

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
 Data File : BG046618.D
 Acq On : 15 Sep 2020 00:13
 Operator : CG/JU
 Sample : L3981-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Sep 15 01:30:10 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

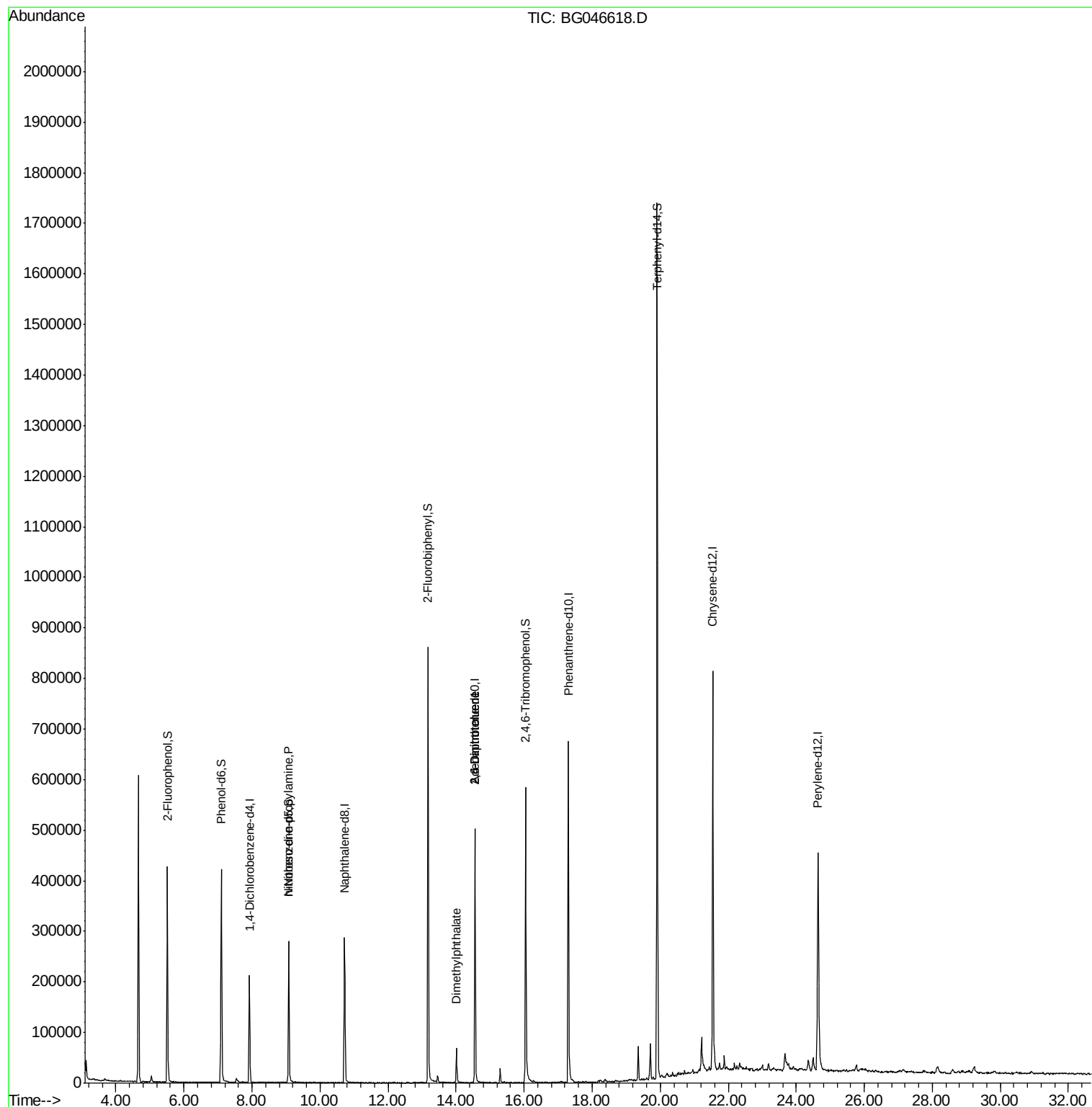
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	67534	20.00	ng	-0.01
21) Naphthalene-d8	10.72	136	281251	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	194133	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	476897	20.00	ng	0.00
76) Chrysene-d12	21.54	240	504875	20.00	ng	-0.01
86) Perylene-d12	24.64	264	495769	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	215477	56.51	ng	0.00
7) Phenol-d6	7.10	99	292847	54.18	ng	0.00
23) Nitrobenzene-d5	9.08	82	189708	38.55	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	137565	52.30	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	516697	40.63	ng	-0.01
79) Terphenyl-d14	19.91	244	845328	35.63	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	23685	7.326	ng	# 76
50) Dimethylphthalate	14.01	163	63930	4.257	ng	100
51) 2,6-Dinitrotoluene	14.56	165	26092	7.881	ng	# 34
57) 2,4-Dinitrotoluene	14.56	165	26092	5.527	ng	# 33

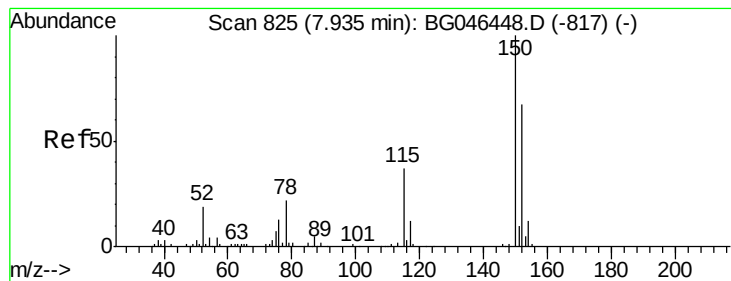
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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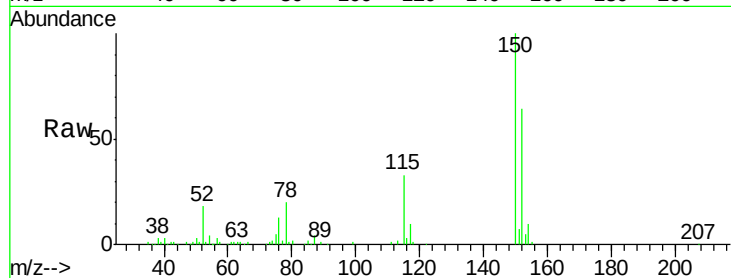


#1

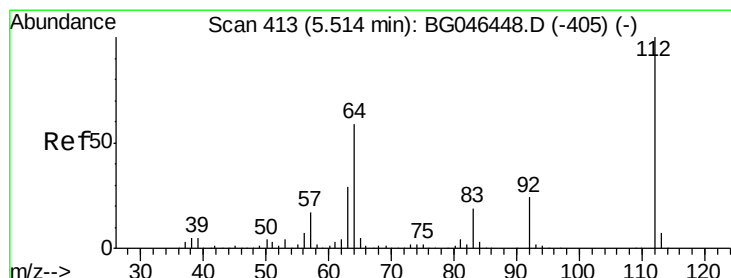
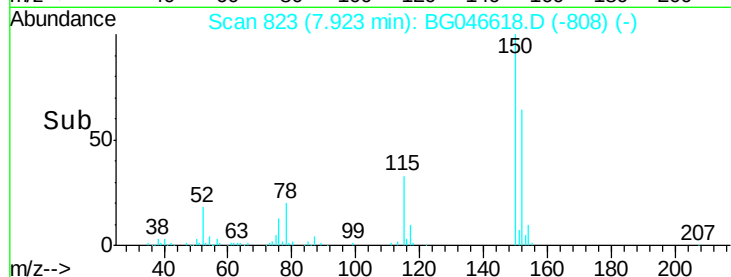
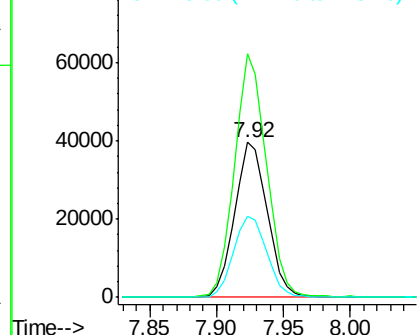
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046618.D
Acq: 15 Sep 2020 00:13

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tot Ion:152 Resp: 67534
Ion Ratio Lower Upper
152 100
150 156.9 119.5 179.3
115 52.5 44.3 66.5



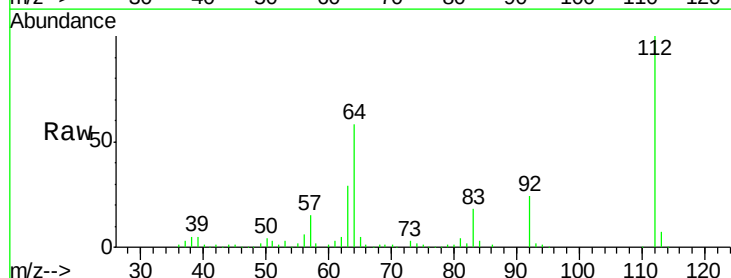
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



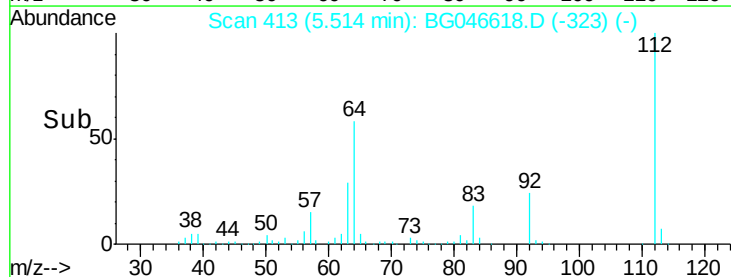
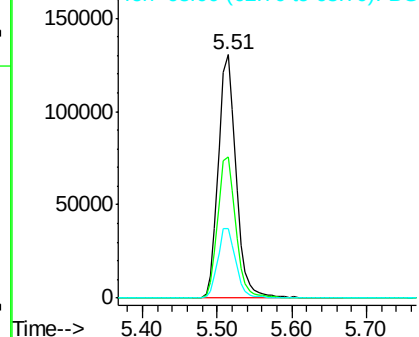
#5

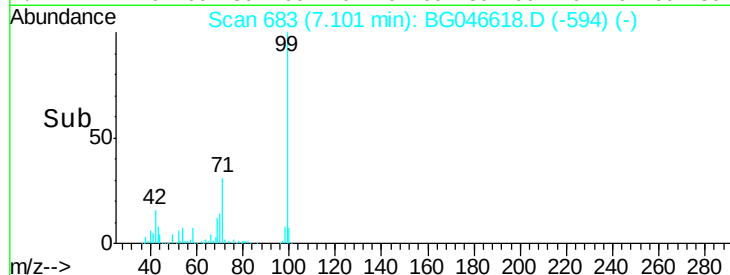
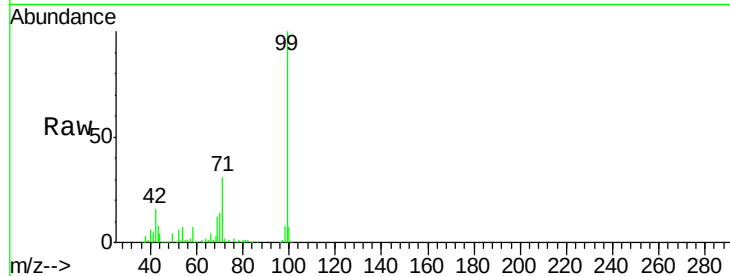
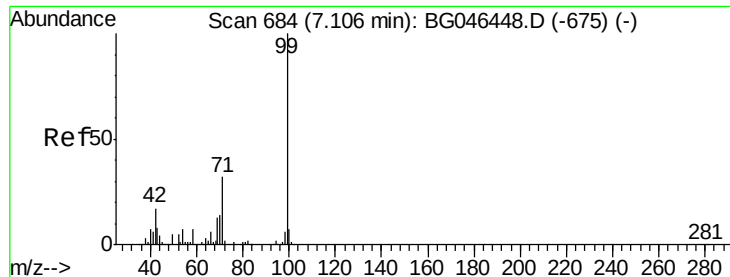
2-Fluorophenol
Concen: 56.512 ng
RT: 5.51 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046618.D
Acq: 15 Sep 2020 00:13

Tgt Ion:112 Resp: 215477
Ion Ratio Lower Upper
112 100
64 57.9 47.0 70.6
63 28.7 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: 54.179 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046618.D

Acq: 15 Sep 2020 00:13

Instrument :

BNA_G

ClientSampleId :

DFTPP

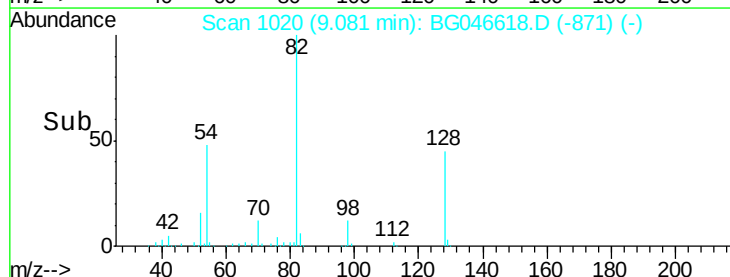
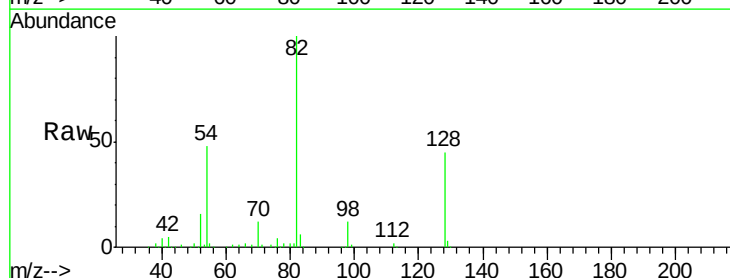
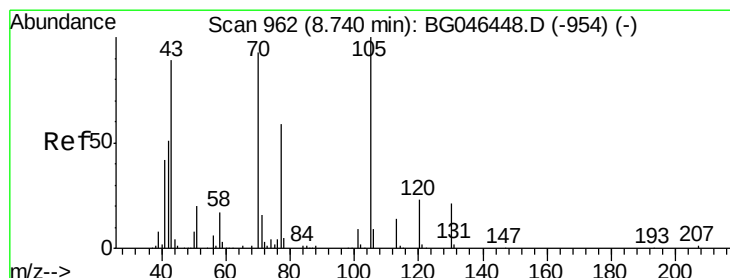
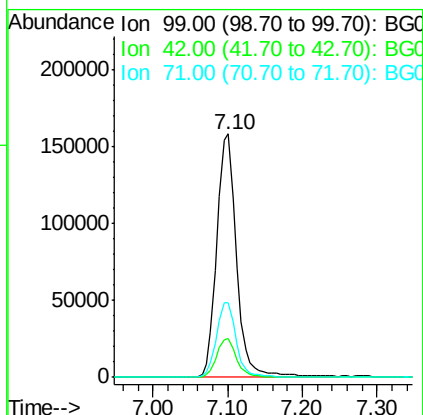
Tot Ion: 99 Resp: 292847

Ion Ratio Lower Upper

99 100

42 15.9 13.3 19.9

71 30.6 25.3 37.9



#19

n-Nitroso-di-n-propylamine

Concen: 7.326 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046618.D

Acq: 15 Sep 2020 00:13

Tgt Ion: 70 Resp: 23685

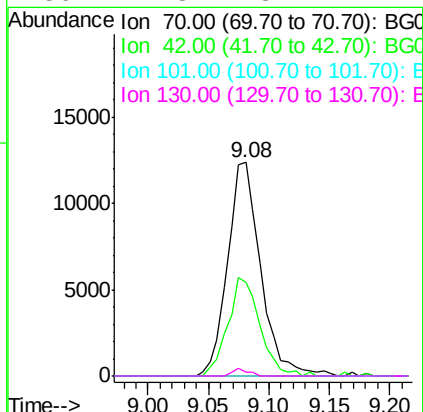
Ion Ratio Lower Upper

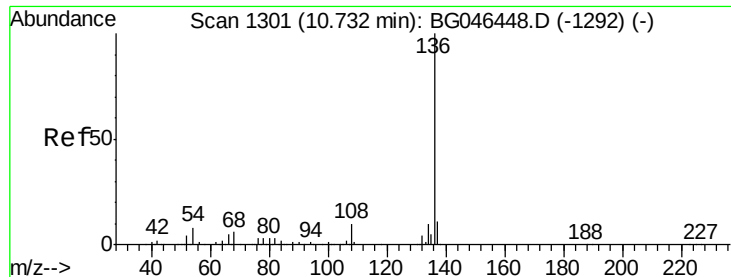
70 100

42 43.8 44.2 66.2#

101 0.0 7.8 11.8#

130 1.8 18.2 27.4#

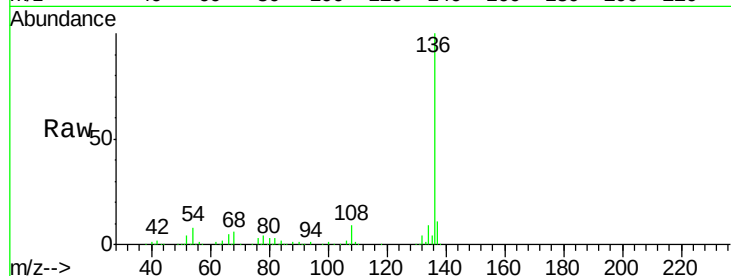




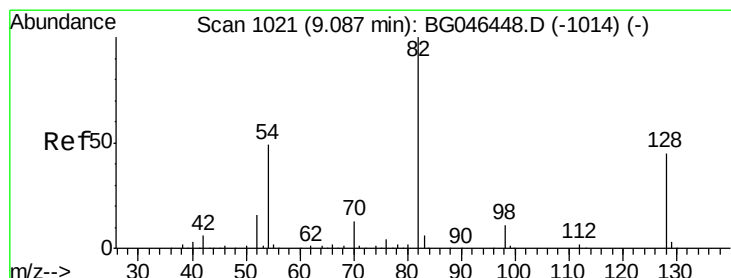
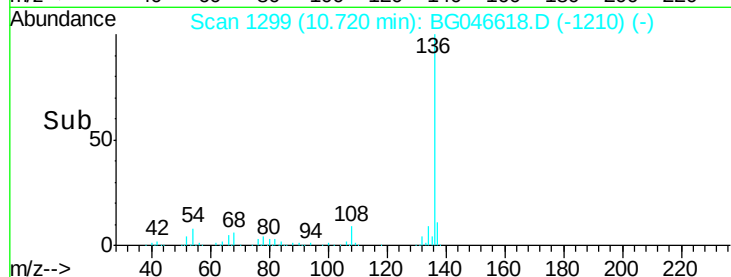
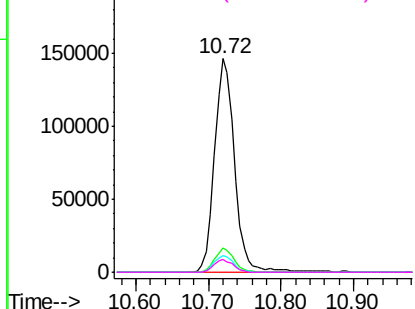
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG046618.D
Acq: 15 Sep 2020 00:13

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tot Ion:136	Resp:	281251
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.8 13.2
54	7.9	6.1 9.1
68	5.7	4.8 7.2

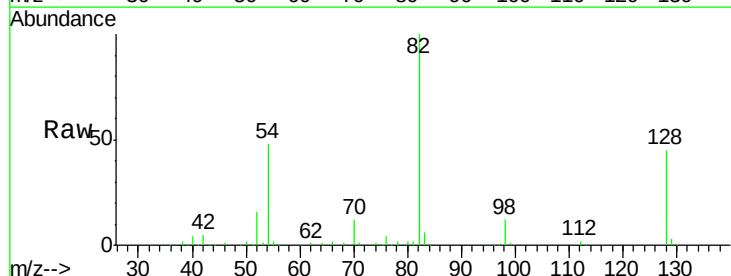


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

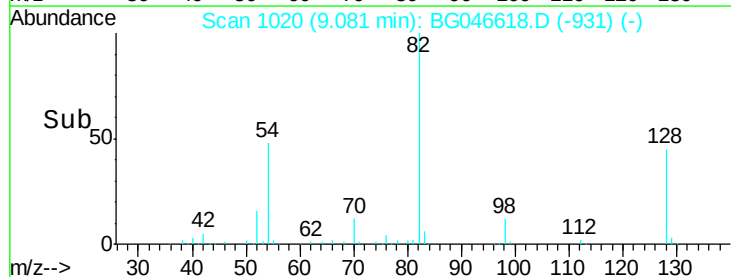
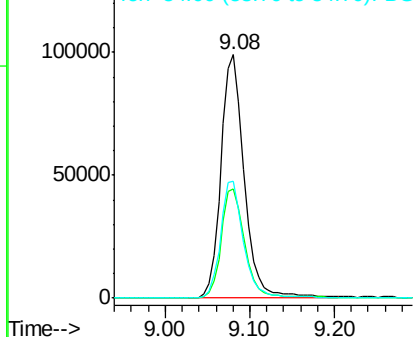


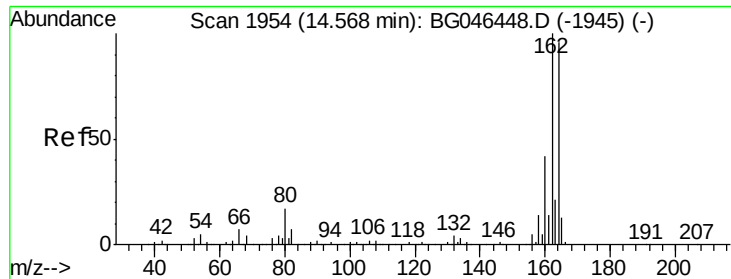
#23
Nitrobenzene-d5
Concen: 38.552 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG046618.D
Acq: 15 Sep 2020 00:13

Tgt Ion: 82	Resp:	189708
Ion	Ratio	Lower Upper
82	100	
128	45.0	35.7 53.5
54	47.8	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

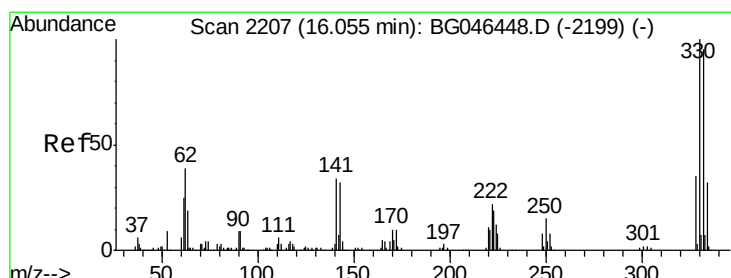
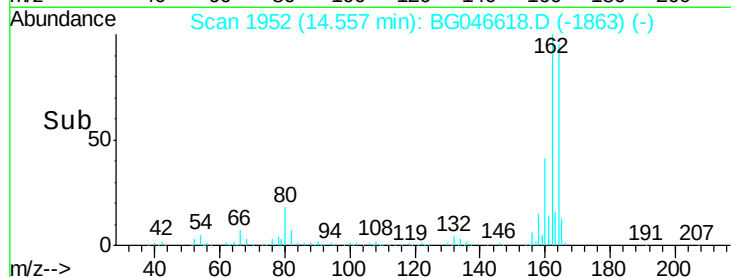
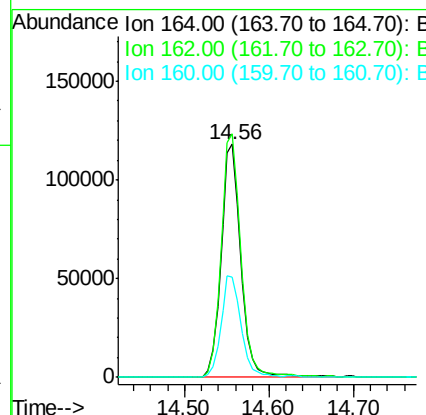
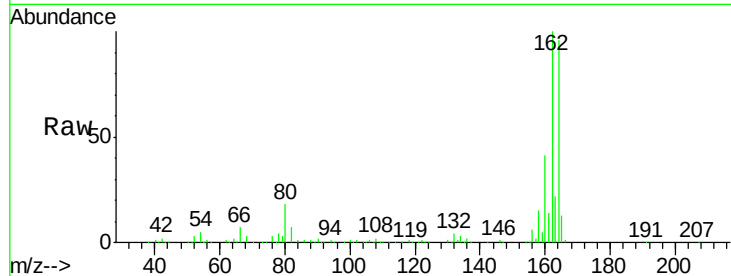




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG046618.D
Acq: 15 Sep 2020 00:13

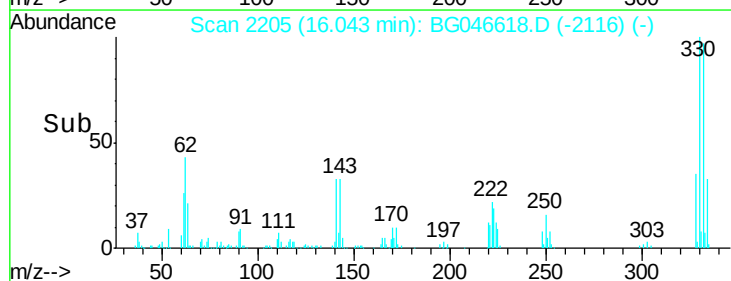
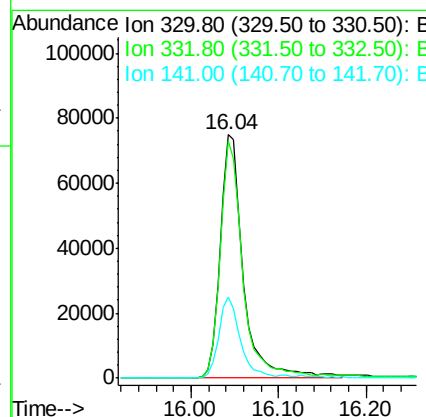
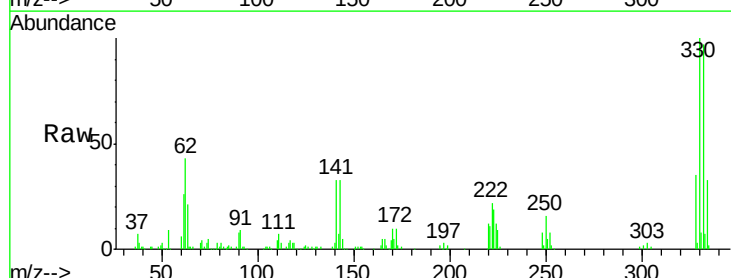
Instrument :
BNA_G
ClientSampleId :
DFTPP

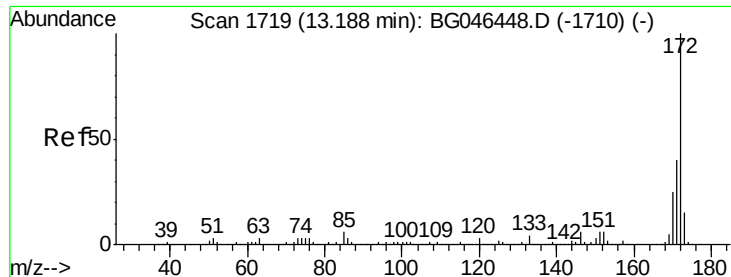
Tot Ion:164 Resp: 194133
Ion Ratio Lower Upper
164 100
162 104.4 83.3 124.9
160 43.2 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 52.299 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG046618.D
Acq: 15 Sep 2020 00:13

Tgt Ion:330 Resp: 137565
Ion Ratio Lower Upper
330 100
332 96.1 76.1 114.1
141 31.6 26.1 39.1

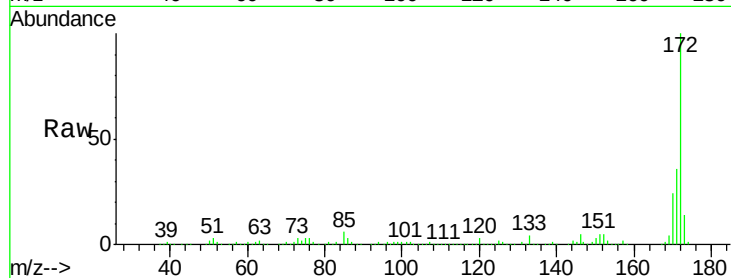




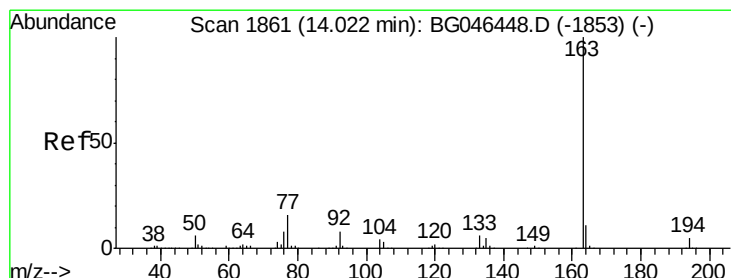
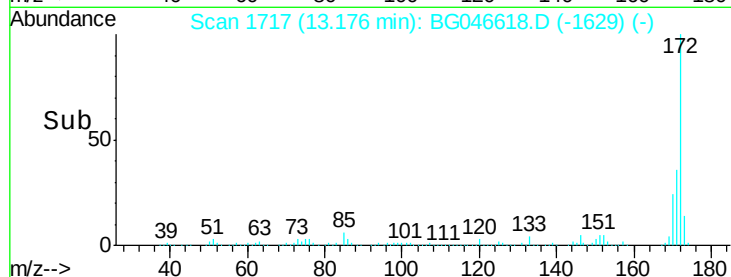
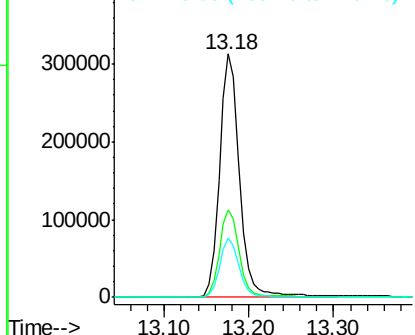
#45
2-Fluorobiphenyl
Concen: 40.630 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG046618.D
Acq: 15 Sep 2020 00:13

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tot Ion:172 Resp: 516697
Ion Ratio Lower Upper
172 100
171 36.0 31.8 47.6
170 24.2 20.3 30.5

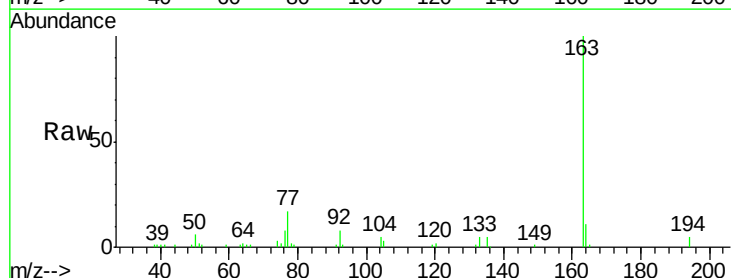


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

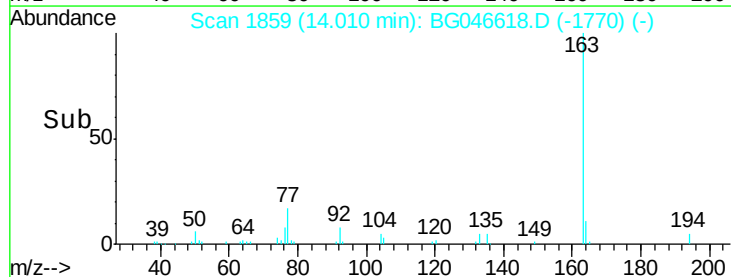
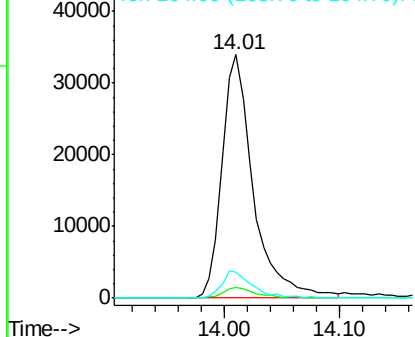


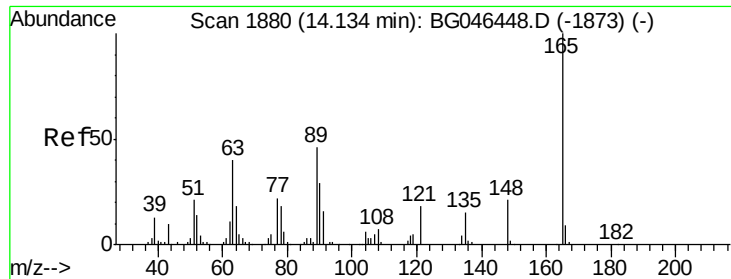
#50
Dimethylphthalate
Concen: 4.257 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG046618.D
Acq: 15 Sep 2020 00:13

Tgt Ion:163 Resp: 63930
Ion Ratio Lower Upper
163 100
194 4.6 3.7 5.5
164 10.8 8.6 12.8



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

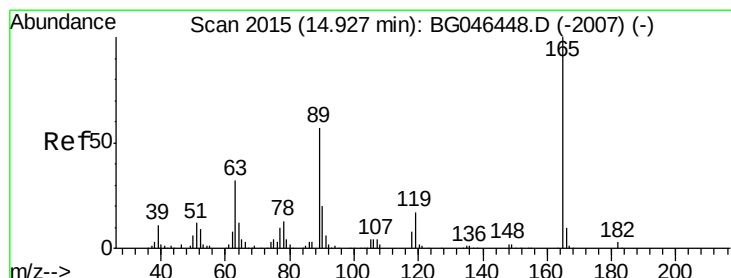
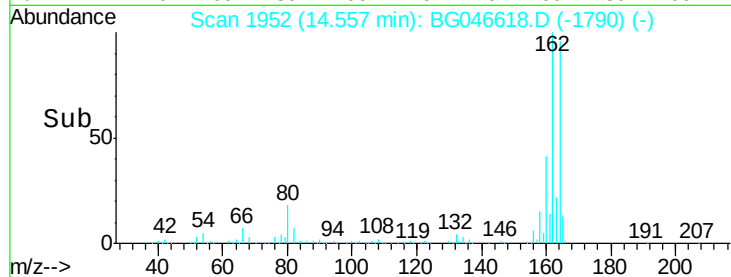
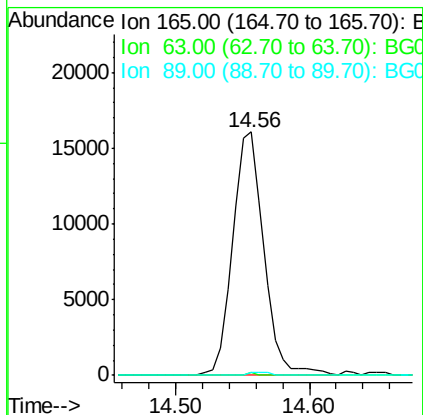
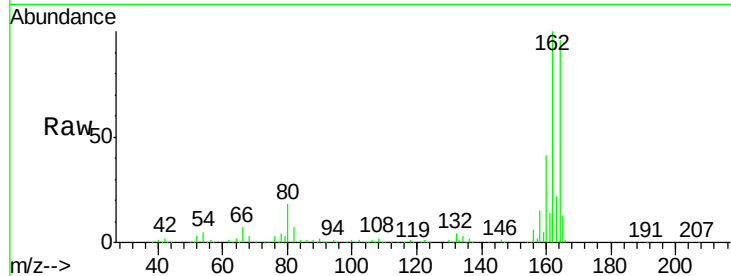




#51
 2,6-Dinitrotoluene
 Concen: 7.881 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. 0.42 min
 Lab File: BG046618.D
 Acq: 15 Sep 2020 00:13

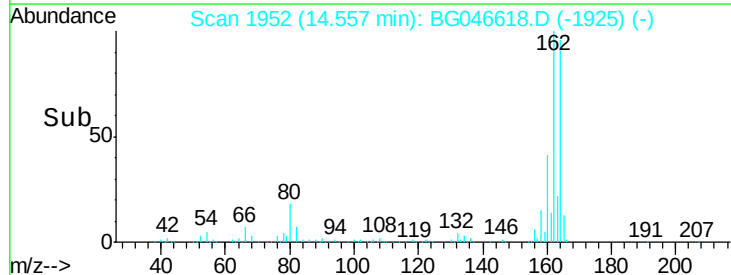
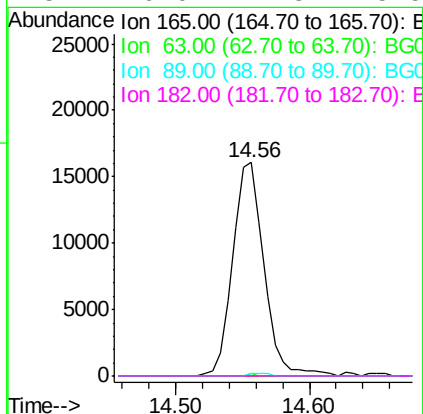
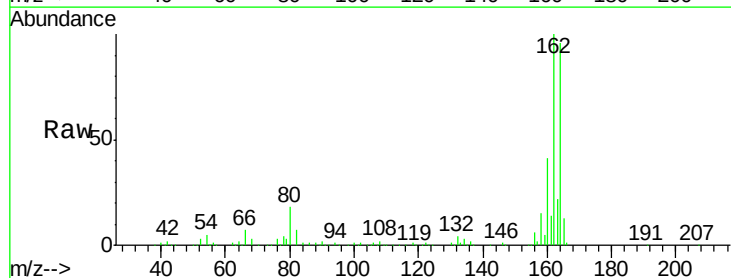
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

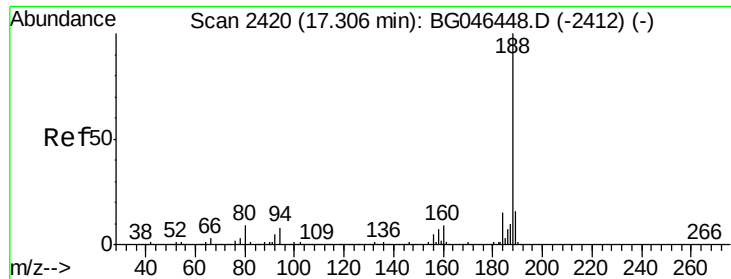
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.2	51.4#
89	1.2	37.0	55.4#



#57
 2,4-Dinitrotoluene
 Concen: 5.527 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046618.D
 Acq: 15 Sep 2020 00:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	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: BG046618.D

Acq: 15 Sep 2020 00:13

Instrument :

BNA_G

ClientSampleId :

DFTPP

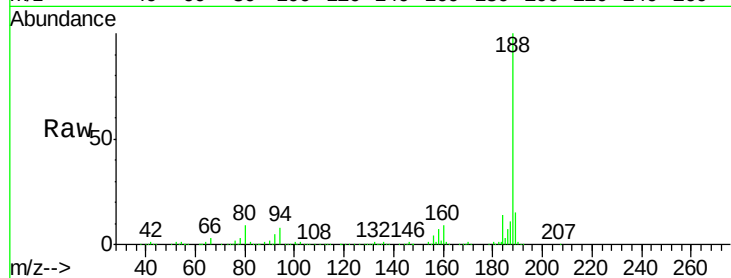
Tot Ion:188 Resp: 476897

Ion Ratio Lower Upper

188 100

94 7.7 6.3 9.5

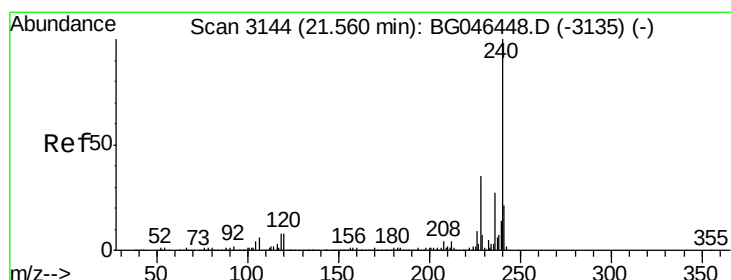
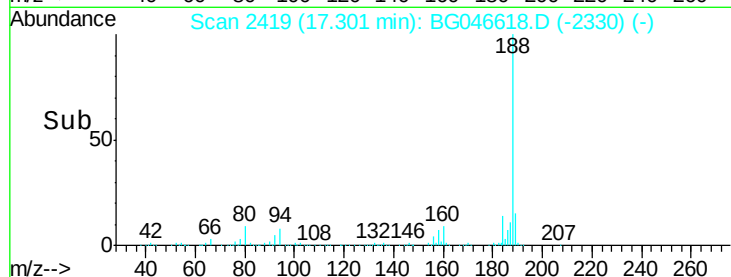
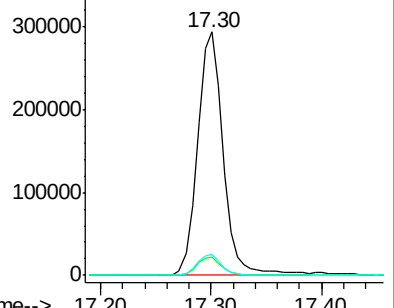
80 8.6 6.9 10.3



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: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG046618.D

Acq: 15 Sep 2020 00:13

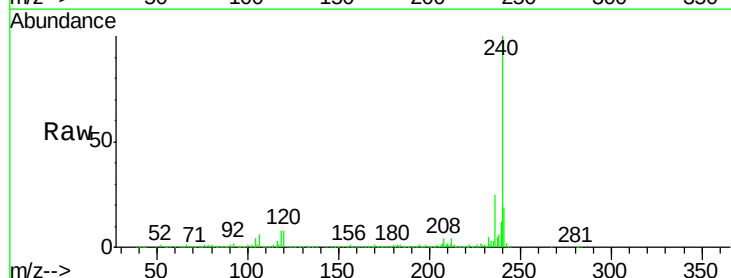
Tgt Ion:240 Resp: 504875

Ion Ratio Lower Upper

240 100

120 8.0 6.6 10.0

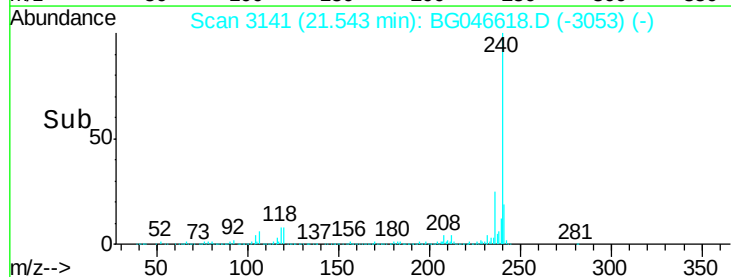
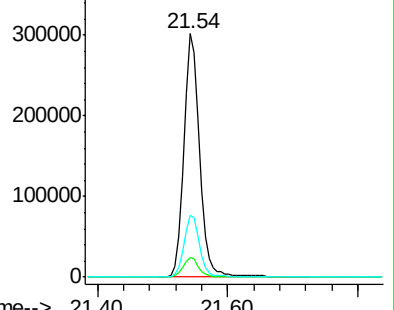
236 25.2 21.4 32.2

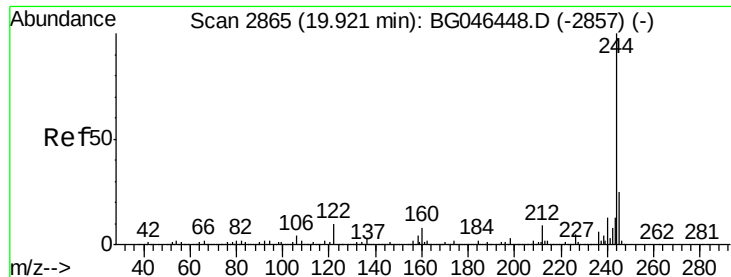


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 35.633 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG046618.D

Acq: 15 Sep 2020 00:13

Instrument :

BNA_G

ClientSampleId :

DFTPP

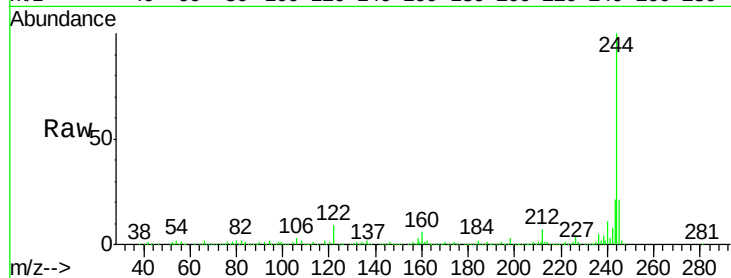
Tot Ion:244 Resp: 845328

Ion Ratio Lower Upper

244 100

212 7.3 6.9 10.3

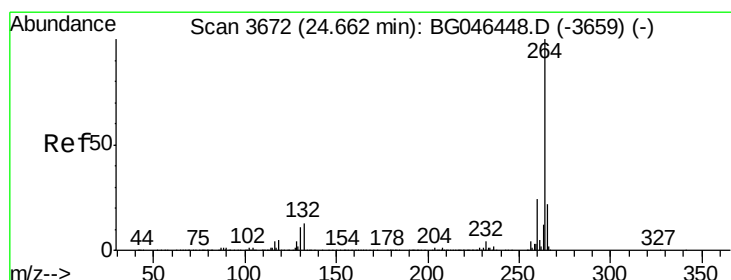
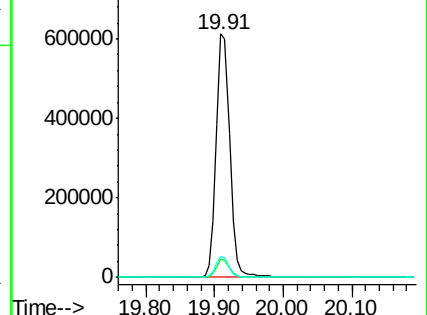
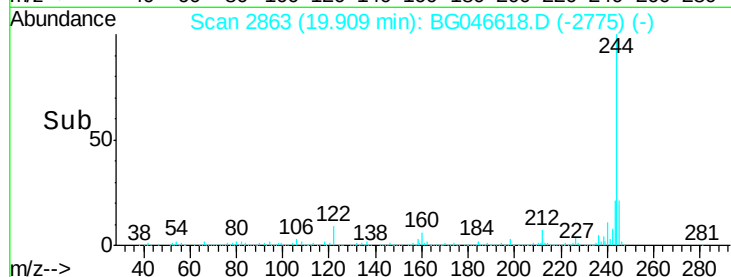
122 8.8 8.2 12.4



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: 24.64 min Scan# 3668

Delta R.T. -0.02 min

Lab File: BG046618.D

Acq: 15 Sep 2020 00:13

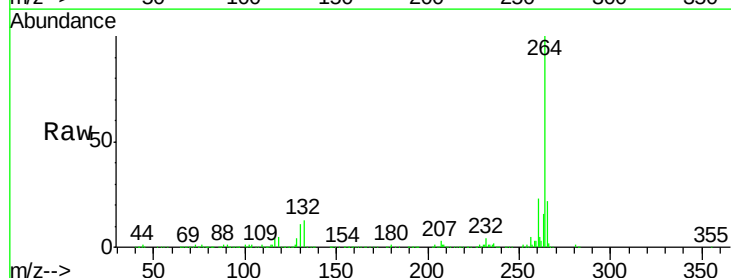
Tgt Ion:264 Resp: 495769

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.3 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

