

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
 Data File : BG046553.D
 Acq On : 8 Sep 2020 11:30
 Operator : CG/JU
 Sample : PB131426BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131426BL

Quant Time: Sep 08 12:43:59 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	83044	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	337488	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	232063	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	547127	20.00	ng	0.00
76) Chrysene-d12	21.55	240	531132	20.00	ng	0.00
86) Perylene-d12	24.65	264	522781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	562317	119.93	ng	0.00
7) Phenol-d6	7.11	99	724456	109.00	ng	0.00
23) Nitrobenzene-d5	9.09	82	485767	82.27	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	344602	109.60	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1290009	84.86	ng	0.00
79) Terphenyl-d14	19.92	244	1896674	76.00	ng	0.00

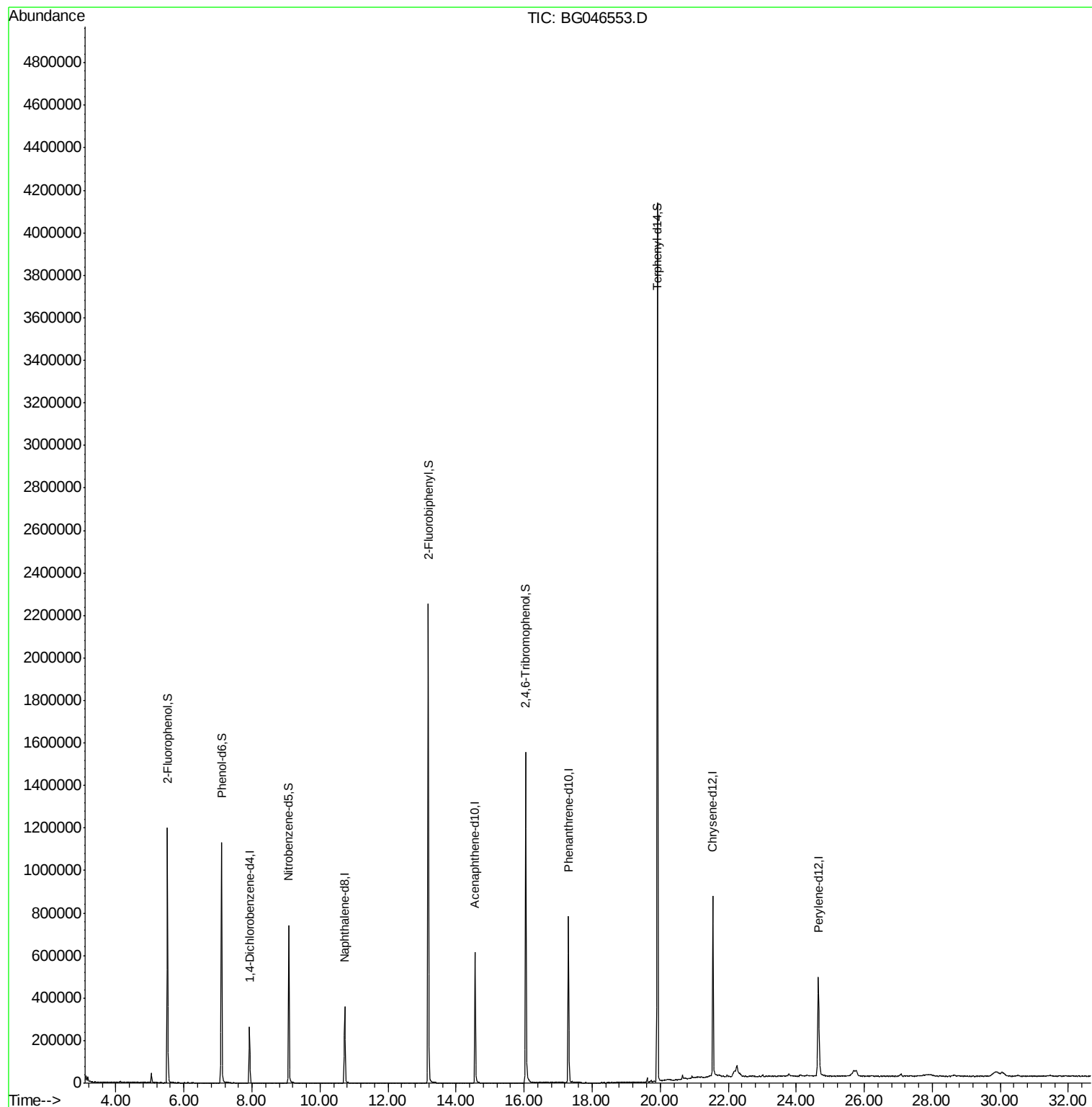
Target Compounds Qvalue

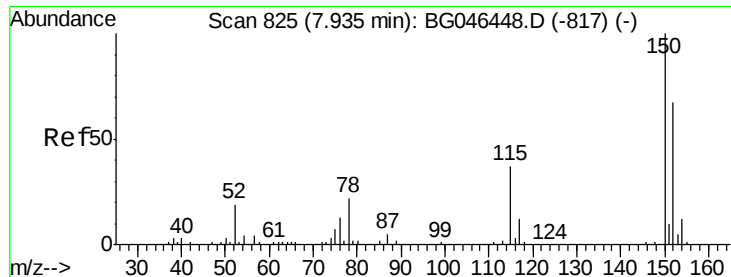
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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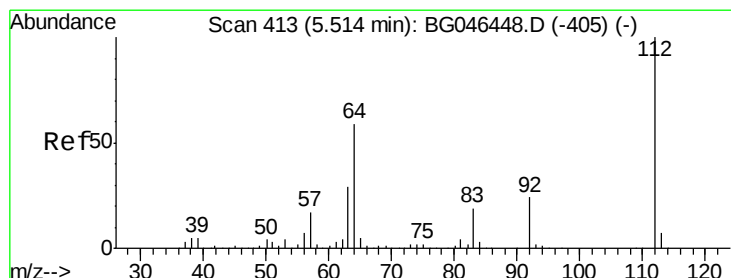
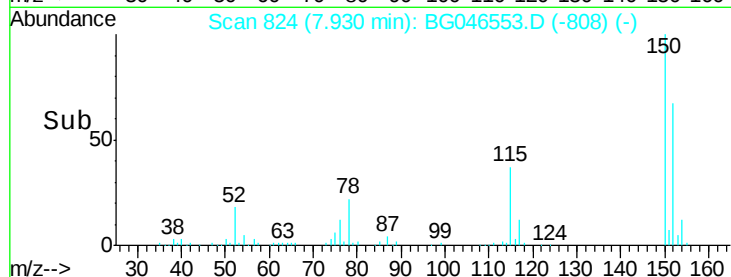
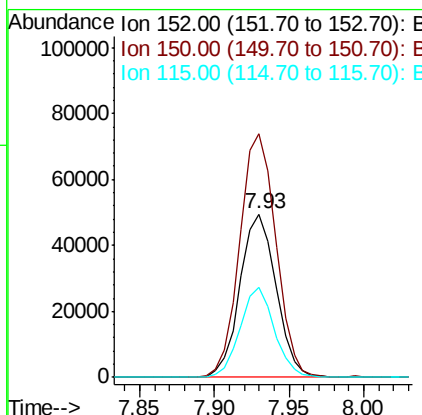
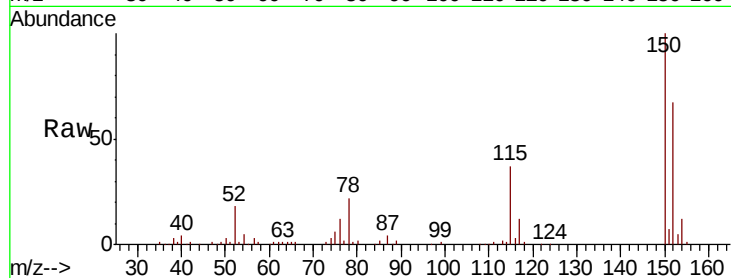


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046553.D
Acq: 8 Sep 2020 11:30

Instrument :
BNA_G
ClientSampleId :
PB131426BL

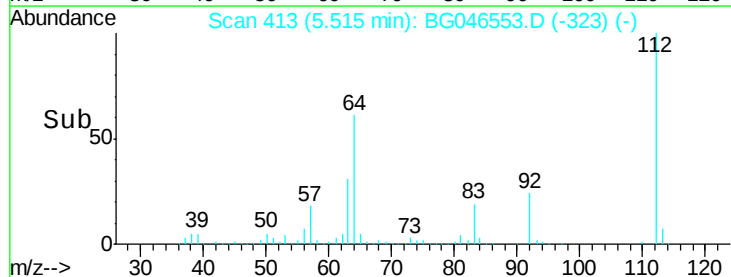
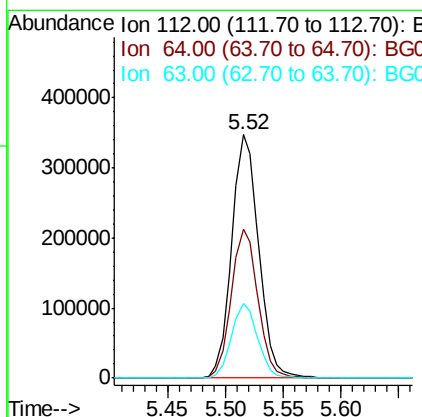
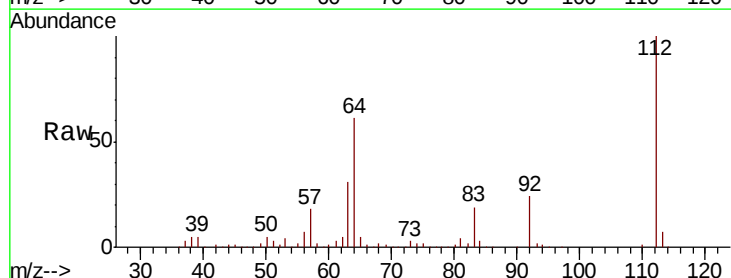
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	119.5	179.3
115	54.8	44.3	66.5



#5

2-Fluorophenol
Concen: 119.933 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046553.D
Acq: 8 Sep 2020 11:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.0	70.6
63	30.5	23.5	35.3





#7

Phenol-d6

Concen: 108.997 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046553.D

Acq: 8 Sep 2020 11:30

Instrument :

BNA_G

ClientSampleId :

PB131426BL

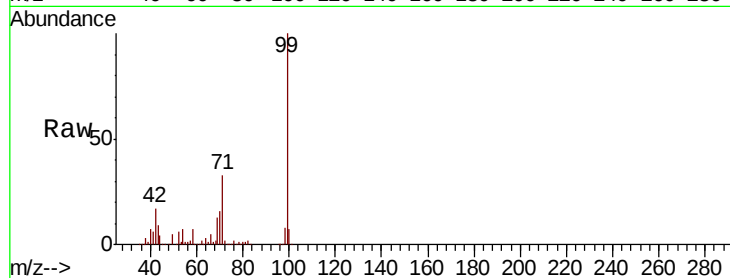
Tot Ion: 99 Resp: 724456

Ion Ratio Lower Upper

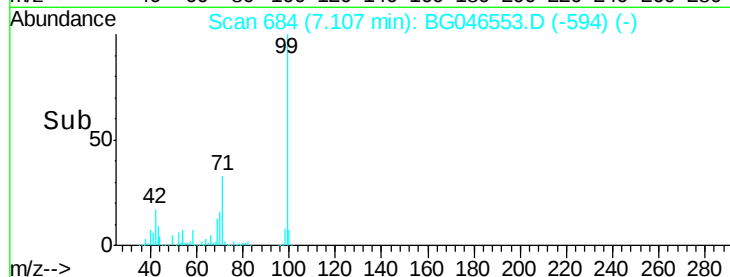
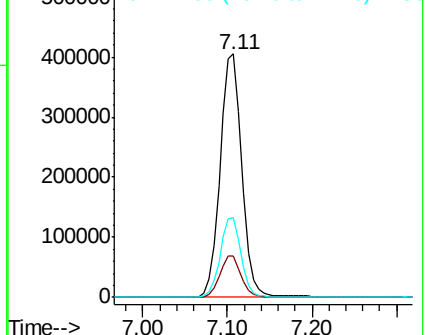
99 100

42 16.8 13.3 19.9

71 32.6 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: BG046553.D

Acq: 8 Sep 2020 11:30

Tgt Ion: 136 Resp: 337488

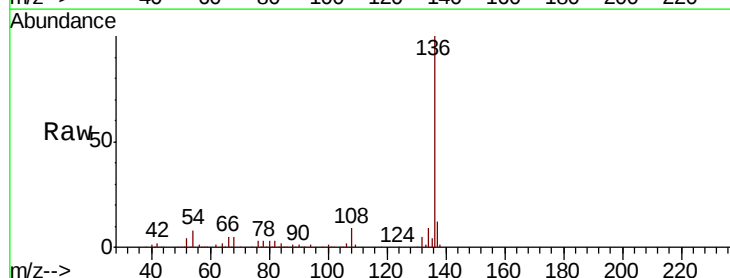
Ion Ratio Lower Upper

136 100

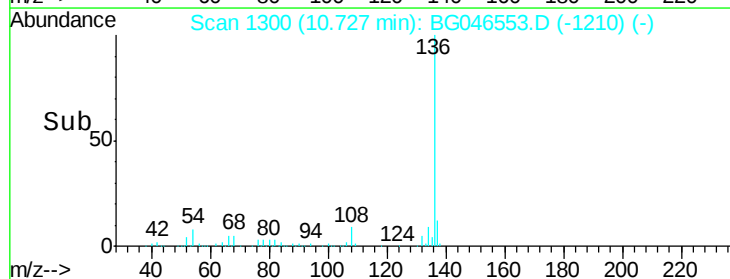
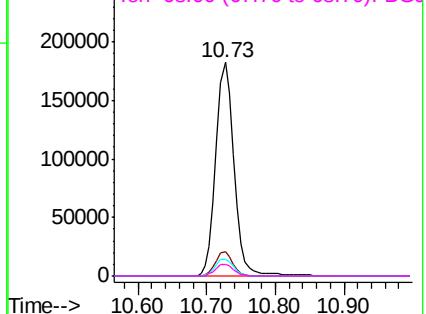
137 11.5 8.8 13.2

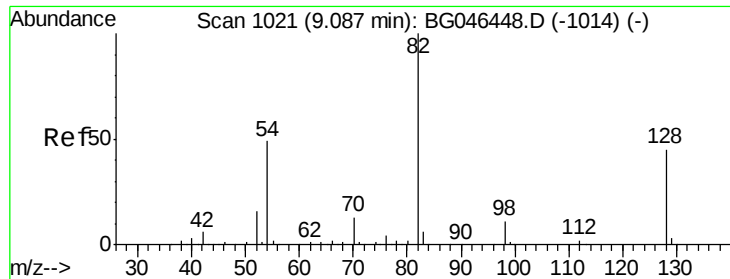
54 7.9 6.1 9.1

68 5.5 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

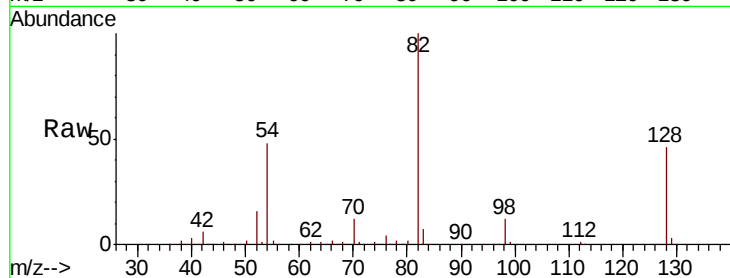




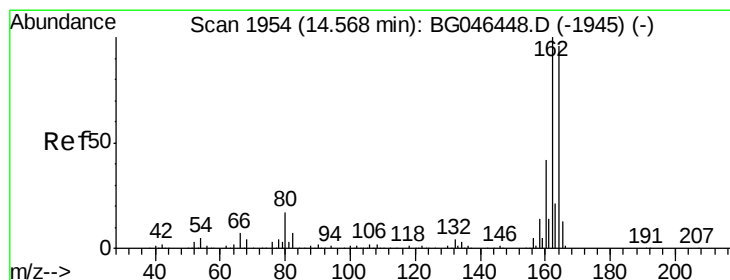
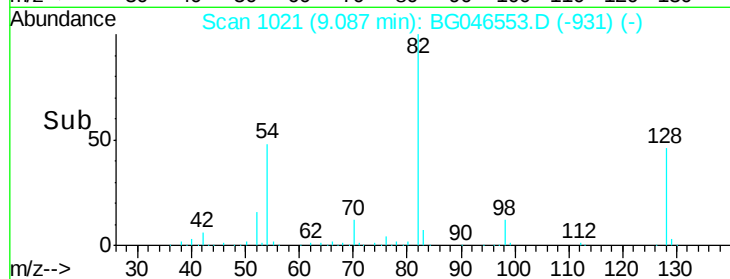
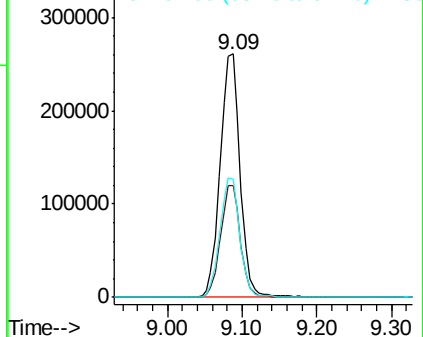
#23
 Nitrobenzene-d5
 Concen: 82.267 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG046553.D
 Acq: 8 Sep 2020 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB131426BL

Tot Ion	82	Resp	485767
Ion Ratio	100	Lower	Upper
128	45.8	35.7	53.5
54	48.5	39.4	59.0

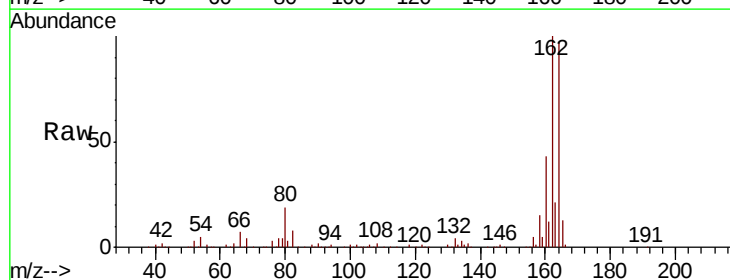


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

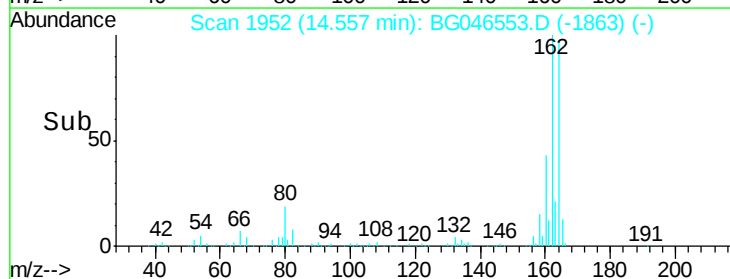
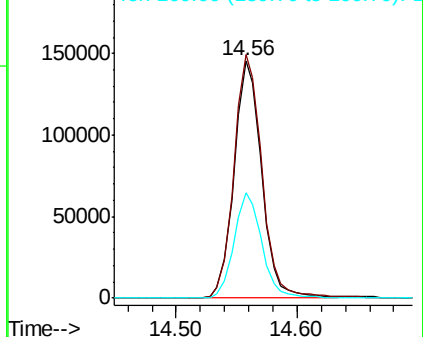


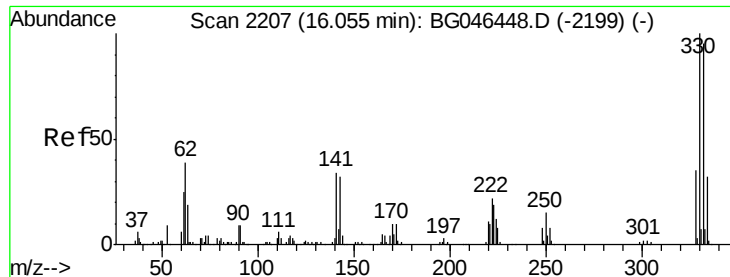
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG046553.D
 Acq: 8 Sep 2020 11:30

Tgt Ion	164	Resp	232063
Ion Ratio	100	Lower	Upper
162	102.6	83.3	124.9
160	44.2	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: 109.596 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046553.D

Acq: 8 Sep 2020 11:30

Instrument :

BNA_G

ClientSampled :

PB131426BL

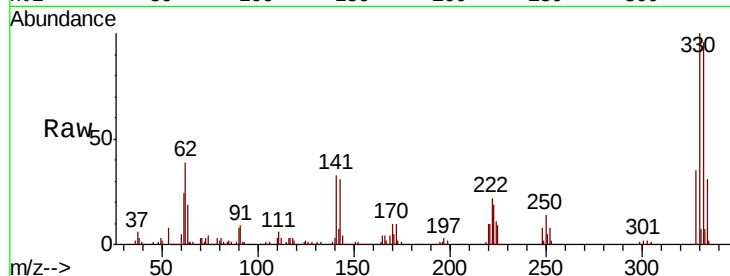
Tot Ion:330 Resp: 344602

Ion Ratio Lower Upper

330 100

332 95.5 76.1 114.1

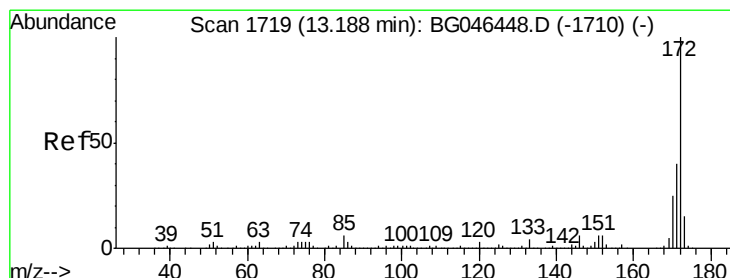
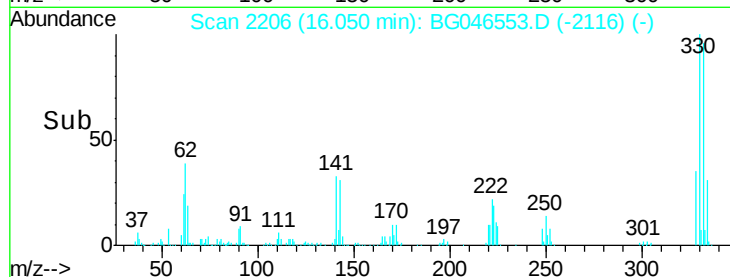
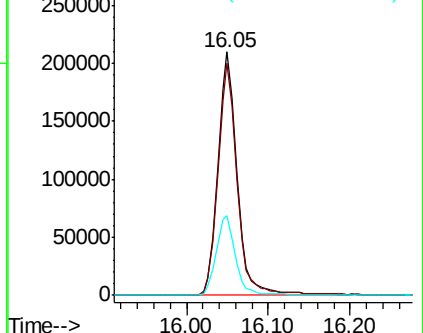
141 33.0 26.1 39.1



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: 84.860 ng

RT: 13.18 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BG046553.D

Acq: 8 Sep 2020 11:30

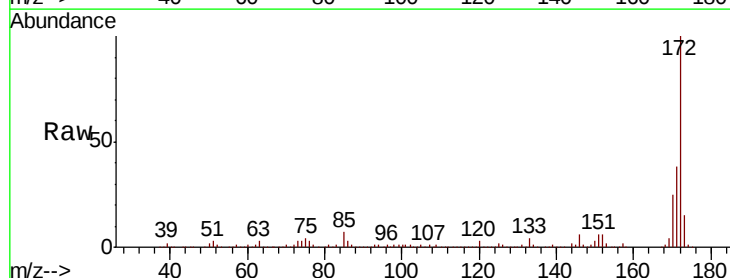
Tgt Ion:172 Resp: 1290009

Ion Ratio Lower Upper

172 100

171 38.3 31.8 47.6

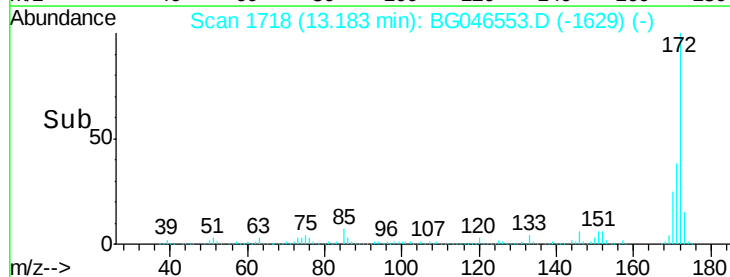
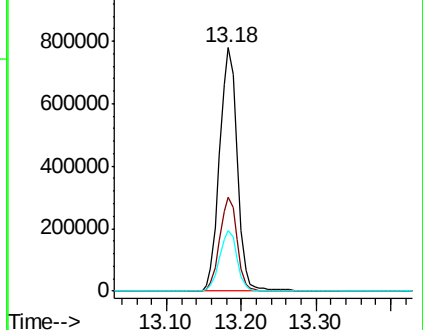
170 25.0 20.3 30.5

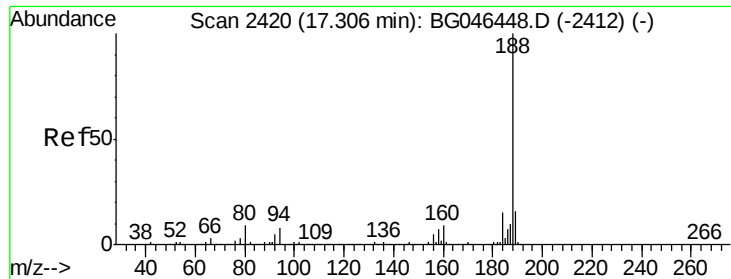


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

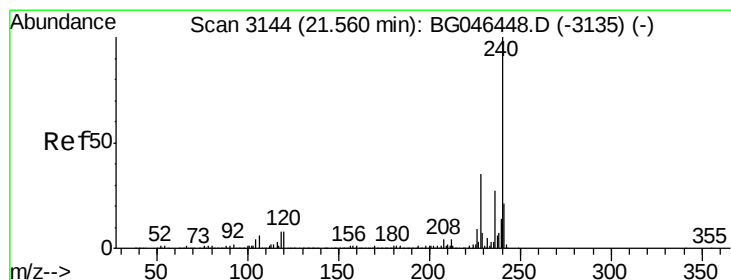
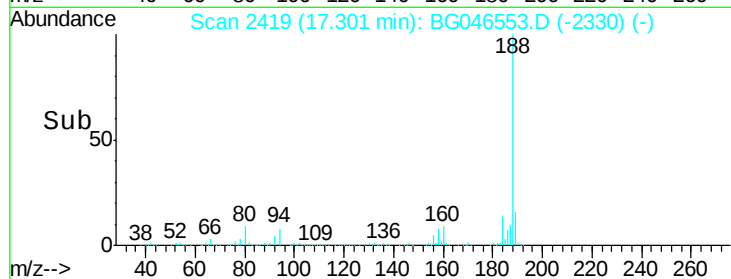
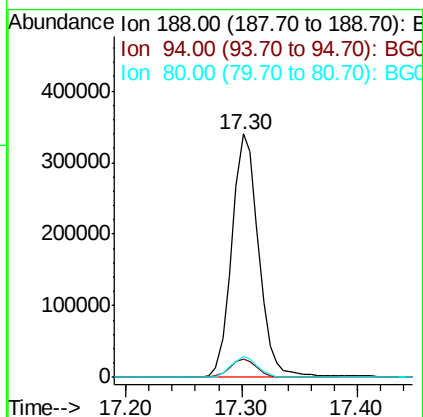
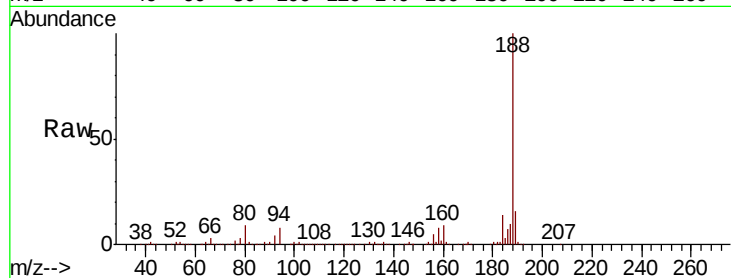




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046553.D
Acq: 8 Sep 2020 11:30

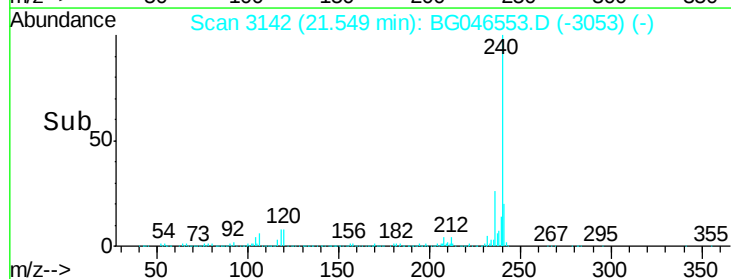
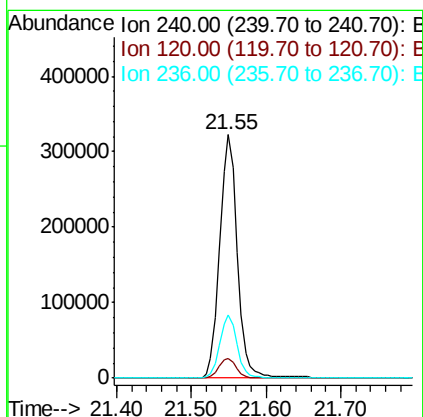
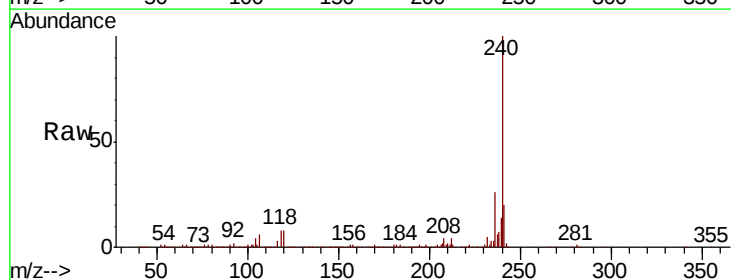
Instrument :
BNA_G
ClientSampleId :
PB131426BL

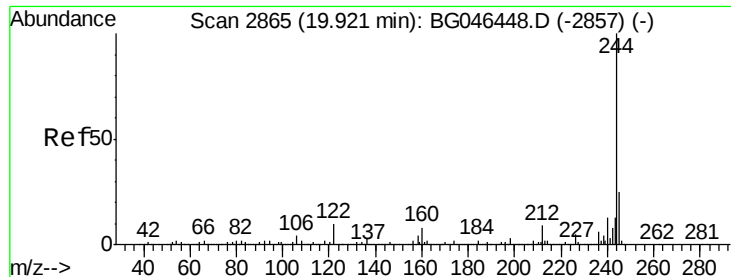
Tot Ion:188 Resp: 547127
Ion Ratio Lower Upper
188 100
94 7.6 6.3 9.5
80 8.5 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046553.D
Acq: 8 Sep 2020 11:30

Tgt Ion:240 Resp: 531132
Ion Ratio Lower Upper
240 100
120 8.2 6.6 10.0
236 26.1 21.4 32.2





#79

Terphenyl-d14

Concen: 75.997 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046553.D

Acq: 8 Sep 2020 11:30

Instrument :

BNA_G

ClientSampleId :

PB131426BL

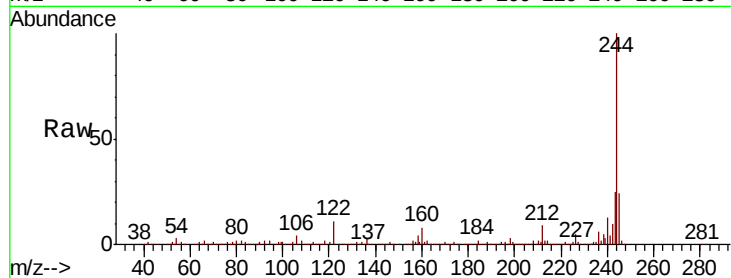
Tot Ion:244 Resp: 1896674

Ion Ratio Lower Upper

244 100

212 9.2 6.9 10.3

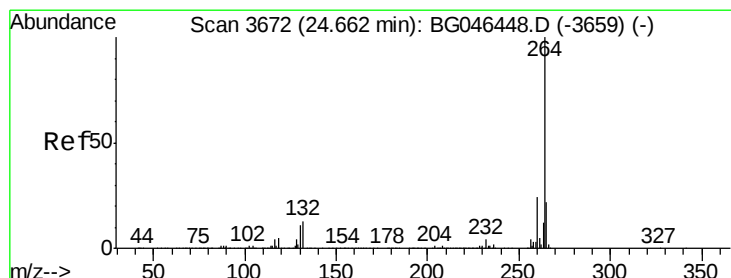
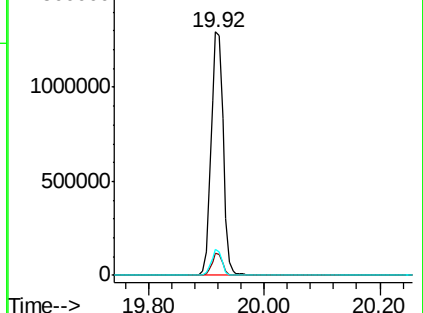
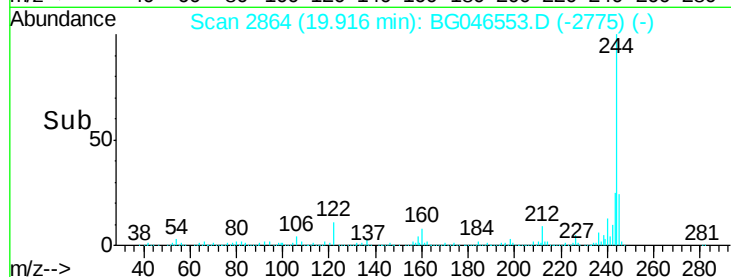
122 10.5 8.2 12.4



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: BG046553.D

Acq: 8 Sep 2020 11:30

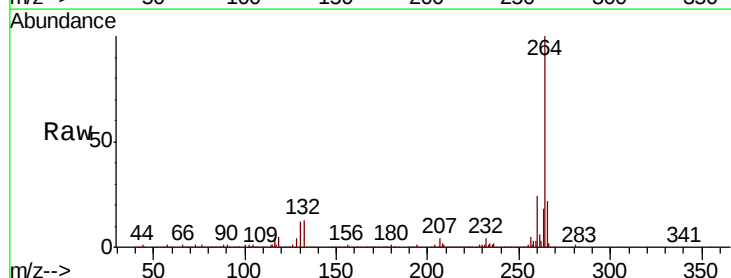
Tgt Ion:264 Resp: 522781

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.8 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

