

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046137.D
 Acq On : 1 Aug 2020 00:12
 Operator : CG/JU
 Sample : PB130658TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130658TB

Quant Time: Aug 01 02:58:08 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	88192	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	339673	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	213930	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	515063	20.00	ng	0.00
76) Chrysene-d12	21.57	240	616743	20.00	ng	0.00
86) Perylene-d12	24.67	264	623315	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	632161	124.61	ng	0.00
7) Phenol-d6	7.12	99	796968	115.27	ng	0.00
23) Nitrobenzene-d5	9.11	82	530198	84.51	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	380977	115.94	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1212772	82.35	ng	0.00
79) Terphenyl-d14	19.94	244	2085996	68.88	ng	0.00

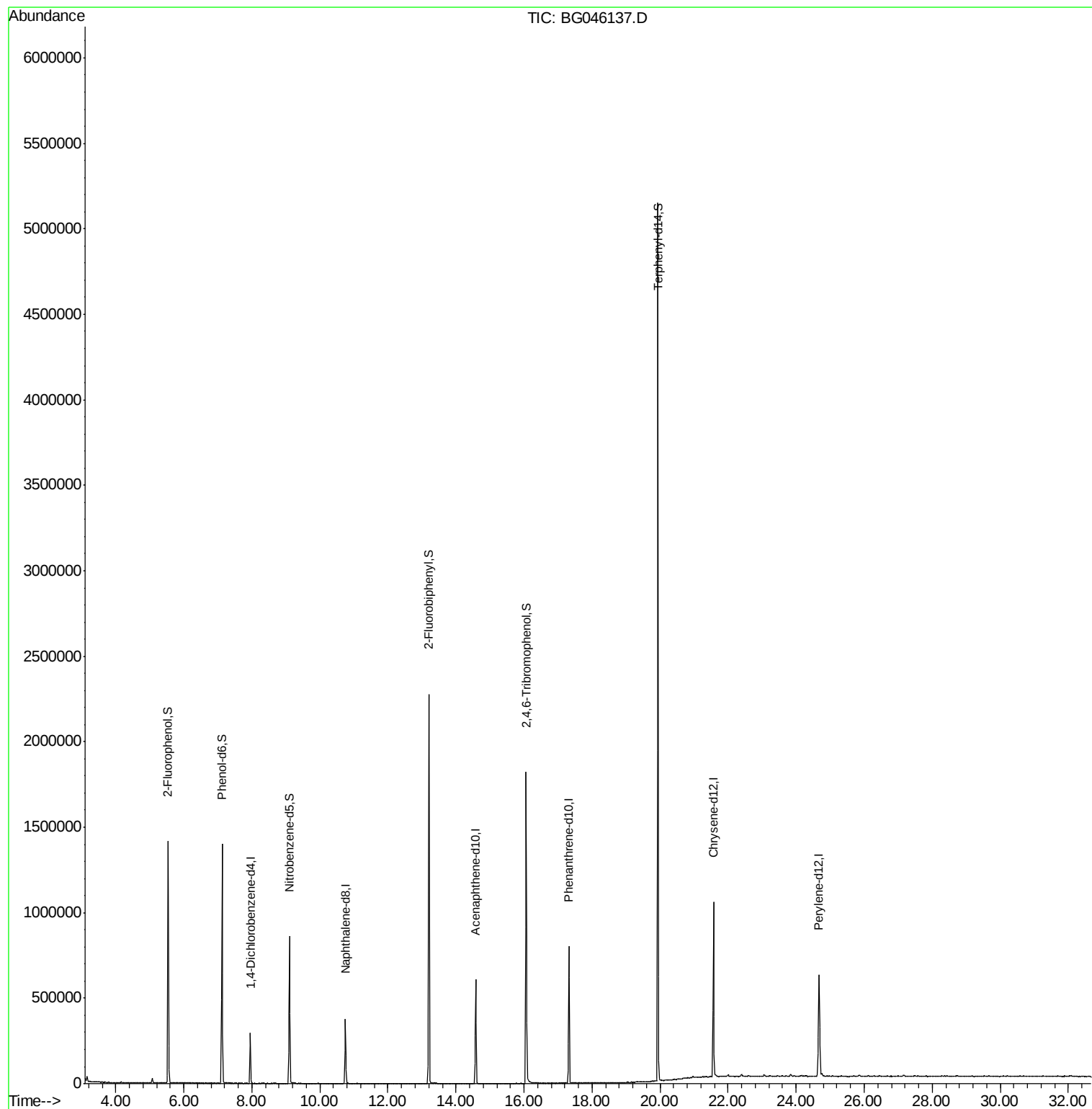
Target Compounds Qvalue

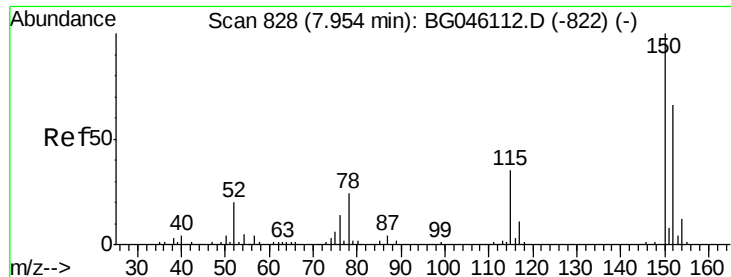
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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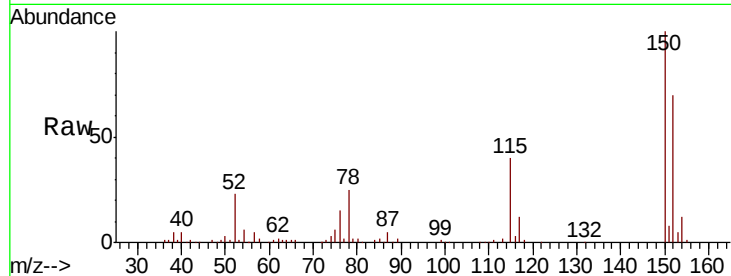


#1

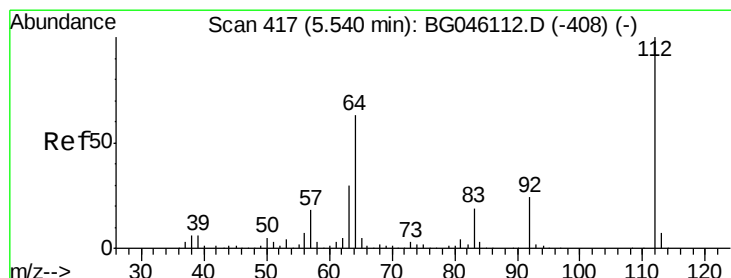
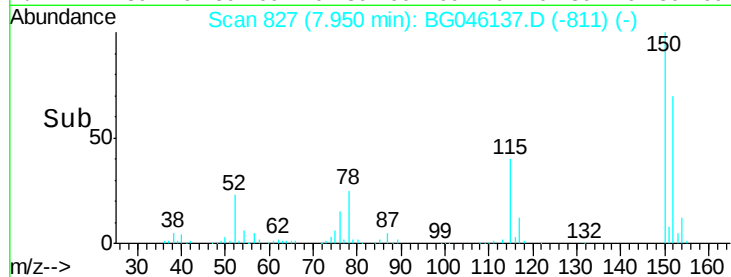
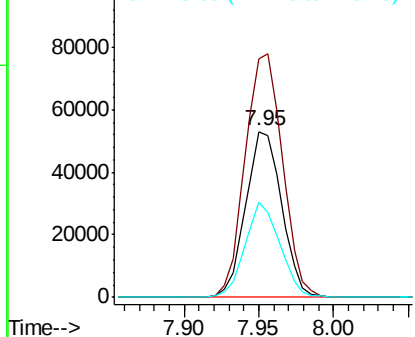
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG046137.D
Acq: 1 Aug 2020 00:12

Instrument :
BNA_G
ClientSampleId :
PB130658TB

Tot Ion:152 Resp: 88192
Ion Ratio Lower Upper
152 100
150 143.7 122.1 183.1
115 57.2 43.2 64.8



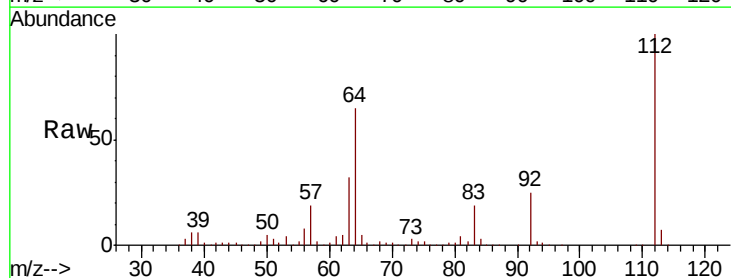
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



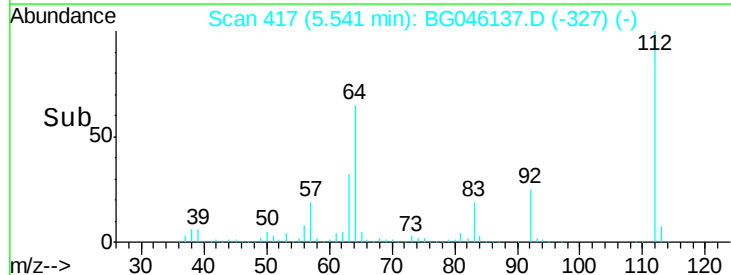
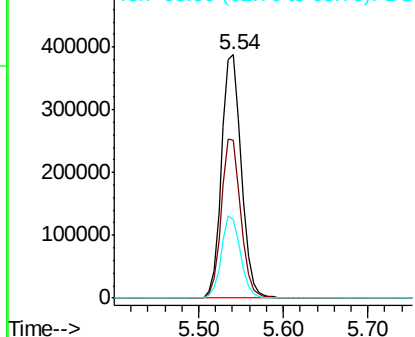
#5

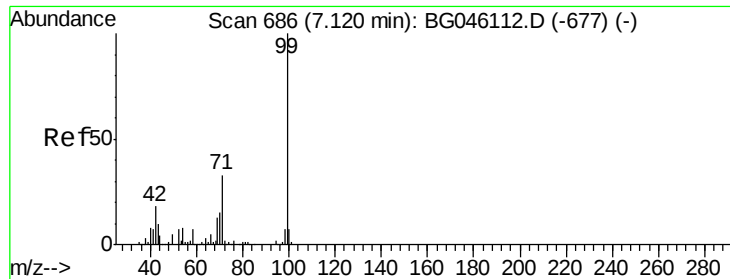
2-Fluorophenol
Concen: 124.607 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG046137.D
Acq: 1 Aug 2020 00:12

Tgt Ion:112 Resp: 632161
Ion Ratio Lower Upper
112 100
64 64.8 50.2 75.2
63 32.4 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 115.266 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046137.D

Acq: 1 Aug 2020 00:12

Instrument :

BNA_G

ClientSampleId :

PB130658TB

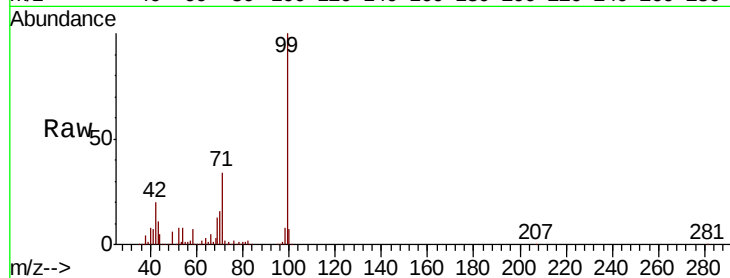
Tot Ion: 99 Resp: 796968

Ion Ratio Lower Upper

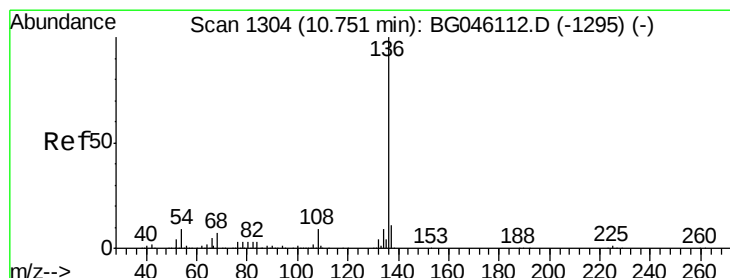
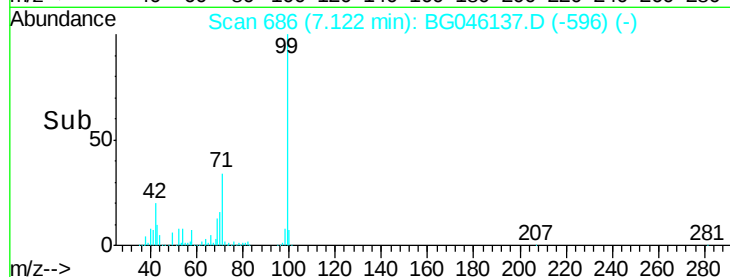
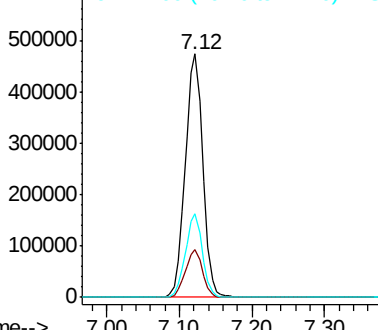
99 100

42 19.6 14.7 22.1

71 34.2 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: 10.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BG046137.D

Acq: 1 Aug 2020 00:12

Tgt Ion: 136 Resp: 339673

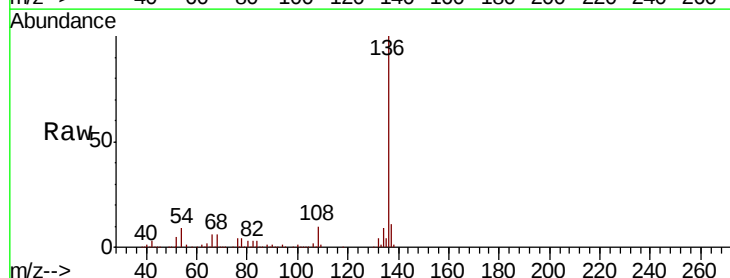
Ion Ratio Lower Upper

136 100

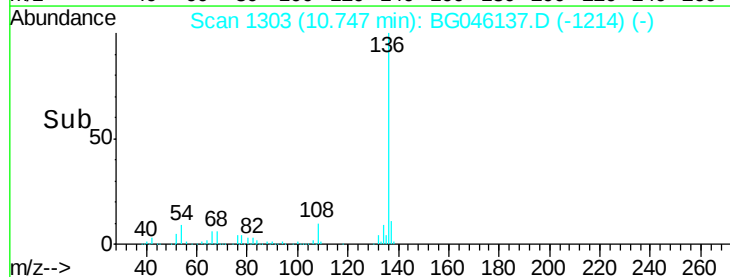
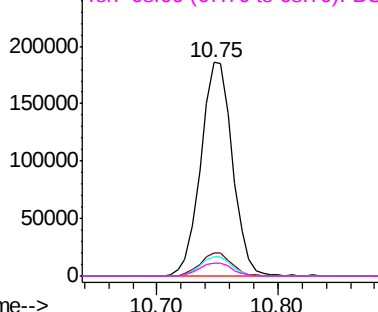
137 11.1 8.8 13.2

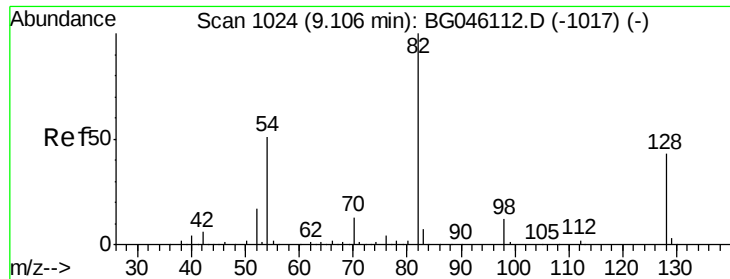
54 9.2 7.0 10.4

68 6.0 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

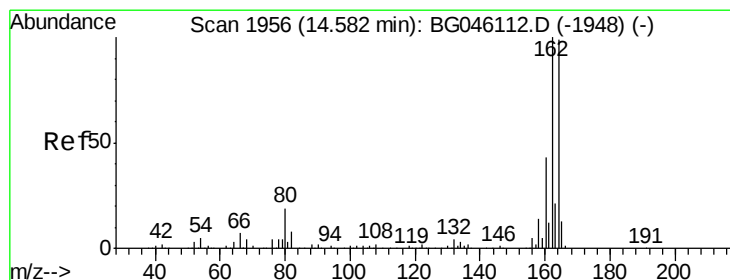
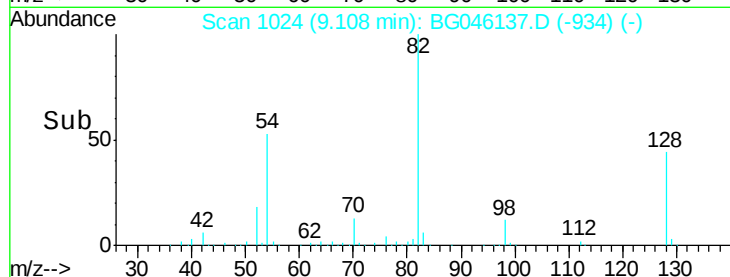
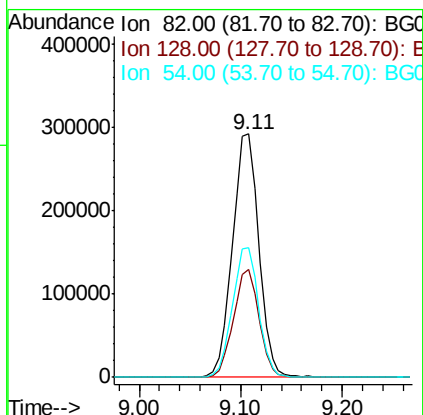
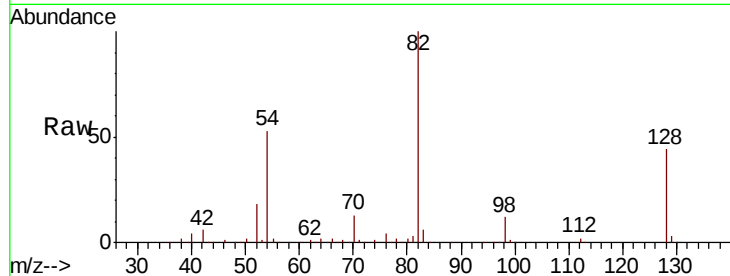




#23
Nitrobenzene-d5
Concen: 84.512 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG046137.D
Acq: 1 Aug 2020 00:12

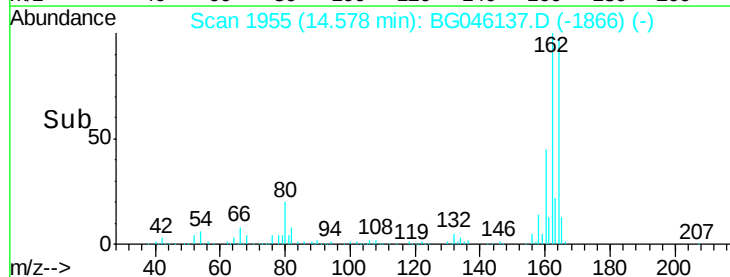
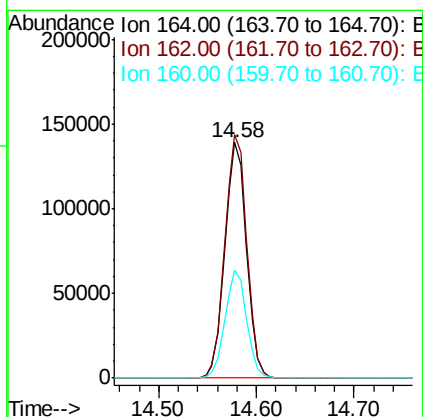
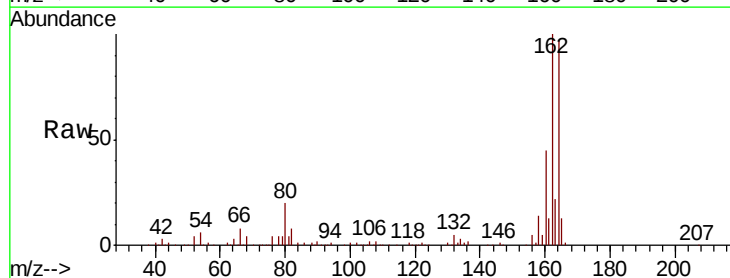
Instrument :
BNA_G
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PB130658TB

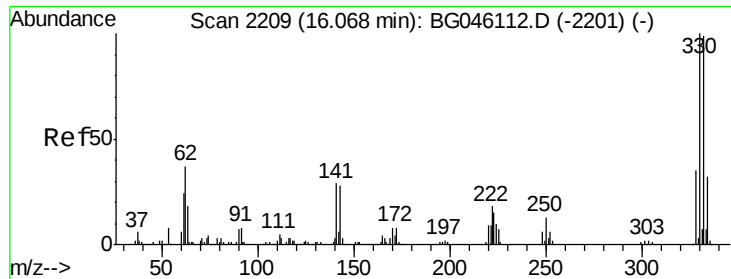
Tot Ion	82	Resp	530198
Ion Ratio	100		
Lower	34.4		
Upper	51.6		
128	44.3		
54	53.1		
	40.8		
	61.2		



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG046137.D
Acq: 1 Aug 2020 00:12

Tgt Ion	164	Resp	213930
Ion Ratio	100		
Lower	80.6		
Upper	121.0		
162	103.4		
160	46.0		
	34.9		
	52.3		

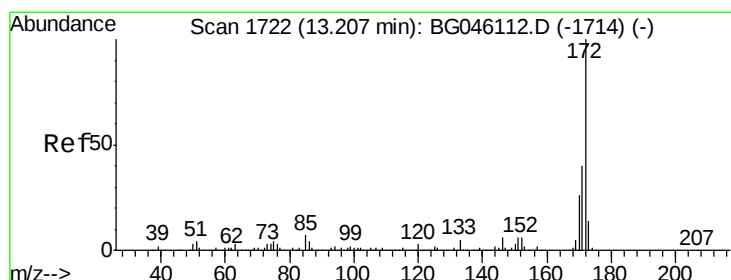
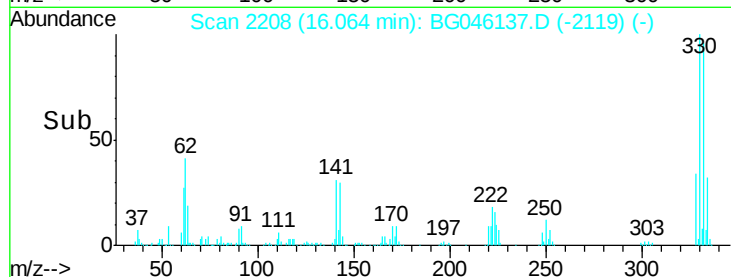
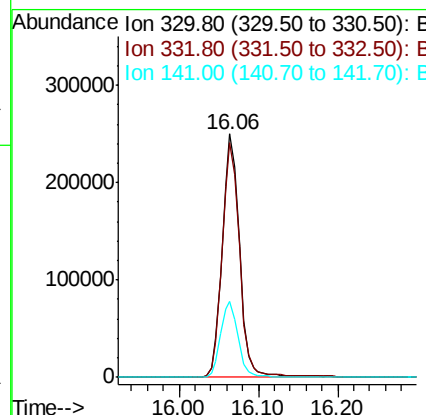
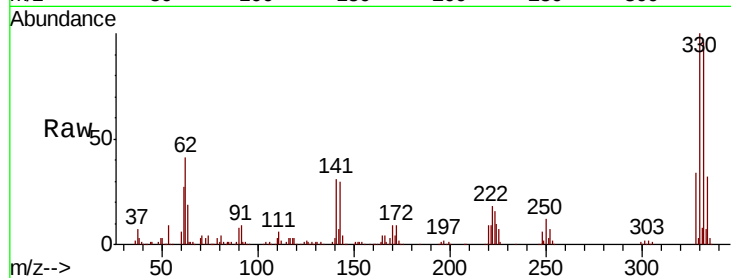




#42
 2,4,6-Tribromophenol
 Concen: 115.942 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BG046137.D
 Acq: 1 Aug 2020 00:12

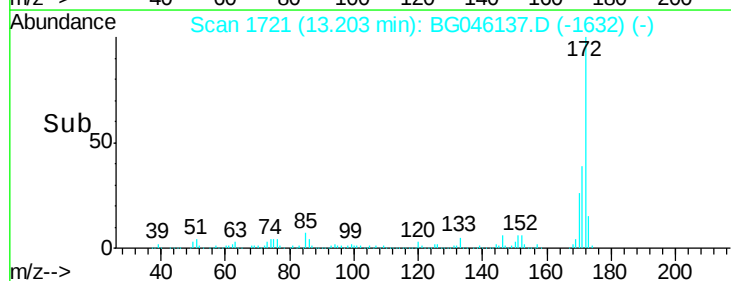
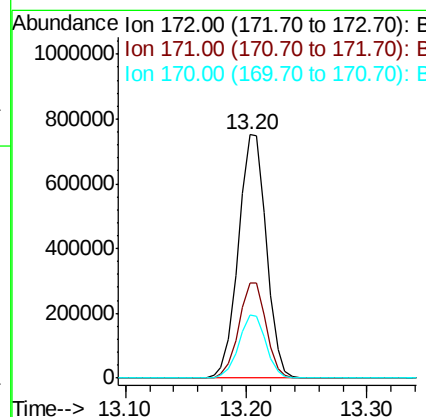
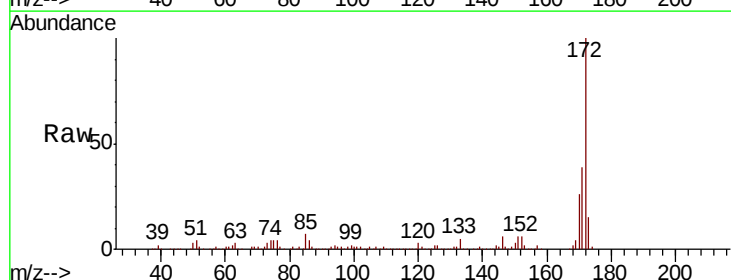
Instrument :
 BNA_G
 ClientSampleId :
 PB130658TB

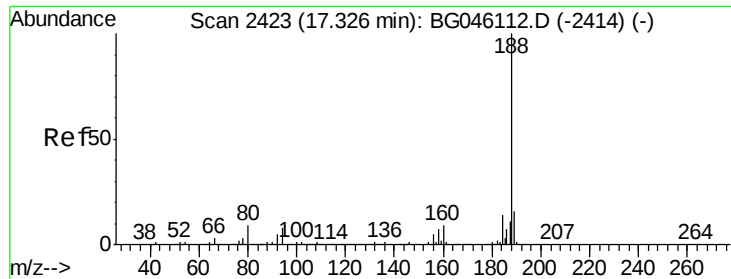
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	31.4	23.4	35.0



#45
 2-Fluorobiphenyl
 Concen: 82.350 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG046137.D
 Acq: 1 Aug 2020 00:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.7	47.5
170	25.7	20.9	31.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BG046137.D

Acq: 1 Aug 2020 00:12

Instrument :

BNA_G

ClientSampleId :

PB130658TB

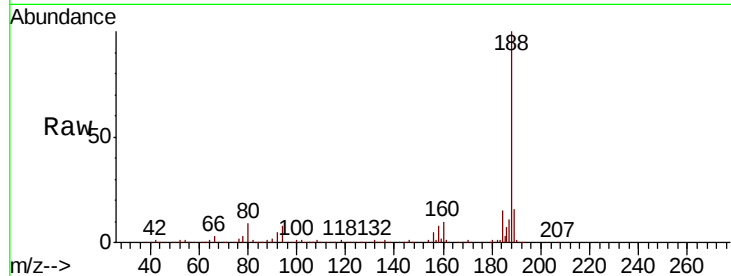
Tot Ion:188 Resp: 515063

Ion Ratio Lower Upper

188 100

94 7.6 6.4 9.6

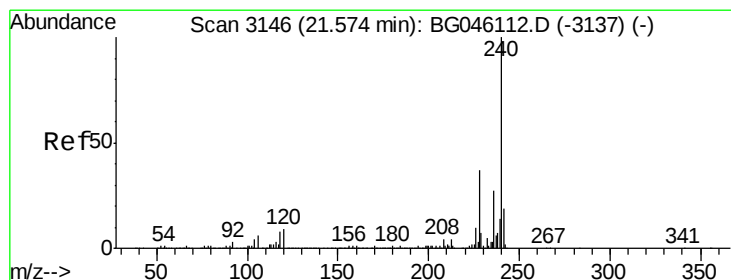
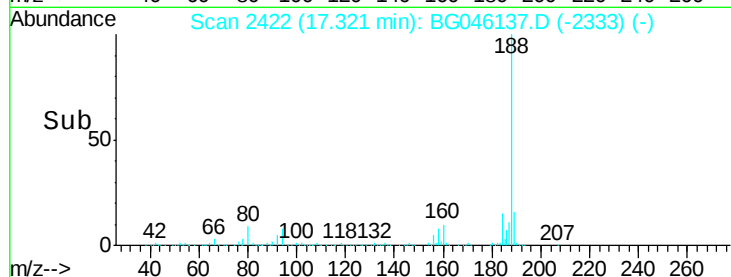
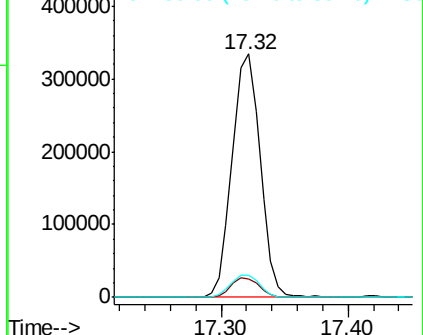
80 9.3 7.4 11.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG046137.D

Acq: 1 Aug 2020 00:12

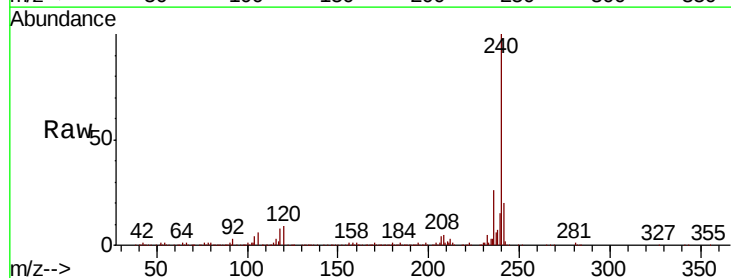
Tgt Ion:240 Resp: 616743

Ion Ratio Lower Upper

240 100

120 9.0 7.1 10.7

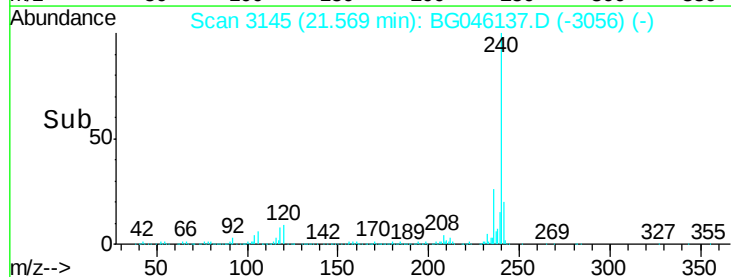
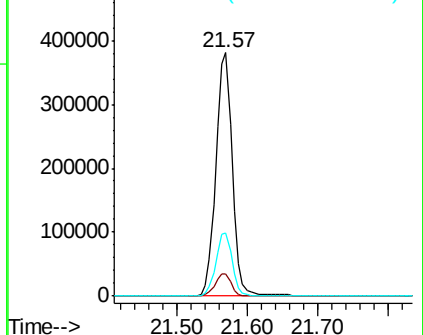
236 26.1 21.7 32.5

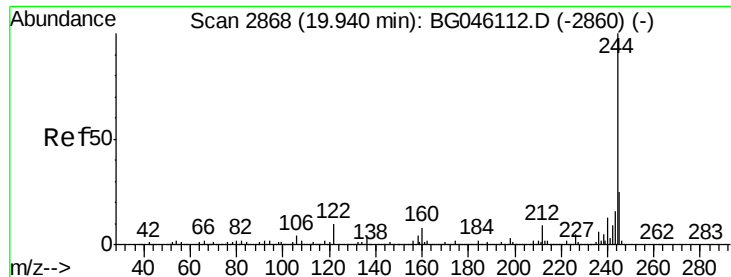


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.884 ng

RT: 19.94 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG046137.D

Acq: 1 Aug 2020 00:12

Instrument :

BNA_G

ClientSampleId :

PB130658TB

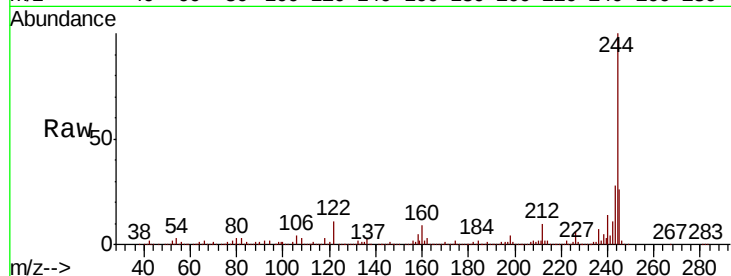
Tot Ion:244 Resp: 2085996

Ion Ratio Lower Upper

244 100

212 9.7 7.2 10.8

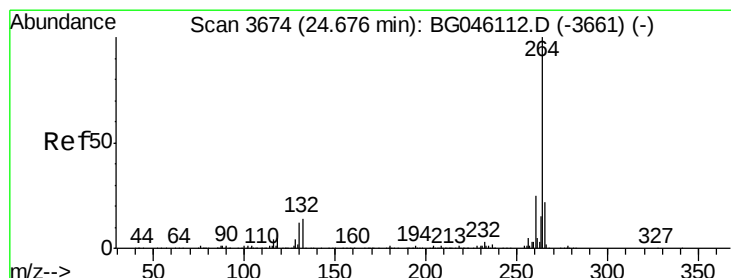
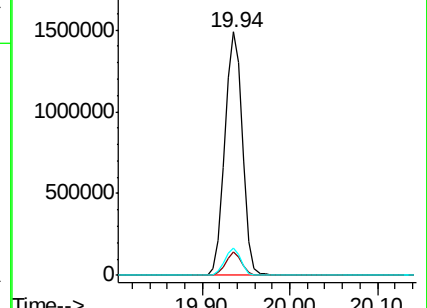
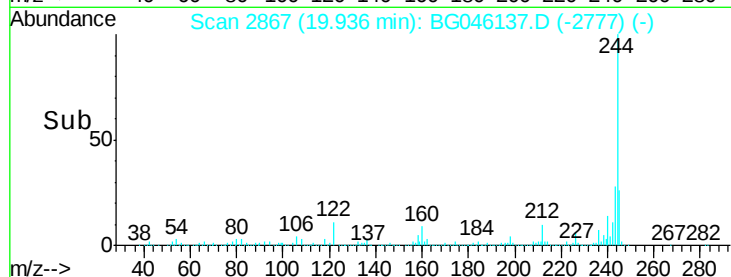
122 11.4 8.3 12.5



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. -0.00 min

Lab File: BG046137.D

Acq: 1 Aug 2020 00:12

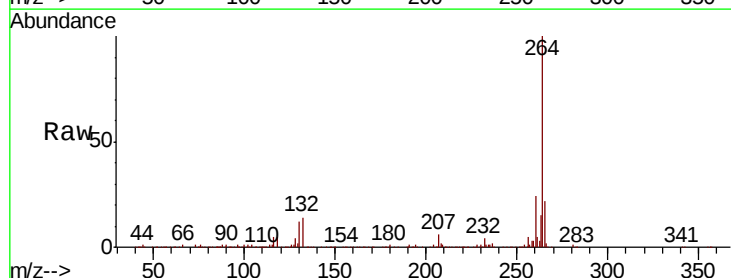
Tgt Ion:264 Resp: 623315

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 21.8 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

