

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080520\
 Data File : BG046170.D
 Acq On : 5 Aug 2020 11:50
 Operator : CG/JU
 Sample : PB130741BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130741BL

Quant Time: Aug 05 13:15:24 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	99885	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	406442	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	280337	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	678908	20.00	ng	0.00
76) Chrysene-d12	21.57	240	704000	20.00	ng	0.00
86) Perylene-d12	24.67	264	727707	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	667593	116.19	ng	0.00
7) Phenol-d6	7.12	99	848826	108.39	ng	0.00
23) Nitrobenzene-d5	9.10	82	559556	74.54	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	472081	109.64	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1415346	73.34	ng	0.00
79) Terphenyl-d14	19.93	244	2209540	63.92	ng	0.00

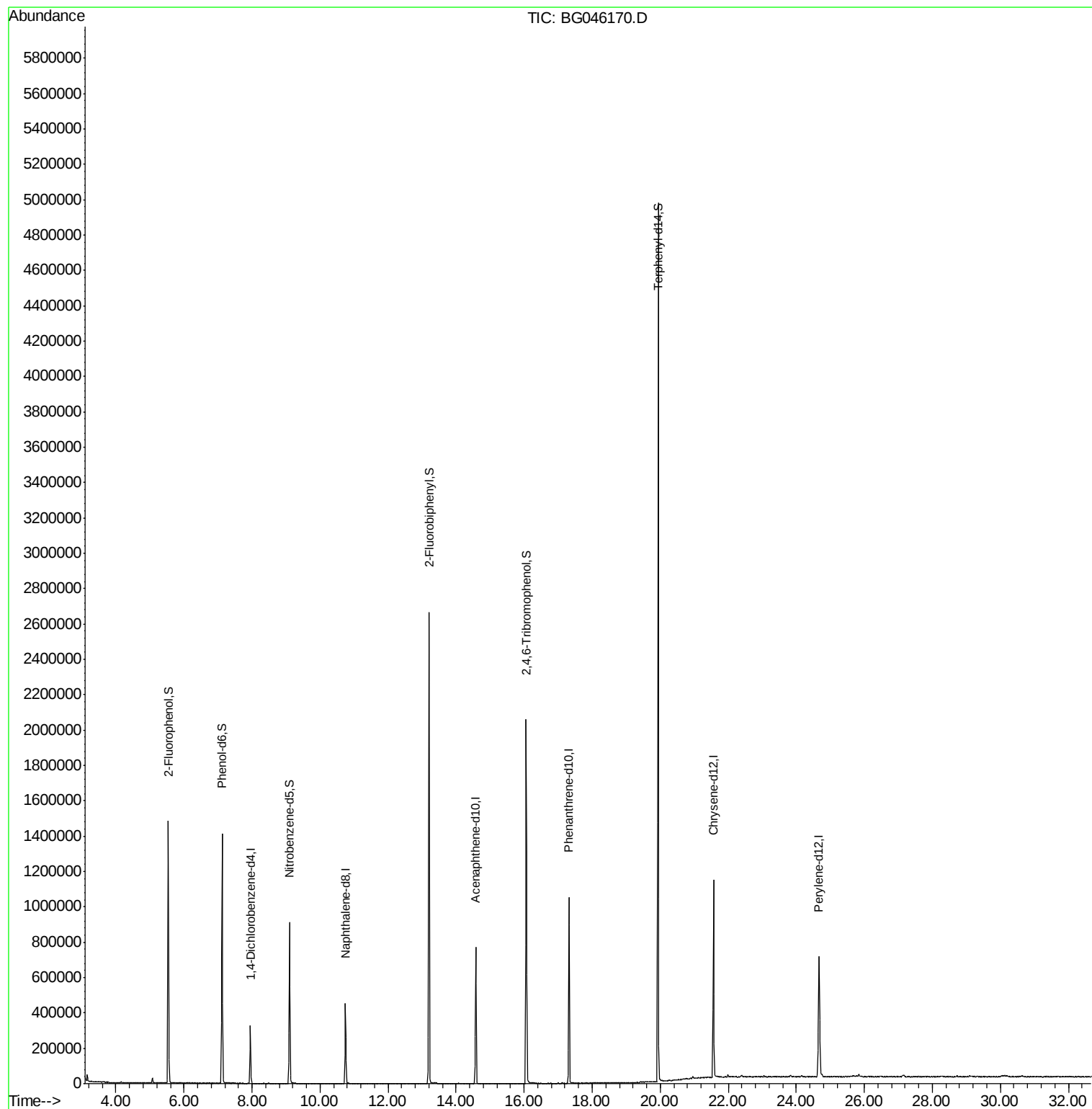
Target Compounds Qvalue

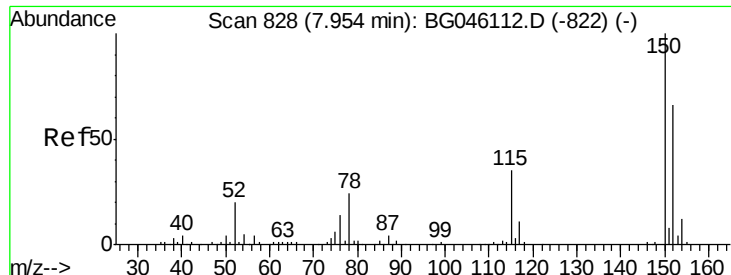
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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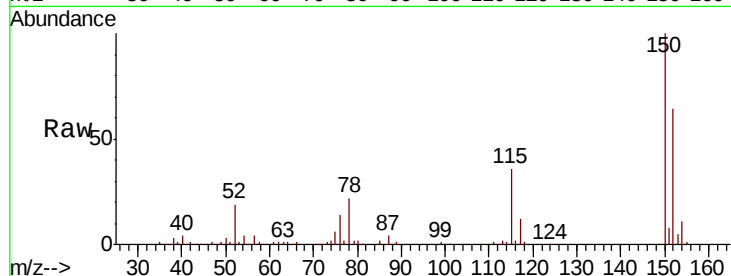


#1

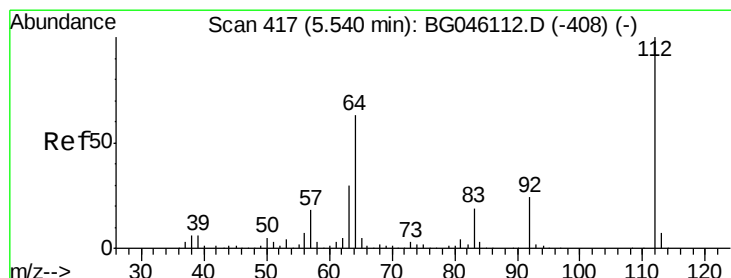
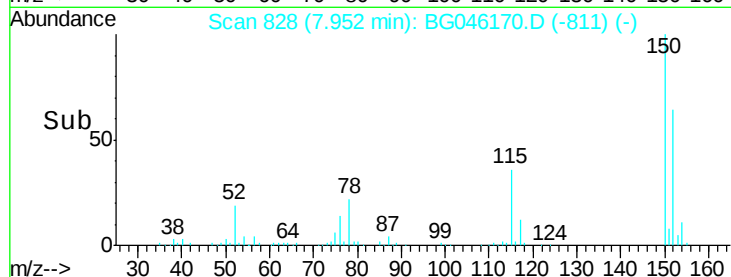
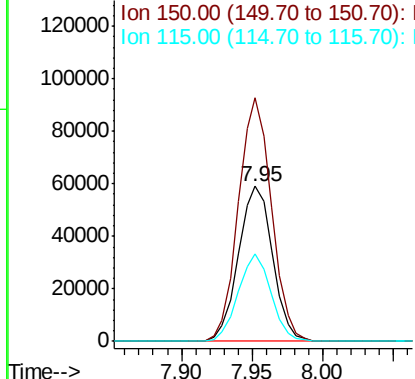
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046170.D
Acq: 5 Aug 2020 11:50

Instrument :
BNA_G
ClientSampleId :
PB130741BL

Tot Ion:152 Resp: 99885
Ion Ratio Lower Upper
152 100
150 157.4 122.1 183.1
115 56.4 43.2 64.8



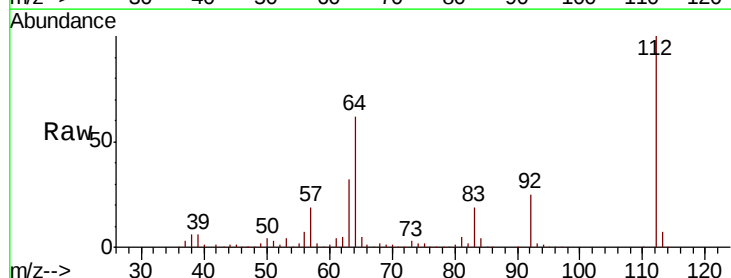
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



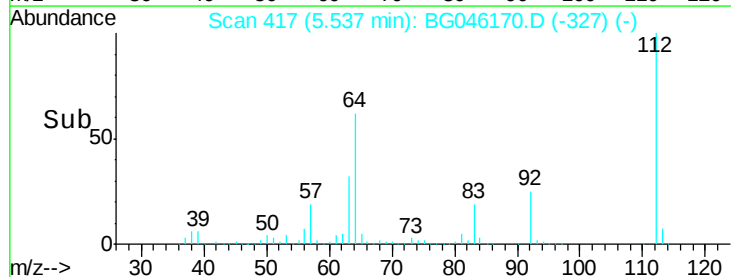
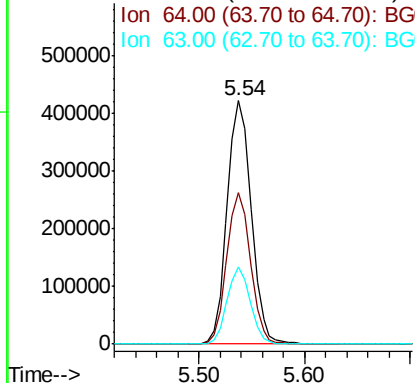
#5

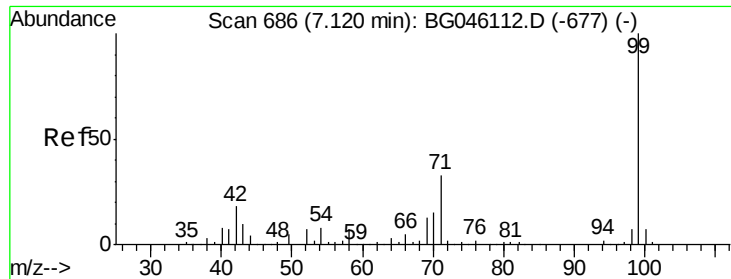
2-Fluorophenol
Concen: 116.186 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046170.D
Acq: 5 Aug 2020 11:50

Tgt Ion:112 Resp: 667593
Ion Ratio Lower Upper
112 100
64 62.3 50.2 75.2
63 31.9 24.2 36.4



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





#7

Phenol-d6

Concen: 108.395 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046170.D

Acq: 5 Aug 2020 11:50

Instrument :

BNA_G

ClientSampleId :

PB130741BL

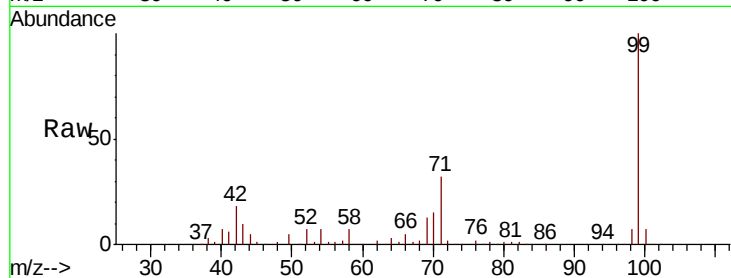
Tot Ion: 99 Resp: 848826

Ion Ratio Lower Upper

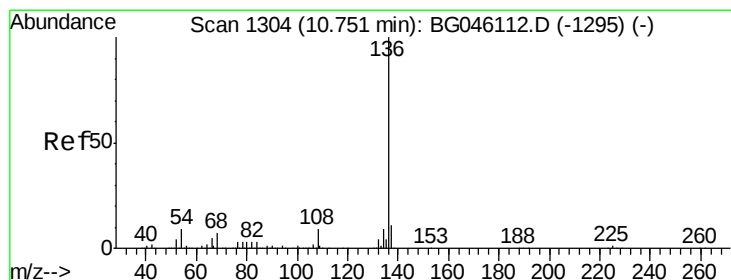
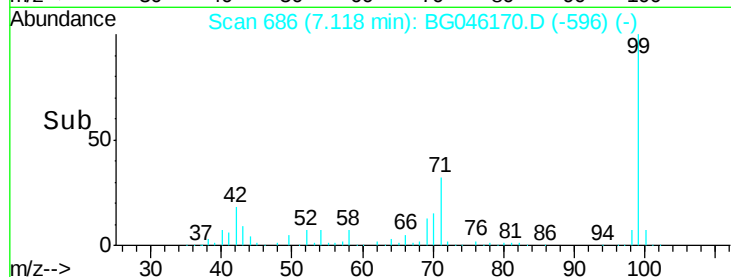
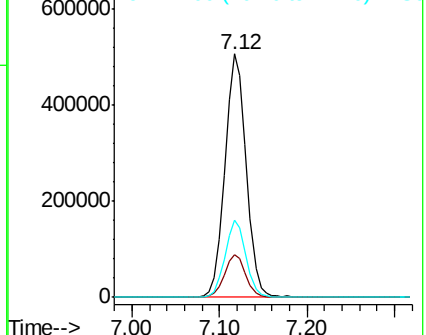
99 100

42 17.7 14.7 22.1

71 31.7 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# 1304

Delta R.T. -0.00 min

Lab File: BG046170.D

Acq: 5 Aug 2020 11:50

Tgt Ion: 136 Resp: 406442

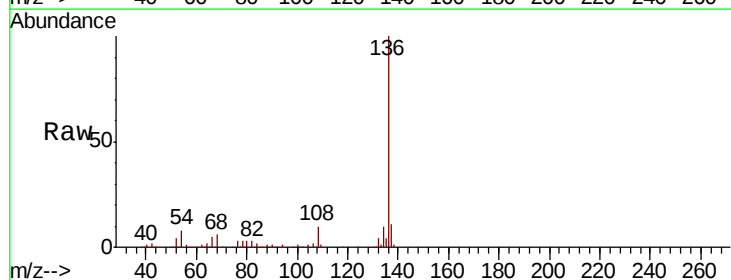
Ion Ratio Lower Upper

136 100

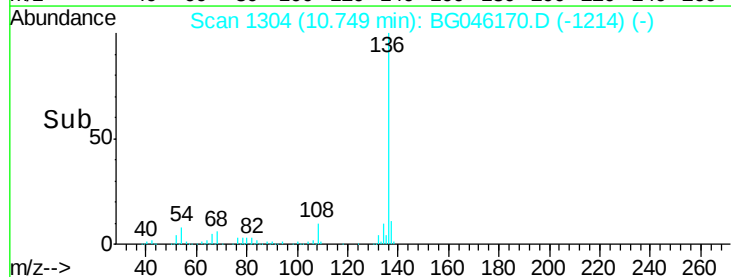
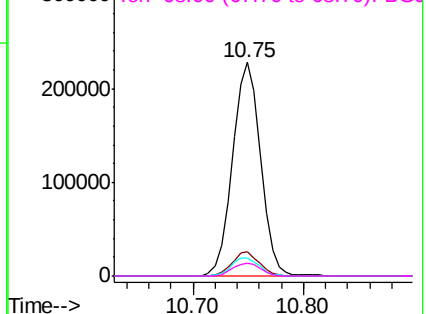
137 11.5 8.8 13.2

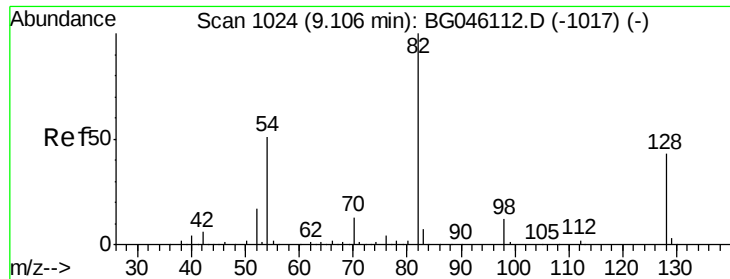
54 8.3 7.0 10.4

68 6.2 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

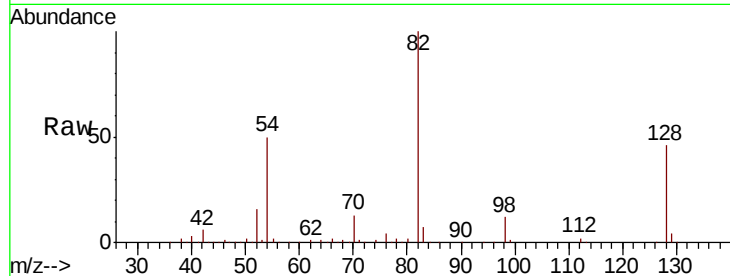




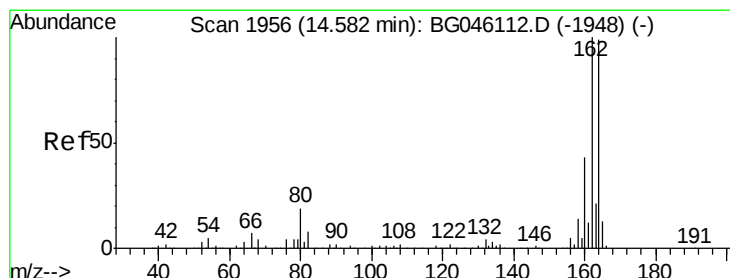
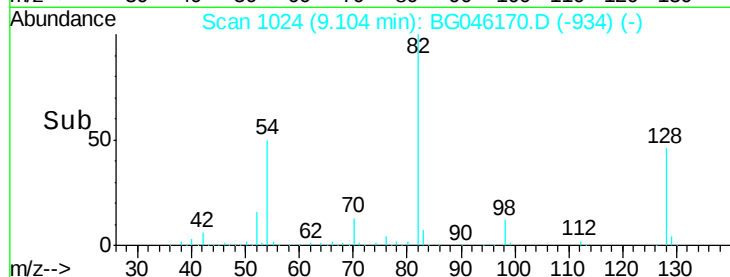
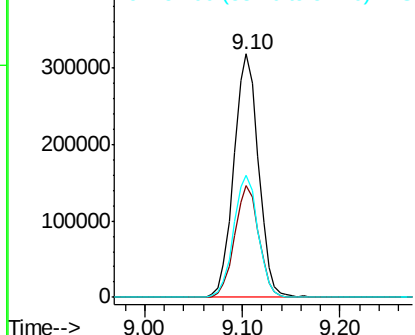
#23
Nitrobenzene-d5
Concen: 74.539 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046170.D
Acq: 5 Aug 2020 11:50

Instrument :
BNA_G
ClientSampleId :
PB130741BL

Tot Ion: 82 Resp: 559556
Ion Ratio Lower Upper
82 100
128 46.1 34.4 51.6
54 49.9 40.8 61.2

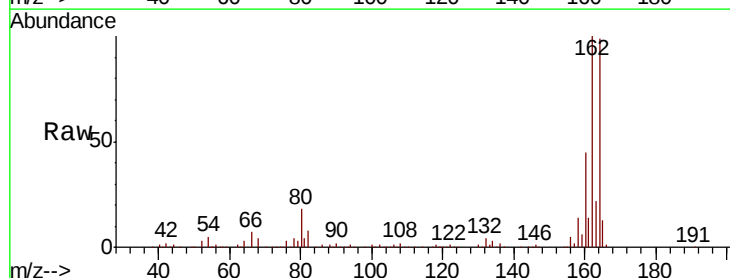


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

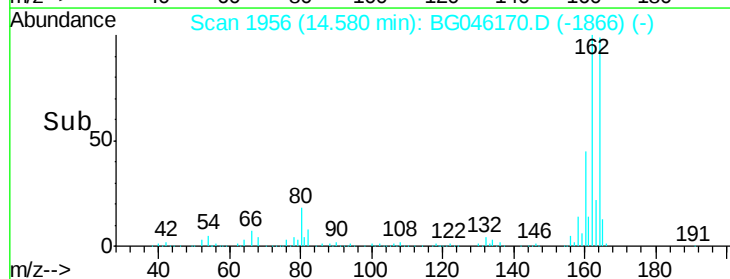
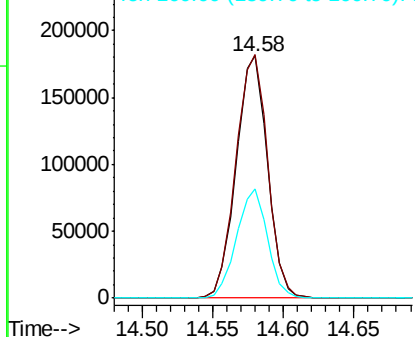


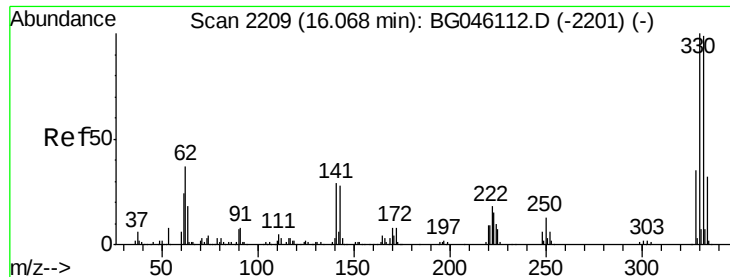
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG046170.D
Acq: 5 Aug 2020 11:50

Tgt Ion:164 Resp: 280337
Ion Ratio Lower Upper
164 100
162 100.6 80.6 121.0
160 45.0 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

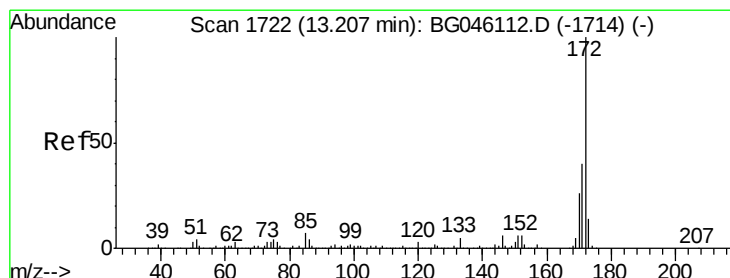
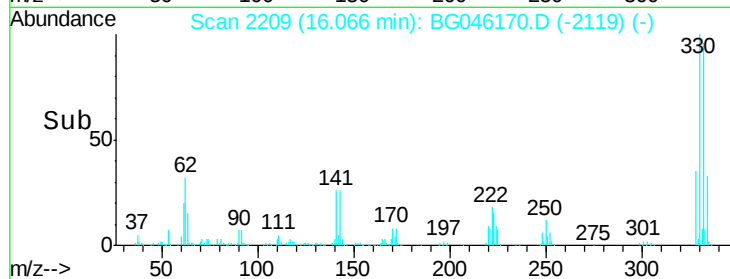
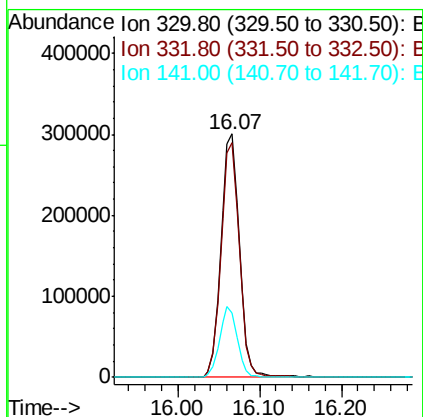
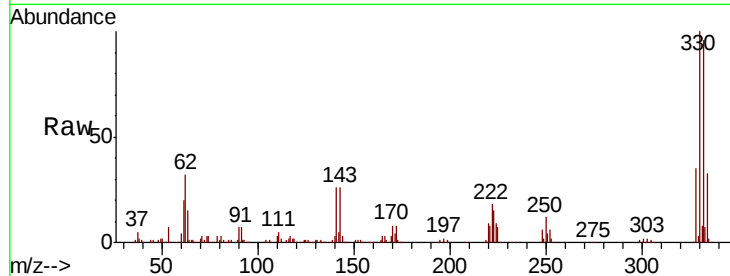




#42
 2,4,6-Tribromophenol
 Concen: 109.635 ng
 RT: 16.07 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG046170.D
 Acq: 5 Aug 2020 11:50

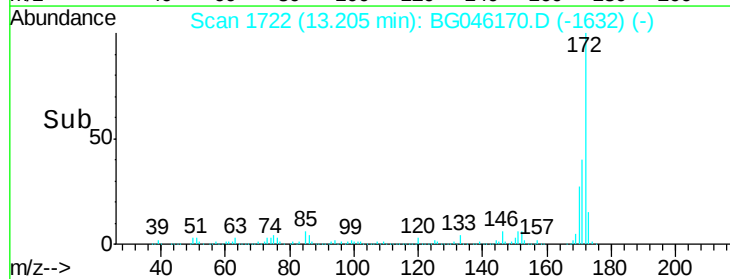
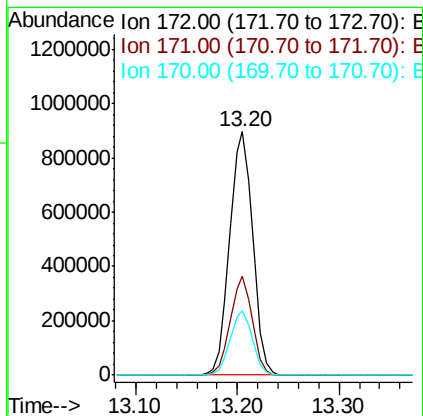
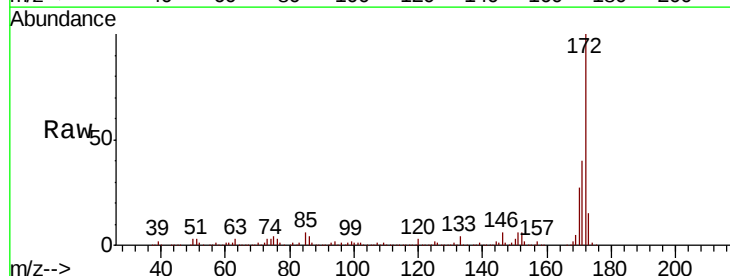
Instrument :
 BNA_G
 ClientSampleId :
 PB130741BL

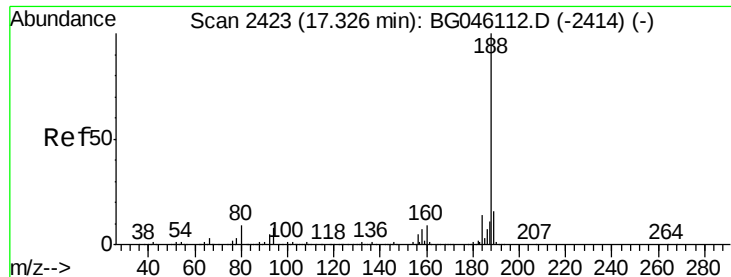
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	28.0	23.4	35.0



#45
 2-Fluorobiphenyl
 Concen: 73.339 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG046170.D
 Acq: 5 Aug 2020 11:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.4	31.7	47.5
170	26.6	20.9	31.3

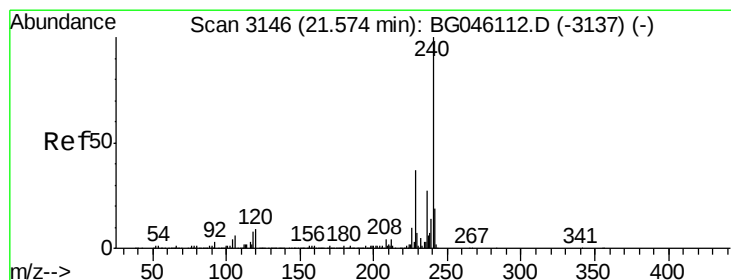
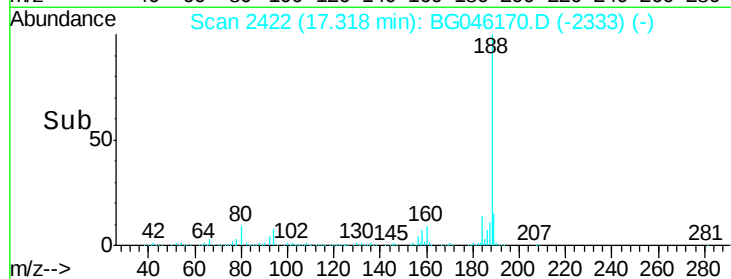
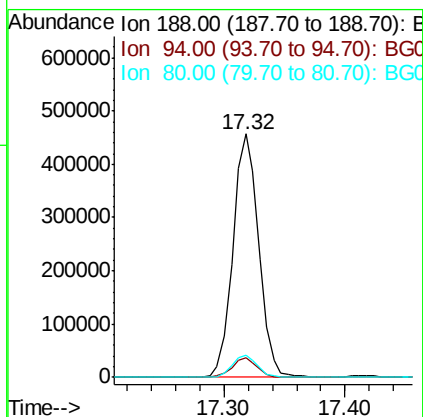
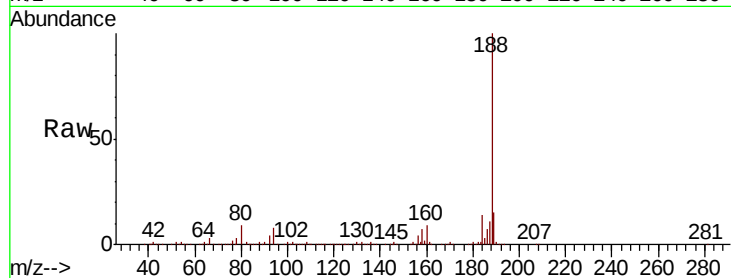




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046170.D
Acq: 5 Aug 2020 11:50

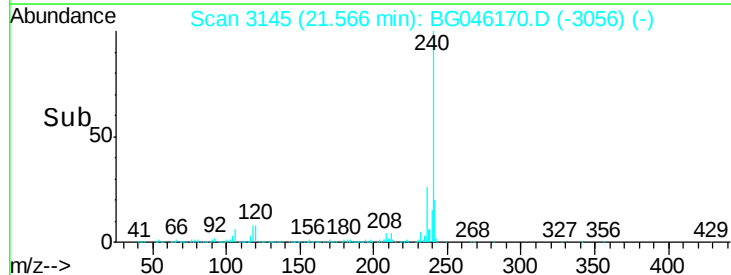
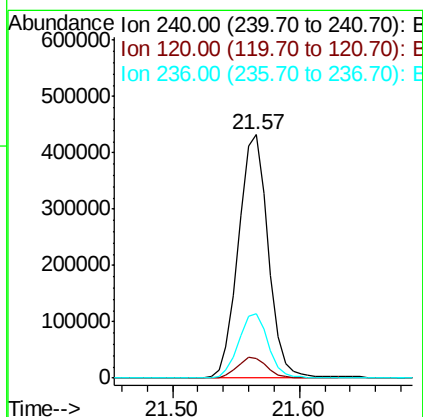
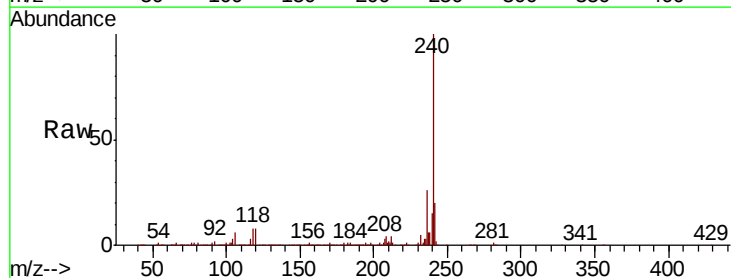
Instrument :
BNA_G
ClientSampleId :
PB130741BL

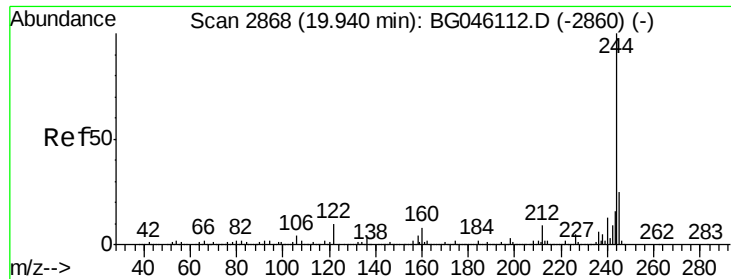
Tot Ion:188 Resp: 678908
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 9.2 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG046170.D
Acq: 5 Aug 2020 11:50

Tgt Ion:240 Resp: 704000
Ion Ratio Lower Upper
240 100
120 7.9 7.1 10.7
236 26.3 21.7 32.5





#79

Terphenyl-d14

Concen: 63.921 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046170.D

Acq: 5 Aug 2020 11:50

Instrument :

BNA_G

ClientSampleId :

PB130741BL

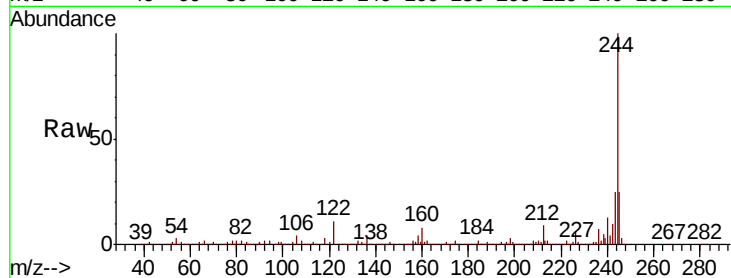
Tot Ion:244 Resp: 2209540

Ion Ratio Lower Upper

244 100

212 9.2 7.2 10.8

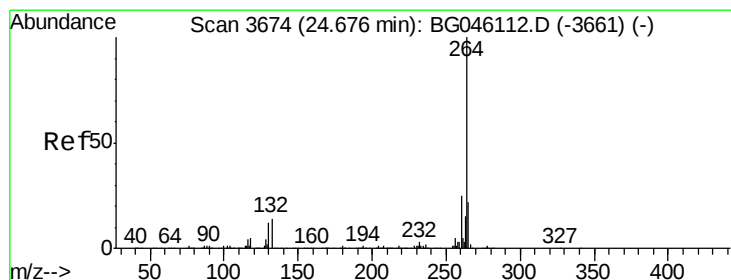
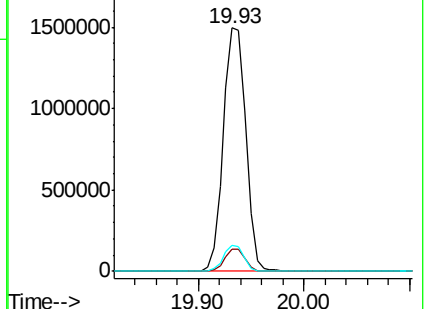
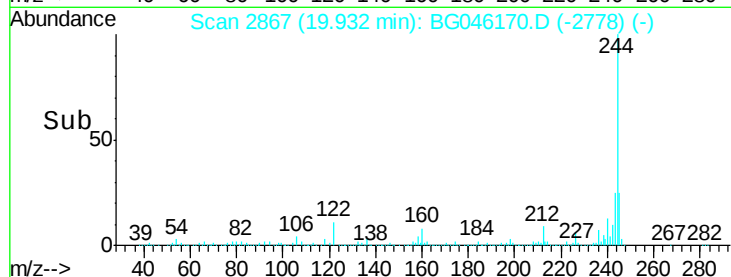
122 10.8 8.3 12.5



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: BG046170.D

Acq: 5 Aug 2020 11:50

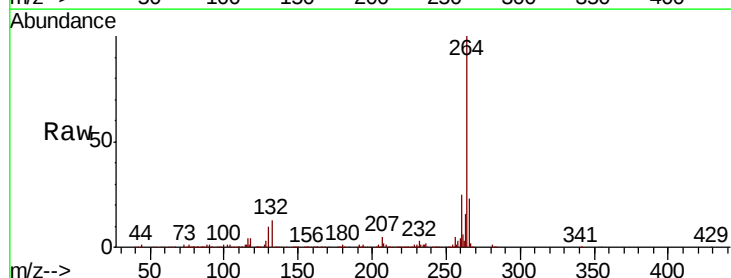
Tgt Ion:264 Resp: 727707

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 22.6 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

