

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 01:24:25 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

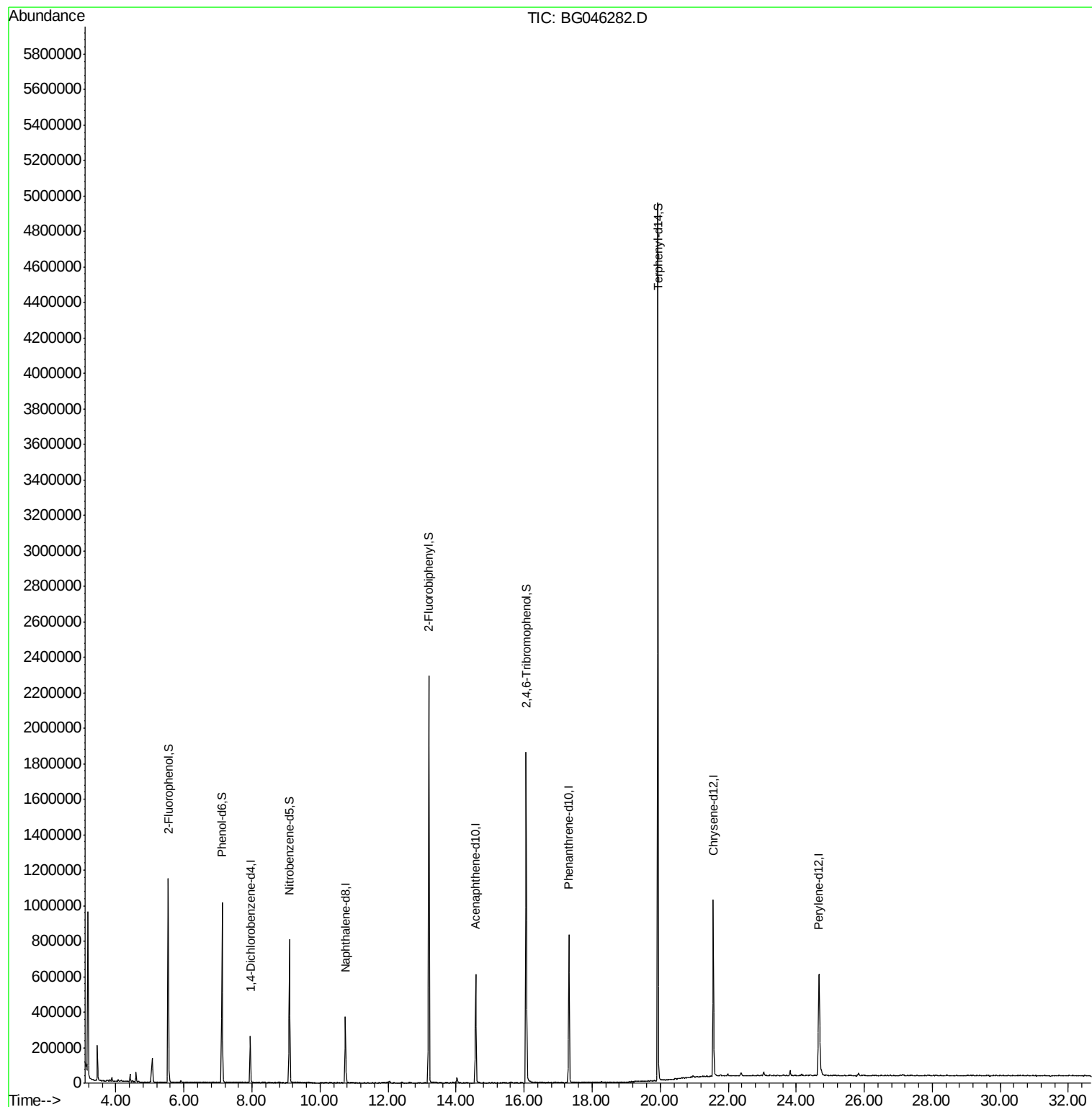
Target Compounds Qvalue

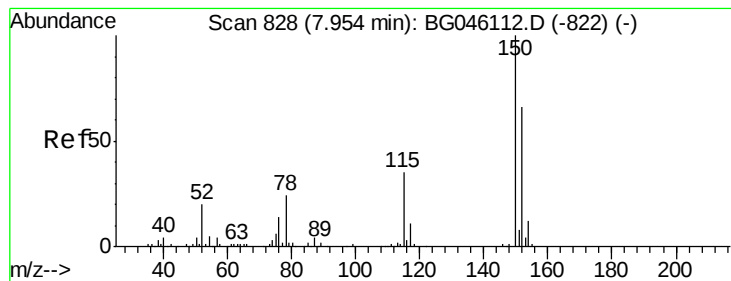
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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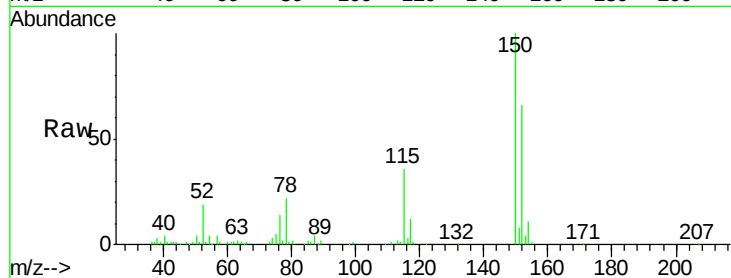


#1

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	152	Resp	81365
Ion Ratio	Lower	Upper	
152	100		
150	151.2	122.1	183.1
115	55.0	43.2	64.8

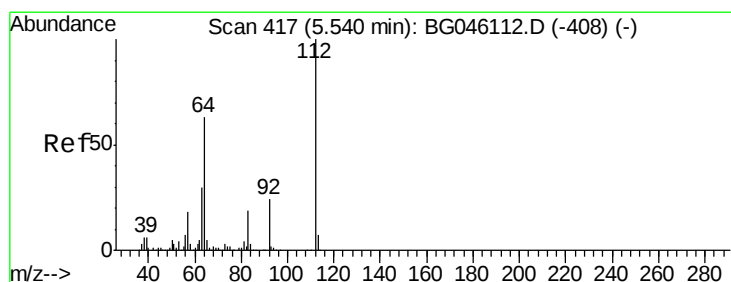
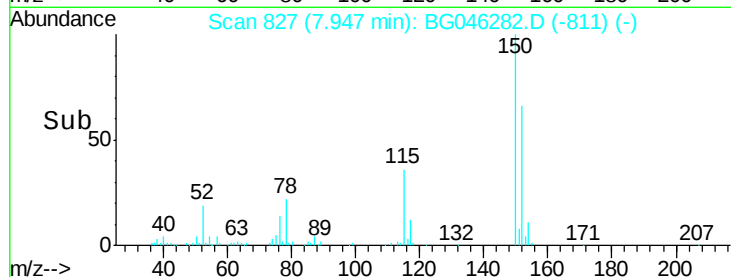
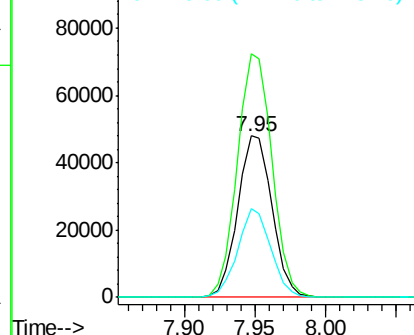


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

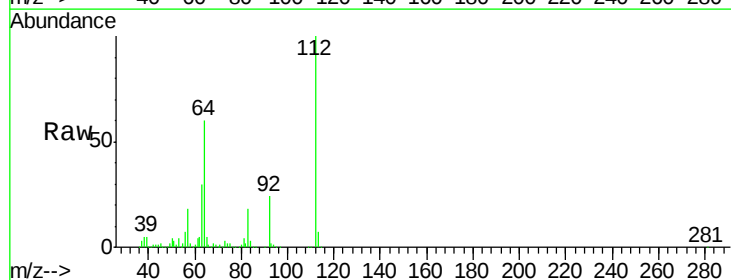
Ion 115.00 (114.70 to 115.70): E



#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	112	Resp	530632
Ion Ratio	Lower	Upper	
112	100		
64	60.1	50.2	75.2
63	29.9	24.2	36.4

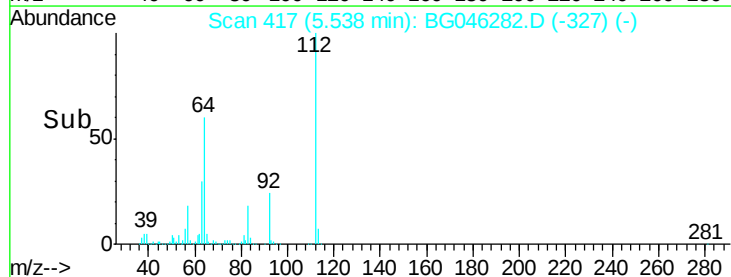
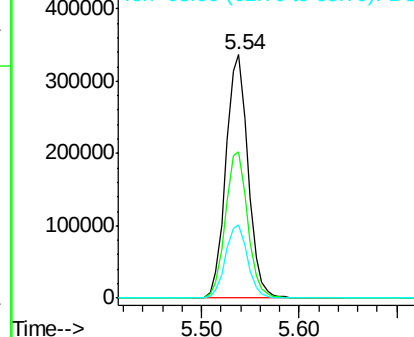


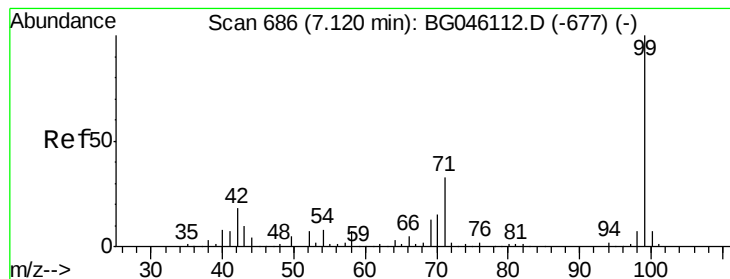
Abundance

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

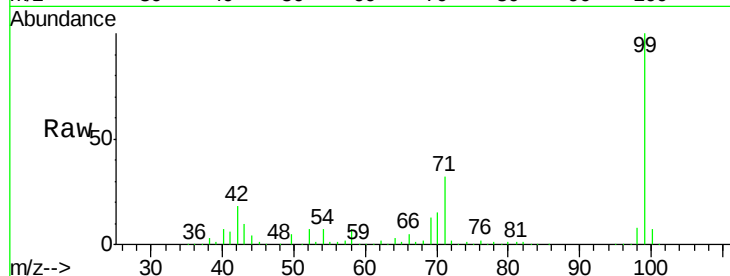
Tot Ion: 99 Resp: 625635

Ion Ratio Lower Upper

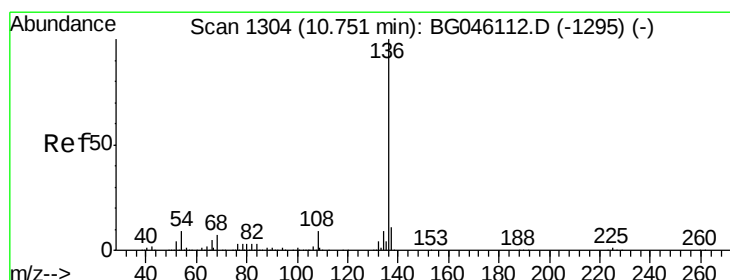
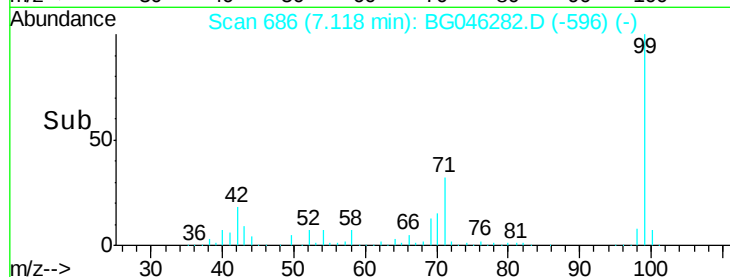
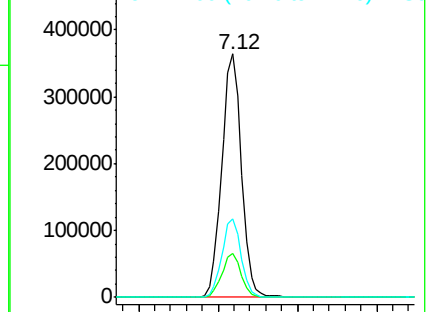
99 100

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



#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

Tgt Ion: 136 Resp: 328620

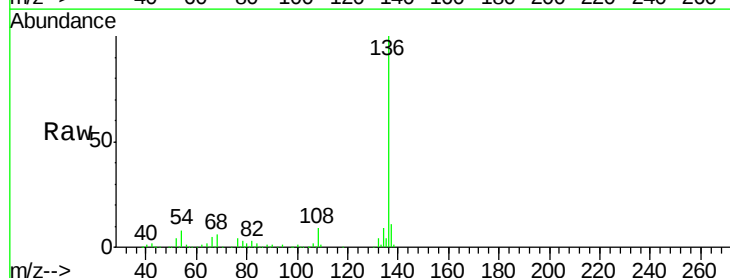
Ion Ratio Lower Upper

136 100

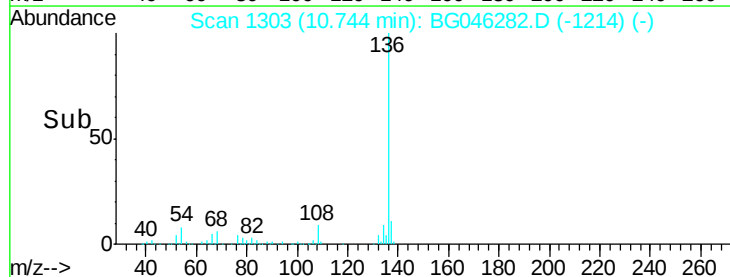
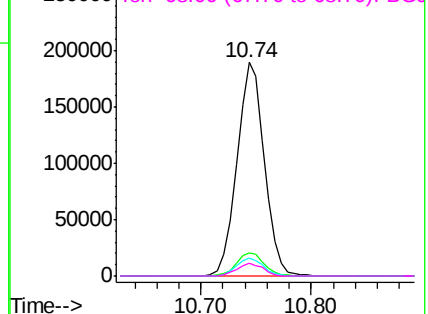
137 11.1 8.8 13.2

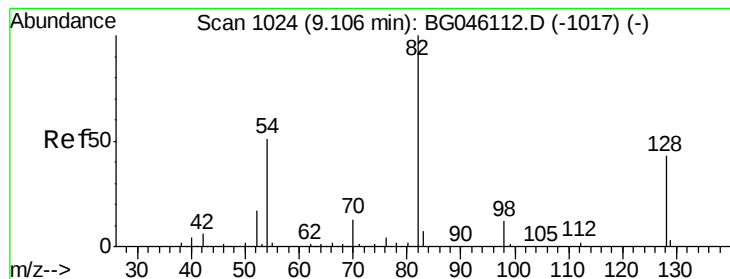
54 8.2 7.0 10.4

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

Instrument :

BNA_G

ClientSampleId :

TR-04-081220

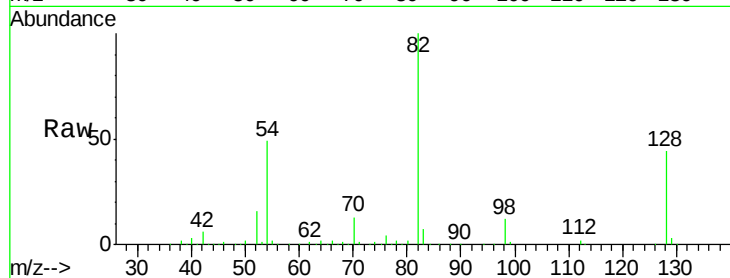
Tot Ion: 82 Resp: 506638

Ion Ratio Lower Upper

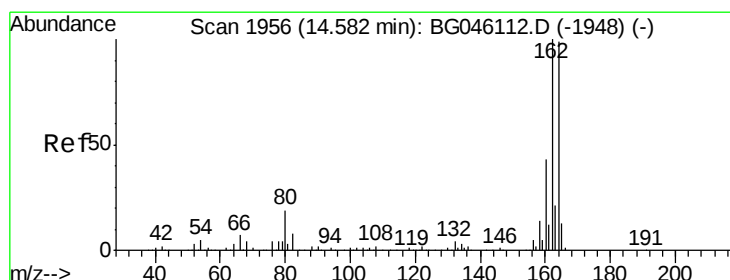
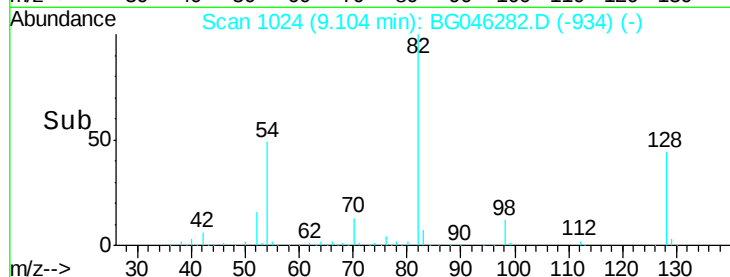
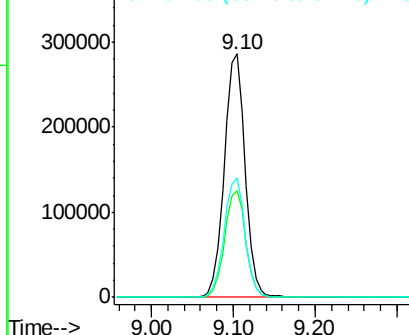
82 100

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

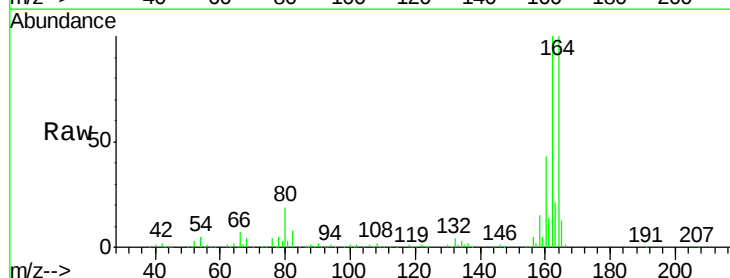
Tgt Ion:164 Resp: 221579

Ion Ratio Lower Upper

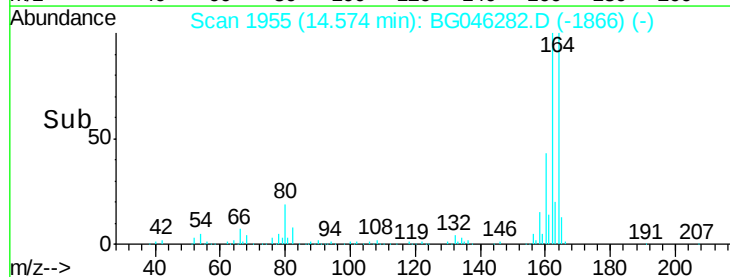
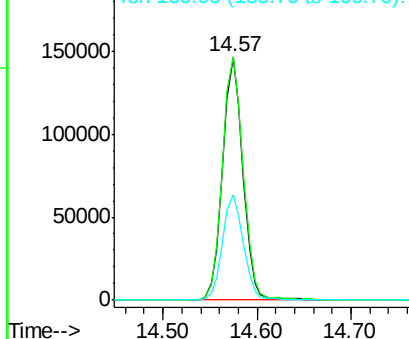
164 100

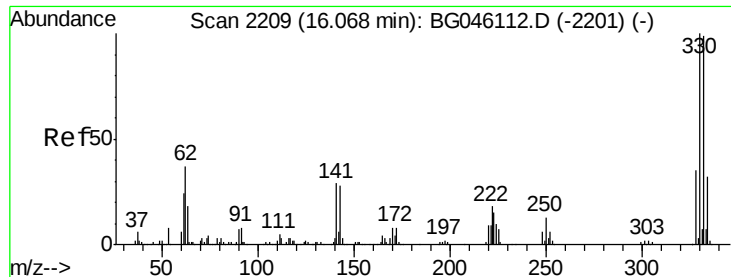
162 100.4 80.6 121.0

160 43.5 34.9 52.3



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

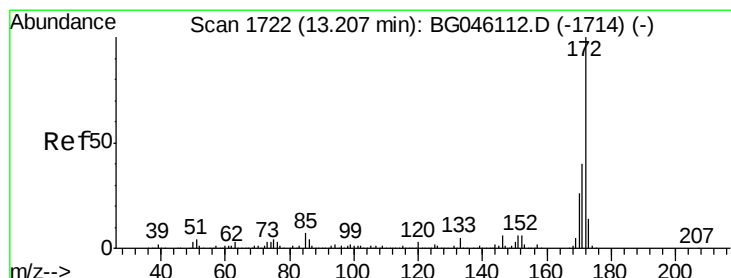
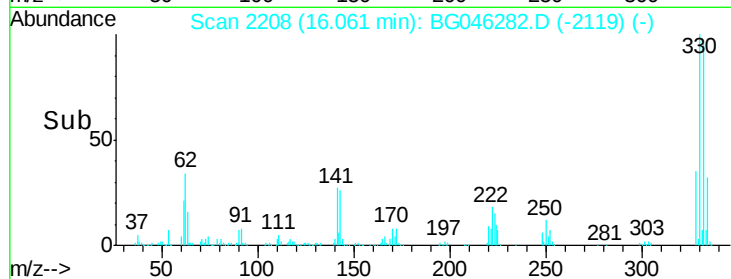
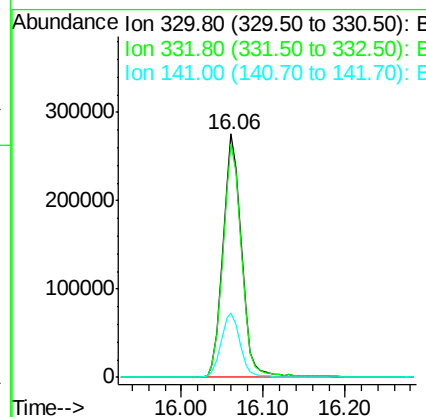
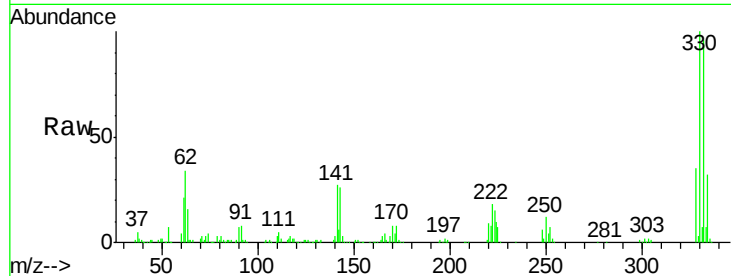




#42
 2,4,6-Tribromophenol
 Concen: 128.766 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG046282.D
 Acq: 14 Aug 2020 19:21

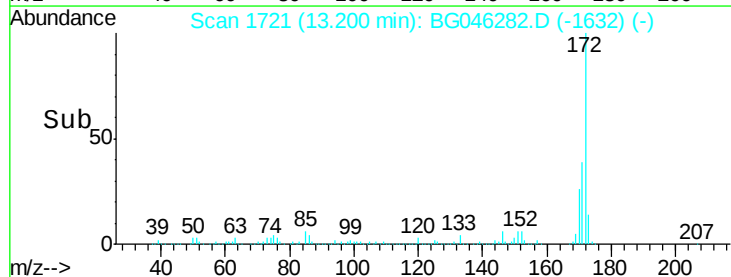
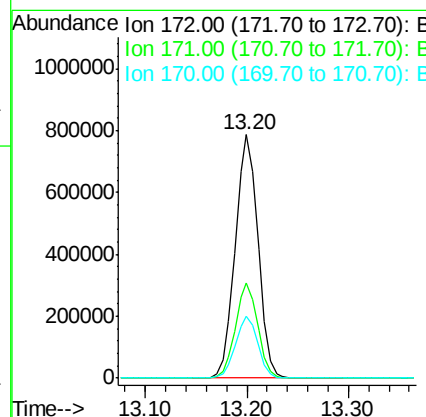
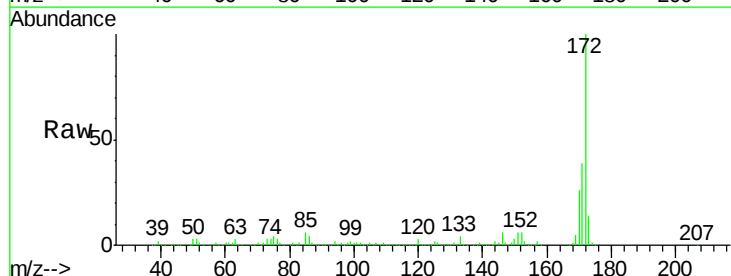
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-081220

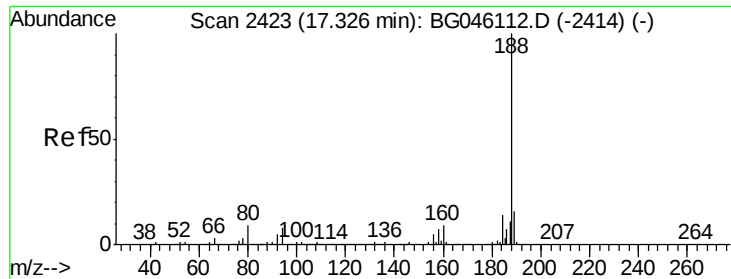
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	27.3	23.4	35.0



#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

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.7	47.5
170	25.5	20.9	31.3

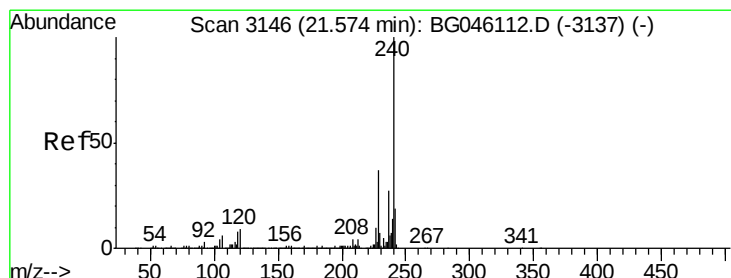
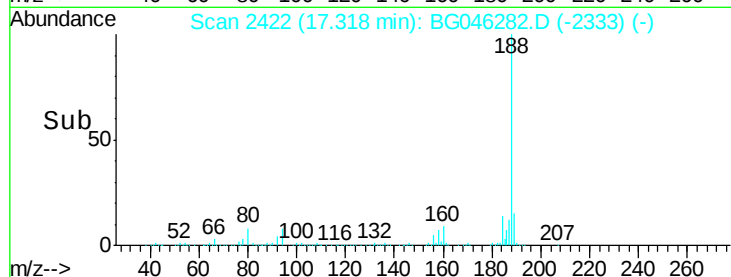
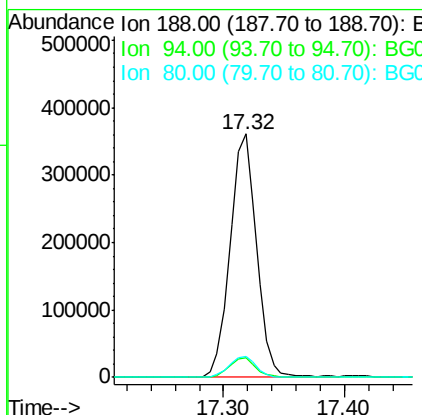
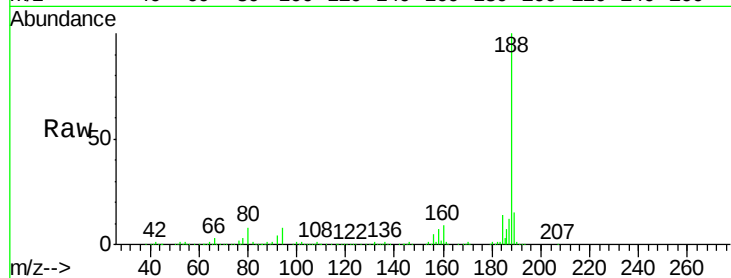




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046282.D
Acq: 14 Aug 2020 19:21

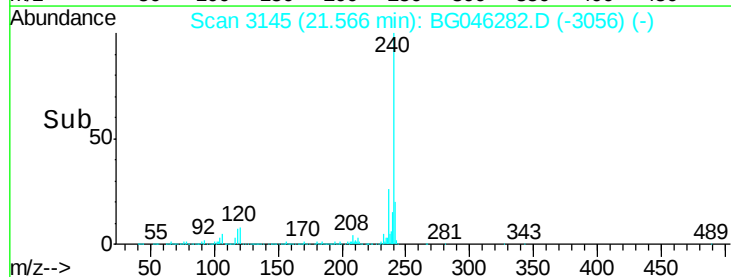
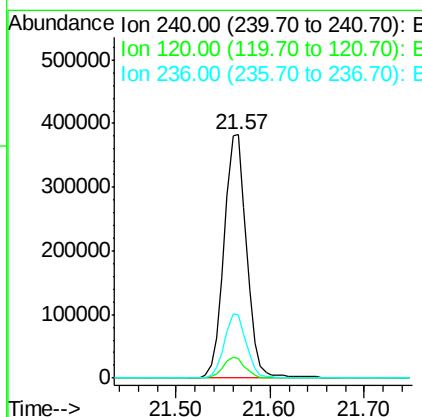
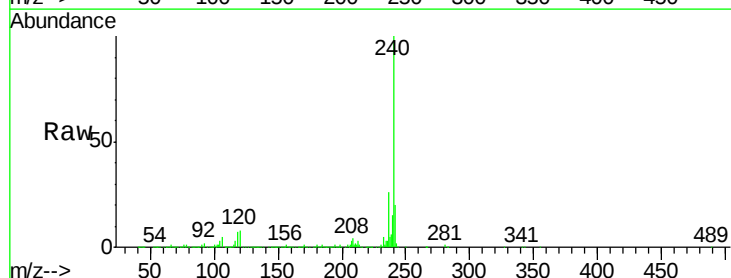
Instrument :
BNA_G
ClientSampleId :
TR-04-081220

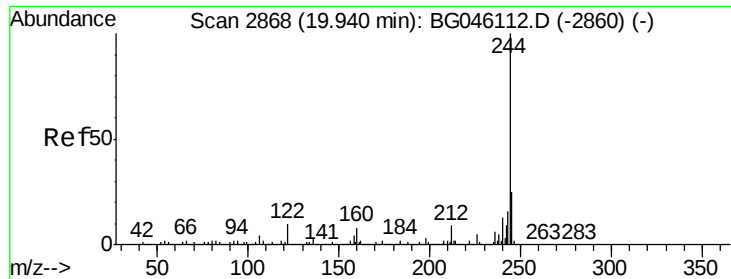
Tot Ion:188 Resp: 551111
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.3 7.4 11.0



#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





#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

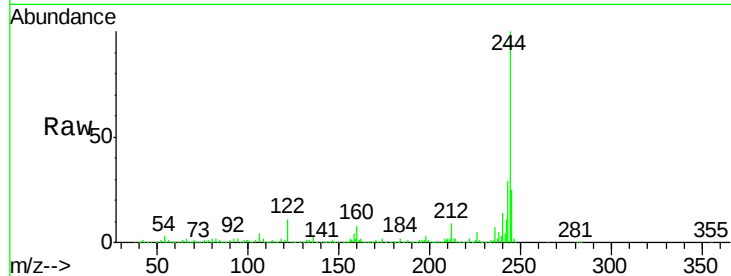
Tot Ion:244 Resp: 2193941

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

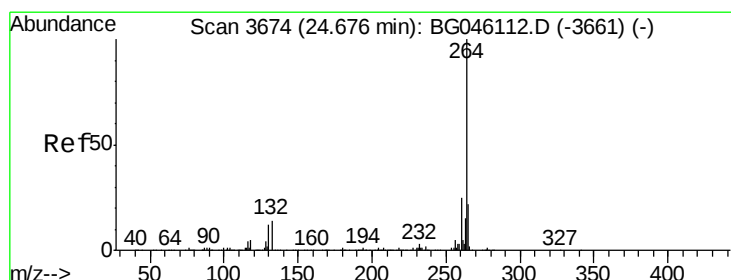
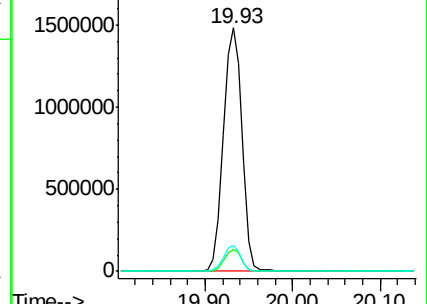
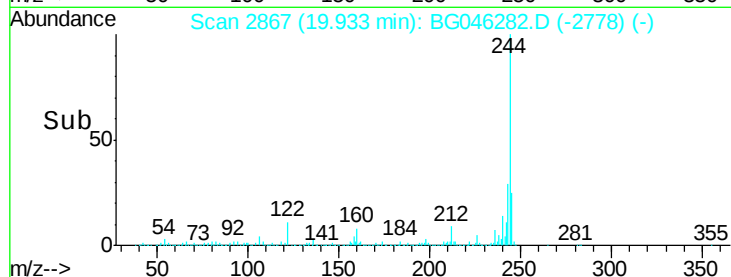
122 10.7 8.3 12.5



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

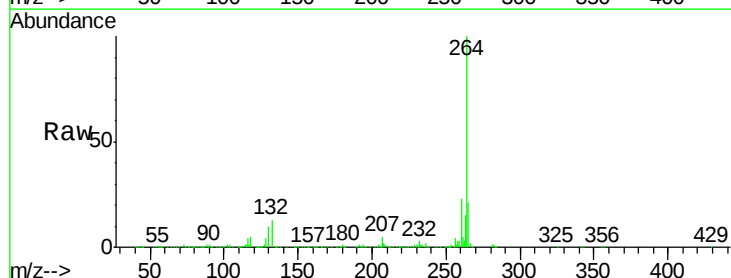
Tgt Ion:264 Resp: 631741

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

