50) Dimethylphthalate	14.01	163	34999	2.059	ng	# 97
51) 2,6-Dinitrotoluene	14.56	165	30119	8.038	ng	# 34
57) 2,4-Dinitrotoluene	14.56	165	30119	5.637	ng	# 34

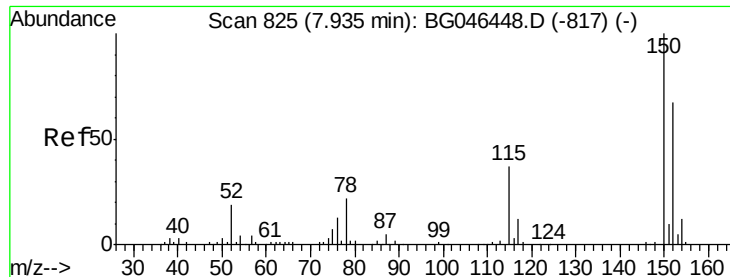
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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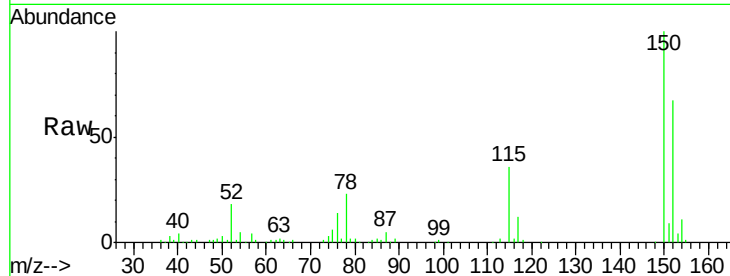


#1

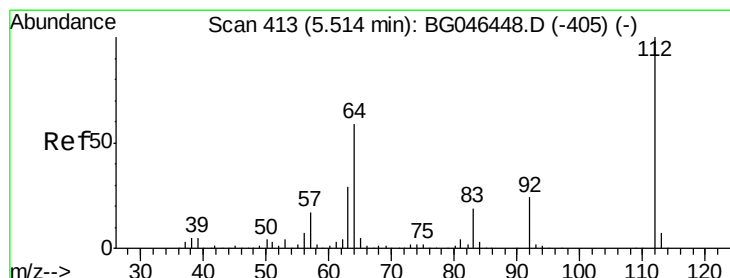
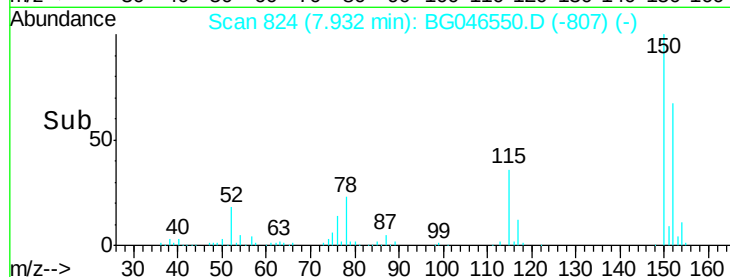
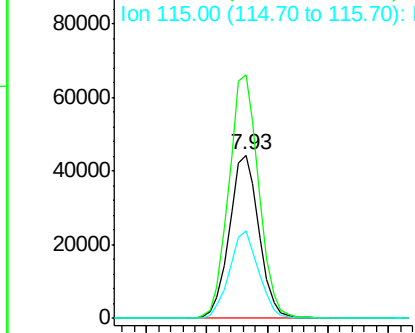
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG046550.D
 Acq: 4 Sep 2020 21:21

Instrument :
 BNA_G
 ClientSampleId :
 9-2-TP-4

Tot Ion:152 Resp: 75492
 Ion Ratio Lower Upper
 152 100
 150 148.9 119.5 179.3
 115 53.6 44.3 66.5



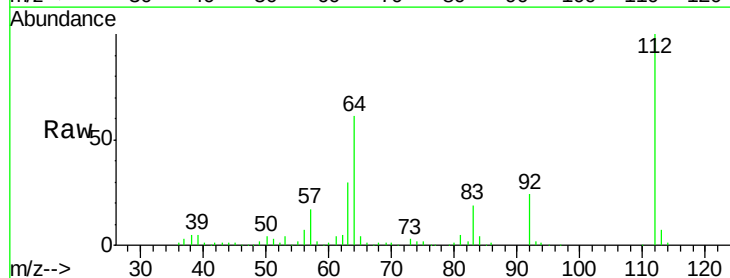
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



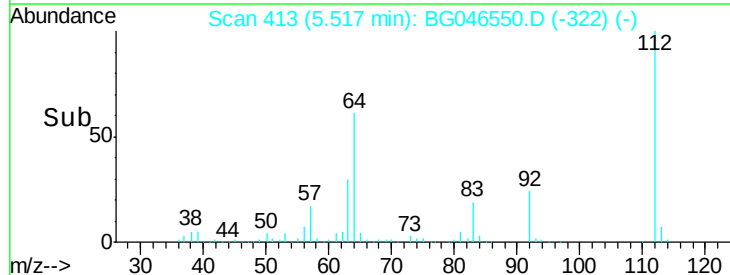
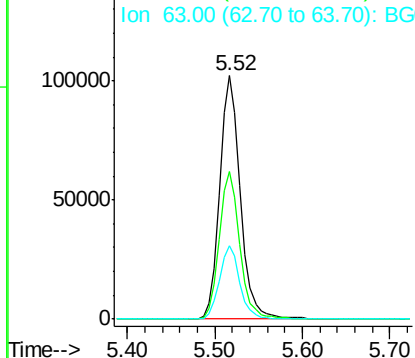
#5

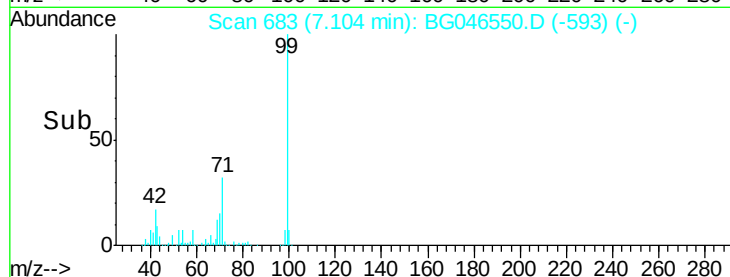
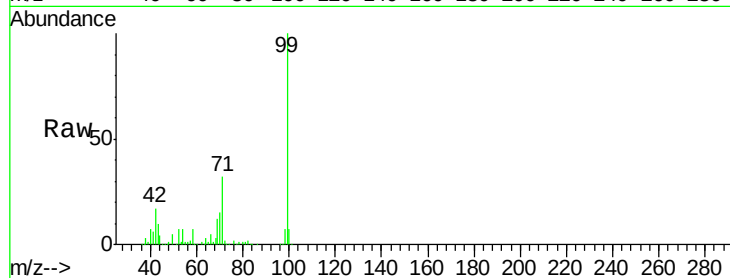
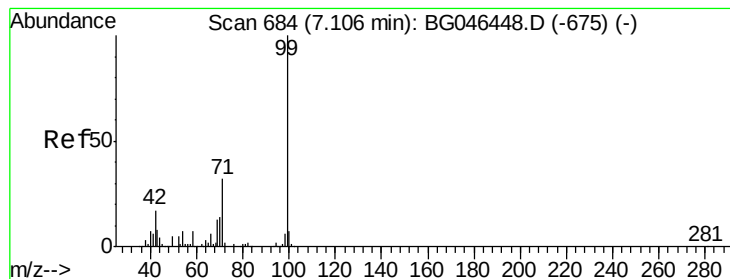
2-Fluorophenol
 Concen: 39.000 ng
 RT: 5.52 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BG046550.D
 Acq: 4 Sep 2020 21:21

Tgt Ion:112 Resp: 166228
 Ion Ratio Lower Upper
 112 100
 64 60.7 47.0 70.6
 63 30.0 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: 36.625 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046550.D

Acq: 4 Sep 2020 21:21

Instrument :

BNA_G

ClientSampleId :

9-2-TP-4

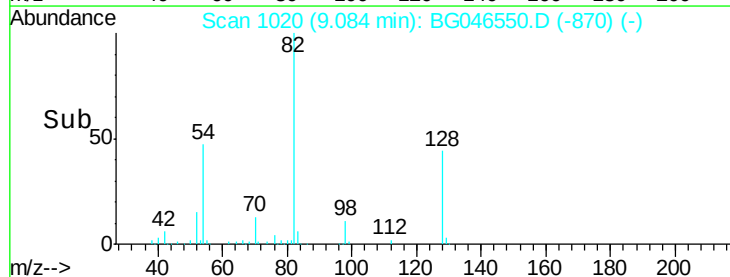
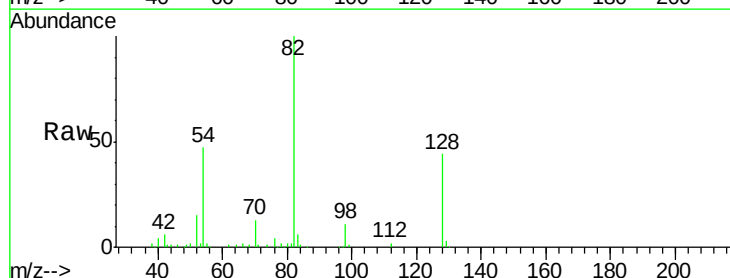
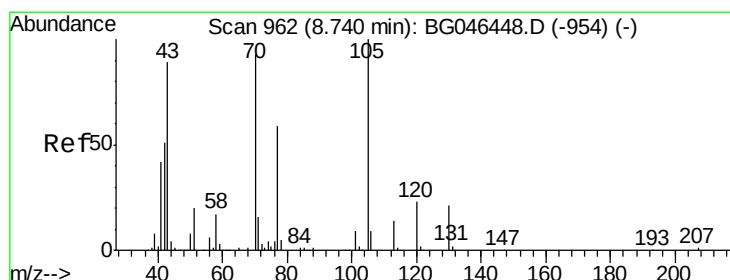
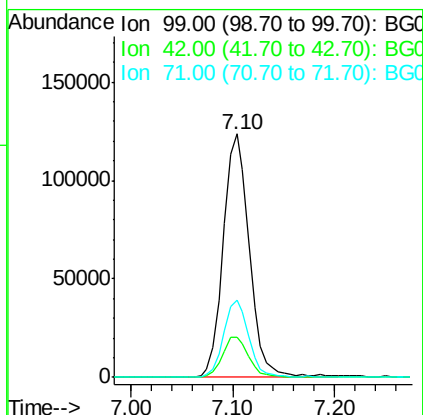
Tot Ion: 99 Resp: 221293

Ion Ratio Lower Upper

99 100

42 16.6 13.3 19.9

71 31.8 25.3 37.9



#19

n-Nitroso-di-n-propylamine

Concen: 5.197 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046550.D

Acq: 4 Sep 2020 21:21

Tgt Ion: 70 Resp: 18783

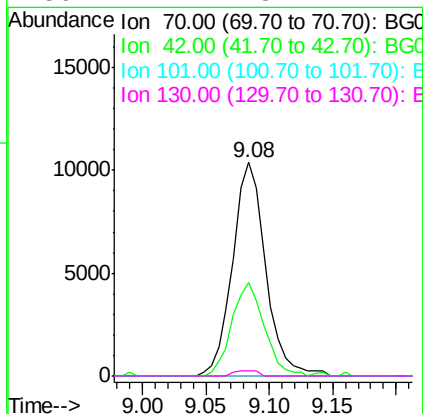
Ion Ratio Lower Upper

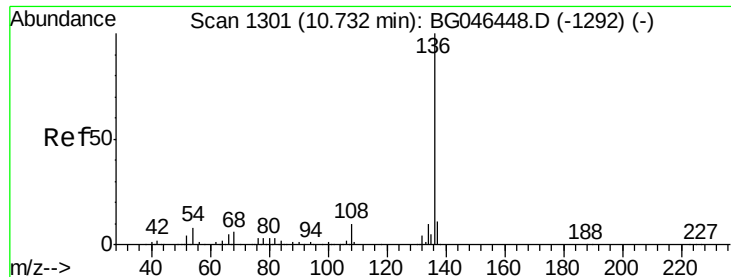
70 100

42 43.9 44.2 66.2#

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

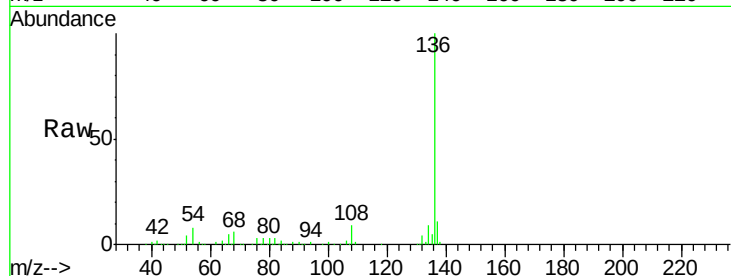




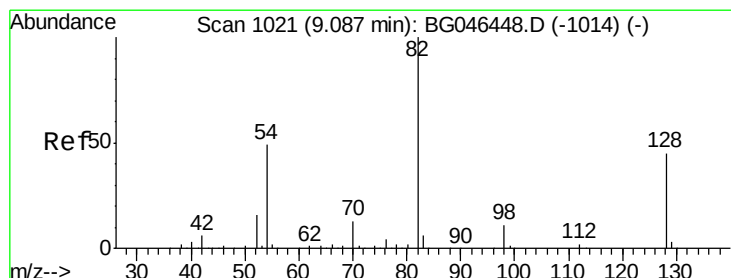
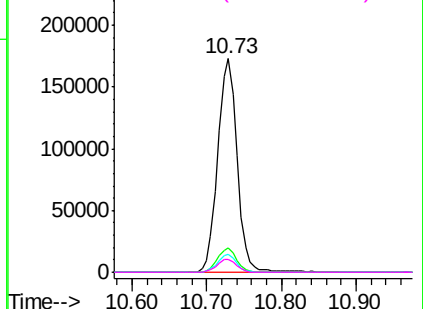
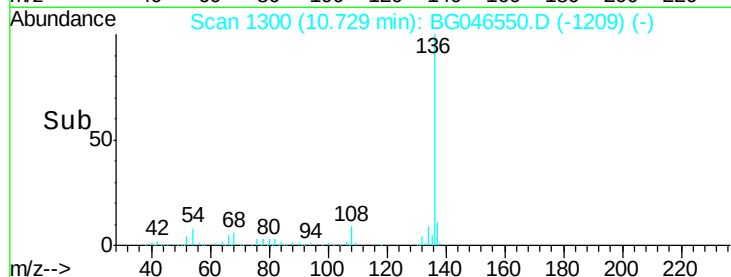
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046550.D
Acq: 4 Sep 2020 21:21

Instrument :
BNA_G
ClientSampleId :
9-2-TP-4

Tot Ion:136	Resp:	312917
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.8	13.2
54 8.2	6.1	9.1
68 5.8	4.8	7.2

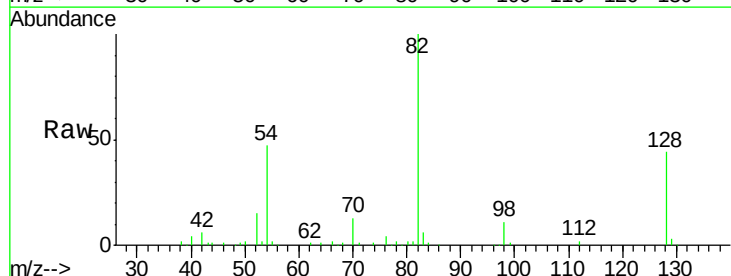


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

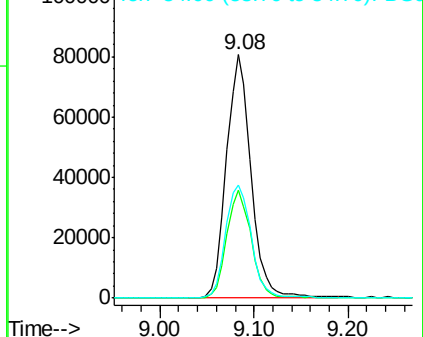
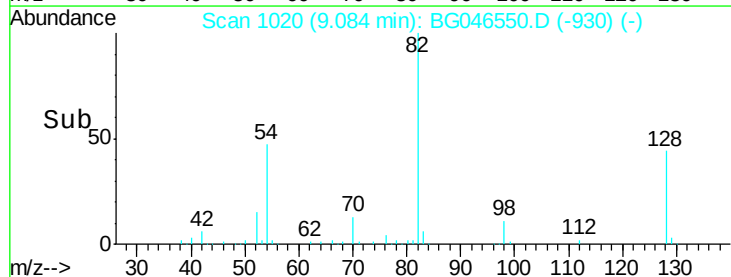


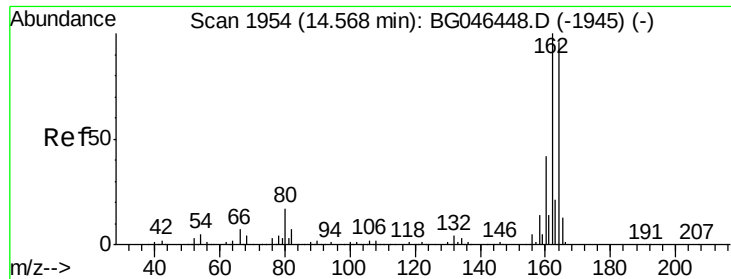
#23
Nitrobenzene-d5
Concen: 26.892 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046550.D
Acq: 4 Sep 2020 21:21

Tgt	Ion: 82	Resp:	147231
Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.7	53.5
54	46.6	39.4	59.0



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: 14.56 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG046550.D

Acq: 4 Sep 2020 21:21

Instrument :

BNA_G

ClientSampleId :

9-2-TP-4

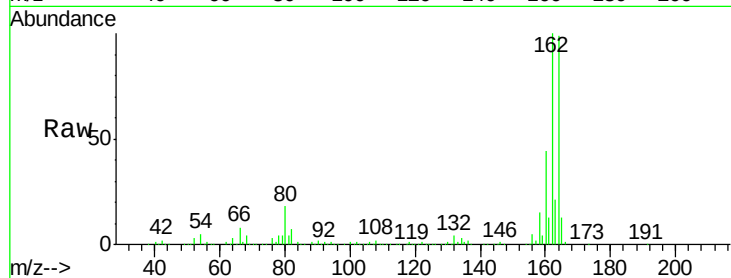
Tot Ion:164 Resp: 219718

Ion Ratio Lower Upper

164 100

162 101.2 83.3 124.9

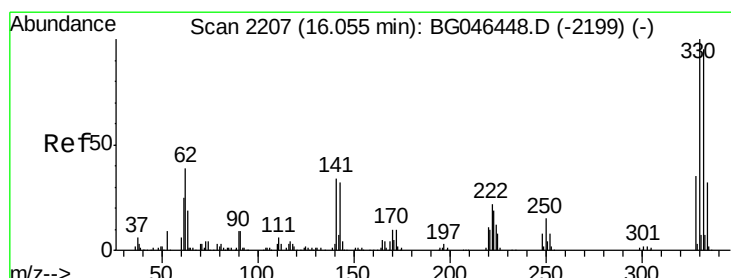
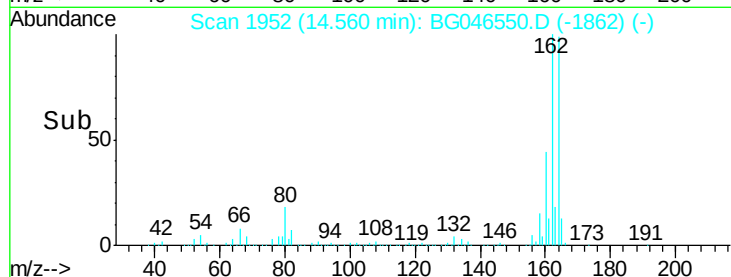
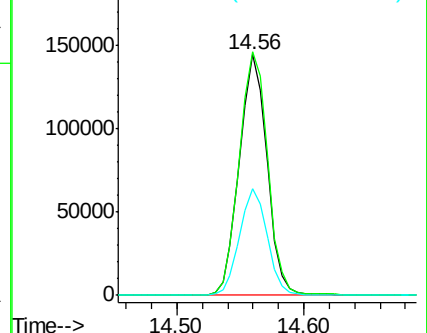
160 44.2 35.0 52.6



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: 34.281 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046550.D

Acq: 4 Sep 2020 21:21

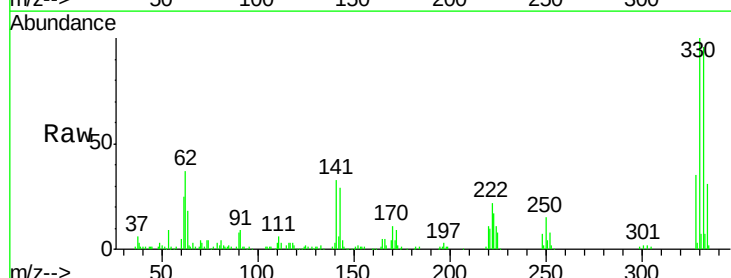
Tgt Ion:330 Resp: 102055

Ion Ratio Lower Upper

330 100

332 96.3 76.1 114.1

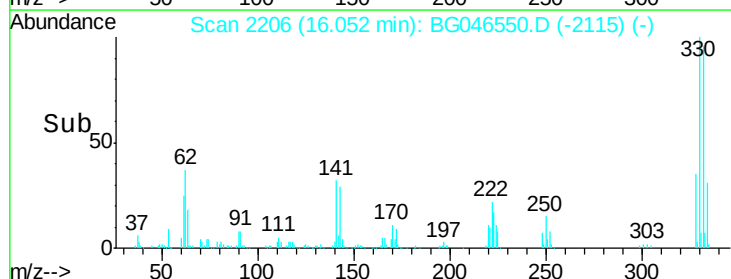
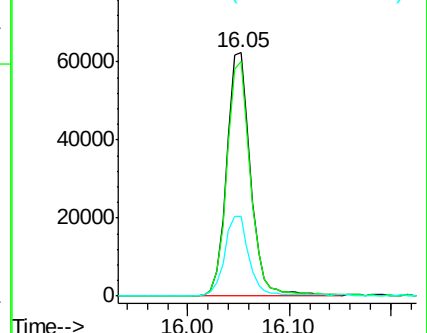
141 34.1 26.1 39.1

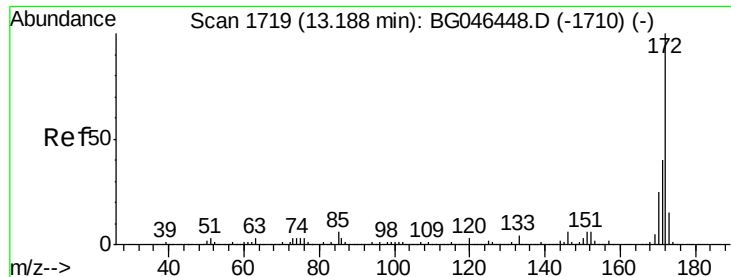


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

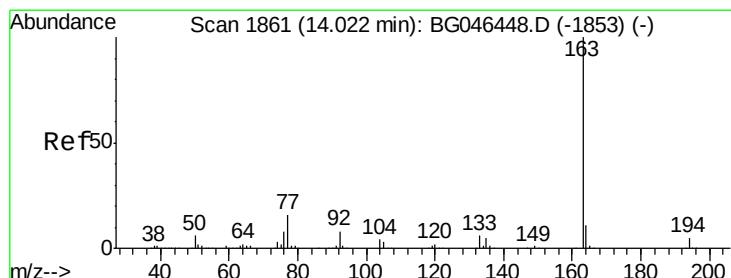
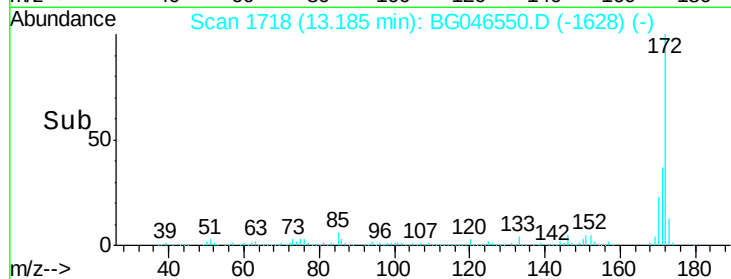
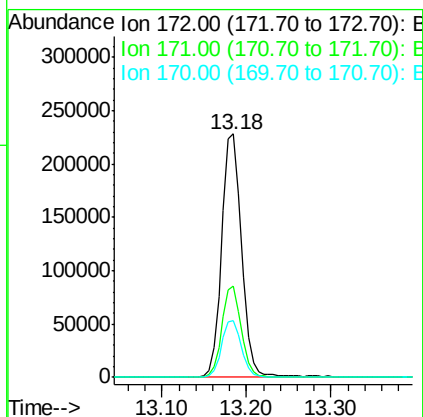
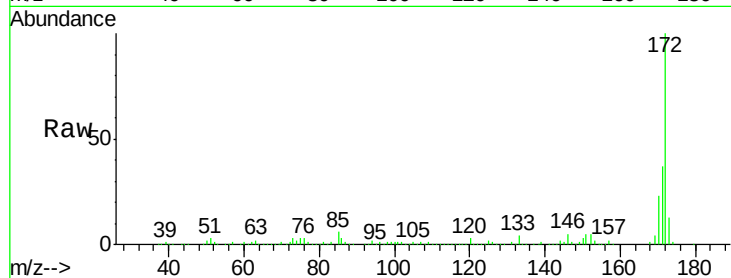




#45
2-Fluorobiphenyl
Concen: 26.057 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046550.D
Acq: 4 Sep 2020 21:21

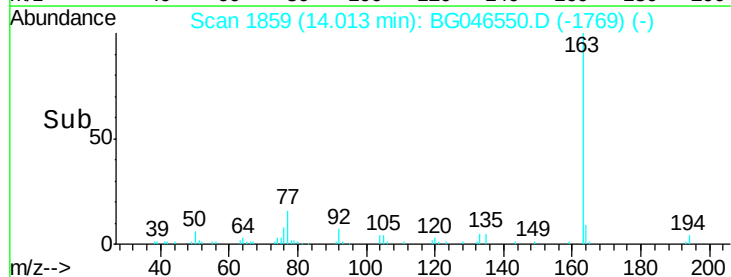
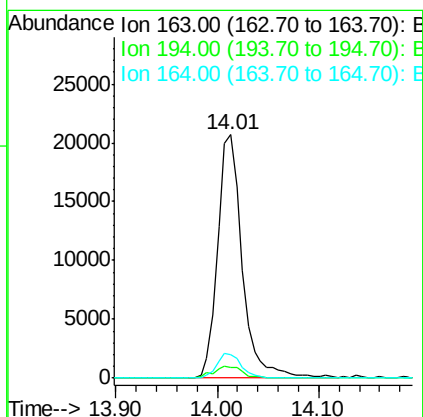
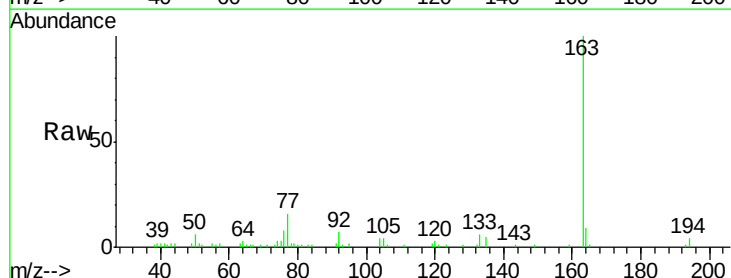
Instrument :
BNA_G
ClientSampleId :
9-2-TP-4

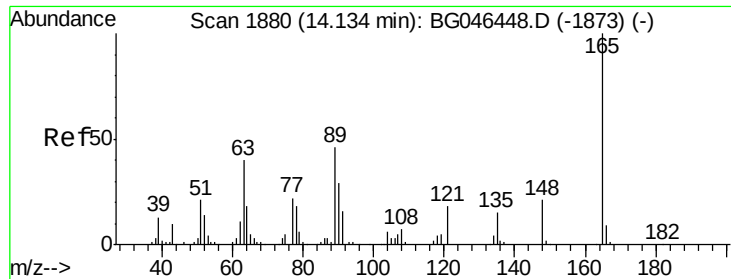
Tot Ion:172 Resp: 375044
Ion Ratio Lower Upper
172 100
171 37.3 31.8 47.6
170 23.4 20.3 30.5



#50
Dimethylphthalate
Concen: 2.059 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BG046550.D
Acq: 4 Sep 2020 21:21

Tgt Ion:163 Resp: 34999
Ion Ratio Lower Upper
163 100
194 4.2 3.7 5.5
164 9.4 8.6 12.8

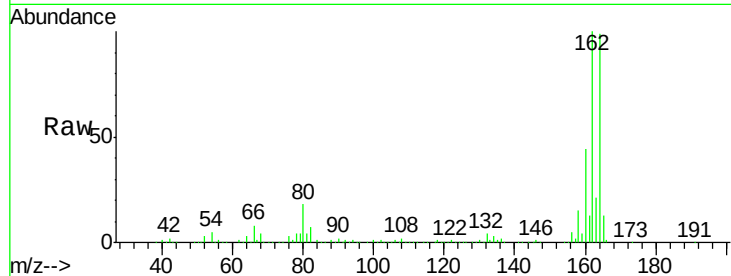




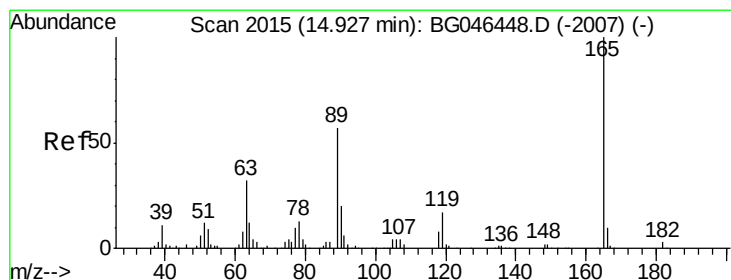
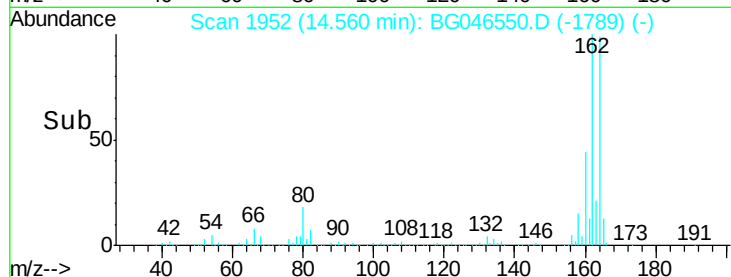
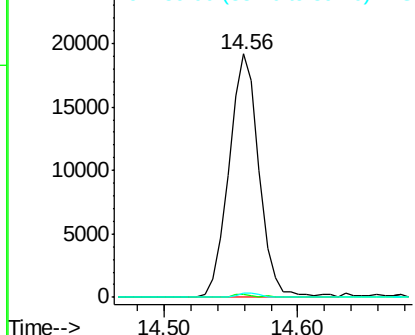
#51
 2,6-Dinitrotoluene
 Concen: 8.038 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. 0.43 min
 Lab File: BG046550.D
 Acq: 4 Sep 2020 21:21

Instrument :
 BNA_G
 ClientSampleId :
 9-2-TP-4

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.2	51.4#
89	1.9	37.0	55.4#



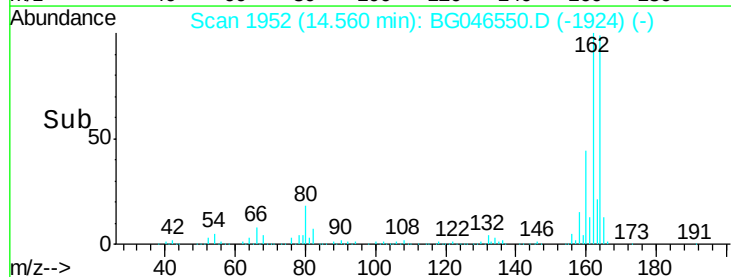
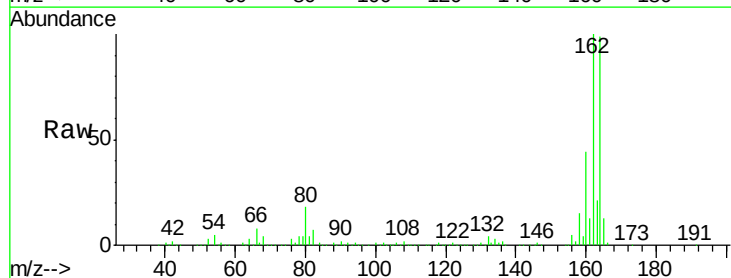
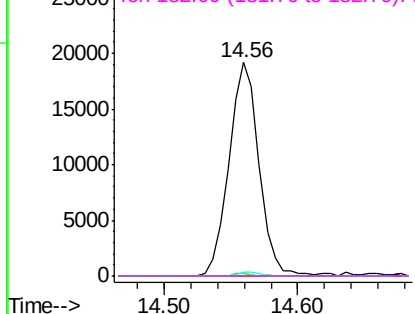
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

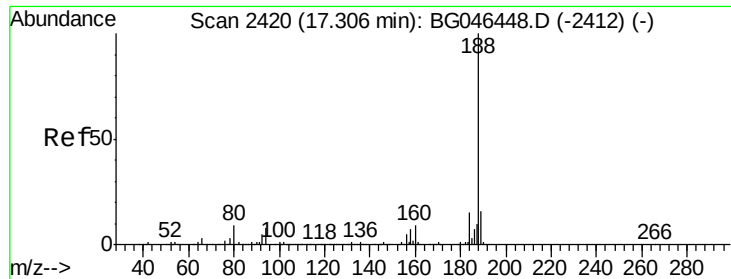


#57
 2,4-Dinitrotoluene
 Concen: 5.637 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046550.D
 Acq: 4 Sep 2020 21:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.9	45.9	68.9#
182	0.0	2.3	3.5#

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: 17.30 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG046550.D

Acq: 4 Sep 2020 21:21

Instrument :

BNA_G

ClientSampleId :

9-2-TP-4

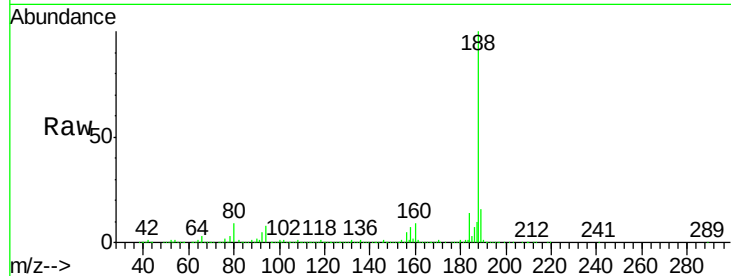
Tot Ion:188 Resp: 481310

Ion Ratio Lower Upper

188 100

94 7.6 6.3 9.5

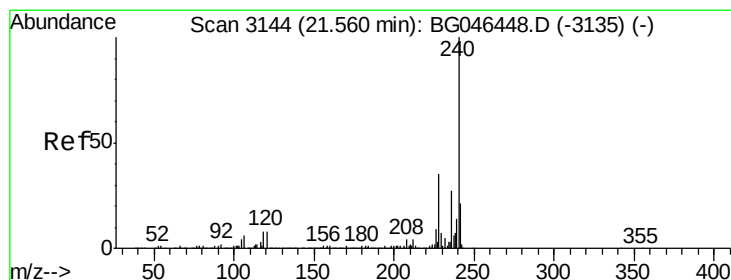
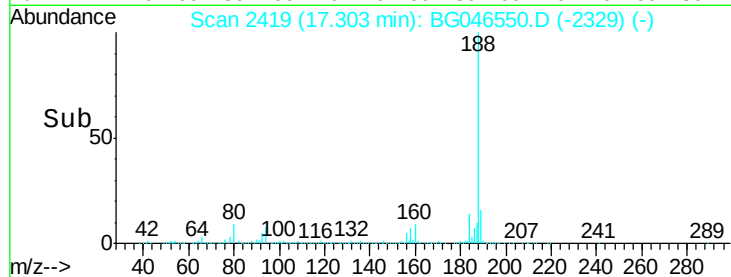
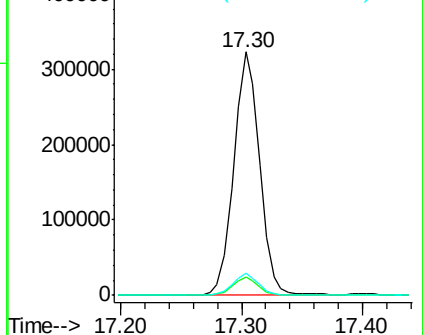
80 9.0 6.9 10.3



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046550.D

Acq: 4 Sep 2020 21:21

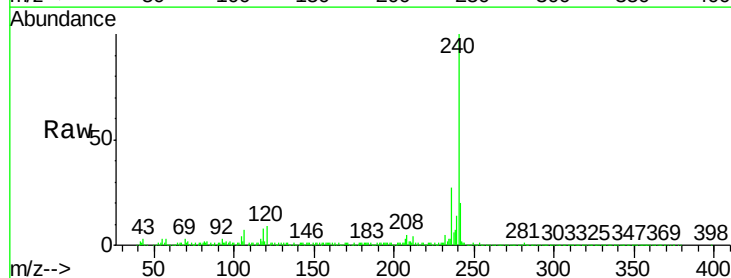
Tgt Ion:240 Resp: 458968

Ion Ratio Lower Upper

240 100

120 8.6 6.6 10.0

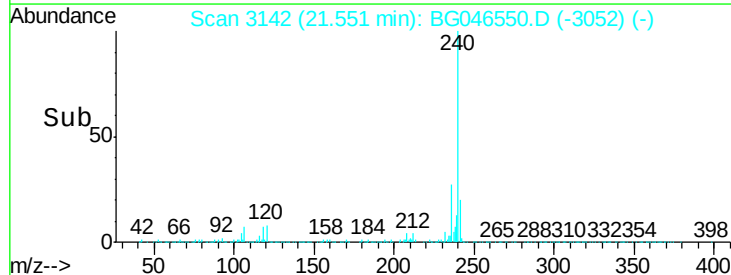
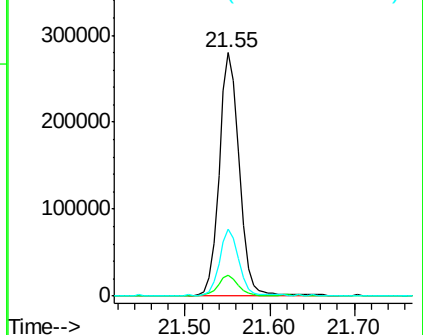
236 27.4 21.4 32.2

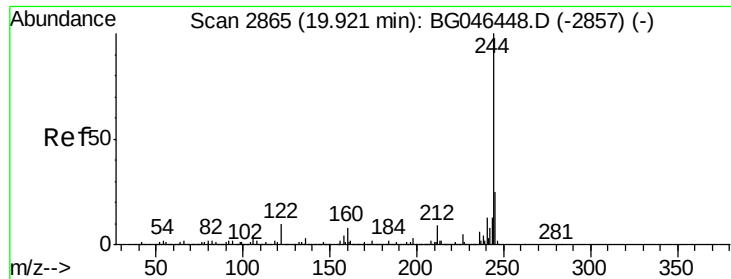


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 23.049 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046550.D

Acq: 4 Sep 2020 21:21

Instrument :

BNA_G

ClientSampleId :

9-2-TP-4

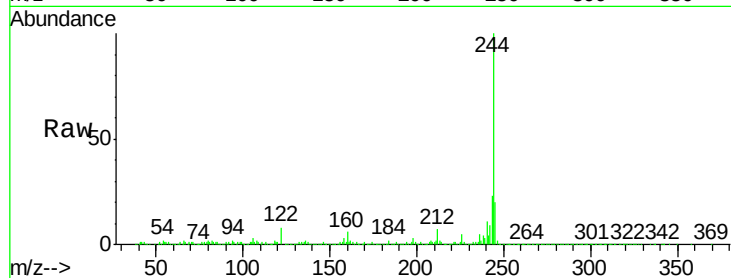
Tot Ion:244 Resp: 497086

Ion Ratio Lower Upper

244 100

212 7.3 6.9 10.3

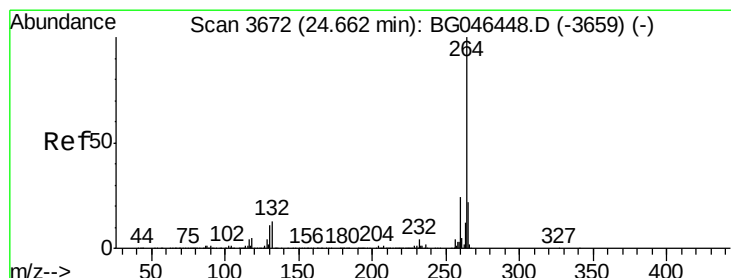
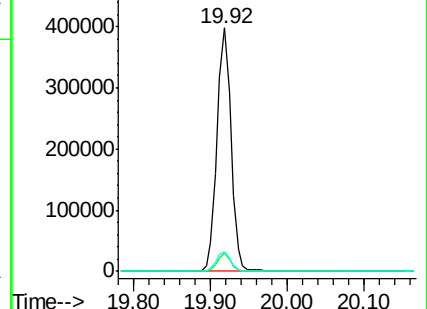
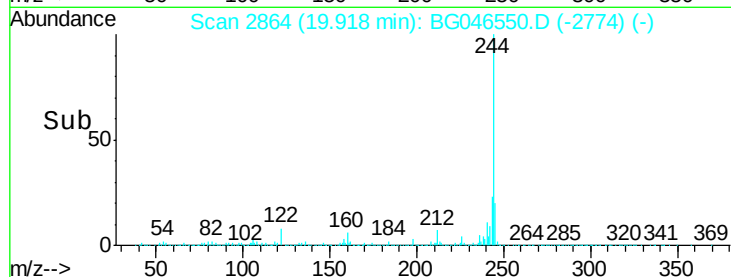
122 8.2 8.2 12.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3671

Delta R.T. 0.00 min

Lab File: BG046550.D

Acq: 4 Sep 2020 21:21

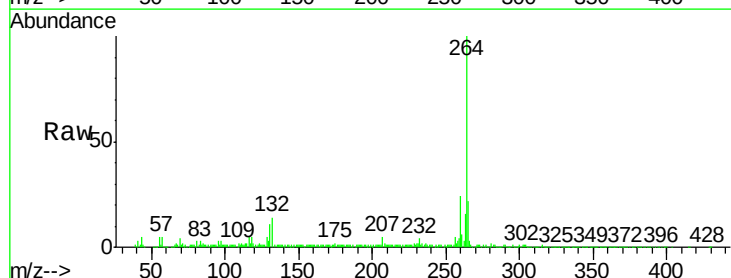
Tgt Ion:264 Resp: 456913

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.1 17.9 26.9



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

