

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
 Data File : BG046200.D
 Acq On : 7 Aug 2020 19:36
 Operator : CG/JU
 Sample : PB130810TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130810TB

Quant Time: Aug 08 00:23:29 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

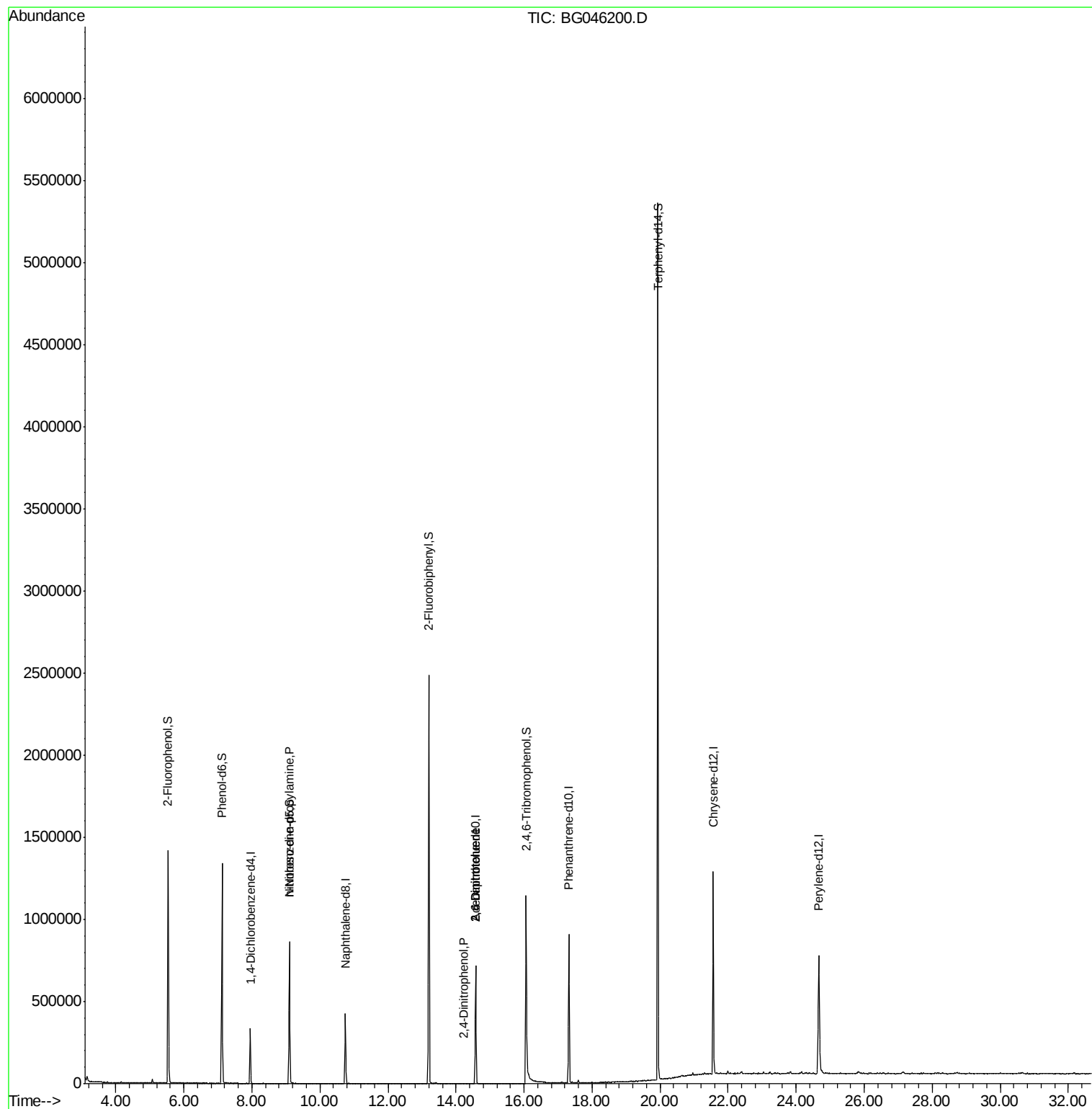
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	104777	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	390574	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	252424	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	608460	20.00	ng	-0.01
76) Chrysene-d12	21.56	240	745567	20.00	ng	-0.01
86) Perylene-d12	24.66	264	749450	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	678615	112.59	ng	0.00
7) Phenol-d6	7.12	99	835825	101.75	ng	0.00
23) Nitrobenzene-d5	9.10	82	541282	75.03	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	331696	85.55	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1336030	76.88	ng	0.00
79) Terphenyl-d14	19.94	244	2338963	63.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	68822	12.873	ng	# 75
51) 2,6-Dinitrotoluene	14.58	165	33857	7.509	ng	# 29
54) 2,4-Dinitrophenol	14.22	184	66	7.088	ng	# 28
57) 2,4-Dinitrotoluene	14.58	165	33857	5.461	ng	# 28

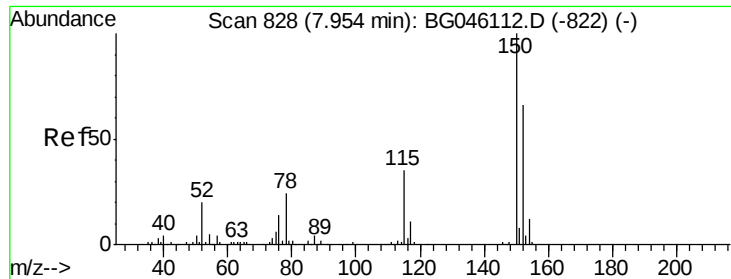
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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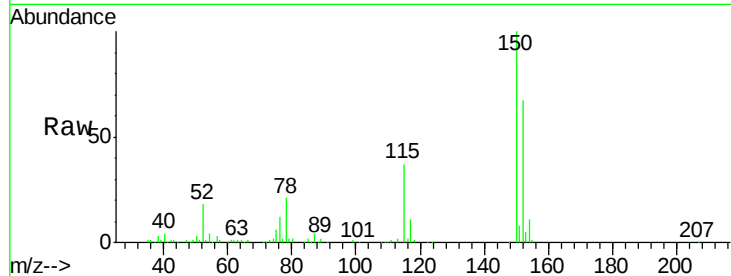


#1

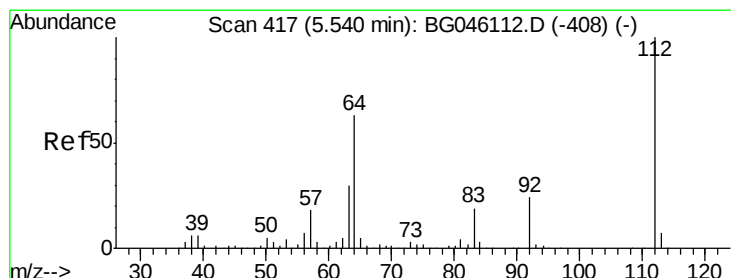
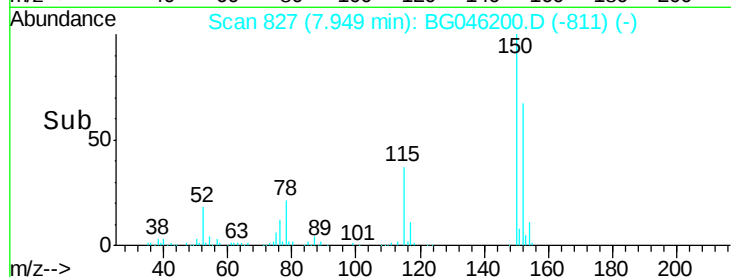
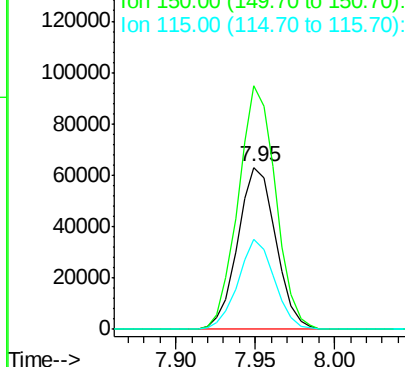
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG046200.D
Acq: 7 Aug 2020 19:36

Instrument :
BNA_G
ClientSampleId :
PB130810TB

Tot Ion:152 Resp: 104777
Ion Ratio Lower Upper
152 100
150 150.2 122.1 183.1
115 55.3 43.2 64.8



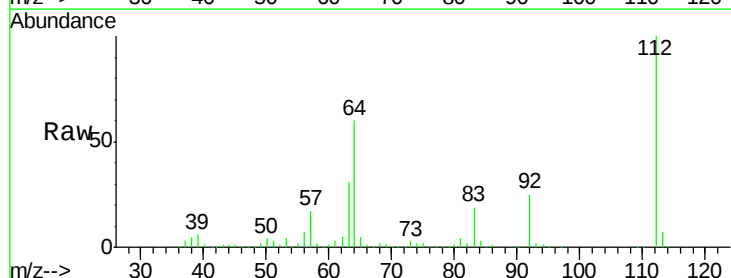
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



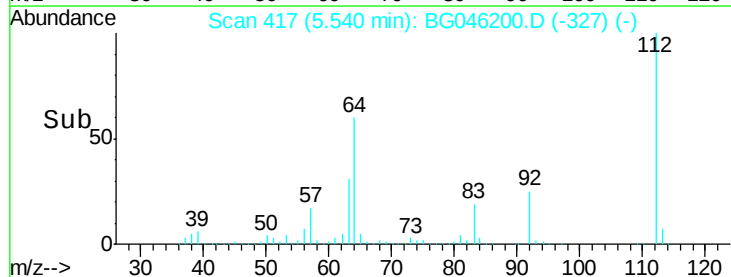
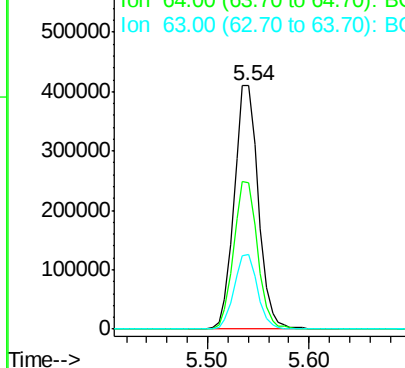
#5

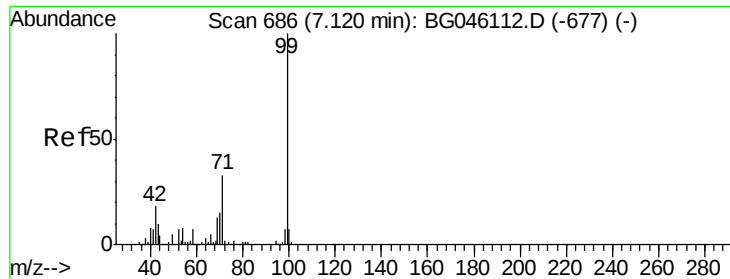
2-Fluorophenol
Concen: 112.590 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG046200.D
Acq: 7 Aug 2020 19:36

Tgt Ion:112 Resp: 678615
Ion Ratio Lower Upper
112 100
64 60.4 50.2 75.2
63 30.7 24.2 36.4



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: 101.751 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046200.D

Acq: 7 Aug 2020 19:36

Instrument :

BNA_G

ClientSampleId :

PB130810TB

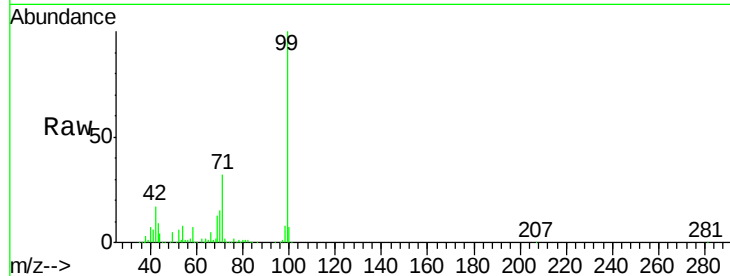
Tot Ion: 99 Resp: 835825

Ion Ratio Lower Upper

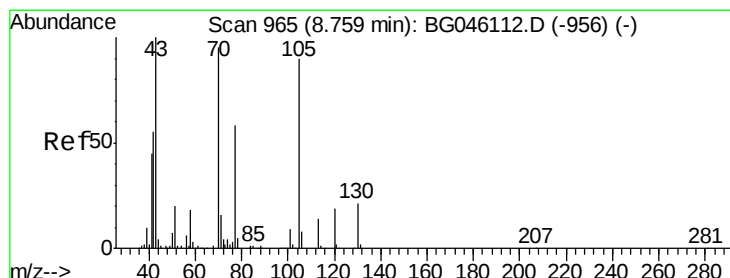
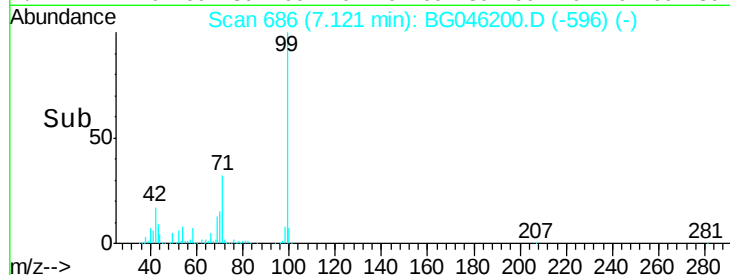
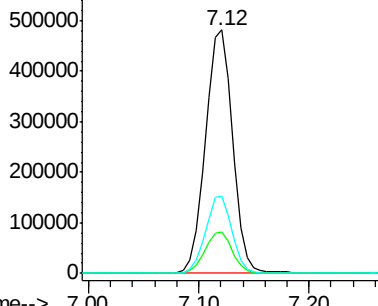
99 100

42 16.9 14.7 22.1

71 31.9 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: 12.873 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.34 min

Lab File: BG046200.D

Acq: 7 Aug 2020 19:36

Tgt Ion: 70 Resp: 68822

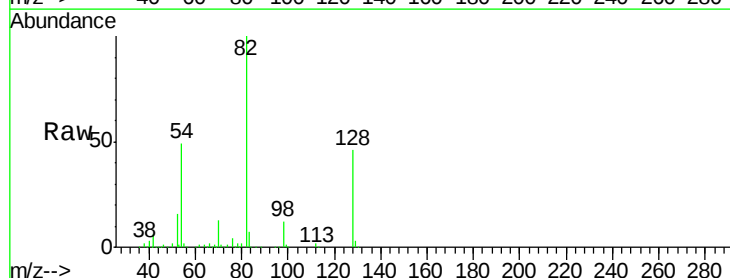
Ion Ratio Lower Upper

70 100

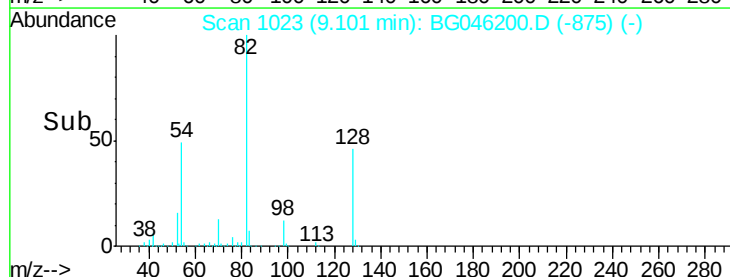
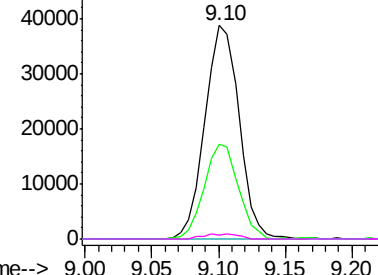
42 44.4 46.5 69.7#

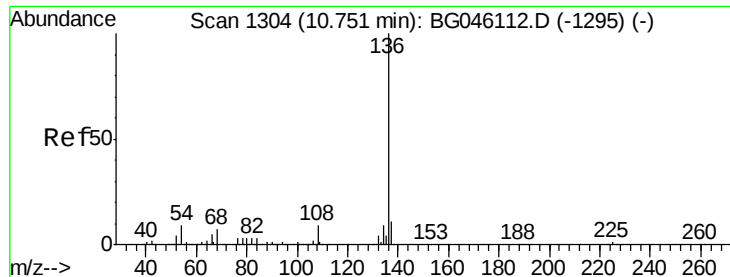
101 0.0 7.6 11.4#

130 1.9 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

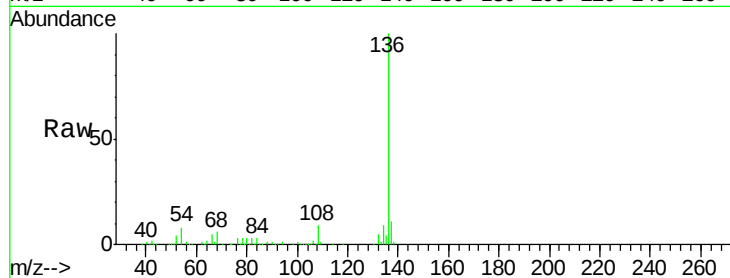




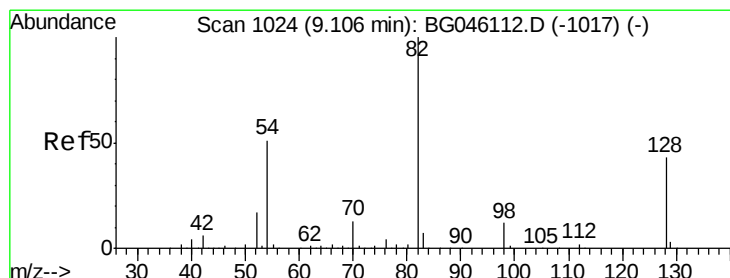
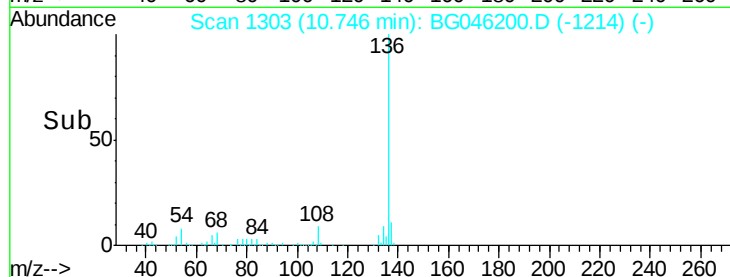
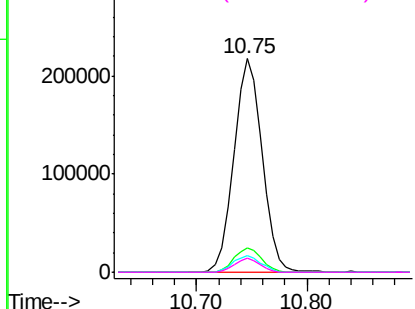
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG046200.D
Acq: 7 Aug 2020 19:36

Instrument :
BNA_G
ClientSampleId :
PB130810TB

Tot Ion:136	Resp:	390574
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.8 13.2
54	7.8	7.0 10.4
68	6.3	5.3 7.9

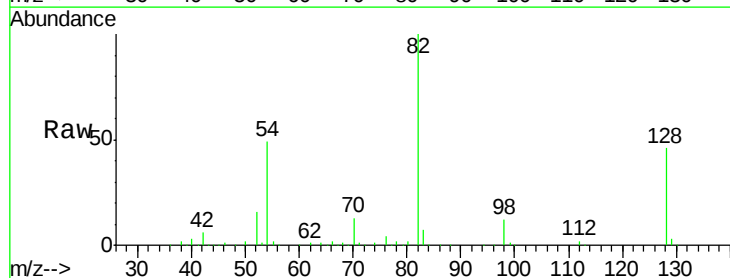


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

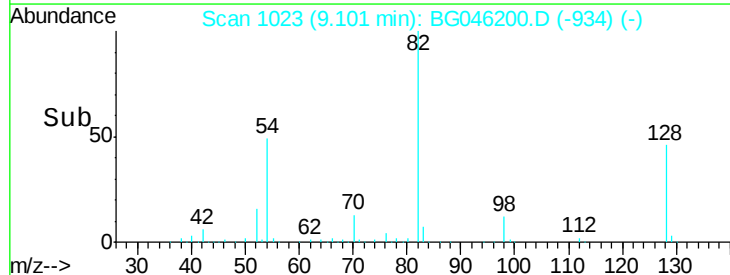
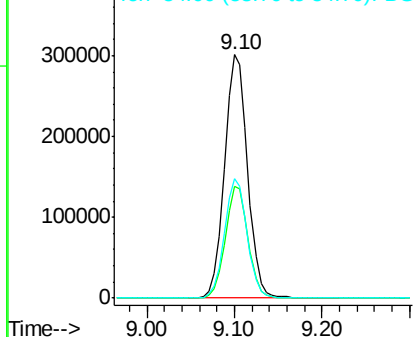


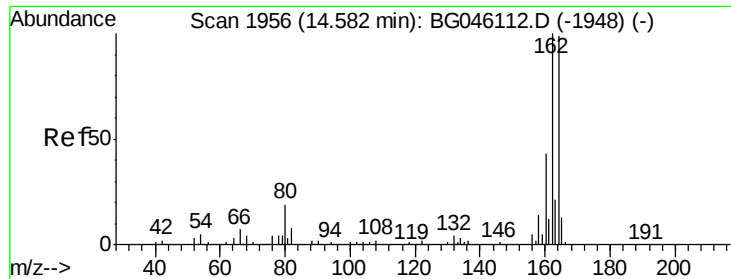
#23
Nitrobenzene-d5
Concen: 75.034 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG046200.D
Acq: 7 Aug 2020 19:36

Tgt Ion: 82	Resp:	541282
Ion	Ratio	Lower Upper
82	100	
128	46.1	34.4 51.6
54	49.3	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# 1955

Delta R.T. -0.01 min

Lab File: BG046200.D

Acq: 7 Aug 2020 19:36

Instrument :

BNA_G

ClientSampleId :

PB130810TB

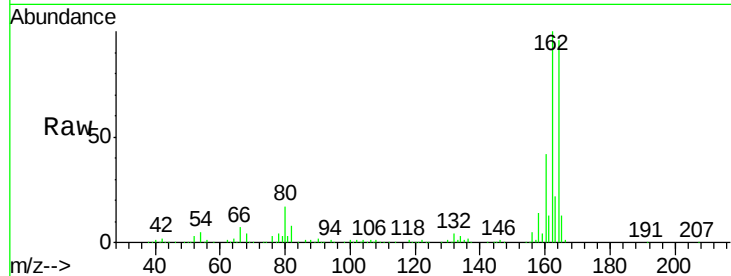
Tot Ion:164 Resp: 252424

Ion Ratio Lower Upper

164 100

162 103.9 80.6 121.0

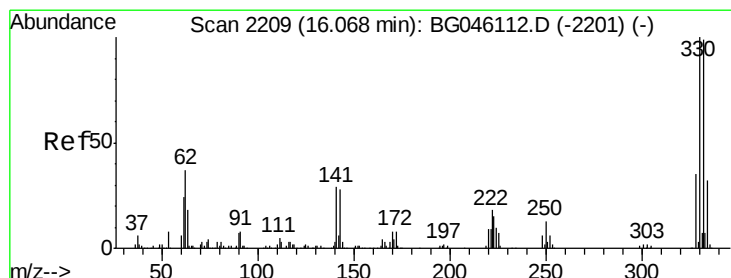
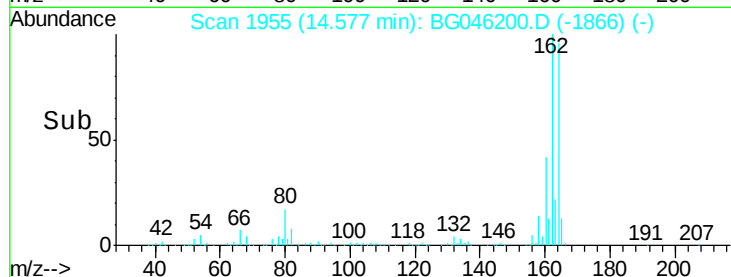
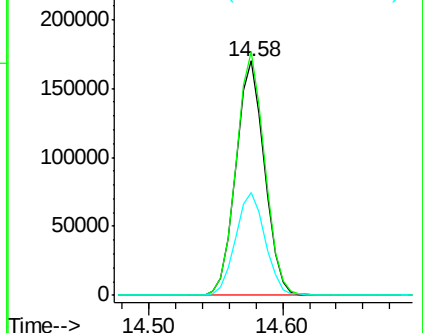
160 44.1 34.9 52.3



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: 85.551 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046200.D

Acq: 7 Aug 2020 19:36

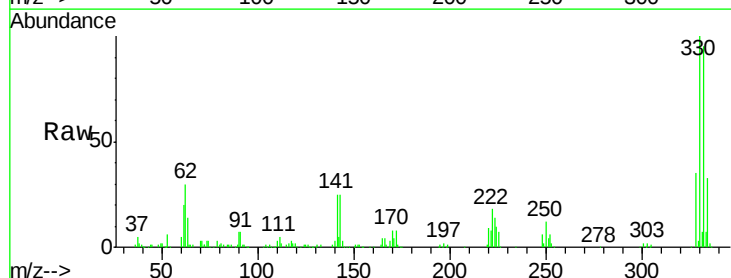
Tgt Ion:330 Resp: 331696

Ion Ratio Lower Upper

330 100

332 94.1 77.4 116.2

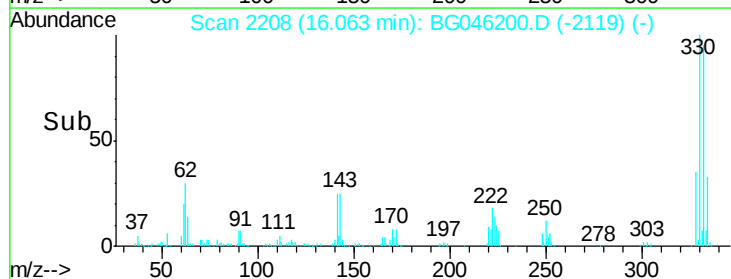
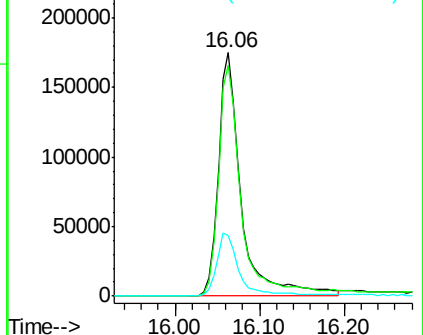
141 26.5 23.4 35.0

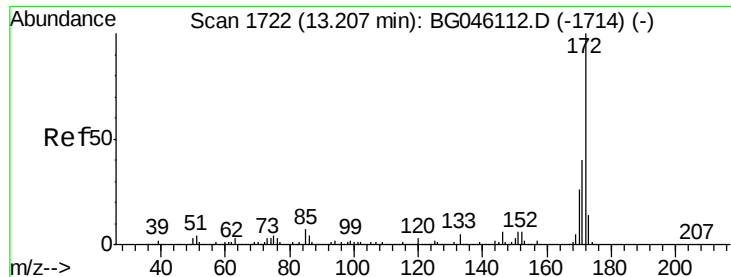


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

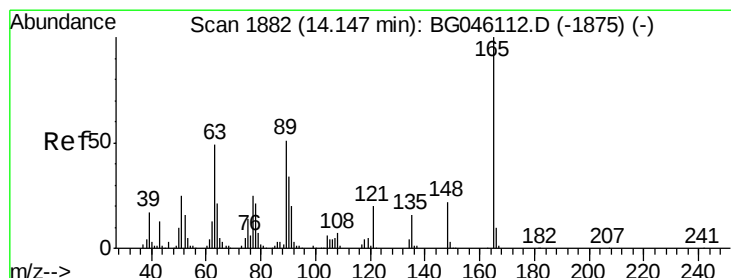
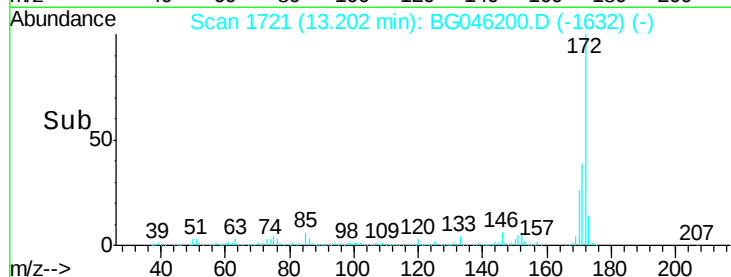
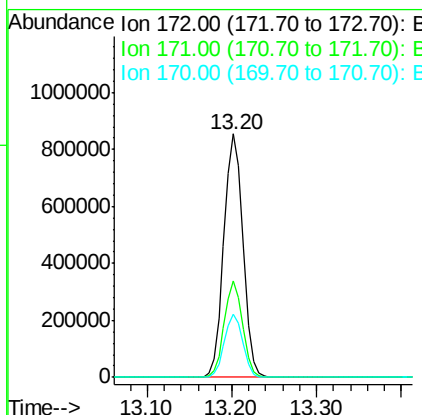
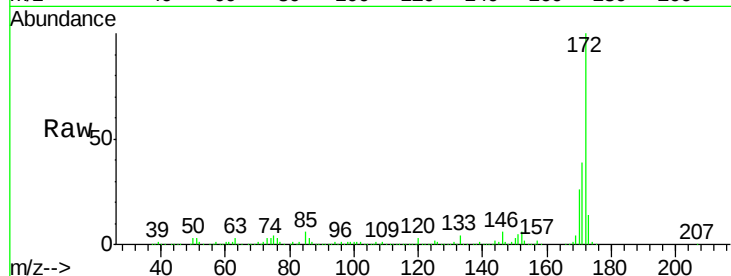




#45
2-Fluorobiphenyl
Concen: 76.885 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG046200.D
Acq: 7 Aug 2020 19:36

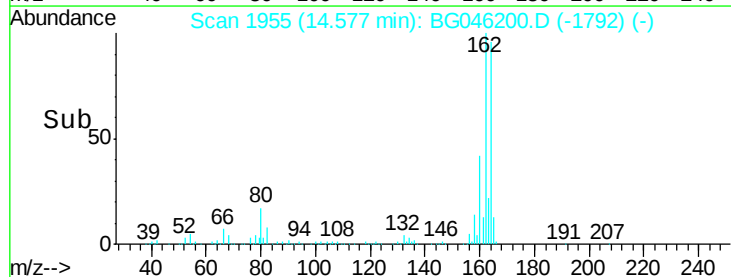
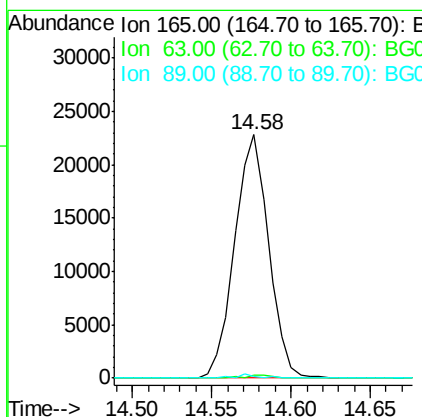
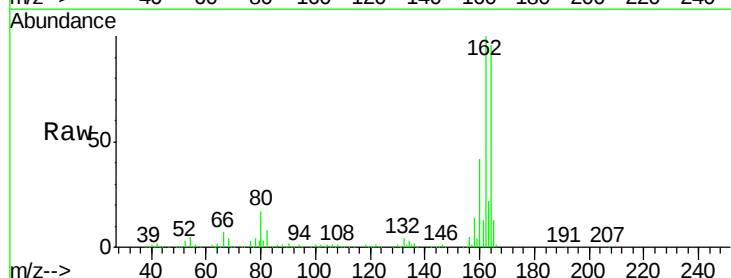
Instrument :
BNA_G
ClientSampleId :
PB130810TB

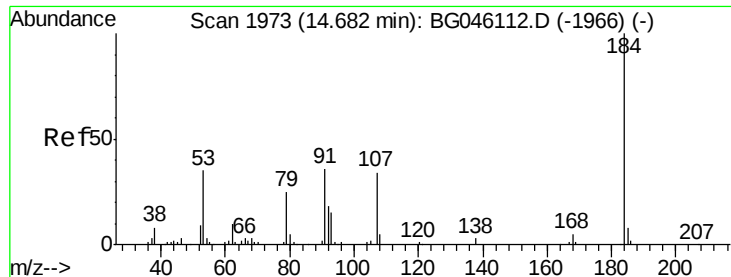
Tot Ion:172 Resp: 1336030
Ion Ratio Lower Upper
172 100
171 39.3 31.7 47.5
170 26.0 20.9 31.3



#51
2,6-Dinitrotoluene
Concen: 7.509 ng
RT: 14.58 min Scan# 1955
Delta R.T. 0.43 min
Lab File: BG046200.D
Acq: 7 Aug 2020 19:36

Tgt Ion:165 Resp: 33857
Ion Ratio Lower Upper
165 100
63 1.4 39.7 59.5#
89 0.8 41.0 61.6#

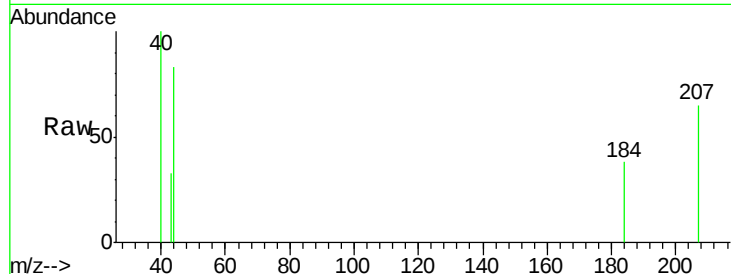




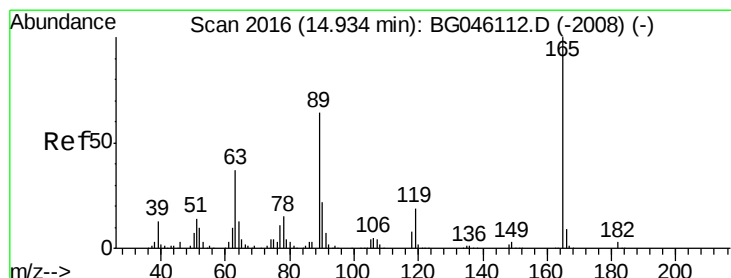
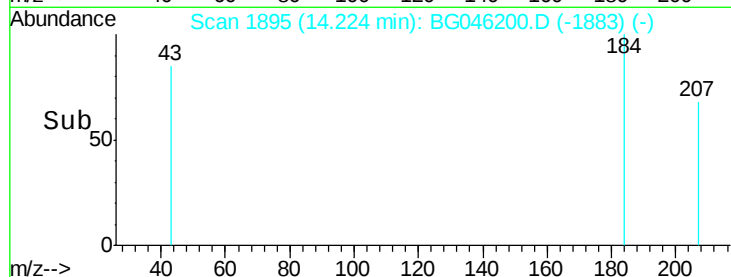
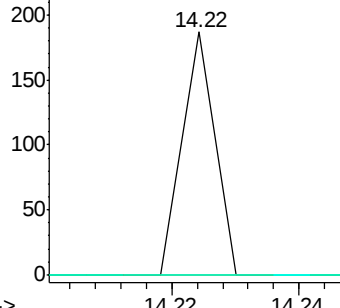
#54
2,4-Dinitrophenol
Concen: 7.088 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.46 min
Lab File: BG046200.D
Acq: 7 Aug 2020 19:36

Instrument :
BNA_G
ClientSampleId :
PB130810TB

Tot Ion:184 Resp: 66
Ion Ratio Lower Upper
184 100
63 0.0 36.7 55.1#
154 0.0 41.3 61.9#

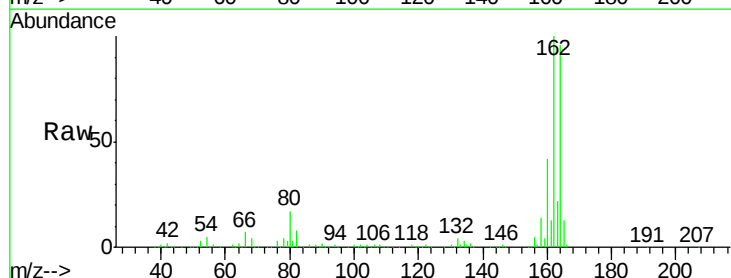


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

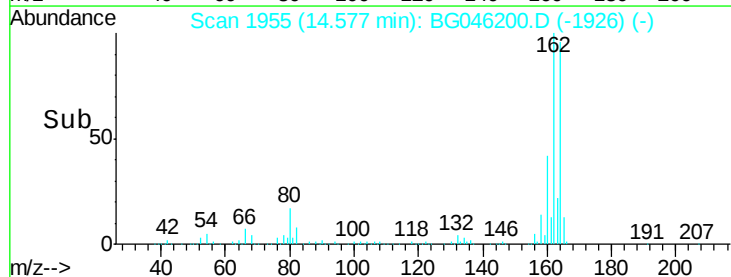
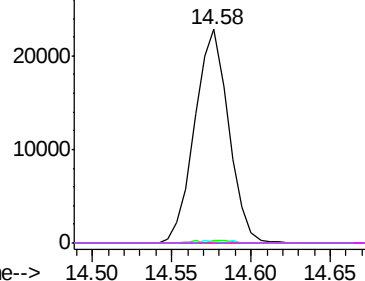


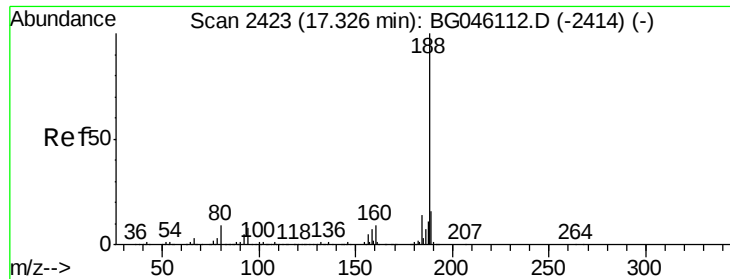
#57
2,4-Dinitrotoluene
Concen: 5.461 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.36 min
Lab File: BG046200.D
Acq: 7 Aug 2020 19:36

Tgt Ion:165 Resp: 33857
Ion Ratio Lower Upper
165 100
63 1.4 30.1 45.1#
89 0.8 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

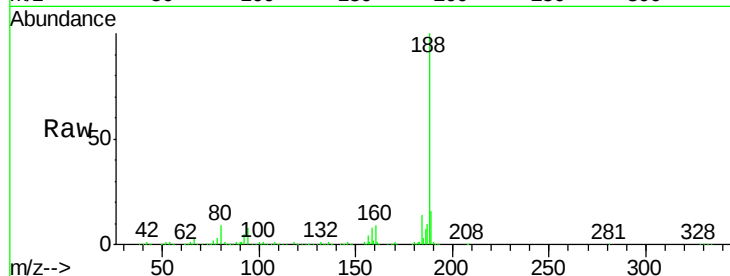




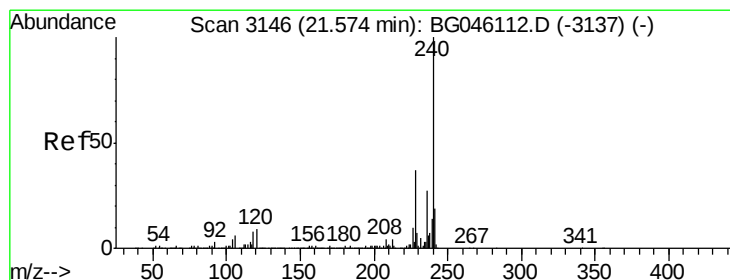
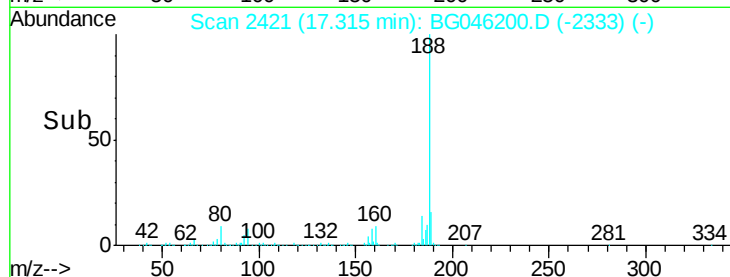
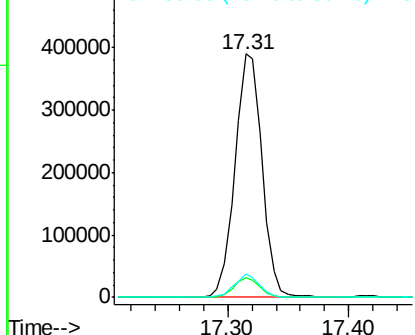
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BG046200.D
Acq: 7 Aug 2020 19:36

Instrument :
BNA_G
ClientSampleId :
PB130810TB

Tot Ion:188 Resp: 608460
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 9.4 7.4 11.0

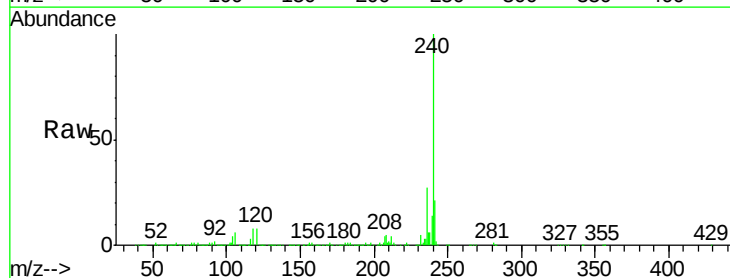


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

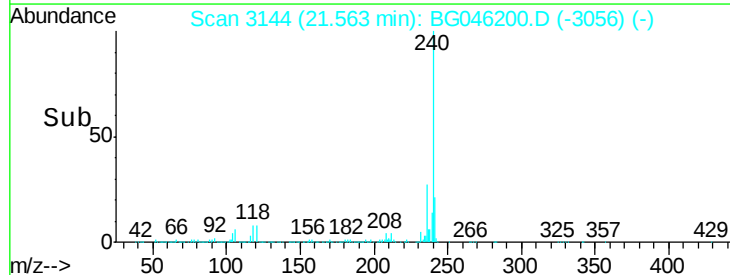
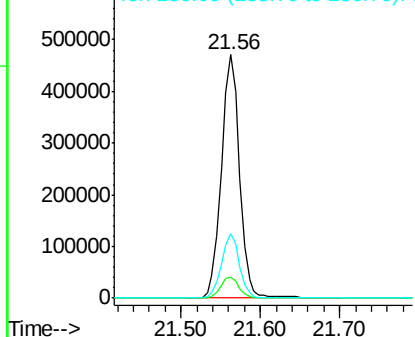


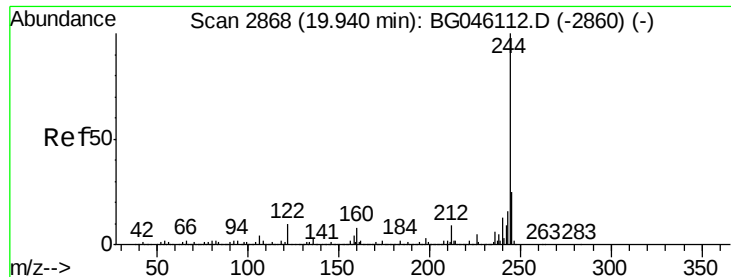
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG046200.D
Acq: 7 Aug 2020 19:36

Tgt Ion:240 Resp: 745567
Ion Ratio Lower Upper
240 100
120 8.3 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: 63.892 ng

RT: 19.94 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG046200.D

Acq: 7 Aug 2020 19:36

Instrument :

BNA_G

ClientSampleId :

PB130810TB

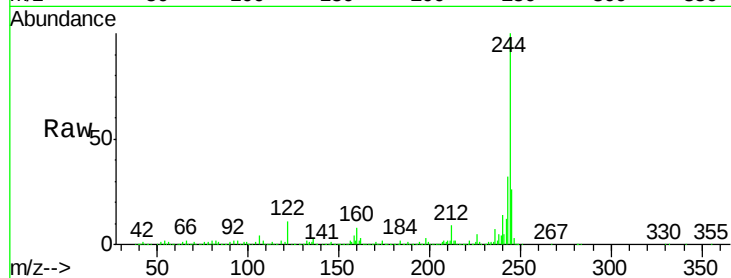
Tot Ion:244 Resp: 2338963

Ion Ratio Lower Upper

244 100

212 9.4 7.2 10.8

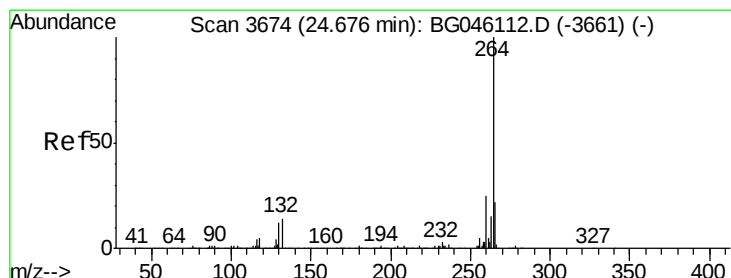
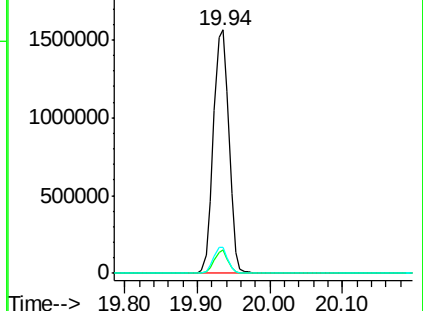
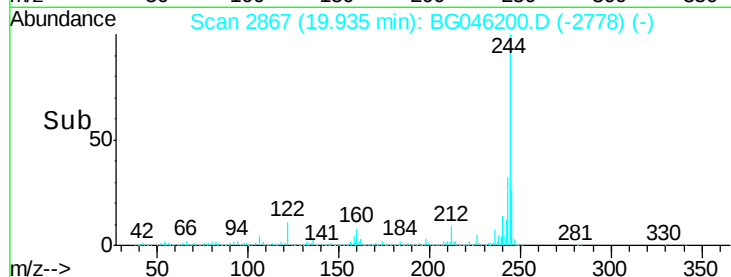
122 10.7 8.3 12.5



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

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3672

Delta R.T. -0.01 min

Lab File: BG046200.D

Acq: 7 Aug 2020 19:36

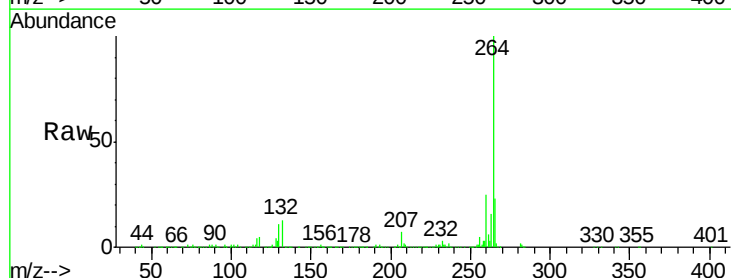
Tgt Ion:264 Resp: 749450

Ion Ratio Lower Upper

264 100

260 25.0 19.7 29.5

265 22.5 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

