

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
 Data File : BG046513.D
 Acq On : 3 Sep 2020 11:37
 Operator : CG/JU
 Sample : PB131374TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131374TB

Quant Time: Sep 03 13:41:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	70653	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	290751	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	192596	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	463786	20.00	ng	0.00
76) Chrysene-d12	21.55	240	527761	20.00	ng	0.00
86) Perylene-d12	24.65	264	518140	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	462119	115.85	ng	0.00
7) Phenol-d6	7.10	99	585655	103.57	ng	0.00
23) Nitrobenzene-d5	9.08	82	383049	75.30	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	249540	95.63	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	972652	77.09	ng	0.00
79) Terphenyl-d14	19.92	244	1677565	67.65	ng	0.00

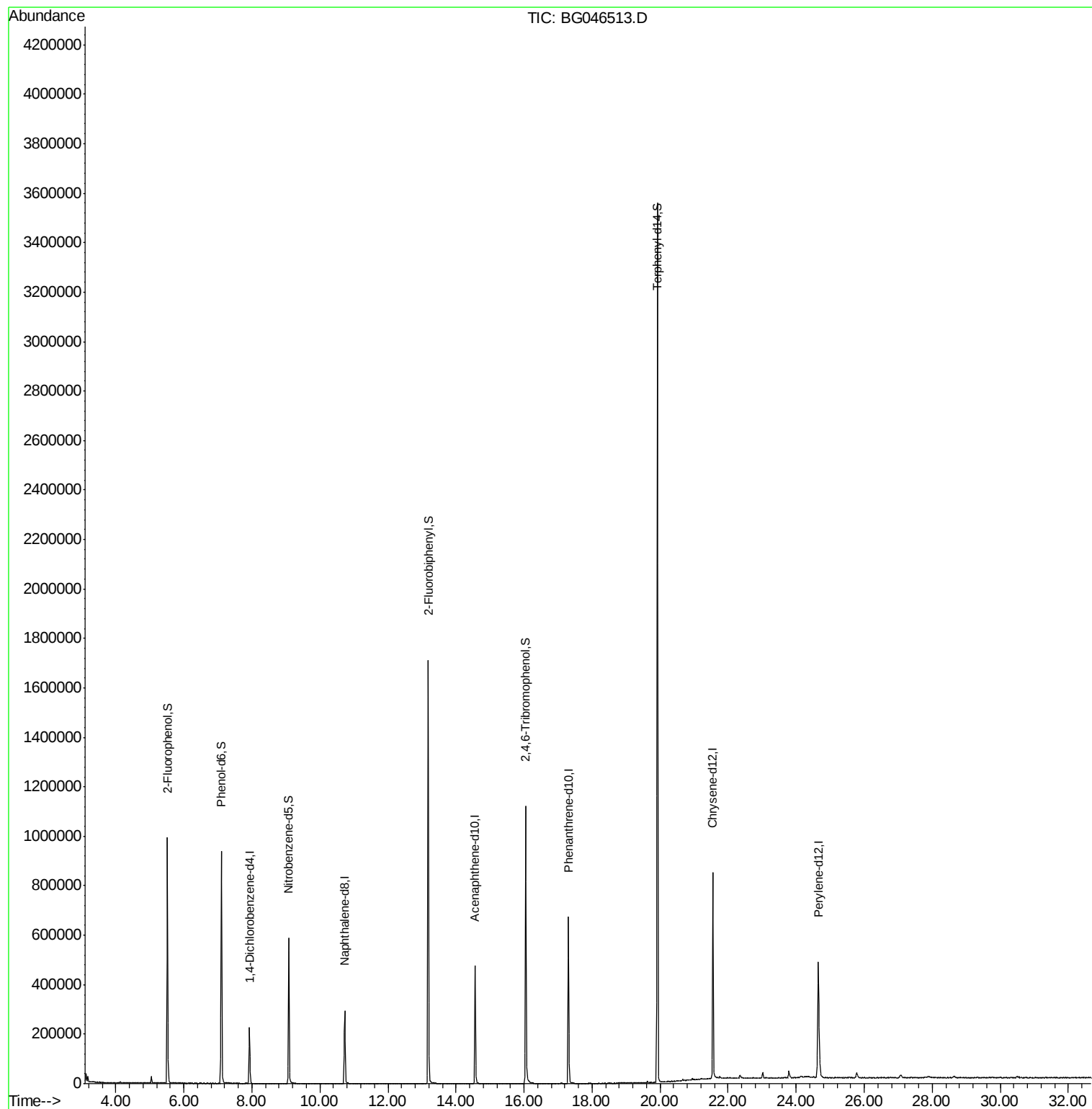
Target Compounds Qvalue

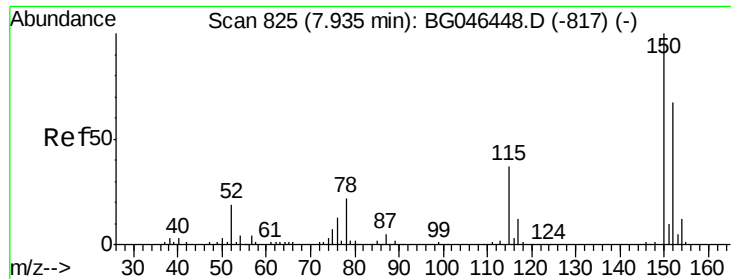
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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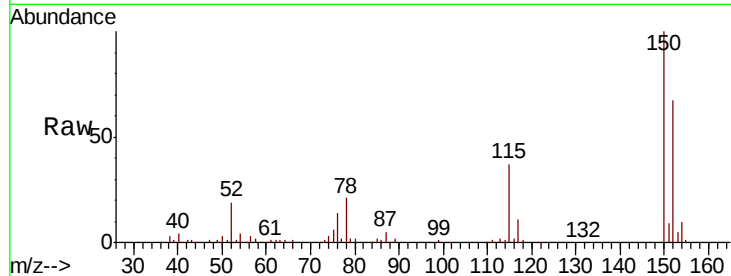


#1

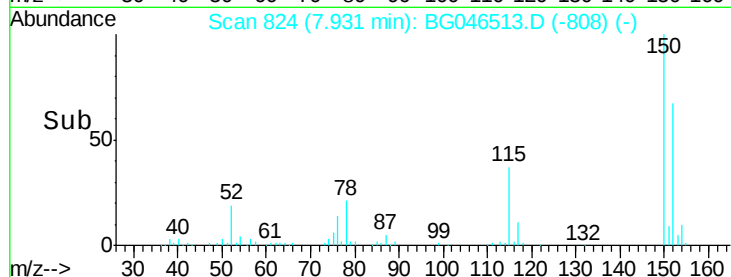
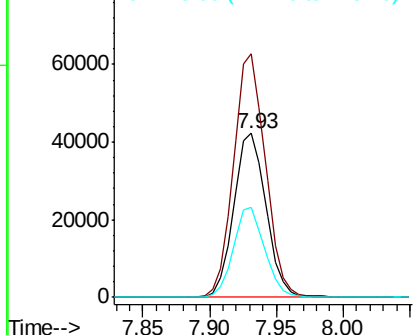
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046513.D
Acq: 3 Sep 2020 11:37

Instrument :
BNA_G
ClientSampleId :
PB131374TB

Tot Ion:152 Resp: 70653
Ion Ratio Lower Upper
152 100
150 148.4 119.5 179.3
115 54.7 44.3 66.5



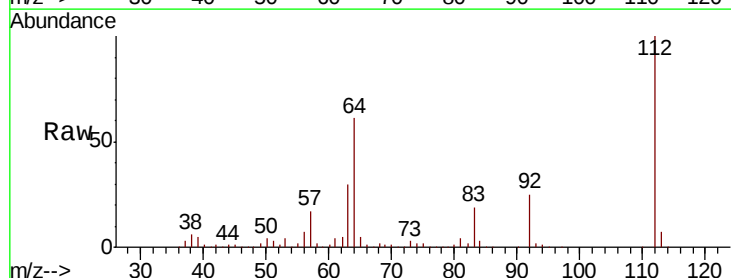
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



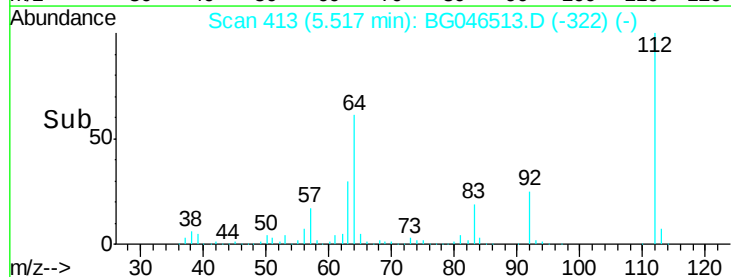
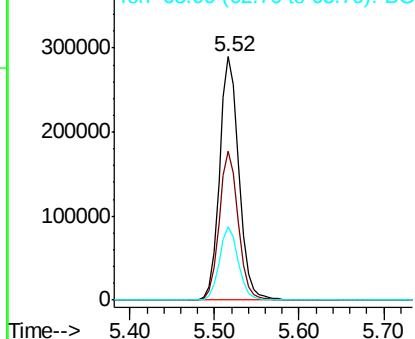
#5

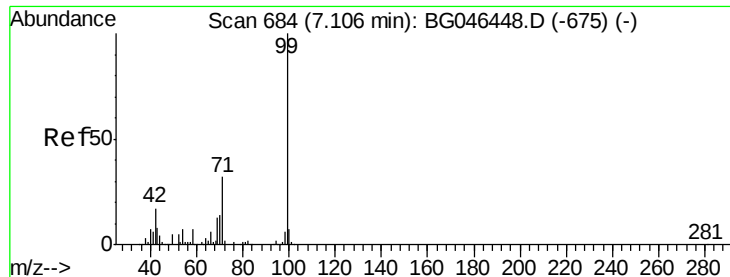
2-Fluorophenol
Concen: 115.848 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046513.D
Acq: 3 Sep 2020 11:37

Tgt Ion:112 Resp: 462119
Ion Ratio Lower Upper
112 100
64 61.0 47.0 70.6
63 29.9 23.5 35.3



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: 103.567 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046513.D

Acq: 3 Sep 2020 11:37

Instrument :

BNA_G

ClientSampleId :

PB131374TB

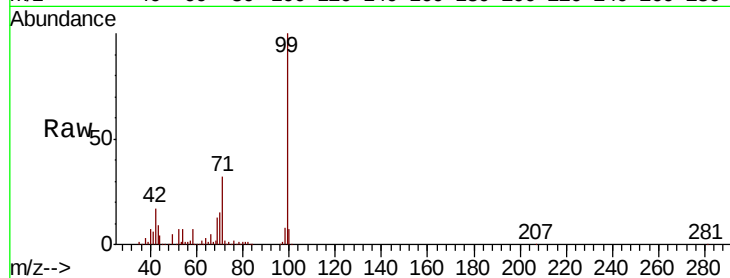
Tot Ion: 99 Resp: 585655

Ion Ratio Lower Upper

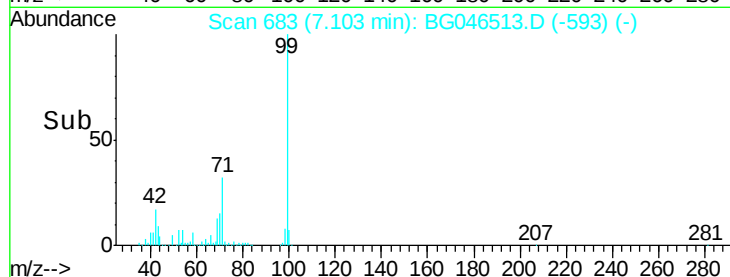
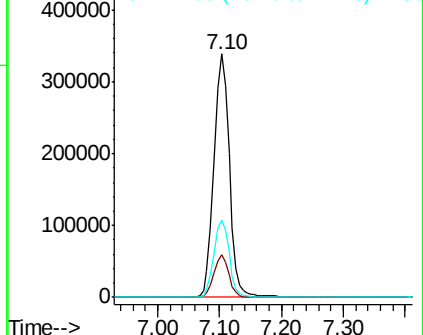
99 100

42 17.4 13.3 19.9

71 31.8 25.3 37.9



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: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG046513.D

Acq: 3 Sep 2020 11:37

Tgt Ion: 136 Resp: 290751

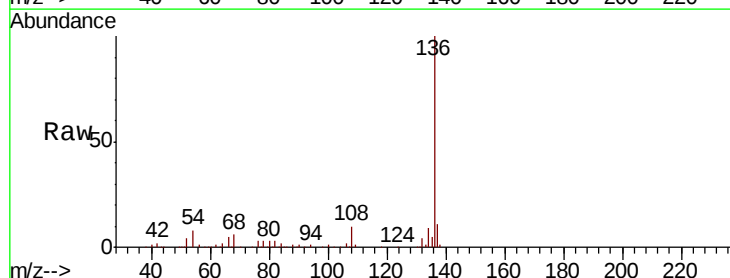
Ion Ratio Lower Upper

136 100

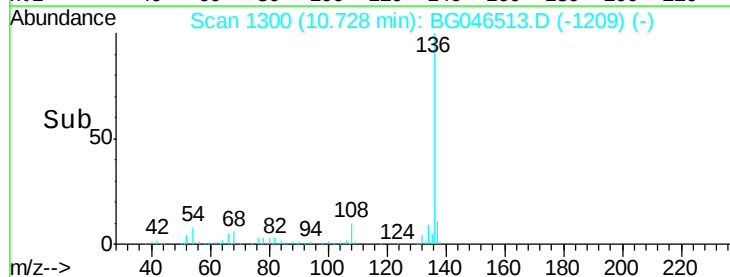
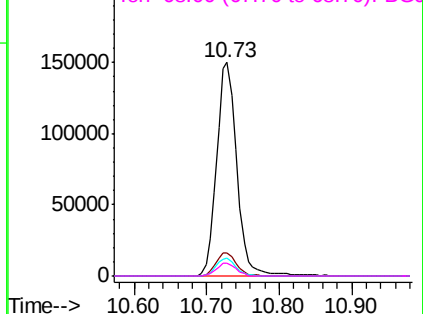
137 10.8 8.8 13.2

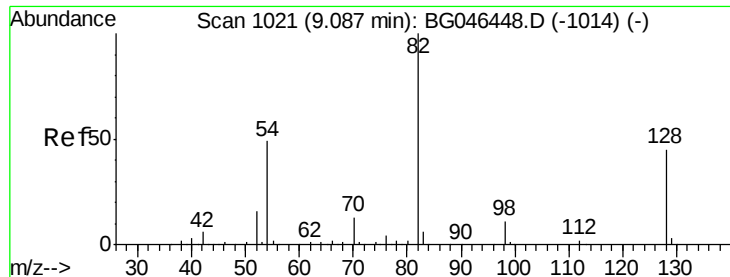
54 8.4 6.1 9.1

68 6.0 4.8 7.2



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

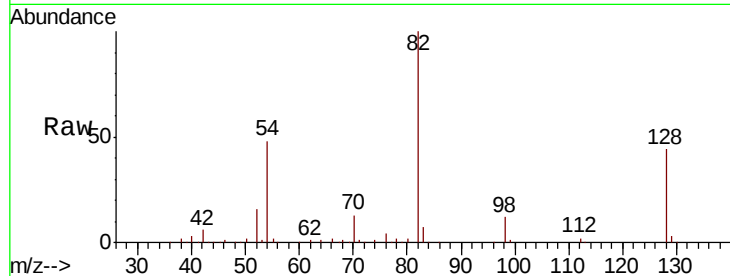




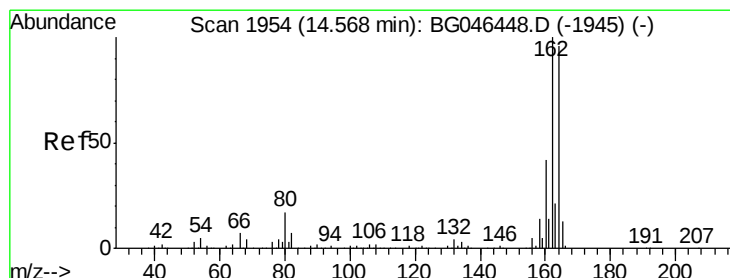
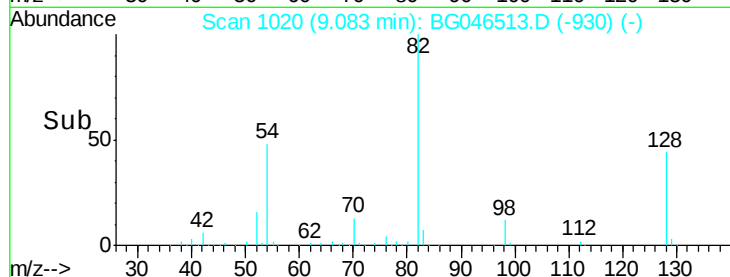
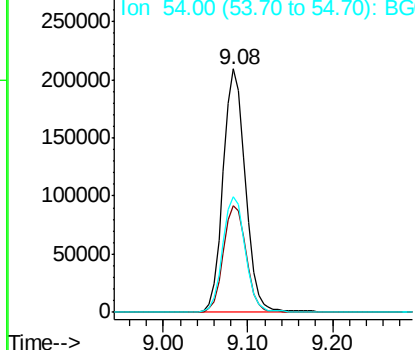
#23
Nitrobenzene-d5
Concen: 75.299 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046513.D
Acq: 3 Sep 2020 11:37

Instrument :
BNA_G
ClientSampled :
PB131374TB

Tot Ion: 82 Resp: 383049
Ion Ratio Lower Upper
82 100
128 43.8 35.7 53.5
54 47.7 39.4 59.0

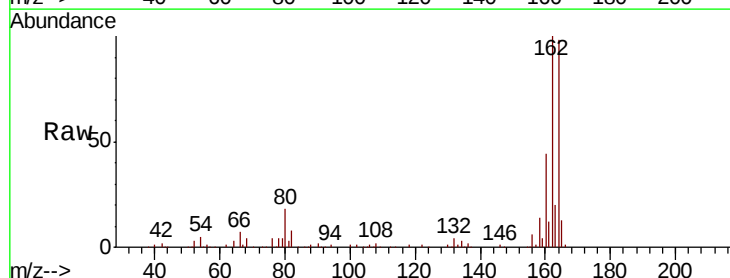


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

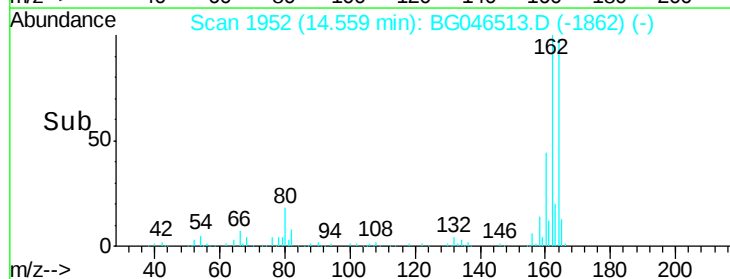
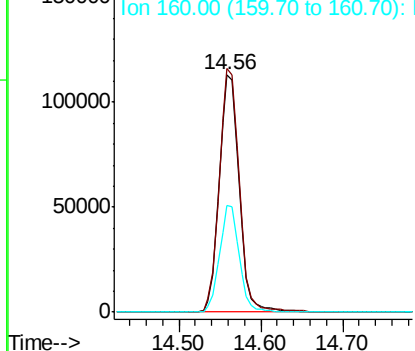


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG046513.D
Acq: 3 Sep 2020 11:37

Tgt Ion:164 Resp: 192596
Ion Ratio Lower Upper
164 100
162 102.5 83.3 124.9
160 45.0 35.0 52.6



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

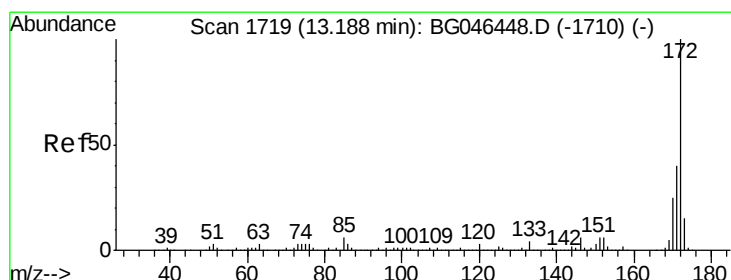
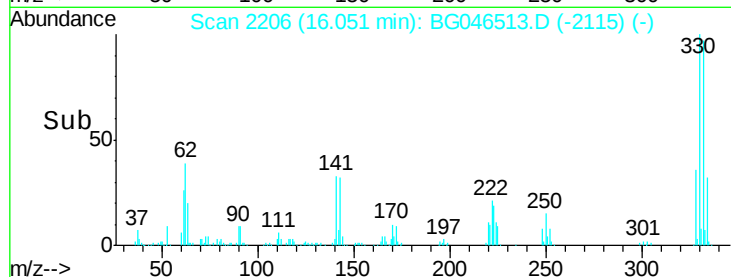
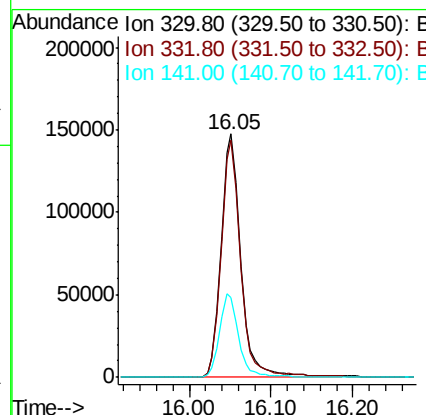
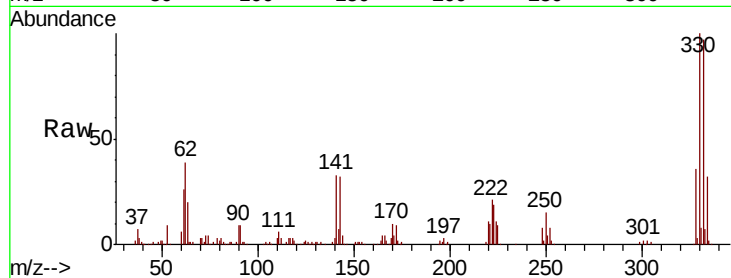




#42
 2,4,6-Tribromophenol
 Concen: 95.626 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BG046513.D
 Acq: 3 Sep 2020 11:37

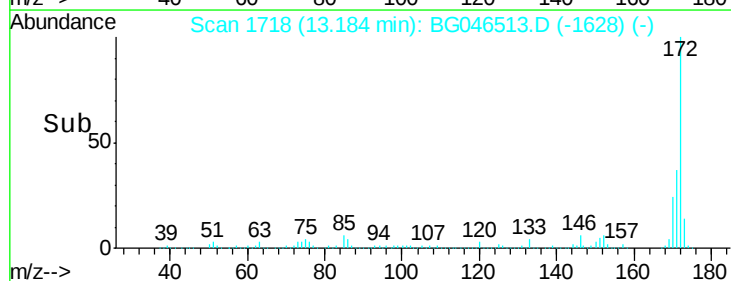
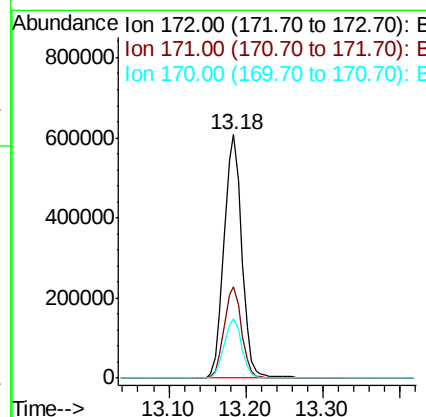
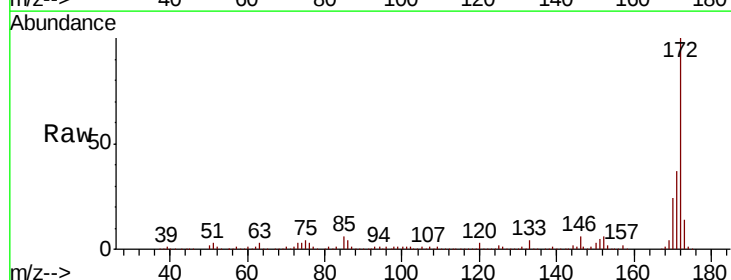
Instrument :
 BNA_G
 ClientSampleId :
 PB131374TB

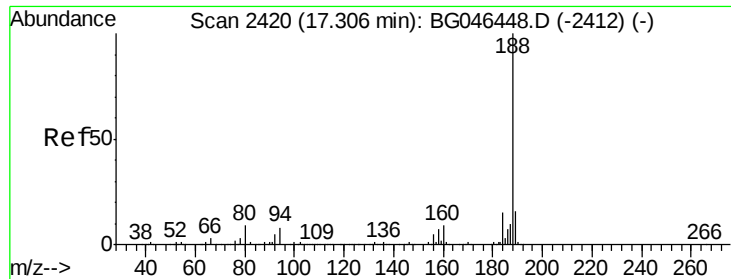
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.1	114.1
141	33.2	26.1	39.1



#45
 2-Fluorobiphenyl
 Concen: 77.095 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046513.D
 Acq: 3 Sep 2020 11:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.8	47.6
170	24.2	20.3	30.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG046513.D

Acq: 3 Sep 2020 11:37

Instrument :

BNA_G

ClientSampleId :

PB131374TB

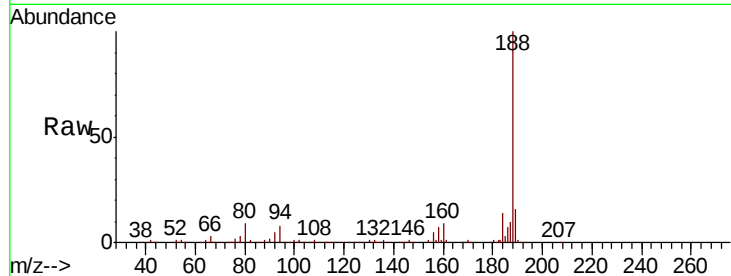
Tot Ion:188 Resp: 463786

Ion Ratio Lower Upper

188 100

94 7.8 6.3 9.5

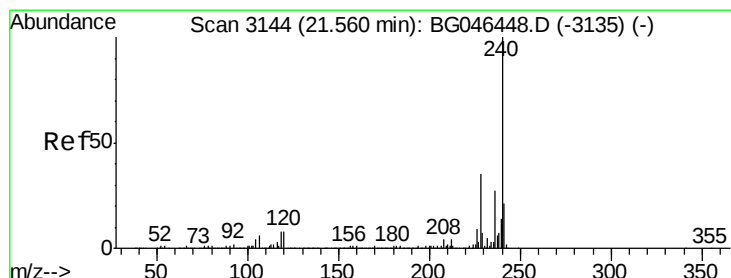
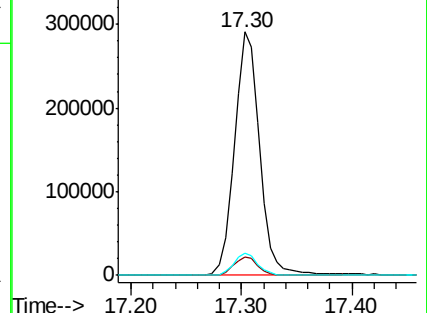
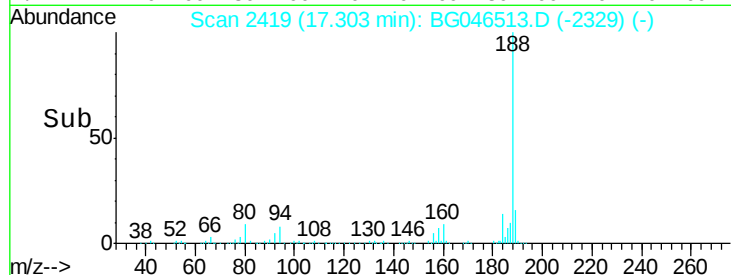
80 8.8 6.9 10.3



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: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046513.D

Acq: 3 Sep 2020 11:37

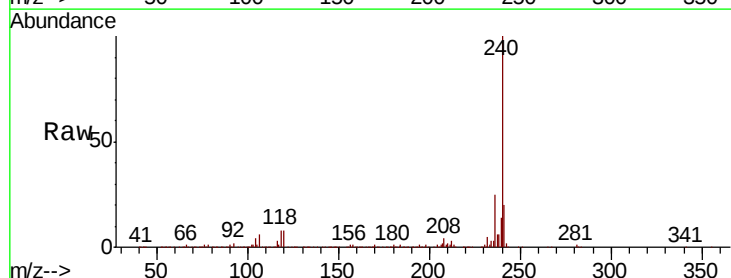
Tgt Ion:240 Resp: 527761

Ion Ratio Lower Upper

240 100

120 8.1 6.6 10.0

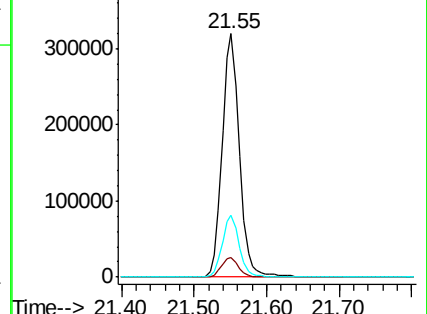
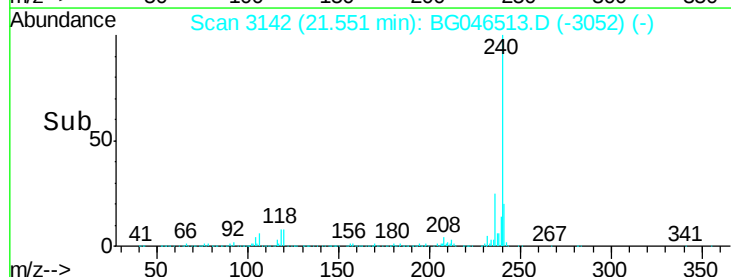
236 25.5 21.4 32.2

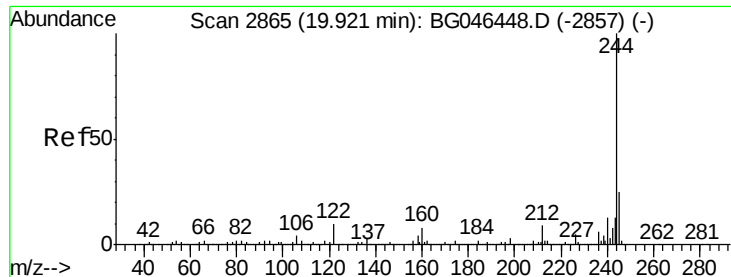


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.647 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046513.D

Acq: 3 Sep 2020 11:37

Instrument :

BNA_G

ClientSampleId :

PB131374TB

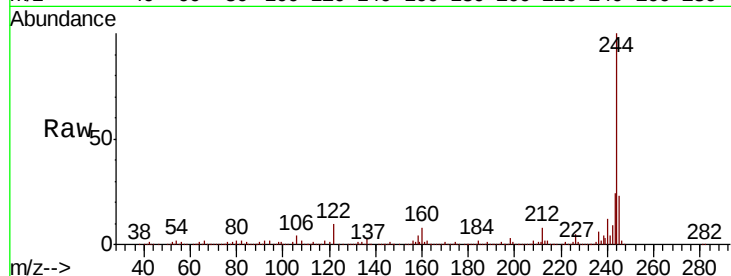
Tot Ion:244 Resp: 1677565

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

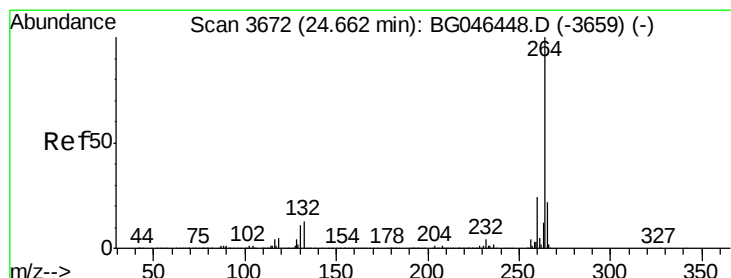
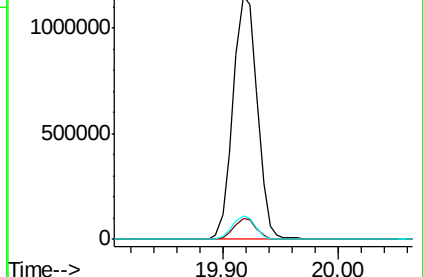
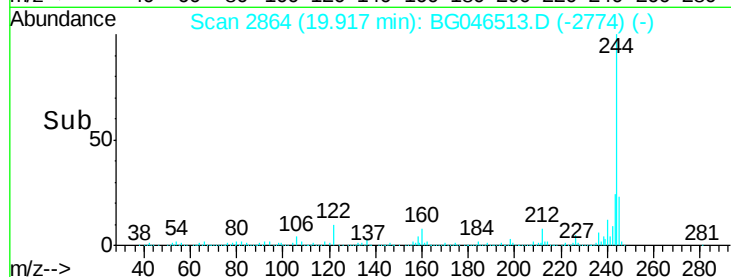
122 9.8 8.2 12.4



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: 24.65 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BG046513.D

Acq: 3 Sep 2020 11:37

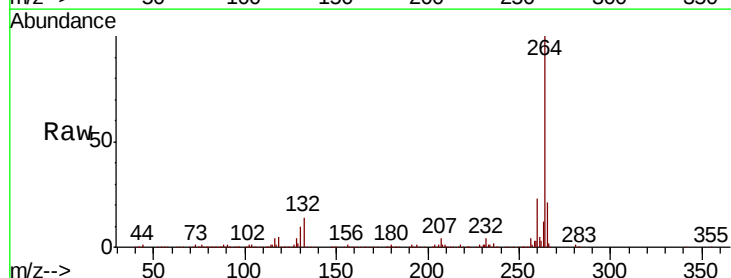
Tgt Ion:264 Resp: 518140

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 20.8 17.9 26.9



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

