

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
 Data File : BG046284.D
 Acq On : 14 Aug 2020 20:42
 Operator : CG/JU
 Sample : L3659-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP1-1

Quant Time: Aug 17 00:46:28 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

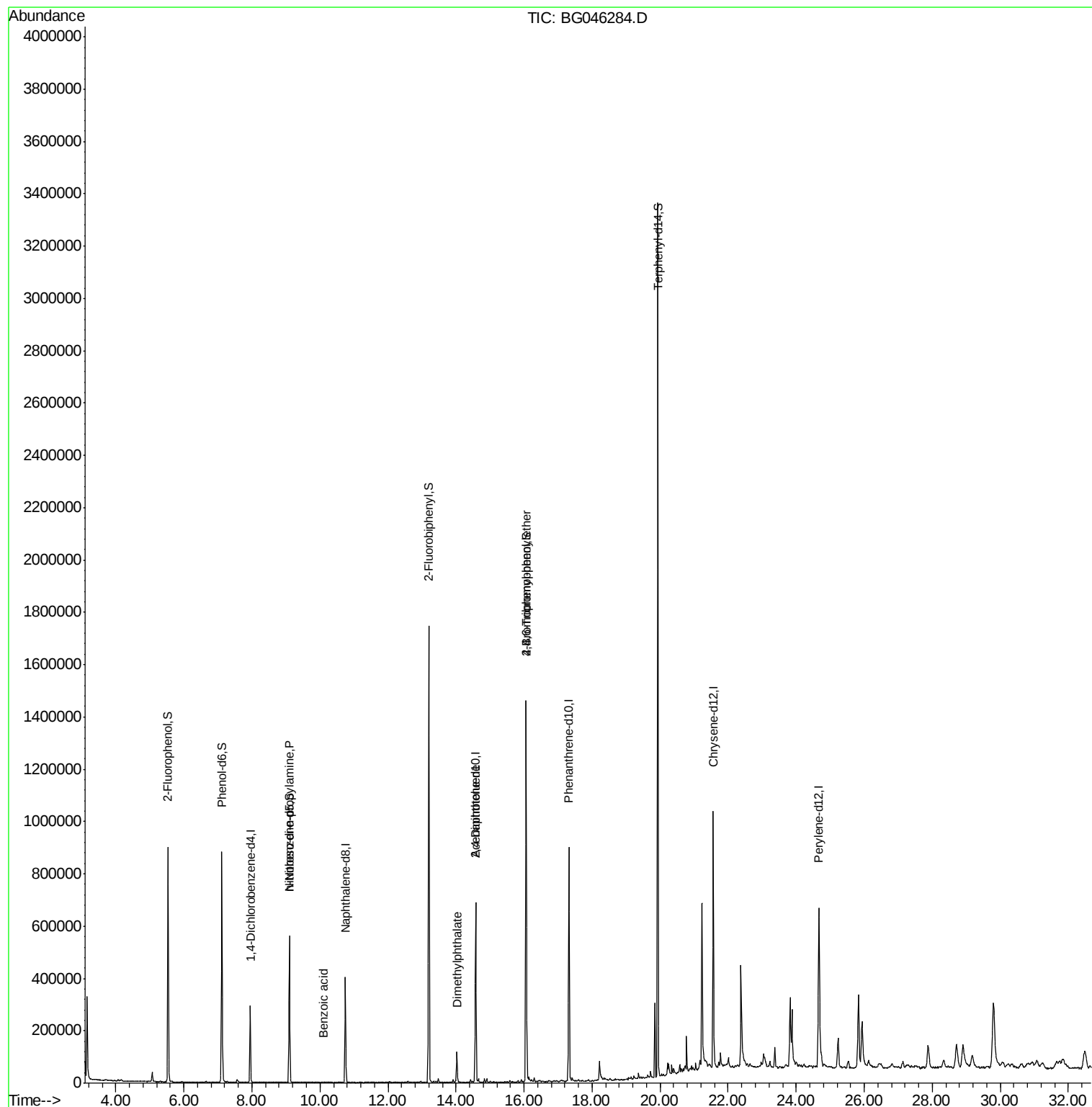
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	88051	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	359433	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	248538	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	596343	20.00	ng	0.00
76) Chrysene-d12	21.56	240	611930	20.00	ng	-0.01
86) Perylene-d12	24.67	264	635950	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	407536	80.46	ng	0.00
7) Phenol-d6	7.11	99	542368	78.57	ng	0.00
23) Nitrobenzene-d5	9.10	82	357085	53.79	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	337972	88.53	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	940518	54.97	ng	0.00
79) Terphenyl-d14	19.93	244	1519015	50.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	45292	10.081	ng	Qvalue # 75
32) Benzoic acid	10.10	122	114	9.434	ng	98
50) Dimethylphthalate	14.02	163	89332	4.683	ng	97
57) 2,4-Dinitrotoluene	14.58	165	32616	5.343	ng	# 29
67) 4-Bromophenyl-phenylether	16.06	248	20435	2.774	ng	# 1

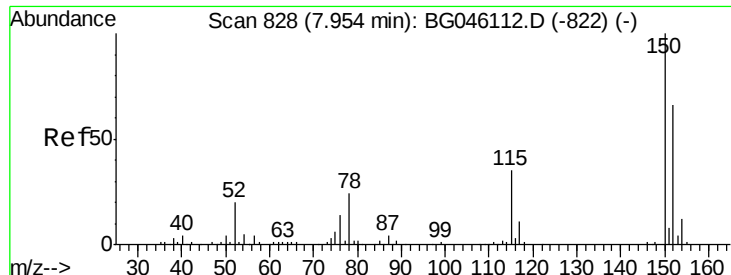
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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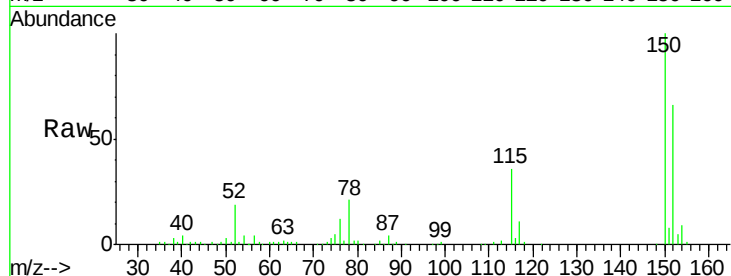


#1

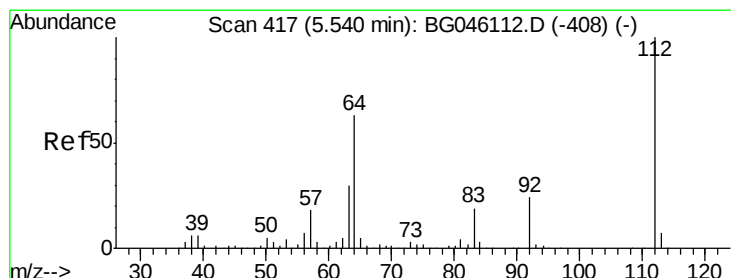
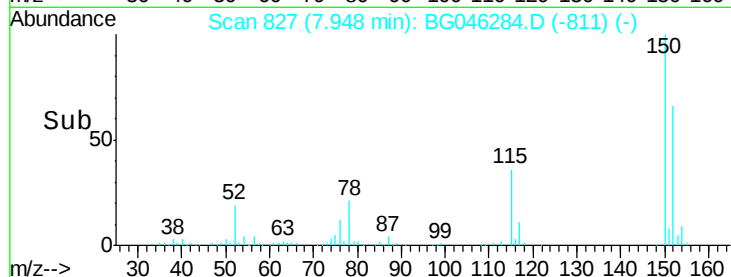
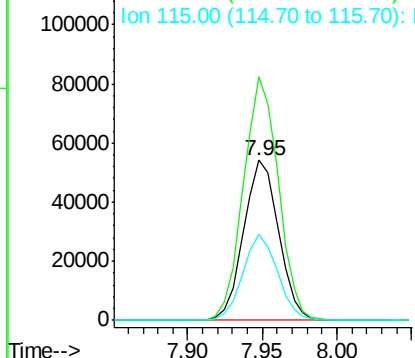
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG046284.D
Acq: 14 Aug 2020 20:42

Instrument :
BNA_G
ClientSampleId :
SP1-1

Tot Ion:152 Resp: 88051
Ion Ratio Lower Upper
152 100
150 151.9 122.1 183.1
115 54.1 43.2 64.8



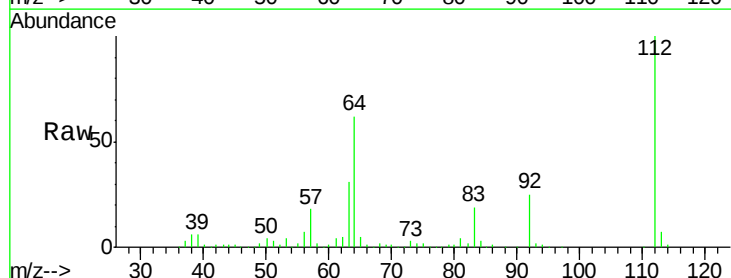
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



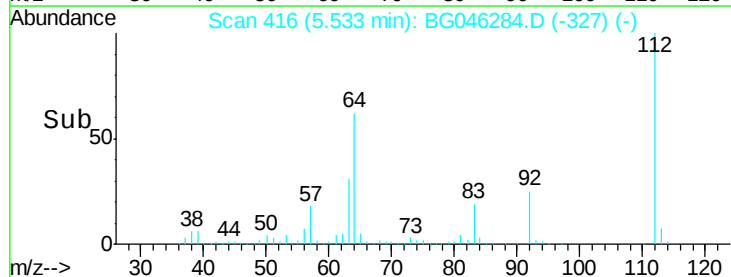
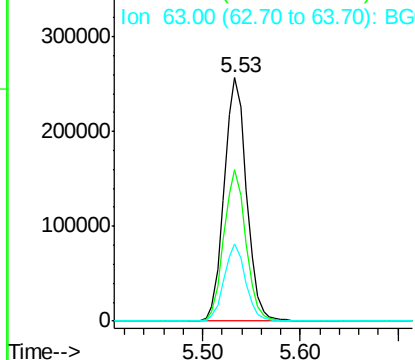
#5

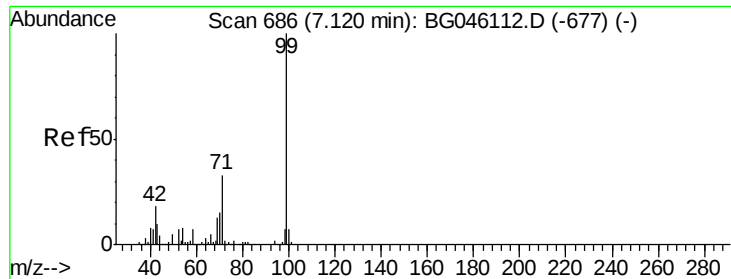
2-Fluorophenol
Concen: 80.459 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG046284.D
Acq: 14 Aug 2020 20:42

Tgt Ion:112 Resp: 407536
Ion Ratio Lower Upper
112 100
64 62.1 50.2 75.2
63 31.5 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: 78.569 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG046284.D

Acq: 14 Aug 2020 20:42

Instrument :

BNA_G

ClientSampleId :

SP1-1

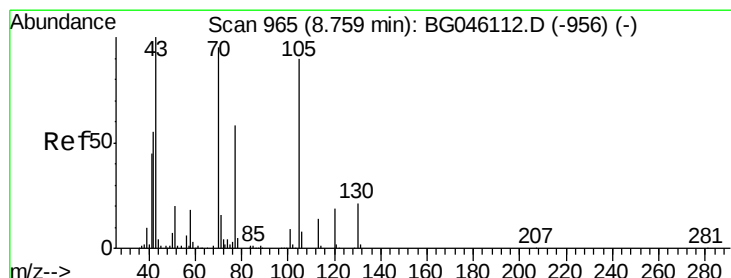
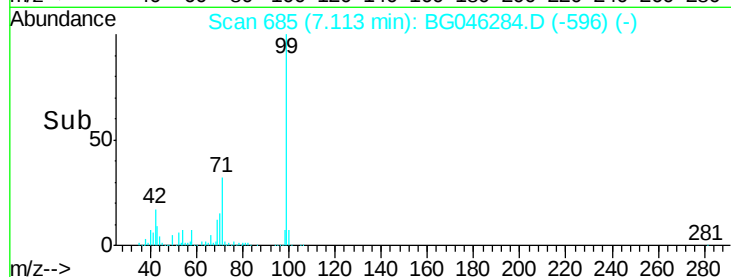
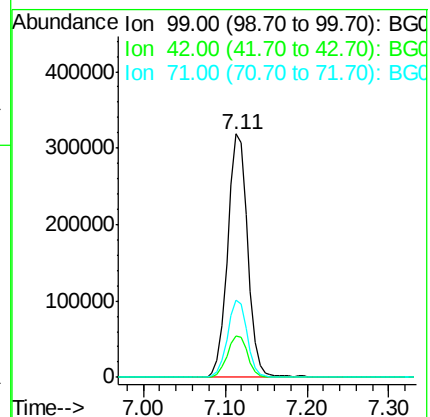
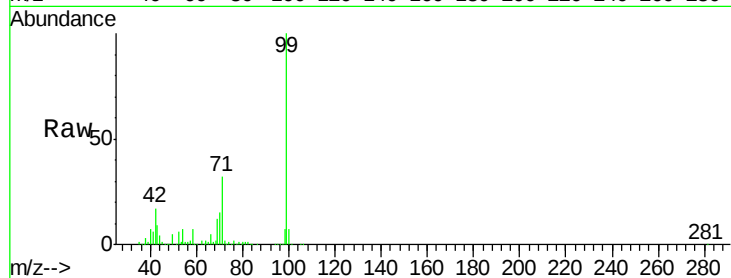
Tot Ion: 99 Resp: 542368

Ion Ratio Lower Upper

99 100

42 17.2 14.7 22.1

71 31.9 26.5 39.7



#19

n-Nitroso-di-n-propylamine

Concen: 10.081 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.34 min

Lab File: BG046284.D

Acq: 14 Aug 2020 20:42

Tgt Ion: 70 Resp: 45292

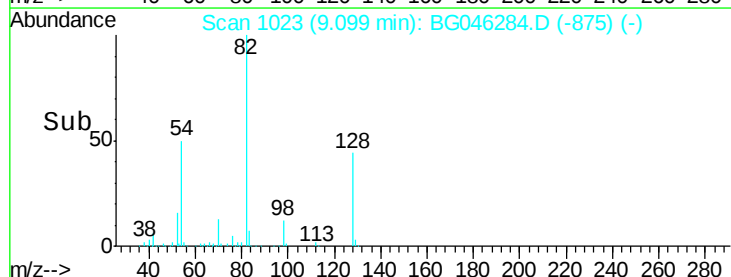
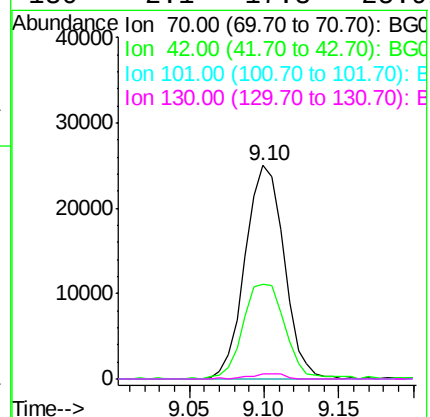
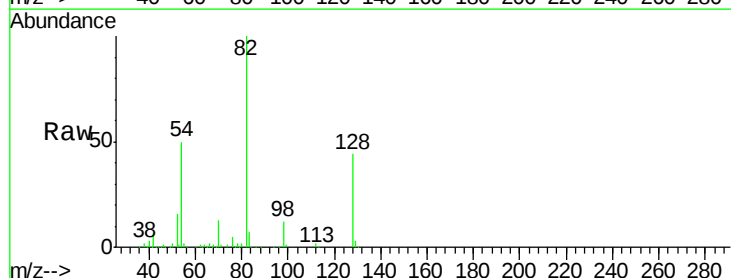
Ion Ratio Lower Upper

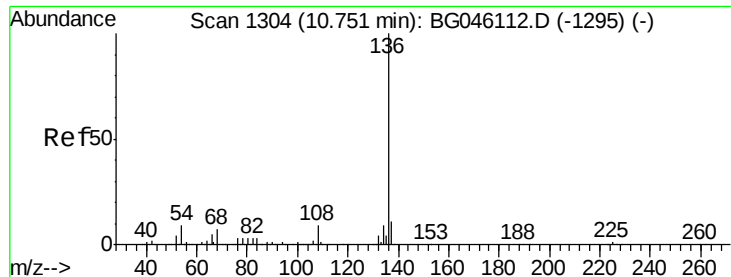
70 100

42 44.2 46.5 69.7#

101 0.0 7.6 11.4#

130 2.1 17.3 25.9#

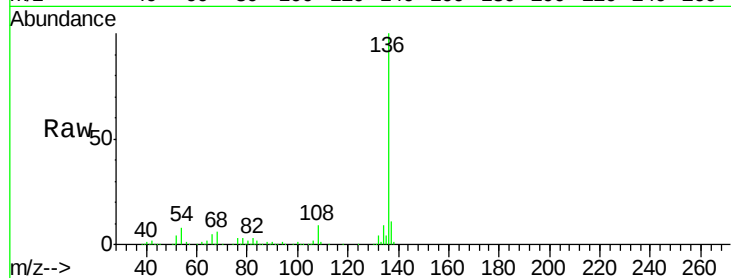




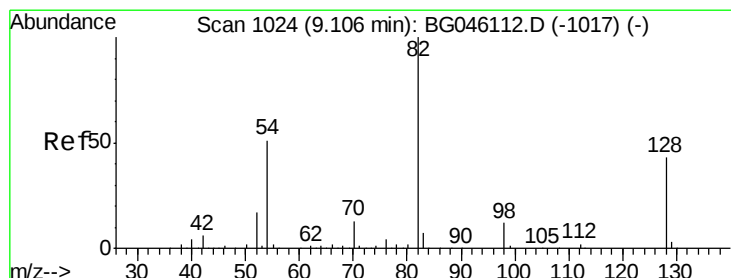
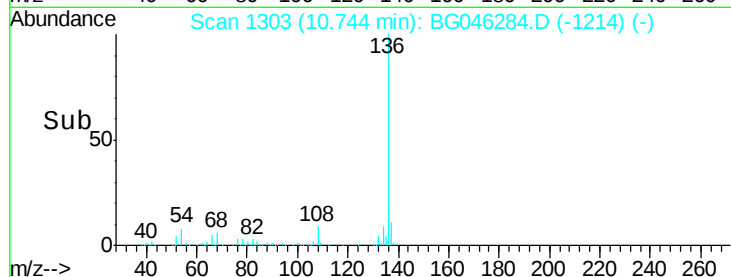
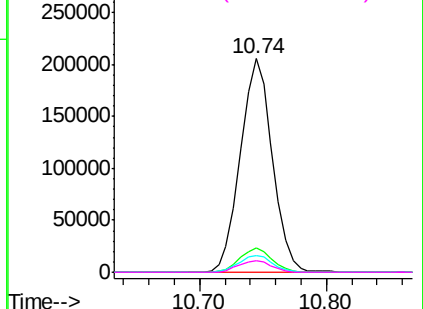
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG046284.D
Acq: 14 Aug 2020 20:42

Instrument :
BNA_G
ClientSampleId :
SP1-1

Tot Ion:136	Resp:	359433	
Ion Ratio	Lower	Upper	
136 100			
137 11.5	8.8	13.2	
54 8.0	7.0	10.4	
68 5.7	5.3	7.9	

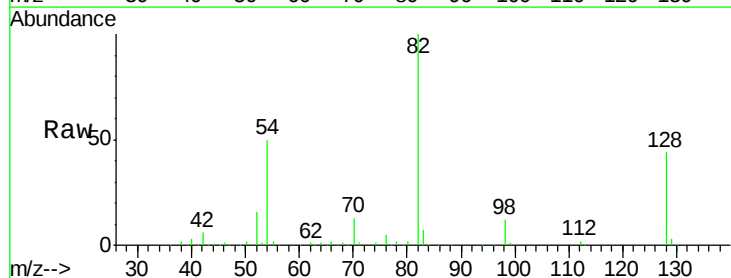


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

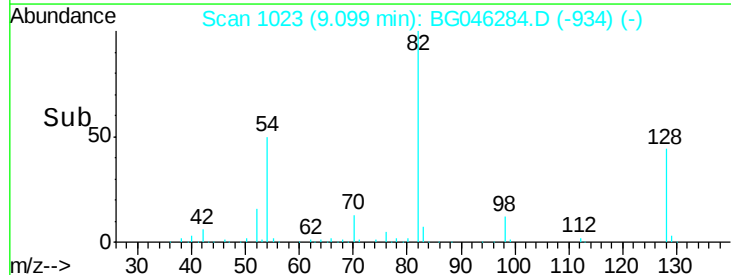
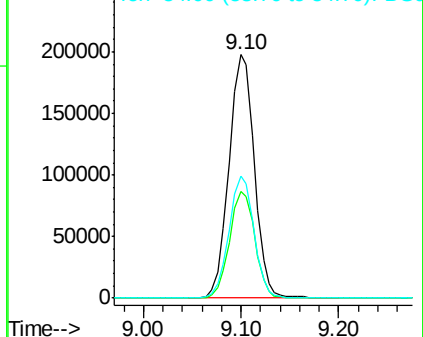


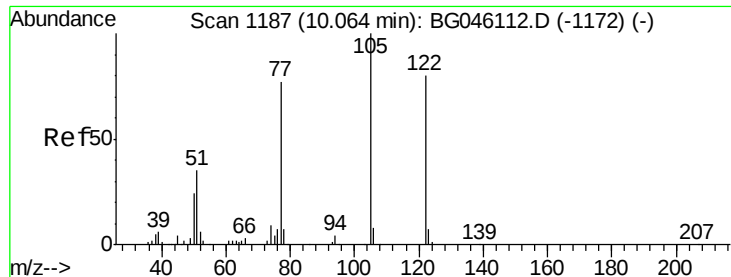
#23
Nitrobenzene-d5
Concen: 53.789 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG046284.D
Acq: 14 Aug 2020 20:42

Tgt	Ion: 82	Resp:	357085
Ion	Ratio	Lower	Upper
82	100		
128	43.7	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): E
Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 9.434 ng

RT: 10.10 min Scan# 1193

Delta R.T. 0.04 min

Lab File: BG046284.D

Acq: 14 Aug 2020 20:42

Instrument :

BNA_G

ClientSampled :

SP1-1

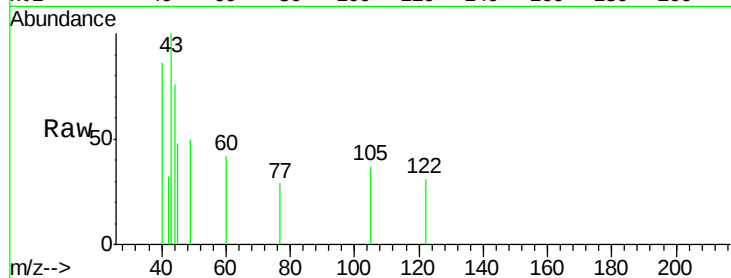
Tot Ion:122 Resp: 114

Ion Ratio Lower Upper

122 100

105 120.1 103.0 143.0

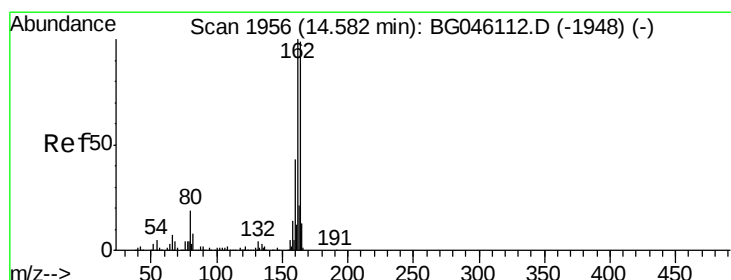
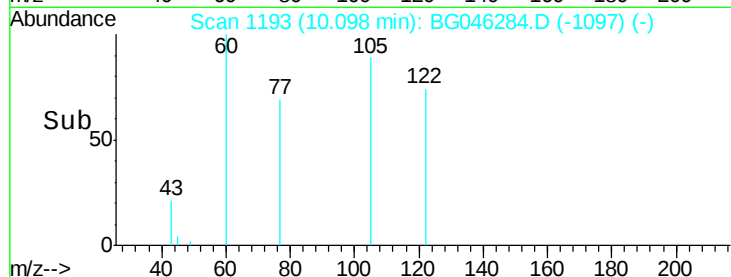
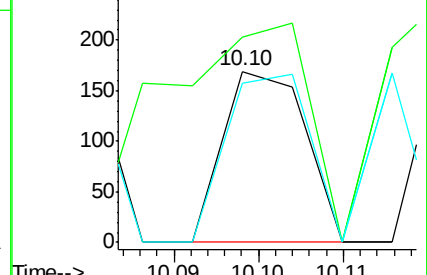
77 93.5 75.2 115.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG046284.D

Acq: 14 Aug 2020 20:42

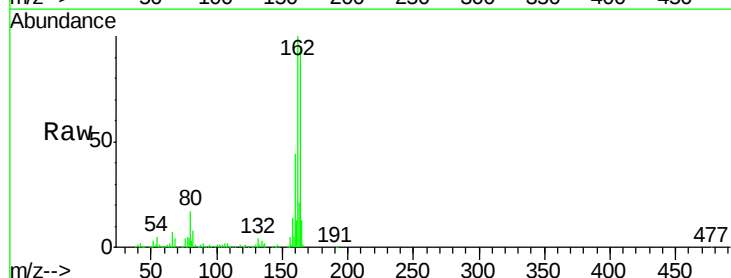
Tgt Ion:164 Resp: 248538

Ion Ratio Lower Upper

164 100

162 105.0 80.6 121.0

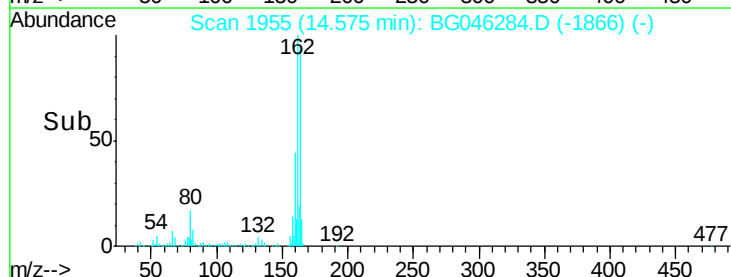
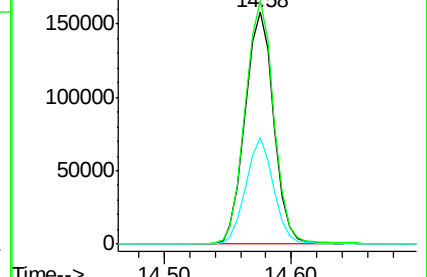
160 46.0 34.9 52.3

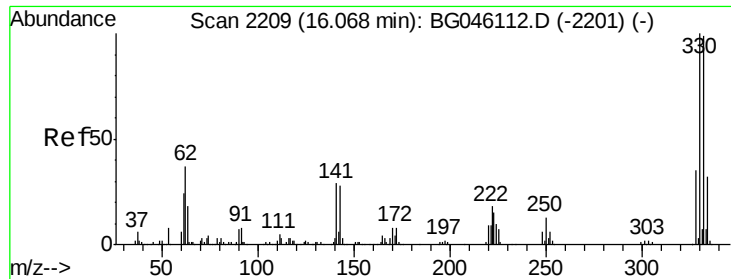


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 88.532 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046284.D

Acq: 14 Aug 2020 20:42

Instrument :

BNA_G

ClientSampleId :

SP1-1

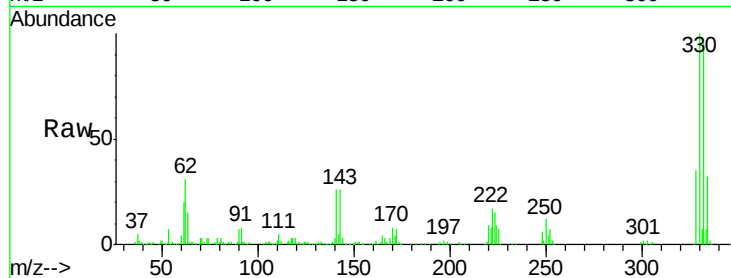
Tot Ion:330 Resp: 337972

Ion Ratio Lower Upper

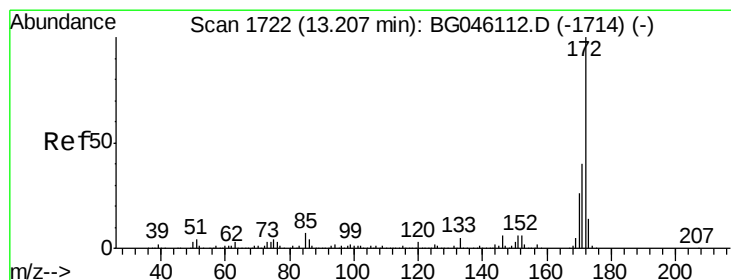
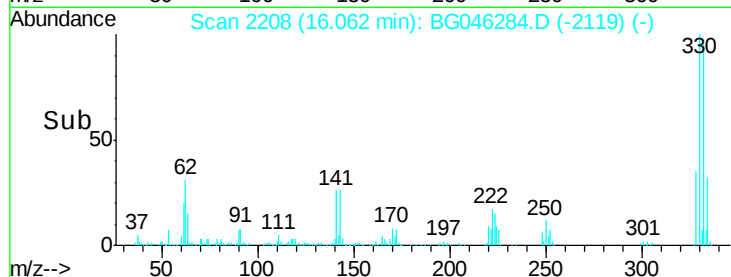
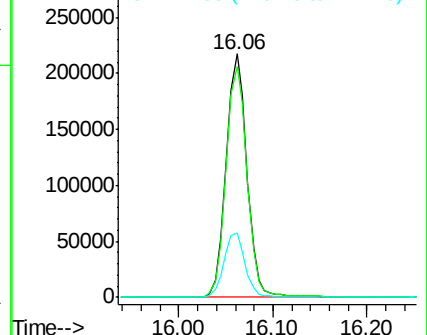
330 100

332 96.6 77.4 116.2

141 26.9 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: 54.970 ng

RT: 13.20 min Scan# 1721

Delta R.T. -0.01 min

Lab File: BG046284.D

Acq: 14 Aug 2020 20:42

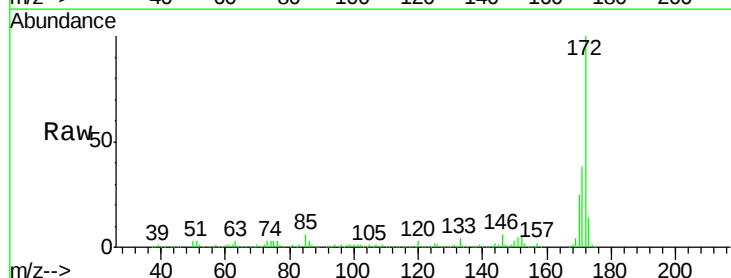
Tgt Ion:172 Resp: 940518

Ion Ratio Lower Upper

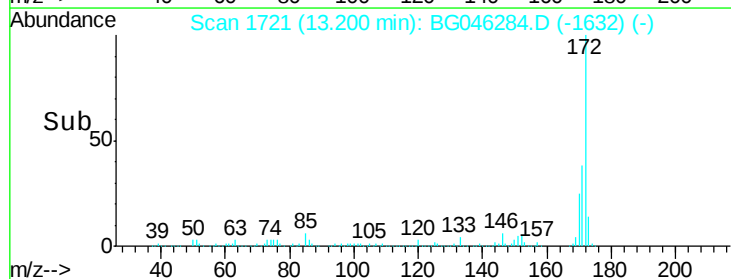
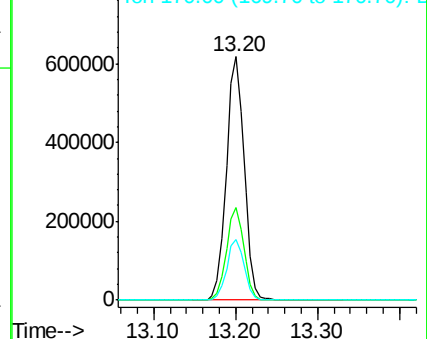
172 100

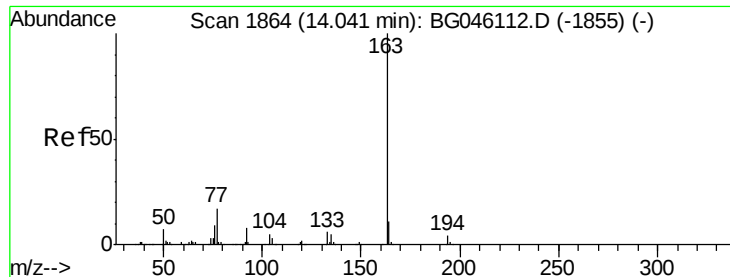
171 38.0 31.7 47.5

170 24.8 20.9 31.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

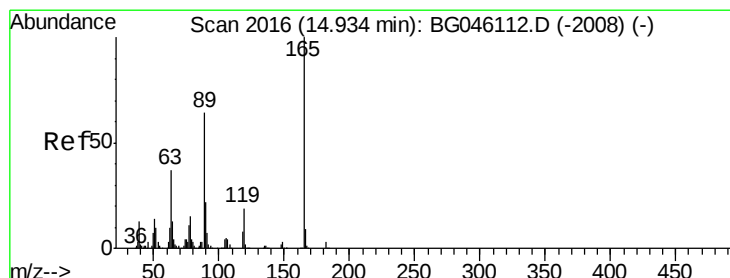
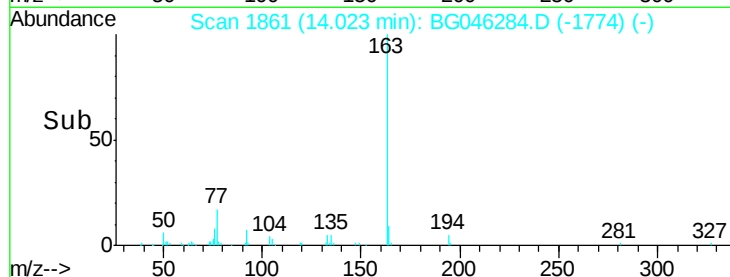
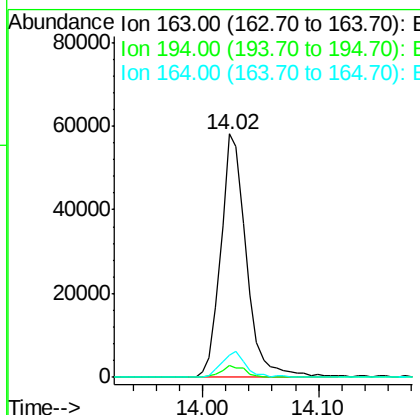
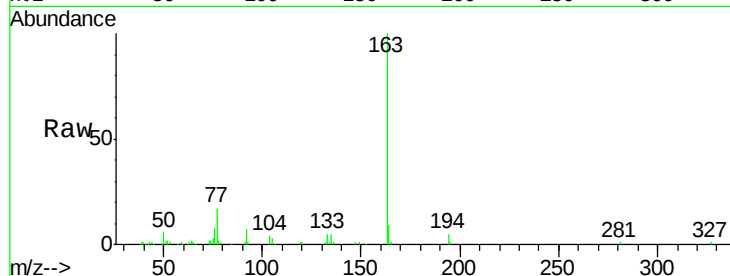




#50
Dimethylphthalate
Concen: 4.683 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.02 min
Lab File: BG046284.D
Acq: 14 Aug 2020 20:42

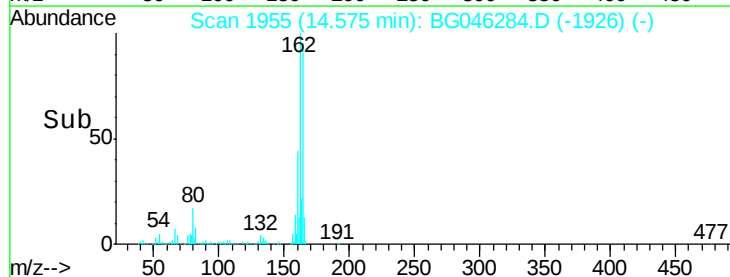
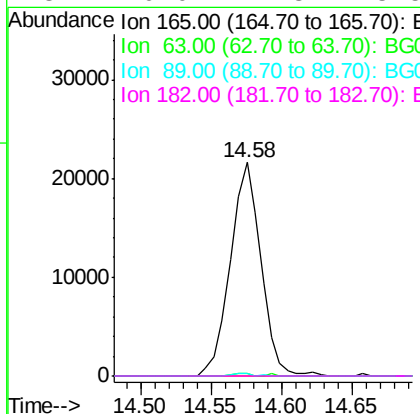
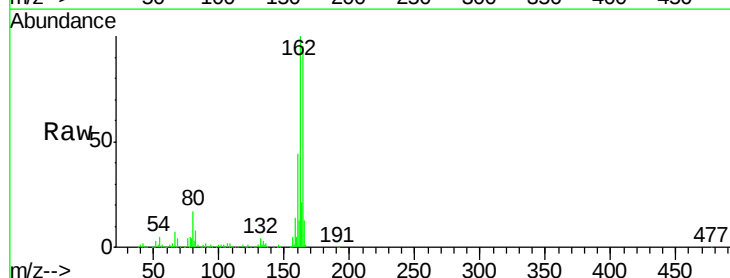
Instrument :
BNA_G
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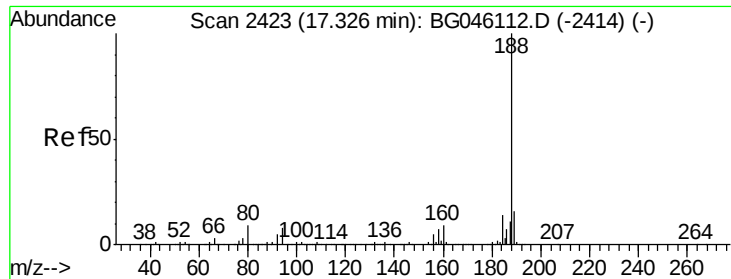
Tot Ion	163	Resp	89332
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.5	5.3
164	9.3	8.8	13.2



#57
2,4-Dinitrotoluene
Concen: 5.343 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.36 min
Lab File: BG046284.D
Acq: 14 Aug 2020 20:42

Tgt Ion	165	Resp	32616
Ion Ratio	Lower	Upper	
165	100		
63	1.0	30.1	45.1#
89	1.5	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: BG046284.D

Acq: 14 Aug 2020 20:42

Instrument :

BNA_G

ClientSampleId :

SP1-1

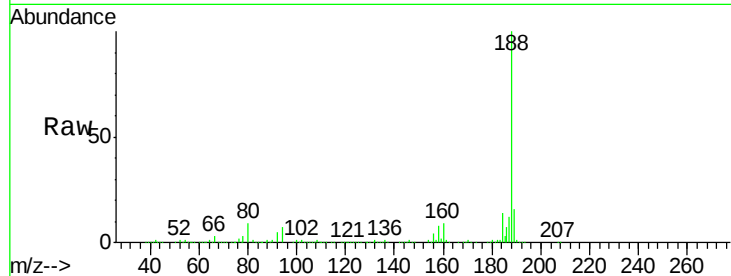
Tot Ion:188 Resp: 596343

Ion Ratio Lower Upper

188 100

94 7.3 6.4 9.6

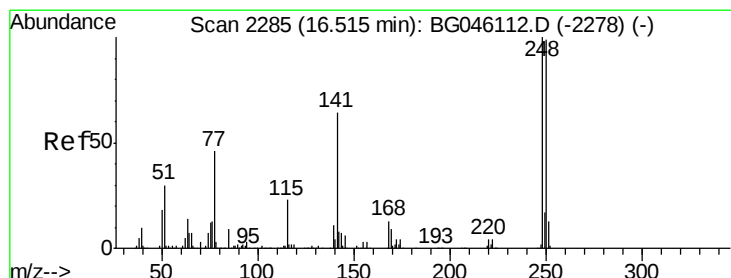
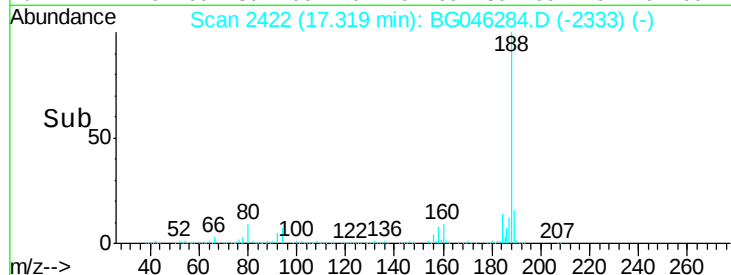
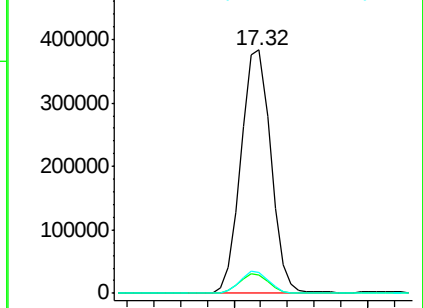
80 8.7 7.4 11.0



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: 2.774 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.45 min

Lab File: BG046284.D

Acq: 14 Aug 2020 20:42

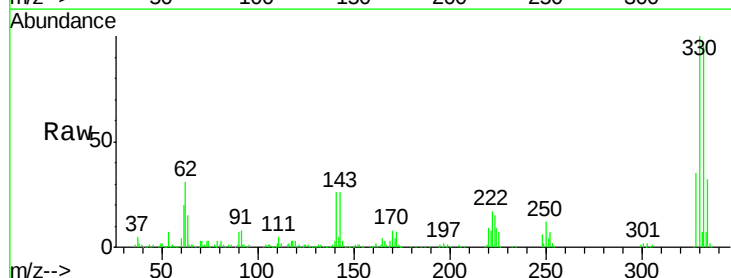
Tgt Ion:248 Resp: 20435

Ion Ratio Lower Upper

248 100

250 192.5 79.4 119.0#

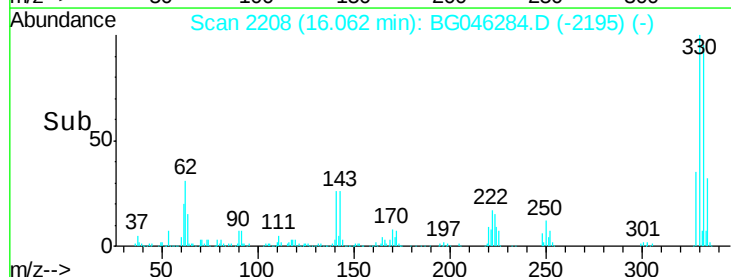
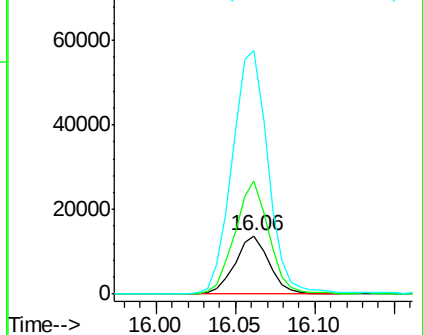
141 416.8 50.9 76.3#

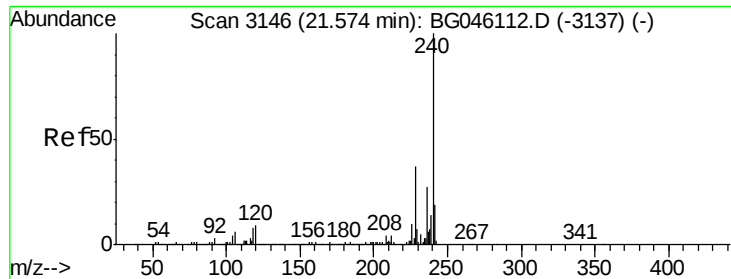


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

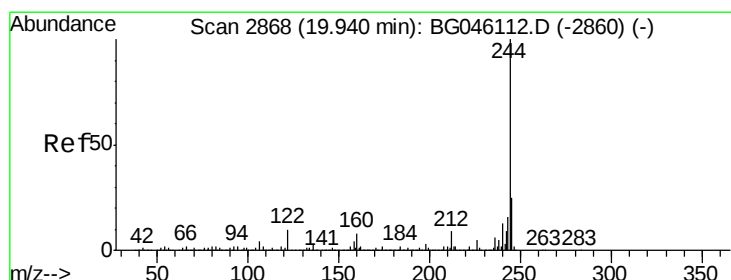
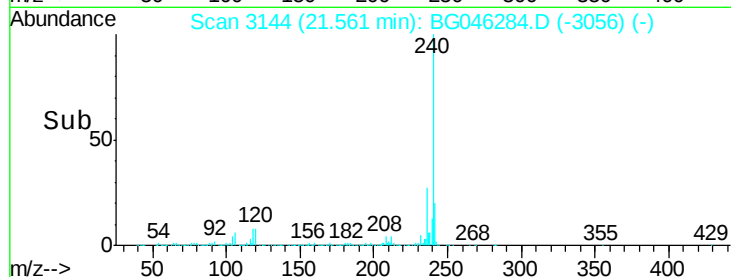
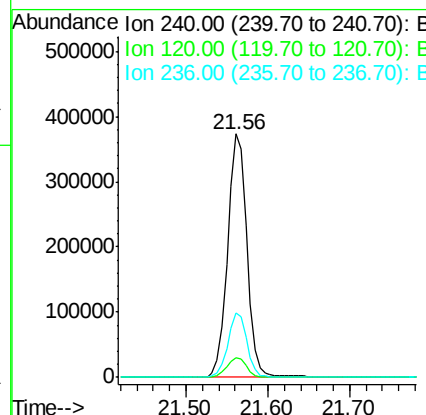
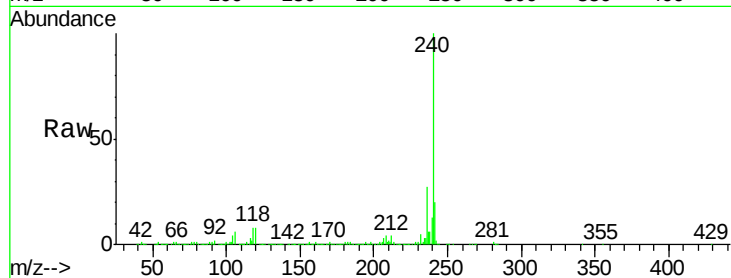




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG046284.D
Acq: 14 Aug 2020 20:42

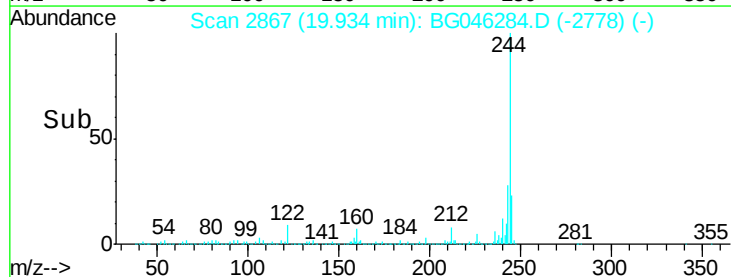
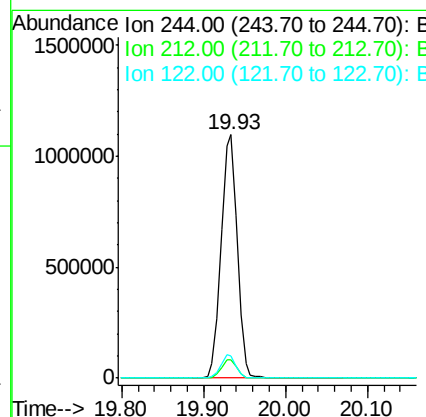
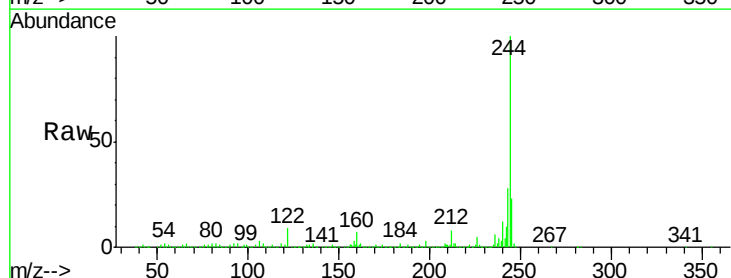
Instrument :
BNA_G
ClientSampleId :
SP1-1

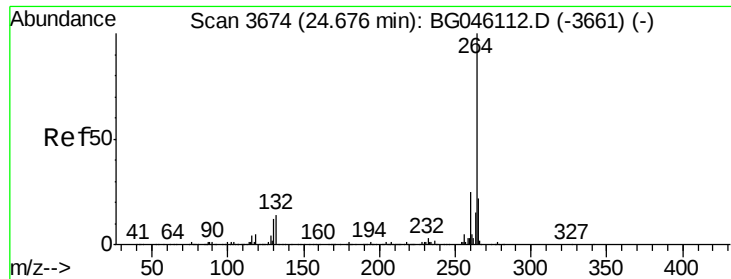
Tot Ion:240 Resp: 611930
Ion Ratio Lower Upper
240 100
120 8.3 7.1 10.7
236 26.6 21.7 32.5



#79
Terphenyl-d14
Concen: 50.556 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BG046284.D
Acq: 14 Aug 2020 20:42

Tgt Ion:244 Resp: 1519015
Ion Ratio Lower Upper
244 100
212 7.8 7.2 10.8
122 9.1 8.3 12.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.01 min
Lab File: BG046284.D
Acq: 14 Aug 2020 20:42

Instrument :
BNA_G
ClientSampleId :
SP1-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	22.2	17.6	26.4

