

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046128.D
 Acq On : 31 Jul 2020 16:46
 Operator : CG/JU
 Sample : L3491-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-D

Quant Time: Jul 31 17:52:47 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

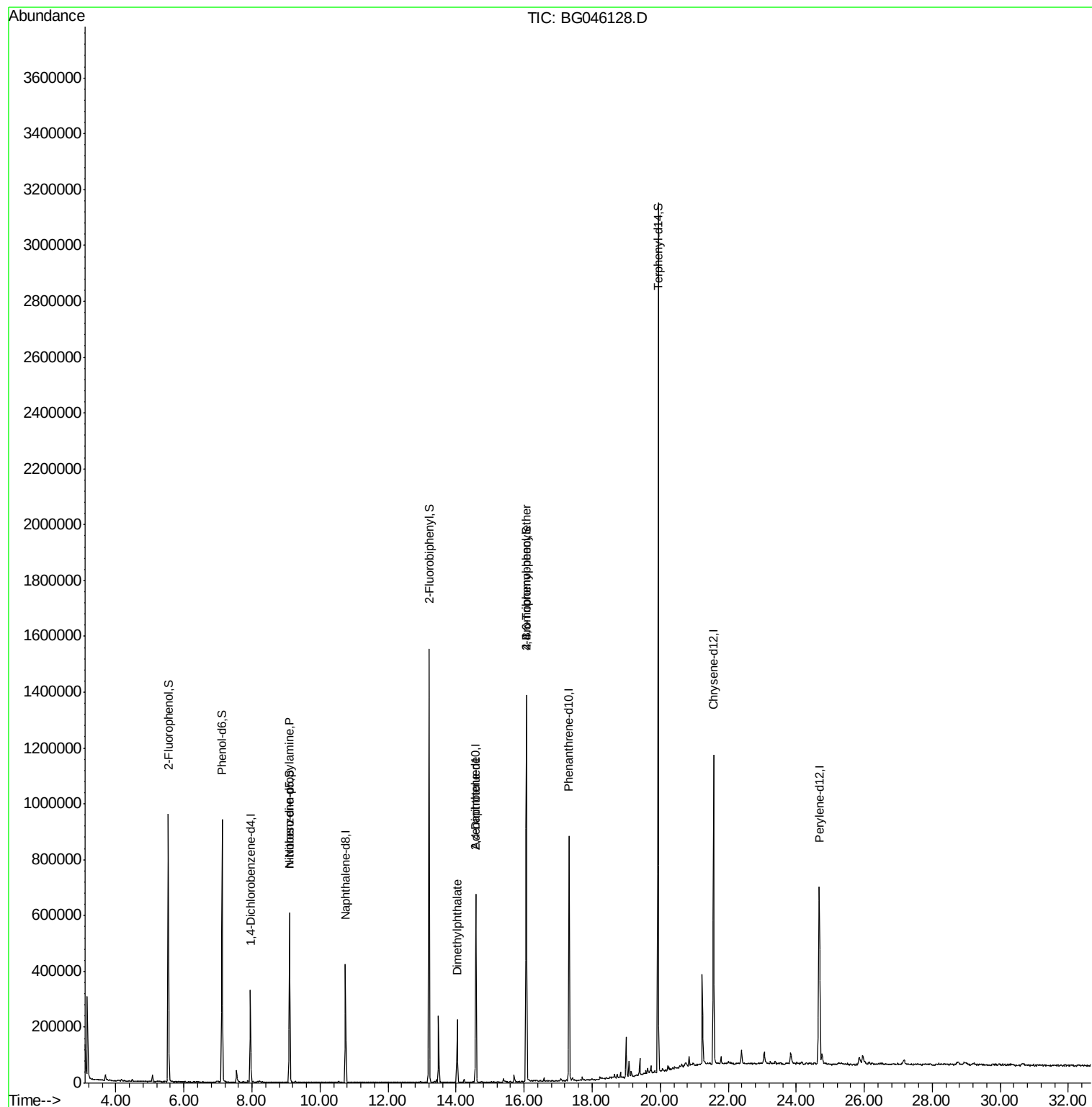
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	97496	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	372680	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	233607	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	552082	20.00	ng	0.00
76) Chrysene-d12	21.57	240	649797	20.00	ng	0.00
86) Perylene-d12	24.67	264	665596	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	422942	75.41	ng	0.00
7) Phenol-d6	7.12	99	551280	72.12	ng	0.00
23) Nitrobenzene-d5	9.10	82	365392	53.08	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	289641	80.72	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	826874	51.42	ng	0.00
79) Terphenyl-d14	19.94	244	1377824	43.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	47322	9.513	ng	# 79
50) Dimethylphthalate	14.03	163	160659	8.960	ng	# 98
57) 2,4-Dinitrotoluene	14.58	165	30708	5.352	ng	# 29
67) 4-Bromophenyl-phenylether	16.07	248	17993	2.638	ng	# 1

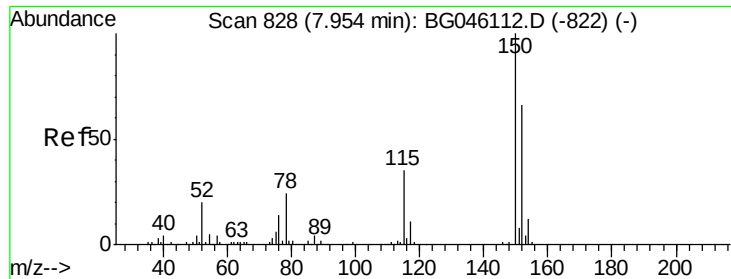
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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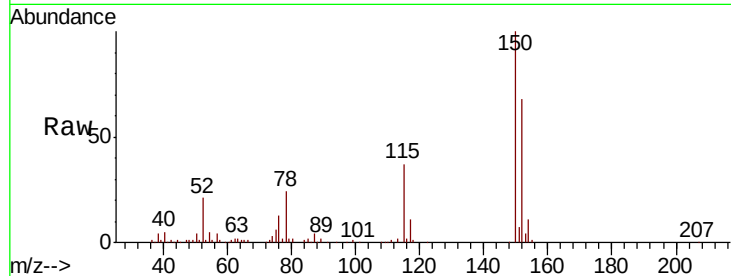


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046128.D
Acq: 31 Jul 2020 16:46

Instrument :
BNA_G
ClientSampleId :
TP-1-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.5	122.1	183.1
115	54.2	43.2	64.8

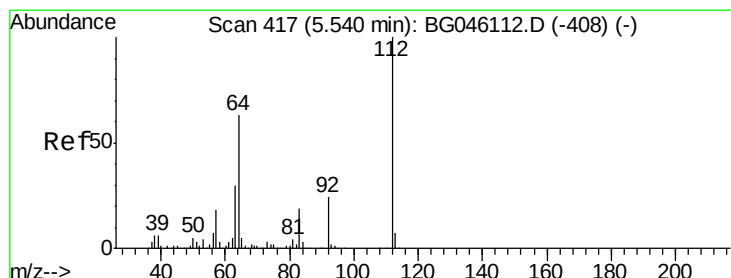
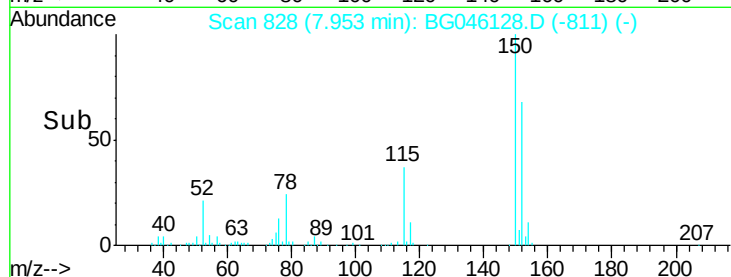
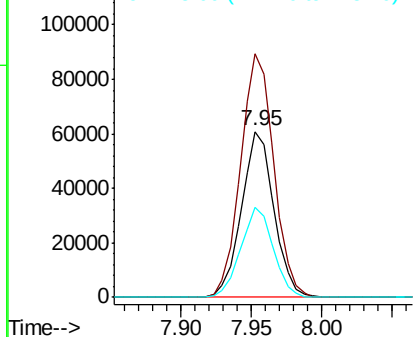


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

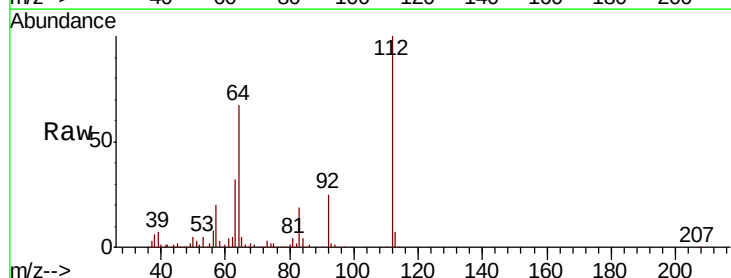
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 75.411 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046128.D
Acq: 31 Jul 2020 16:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.7	50.2	75.2
63	31.6	24.2	36.4

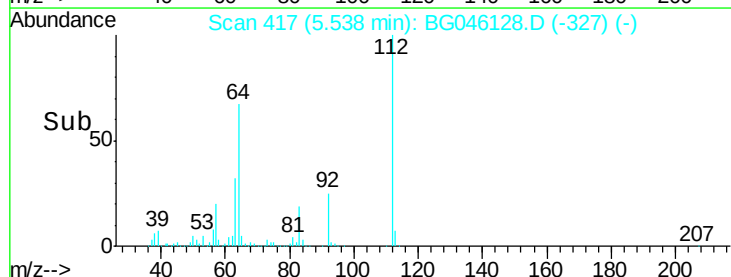
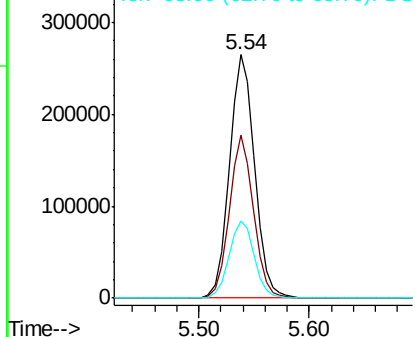


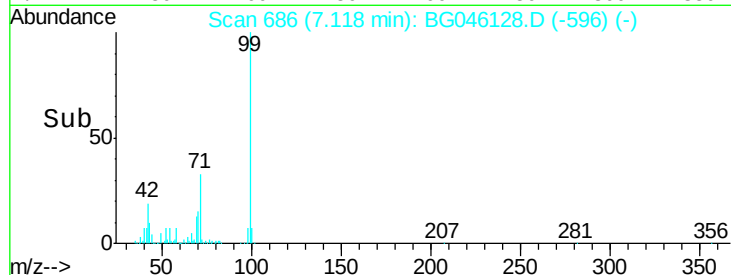
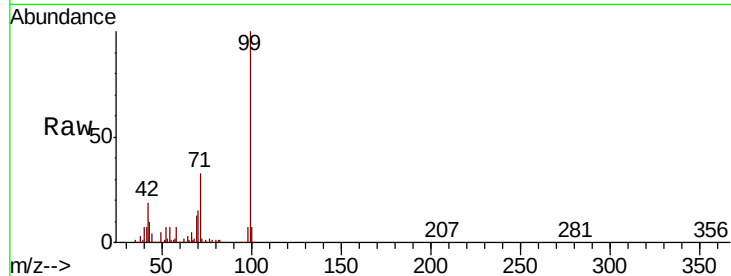
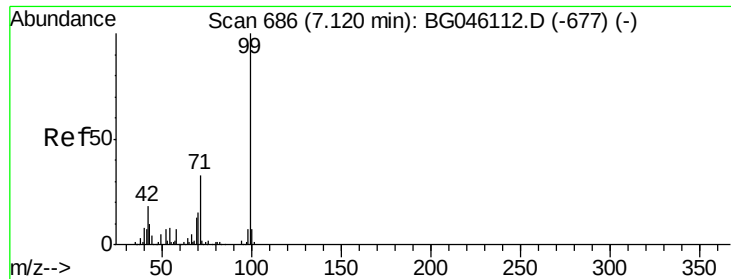
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 72.123 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046128.D

Acq: 31 Jul 2020 16:46

Instrument :

BNA_G

ClientSampleId :

TP-1-D

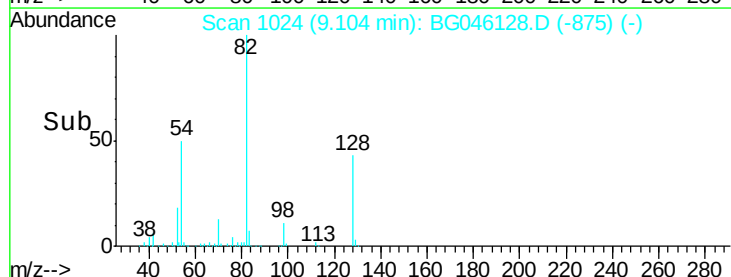
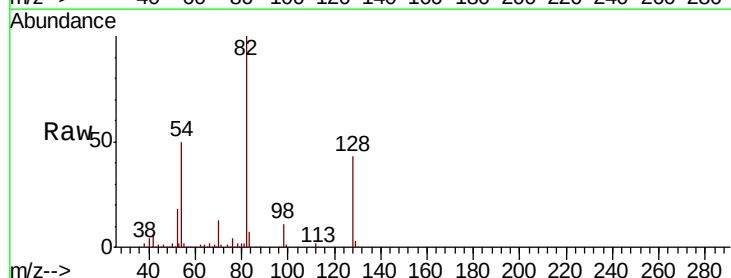
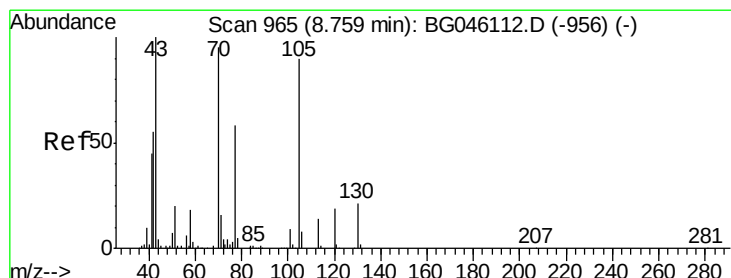
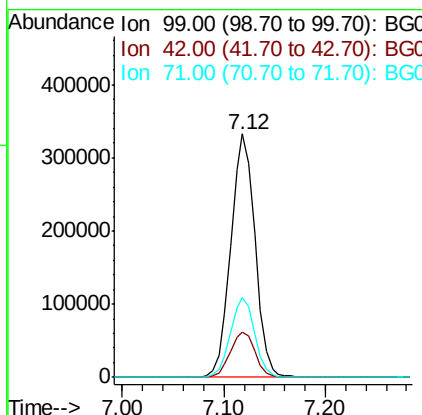
Tot Ion: 99 Resp: 551280

Ion Ratio Lower Upper

99 100

42 18.8 14.7 22.1

71 32.9 26.5 39.7



#19

n-Nitroso-di-n-propylamine

Concen: 9.513 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG046128.D

Acq: 31 Jul 2020 16:46

Tgt Ion: 70 Resp: 47322

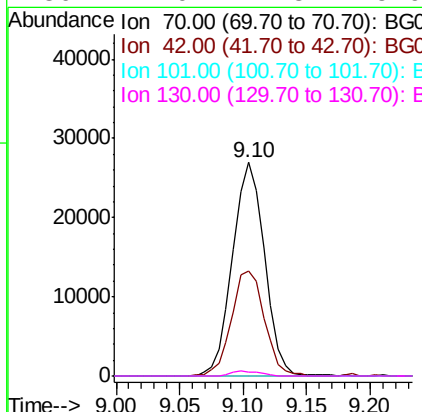
Ion Ratio Lower Upper

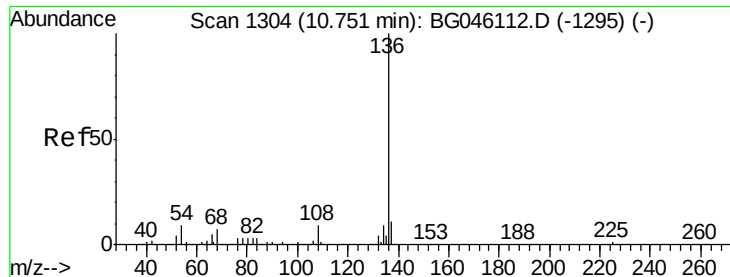
70 100

42 49.2 46.5 69.7

101 0.0 7.6 11.4#

130 2.0 17.3 25.9#

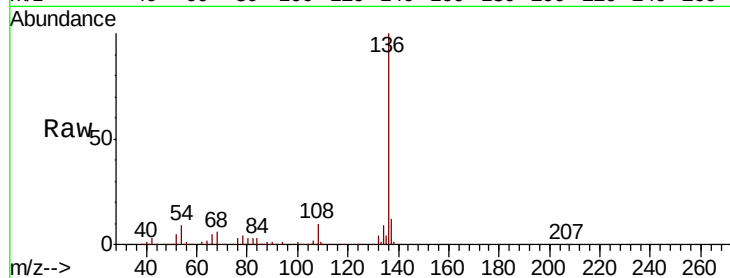




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG046128.D
Acq: 31 Jul 2020 16:46

Instrument :
BNA_G
ClientSampleId :
TP-1-D

Tot Ion:136	Resp:	372680	
Ion Ratio	Lower	Upper	
136 100			
137 11.6	8.8	13.2	
54 9.2	7.0	10.4	
68 5.6	5.3	7.9	



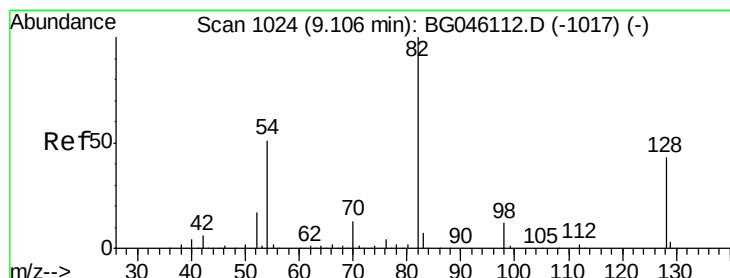
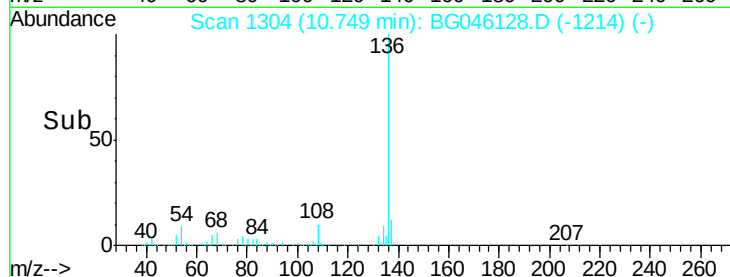
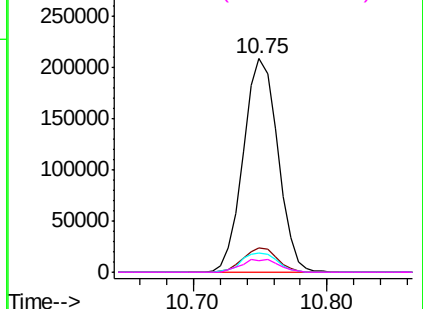
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

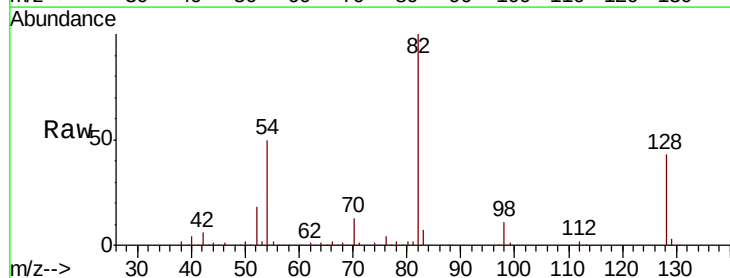
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 53.084 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046128.D
Acq: 31 Jul 2020 16:46

Tgt	Ion: 82	Resp:	365392
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.4	51.6
54	50.4	40.8	61.2

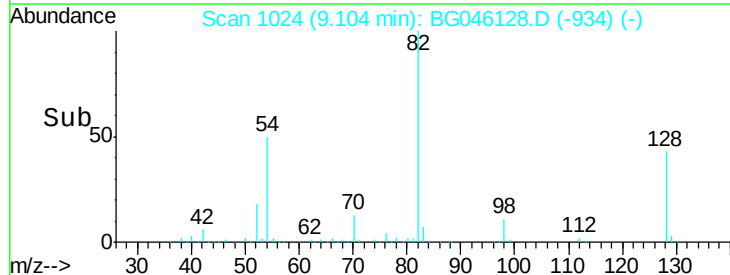
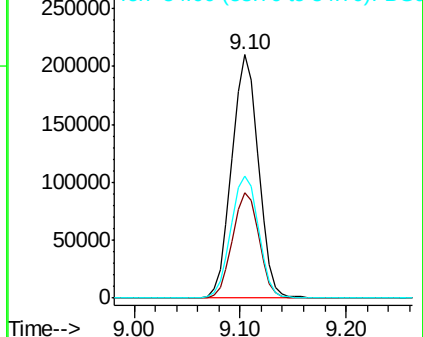


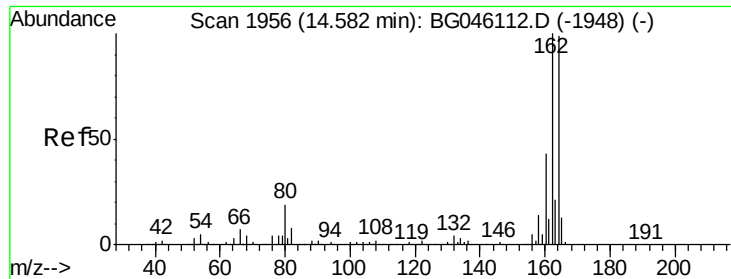
Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG046128.D

Acq: 31 Jul 2020 16:46

Instrument :

BNA_G

ClientSampleId :

TP-1-D

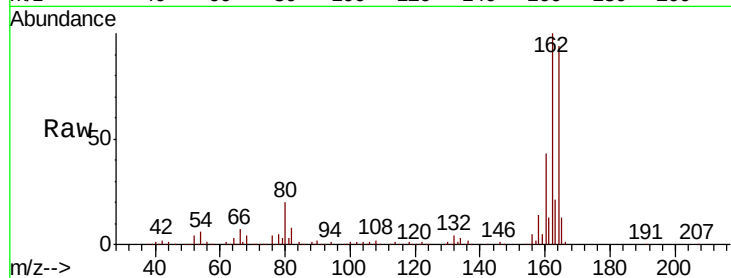
Tot Ion:164 Resp: 233607

Ion Ratio Lower Upper

164 100

162 106.6 80.6 121.0

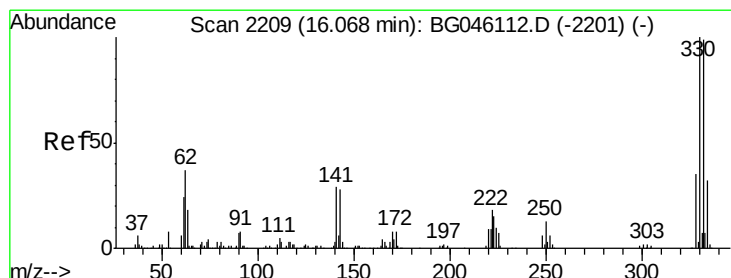
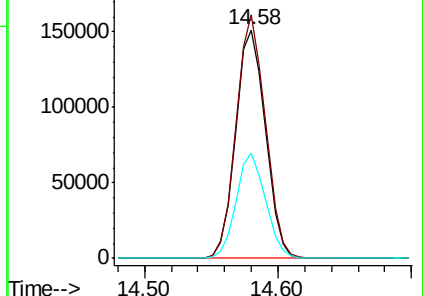
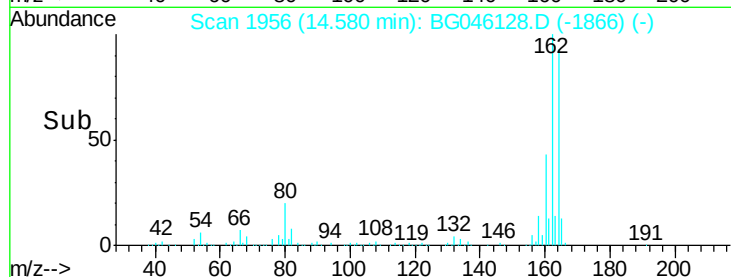
160 46.1 34.9 52.3



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: 80.721 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG046128.D

Acq: 31 Jul 2020 16:46

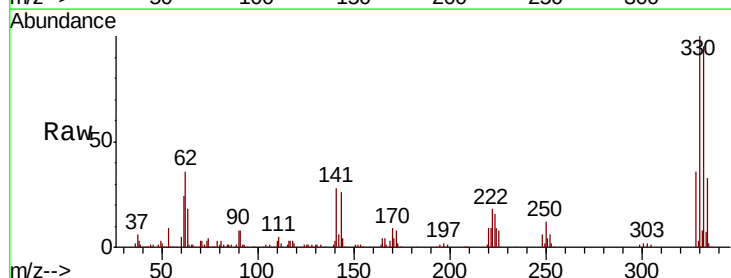
Tgt Ion:330 Resp: 289641

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

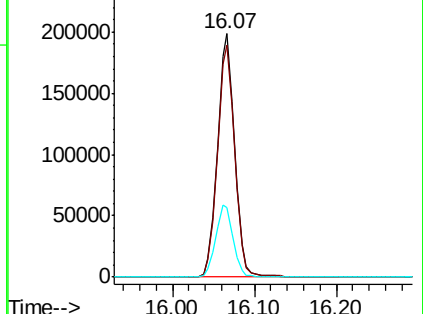
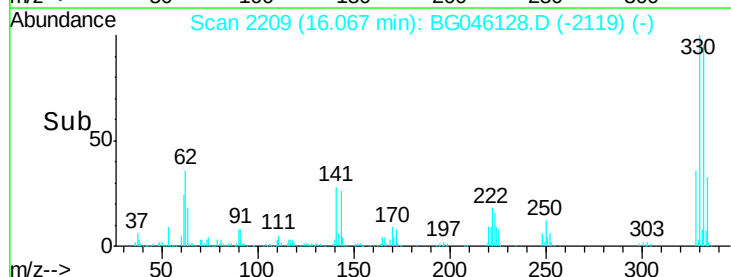
141 30.2 23.4 35.0

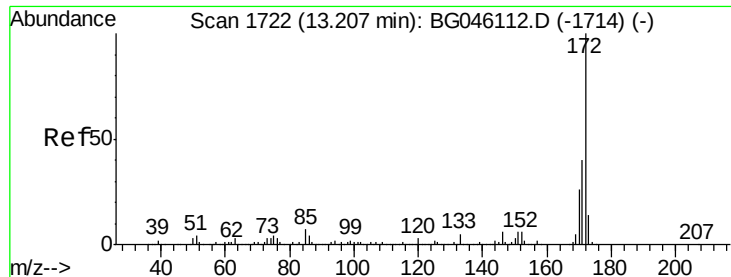


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

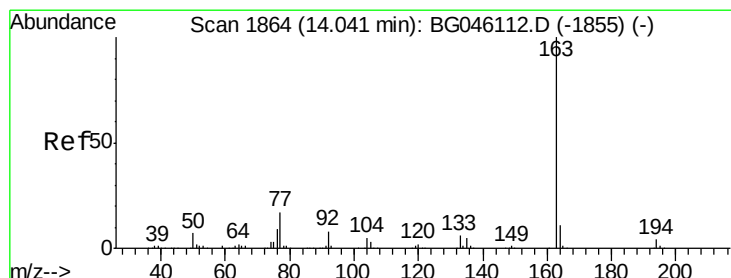
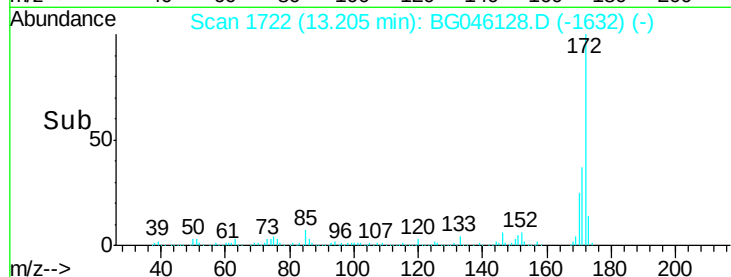
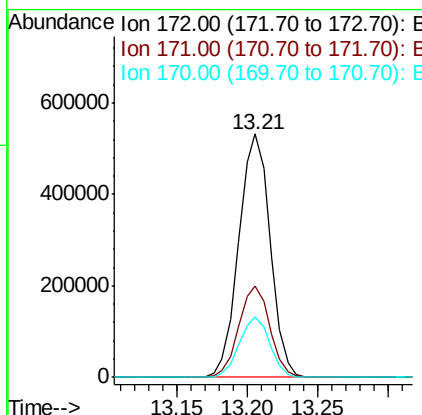
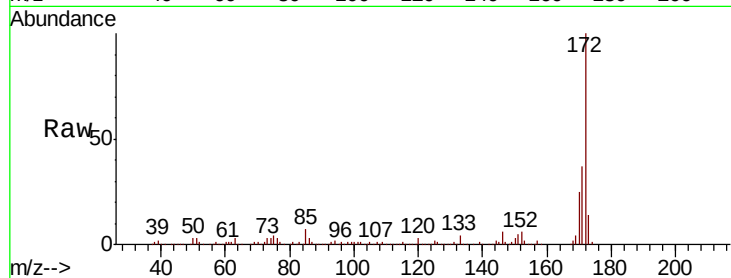




#45
2-Fluorobiphenyl
Concen: 51.417 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG046128.D
Acq: 31 Jul 2020 16:46

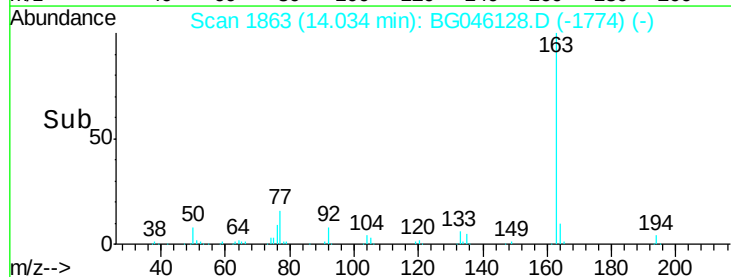
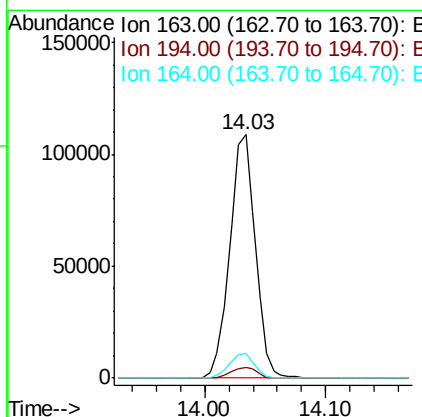
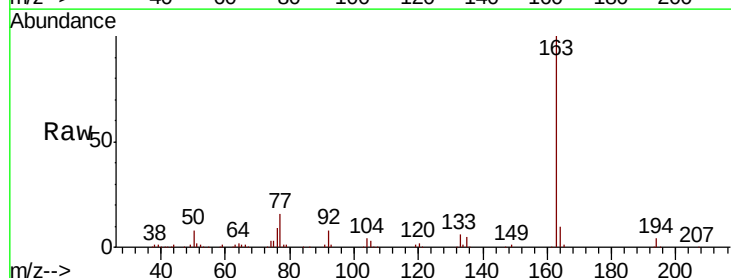
Instrument :
BNA_G
ClientSampleId :
TP-1-D

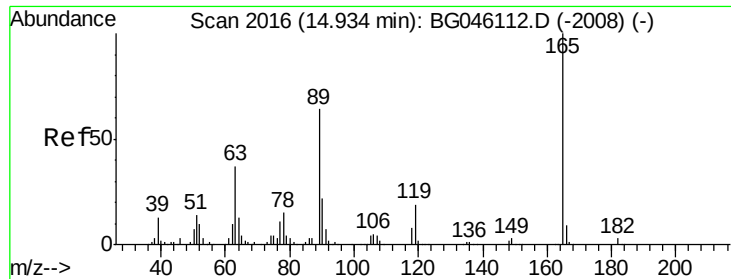
Tot Ion:172 Resp: 826874
Ion Ratio Lower Upper
172 100
171 37.5 31.7 47.5
170 25.0 20.9 31.3



#50
Dimethylphthalate
Concen: 8.960 ng
RT: 14.03 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BG046128.D
Acq: 31 Jul 2020 16:46

Tgt Ion:163 Resp: 160659
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.0 8.8 13.2

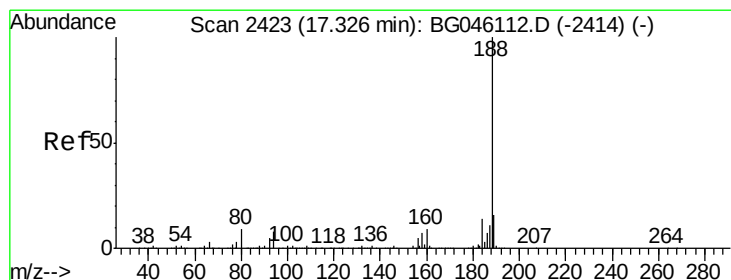
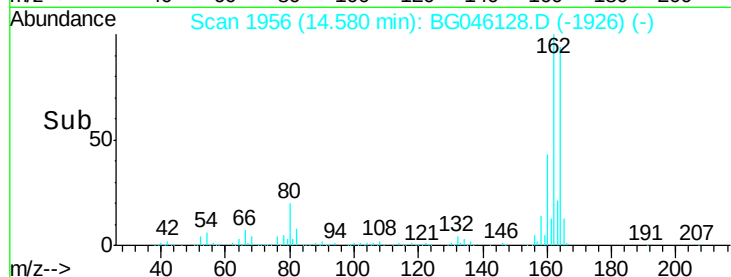
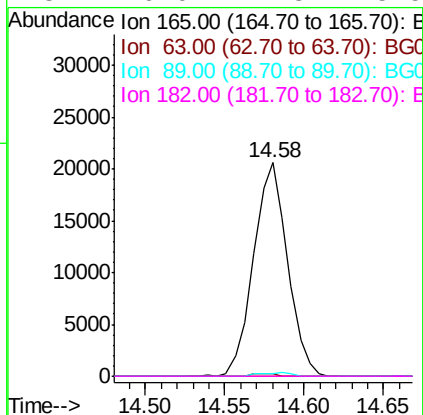
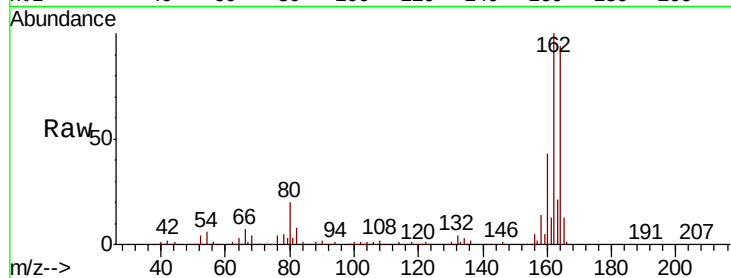




#57
 2,4-Dinitrotoluene
 Concen: 5.352 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.35 min
 Lab File: BG046128.D
 Acq: 31 Jul 2020 16:46

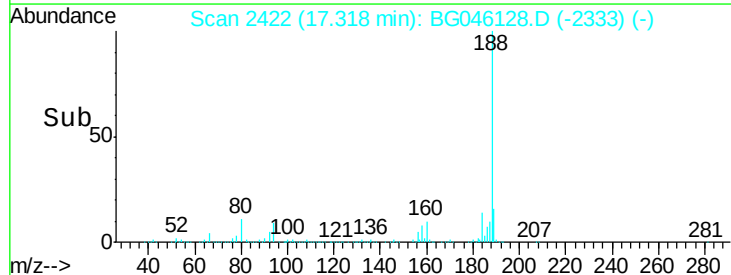
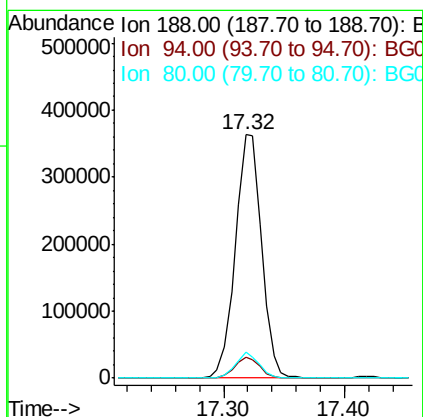
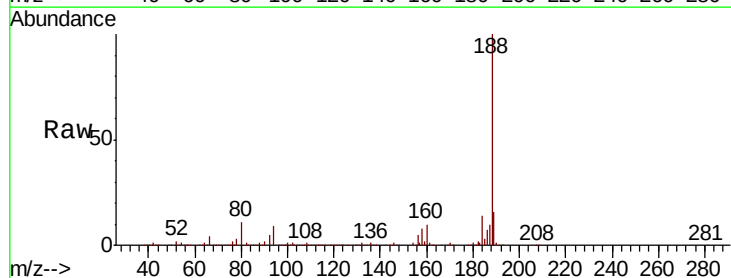
Instrument :
 BNA_G
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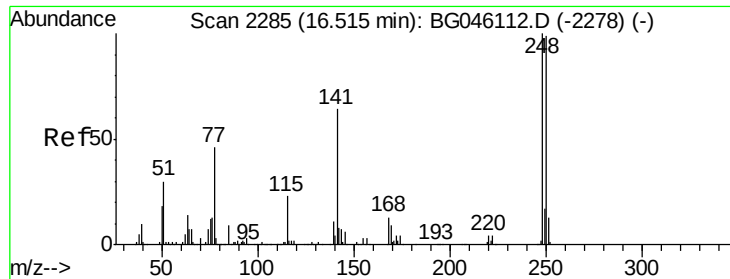
Tot Ion:165 Resp: 30708
 Ion Ratio Lower Upper
 165 100
 63 1.5 30.1 45.1#
 89 1.1 51.4 77.2#
 182 0.0 2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG046128.D
 Acq: 31 Jul 2020 16:46

Tgt Ion:188 Resp: 552082
 Ion Ratio Lower Upper
 188 100
 94 8.7 6.4 9.6
 80 10.5 7.4 11.0





#67

4-Bromophenyl-phenylether

Concen: 2.638 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.45 min

Lab File: BG046128.D

Acq: 31 Jul 2020 16:46

Instrument :

BNA_G

ClientSampleId :

TP-1-D

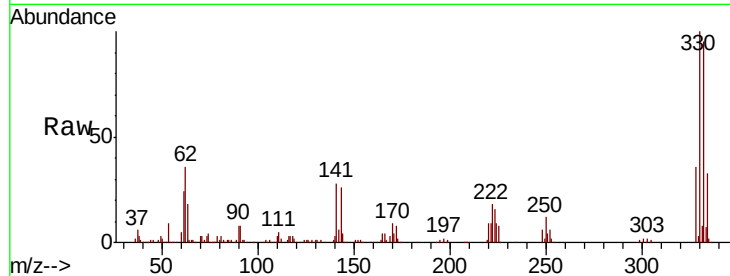
Tot Ion:248 Resp: 17993

Ion Ratio Lower Upper

248 100

250 195.3 79.4 119.0#

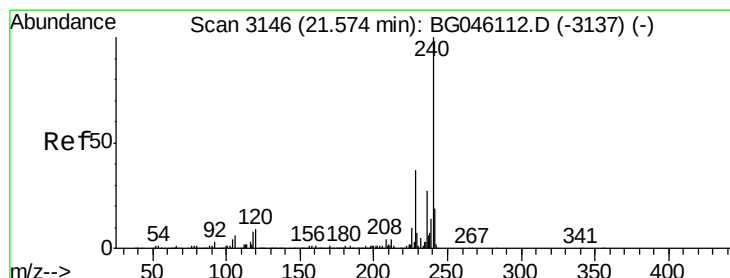
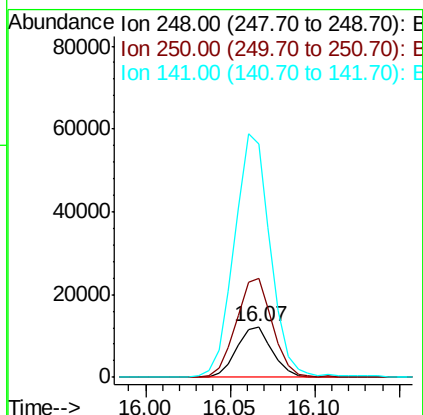
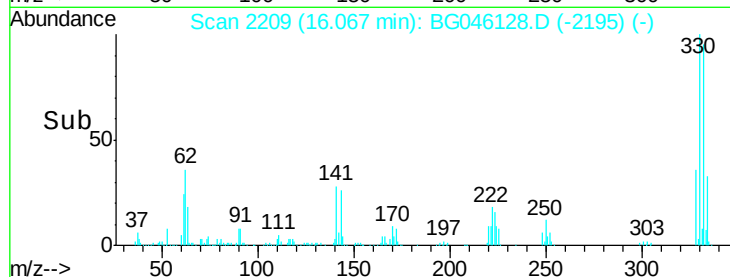
141 460.8 50.9 76.3#



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: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG046128.D

Acq: 31 Jul 2020 16:46

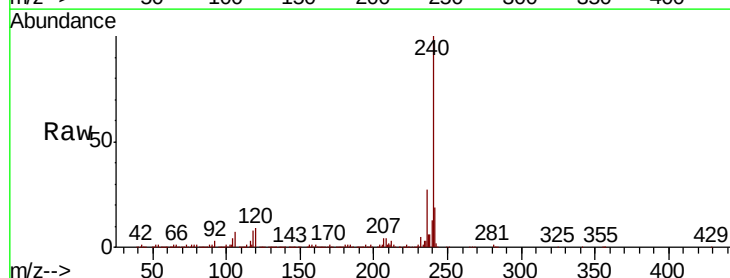
Tgt Ion:240 Resp: 649797

Ion Ratio Lower Upper

240 100

120 9.4 7.1 10.7

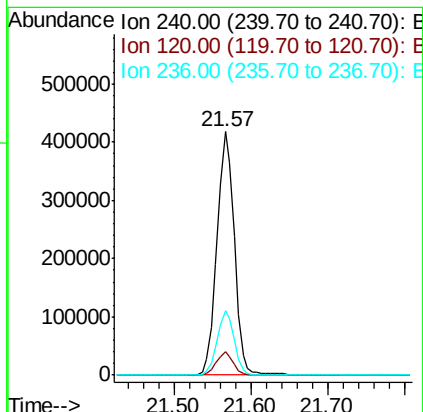
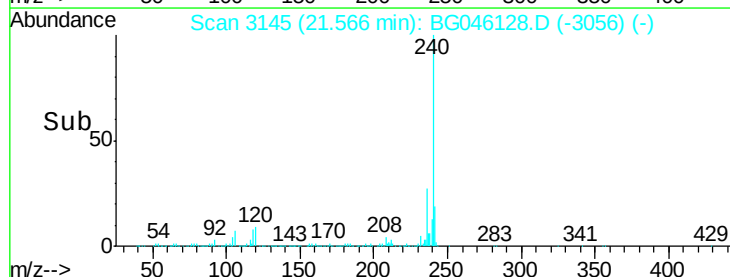
236 26.6 21.7 32.5

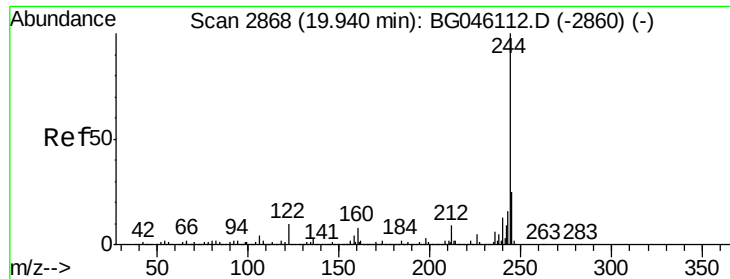


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 43.185 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG046128.D

Acq: 31 Jul 2020 16:46

Instrument :

BNA_G

ClientSampleId :

TP-1-D

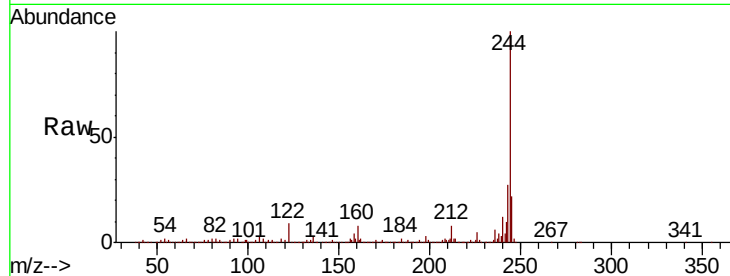
Tot Ion:244 Resp: 1377824

Ion Ratio Lower Upper

244 100

212 8.2 7.2 10.8

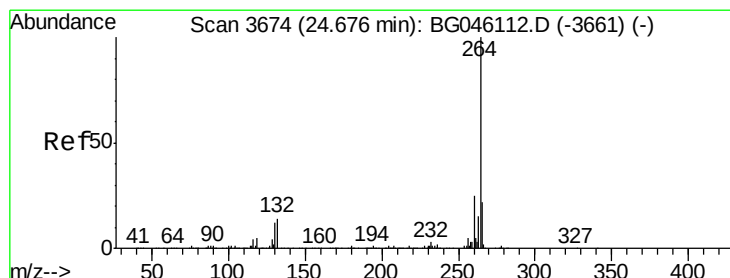
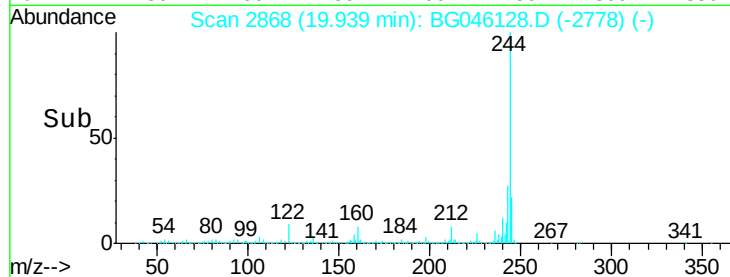
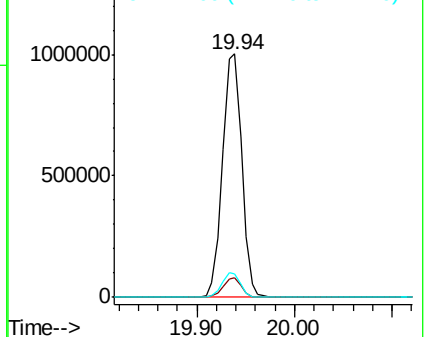
122 9.4 8.3 12.5



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# 3674

Delta R.T. -0.00 min

Lab File: BG046128.D

Acq: 31 Jul 2020 16:46

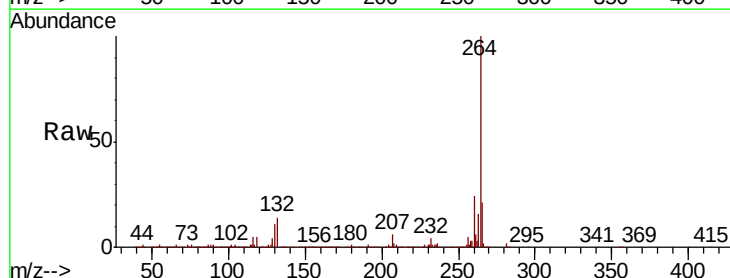
Tgt Ion:264 Resp: 665596

Ion Ratio Lower Upper

264 100

260 24.0 19.7 29.5

265 21.1 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

