

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081120\
 Data File : BG046222.D
 Acq On : 11 Aug 2020 18:07
 Operator : CG/JU
 Sample : L3624-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-2

Quant Time: Aug 11 19:07:27 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

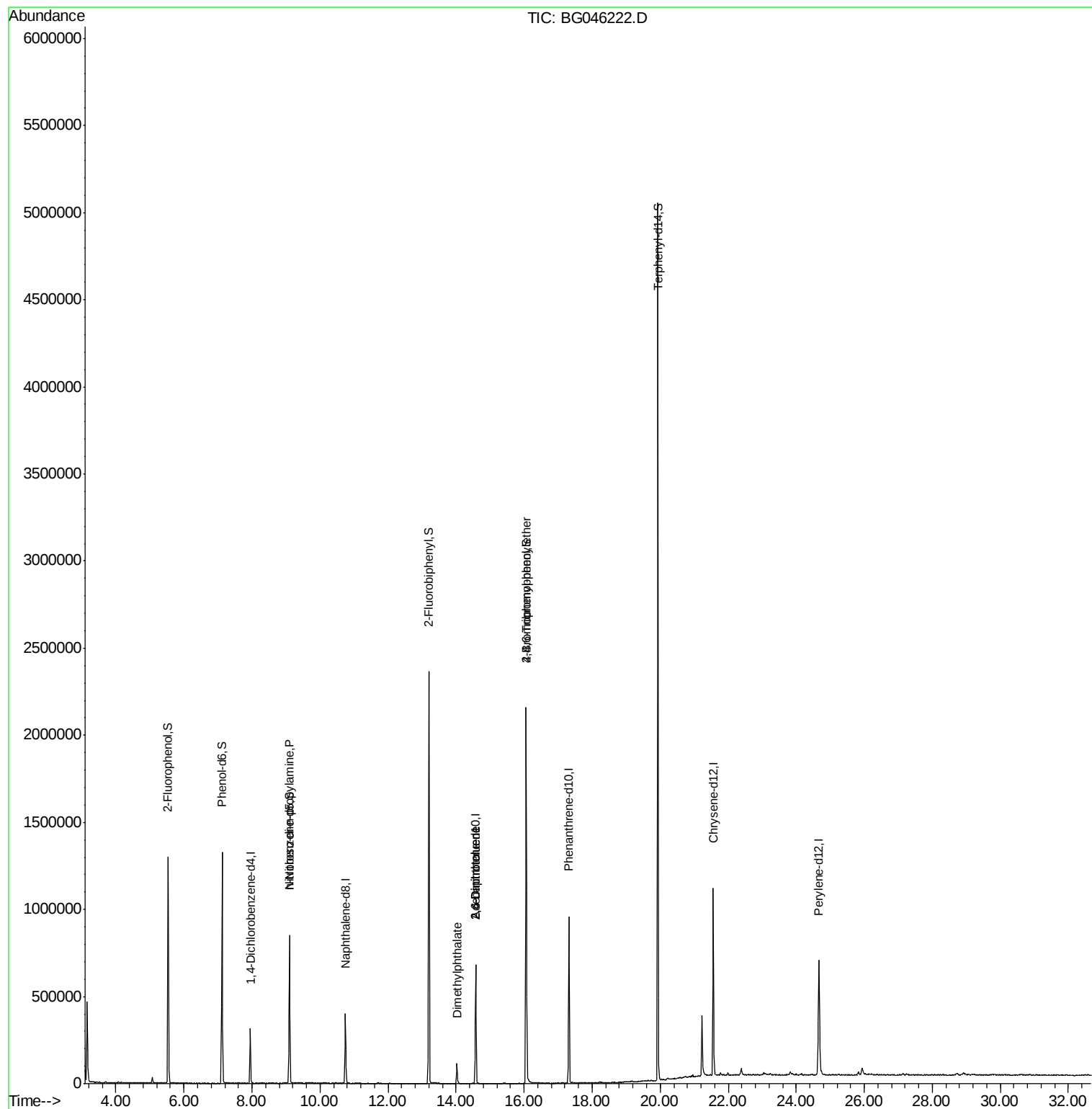
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	98145	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	379416	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	248712	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	633223	20.00	ng	0.00
76) Chrysene-d12	21.56	240	683628	20.00	ng	-0.01
86) Perylene-d12	24.67	264	704020	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	619171	109.67	ng	0.00
7) Phenol-d6	7.12	99	786354	102.20	ng	0.00
23) Nitrobenzene-d5	9.10	82	530290	75.67	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	501356	131.24	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1290823	75.39	ng	0.00
79) Terphenyl-d14	19.93	244	2141868	63.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	68102	13.599	ng	Qvalue # 77
50) Dimethylphthalate	14.03	163	90307	4.731	ng	99
51) 2,6-Dinitrotoluene	14.57	165	33242	7.483	ng	# 29
57) 2,4-Dinitrotoluene	14.57	165	33242	5.442	ng	# 28
67) 4-Bromophenyl-phenylether	16.06	248	30290	3.872	ng	# 1

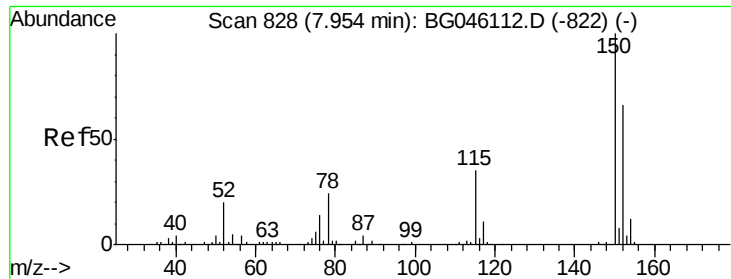
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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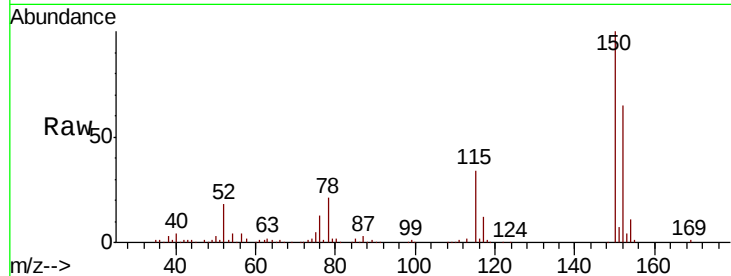


#1

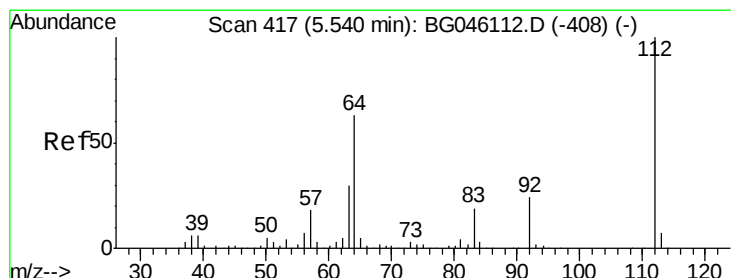
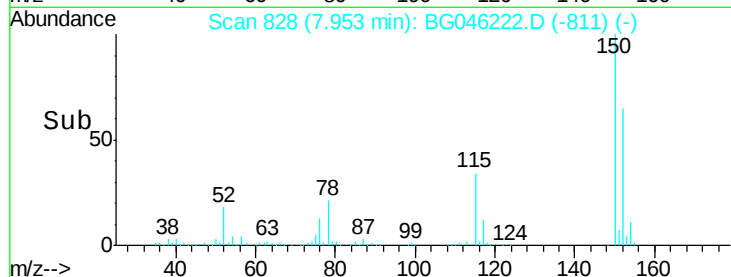
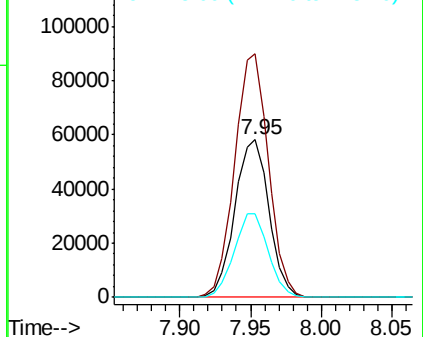
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046222.D
Acq: 11 Aug 2020 18:07

Instrument :
BNA_G
ClientSampleId :
SS-TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	122.1	183.1
115	52.8	43.2	64.8



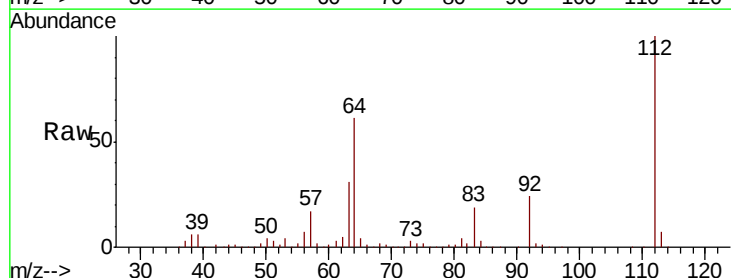
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



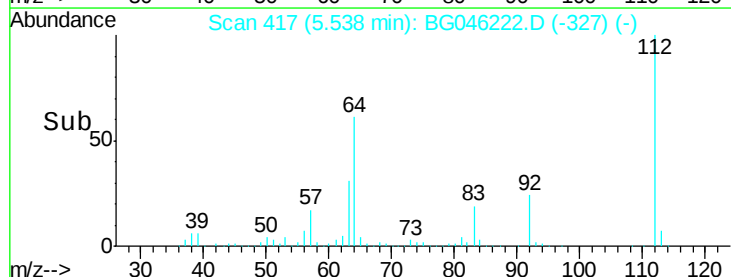
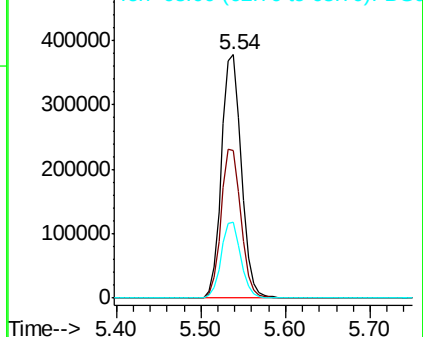
#5

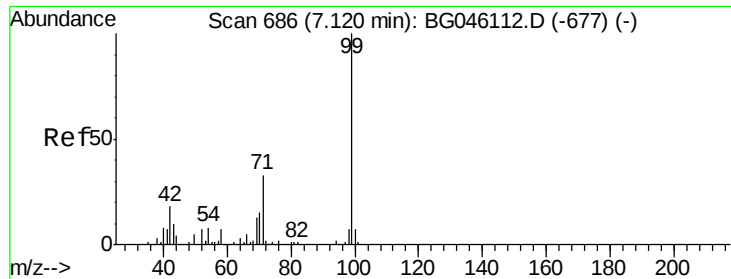
2-Fluorophenol
Concen: 109.669 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046222.D
Acq: 11 Aug 2020 18:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	50.2	75.2
63	31.0	24.2	36.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 102.197 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046222.D

Acq: 11 Aug 2020 18:07

Instrument :

BNA_G

ClientSampleId :

SS-TP-2

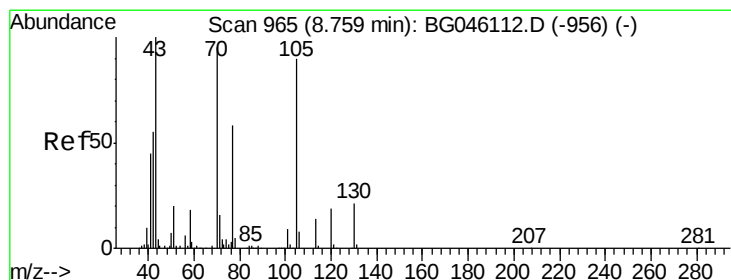
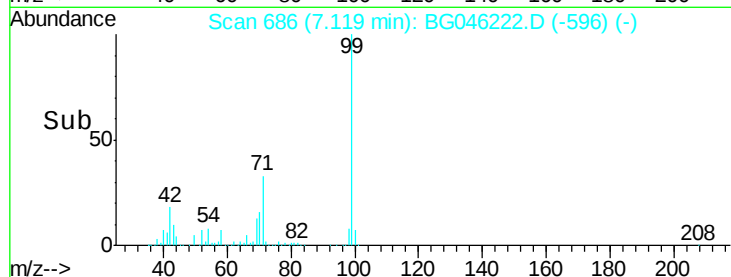
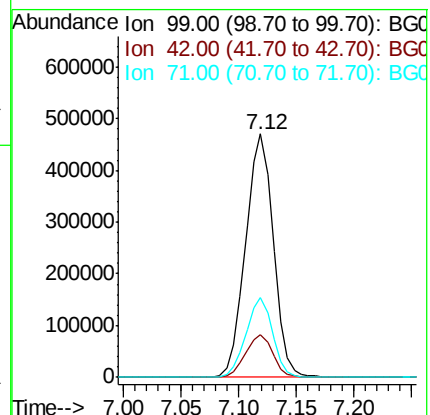
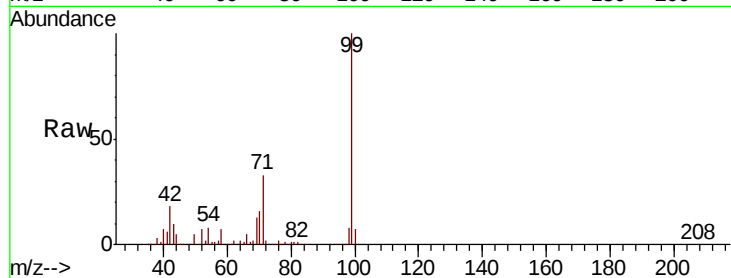
Tot Ion: 99 Resp: 786354

Ion Ratio Lower Upper

99 100

42 17.7 14.7 22.1

71 33.0 26.5 39.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.599 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG046222.D

Acq: 11 Aug 2020 18:07

Tgt Ion: 70 Resp: 68102

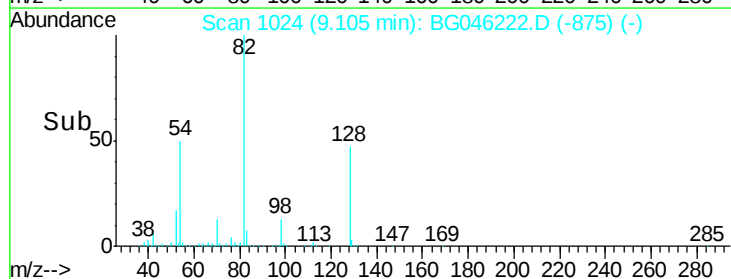
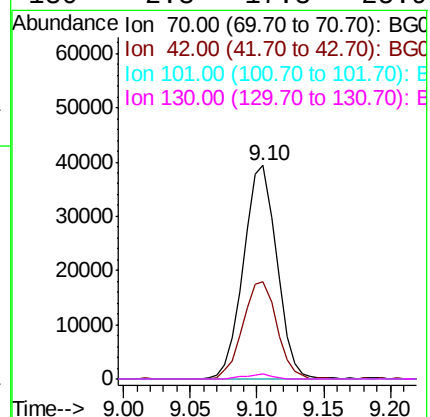
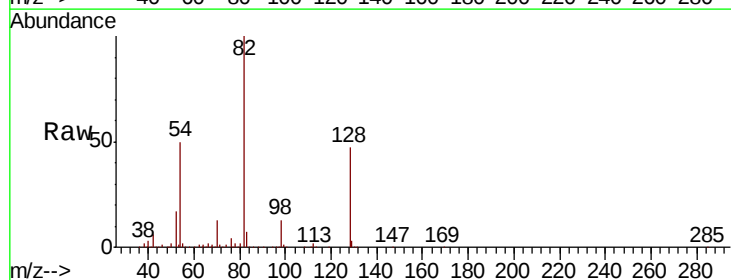
Ion Ratio Lower Upper

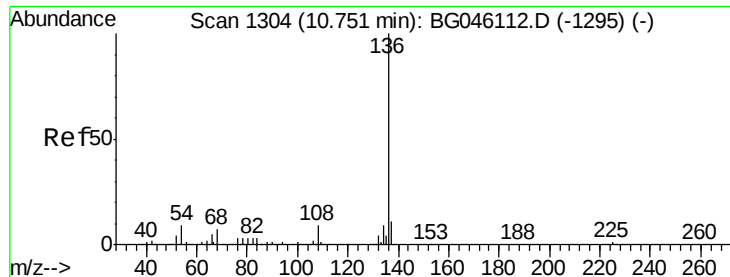
70 100

42 45.8 46.5 69.7#

101 0.0 7.6 11.4#

130 2.3 17.3 25.9#

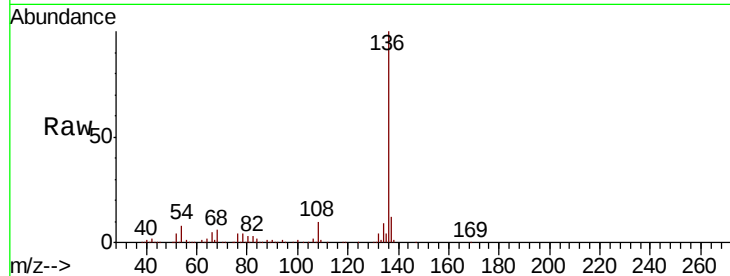




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG046222.D
Acq: 11 Aug 2020 18:07

Instrument :
BNA_G
ClientSampleId :
SS-TP-2

Tot Ion:136	Resp:	379416	
Ion Ratio	Lower	Upper	
136 100			
137 11.8	8.8	13.2	
54 8.2	7.0	10.4	
68 6.5	5.3	7.9	



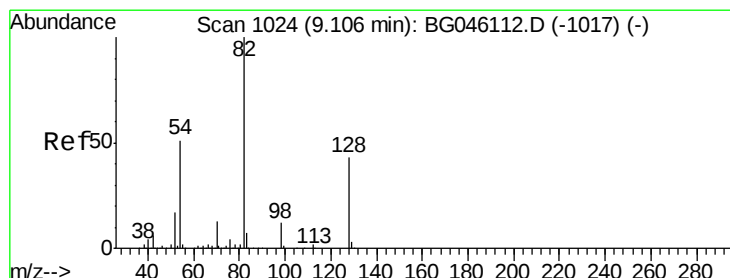
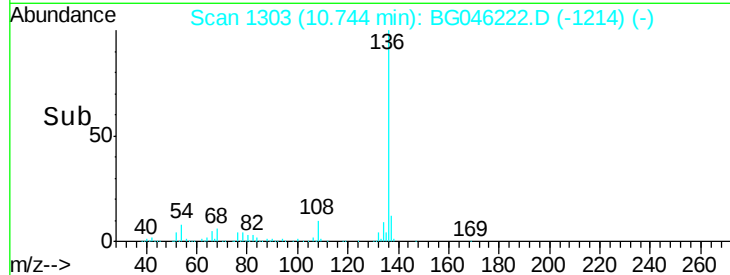
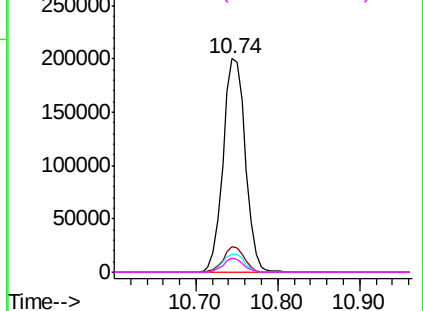
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

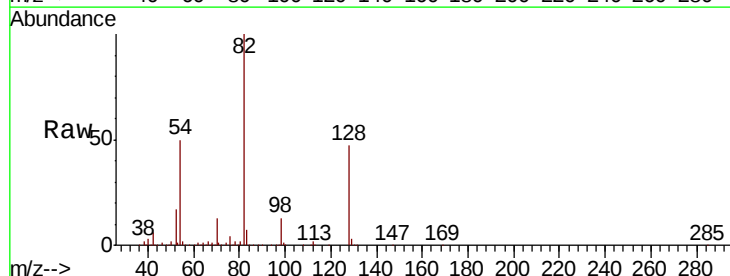
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 75.673 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046222.D
Acq: 11 Aug 2020 18:07

Tgt Ion	82	Resp: Lower	530290 Upper
	Ratio		
82	100		
128	47.1	34.4	51.6
54	50.2	40.8	61.2

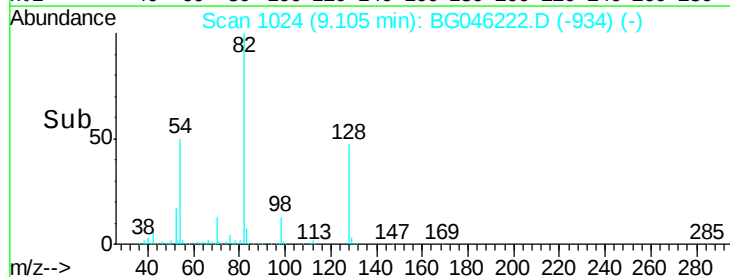
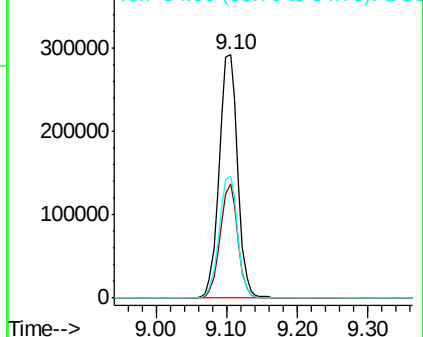


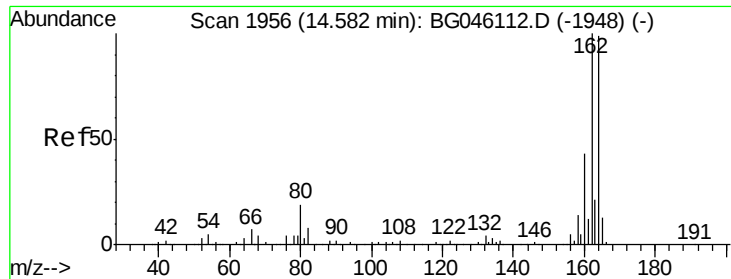
Abundance

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: 14.57 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG046222.D

Acq: 11 Aug 2020 18:07

Instrument :

BNA_G

ClientSampleId :

SS-TP-2

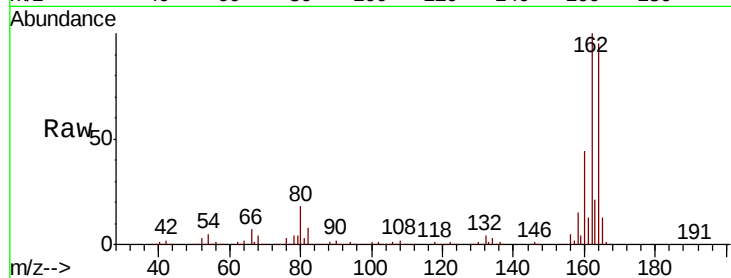
Tot Ion:164 Resp: 248712

Ion Ratio Lower Upper

164 100

162 105.2 80.6 121.0

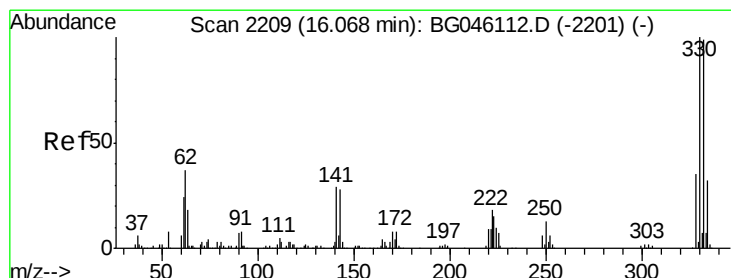
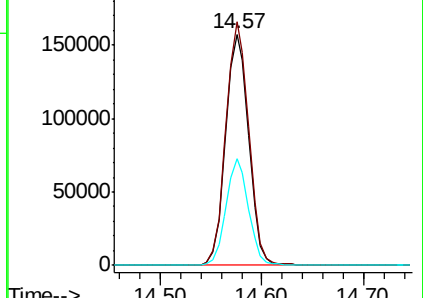
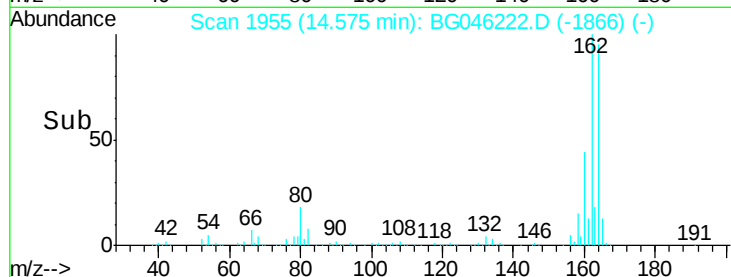
160 46.4 34.9 52.3



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: 131.239 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046222.D

Acq: 11 Aug 2020 18:07

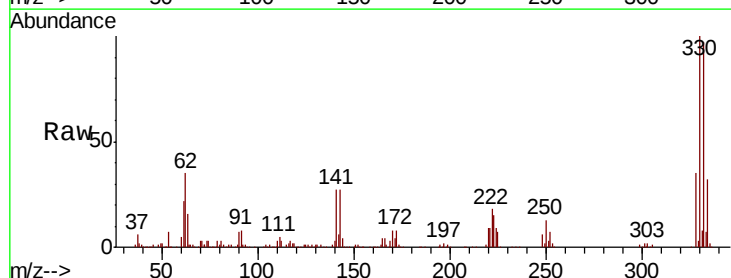
Tgt Ion:330 Resp: 501356

Ion Ratio Lower Upper

330 100

332 98.8 77.4 116.2

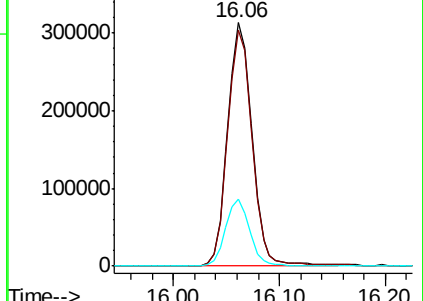
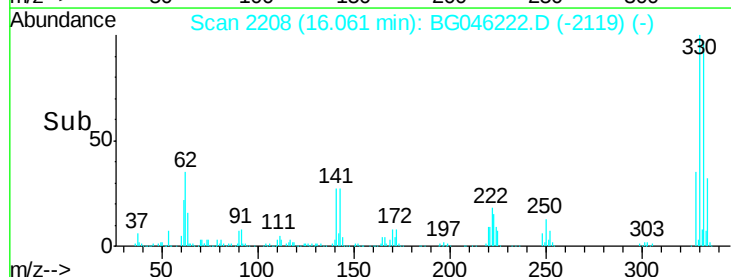
141 27.6 23.4 35.0

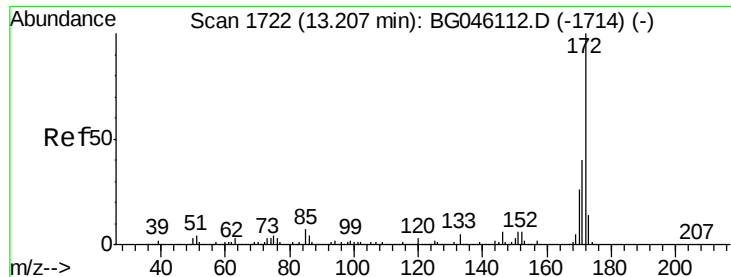


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

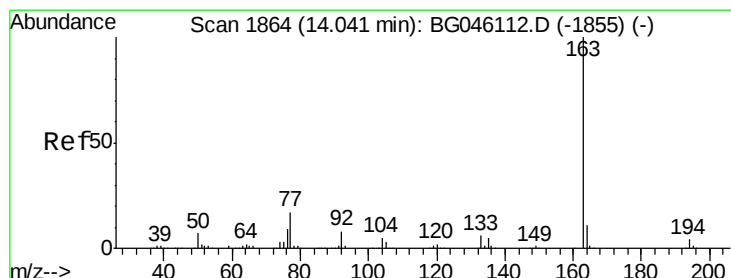
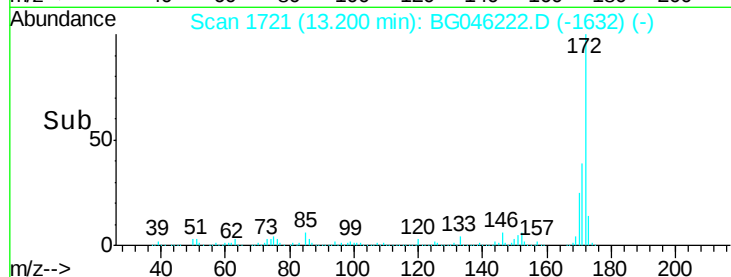
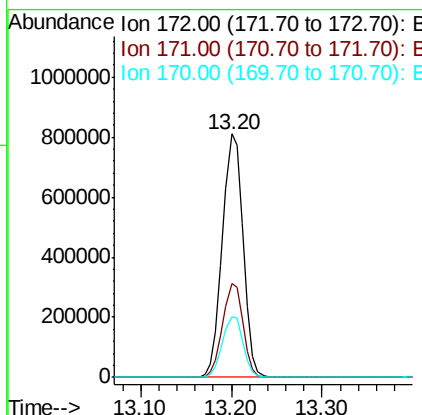
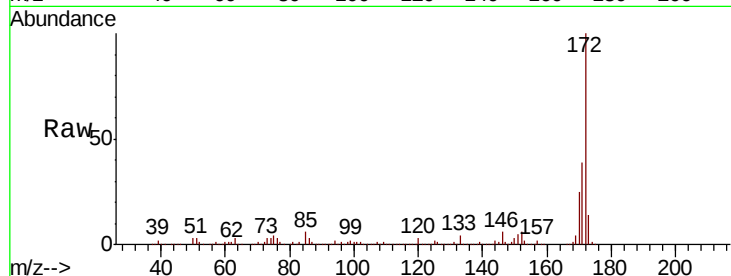




#45
2-Fluorobiphenyl
Concen: 75.392 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG046222.D
Acq: 11 Aug 2020 18:07

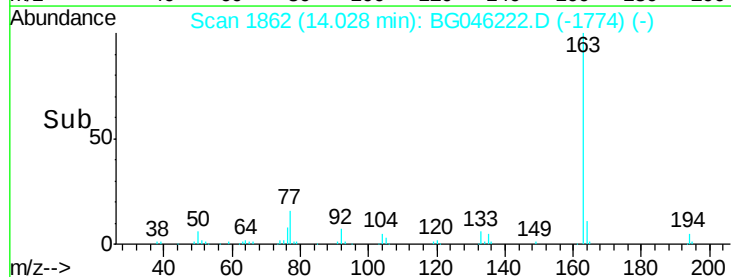
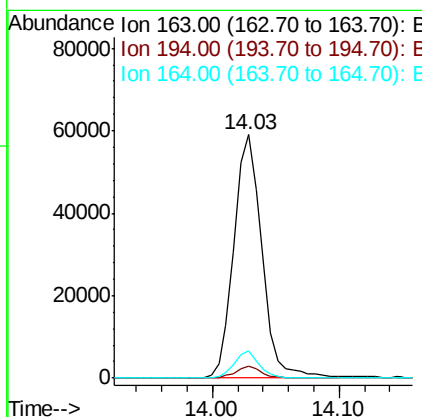
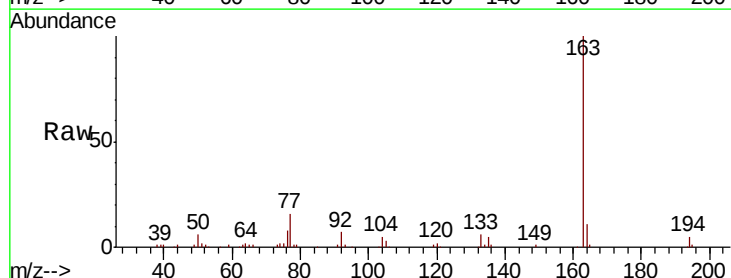
Instrument :
BNA_G
ClientSampleId :
SS-TP-2

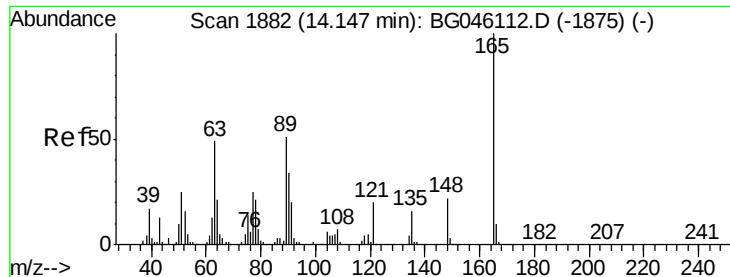
Tot Ion:172 Resp: 1290823
Ion Ratio Lower Upper
172 100
171 38.8 31.7 47.5
170 25.0 20.9 31.3



#50
Dimethylphthalate
Concen: 4.731 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG046222.D
Acq: 11 Aug 2020 18:07

Tgt Ion:163 Resp: 90307
Ion Ratio Lower Upper
163 100
194 5.0 3.5 5.3
164 11.4 8.8 13.2





#51

2,6-Dinitrotoluene

Concen: 7.483 ng

RT: 14.57 min Scan# 1955

Delta R.T. 0.43 min

Lab File: BG046222.D

Acq: 11 Aug 2020 18:07

Instrument :

BNA_G

ClientSampleId :

SS-TP-2

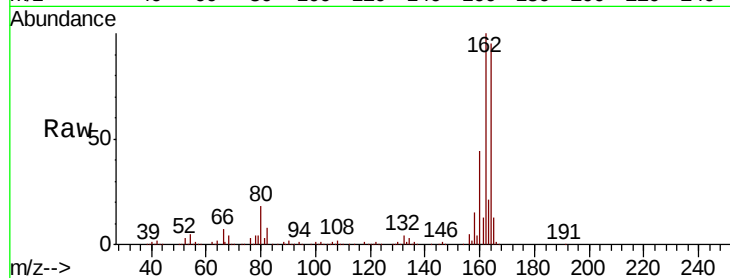
Tot Ion:165 Resp: 33242

Ion Ratio Lower Upper

165 100

63 0.9 39.7 59.5#

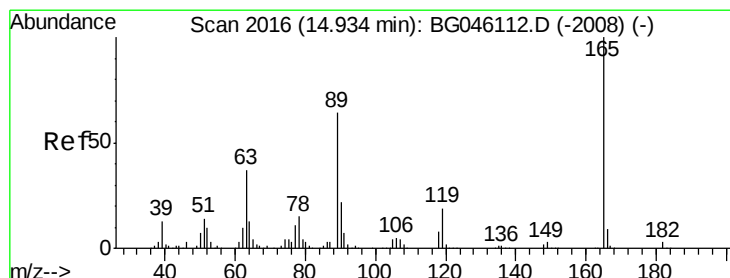
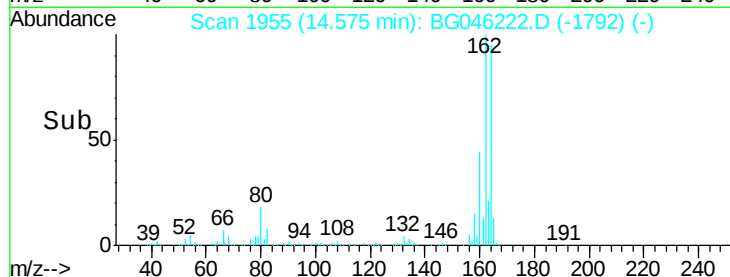
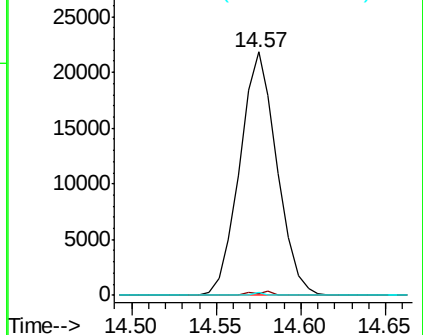
89 1.1 41.0 61.6#



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: 5.442 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.36 min

Lab File: BG046222.D

Acq: 11 Aug 2020 18:07

Tgt Ion:165 Resp: 33242

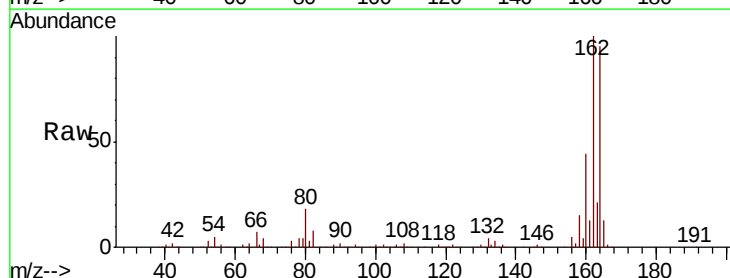
Ion Ratio Lower Upper

165 100

63 0.9 30.1 45.1#

89 1.1 51.4 77.2#

182 0.0 2.3 3.5#

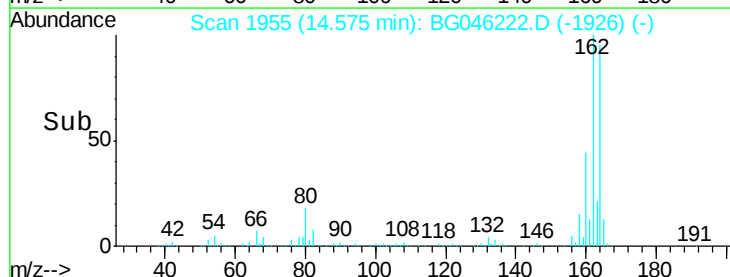
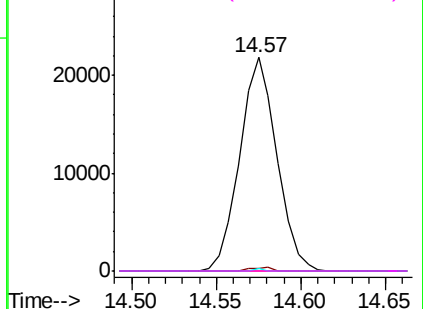


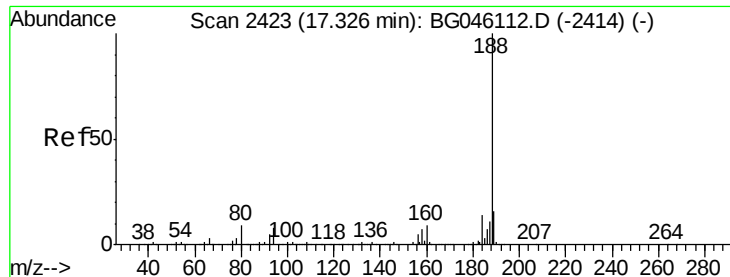
Abundance Ion 165.00 (164.70 to 165.70): E

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# 2422

Delta R.T. -0.01 min

Lab File: BG046222.D

Acq: 11 Aug 2020 18:07

Instrument :

BNA_G

ClientSampled :

SS-TP-2

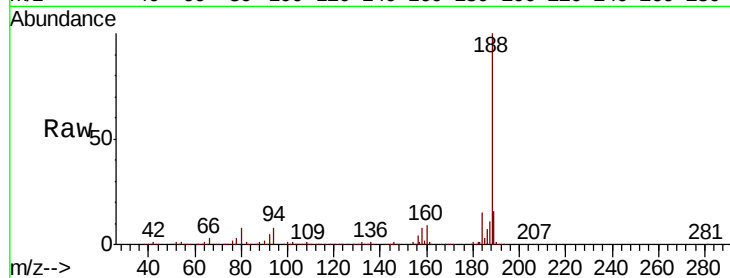
Tot Ion:188 Resp: 633223

Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

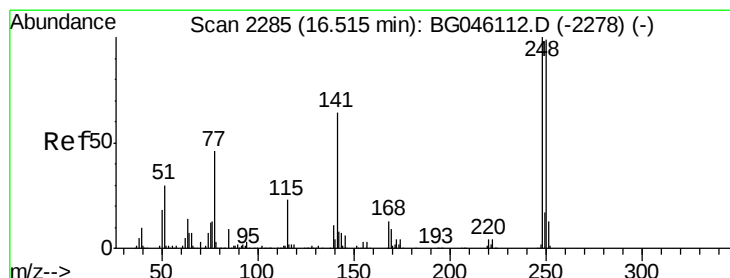
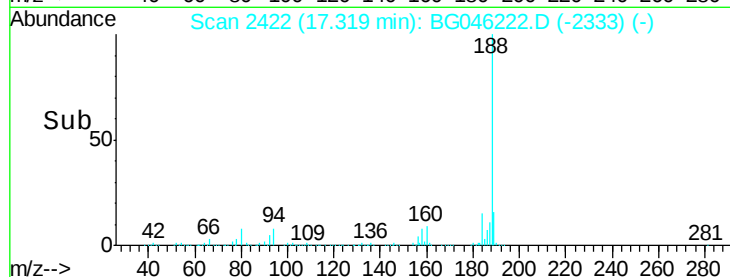
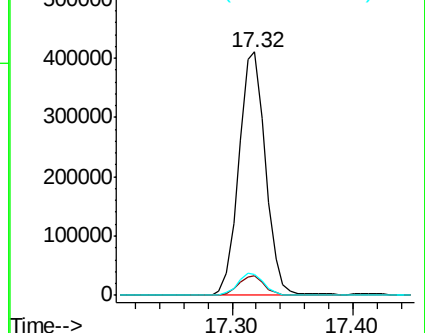
80 8.5 7.4 11.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#67

4-Bromophenyl-phenylether

Concen: 3.872 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.45 min

Lab File: BG046222.D

Acq: 11 Aug 2020 18:07

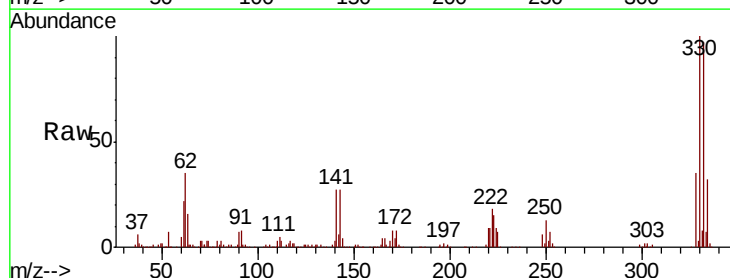
Tgt Ion:248 Resp: 30290

Ion Ratio Lower Upper

248 100

250 212.2 79.4 119.0#

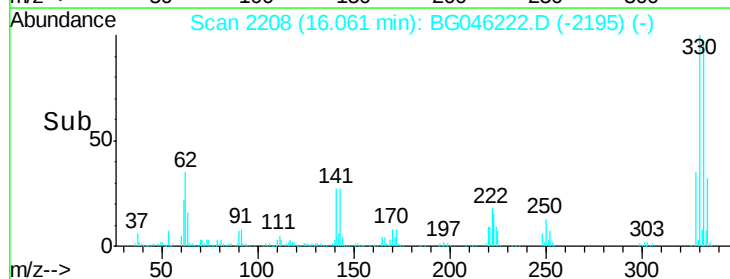
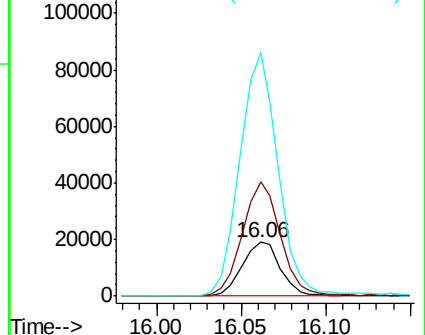
141 451.8 50.9 76.3#

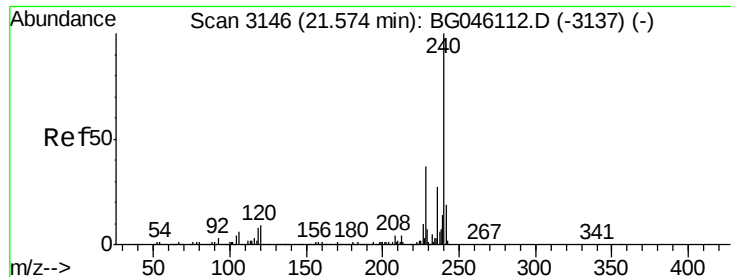


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG046222.D

Acq: 11 Aug 2020 18:07

Instrument :

BNA_G

ClientSampled :

SS-TP-2

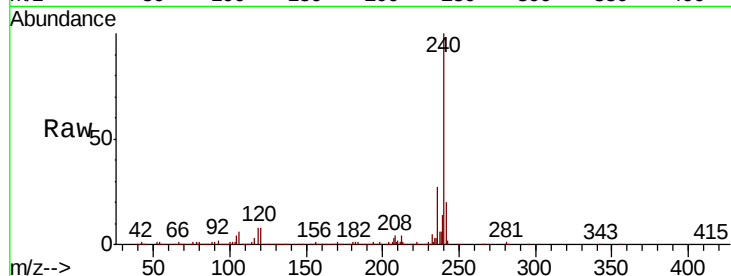
Tot Ion:240 Resp: 683628

Ion Ratio Lower Upper

240 100

120 8.5 7.1 10.7

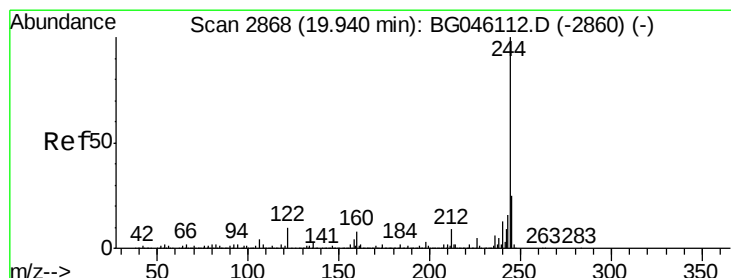
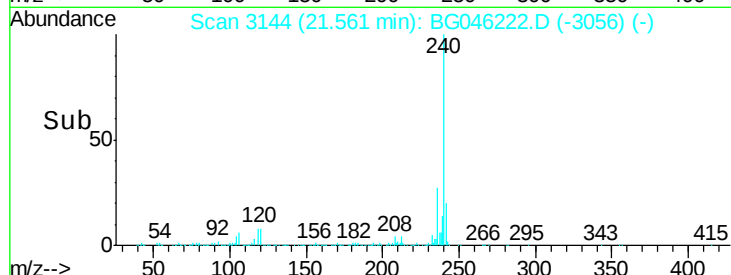
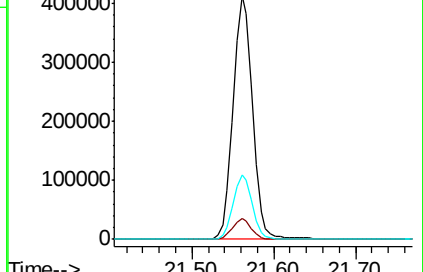
236 26.6 21.7 32.5



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: 63.809 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046222.D

Acq: 11 Aug 2020 18:07

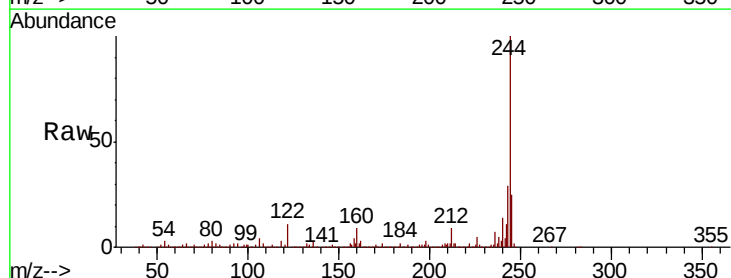
Tgt Ion:244 Resp: 2141868

Ion Ratio Lower Upper

244 100

212 9.1 7.2 10.8

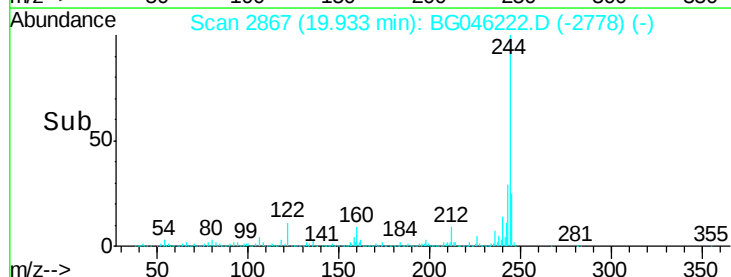
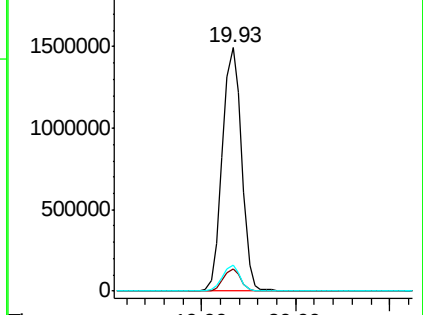
122 10.7 8.3 12.5

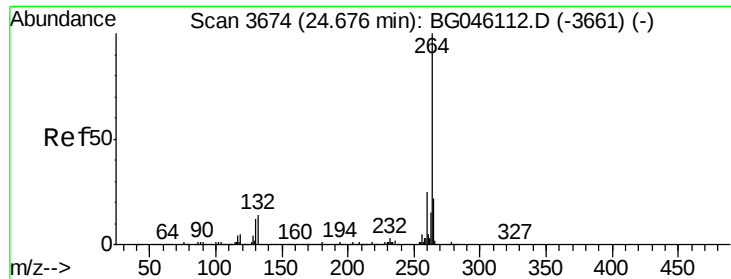


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.01 min
Lab File: BG046222.D
Acq: 11 Aug 2020 18:07

Instrument :
BNA_G
ClientSampleId :
SS-TP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	22.7	17.6	26.4

