

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080420\
 Data File : BG046166.D
 Acq On : 4 Aug 2020 11:20
 Operator : CG/JU
 Sample : L3521-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 04 12:07:49 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

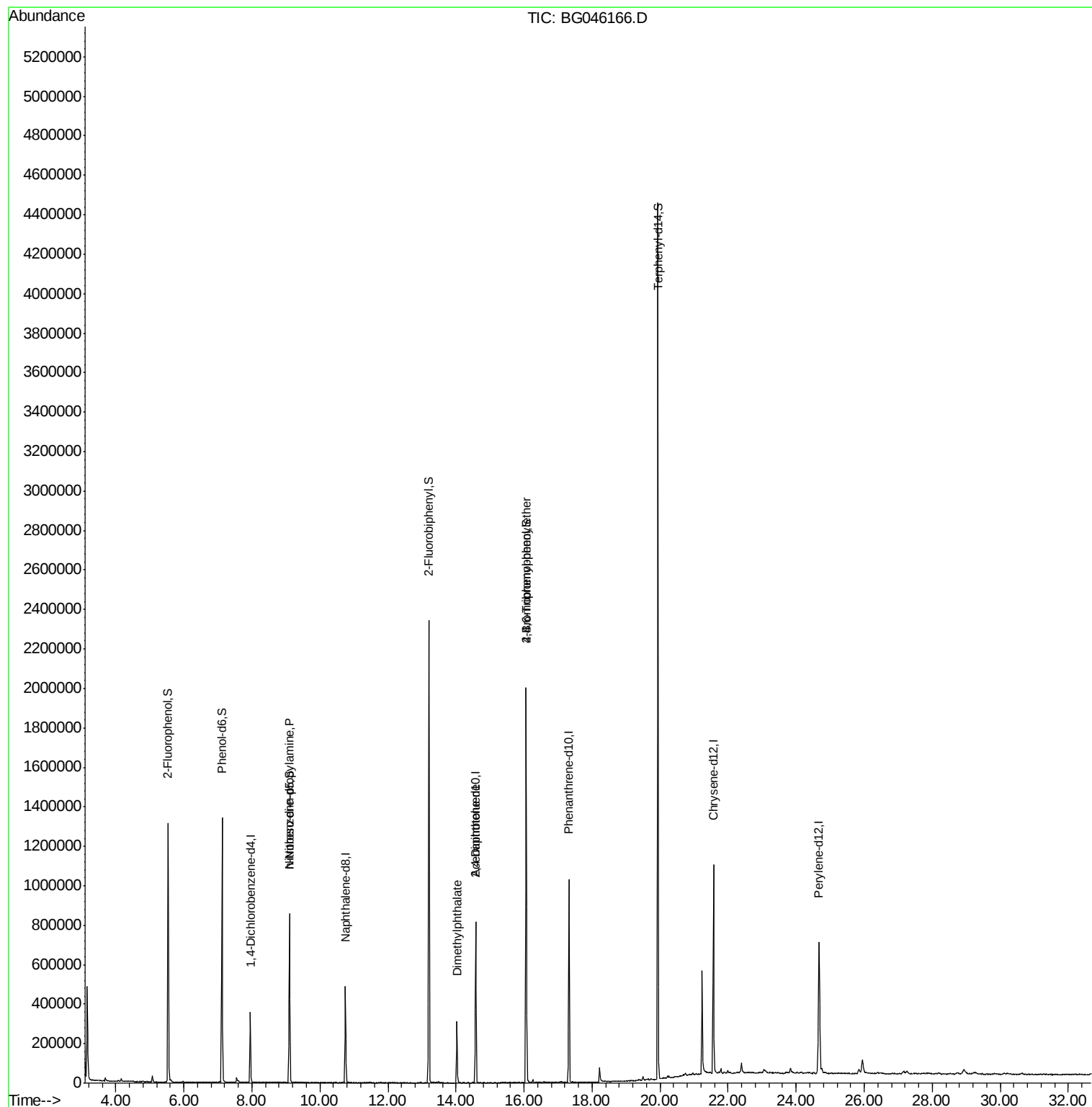
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	107766	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	444632	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	284549	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	648234	20.00	ng	0.00
76) Chrysene-d12	21.57	240	674535	20.00	ng	0.00
86) Perylene-d12	24.68	264	701833	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	597868	96.44	ng	0.00
7) Phenol-d6	7.12	99	795458	94.15	ng	0.00
23) Nitrobenzene-d5	9.11	82	538142	65.53	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	401417	91.84	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1235966	63.10	ng	0.00
79) Terphenyl-d14	19.93	244	1866372	56.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	69297	12.603	ng	# 78
50) Dimethylphthalate	14.03	163	214844	9.837	ng	# 99
57) 2,4-Dinitrotoluene	14.58	165	38626	5.527	ng	# 29
67) 4-Bromophenyl-phenylether	16.06	248	25342	3.164	ng	# 1

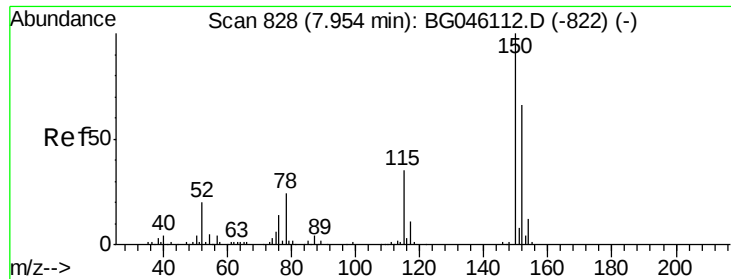
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080420\
Data File : BG046166.D
Acq On : 4 Aug 2020 11:20
Operator : CG/JU
Sample : L3521-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 04 12:07:49 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



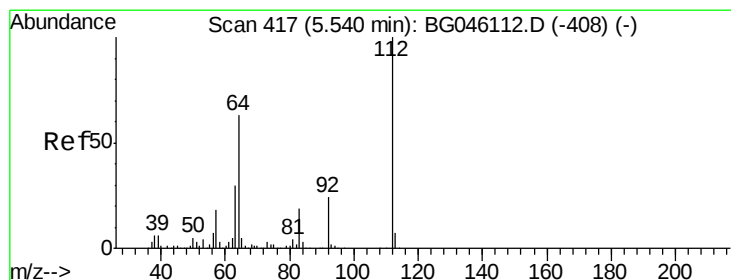
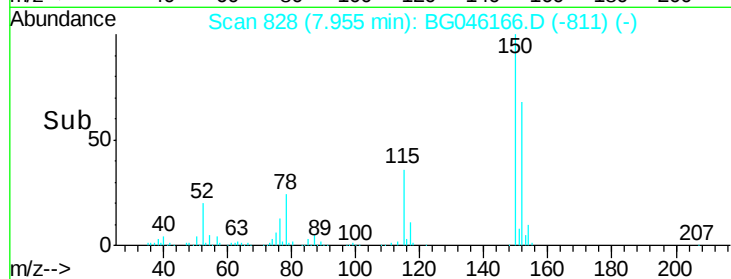
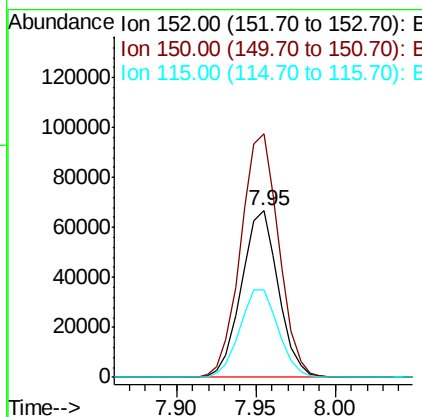
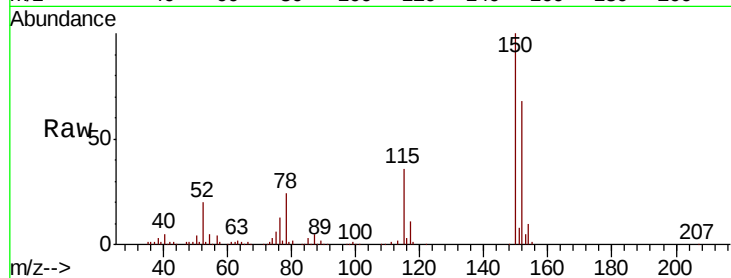


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG046166.D
Acq: 4 Aug 2020 11:20

Instrument :
BNA_G
ClientSampleId :

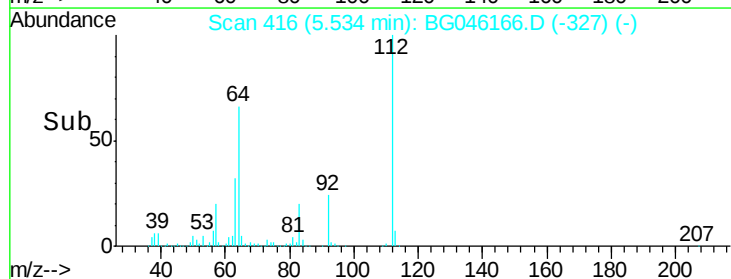
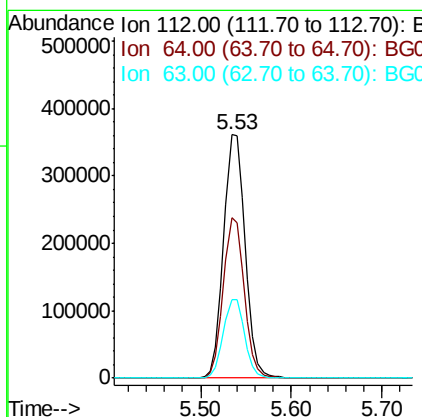
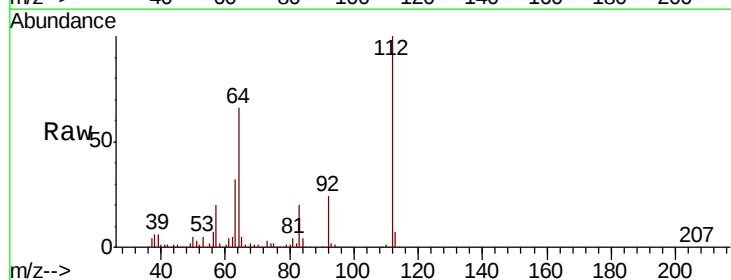
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.1	122.1	183.1
115	52.4	43.2	64.8

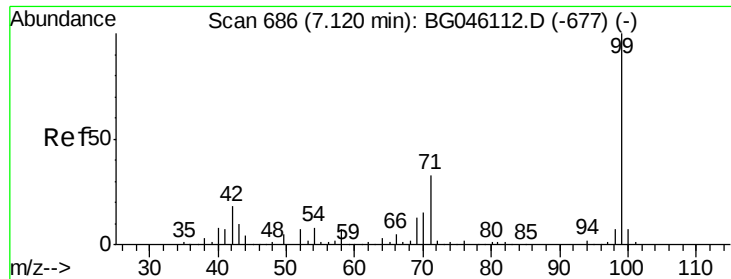


#5

2-Fluorophenol
Concen: 96.442 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG046166.D
Acq: 4 Aug 2020 11:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	50.2	75.2
63	32.4	24.2	36.4





#7

Phenol-d6

Concen: 94.151 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046166.D

Acq: 4 Aug 2020 11:20

Instrument :

BNA_G

ClientSampleId :

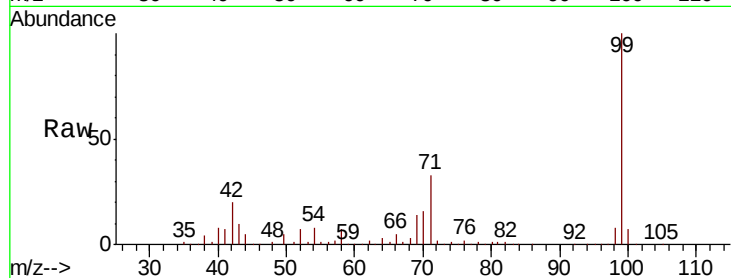
Tot Ion: 99 Resp: 795458

Ion Ratio Lower Upper

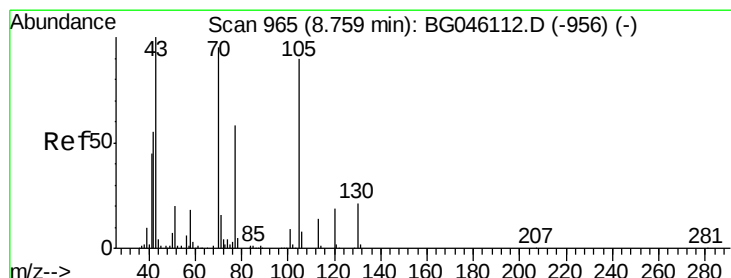
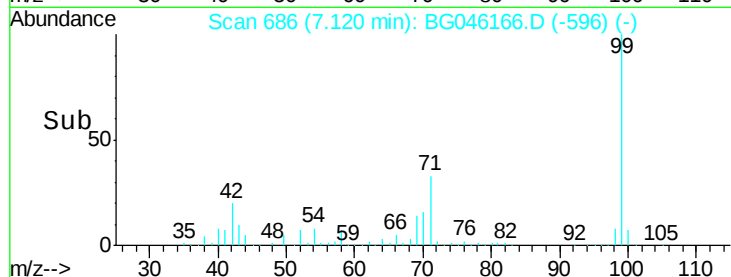
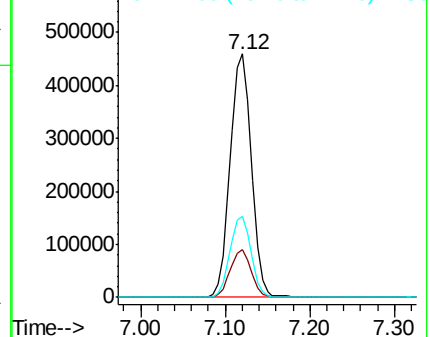
99 100

42 19.7 14.7 22.1

71 33.3 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: 12.603 ng

RT: 9.11 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG046166.D

Acq: 4 Aug 2020 11:20

Tgt Ion: 70 Resp: 69297

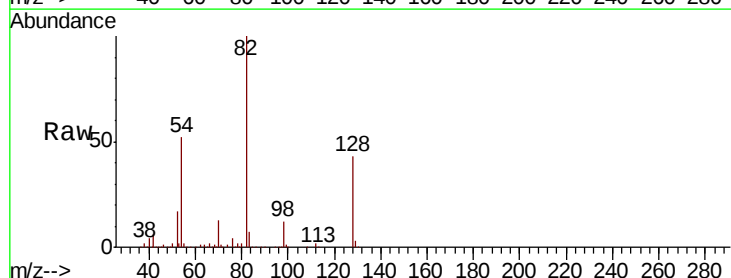
Ion Ratio Lower Upper

70 100

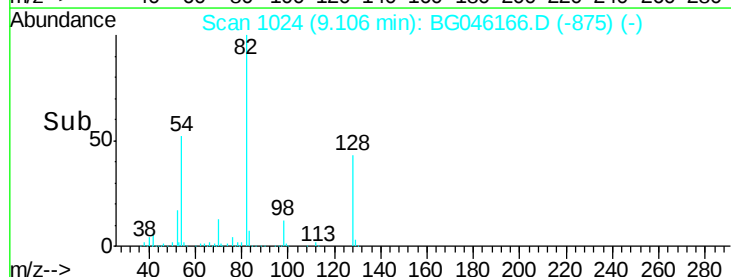
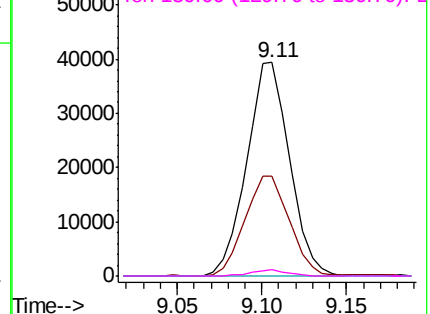
42 46.9 46.5 69.7

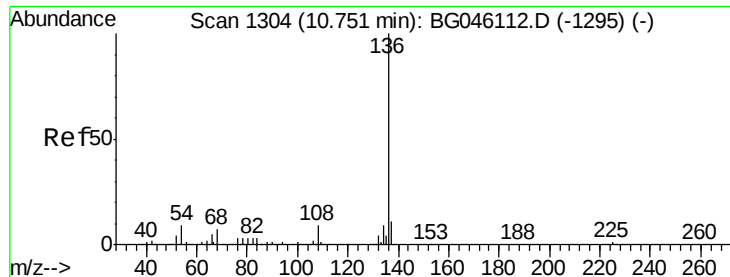
101 0.0 7.6 11.4#

130 2.7 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

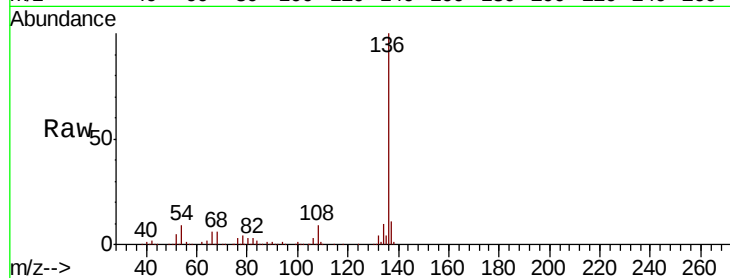




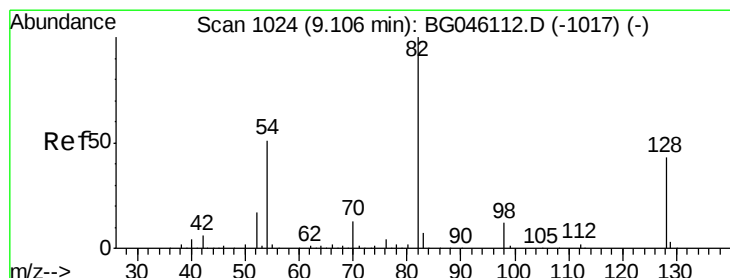
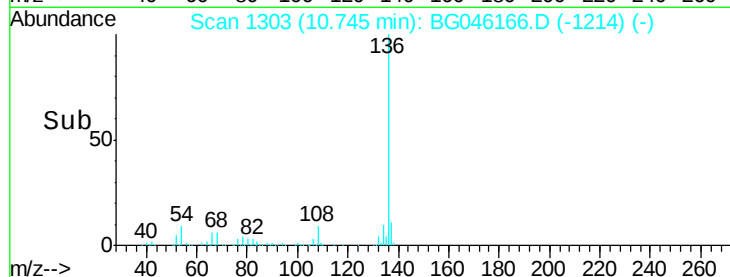
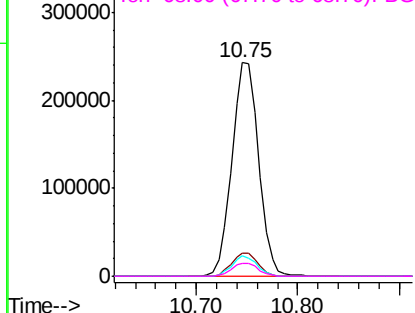
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG046166.D
Acq: 4 Aug 2020 11:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	444632
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.8 13.2
54	9.3	7.0 10.4
68	6.2	5.3 7.9

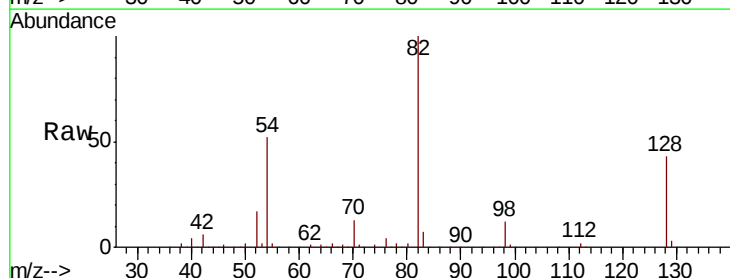


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

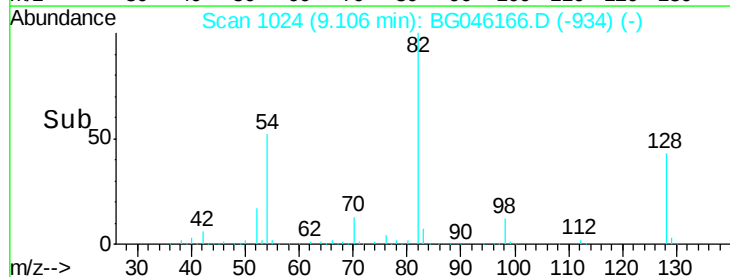
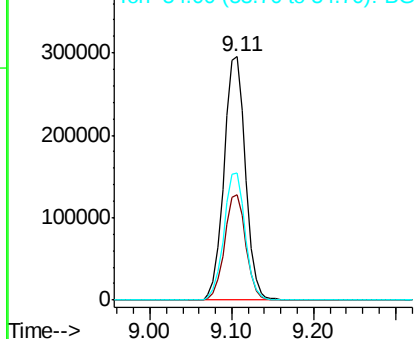


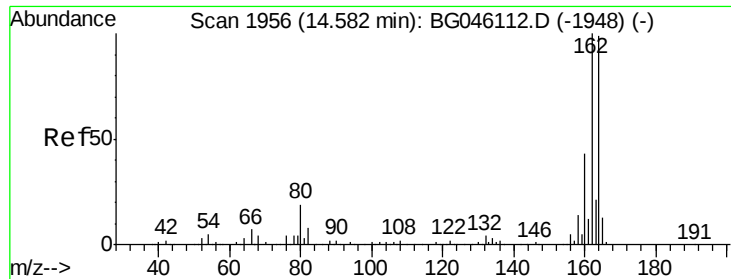
#23
Nitrobenzene-d5
Concen: 65.529 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG046166.D
Acq: 4 Aug 2020 11:20

Tgt Ion: 82	Resp:	538142
Ion	Ratio	Lower Upper
82	100	
128	43.2	34.4 51.6
54	52.2	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: 14.58 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG046166.D

Acq: 4 Aug 2020 11:20

Instrument :

BNA_G

ClientSampleId :

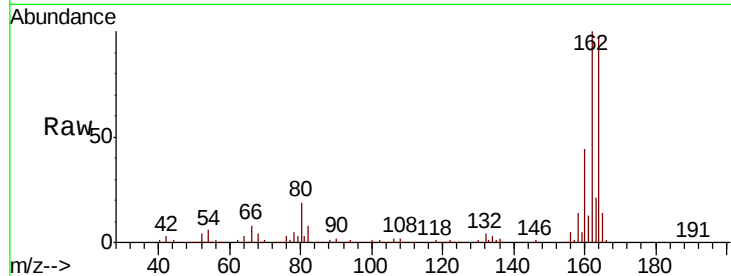
Tot Ion:164 Resp: 284549

Ion Ratio Lower Upper

164 100

162 103.3 80.6 121.0

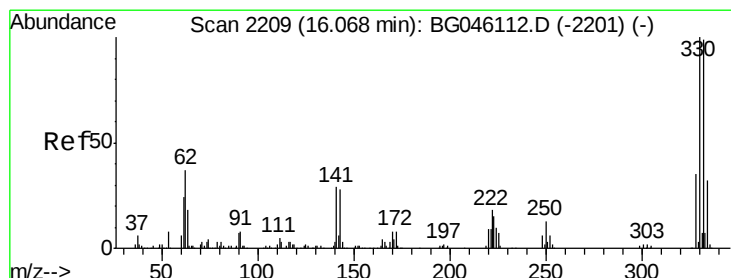
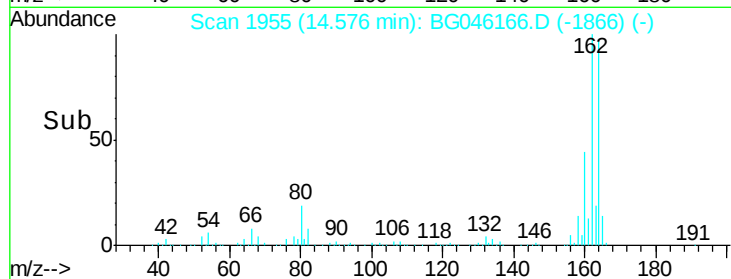
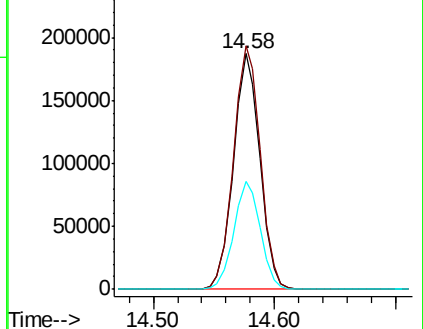
160 45.6 34.9 52.3



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: 91.844 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046166.D

Acq: 4 Aug 2020 11:20

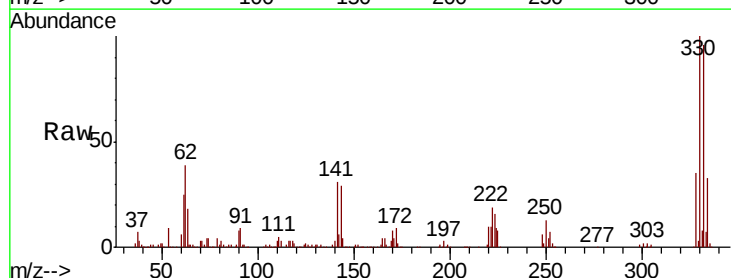
Tgt Ion:330 Resp: 401417

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

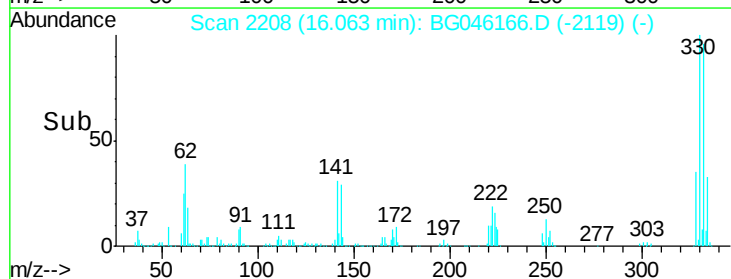
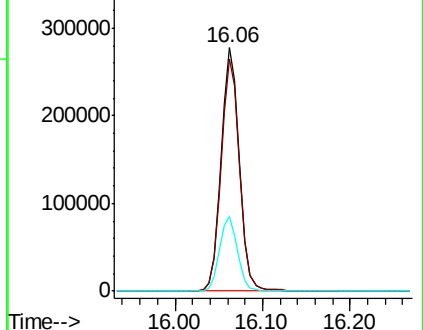
141 30.4 23.4 35.0

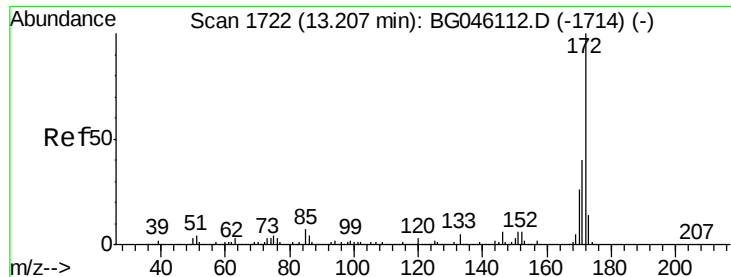


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

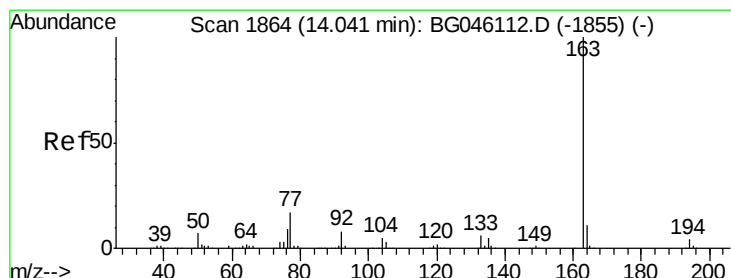
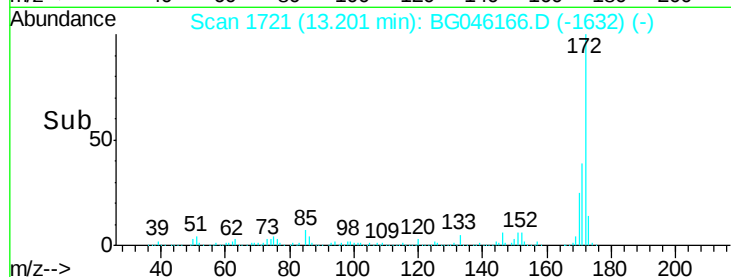
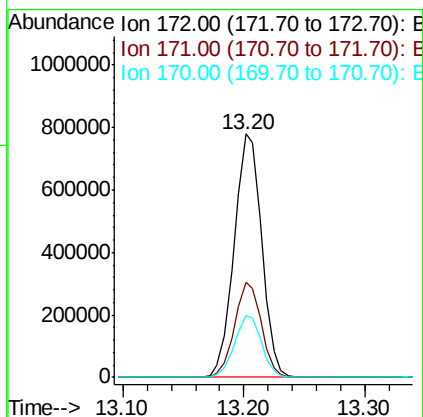
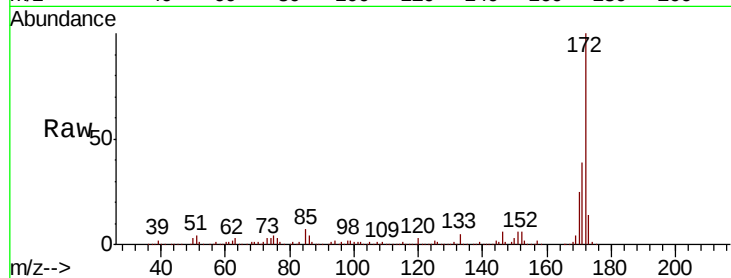




#45
2-Fluorobiphenyl
Concen: 63.096 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG046166.D
Acq: 4 Aug 2020 11:20

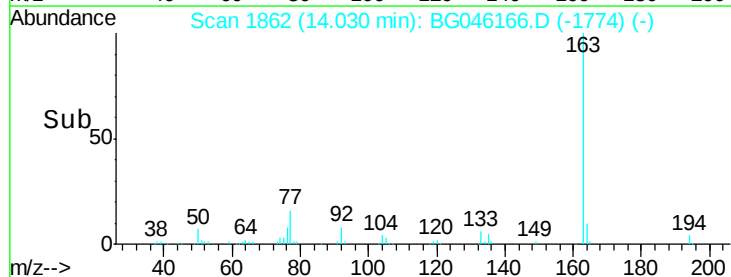
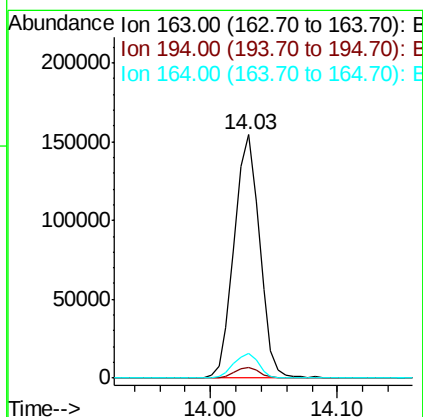
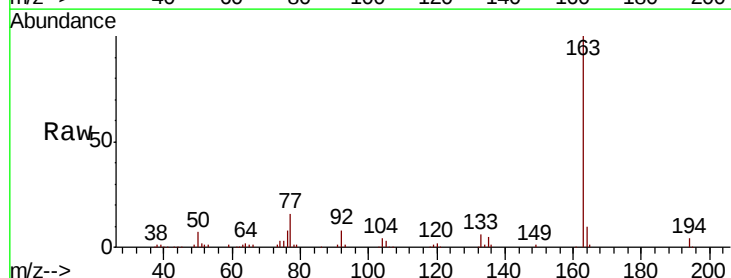
Instrument :
BNA_G
ClientSampleId :

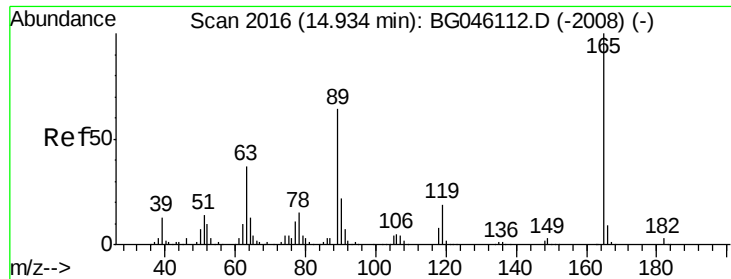
Tot Ion:172 Resp: 1235966
Ion Ratio Lower Upper
172 100
171 39.2 31.7 47.5
170 25.3 20.9 31.3



#50
Dimethylphthalate
Concen: 9.837 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG046166.D
Acq: 4 Aug 2020 11:20

Tgt Ion:163 Resp: 214844
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.3 8.8 13.2

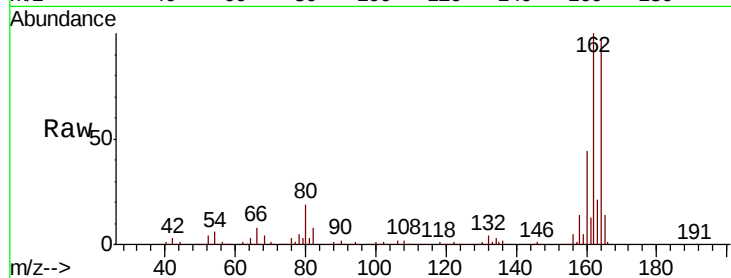




#57
 2,4-Dinitrotoluene
 Concen: 5.527 ng
 RT: 14.58 min Scan# 1955
 Delta R.T. -0.36 min
 Lab File: BG046166.D
 Acq: 4 Aug 2020 11:20

Instrument :
 BNA_G
 ClientSampleId :

Tot 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#



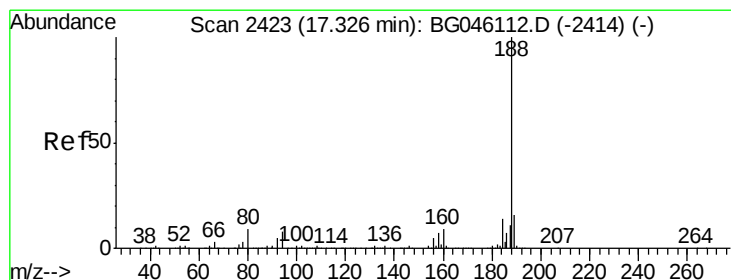
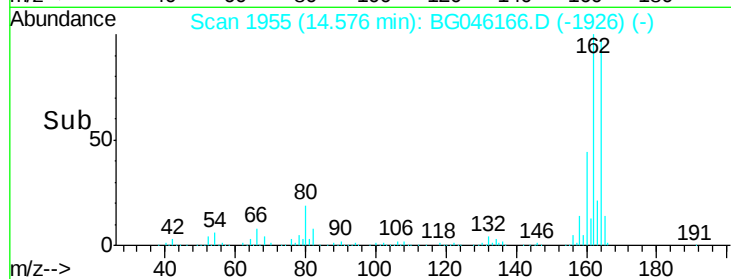
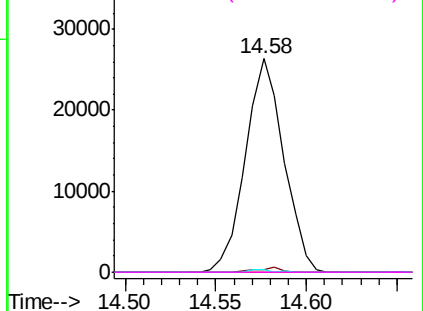
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

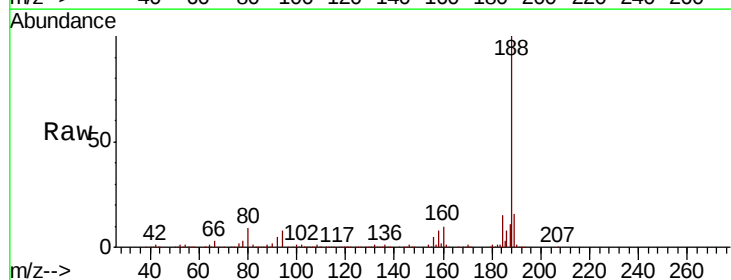
Ion 89.00 (88.70 to 89.70): BGC

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: BG046166.D
 Acq: 4 Aug 2020 11:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.4	9.6
80	9.2	7.4	11.0

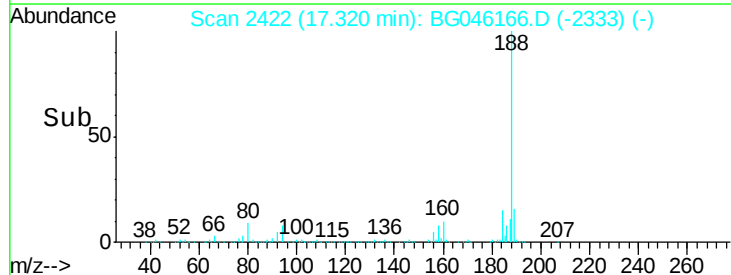
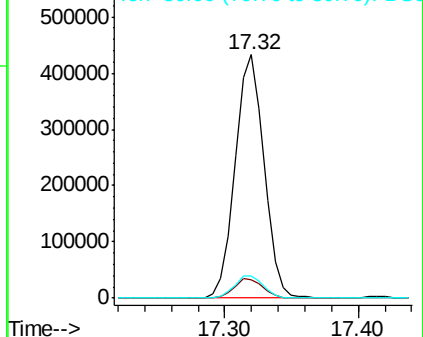


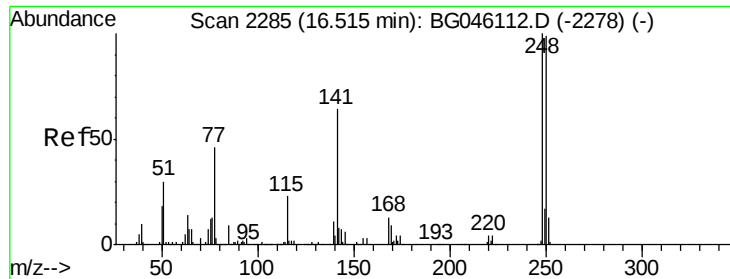
Abundance

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

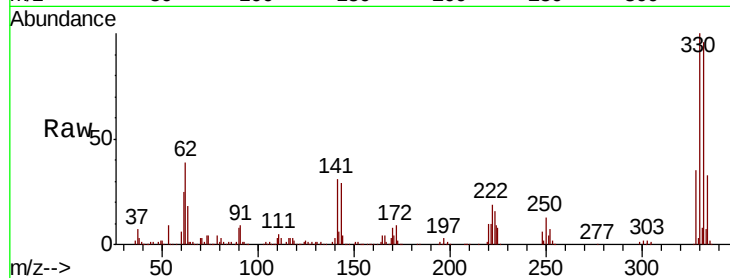




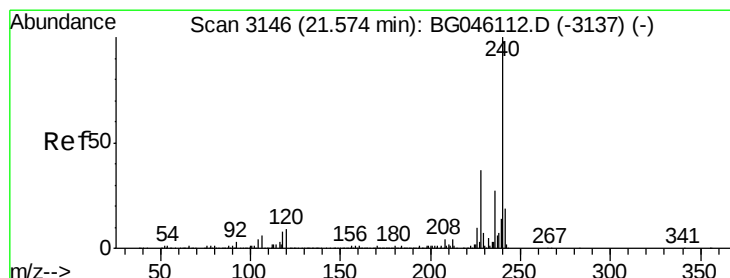
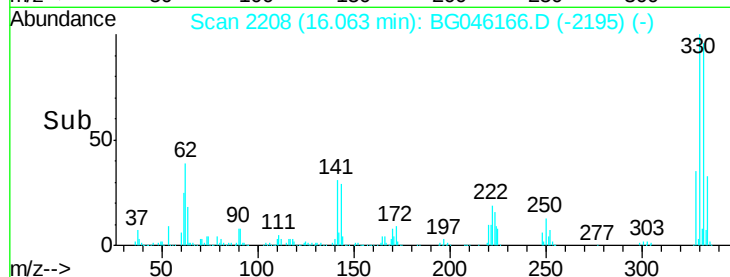
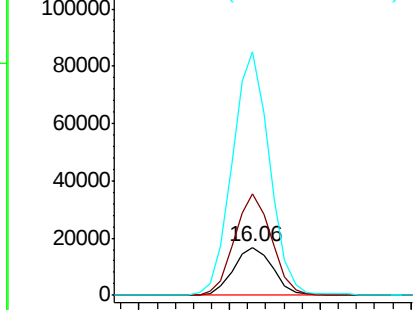
#67
4-Bromophenyl-phenylether
Concen: 3.164 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BG046166.D
Acq: 4 Aug 2020 11:20

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 25342
Ion Ratio Lower Upper
248 100
250 209.5 79.4 119.0#
141 504.4 50.9 76.3#

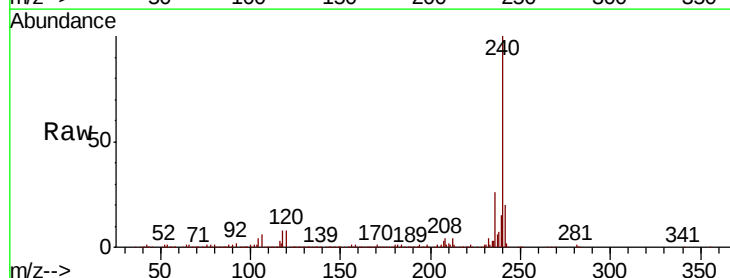


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

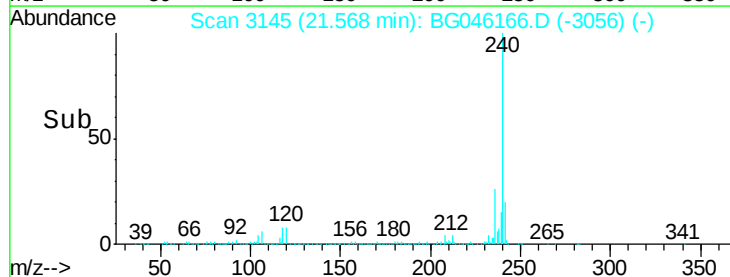
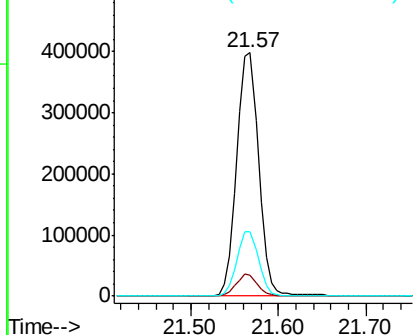


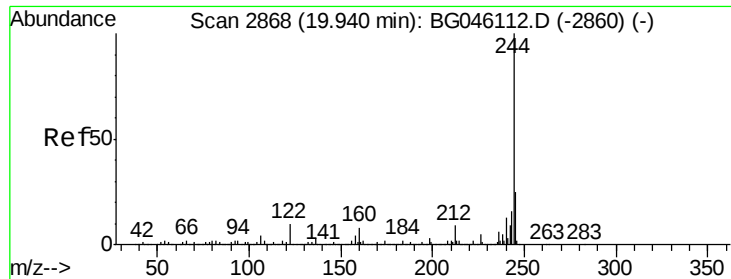
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG046166.D
Acq: 4 Aug 2020 11:20

Tgt Ion:240 Resp: 674535
Ion Ratio Lower Upper
240 100
120 8.5 7.1 10.7
236 26.2 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: 56.352 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046166.D

Acq: 4 Aug 2020 11:20

Instrument :

BNA_G

ClientSampleId :

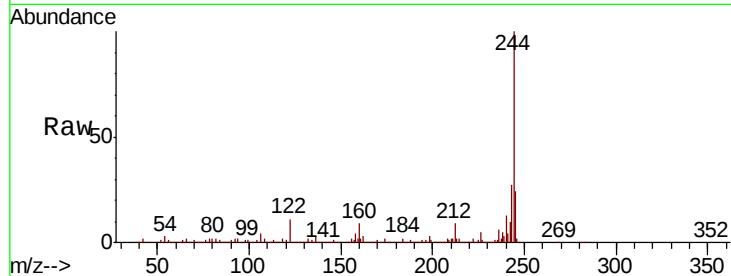
Tot Ion:244 Resp: 1866372

Ion Ratio Lower Upper

244 100

212 9.1 7.2 10.8

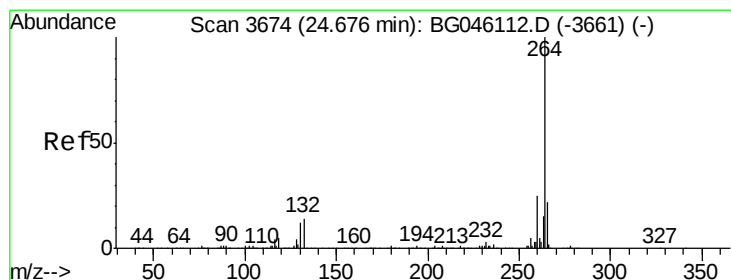
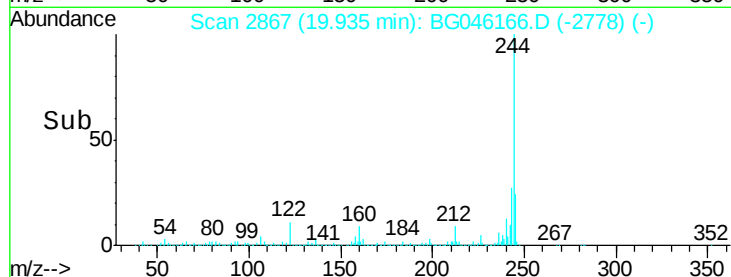
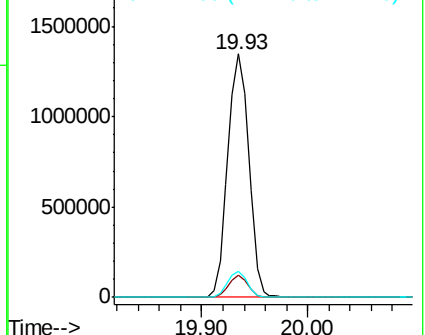
122 10.7 8.3 12.5



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: 24.68 min Scan# 3674

Delta R.T. 0.00 min

Lab File: BG046166.D

Acq: 4 Aug 2020 11:20

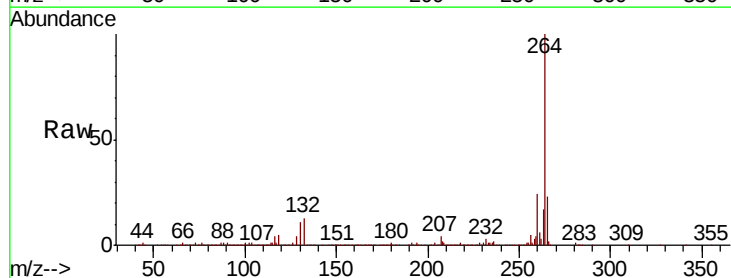
Tgt Ion:264 Resp: 701833

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 23.2 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

