

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\
 Data File : BG046502.D
 Acq On : 2 Sep 2020 13:58
 Operator : CG/JU
 Sample : PB131362BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BL

Quant Time: Sep 02 15:17:56 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	79050	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	306745	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	199955	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	475627	20.00	ng	0.00
76) Chrysene-d12	21.55	240	543250	20.00	ng	0.00
86) Perylene-d12	24.65	264	542418	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	756455	169.49	ng	0.00
7) Phenol-d6	7.10	99	935161	147.81	ng	0.00
23) Nitrobenzene-d5	9.08	82	622595	116.01	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	404263	149.22	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1499909	114.51	ng	0.00
79) Terphenyl-d14	19.92	244	2308899	90.45	ng	0.00

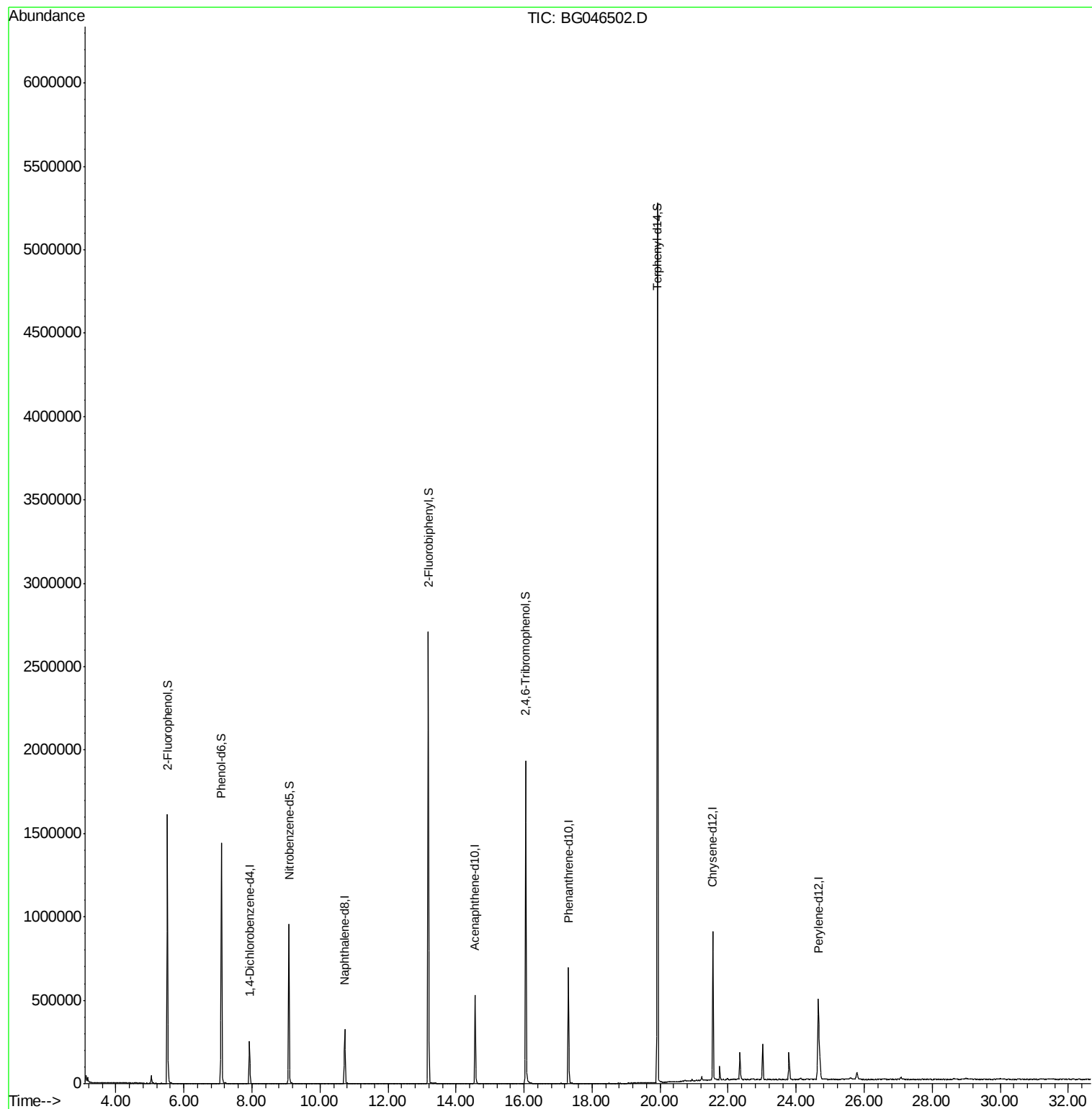
Target Compounds Qvalue

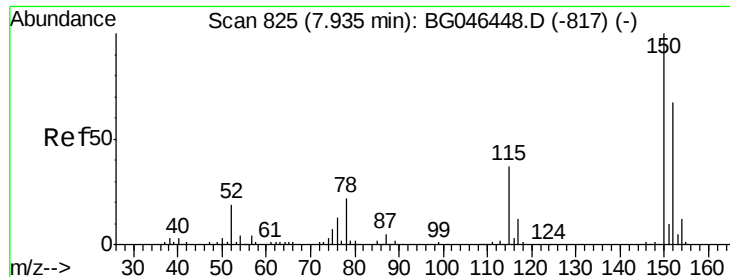
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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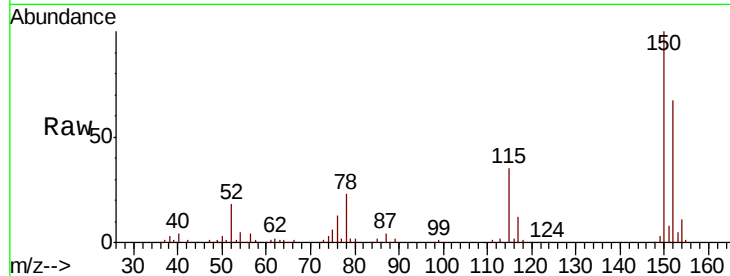


#1

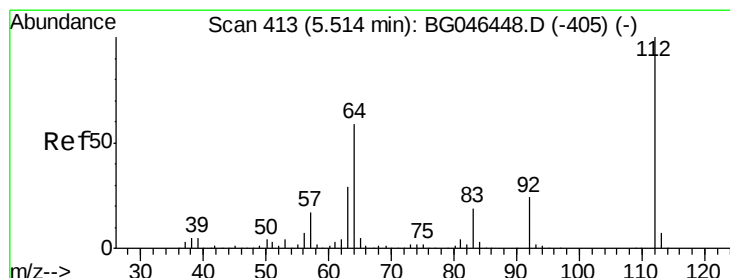
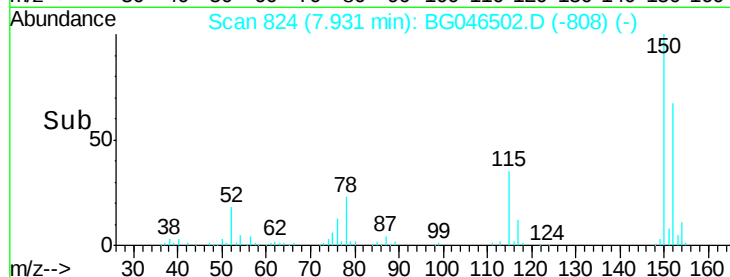
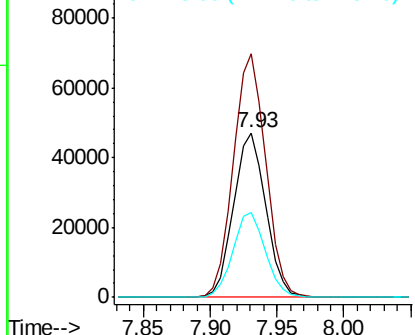
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046502.D
Acq: 2 Sep 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB131362BL

Tot Ion:152 Resp: 79050
Ion Ratio Lower Upper
152 100
150 148.3 119.5 179.3
115 52.1 44.3 66.5



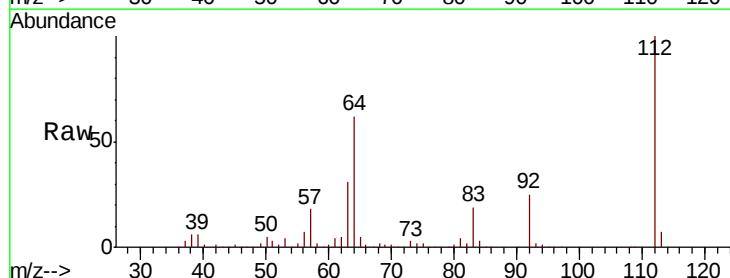
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



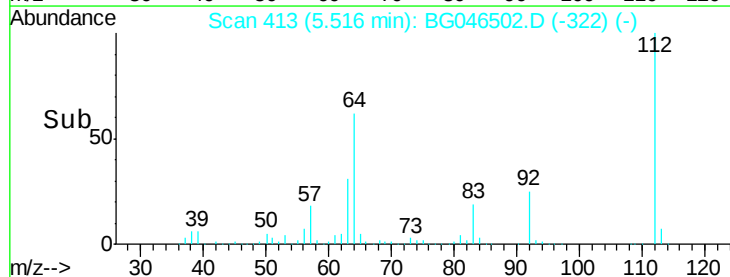
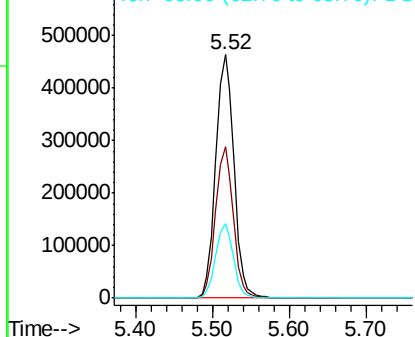
#5

2-Fluorophenol
Concen: 169.490 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046502.D
Acq: 2 Sep 2020 13:58

Tgt Ion:112 Resp: 756455
Ion Ratio Lower Upper
112 100
64 62.0 47.0 70.6
63 30.6 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: 147.806 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046502.D

Acq: 2 Sep 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB131362BL

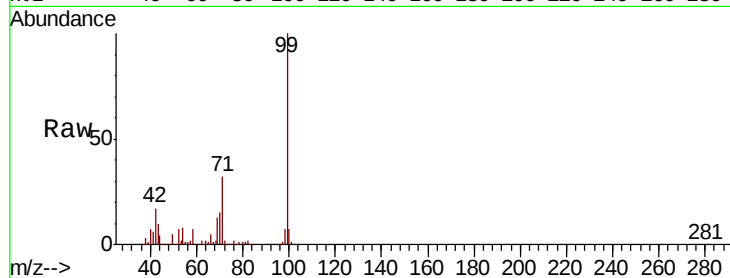
Tot Ion: 99 Resp: 935161

Ion Ratio Lower Upper

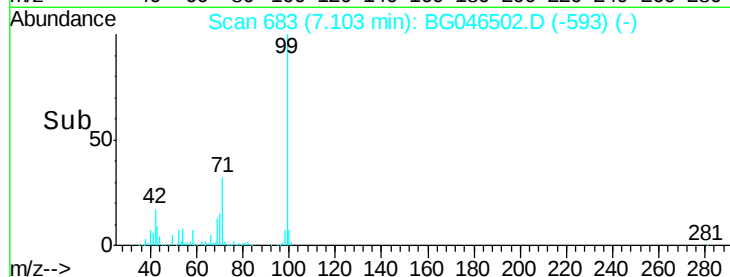
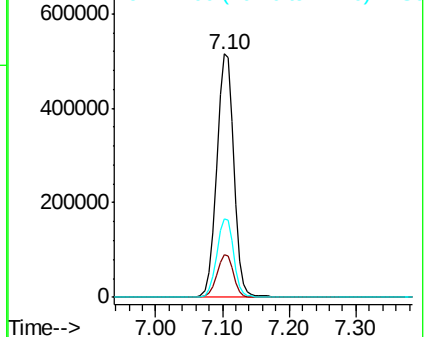
99 100

42 17.4 13.3 19.9

71 32.3 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: BG046502.D

Acq: 2 Sep 2020 13:58

Tgt Ion: 136 Resp: 306745

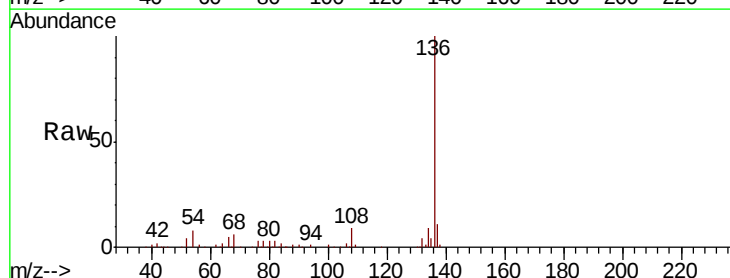
Ion Ratio Lower Upper

136 100

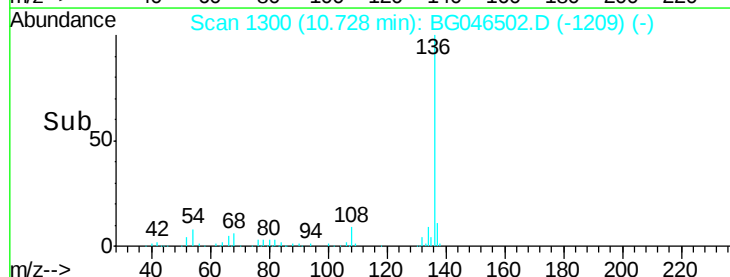
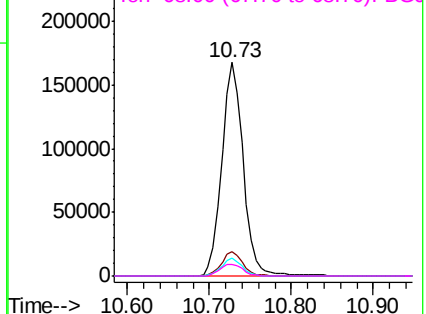
137 11.3 8.8 13.2

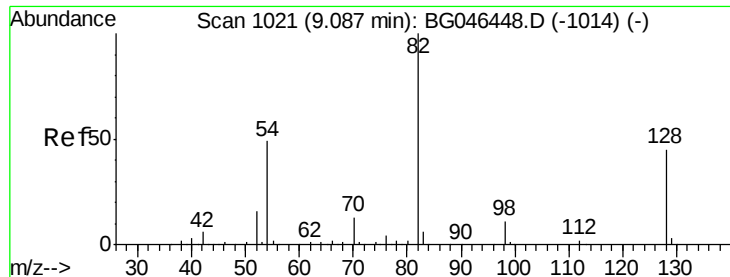
54 8.3 6.1 9.1

68 5.6 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

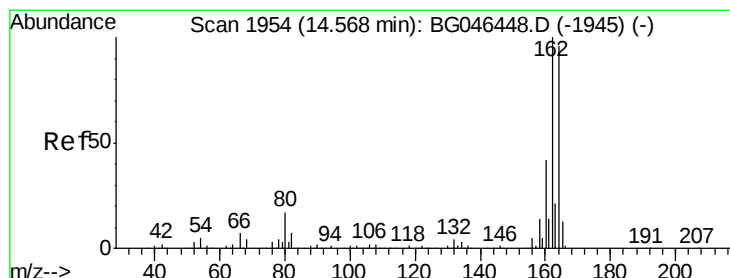
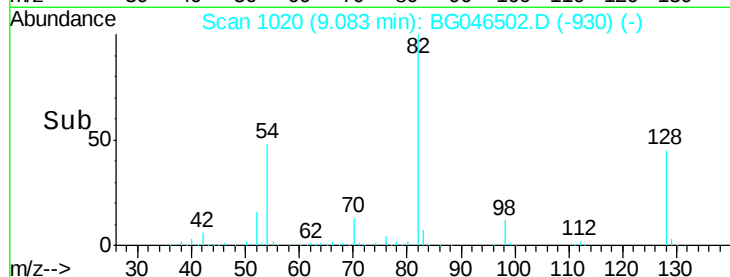
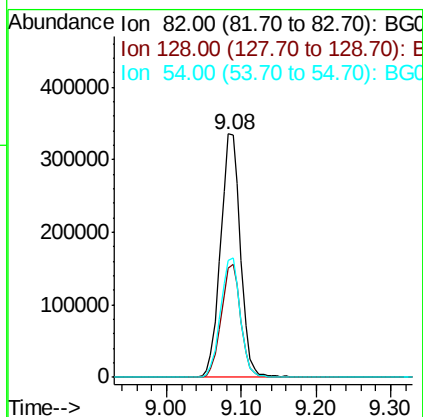
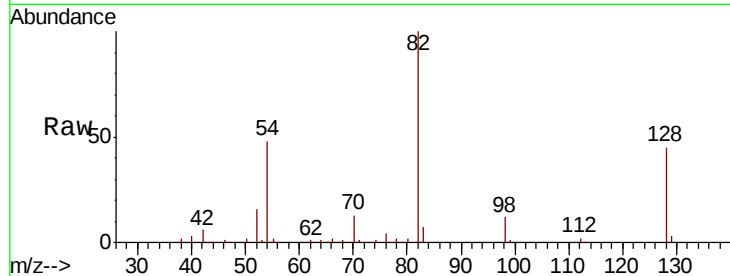




#23
 Nitrobenzene-d5
 Concen: 116.007 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046502.D
 Acq: 2 Sep 2020 13:58

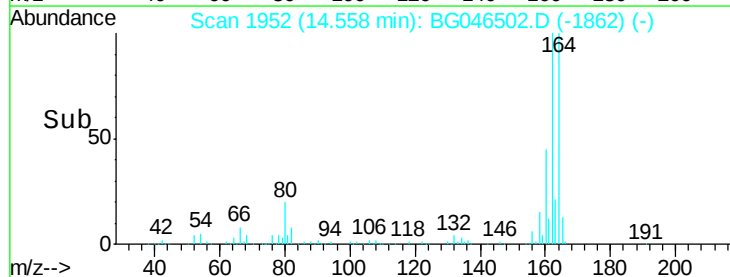
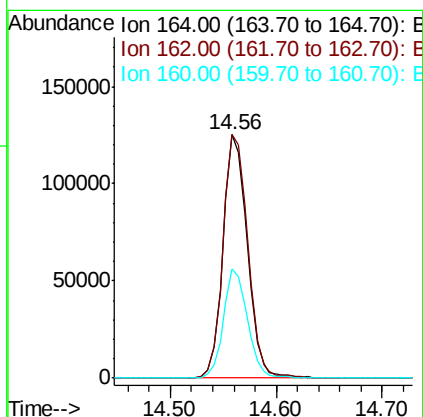
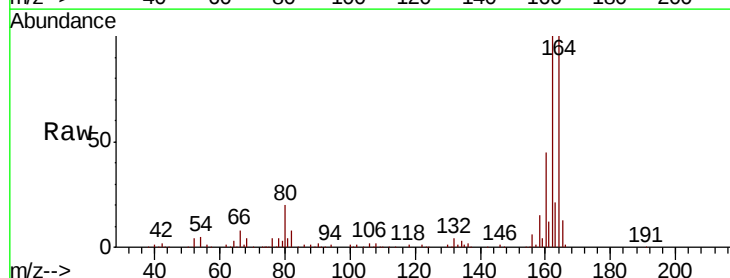
Instrument :
 BNA_G
 ClientSampleId :
 PB131362BL

Tot Ion	82	Resp	622595
Ion Ratio	100		
Lower	35.7		
Upper	53.5		
54	47.8		59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG046502.D
 Acq: 2 Sep 2020 13:58

Tgt Ion	164	Resp	199955
Ion Ratio	100		
Lower	83.3		
Upper	124.9		
162	99.9		52.6
160	44.8		





#42

2,4,6-Tribromophenol

Concen: 149.216 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046502.D

Acq: 2 Sep 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB131362BL

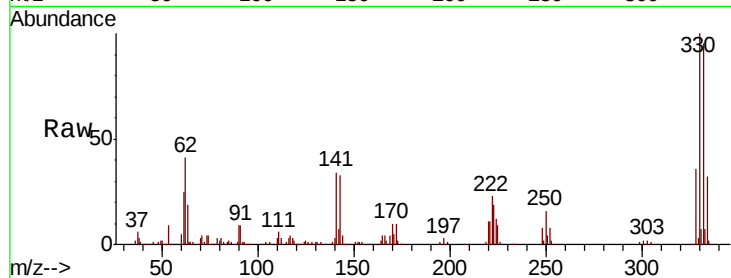
Tot Ion:330 Resp: 404263

Ion Ratio Lower Upper

330 100

332 96.6 76.1 114.1

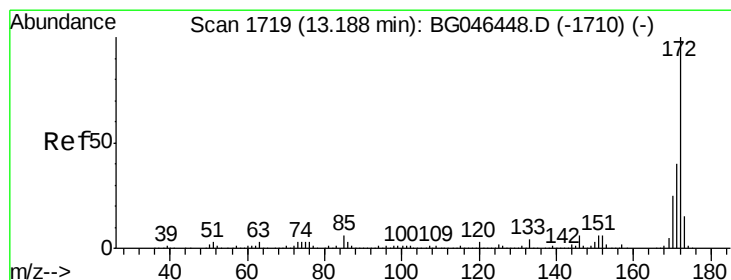
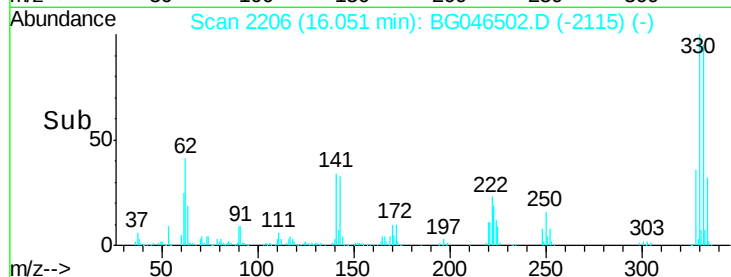
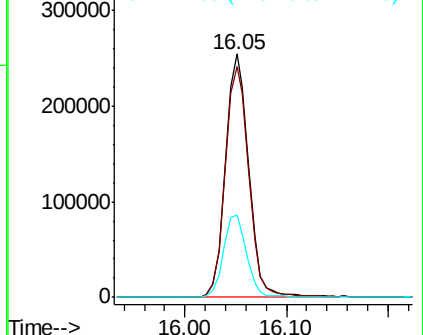
141 34.0 26.1 39.1



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: 114.511 ng

RT: 13.18 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BG046502.D

Acq: 2 Sep 2020 13:58

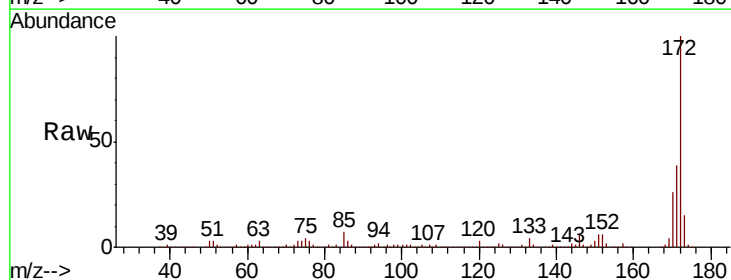
Tgt Ion:172 Resp: 1499909

Ion Ratio Lower Upper

172 100

171 39.1 31.8 47.6

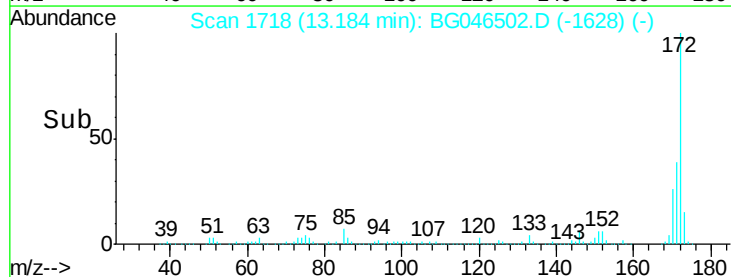
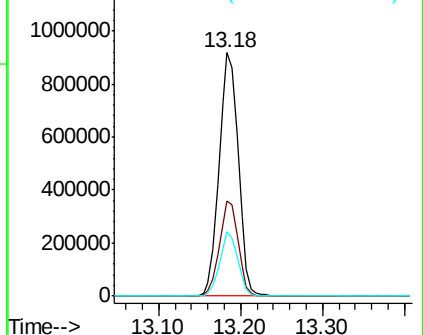
170 26.2 20.3 30.5

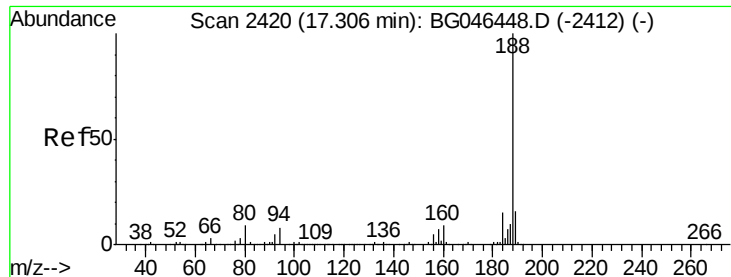


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG046502.D

Acq: 2 Sep 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB131362BL

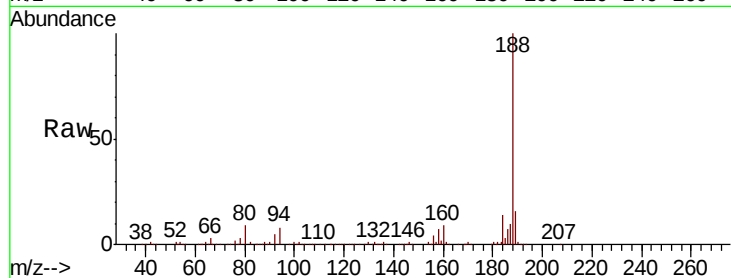
Tot Ion:188 Resp: 475627

Ion Ratio Lower Upper

188 100

94 8.2 6.3 9.5

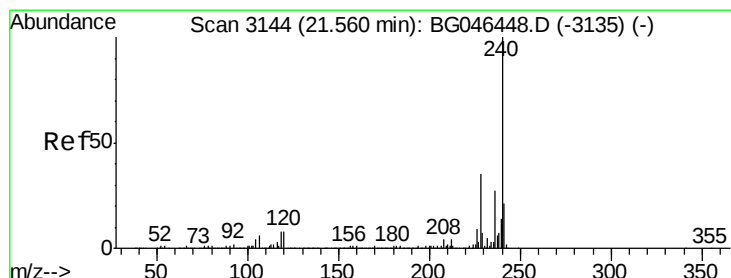
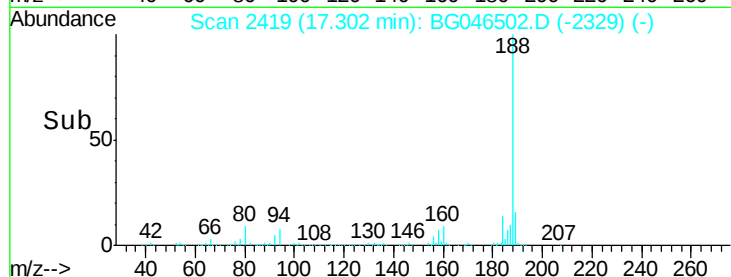
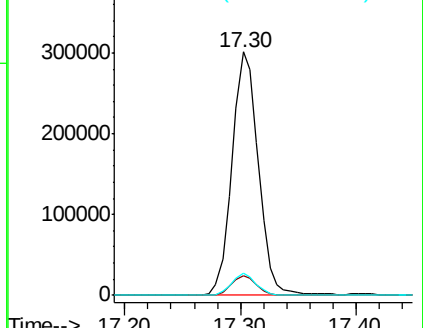
80 9.0 6.9 10.3



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: BG046502.D

Acq: 2 Sep 2020 13:58

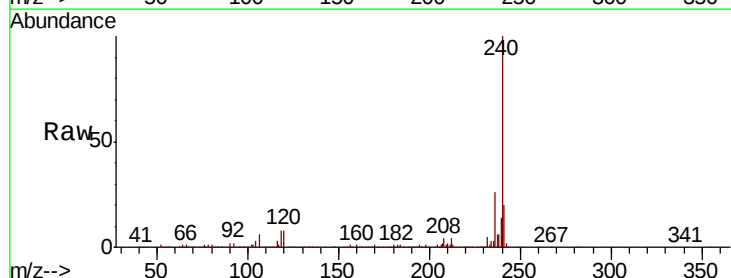
Tgt Ion:240 Resp: 543250

Ion Ratio Lower Upper

240 100

120 8.2 6.6 10.0

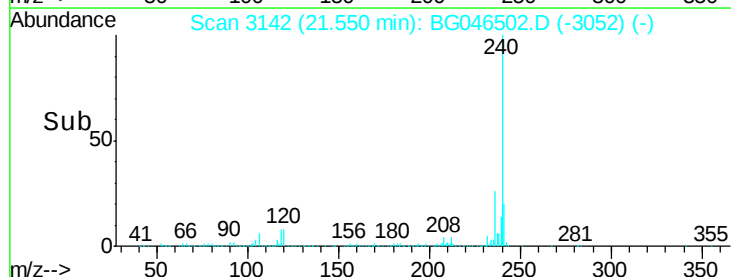
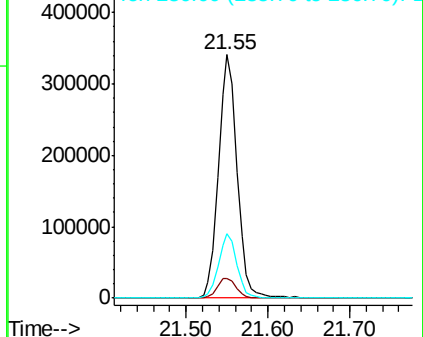
236 26.4 21.4 32.2

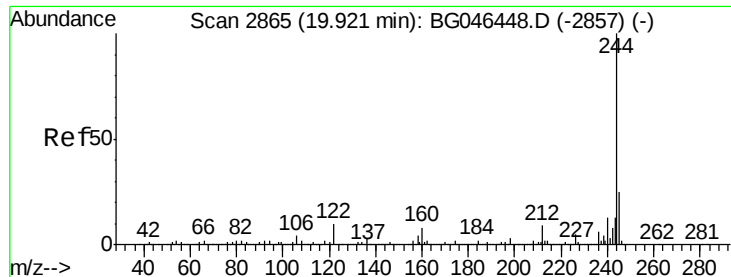


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.451 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046502.D

Acq: 2 Sep 2020 13:58

Instrument :

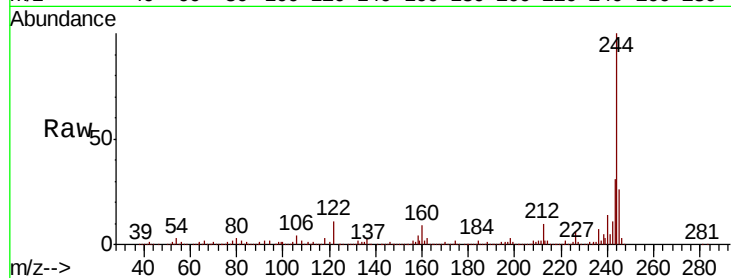
BNA_G

ClientSampleId :

PB131362BL

Tot Ion:244 Resp: 2308899

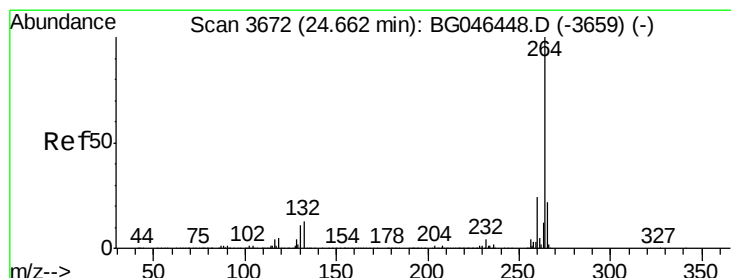
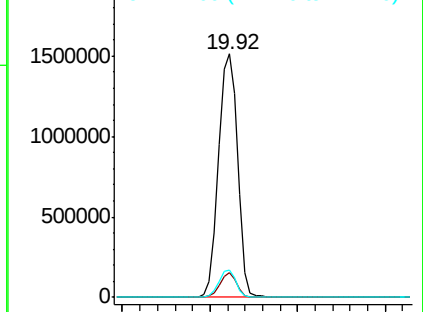
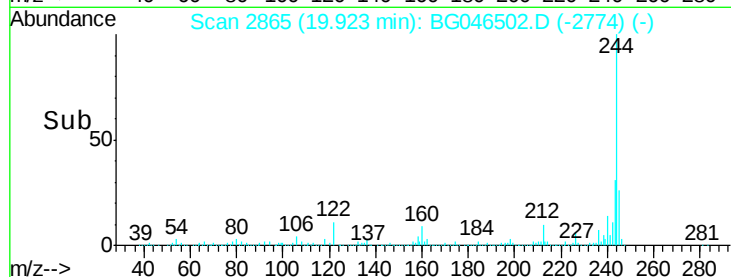
Ion	Ratio	Lower	Upper
244	100		
212	10.1	6.9	10.3
122	11.2	8.2	12.4



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

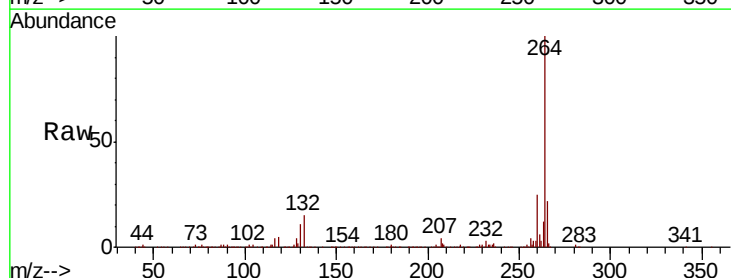
Delta R.T. -0.00 min

Lab File: BG046502.D

Acq: 2 Sep 2020 13:58

Tgt Ion:264 Resp: 542418

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.7	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

