

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
 Data File : BG046279.D
 Acq On : 14 Aug 2020 17:18
 Operator : CG/JU
 Sample : L3659-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP1-2

Quant Time: Aug 14 18:24:26 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

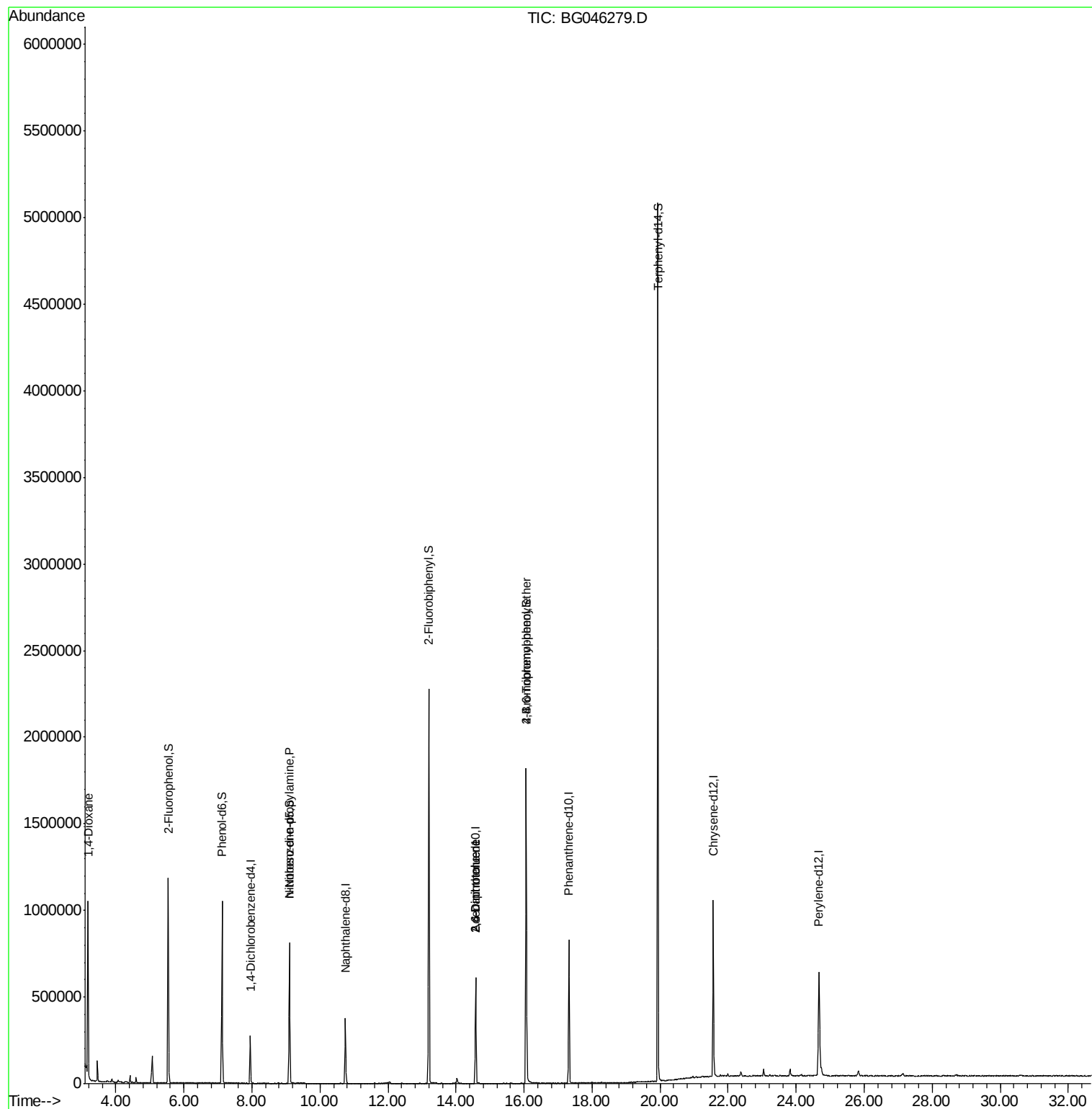
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	85177	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	342130	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	220398	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	545935	20.00	ng	0.00
76) Chrysene-d12	21.56	240	644053	20.00	ng	-0.01
86) Perylene-d12	24.67	264	646799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	548278	111.90	ng	0.00
7) Phenol-d6	7.12	99	649324	97.24	ng	0.00
23) Nitrobenzene-d5	9.11	82	519679	82.24	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	429484	126.87	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1235378	81.42	ng	0.00
79) Terphenyl-d14	19.93	244	2148676	67.95	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.18	88	9748	4.371	ng	# 1
19) n-Nitroso-di-n-propylamine	9.10	70	67144	15.449	ng	# 74
51) 2,6-Dinitrotoluene	14.58	165	29713	7.547	ng	# 28
57) 2,4-Dinitrotoluene	14.58	165	29713	5.489	ng	# 28
67) 4-Bromophenyl-phenylether	16.06	248	26353	3.907	ng	# 1

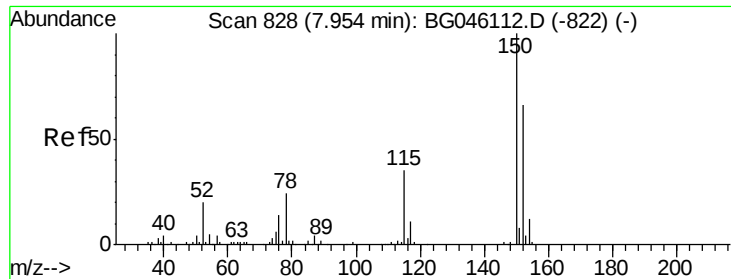
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
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SP1-2

Quant Time: Aug 14 18:24:26 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# 827

Delta R.T. -0.01 min

Lab File: BG046279.D

Acq: 14 Aug 2020 17:18

Instrument :

BNA_G

ClientSampled :

SP1-2

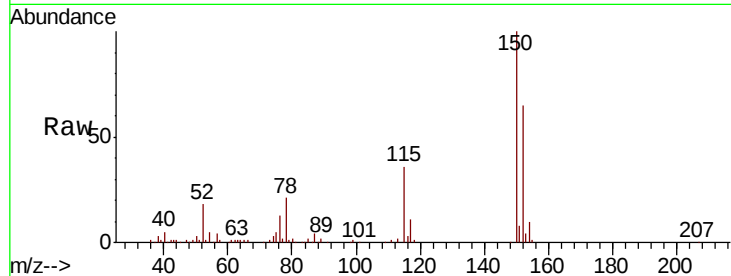
Tot Ion:152 Resp: 85177

Ion Ratio Lower Upper

152 100

150 153.3 122.1 183.1

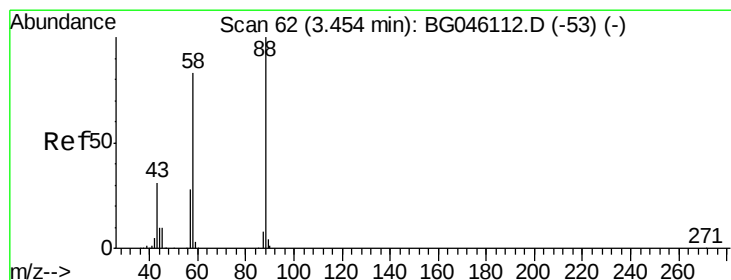
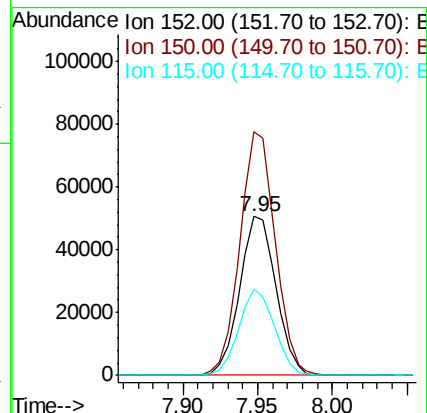
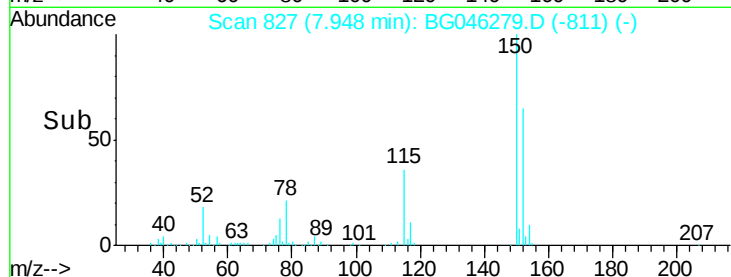
115 54.5 43.2 64.8



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



#2

1,4-Dioxane

Concen: 4.371 ng

RT: 3.18 min Scan# 15

Delta R.T. -0.28 min

Lab File: BG046279.D

Acq: 14 Aug 2020 17:18

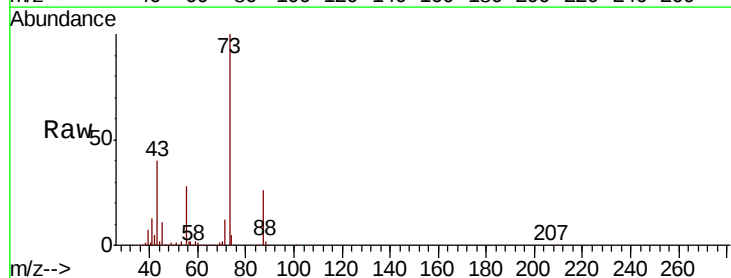
Tgt Ion: 88 Resp: 9748

Ion Ratio Lower Upper

88 100

58 28.7 66.5 99.7#

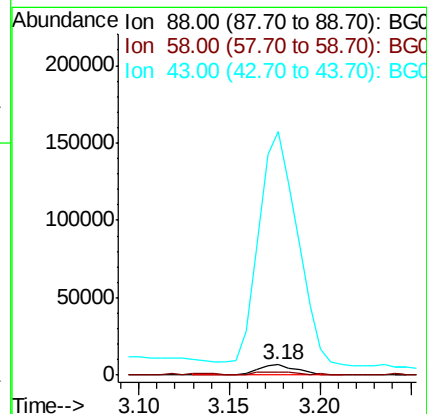
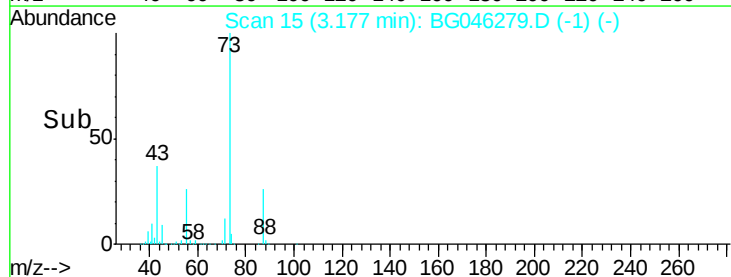
43 2306.2 23.8 35.8#

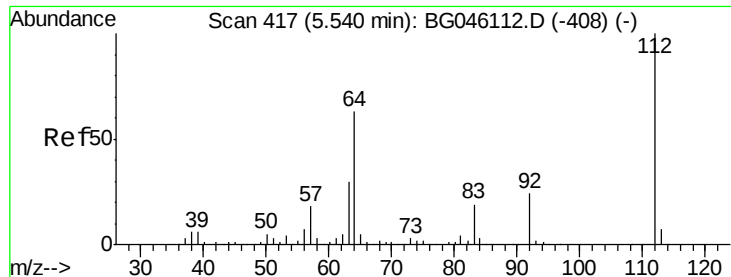


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 111.898 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046279.D

Acq: 14 Aug 2020 17:18

Instrument :

BNA_G

ClientSampled :

SP1-2

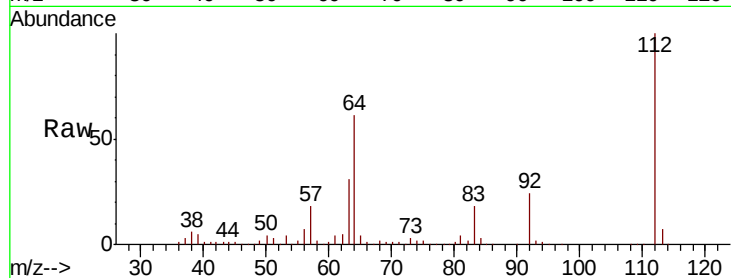
Tot Ion: 112 Resp: 548278

Ion Ratio Lower Upper

112 100

64 60.8 50.2 75.2

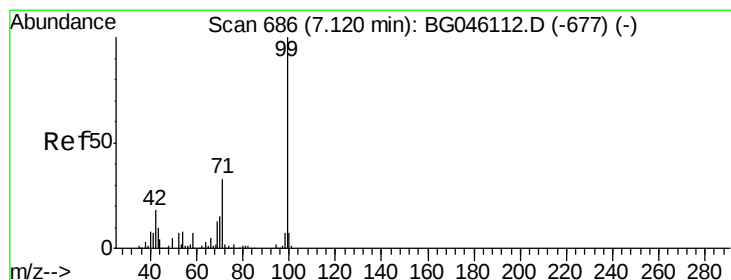
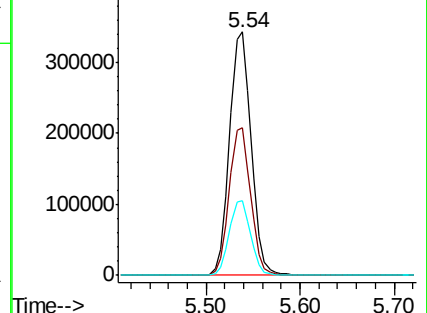
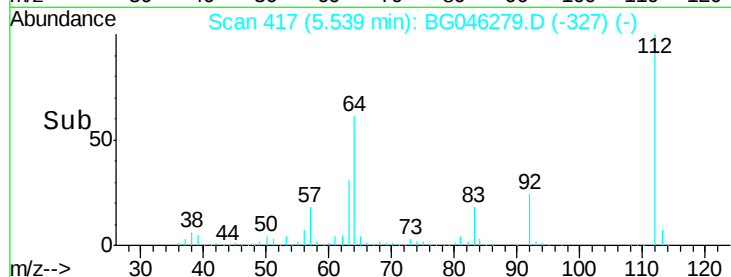
63 30.7 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 97.236 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046279.D

Acq: 14 Aug 2020 17:18

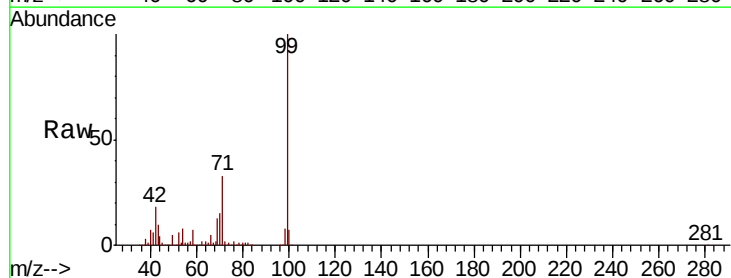
Tgt Ion: 99 Resp: 649324

Ion Ratio Lower Upper

99 100

42 18.0 14.7 22.1

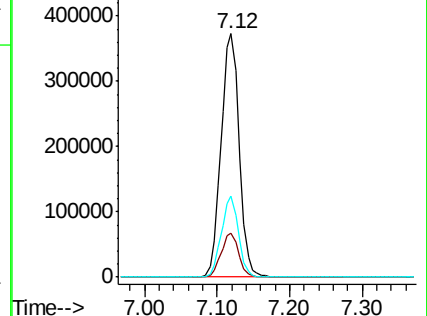
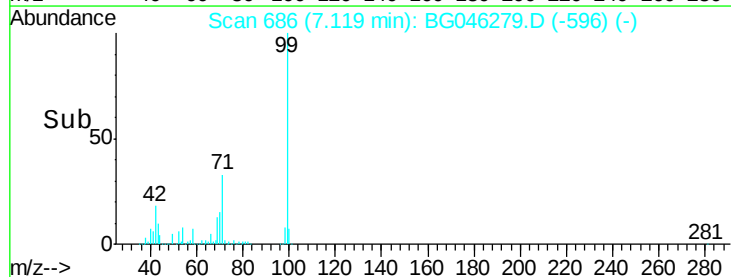
71 33.4 26.5 39.7

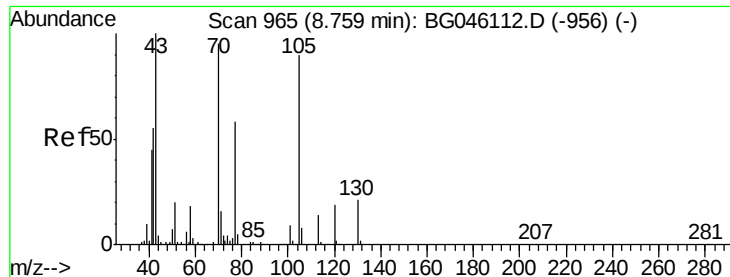


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

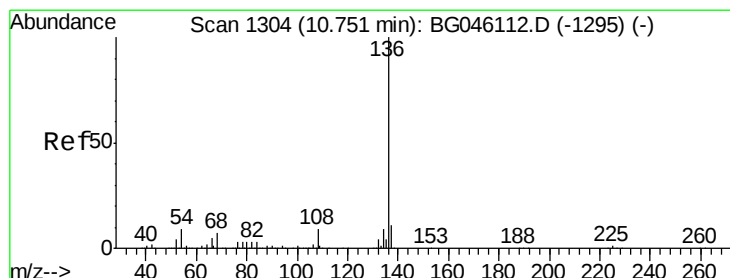
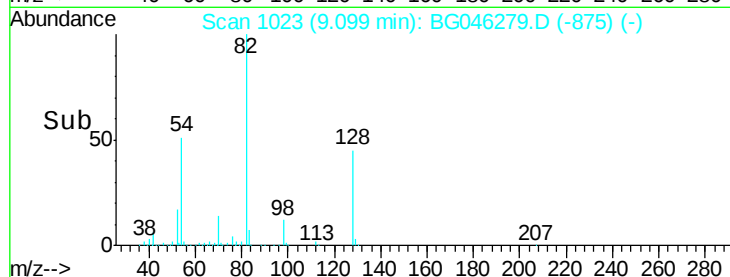
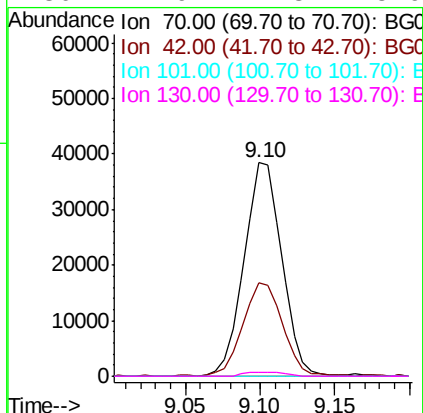
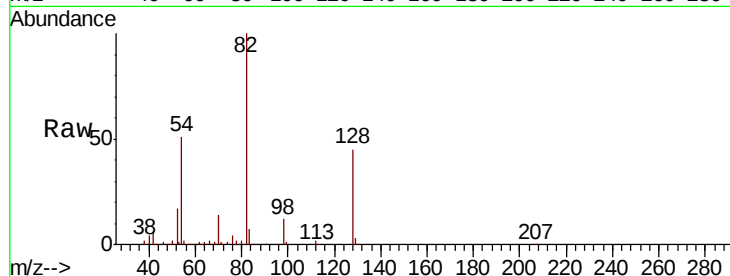




#19
n-Nitroso-di-n-propylamine
Concen: 15.449 ng
RT: 9.10 min Scan# 1023
Delta R.T. 0.34 min
Lab File: BG046279.D
Acq: 14 Aug 2020 17:18

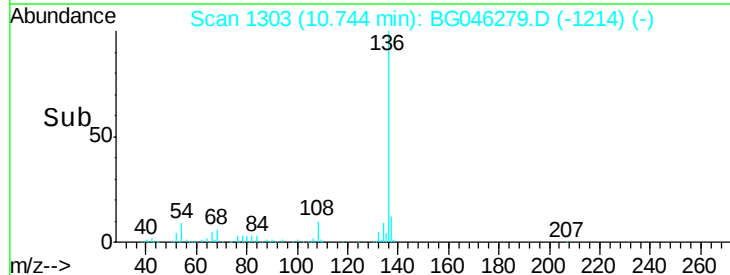
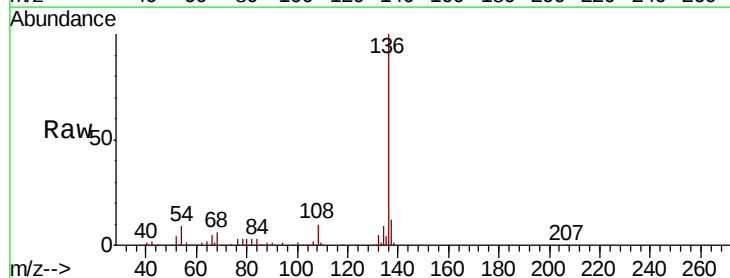
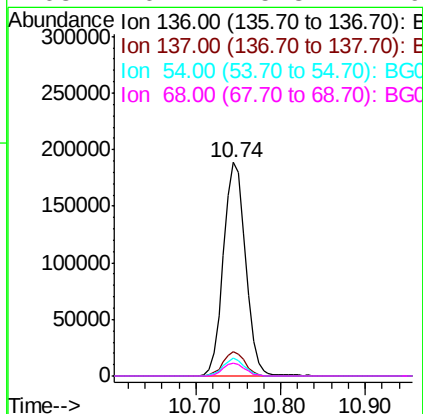
Instrument :
BNA_G
ClientSampleId :
SP1-2

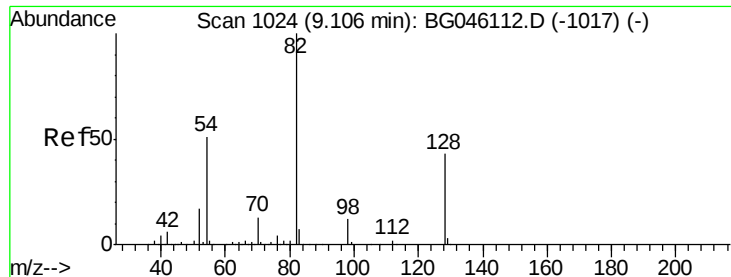
Tot Ion: 70 Resp: 67144
Ion Ratio Lower Upper
70 100
42 43.5 46.5 69.7#
101 0.0 7.6 11.4#
130 1.9 17.3 25.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG046279.D
Acq: 14 Aug 2020 17:18

Tgt Ion: 136 Resp: 342130
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 8.5 7.0 10.4
68 6.1 5.3 7.9

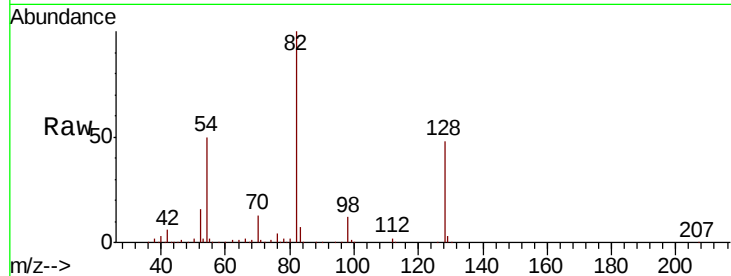




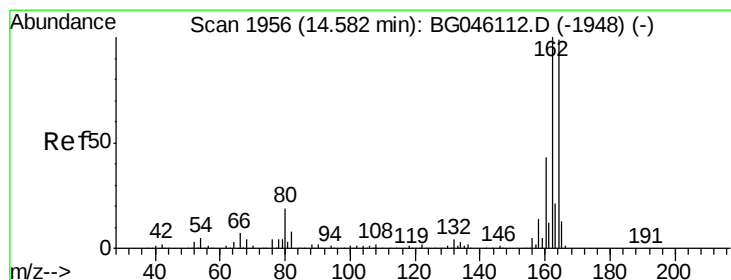
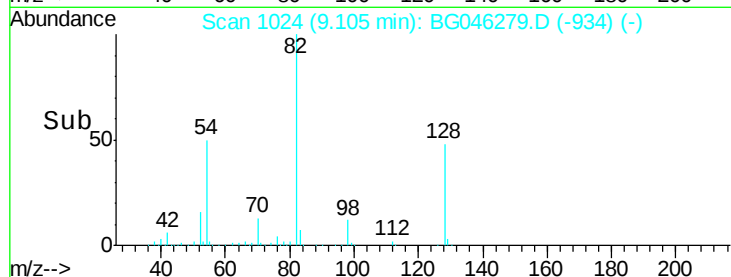
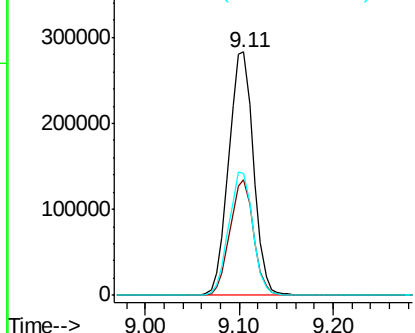
#23
Nitrobenzene-d5
Concen: 82.240 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046279.D
Acq: 14 Aug 2020 17:18

Instrument :
BNA_G
ClientSampled :
SP1-2

Tot Ion	82	Resp	519679
Ion Ratio	100	Lower	Upper
128	47.5	34.4	51.6
54	50.1	40.8	61.2

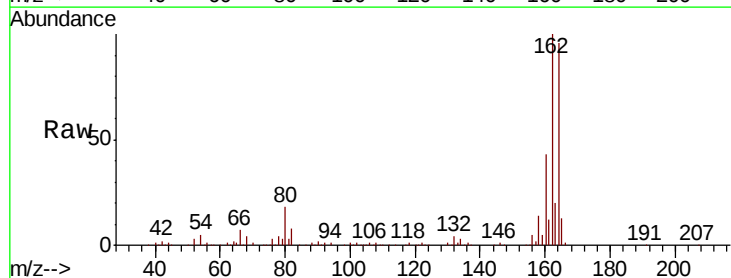


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

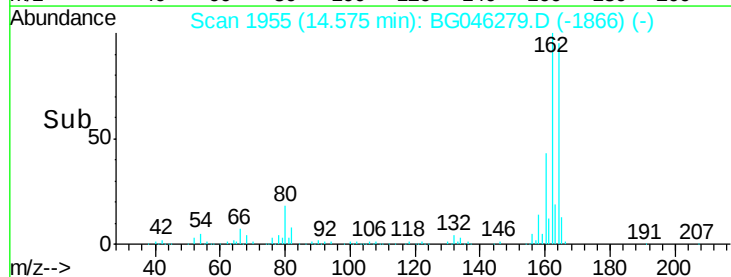
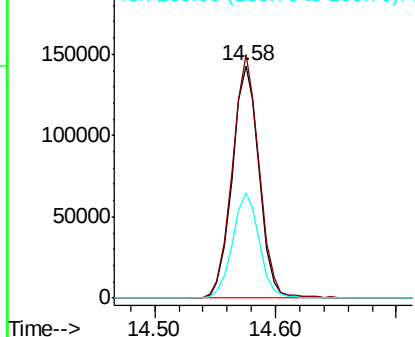


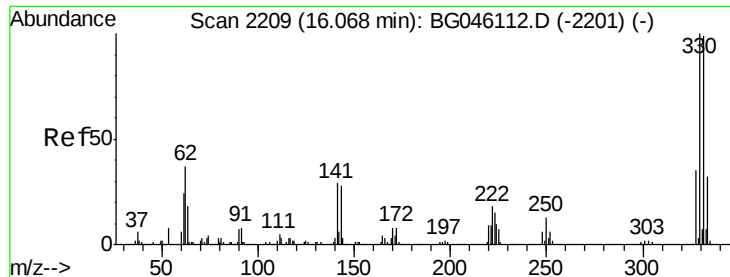
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG046279.D
Acq: 14 Aug 2020 17:18

Tgt Ion	164	Resp	220398
Ion Ratio	100	Lower	Upper
162	104.7	80.6	121.0
160	45.3	34.9	52.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

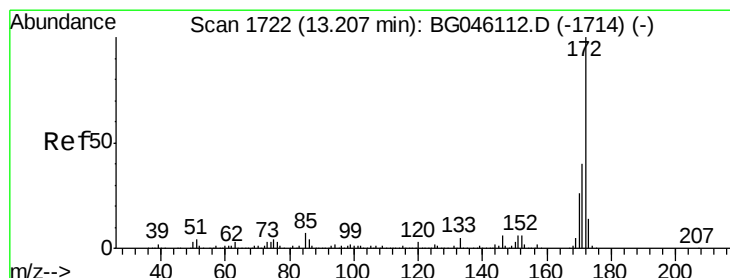
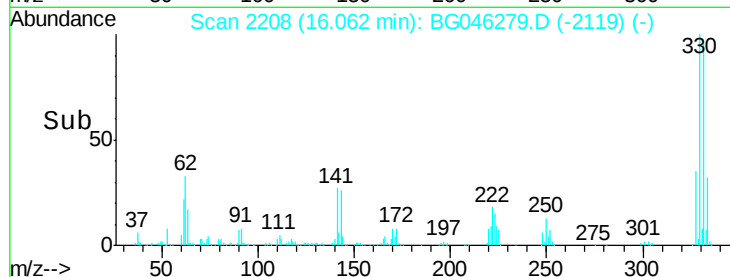
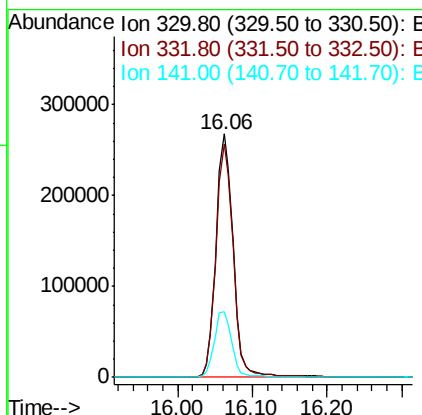
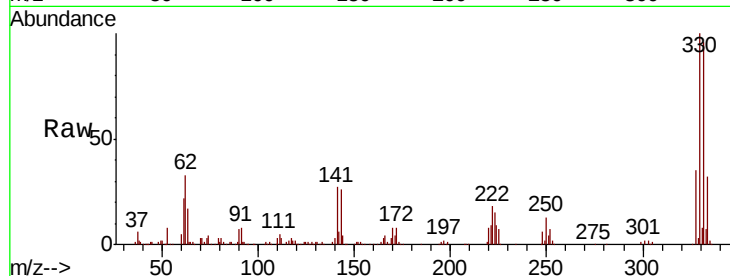




#42
 2,4,6-Tribromophenol
 Concen: 126.868 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG046279.D
 Acq: 14 Aug 2020 17:18

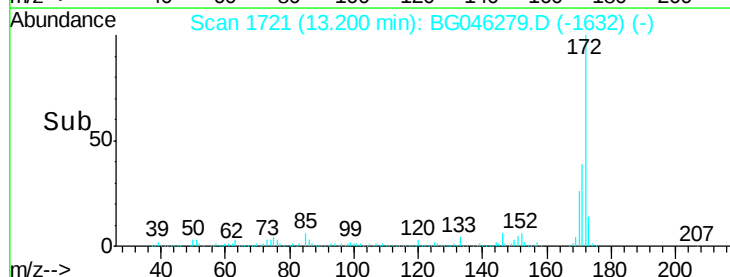
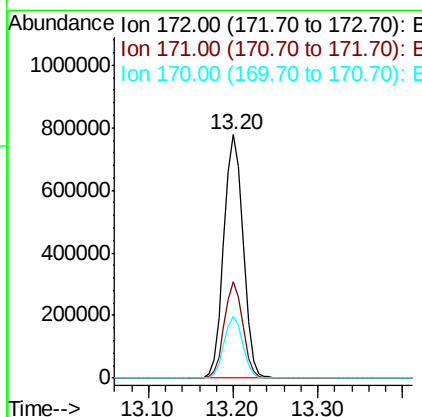
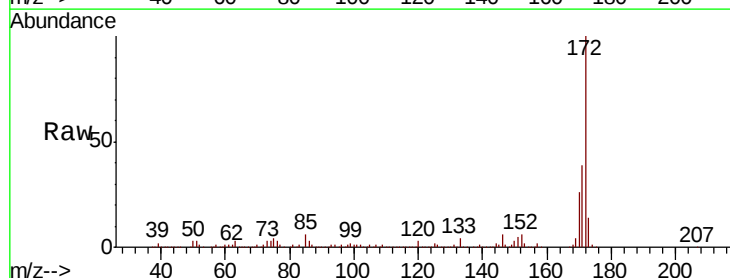
Instrument :
 BNA_G
 ClientSampleId :
 SP1-2

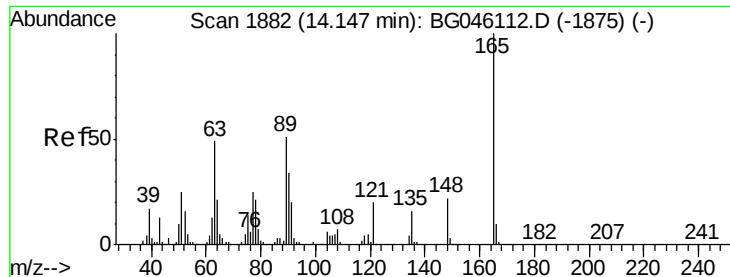
Tot Ion:330 Resp: 429484
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 27.6 23.4 35.0



#45
 2-Fluorobiphenyl
 Concen: 81.423 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG046279.D
 Acq: 14 Aug 2020 17:18

Tgt Ion:172 Resp: 1235378
 Ion Ratio Lower Upper
 172 100
 171 39.4 31.7 47.5
 170 25.5 20.9 31.3





#51

2,6-Dinitrotoluene

Concen: 7.547 ng

RT: 14.58 min Scan# 1955

Delta R.T. 0.43 min

Lab File: BG046279.D

Acq: 14 Aug 2020 17:18

Instrument :

BNA_G

ClientSampleId :

SP1-2

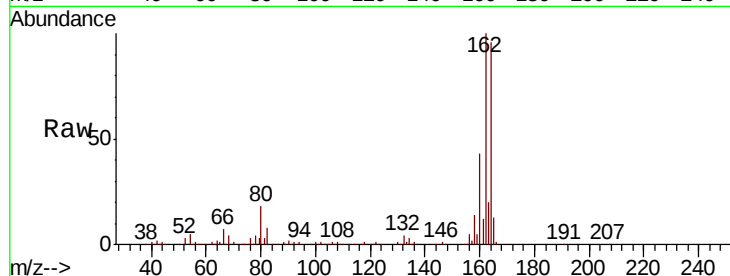
Tot Ion:165 Resp: 29713

Ion Ratio Lower Upper

165 100

63 0.8 39.7 59.5#

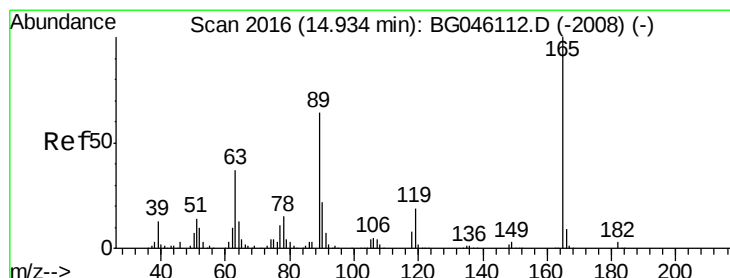
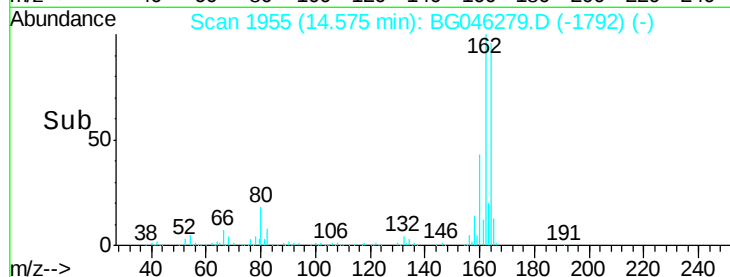
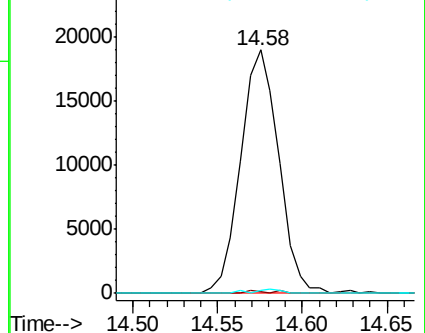
89 1.0 41.0 61.6#



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



#57

2,4-Dinitrotoluene

Concen: 5.489 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.36 min

Lab File: BG046279.D

Acq: 14 Aug 2020 17:18

Tgt Ion:165 Resp: 29713

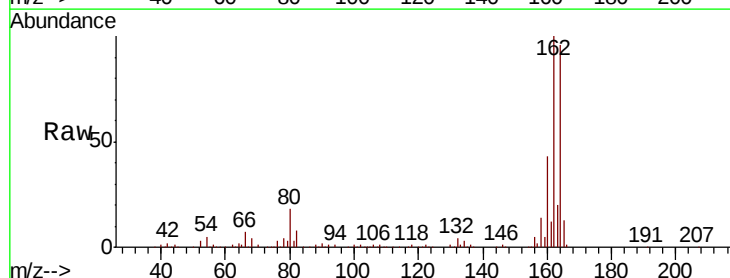
Ion Ratio Lower Upper

165 100

63 0.8 30.1 45.1#

89 1.0 51.4 77.2#

182 0.0 2.3 3.5#

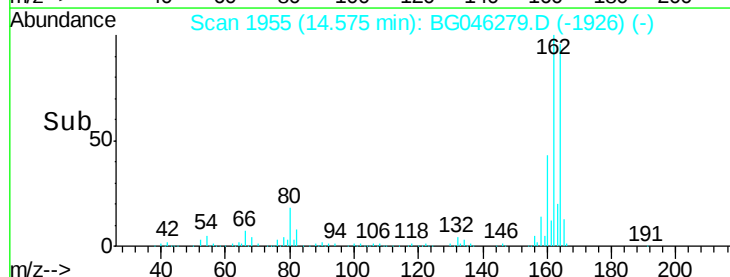
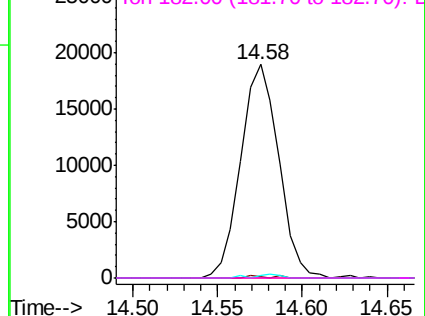


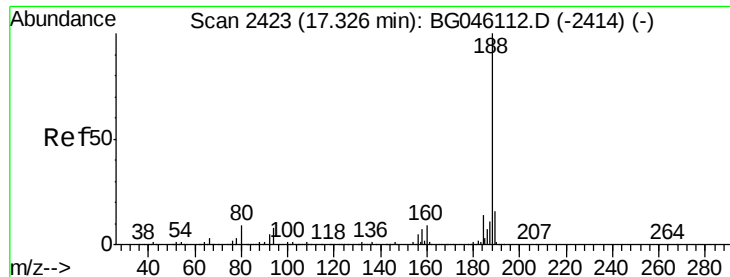
Abundance Ion 165.00 (164.70 to 165.70): E

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

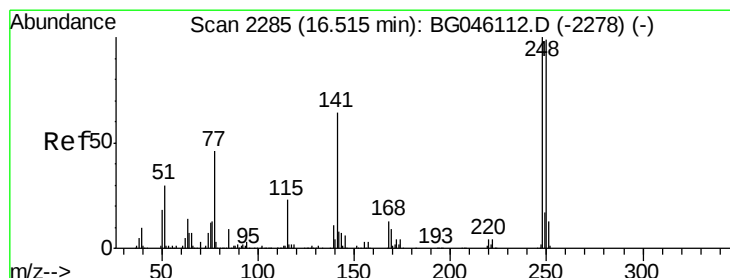
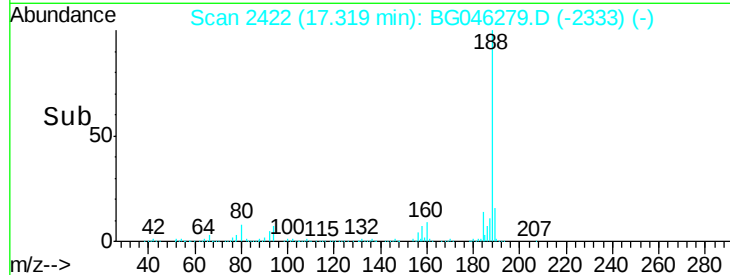
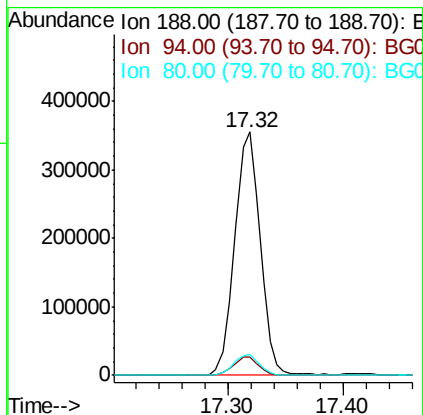
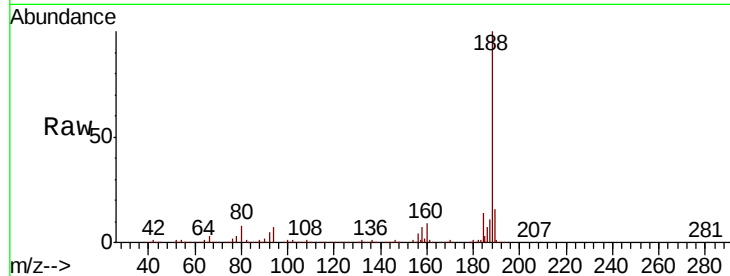




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG046279.D
 Acq: 14 Aug 2020 17:18

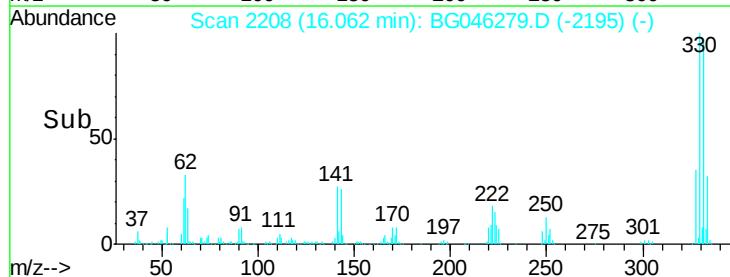
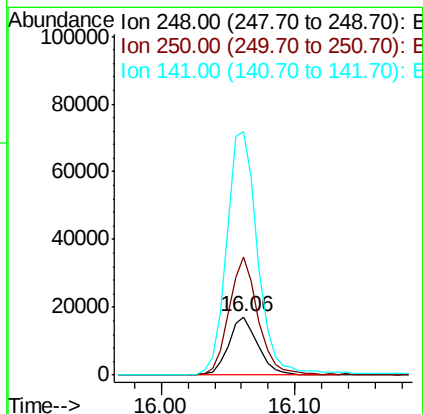
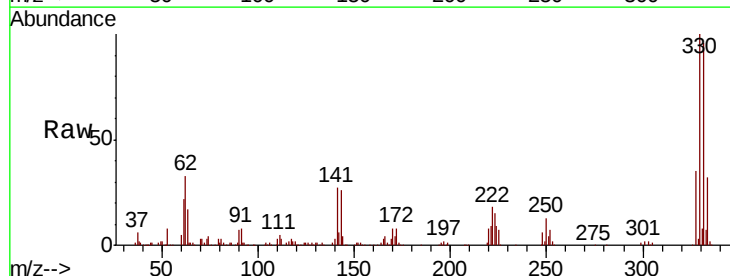
Instrument :
 BNA_G
 ClientSampled :
 SP1-2

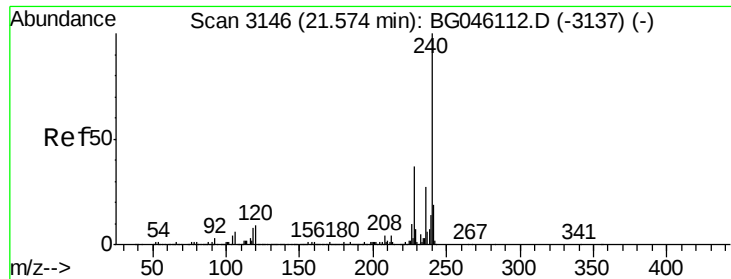
Tot Ion:188 Resp: 545935
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.4 9.6
 80 8.5 7.4 11.0



#67
 4-Bromophenyl-phenylether
 Concen: 3.907 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.45 min
 Lab File: BG046279.D
 Acq: 14 Aug 2020 17:18

Tgt Ion:248 Resp: 26353
 Ion Ratio Lower Upper
 248 100
 250 202.4 79.4 119.0#
 141 418.5 50.9 76.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG046279.D

Acq: 14 Aug 2020 17:18

Instrument :

BNA_G

ClientSampleId :

SP1-2

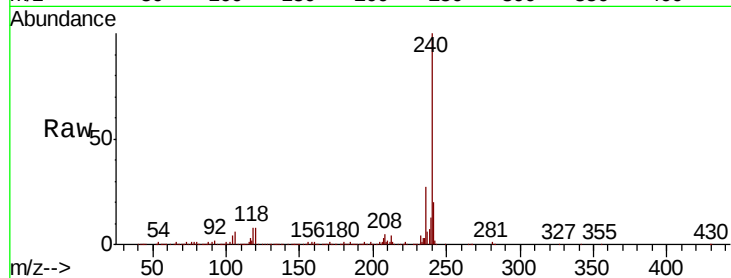
Tot Ion:240 Resp: 644053

Ion Ratio Lower Upper

240 100

120 8.2 7.1 10.7

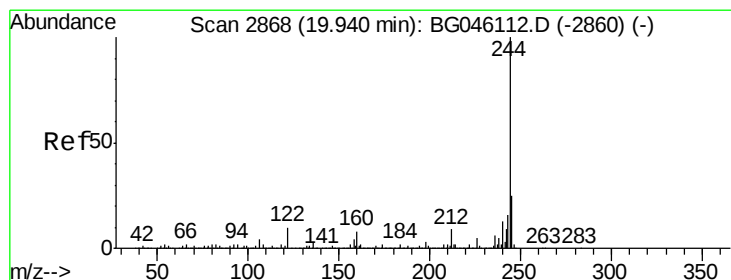
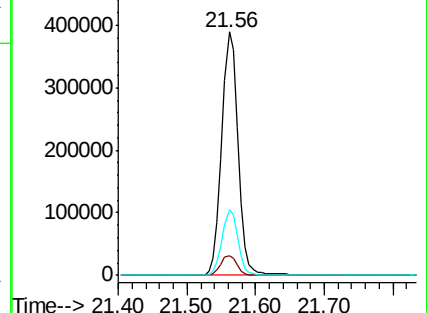
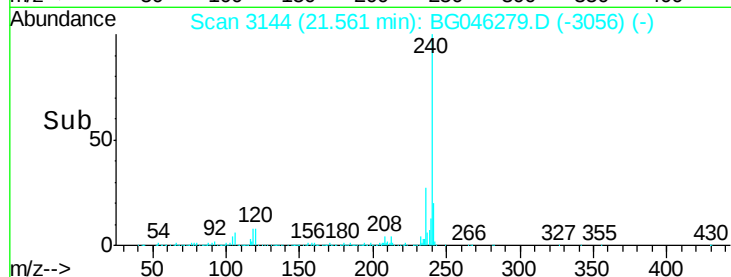
236 26.8 21.7 32.5



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: 67.946 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046279.D

Acq: 14 Aug 2020 17:18

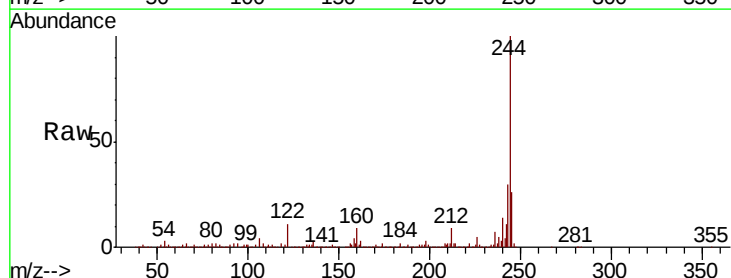
Tgt Ion:244 Resp: 2148676

Ion Ratio Lower Upper

244 100

212 9.5 7.2 10.8

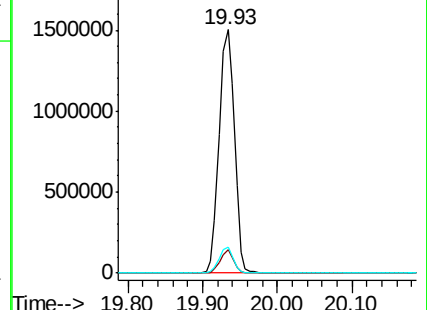
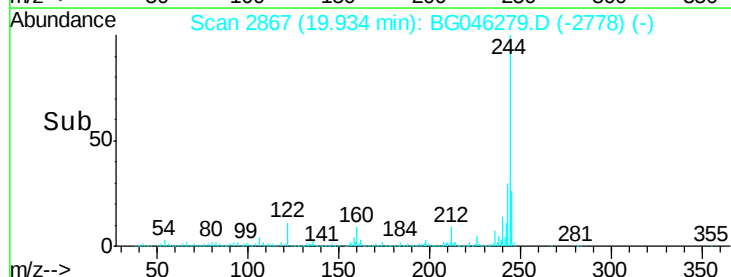
122 10.6 8.3 12.5

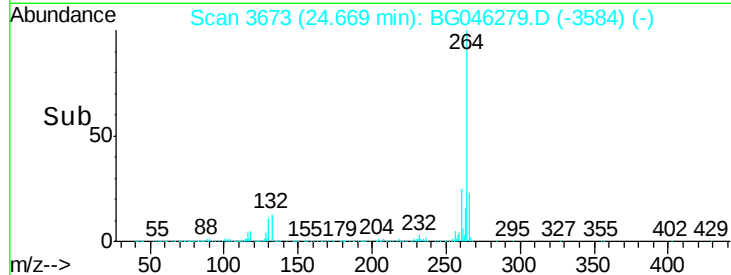
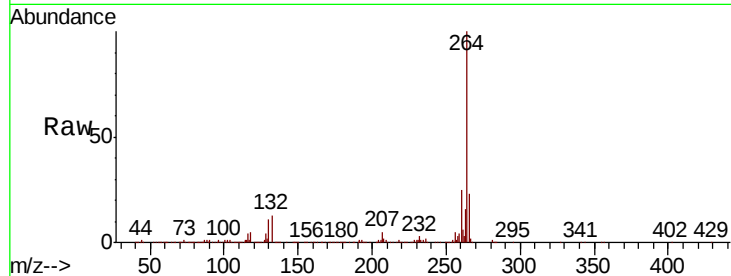
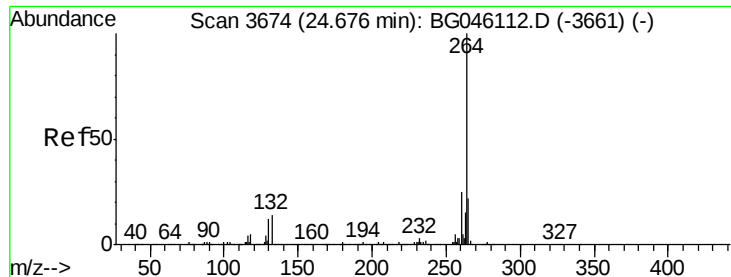


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.01 min
Lab File: BG046279.D
Acq: 14 Aug 2020 17:18

Instrument :
BNA_G
ClientSampleId :
SP1-2

Tot Ion:	264	Resp:	646799
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	22.6	17.6	26.4

