

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
 Data File : BG046289.D
 Acq On : 15 Aug 2020 00:04
 Operator : CG/JU
 Sample : L3639-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-J08

Quant Time: Aug 17 00:49:09 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

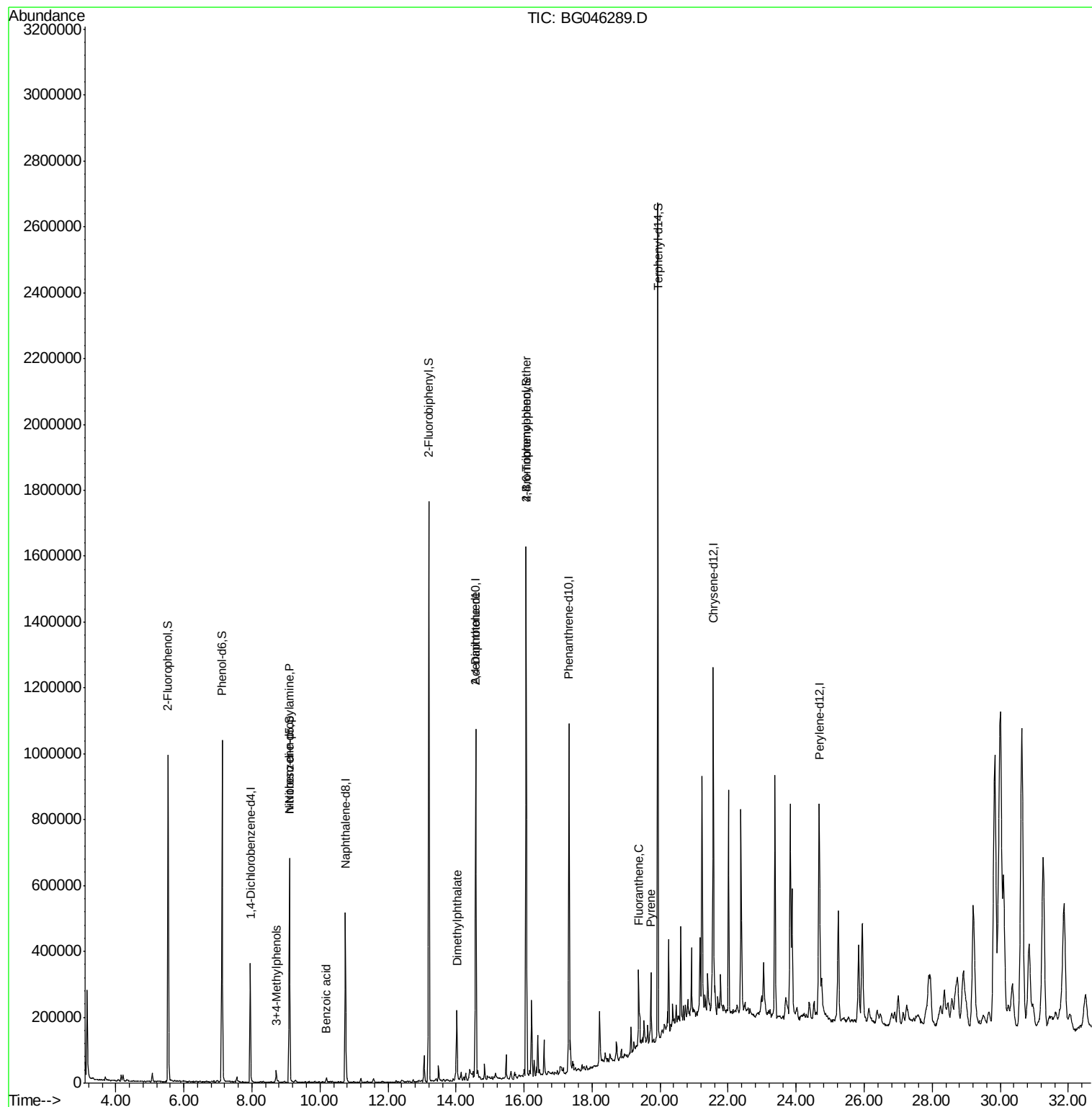
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	112667	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	470264	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	319172	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	678185	20.00	ng	0.00
76) Chrysene-d12	21.57	240	648479	20.00	ng	0.00
86) Perylene-d12	24.68	264	693264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	468218	72.24	ng	0.00
7) Phenol-d6	7.12	99	632656	71.62	ng	0.00
23) Nitrobenzene-d5	9.10	82	430672	49.58	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	361185	73.67	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	928299	42.25	ng	0.00
79) Terphenyl-d14	19.93	244	1145769	35.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	56289	9.792	ng	# 74
20) 3+4-Methylphenols	8.71	107	18191	2.218	ng	# 85
32) Benzoic acid	10.19	122	3626	9.991	ng	# 23
50) Dimethylphthalate	14.02	163	154566	6.310	ng	# 99
57) 2,4-Dinitrotoluene	14.58	165	42483	5.420	ng	# 30
67) 4-Bromophenyl-phenylether	16.06	248	21973	2.623	ng	# 1
75) Fluoranthene	19.37	202	131802	2.842	ng	# 96
78) Pyrene	19.73	202	126423	2.902	ng	# 94

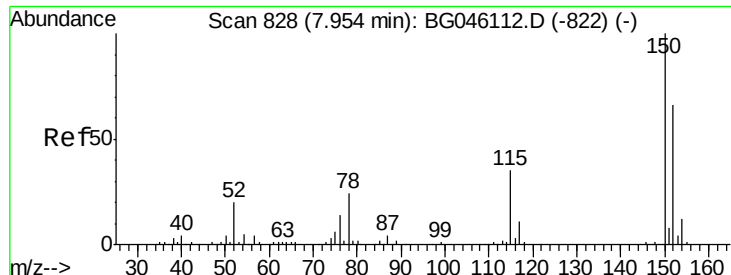
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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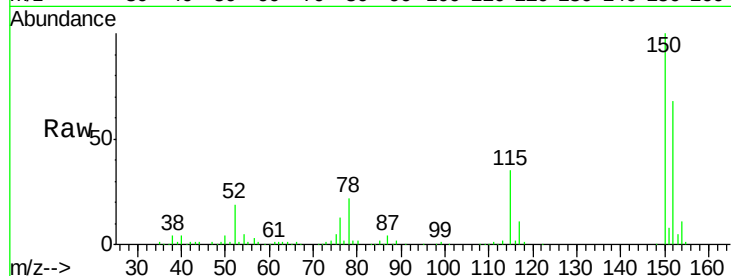


#1

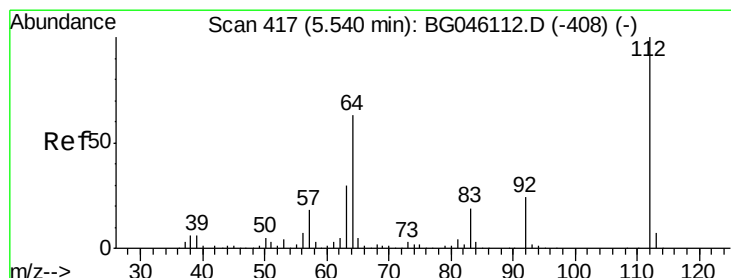
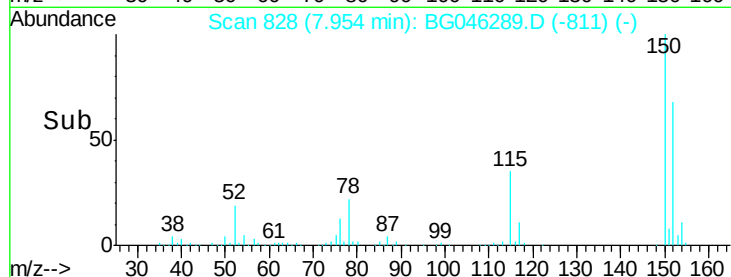
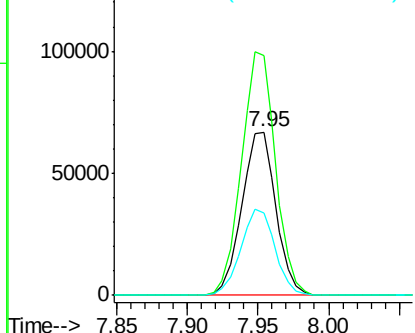
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Instrument :
BNA_G
ClientSampleId :
MH-J08

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.4	122.1	183.1
115	50.9	43.2	64.8



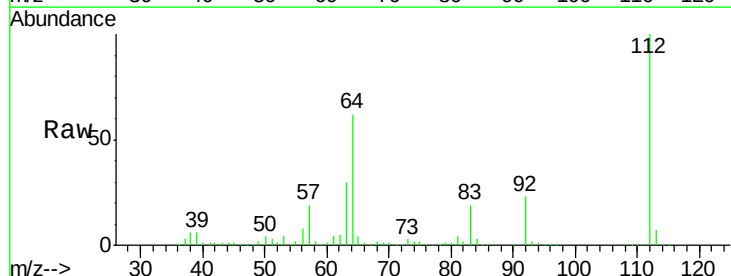
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



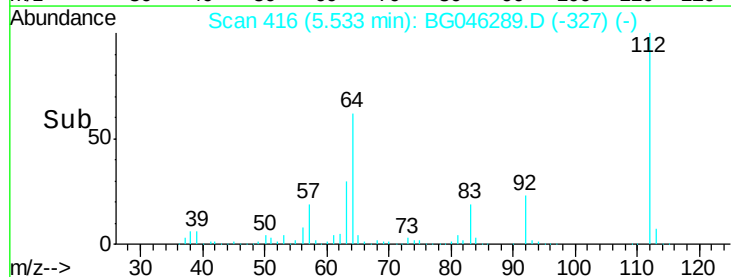
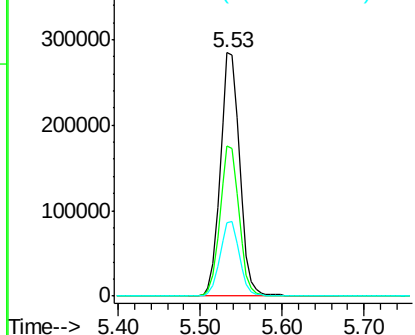
#5

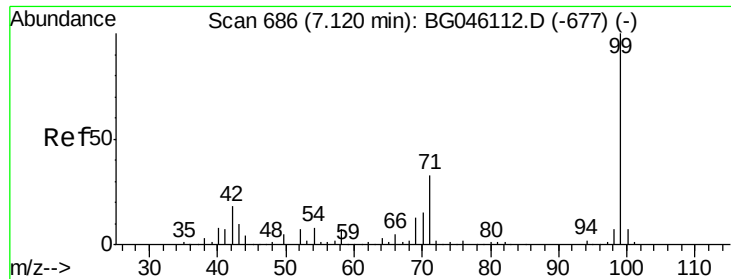
2-Fluorophenol
Concen: 72.243 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	50.2	75.2
63	30.4	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: 71.624 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046289.D

Acq: 15 Aug 2020 00:04

Instrument :

BNA_G

ClientSampleId :

MH-J08

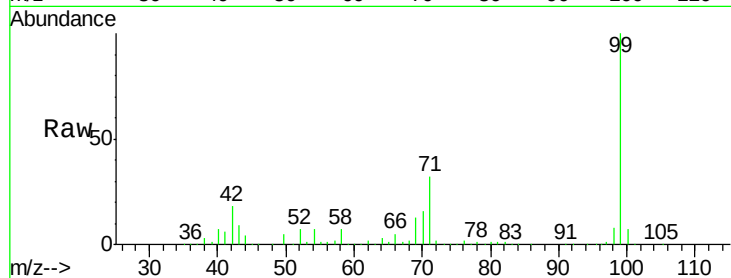
Tot Ion: 99 Resp: 632656

Ion Ratio Lower Upper

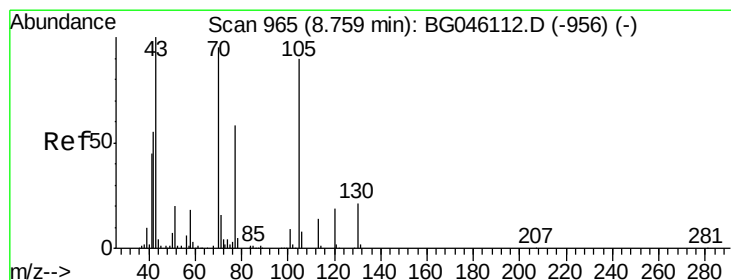
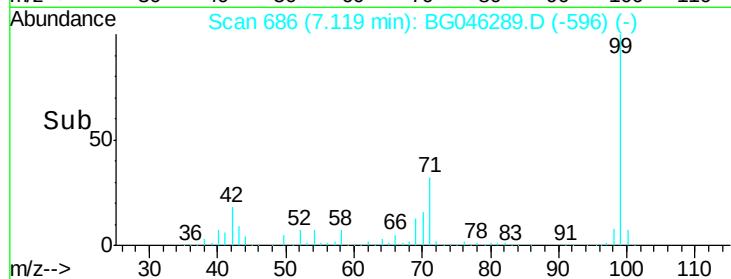
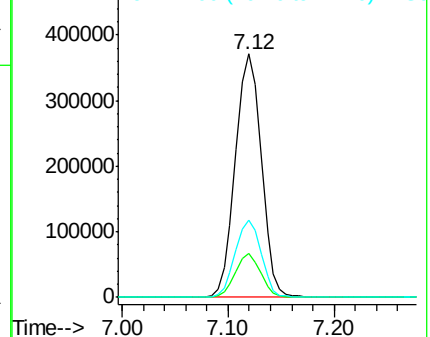
99 100

42 17.9 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: 9.792 ng

RT: 9.11 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG046289.D

Acq: 15 Aug 2020 00:04

Tgt Ion: 70 Resp: 56289

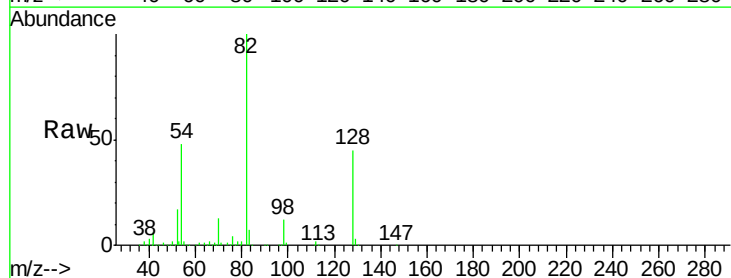
Ion Ratio Lower Upper

70 100

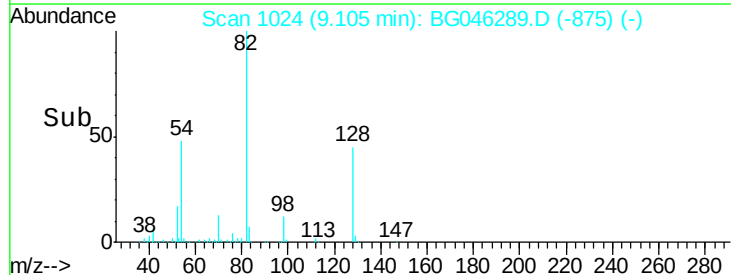
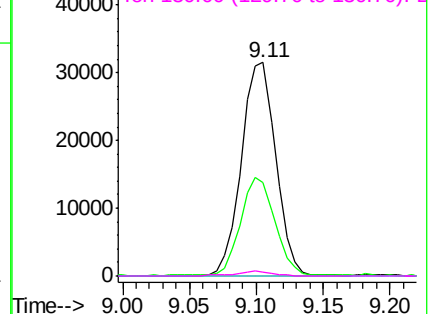
42 43.6 46.5 69.7#

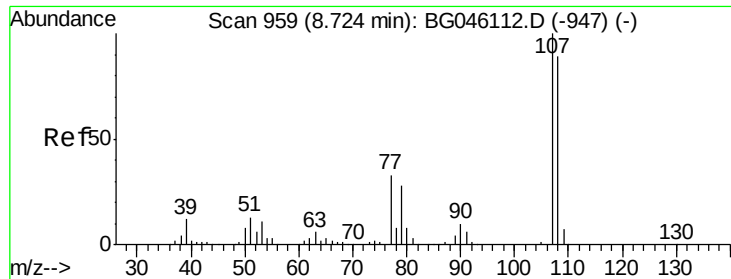
101 0.0 7.6 11.4#

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

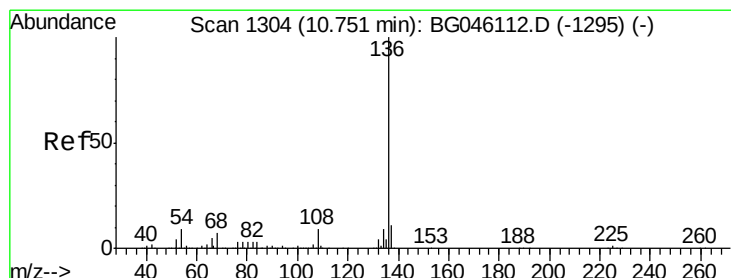
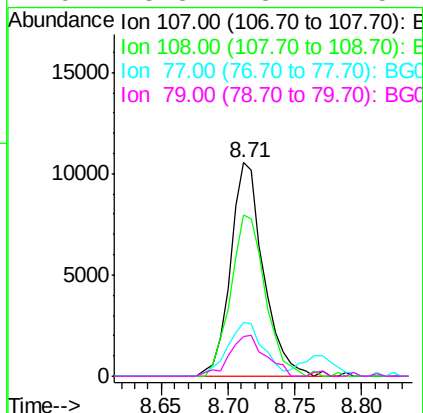
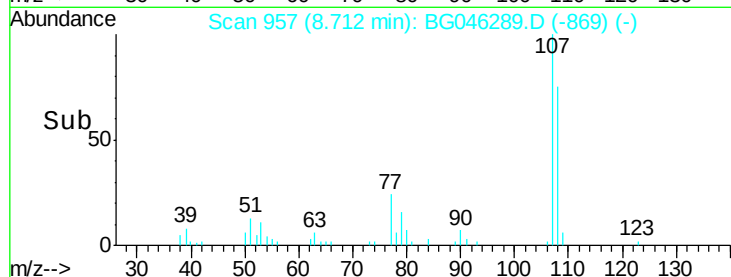
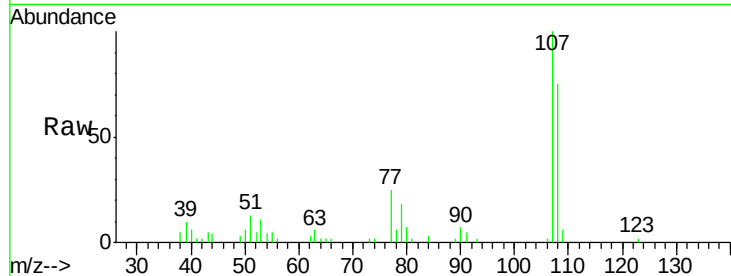




#20
3+4-Methylphenols
Concen: 2.218 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

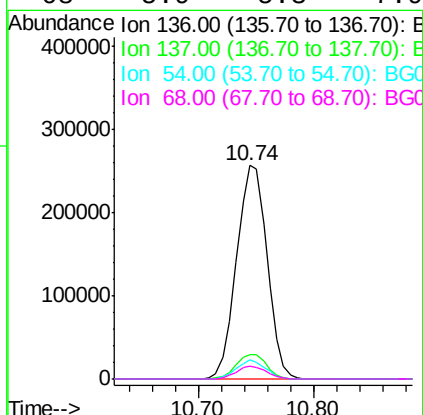
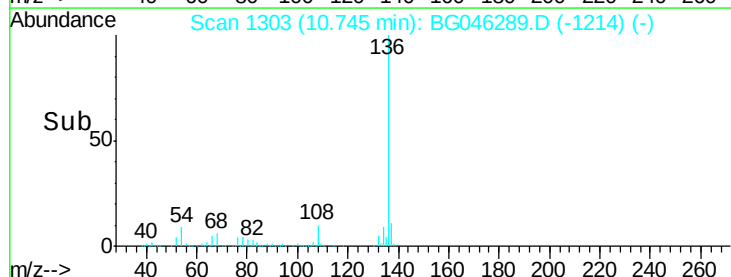
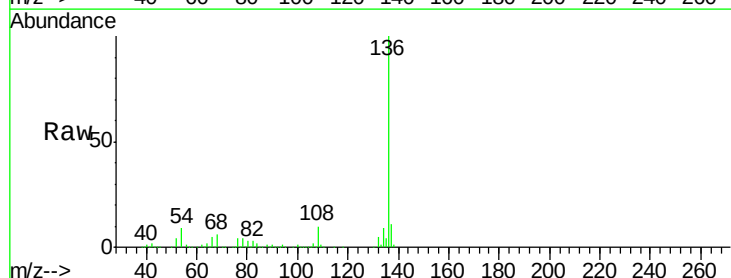
Instrument :
BNA_G
ClientSampleId :
MH-J08

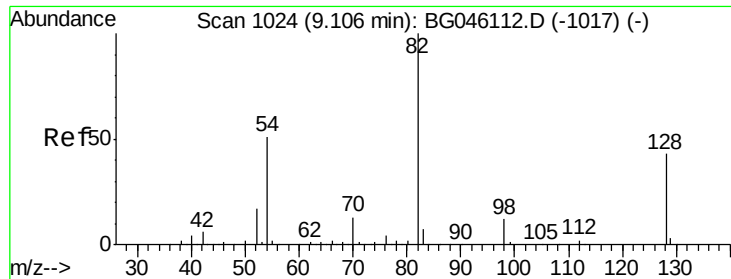
Tot Ion:107	Resp:	18191
Ion	Ratio	Lower Upper
107	100	
108	75.3	69.1 109.1
77	25.2	12.5 52.5
79	18.3	8.4 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Tgt Ion:136	Resp:	470264
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.8 13.2
54	8.8	7.0 10.4
68	5.9	5.3 7.9

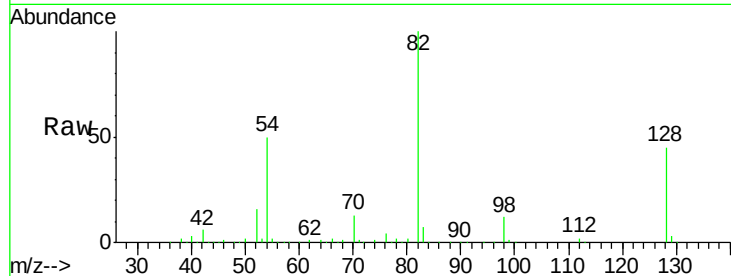




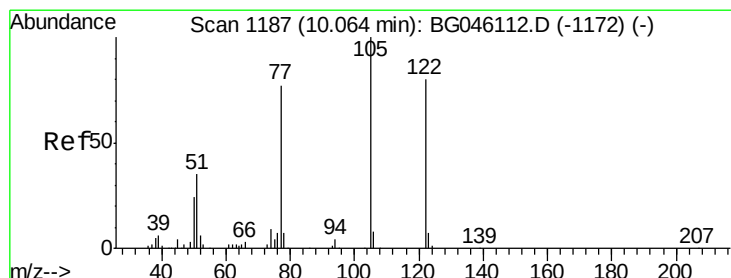
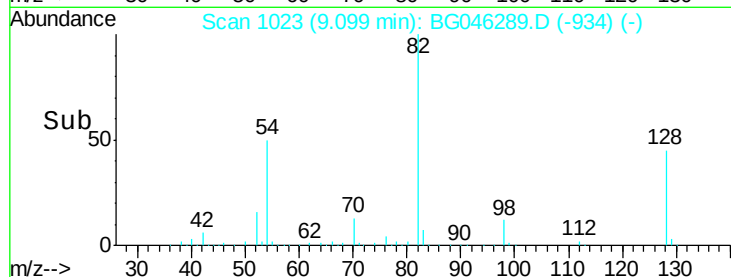
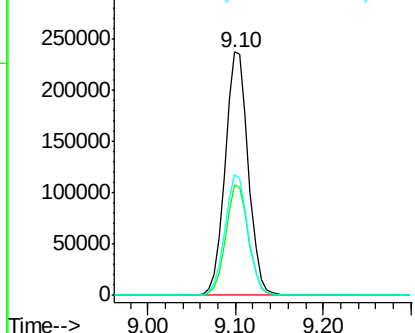
#23
Nitrobenzene-d5
Concen: 49.584 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Instrument :
BNA_G
ClientSampleId :
MH-J08

Tot Ion: 82 Resp: 430672
Ion Ratio Lower Upper
82 100
128 45.5 34.4 51.6
54 49.6 40.8 61.2

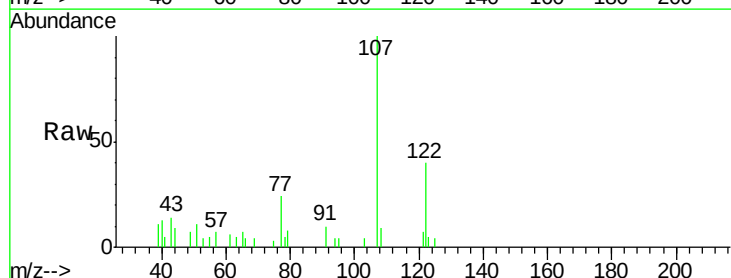


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

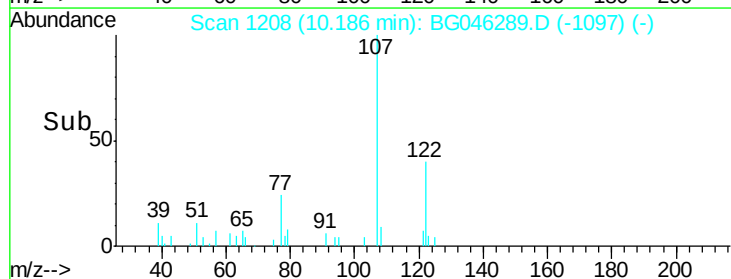
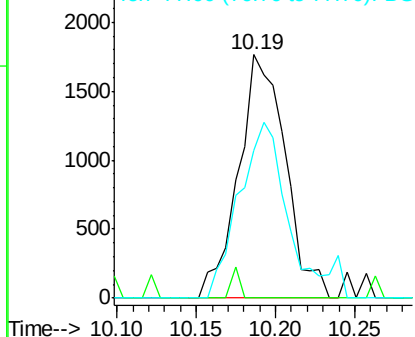


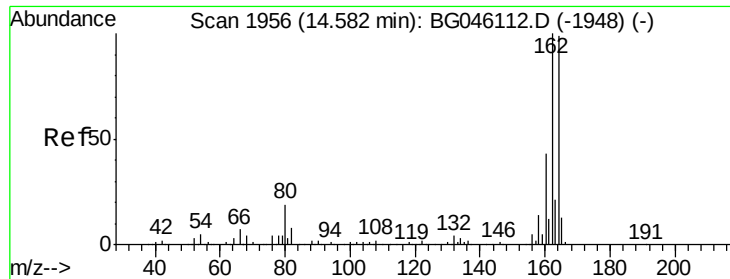
#32
Benzoic acid
Concen: 9.991 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.12 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Tgt Ion: 122 Resp: 3626
Ion Ratio Lower Upper
122 100
105 0.0 103.0 143.0#
77 60.8 75.2 115.2#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG046289.D

Acq: 15 Aug 2020 00:04

Instrument :

BNA_G

ClientSampled :

MH-J08

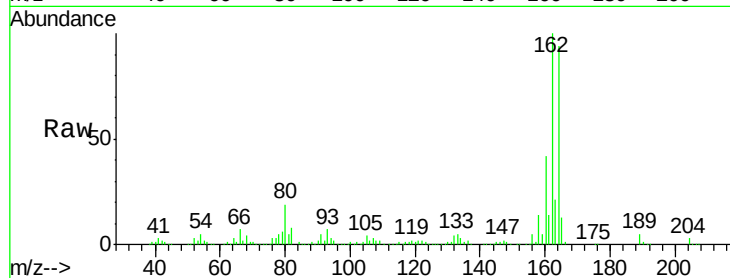
Tot Ion:164 Resp: 319172

Ion Ratio Lower Upper

164 100

162 106.2 80.6 121.0

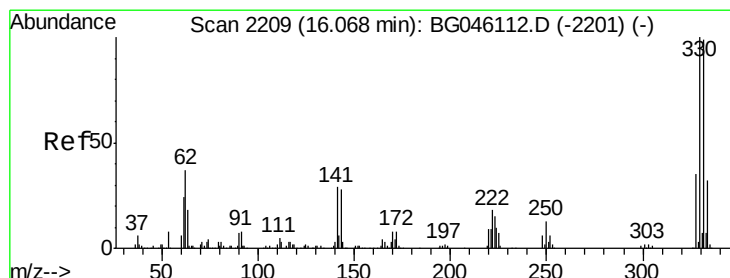
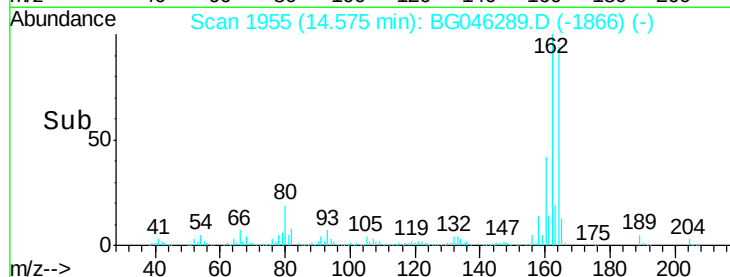
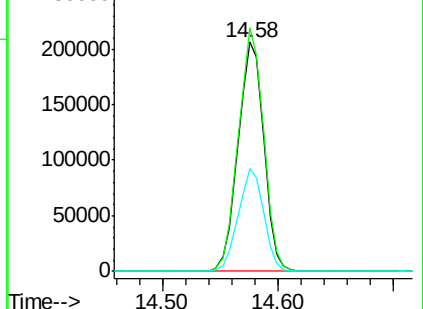
160 44.6 34.9 52.3



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: 73.675 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046289.D

Acq: 15 Aug 2020 00:04

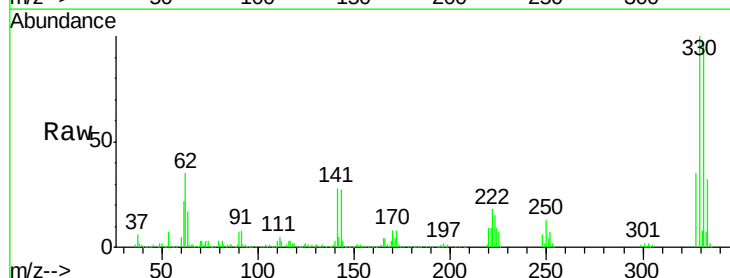
Tgt Ion:330 Resp: 361185

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

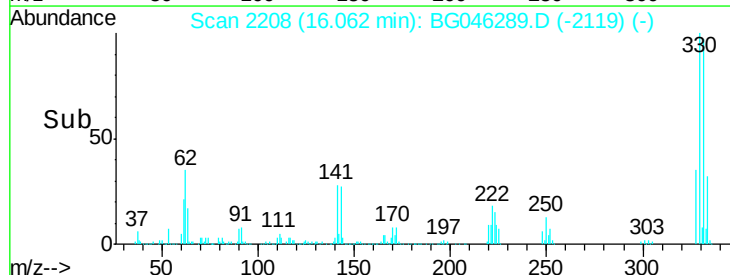
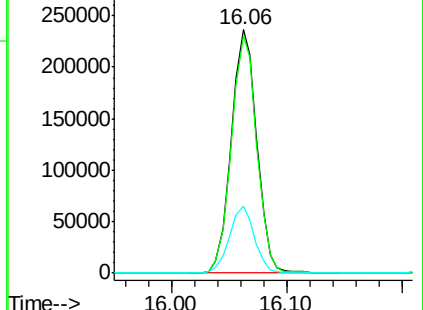
141 27.1 23.4 35.0

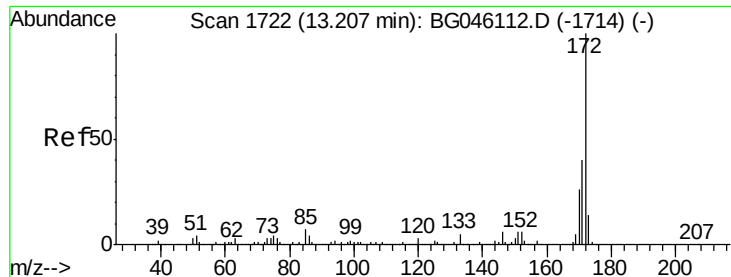


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

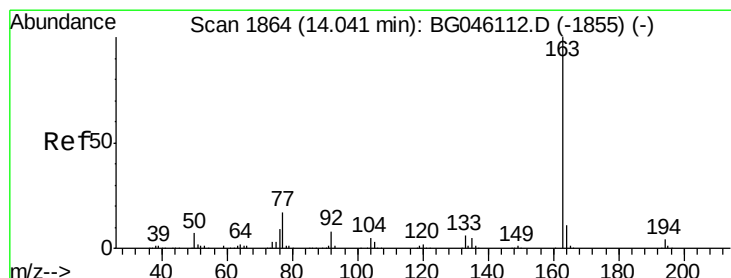
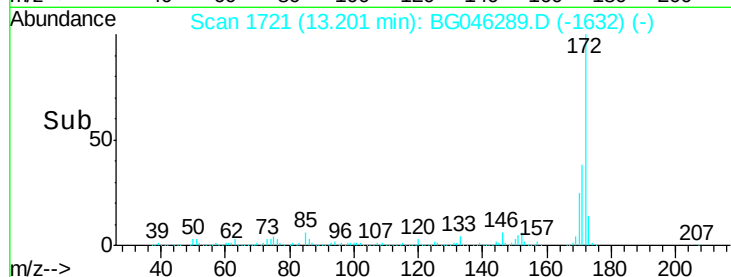
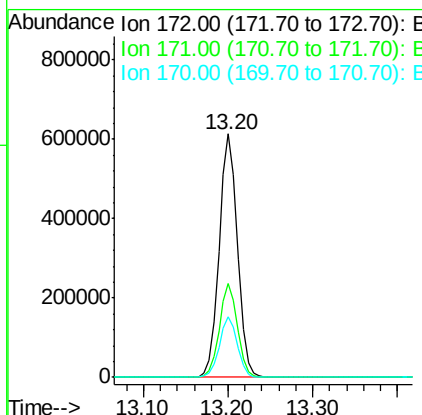
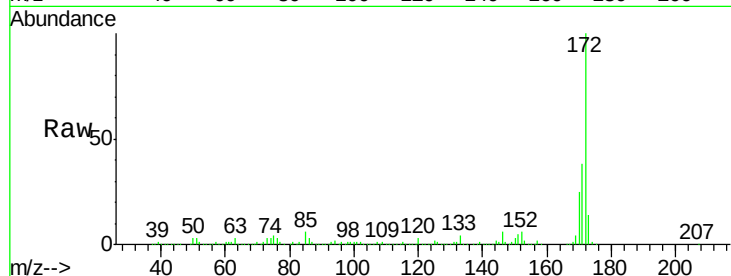




#45
2-Fluorobiphenyl
Concen: 42.249 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

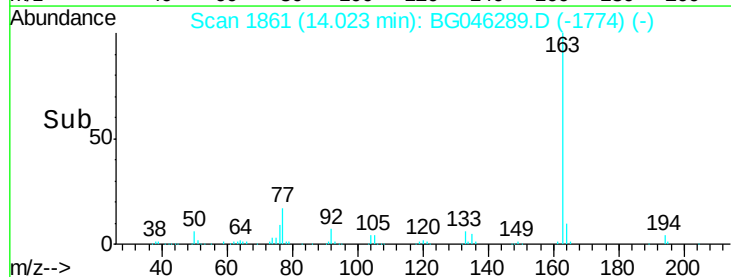
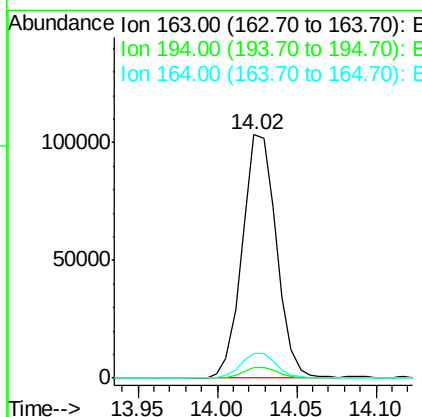
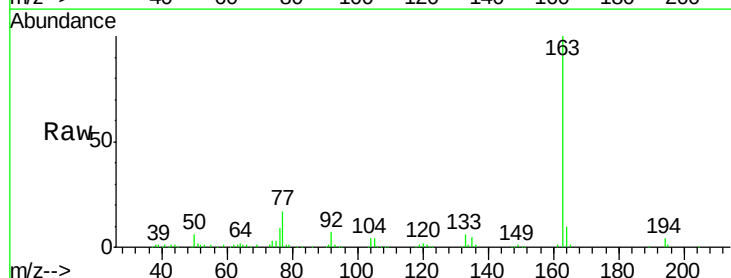
Instrument :
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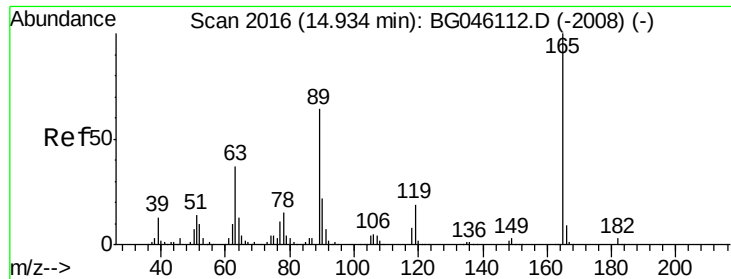
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.7	47.5
170	25.1	20.9	31.3



#50
Dimethylphthalate
Concen: 6.310 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.02 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.4	8.8	13.2

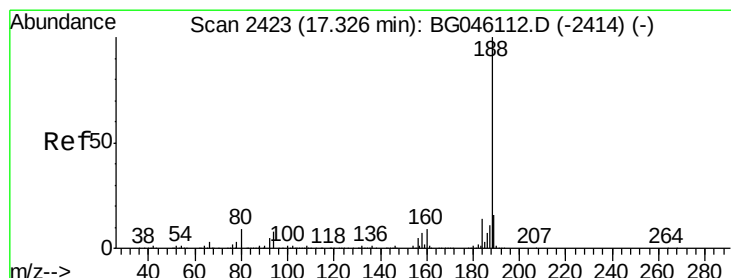
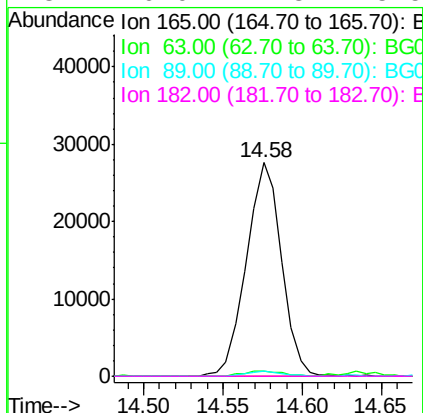
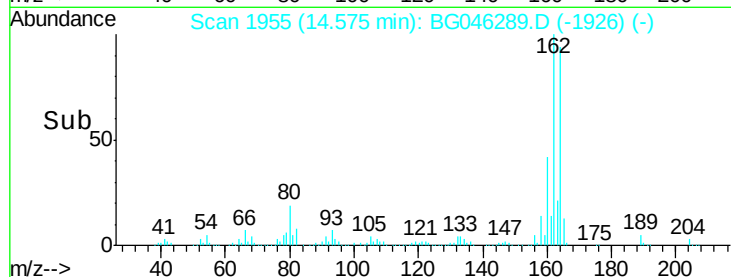
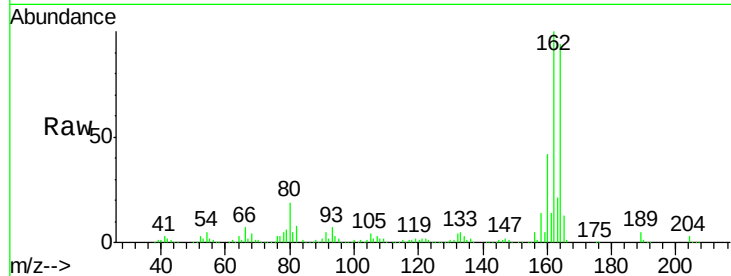




#57
 2,4-Dinitrotoluene
 Concen: 5.420 ng
 RT: 14.58 min Scan# 1955
 Delta R.T. -0.36 min
 Lab File: BG046289.D
 Acq: 15 Aug 2020 00:04

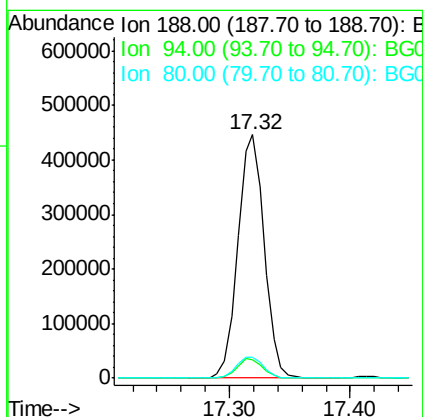
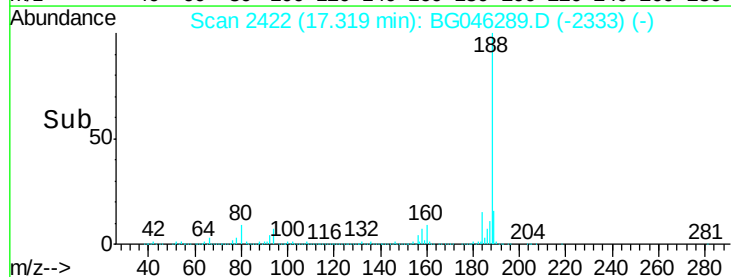
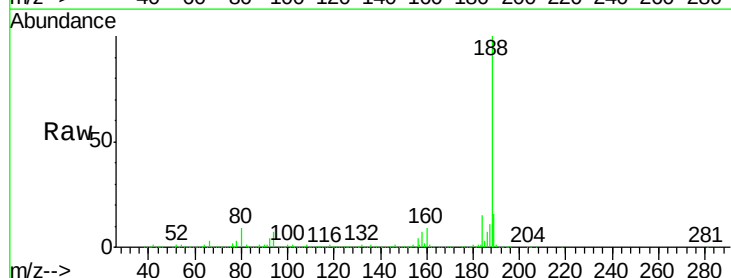
Instrument :
 BNA_G
 ClientSampleId :
 MH-J08

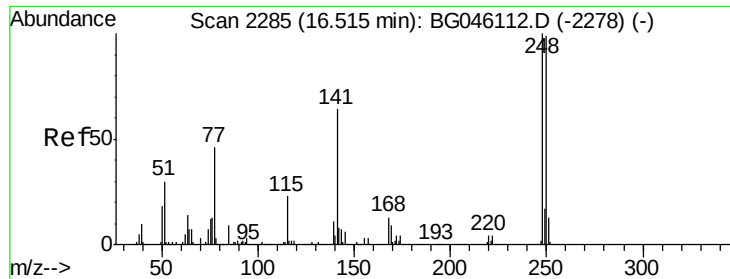
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.4	30.1	45.1#
89	2.4	51.4	77.2#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG046289.D
 Acq: 15 Aug 2020 00:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.4	9.6
80	8.7	7.4	11.0

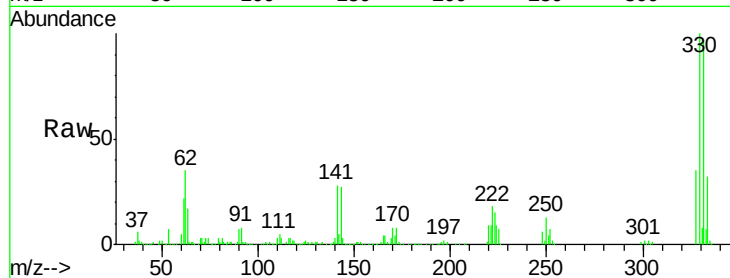




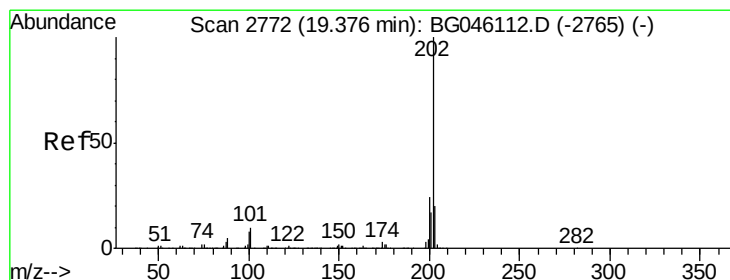
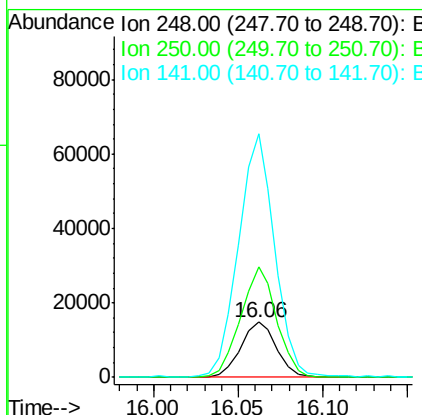
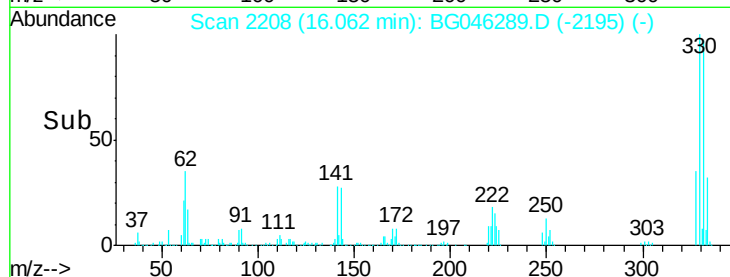
#67
4-Bromophenyl-phenylether
Concen: 2.623 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Instrument :
BNA_G
ClientSampled :
MH-J08

Tot Ion:248 Resp: 21973
Ion Ratio Lower Upper
248 100
250 201.2 79.4 119.0#
141 443.9 50.9 76.3#

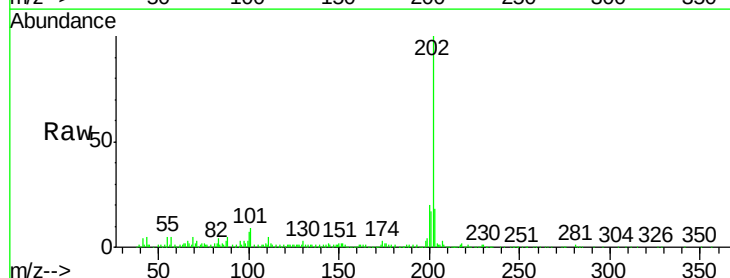


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

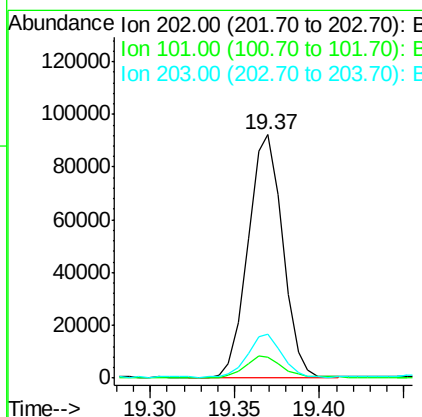
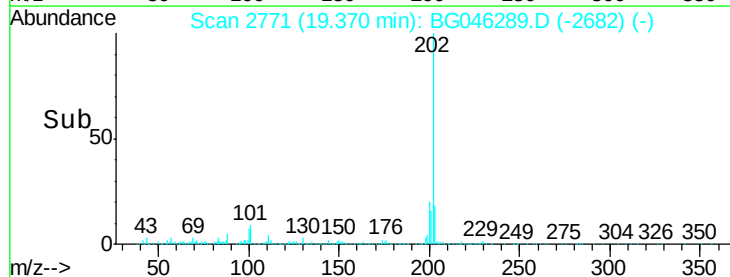


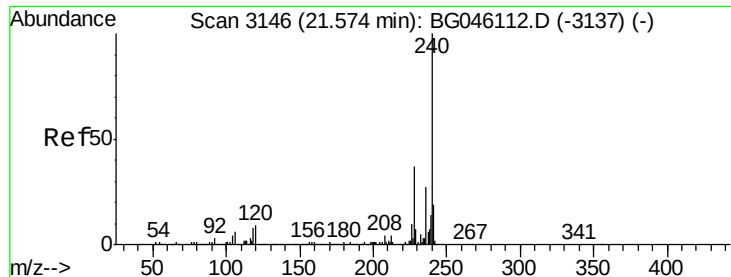
#75
Fluoranthene
Concen: 2.842 ng
RT: 19.37 min Scan# 2771
Delta R.T. -0.01 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Tgt Ion:202 Resp: 131802
Ion Ratio Lower Upper
202 100
101 8.7 0.0 30.0
203 18.0 0.2 40.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG046289.D

Acq: 15 Aug 2020 00:04

Instrument :

BNA_G

ClientSampleId :

MH-J08

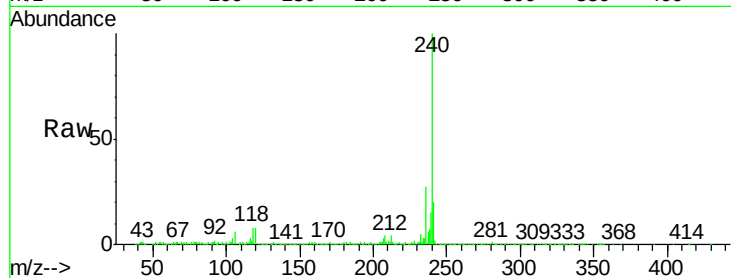
Tot Ion:240 Resp: 648479

Ion Ratio Lower Upper

240 100

120 7.8 7.1 10.7

236 26.6 21.7 32.5

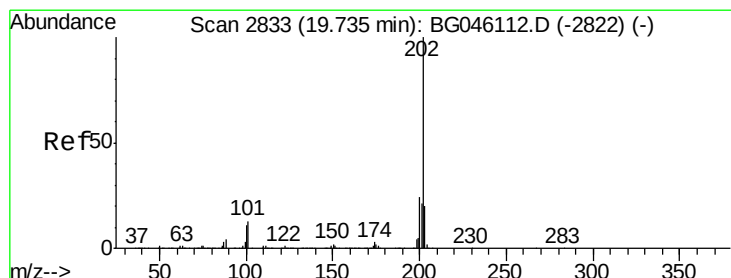
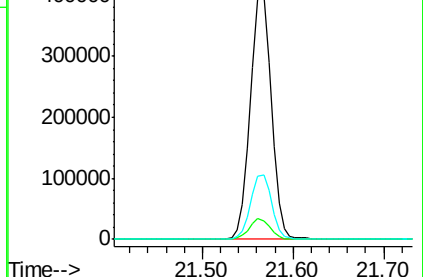
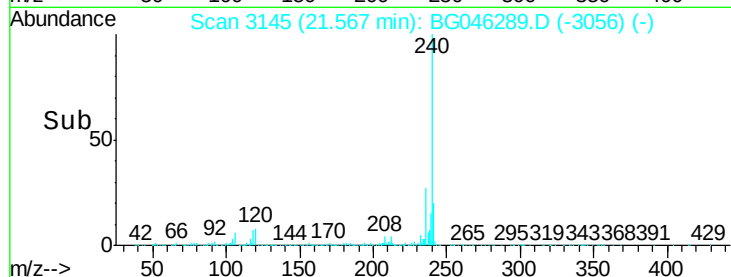


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.57



#78

Pyrene

Concen: 2.902 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BG046289.D

Acq: 15 Aug 2020 00:04

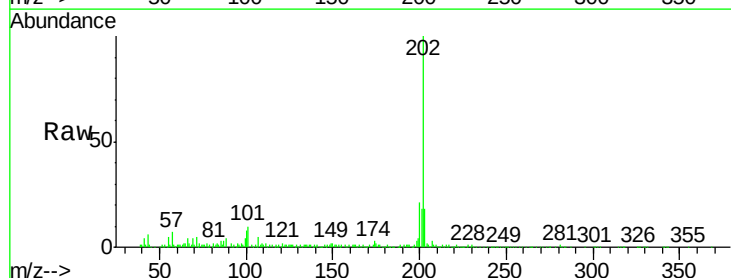
Tgt Ion:202 Resp: 126423

Ion Ratio Lower Upper

202 100

200 20.7 19.5 29.3

203 18.3 16.2 24.2

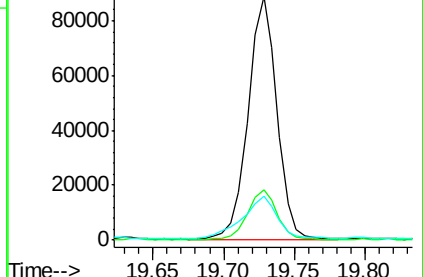
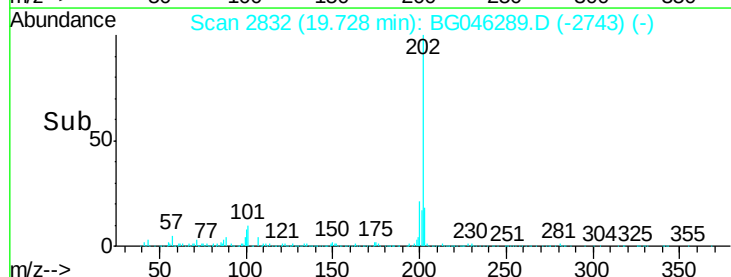


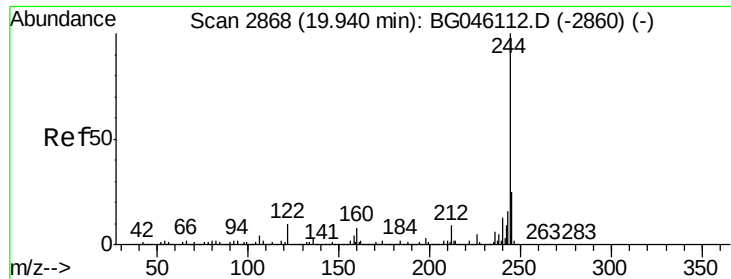
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.73





#79

Terphenyl-d14

Concen: 35.984 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046289.D

Acq: 15 Aug 2020 00:04

Instrument :

BNA_G

ClientSampleId :

MH-J08

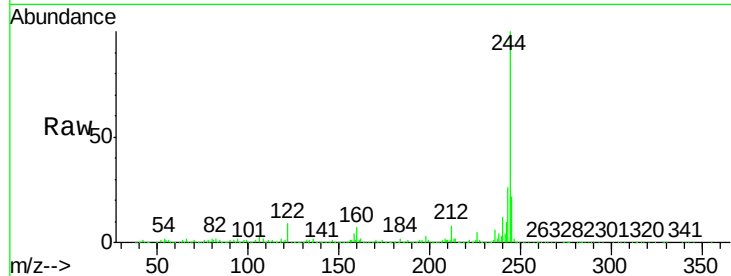
Tot Ion:244 Resp: 1145769

Ion Ratio Lower Upper

244 100

212 7.5 7.2 10.8

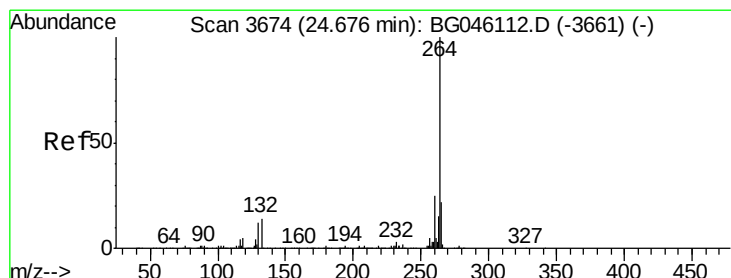
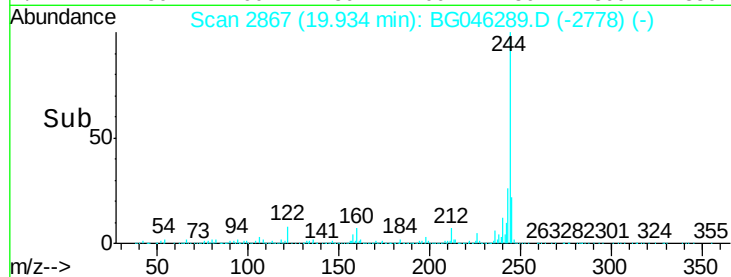
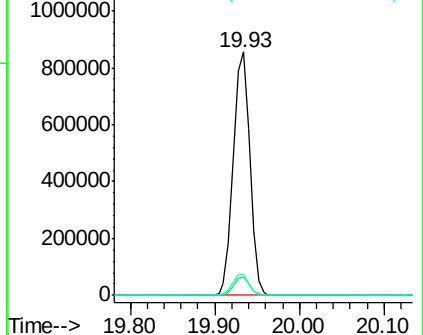
122 8.5 8.3 12.5



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: 24.68 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG046289.D

Acq: 15 Aug 2020 00:04

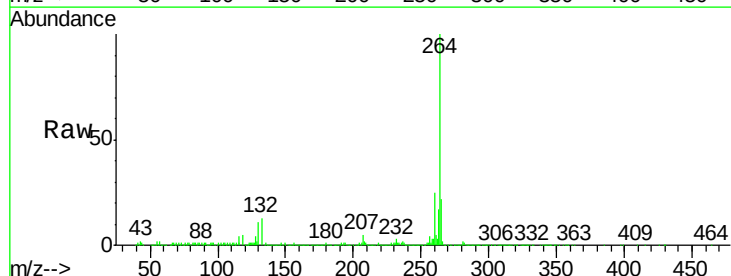
Tgt Ion:264 Resp: 693264

Ion Ratio Lower Upper

264 100

260 25.3 19.7 29.5

265 22.4 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

