

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
 Data File : BG046194.D
 Acq On : 7 Aug 2020 15:34
 Operator : CG/JU
 Sample : L3594-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Aug 07 17:23:07 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

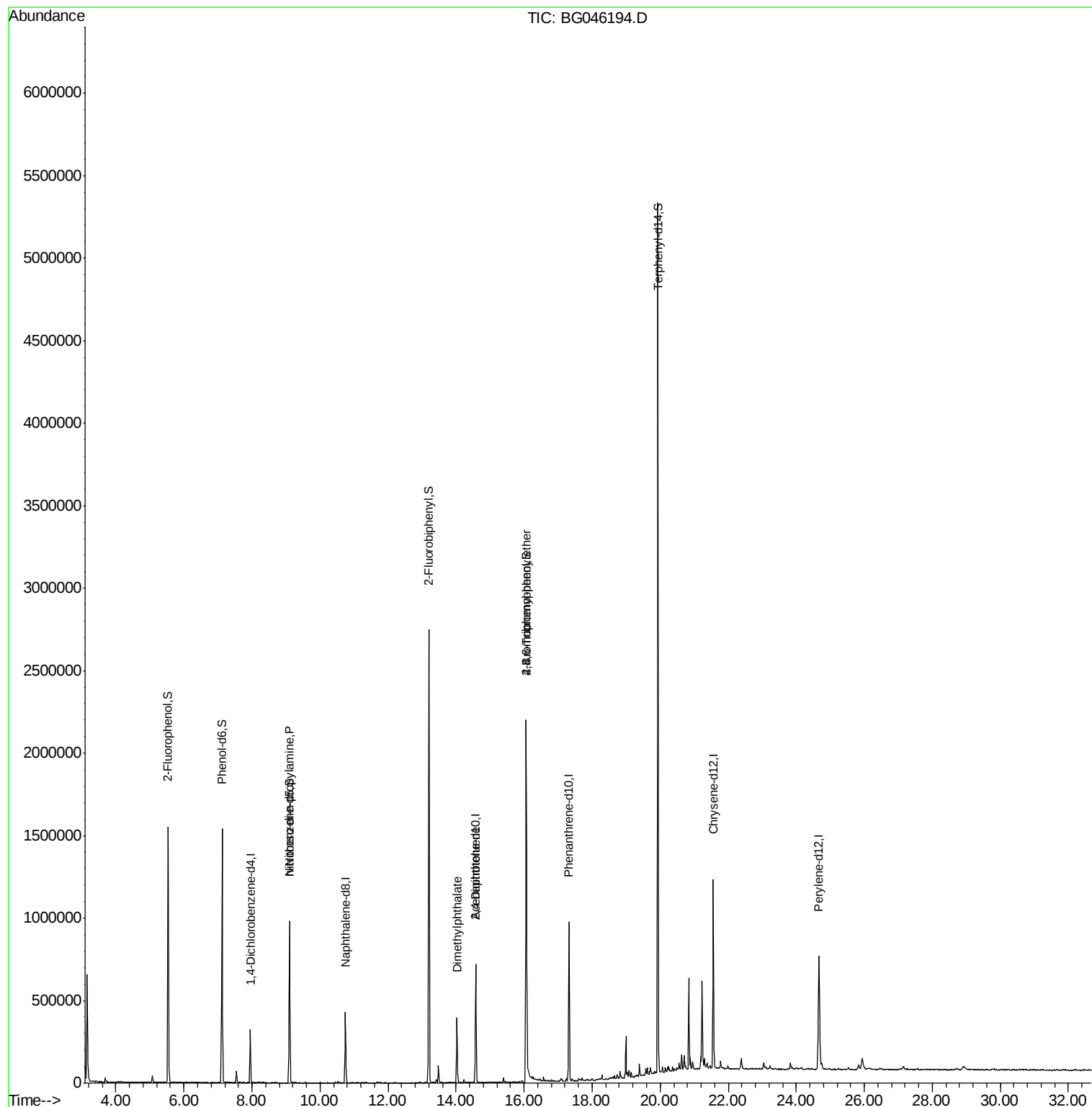
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	101537	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	391952	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	259761	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	630351	20.00	ng	0.00
76) Chrysene-d12	21.56	240	701835	20.00	ng	-0.01
86) Perylene-d12	24.67	264	730973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	736195	126.04	ng	0.00
7) Phenol-d6	7.12	99	947353	119.01	ng	0.00
23) Nitrobenzene-d5	9.10	82	621105	85.80	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	588483	147.49	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1479727	82.75	ng	0.00
79) Terphenyl-d14	19.93	244	2325300	67.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	79536	15.352	ng	Qvalue # 74
50) Dimethylphthalate	14.03	163	281850	14.137	ng	99
57) 2,4-Dinitrotoluene	14.57	165	34859	5.464	ng	# 28
67) 4-Bromophenyl-phenylether	16.06	248	34437	4.422	ng	# 1

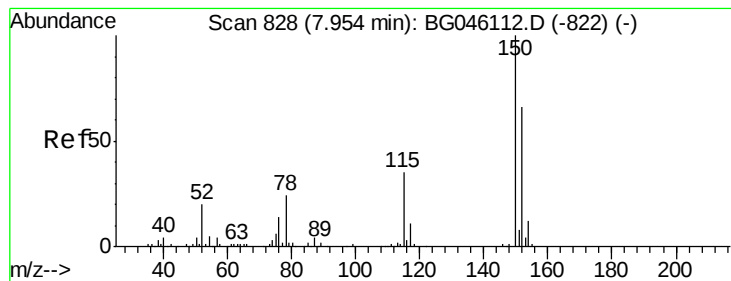
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 07 17:23:07 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



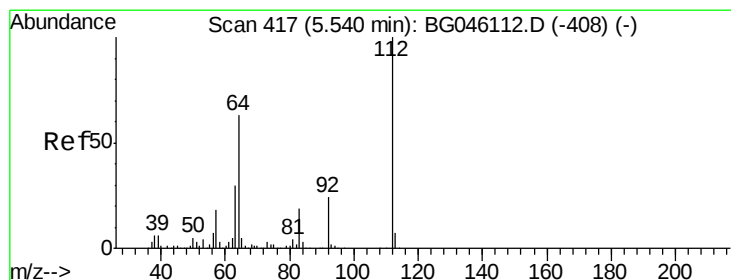
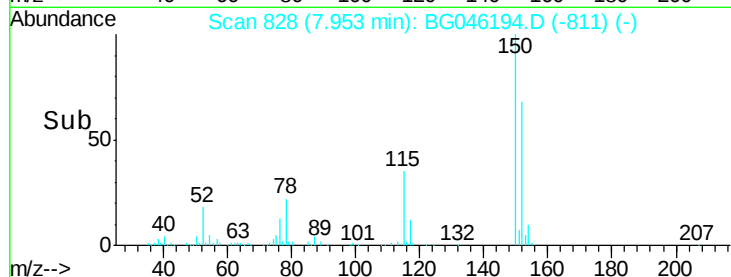
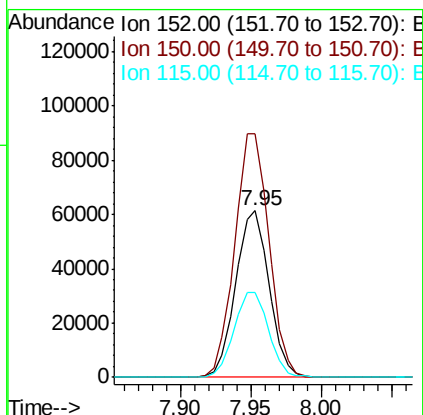
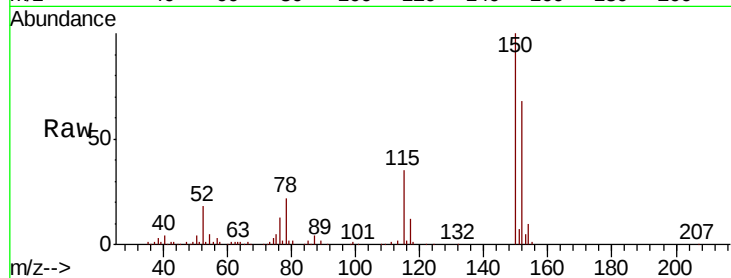


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046194.D
Acq: 7 Aug 2020 15:34

Instrument :
BNA_G
ClientSampleId :
TP-1

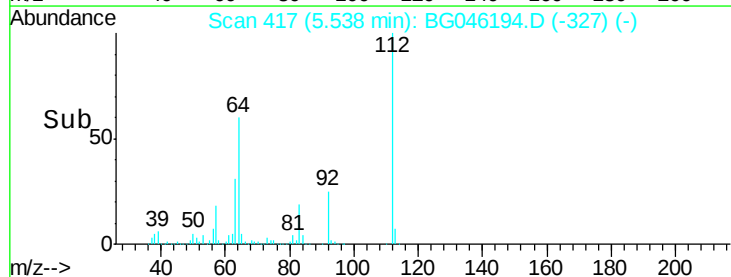
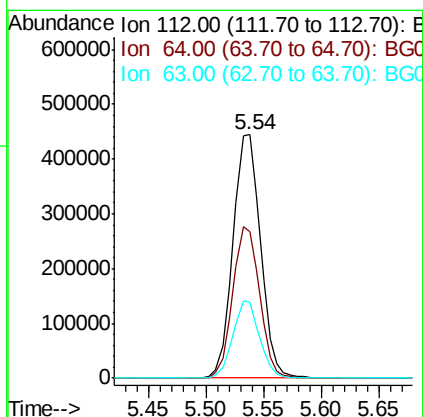
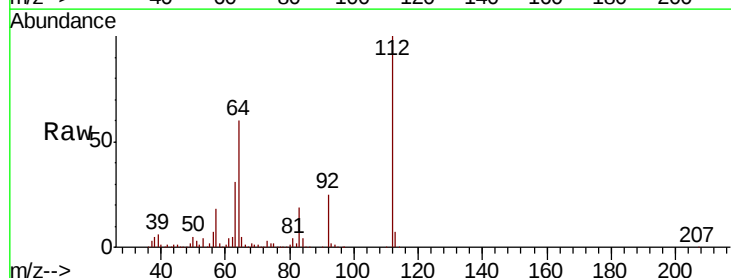
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.1	122.1	183.1
115	51.2	43.2	64.8

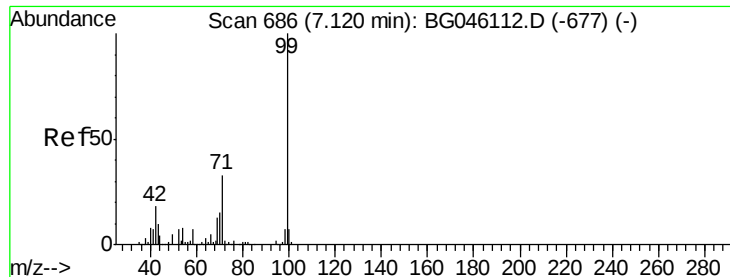


#5

2-Fluorophenol
Concen: 126.041 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046194.D
Acq: 7 Aug 2020 15:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	50.2	75.2
63	31.1	24.2	36.4





#7

Phenol-d6

Concen: 119.008 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046194.D

Acq: 7 Aug 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-1

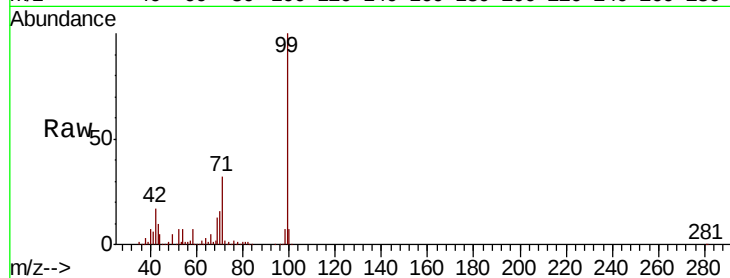
Tot Ion: 99 Resp: 947353

Ion Ratio Lower Upper

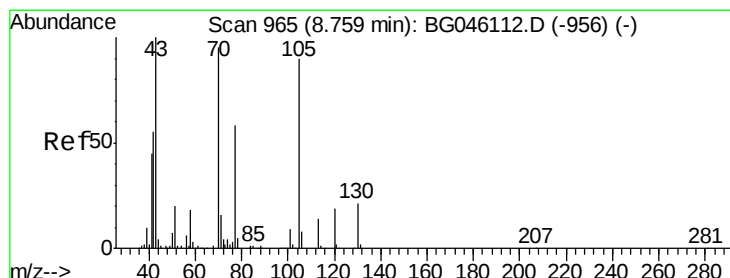
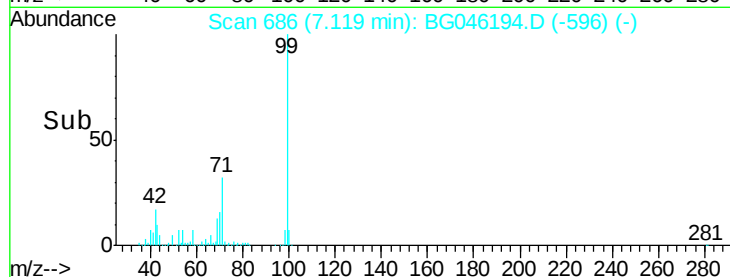
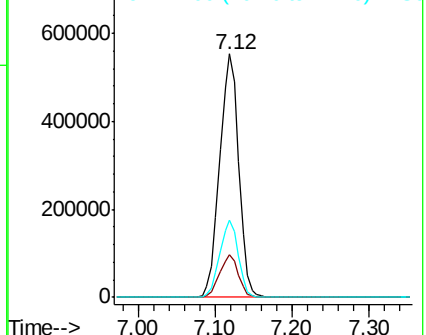
99 100

42 17.3 14.7 22.1

71 31.7 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: 15.352 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG046194.D

Acq: 7 Aug 2020 15:34

Tgt Ion: 70 Resp: 79536

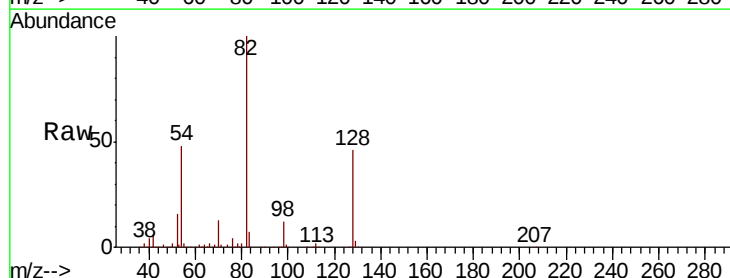
Ion Ratio Lower Upper

70 100

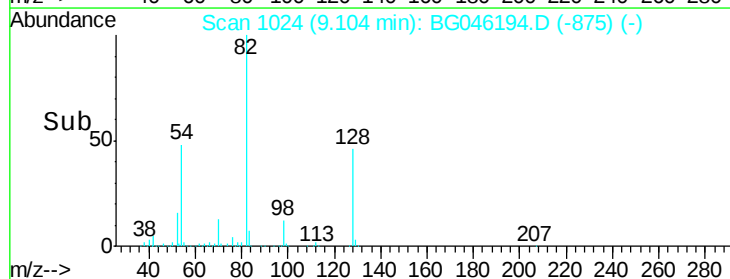
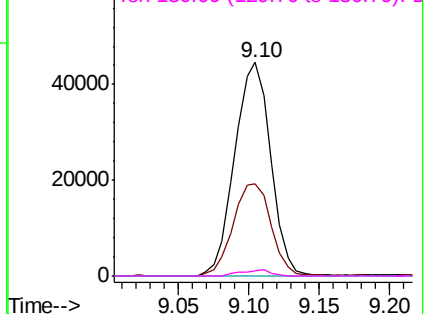
42 42.9 46.5 69.7#

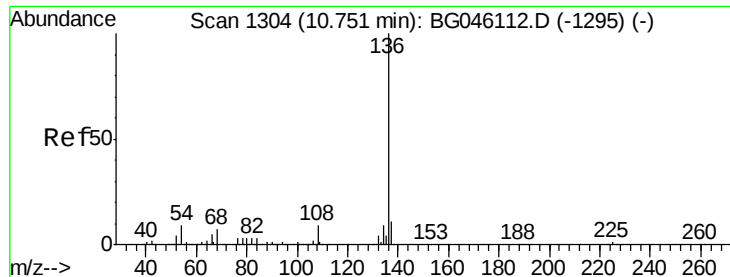
101 0.0 7.6 11.4#

130 2.3 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

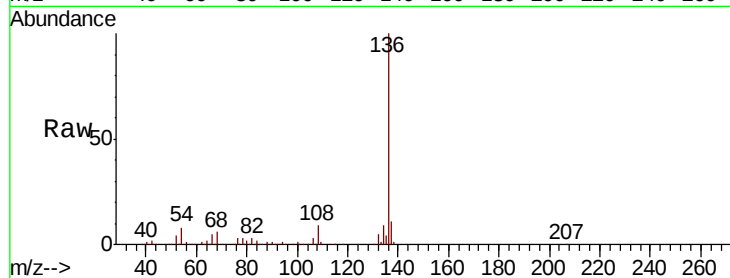




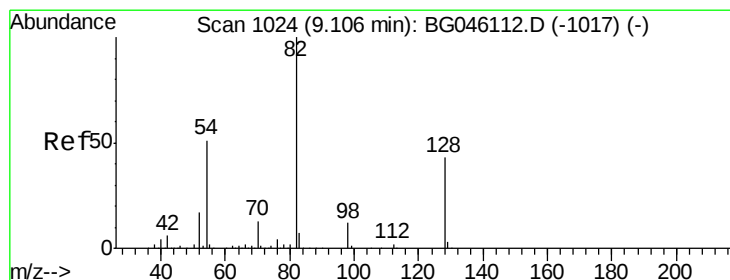
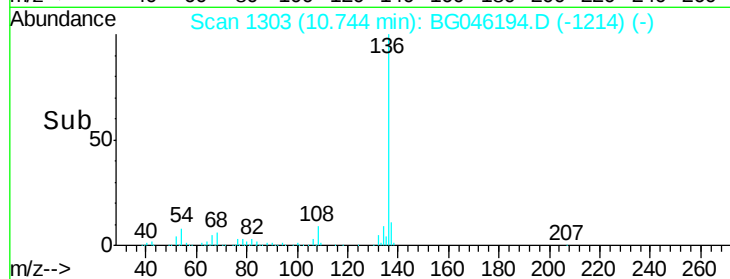
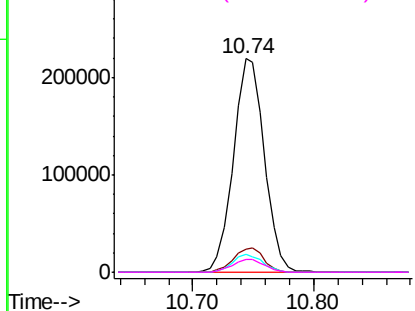
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG046194.D
Acq: 7 Aug 2020 15:34

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:136	Resp:	391952	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.8	13.2	
54 8.3	7.0	10.4	
68 5.9	5.3	7.9	

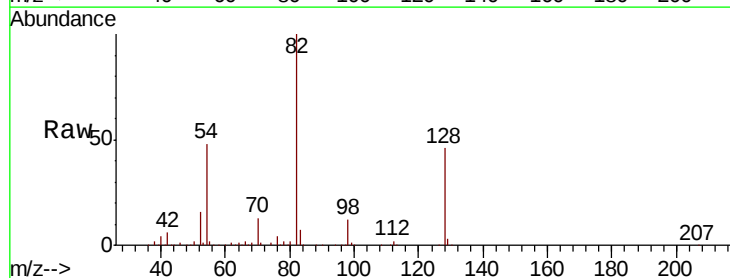


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

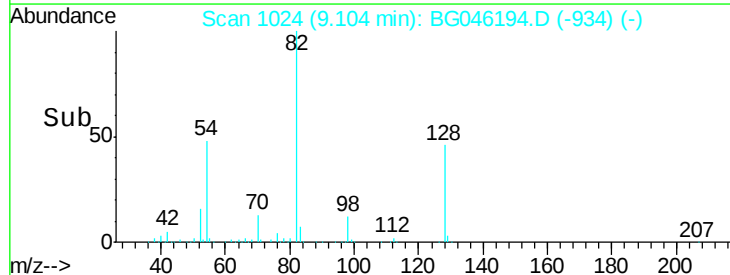
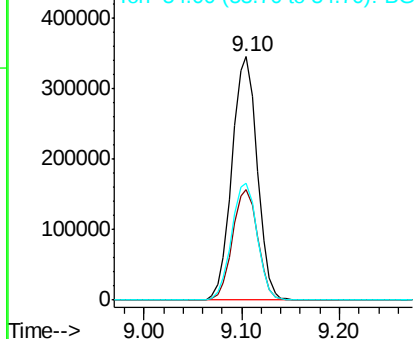


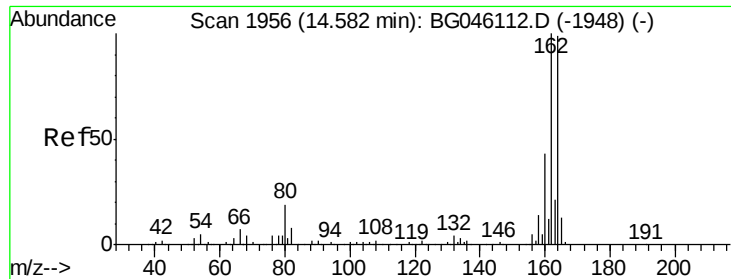
#23
Nitrobenzene-d5
Concen: 85.797 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046194.D
Acq: 7 Aug 2020 15:34

Tgt Ion: 82	Resp: 621105
Ion Ratio	Lower Upper
82 100	
128 45.5	34.4 51.6
54 48.2	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: 14.57 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG046194.D

Acq: 7 Aug 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-1

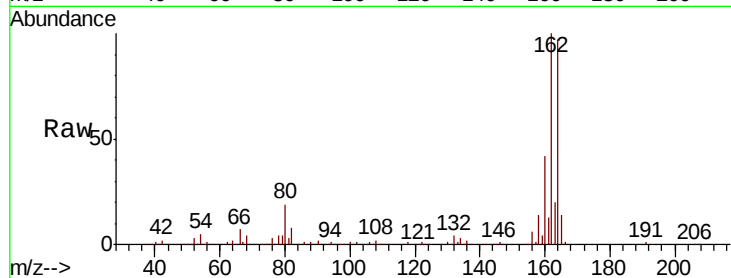
Tot Ion:164 Resp: 259761

Ion Ratio Lower Upper

164 100

162 103.5 80.6 121.0

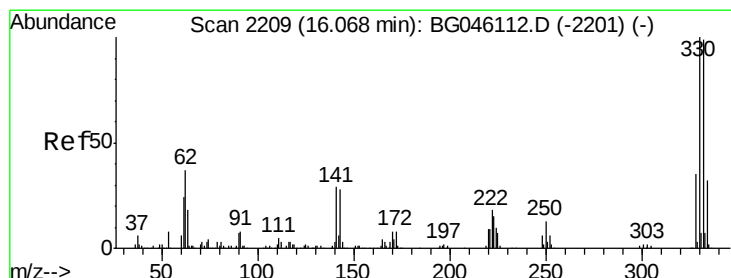
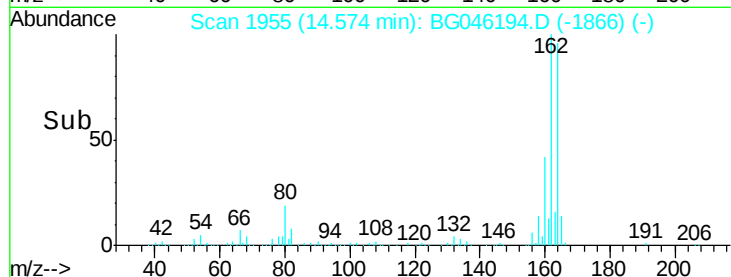
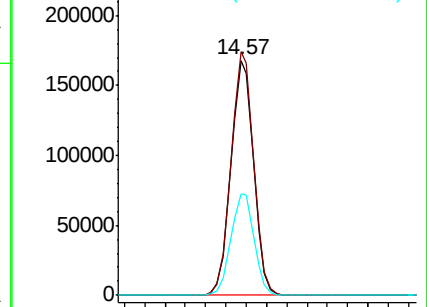
160 43.4 34.9 52.3



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: 147.494 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046194.D

Acq: 7 Aug 2020 15:34

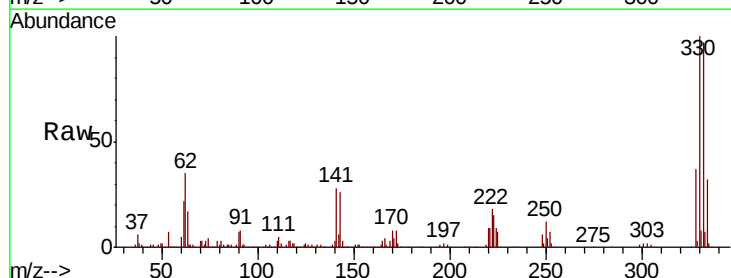
Tgt Ion:330 Resp: 588483

Ion Ratio Lower Upper

330 100

332 93.7 77.4 116.2

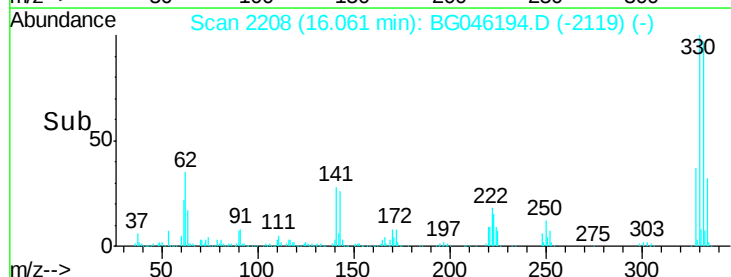
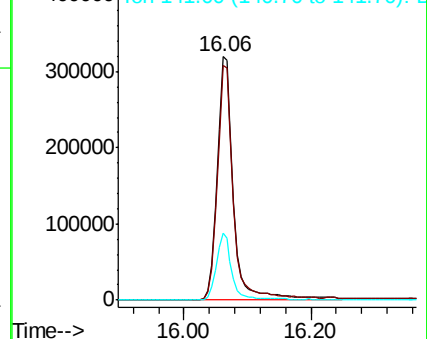
141 26.0 23.4 35.0

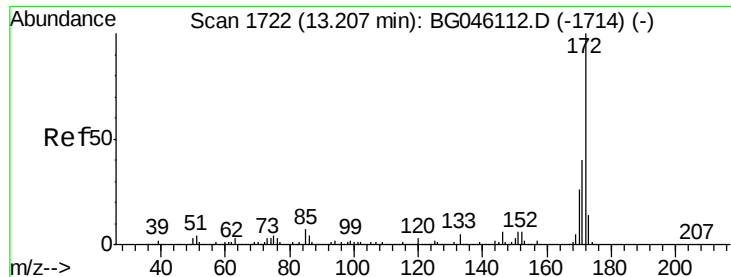


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

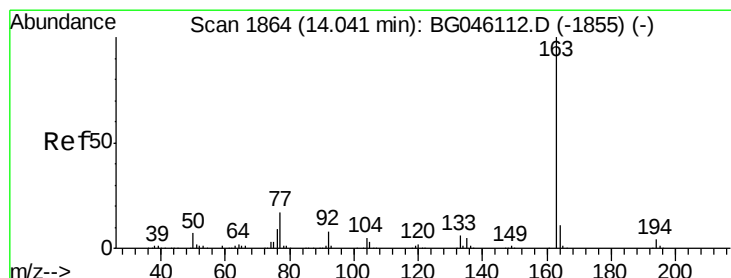
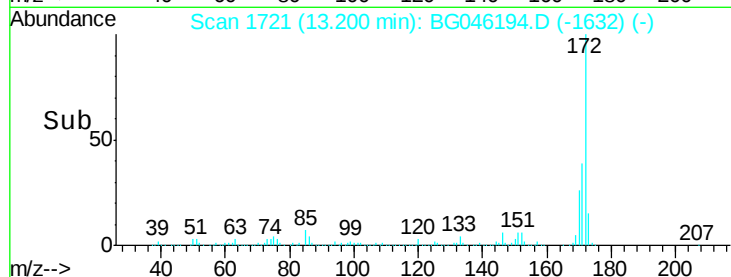
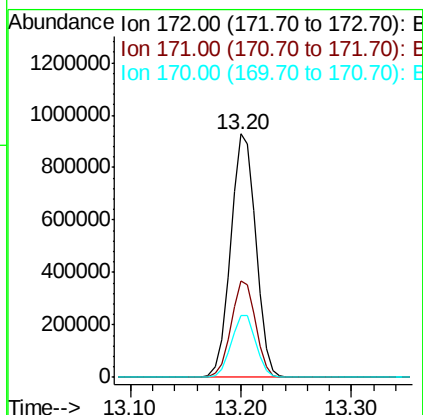
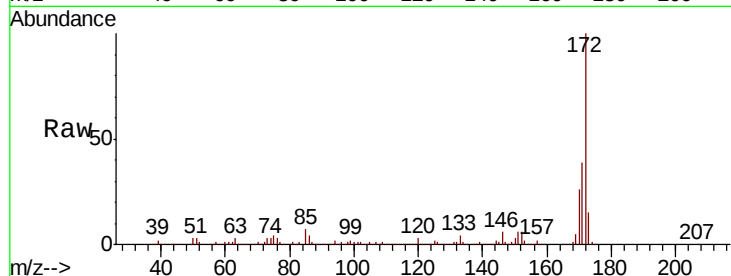




#45
2-Fluorobiphenyl
Concen: 82.749 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG046194.D
Acq: 7 Aug 2020 15:34

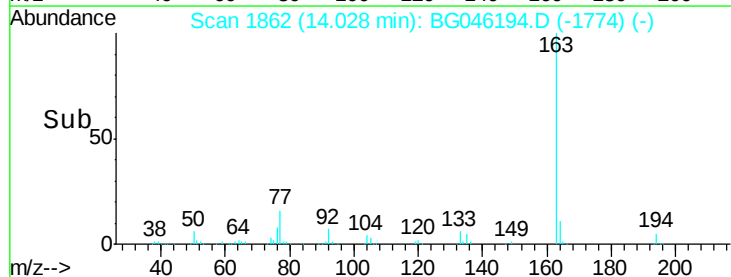
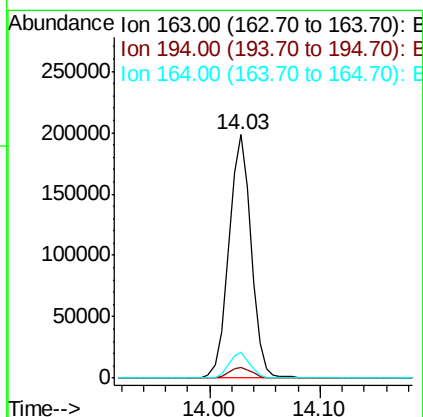
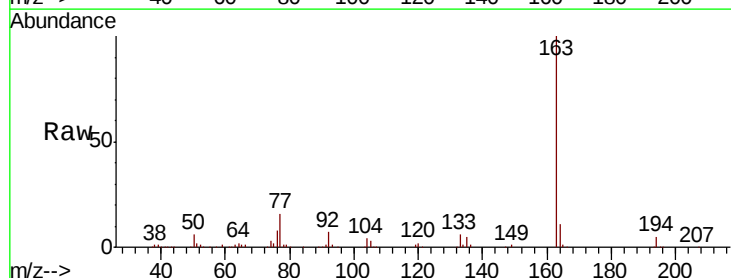
Instrument :
BNA_G
ClientSampleId :
TP-1

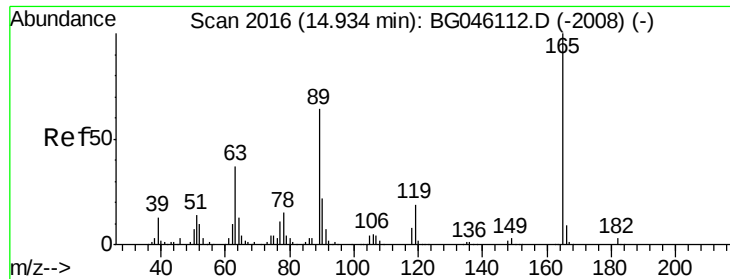
Tot Ion:172 Resp: 1479727
Ion Ratio Lower Upper
172 100
171 39.4 31.7 47.5
170 25.7 20.9 31.3



#50
Dimethylphthalate
Concen: 14.137 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG046194.D
Acq: 7 Aug 2020 15:34

Tgt Ion:163 Resp: 281850
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 10.5 8.8 13.2

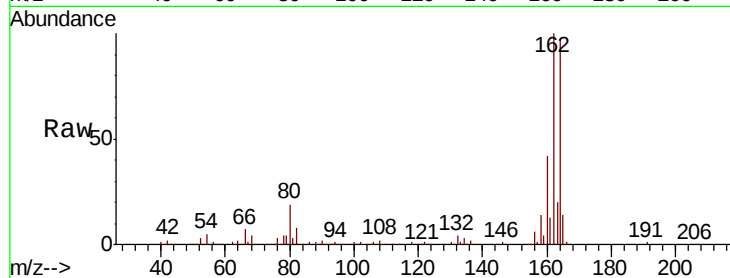




#57
 2,4-Dinitrotoluene
 Concen: 5.464 ng
 RT: 14.57 min Scan# 1955
 Delta R.T. -0.36 min
 Lab File: BG046194.D
 Acq: 7 Aug 2020 15:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	30.1	45.1#
89	0.9	51.4	77.2#
182	0.0	2.3	3.5#

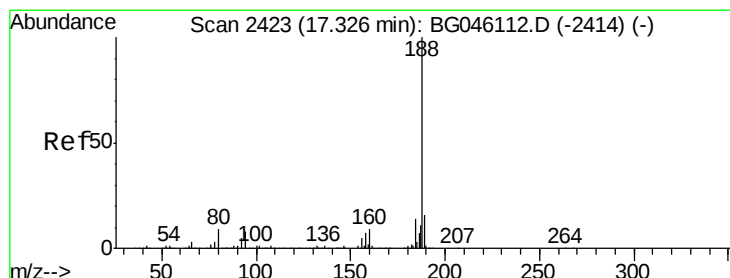
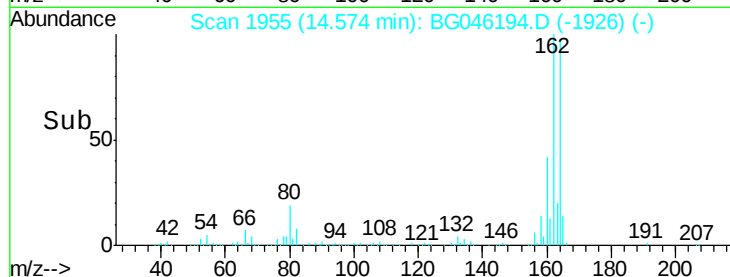
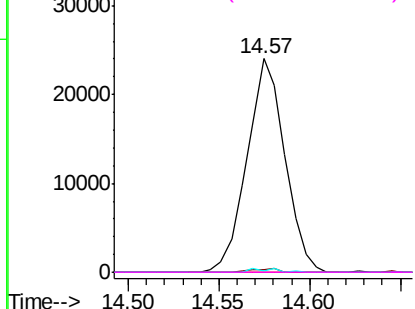


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

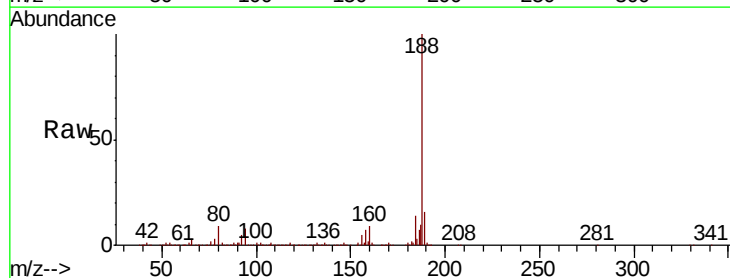
Ion 89.00 (88.70 to 89.70): BGC

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: BG046194.D
 Acq: 7 Aug 2020 15:34

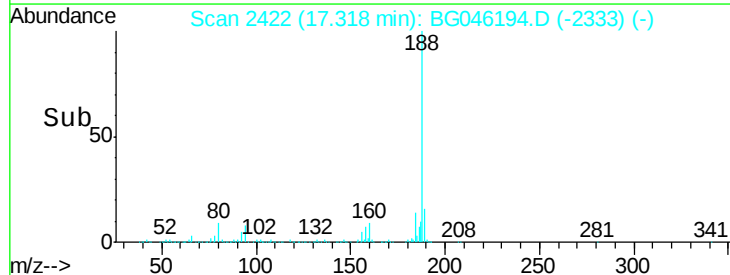
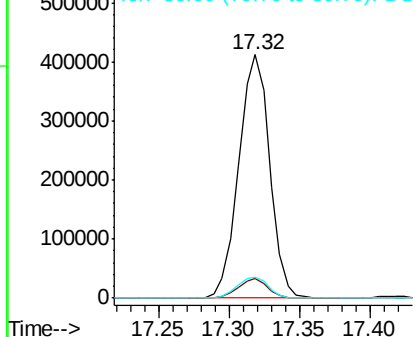
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.4	9.6
80	8.6	7.4	11.0

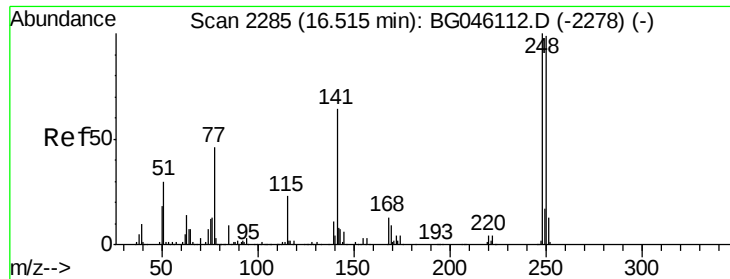


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

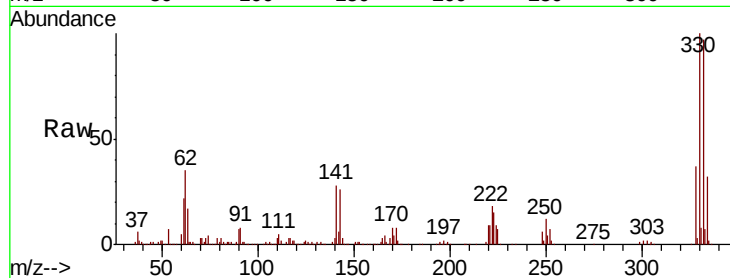




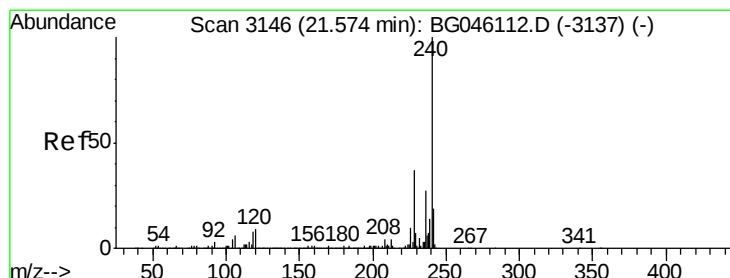
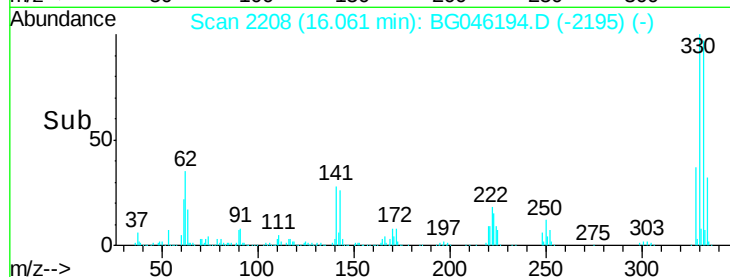
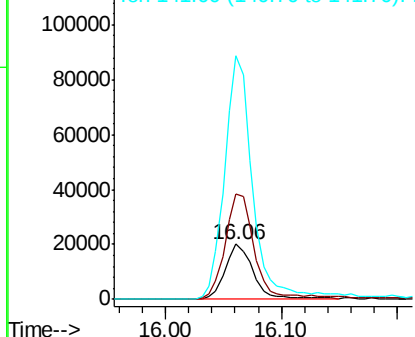
#67
4-Bromophenyl-phenylether
Concen: 4.422 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BG046194.D
Acq: 7 Aug 2020 15:34

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:248 Resp: 34437
Ion Ratio Lower Upper
248 100
250 191.0 79.4 119.0#
141 440.0 50.9 76.3#

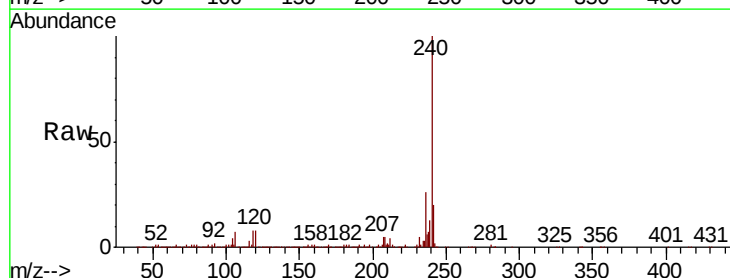


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

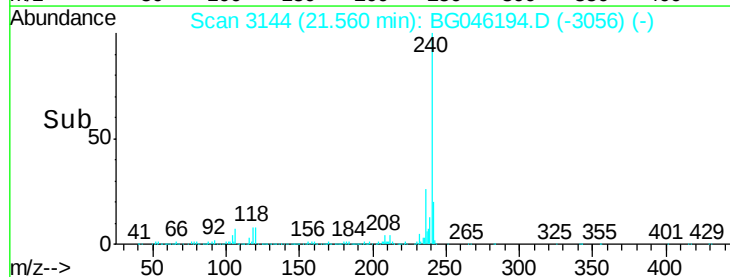
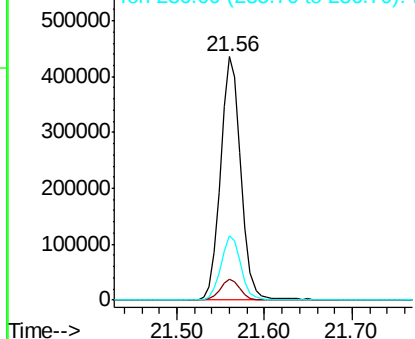


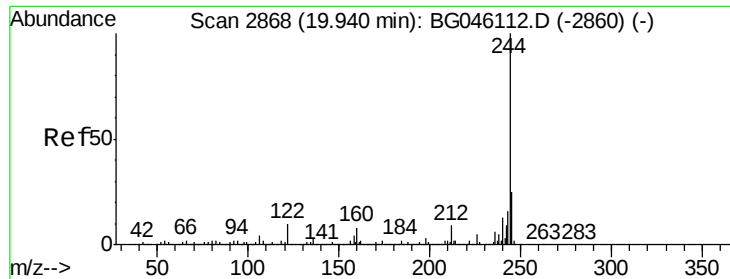
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG046194.D
Acq: 7 Aug 2020 15:34

Tgt Ion:240 Resp: 701835
Ion Ratio Lower Upper
240 100
120 8.5 7.1 10.7
236 26.5 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: 67.477 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046194.D

Acq: 7 Aug 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-1

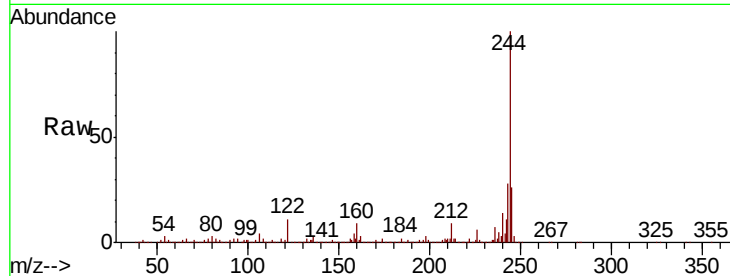
Tot Ion:244 Resp: 2325300

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

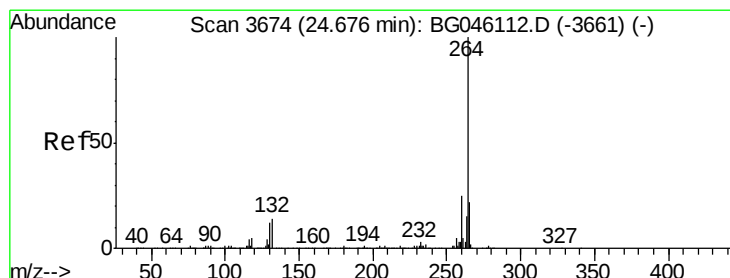
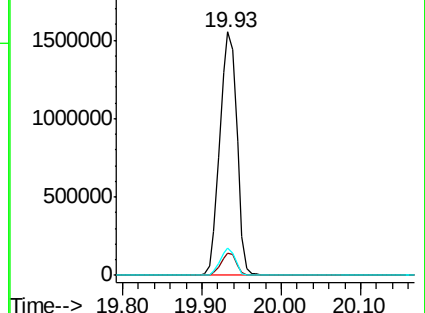
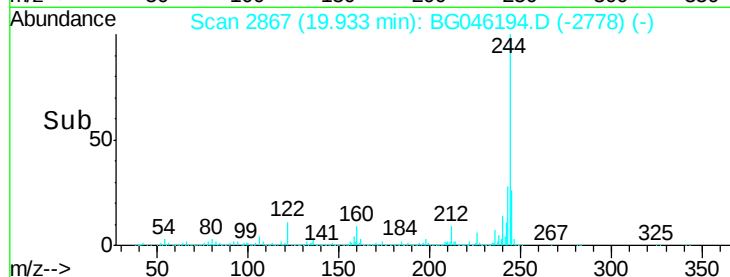
122 11.0 8.3 12.5



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

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG046194.D

Acq: 7 Aug 2020 15:34

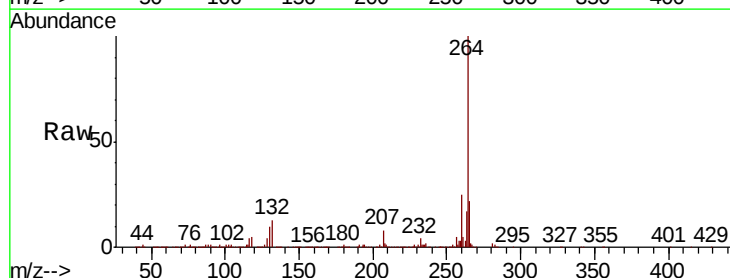
Tgt Ion:264 Resp: 730973

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 22.3 17.6 26.4



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

