

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
 Data File : BG046282.D
 Acq On : 14 Aug 2020 19:21
 Operator : CG/JU
 Sample : L3508-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-081220

Quant Time: Aug 17 00:45:51 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

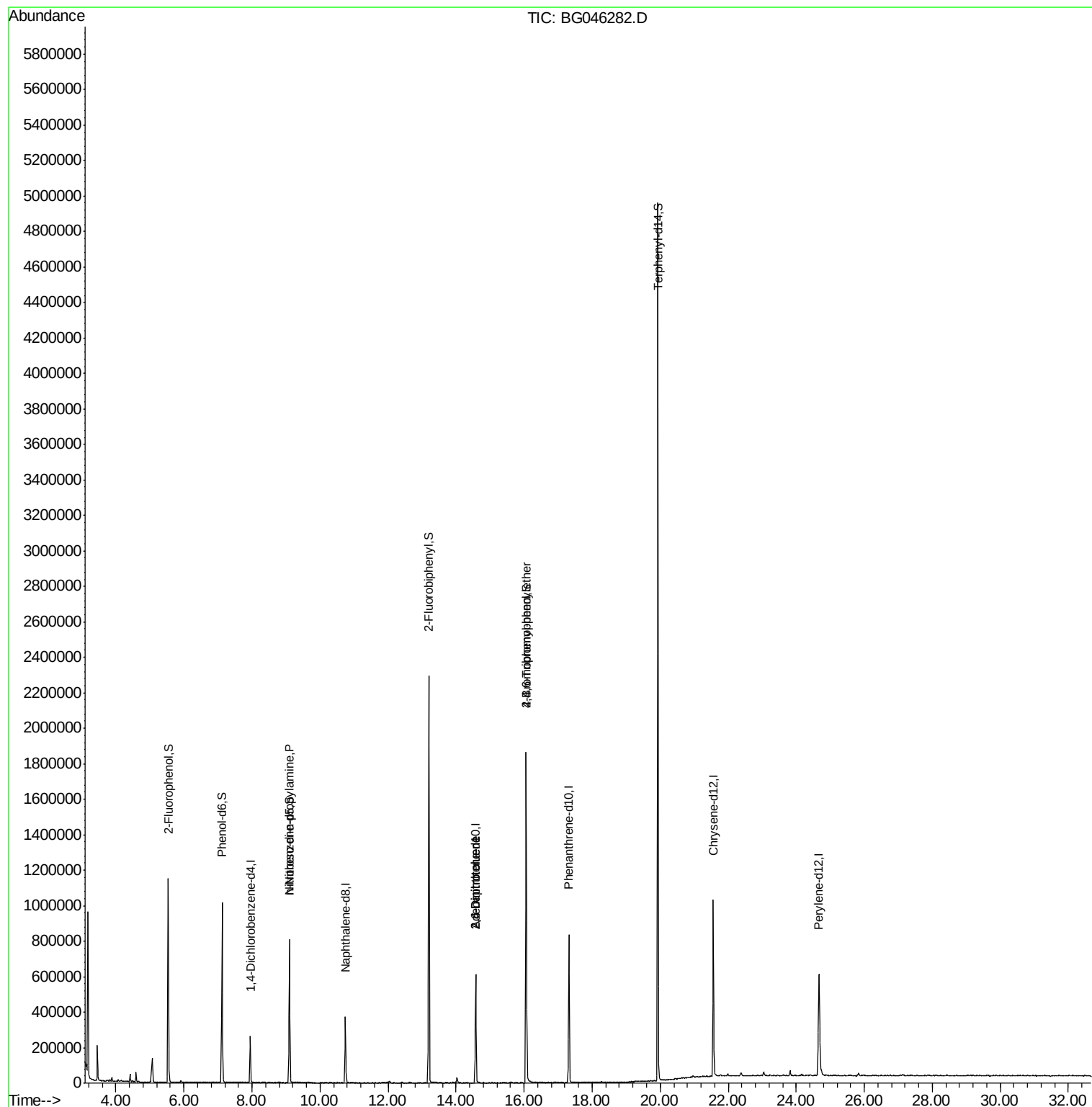
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	81365	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	328620	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	221579	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	551111	20.00	ng	0.00
76) Chrysene-d12	21.57	240	640218	20.00	ng	0.00
86) Perylene-d12	24.67	264	631741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	530632	113.37	ng	0.00
7) Phenol-d6	7.12	99	625635	98.08	ng	0.00
23) Nitrobenzene-d5	9.10	82	506638	83.47	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	438245	128.77	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1225884	80.37	ng	0.00
79) Terphenyl-d14	19.93	244	2193941	69.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	64922	15.638	ng	# 75
51) 2,6-Dinitrotoluene	14.57	165	28024	7.080	ng	# 29
57) 2,4-Dinitrotoluene	14.57	165	28024	5.150	ng	# 29
67) 4-Bromophenyl-phenylether	16.06	248	27795	4.082	ng	# 1

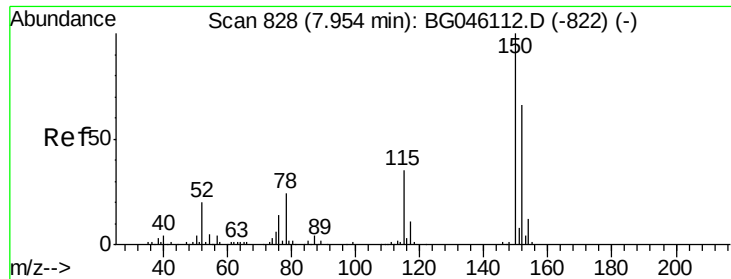
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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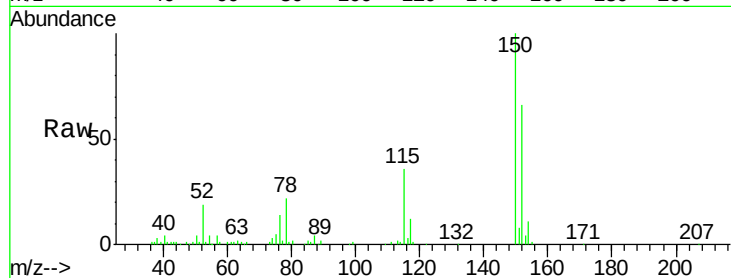


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG046282.D
Acq: 14 Aug 2020 19:21

Instrument :
BNA_G
ClientSampleId :
TR-04-081220

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	122.1	183.1
115	55.0	43.2	64.8

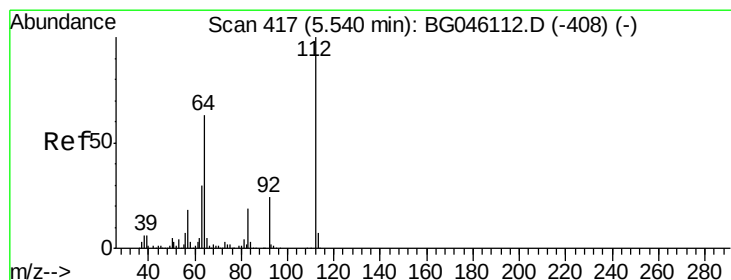
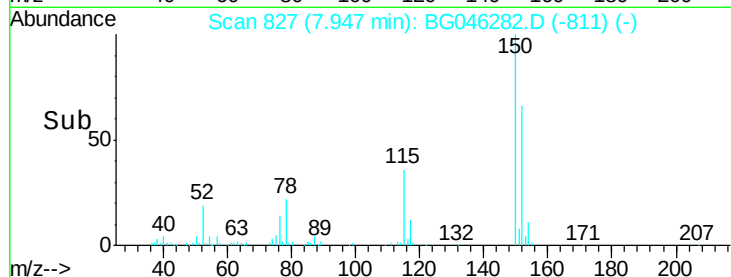
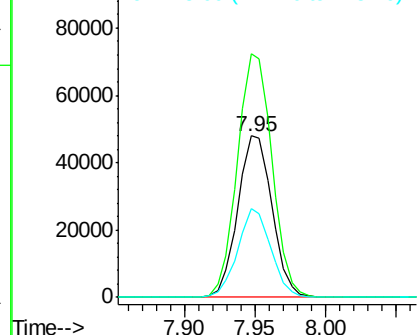


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

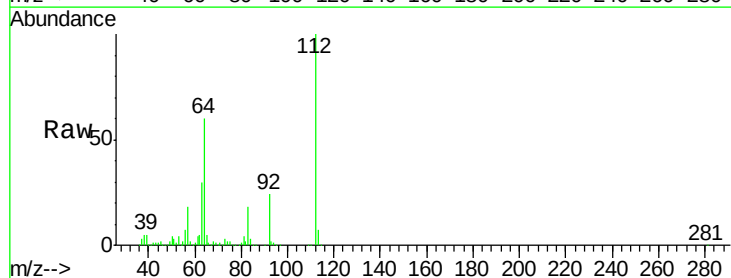
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 113.370 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046282.D
Acq: 14 Aug 2020 19:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	50.2	75.2
63	29.9	24.2	36.4

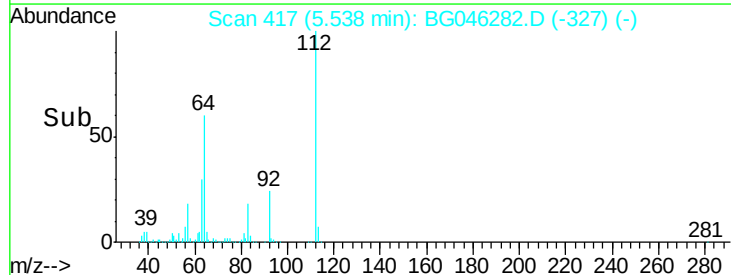
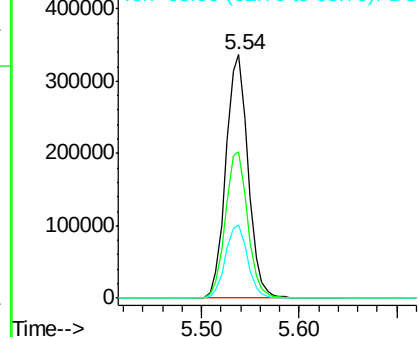


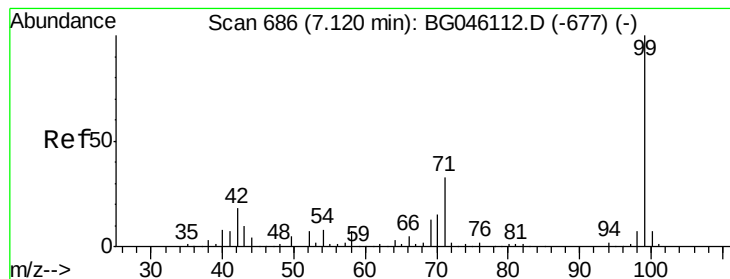
Abundance

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: 98.078 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046282.D

Acq: 14 Aug 2020 19:21

Instrument :

BNA_G

ClientSampleId :

TR-04-081220

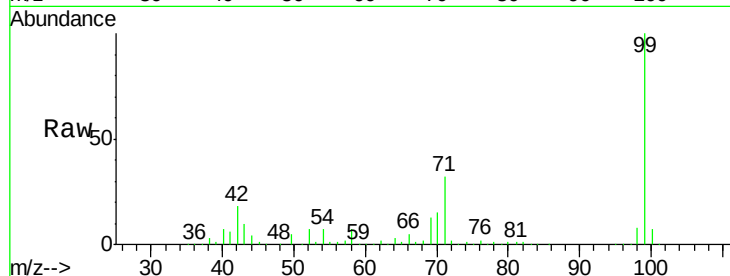
Tot Ion: 99 Resp: 625635

Ion Ratio Lower Upper

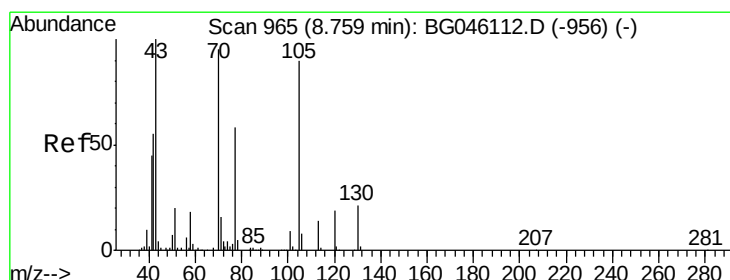
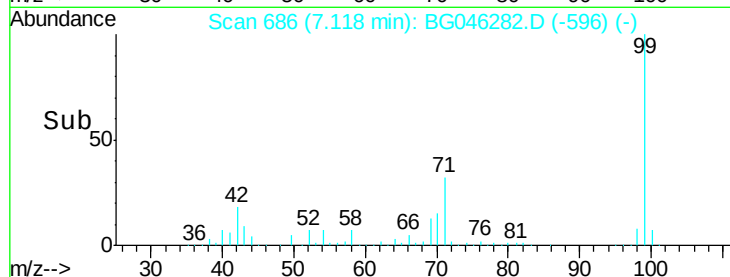
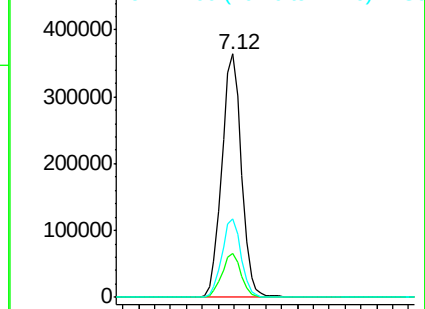
99 100

42 18.0 14.7 22.1

71 32.1 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: 15.638 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG046282.D

Acq: 14 Aug 2020 19:21

Tgt Ion: 70 Resp: 64922

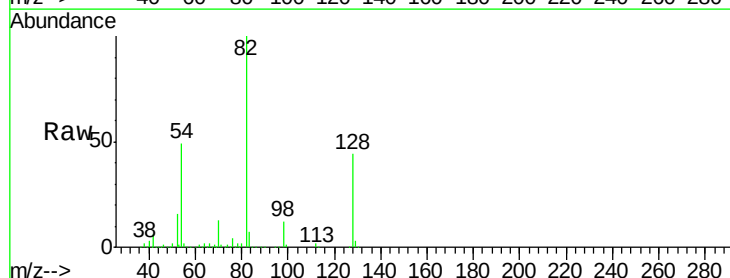
Ion Ratio Lower Upper

70 100

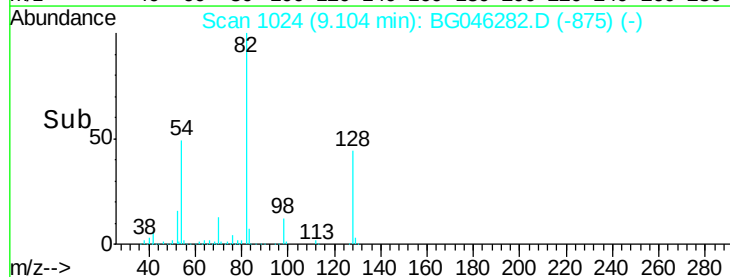
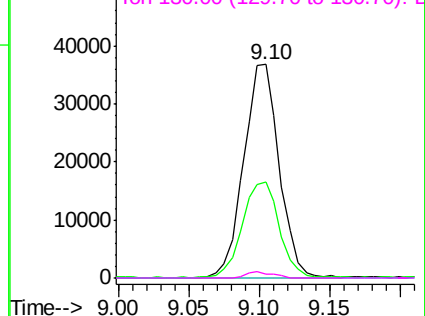
42 44.8 46.5 69.7#

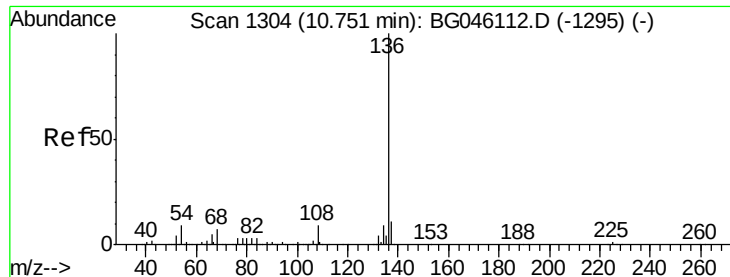
101 0.0 7.6 11.4#

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

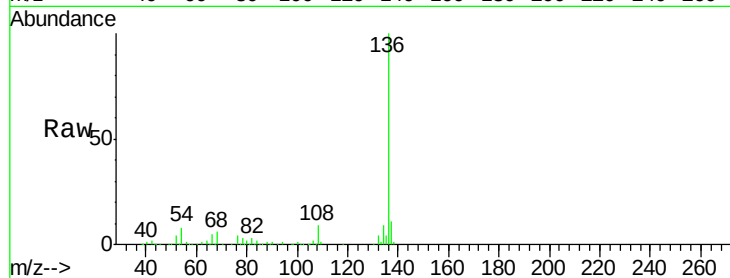




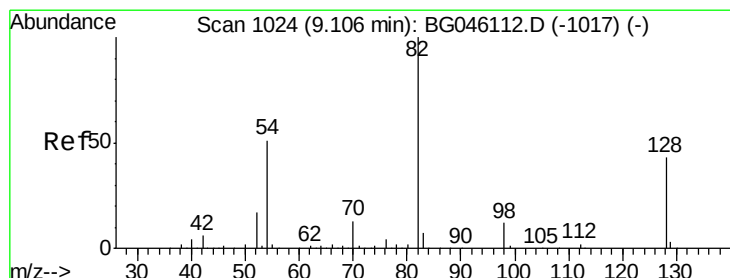
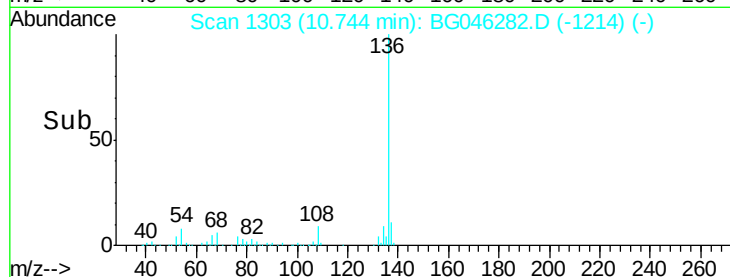
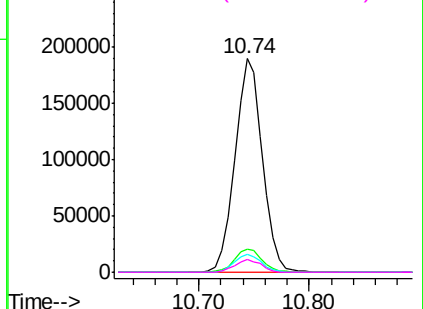
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG046282.D
Acq: 14 Aug 2020 19:21

Instrument :
BNA_G
ClientSampleId :
TR-04-081220

Tot Ion:136	Resp:	328620
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.8	13.2
54 8.2	7.0	10.4
68 5.8	5.3	7.9

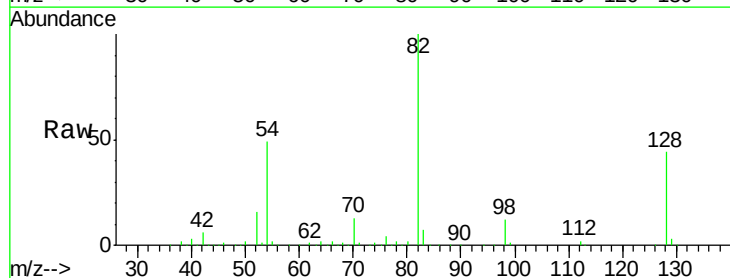


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

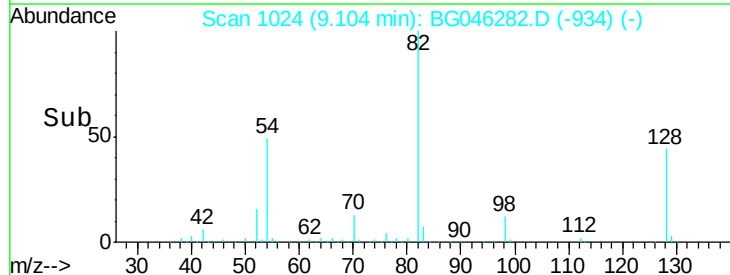
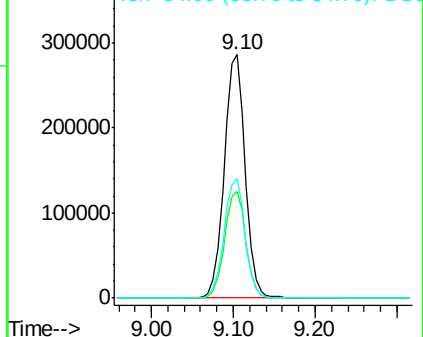


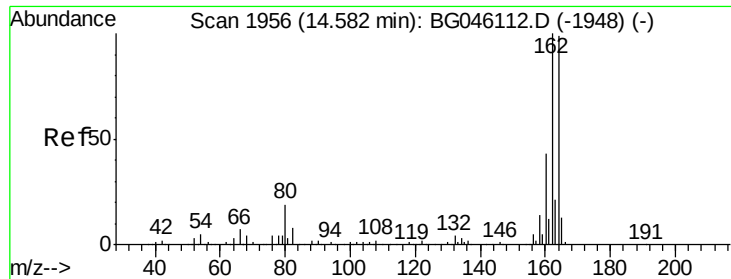
#23
Nitrobenzene-d5
Concen: 83.473 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046282.D
Acq: 14 Aug 2020 19:21

Tgt Ion: 82	Resp: 506638
Ion Ratio	Lower Upper
82 100	
128 43.9	34.4 51.6
54 49.2	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: 14.57 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG046282.D

Acq: 14 Aug 2020 19:21

Instrument :

BNA_G

ClientSampleId :

TR-04-081220

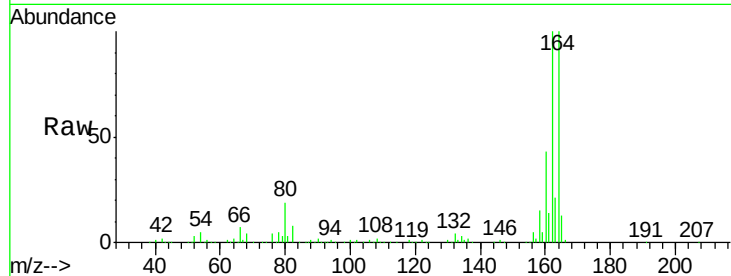
Tot Ion:164 Resp: 221579

Ion Ratio Lower Upper

164 100

162 100.4 80.6 121.0

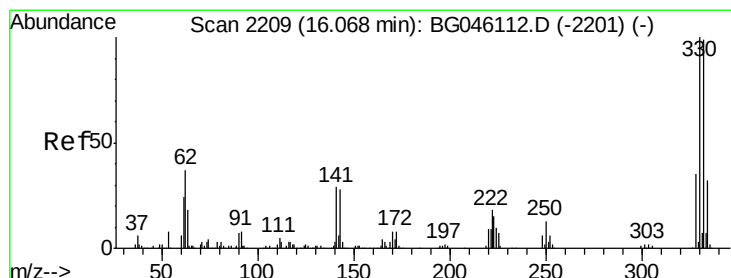
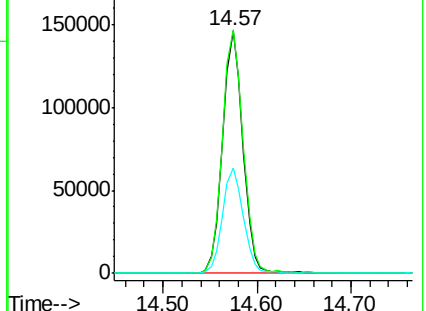
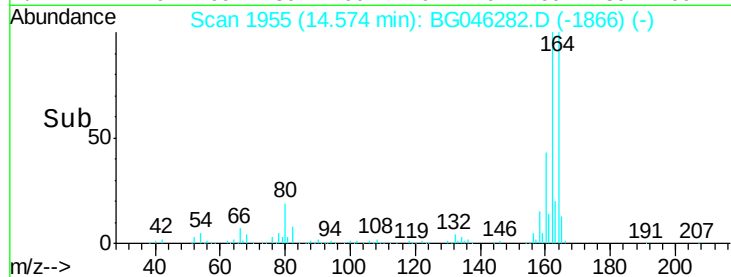
160 43.5 34.9 52.3



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: 128.766 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046282.D

Acq: 14 Aug 2020 19:21

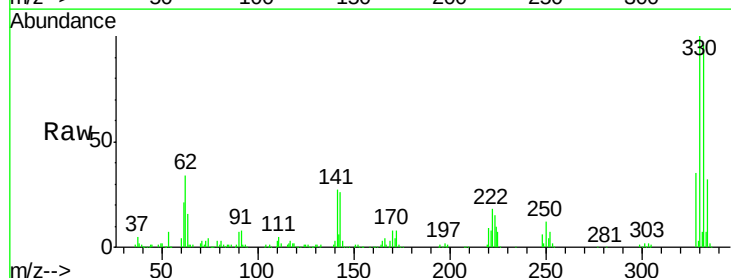
Tgt Ion:330 Resp: 438245

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.2

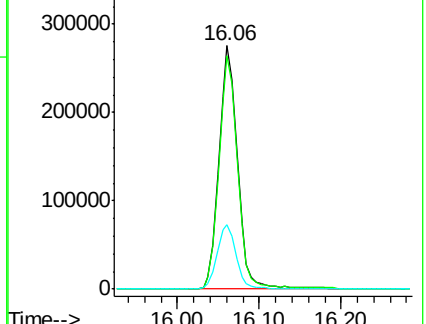
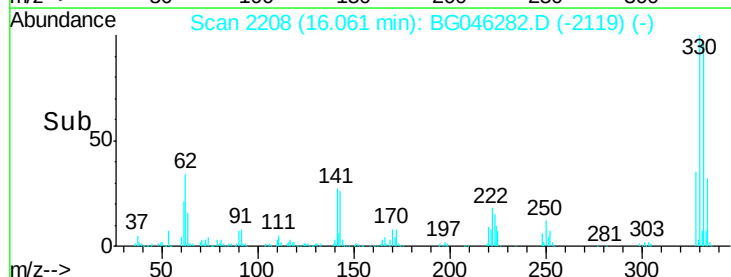
141 27.3 23.4 35.0

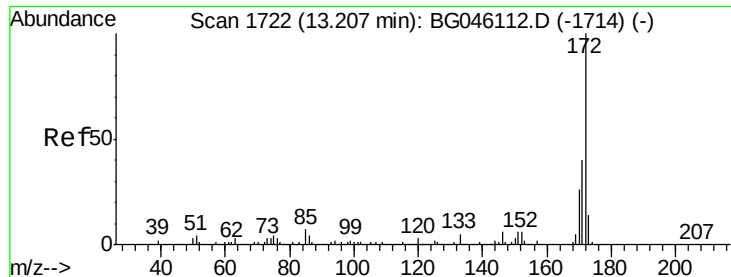


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

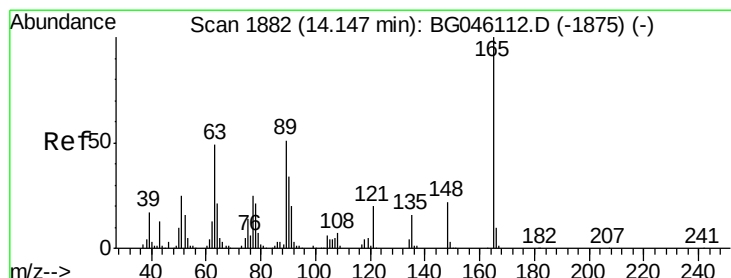
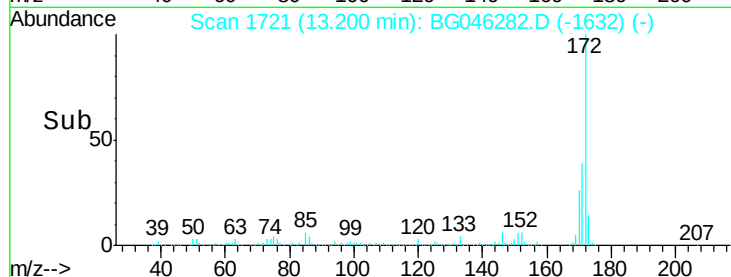
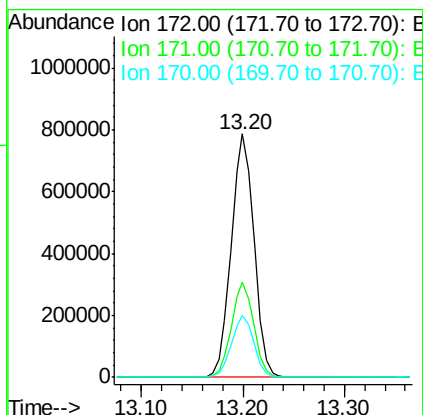
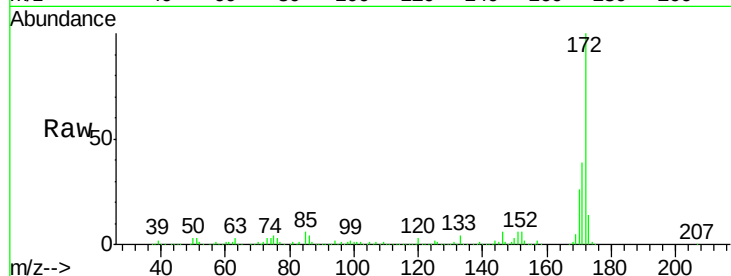




#45
2-Fluorobiphenyl
Concen: 80.367 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG046282.D
Acq: 14 Aug 2020 19:21

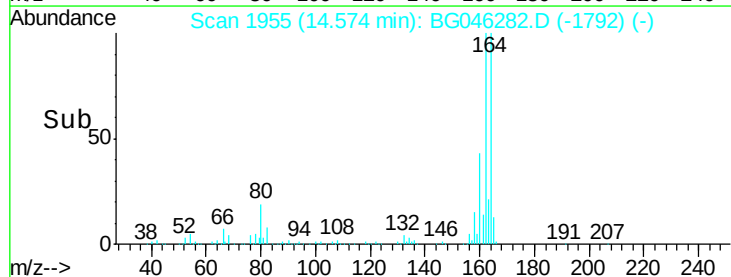
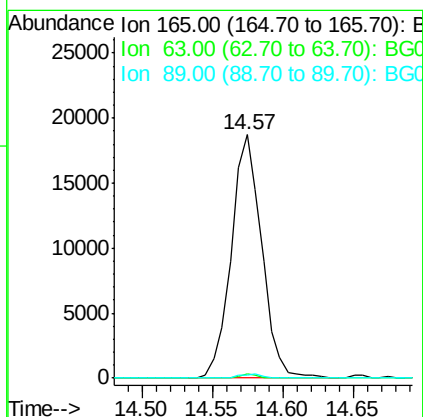
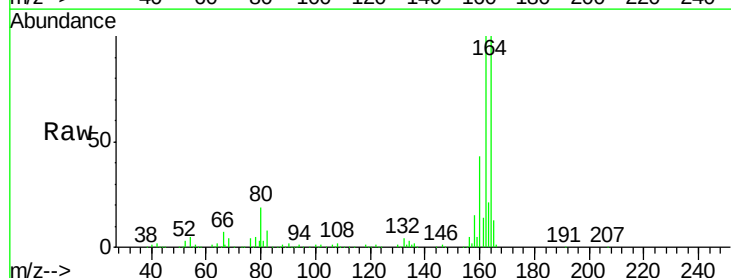
Instrument :
BNA_G
ClientSampleId :
TR-04-081220

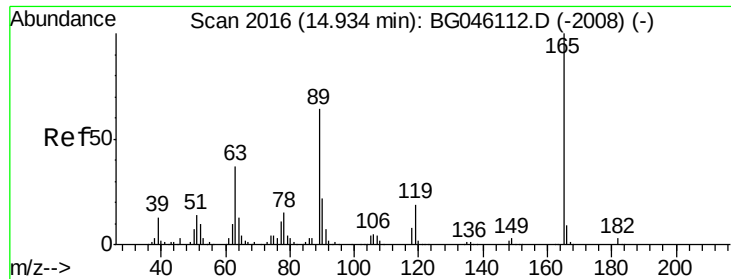
Tot Ion:172 Resp: 1225884
Ion Ratio Lower Upper
172 100
171 39.0 31.7 47.5
170 25.5 20.9 31.3



#51
2,6-Dinitrotoluene
Concen: 7.080 ng
RT: 14.57 min Scan# 1955
Delta R.T. 0.43 min
Lab File: BG046282.D
Acq: 14 Aug 2020 19:21

Tgt Ion:165 Resp: 28024
Ion Ratio Lower Upper
165 100
63 1.7 39.7 59.5#
89 1.4 41.0 61.6#

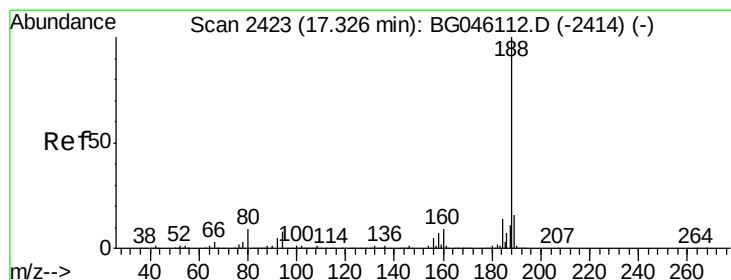
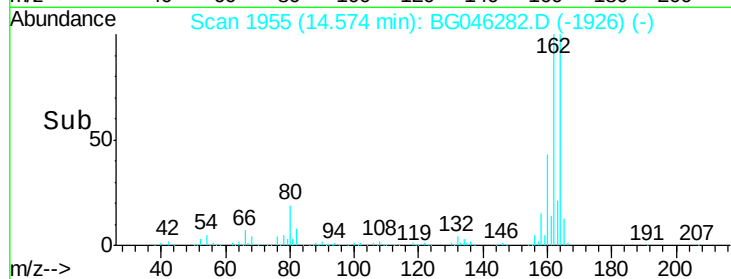
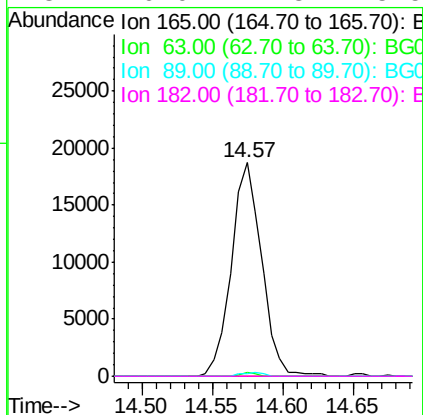
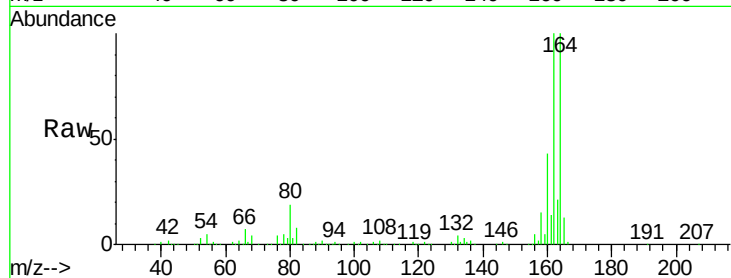




#57
 2,4-Dinitrotoluene
 Concen: 5.150 ng
 RT: 14.57 min Scan# 1955
 Delta R.T. -0.36 min
 Lab File: BG046282.D
 Acq: 14 Aug 2020 19:21

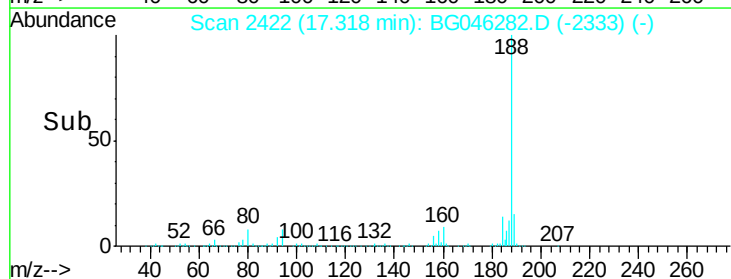
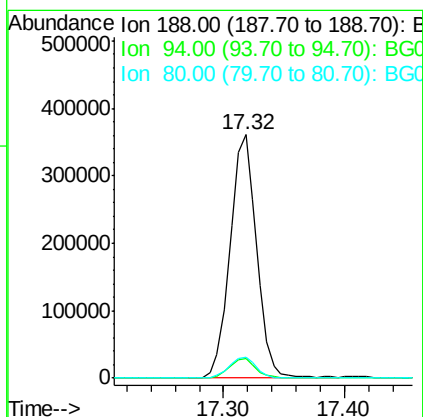
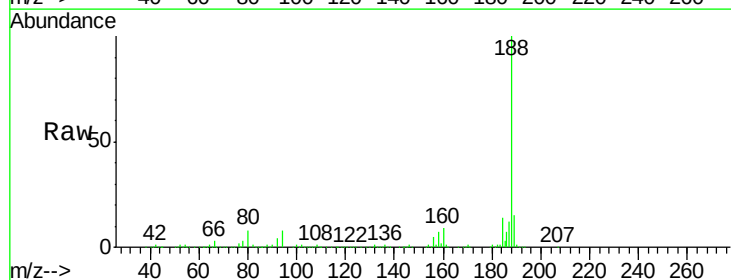
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-081220

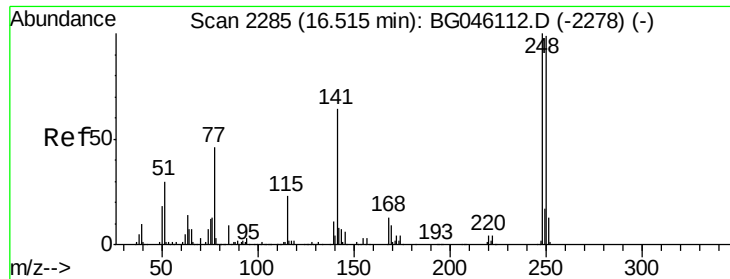
Tot Ion:165	Resp: 28024
Ion Ratio	Lower Upper
165 100	
63 1.7	30.1 45.1#
89 1.4	51.4 77.2#
182 0.0	2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG046282.D
 Acq: 14 Aug 2020 19:21

Tgt Ion	188	Resp:	551111
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.4	9.6
80	8.3	7.4	11.0

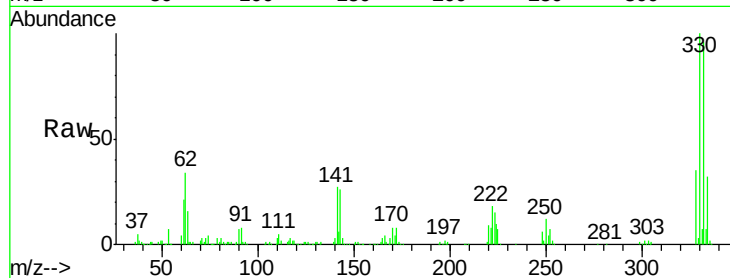




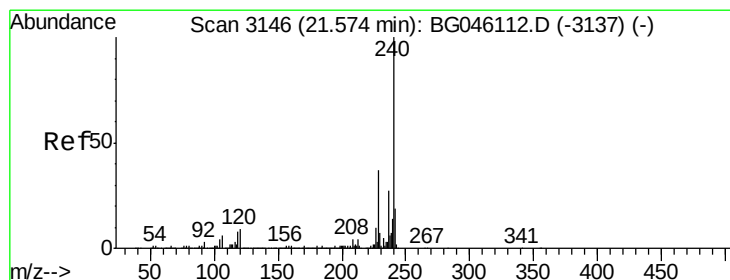
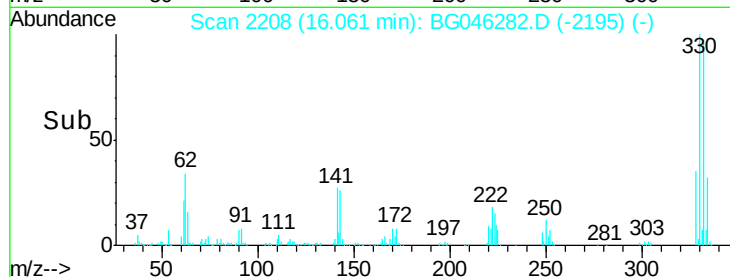
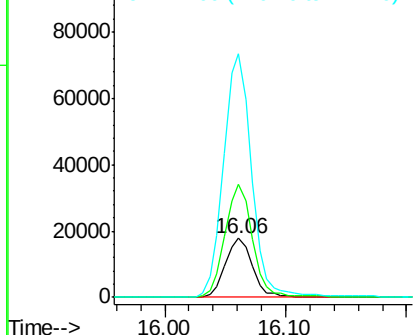
#67
4-Bromophenyl-phenylether
Concen: 4.082 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BG046282.D
Acq: 14 Aug 2020 19:21

Instrument :
BNA_G
ClientSampleId :
TR-04-081220

Tot Ion:248 Resp: 27795
Ion Ratio Lower Upper
248 100
250 191.5 79.4 119.0#
141 414.3 50.9 76.3#

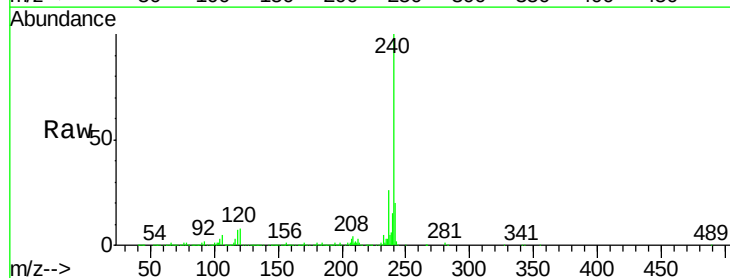


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

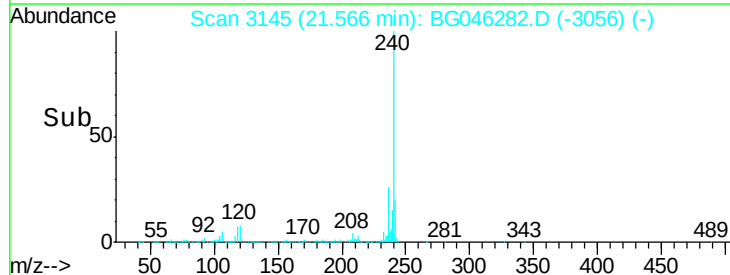
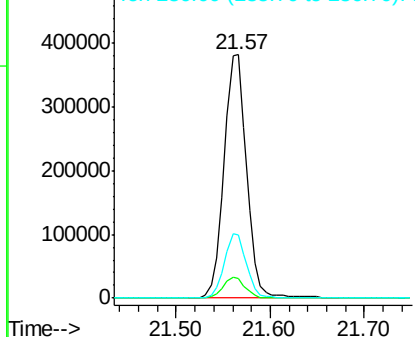


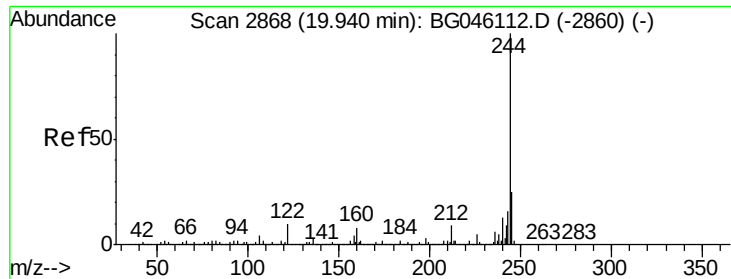
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG046282.D
Acq: 14 Aug 2020 19:21

Tgt Ion:240 Resp: 640218
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 26.1 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: 69.793 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046282.D

Acq: 14 Aug 2020 19:21

Instrument :

BNA_G

ClientSampleId :

TR-04-081220

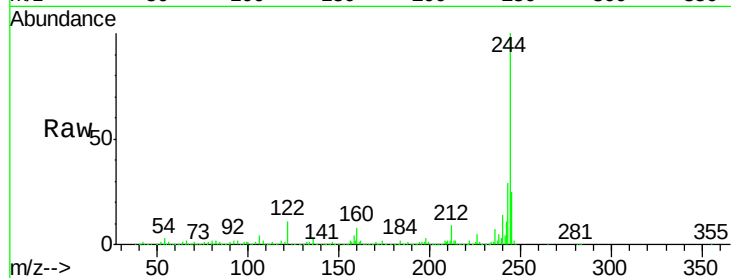
Tot Ion:244 Resp: 2193941

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

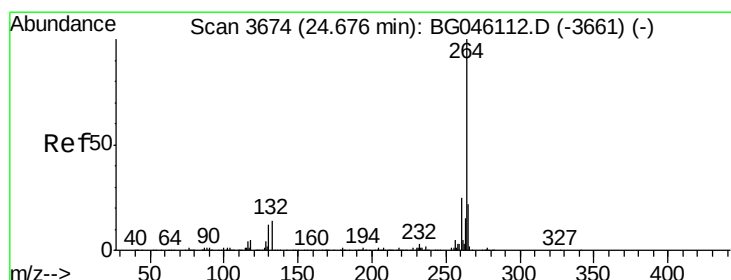
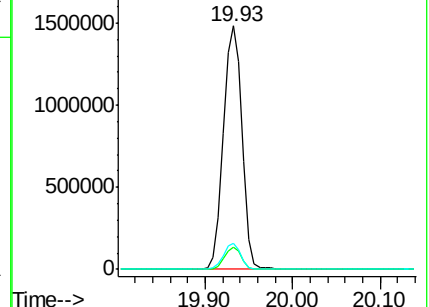
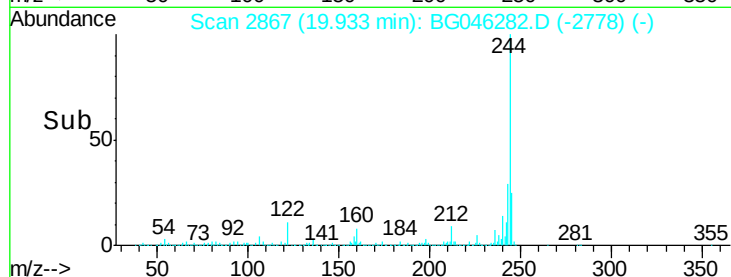
122 10.7 8.3 12.5



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: 24.67 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG046282.D

Acq: 14 Aug 2020 19:21

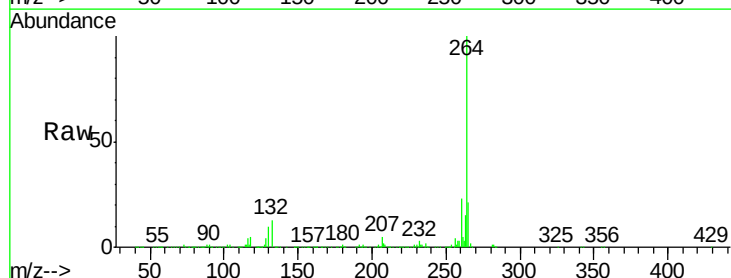
Tgt Ion:264 Resp: 631741

Ion Ratio Lower Upper

264 100

260 23.3 19.7 29.5

265 21.4 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

