

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081120\
 Data File : BG046218.D
 Acq On : 11 Aug 2020 15:25
 Operator : CG/JU
 Sample : L3624-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-1

Quant Time: Aug 11 16:49:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

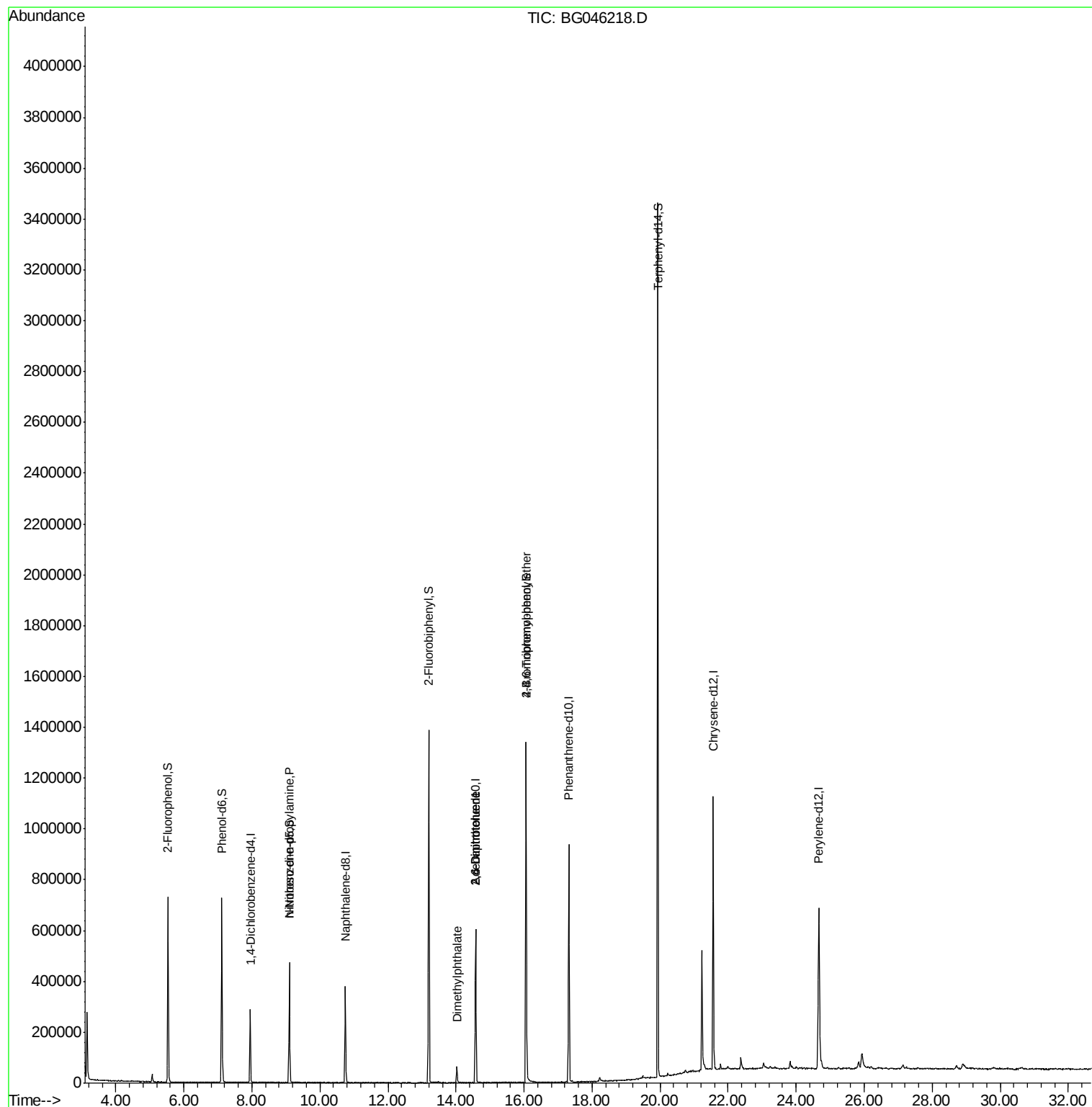
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	86734	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	336089	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	231323	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	610507	20.00	ng	-0.01
76) Chrysene-d12	21.56	240	670285	20.00	ng	-0.01
86) Perylene-d12	24.67	264	694385	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	333246	66.79	ng	0.00
7) Phenol-d6	7.12	99	445502	65.52	ng	0.00
23) Nitrobenzene-d5	9.10	82	291278	46.92	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	328647	92.50	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	772154	48.49	ng	0.00
79) Terphenyl-d14	19.93	244	1514082	46.00	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	37213	8.409	ng	Qvalue # 73
50) Dimethylphthalate	14.03	163	53750	3.027	ng	97
51) 2,6-Dinitrotoluene	14.58	165	30314	7.336	ng	# 29
57) 2,4-Dinitrotoluene	14.58	165	30314	5.336	ng	# 29
67) 4-Bromophenyl-phenylether	16.06	248	19559	2.593	ng	# 1

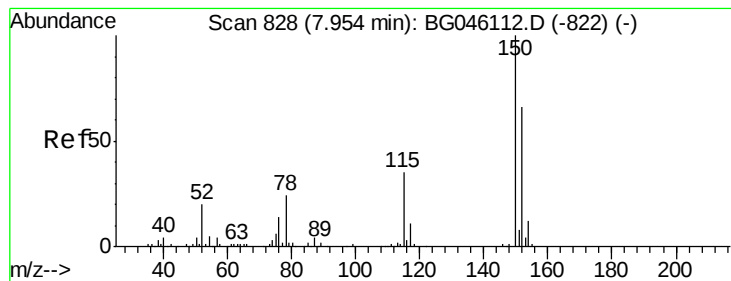
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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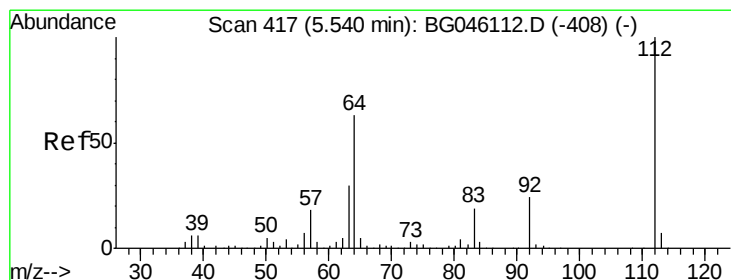
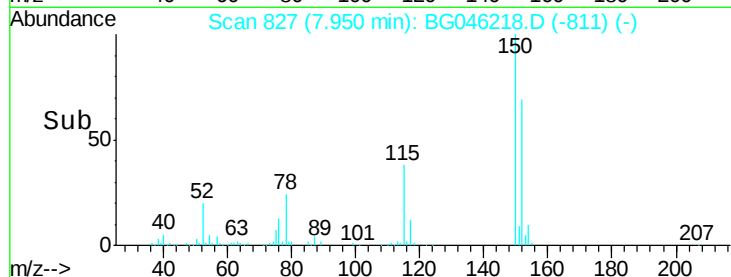
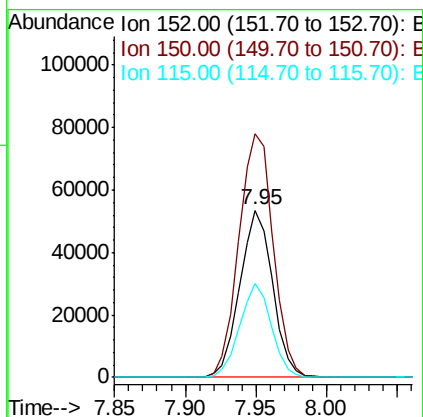
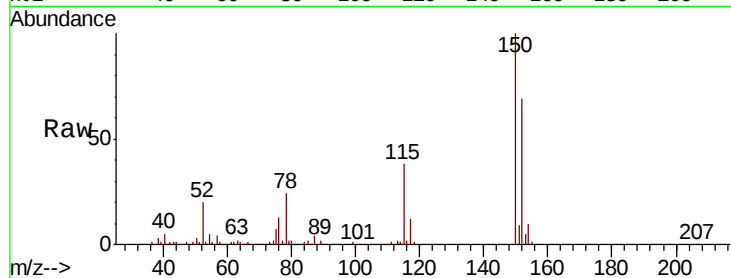


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG046218.D
Acq: 11 Aug 2020 15:25

Instrument :
BNA_G
ClientSampleId :
SS-TP-1

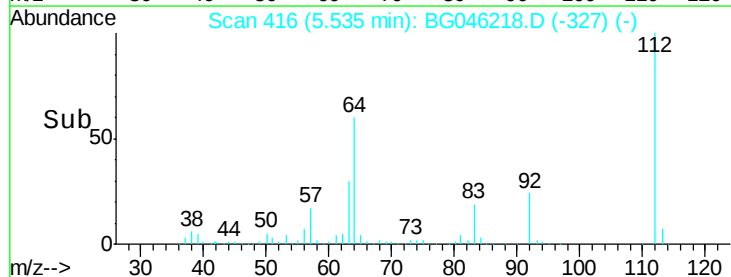
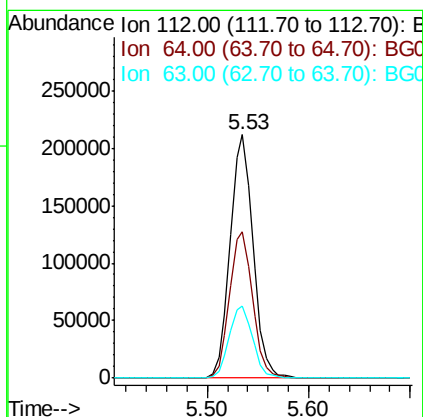
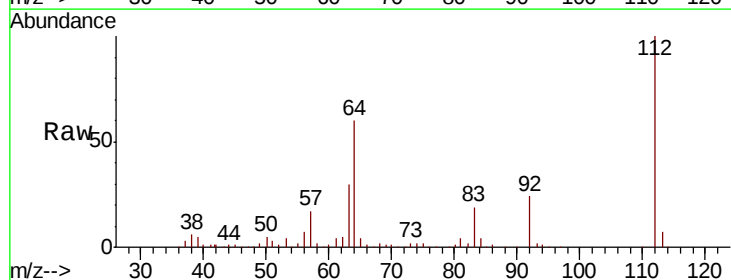
Tot Ion:152 Resp: 86734
Ion Ratio Lower Upper
152 100
150 145.4 122.1 183.1
115 55.9 43.2 64.8

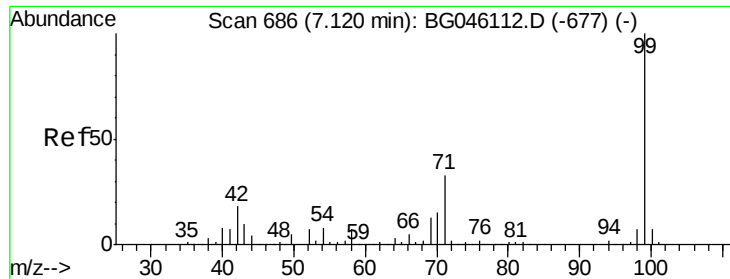


#5

2-Fluorophenol
Concen: 66.791 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG046218.D
Acq: 11 Aug 2020 15:25

Tgt Ion:112 Resp: 333246
Ion Ratio Lower Upper
112 100
64 60.3 50.2 75.2
63 29.7 24.2 36.4





#7

Phenol-d6

Concen: 65.516 ng

RT: 7.12 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG046218.D

Acq: 11 Aug 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SS-TP-1

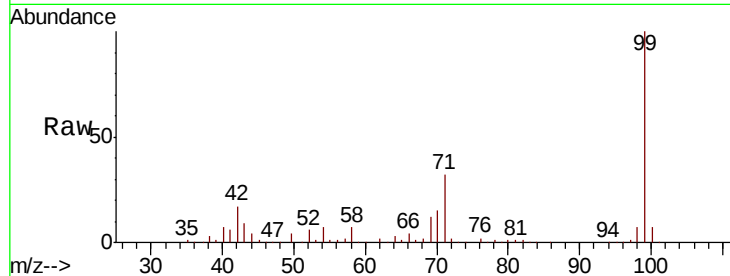
Tot Ion: 99 Resp: 445502

Ion Ratio Lower Upper

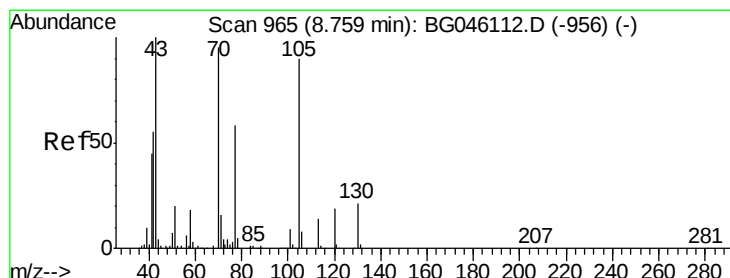
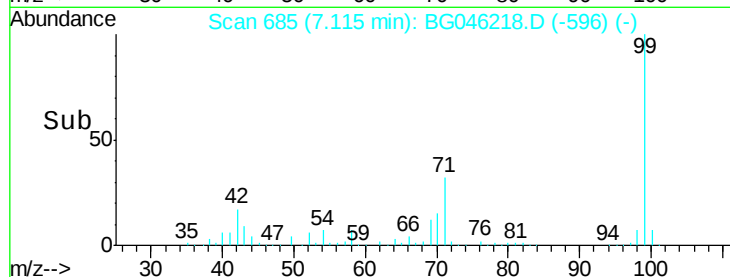
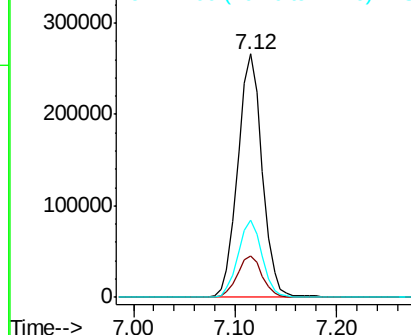
99 100

42 17.1 14.7 22.1

71 31.8 26.5 39.7



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: 8.409 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.34 min

Lab File: BG046218.D

Acq: 11 Aug 2020 15:25

Tgt Ion: 70 Resp: 37213

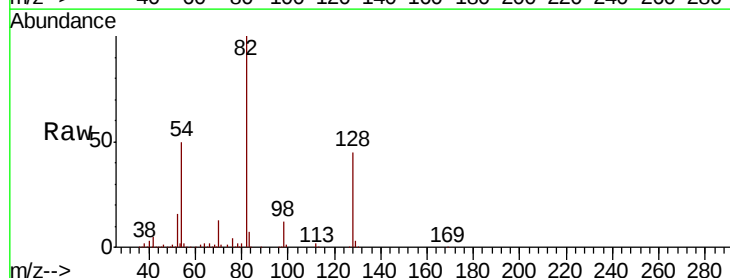
Ion Ratio Lower Upper

70 100

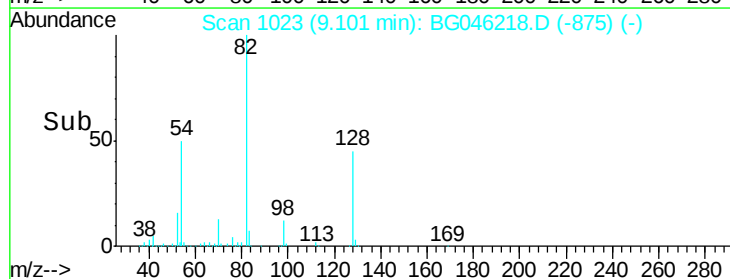
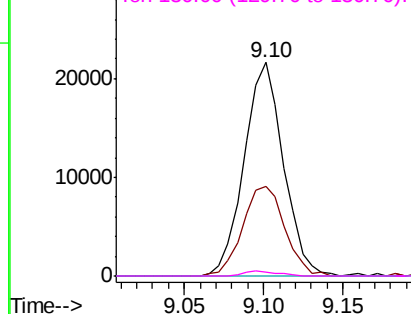
42 41.7 46.5 69.7#

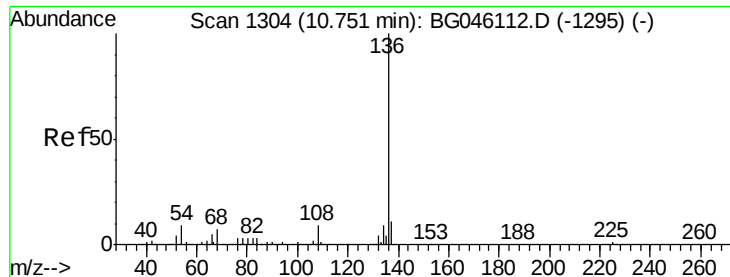
101 0.0 7.6 11.4#

130 1.8 17.3 25.9#



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

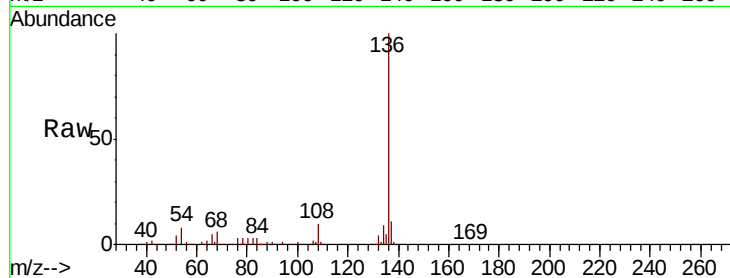




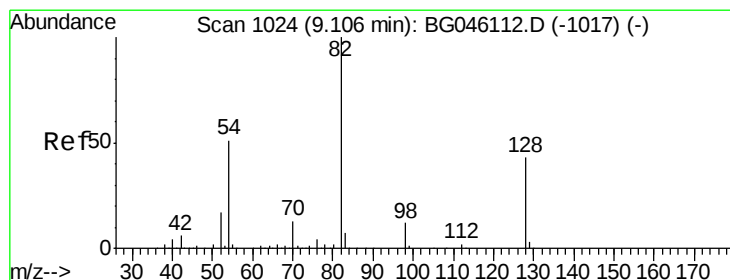
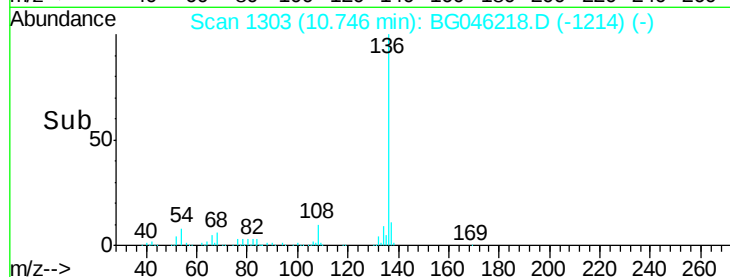
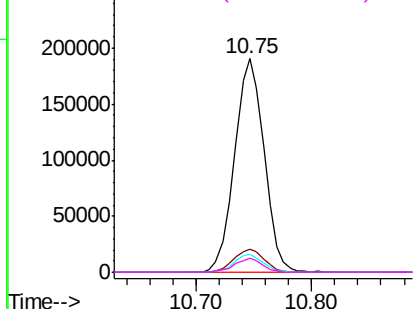
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG046218.D
Acq: 11 Aug 2020 15:25

Instrument :
BNA_G
ClientSampleId :
SS-TP-1

Tot Ion:136	Resp:	336089
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.8 13.2
54	8.3	7.0 10.4
68	6.5	5.3 7.9

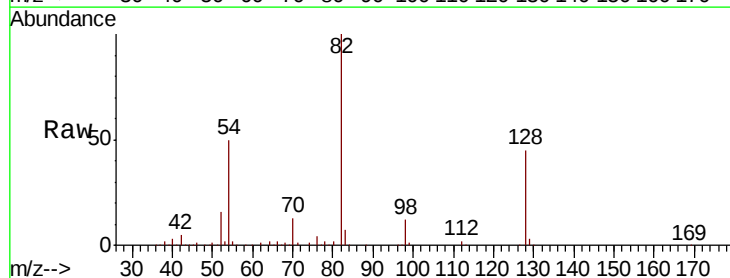


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

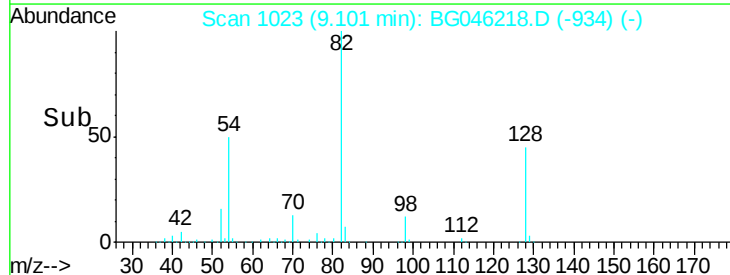
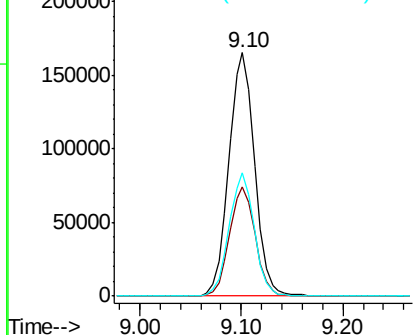


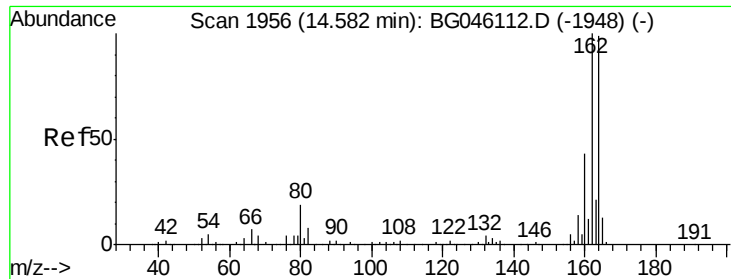
#23
Nitrobenzene-d5
Concen: 46.924 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG046218.D
Acq: 11 Aug 2020 15:25

Tgt Ion: 82	Resp:	291278
Ion	Ratio	Lower Upper
82	100	
128	45.0	34.4 51.6
54	50.4	40.8 61.2



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: 14.58 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG046218.D

Acq: 11 Aug 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SS-TP-1

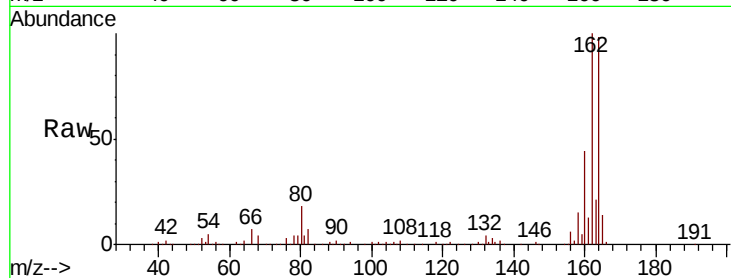
Tot Ion:164 Resp: 231323

Ion Ratio Lower Upper

164 100

162 101.5 80.6 121.0

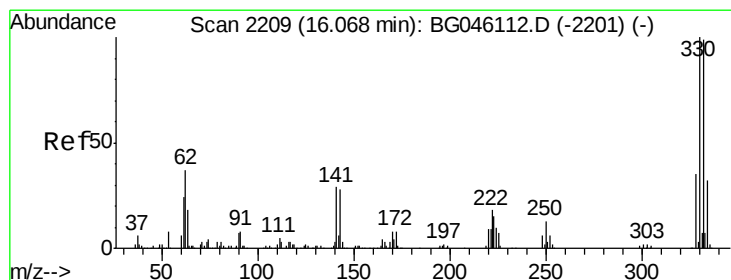
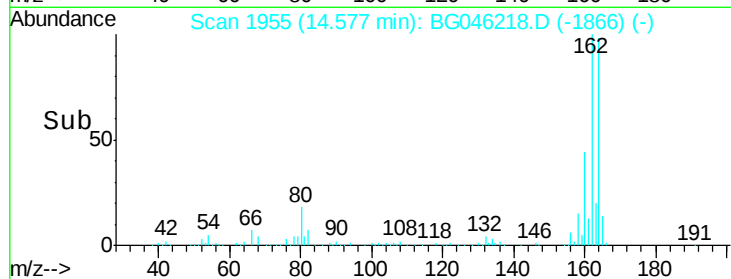
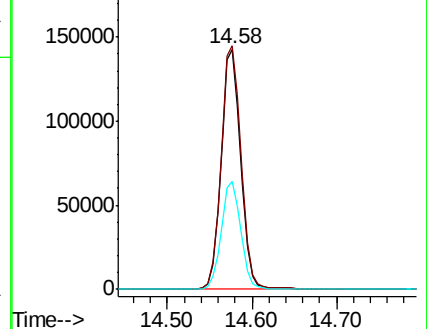
160 44.8 34.9 52.3



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: 92.496 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BG046218.D

Acq: 11 Aug 2020 15:25

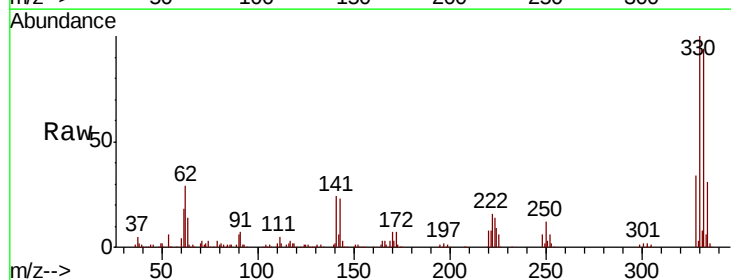
Tgt Ion:330 Resp: 328647

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.2

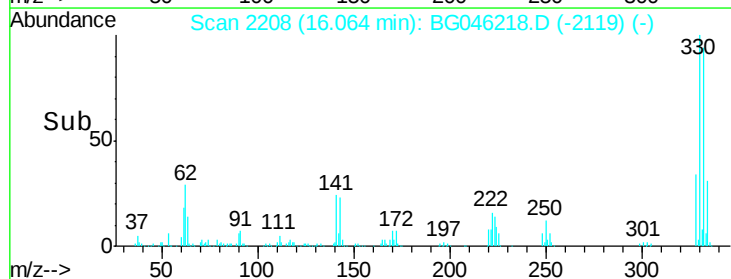
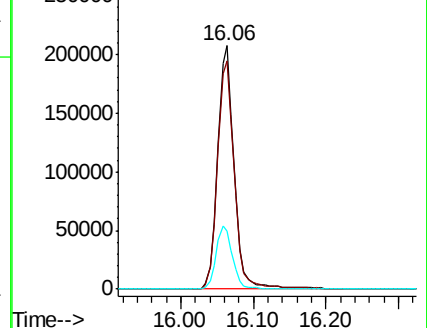
141 26.0 23.4 35.0

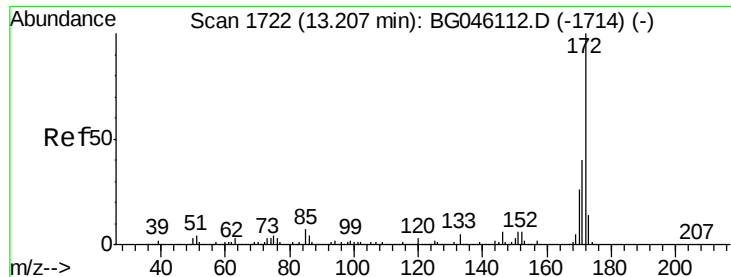


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

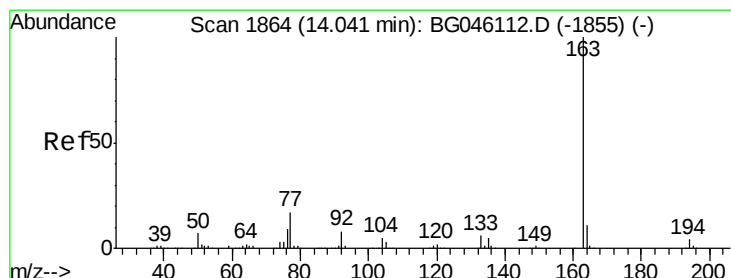
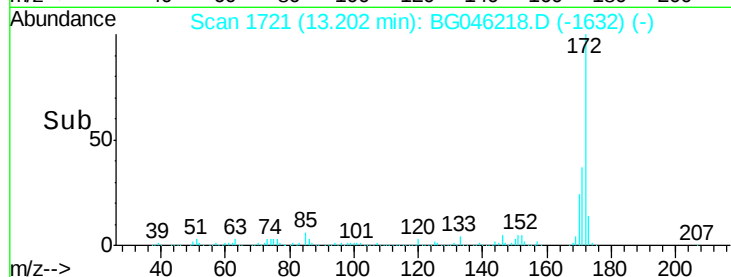
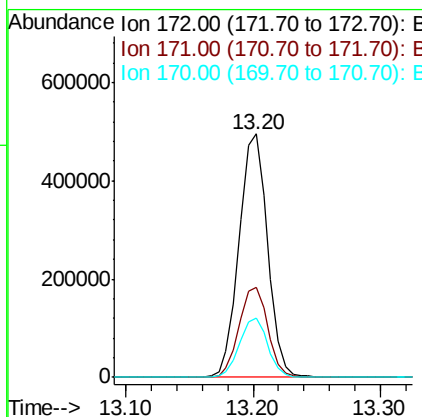
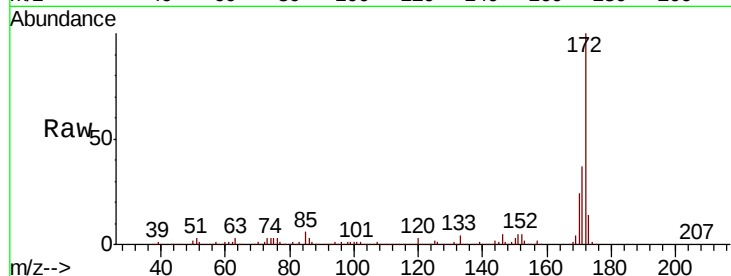




#45
2-Fluorobiphenyl
Concen: 48.489 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.00 min
Lab File: BG046218.D
Acq: 11 Aug 2020 15:25

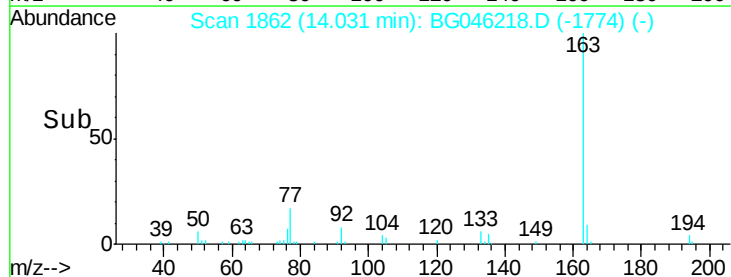
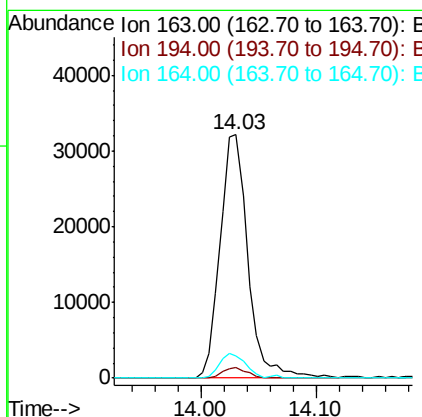
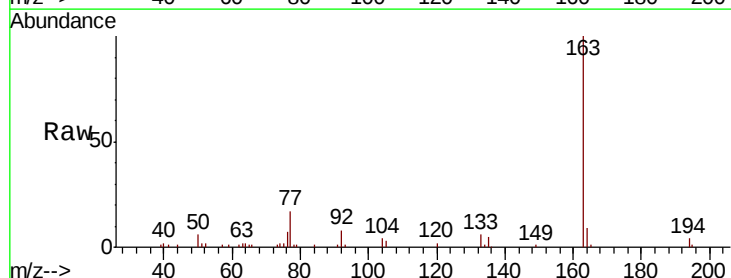
Instrument :
BNA_G
ClientSampleId :
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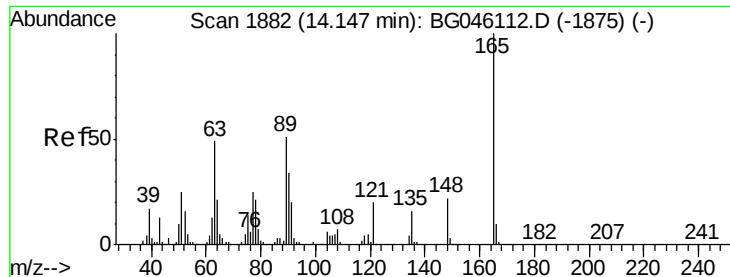
Tot Ion:172 Resp: 772154
Ion Ratio Lower Upper
172 100
171 37.1 31.7 47.5
170 24.3 20.9 31.3



#50
Dimethylphthalate
Concen: 3.027 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG046218.D
Acq: 11 Aug 2020 15:25

Tgt Ion:163 Resp: 53750
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 9.2 8.8 13.2





#51

2,6-Dinitrotoluene

Concen: 7.336 ng

RT: 14.58 min Scan# 1955

Delta R.T. 0.43 min

Lab File: BG046218.D

Acq: 11 Aug 2020 15:25

Instrument :

BNA_G

ClientSampled :

SS-TP-1

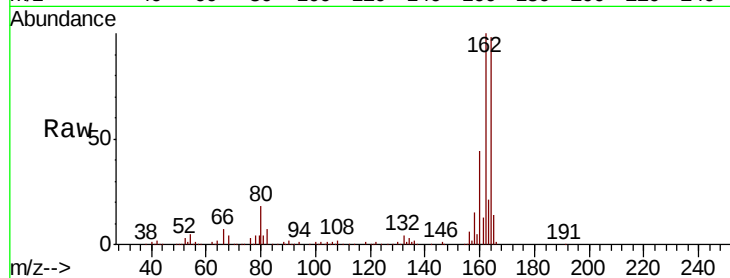
Tot Ion:165 Resp: 30314

Ion Ratio Lower Upper

165 100

63 0.9 39.7 59.5#

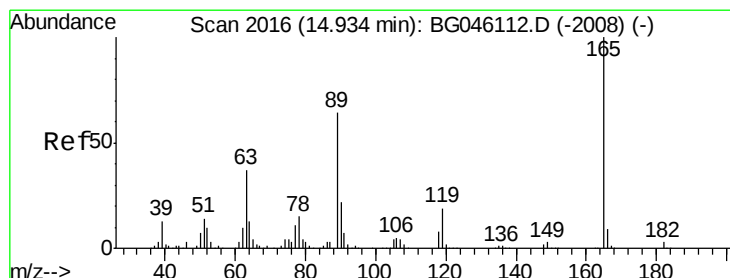
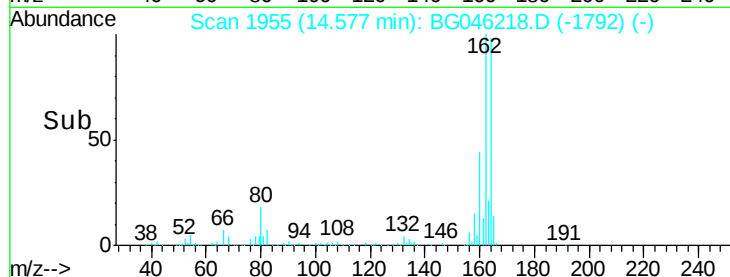
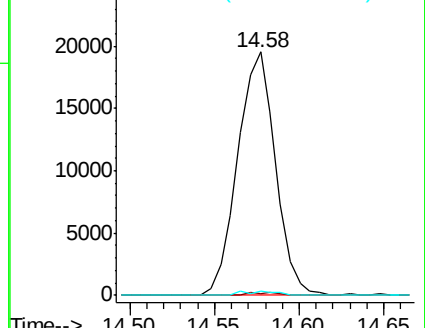
89 1.5 41.0 61.6#



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: 5.336 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.36 min

Lab File: BG046218.D

Acq: 11 Aug 2020 15:25

Tgt Ion:165 Resp: 30314

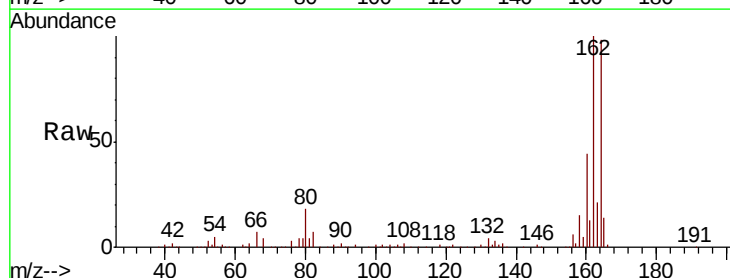
Ion Ratio Lower Upper

165 100

63 0.9 30.1 45.1#

89 1.5 51.4 77.2#

182 0.0 2.3 3.5#

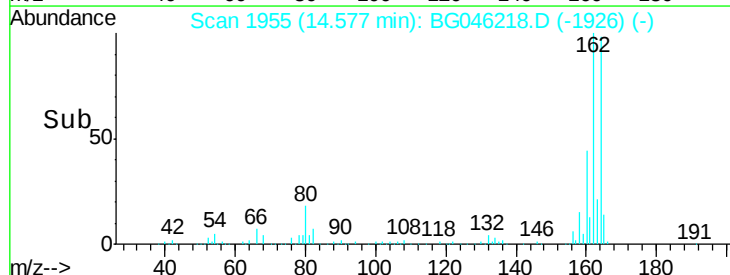
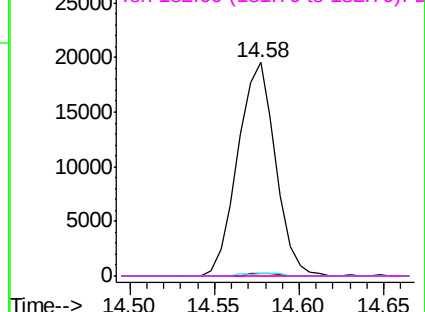


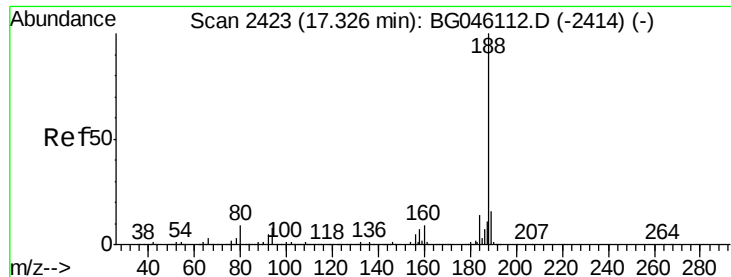
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.32 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BG046218.D

Acq: 11 Aug 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SS-TP-1

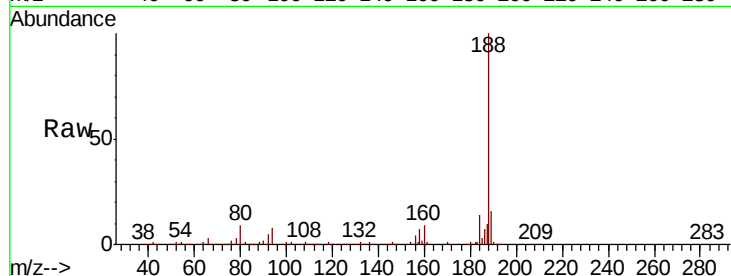
Tot Ion:188 Resp: 610507

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

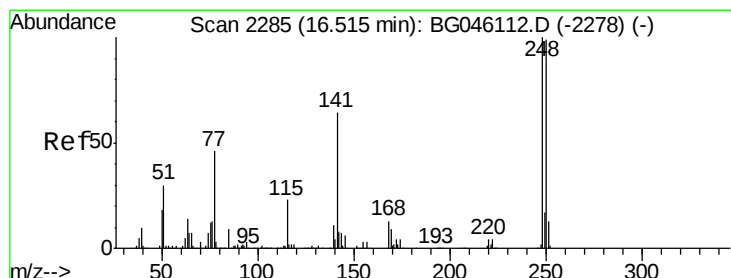
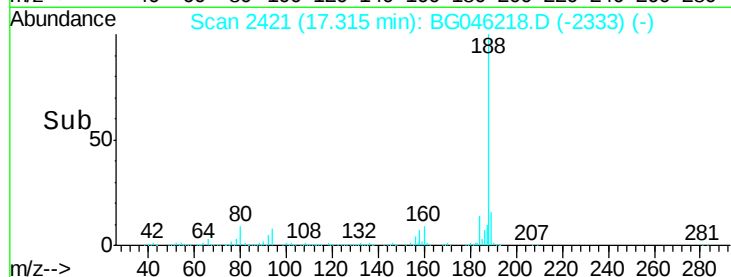
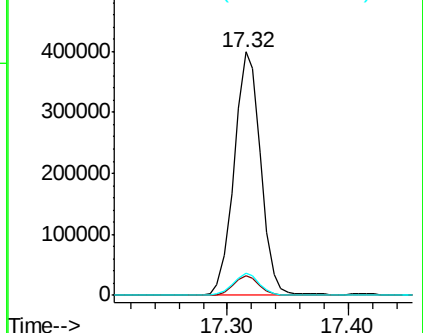
80 9.1 7.4 11.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 2.593 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.45 min

Lab File: BG046218.D

Acq: 11 Aug 2020 15:25

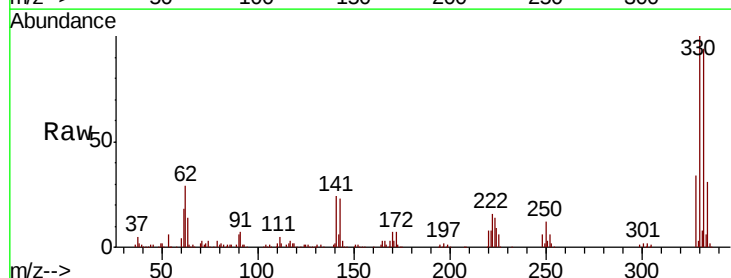
Tgt Ion:248 Resp: 19559

Ion Ratio Lower Upper

248 100

250 202.8 79.4 119.0#

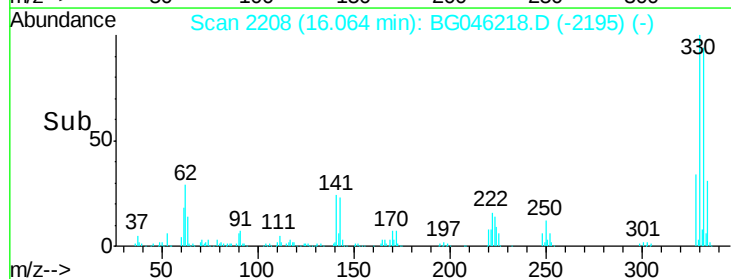
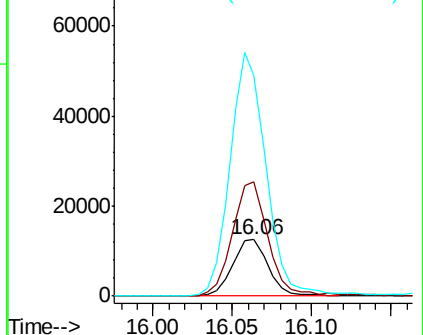
141 391.0 50.9 76.3#

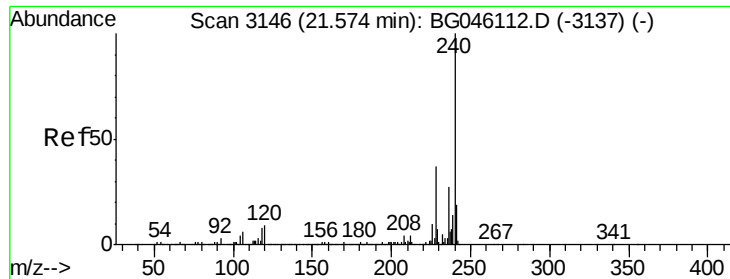


Abundance Ion 248.00 (247.70 to 248.70): E

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# 3144

Delta R.T. -0.01 min

Lab File: BG046218.D

Acq: 11 Aug 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SS-TP-1

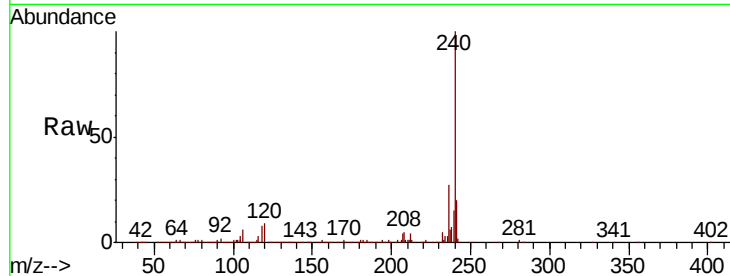
Tot Ion:240 Resp: 670285

Ion Ratio Lower Upper

240 100

120 8.9 7.1 10.7

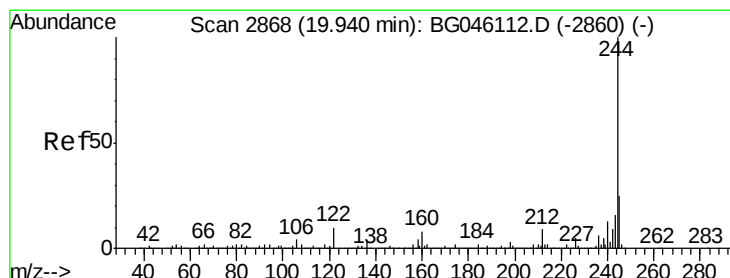
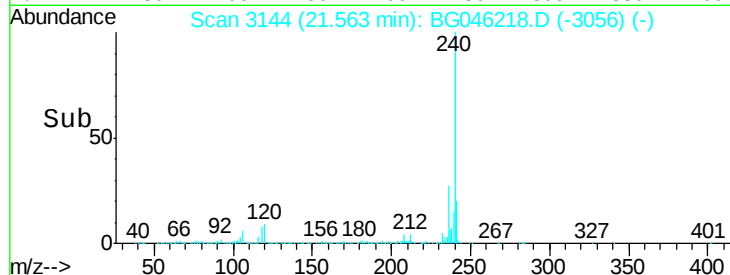
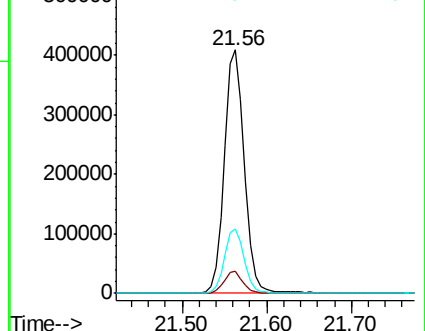
236 26.6 21.7 32.5



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: 46.005 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BG046218.D

Acq: 11 Aug 2020 15:25

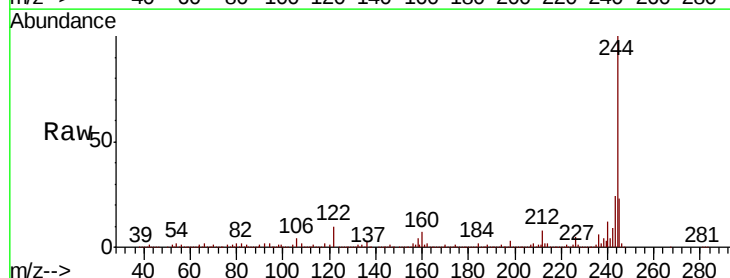
Tgt Ion:244 Resp: 1514082

Ion Ratio Lower Upper

244 100

212 8.0 7.2 10.8

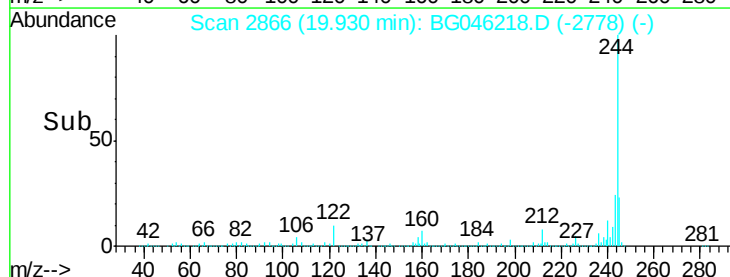
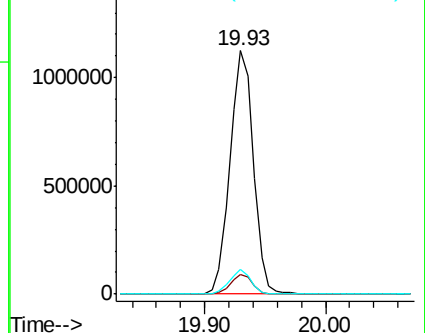
122 10.0 8.3 12.5

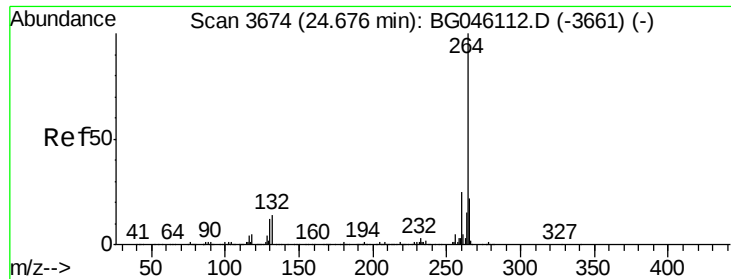


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.67 min Scan# 3673
Delta R.T. -0.00 min
Lab File: BG046218.D
Acq: 11 Aug 2020 15:25

Instrument :
BNA_G
ClientSampleId :
SS-TP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	22.7	17.6	26.4

