

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082520\
 Data File : BG046453.D
 Acq On : 25 Aug 2020 18:11
 Operator : CG/JU
 Sample : PB131184BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131184BL

Quant Time: Aug 25 18:53:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 18:00:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	62092	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	249011	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	166313	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	436885	20.00	ng	0.00
76) Chrysene-d12	21.55	240	547087	20.00	ng	0.00
86) Perylene-d12	24.66	264	550758	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	420738	120.02	ng	0.00
7) Phenol-d6	7.11	99	531012	106.85	ng	0.00
23) Nitrobenzene-d5	9.09	82	343382	78.82	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	245211	108.82	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	884841	81.22	ng	0.00
79) Terphenyl-d14	19.92	244	1778552	69.19	ng	0.00

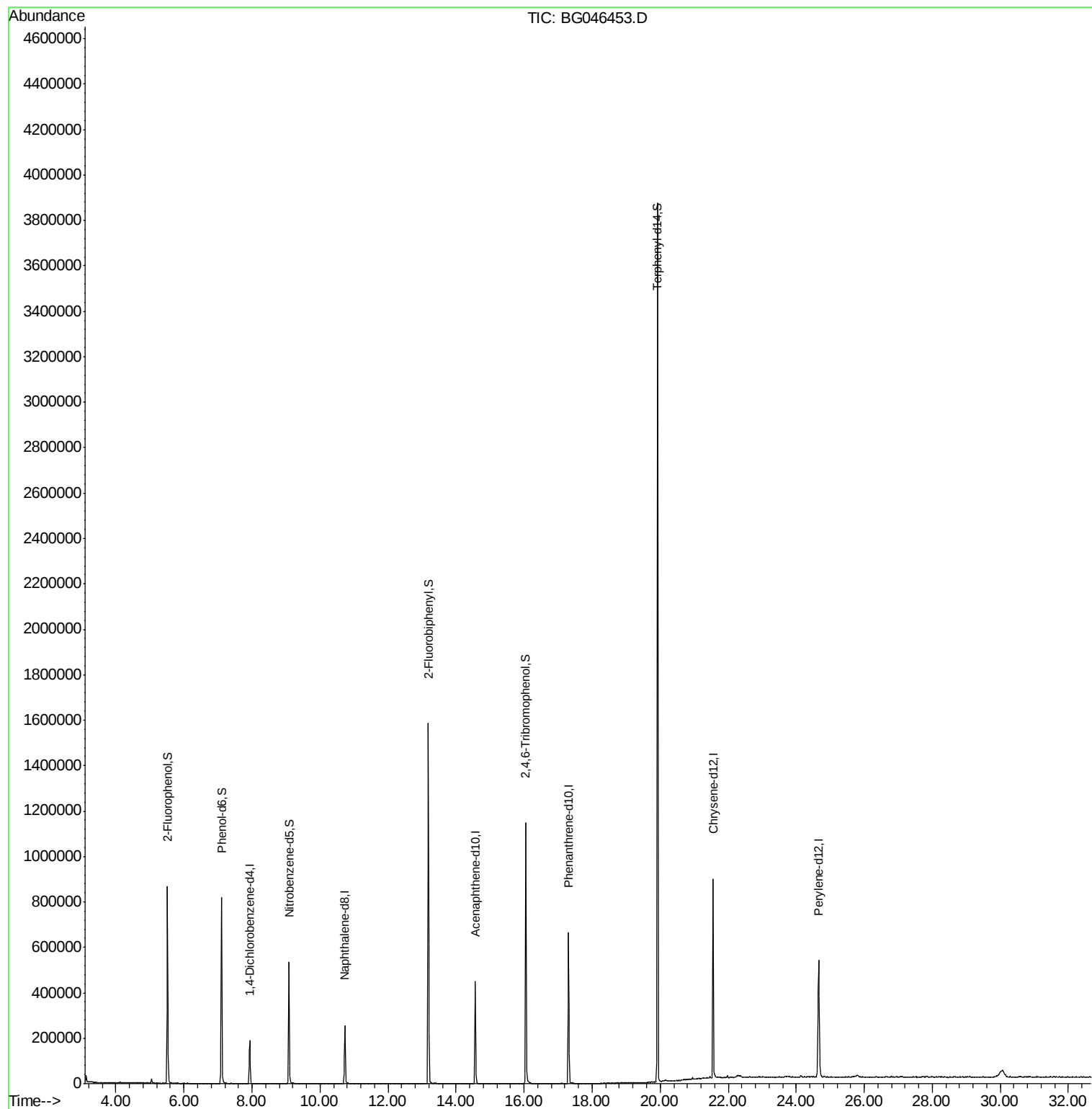
Target Compounds Qvalue

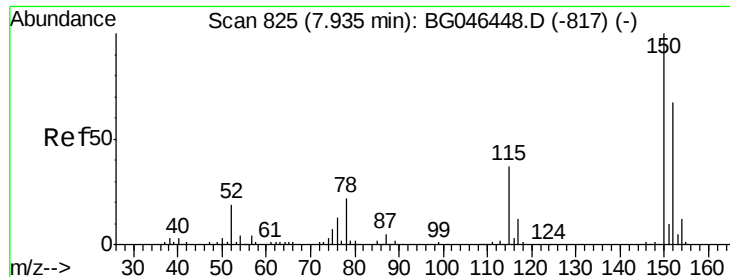
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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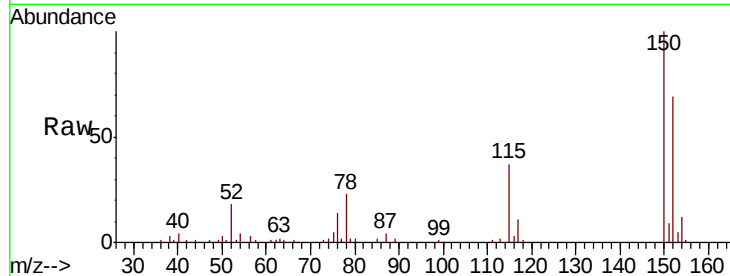


#1

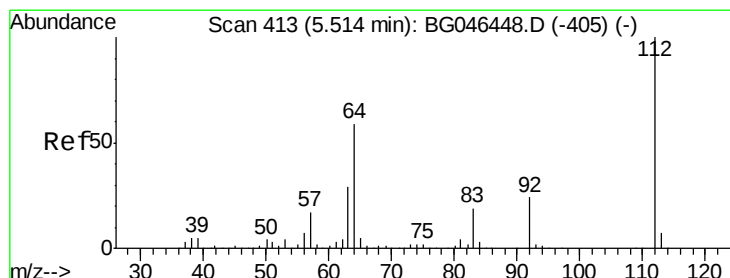
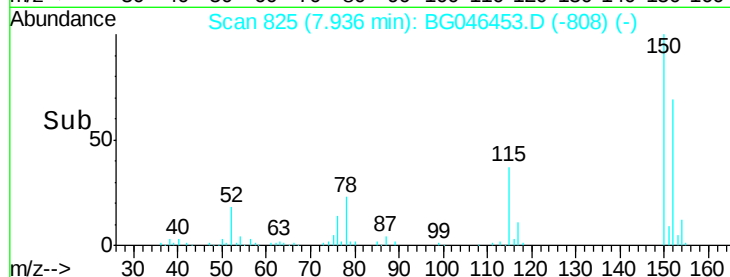
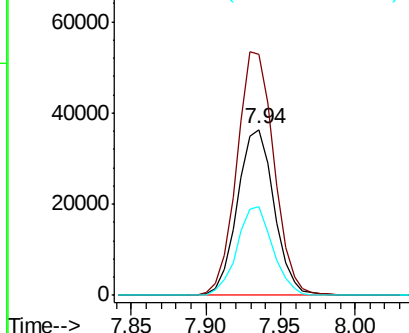
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BG046453.D
Acq: 25 Aug 2020 18:11

Instrument :
BNA_G
ClientSampleId :
PB131184BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.2	119.5	179.3
115	53.7	44.3	66.5



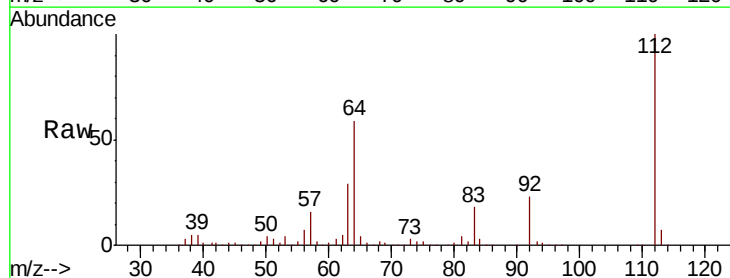
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



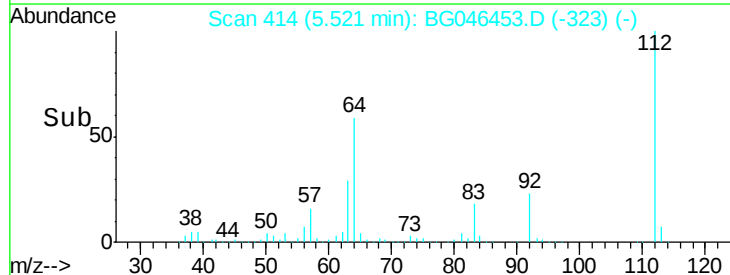
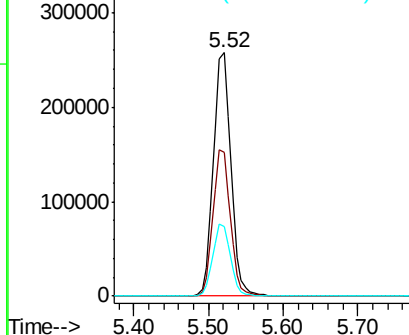
#5

2-Fluorophenol
Concen: 120.016 ng
RT: 5.52 min Scan# 414
Delta R.T. 0.01 min
Lab File: BG046453.D
Acq: 25 Aug 2020 18:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.0	70.6
63	28.6	23.5	35.3



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: 106.851 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046453.D

Acq: 25 Aug 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB131184BL

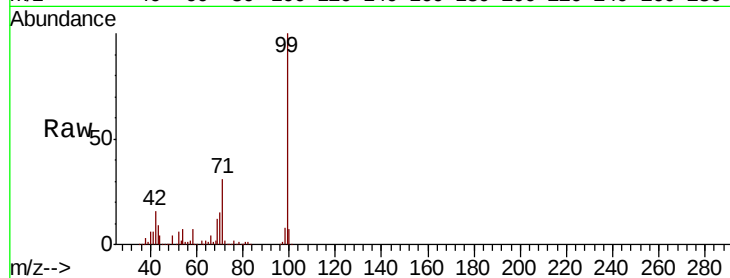
Tot Ion: 99 Resp: 531012

Ion Ratio Lower Upper

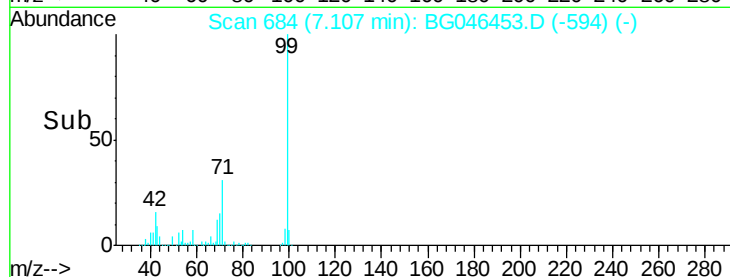
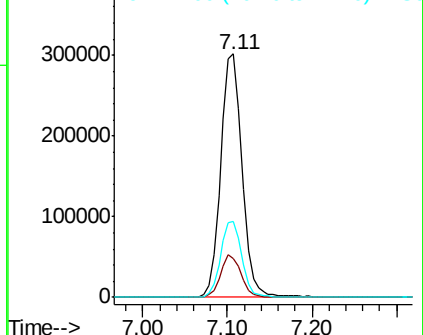
99 100

42 16.2 13.3 19.9

71 31.0 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# 1301

Delta R.T. 0.00 min

Lab File: BG046453.D

Acq: 25 Aug 2020 18:11

Tgt Ion: 136 Resp: 249011

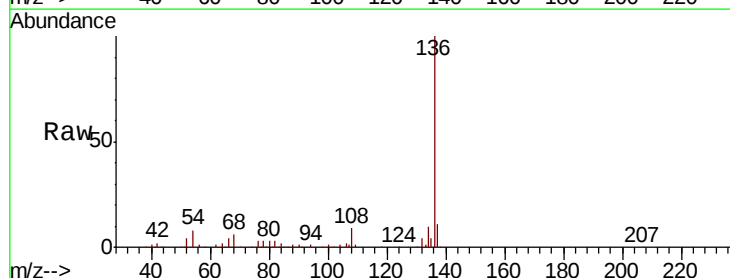
Ion Ratio Lower Upper

136 100

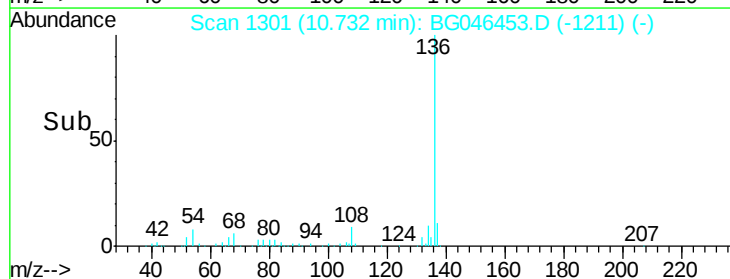
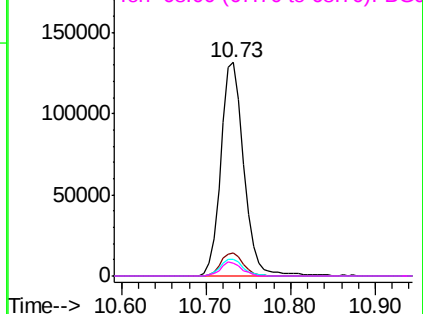
137 11.0 8.8 13.2

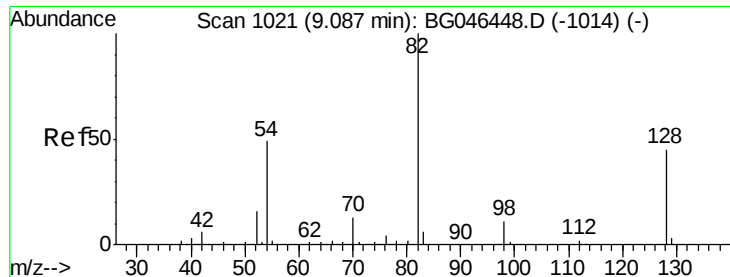
54 7.8 6.1 9.1

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

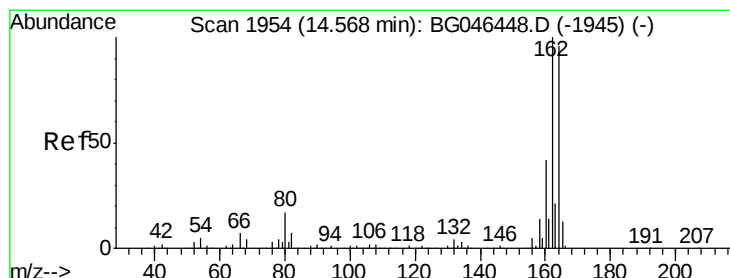
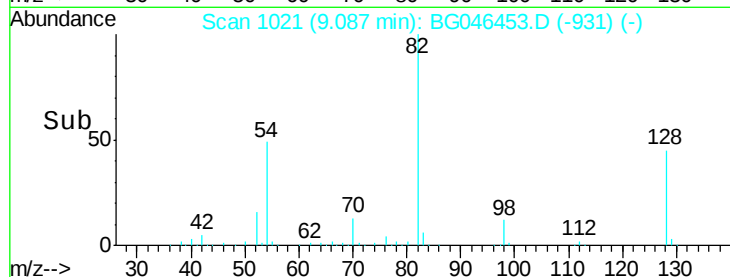
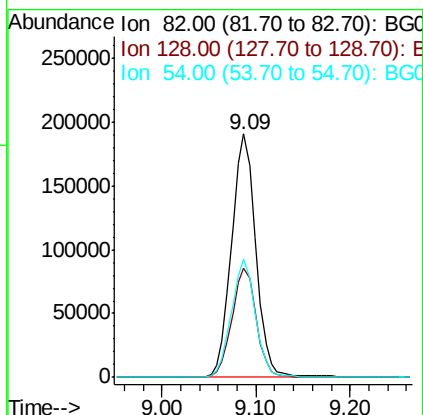
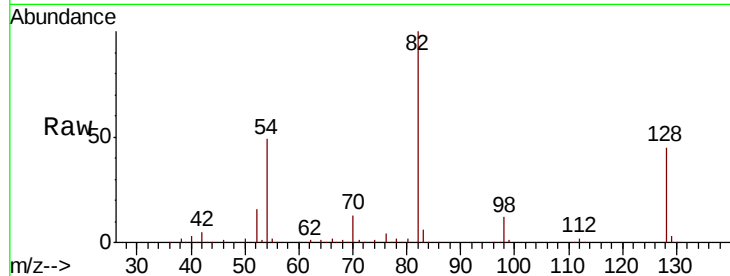




#23
Nitrobenzene-d5
Concen: 78.816 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG046453.D
Acq: 25 Aug 2020 18:11

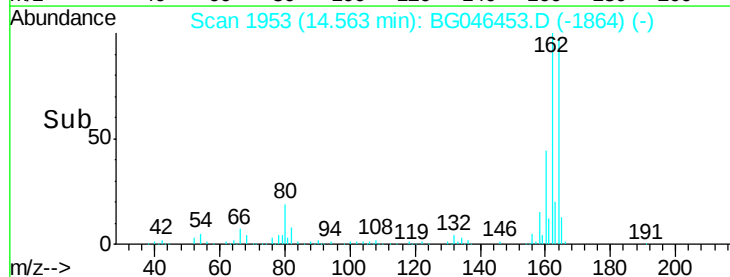
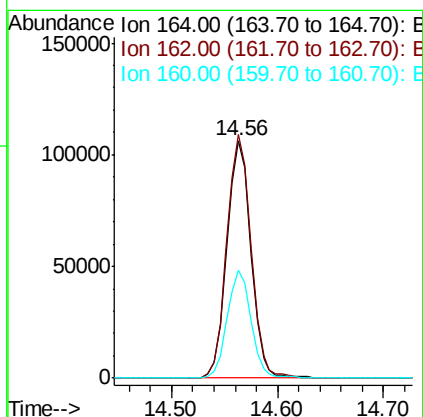
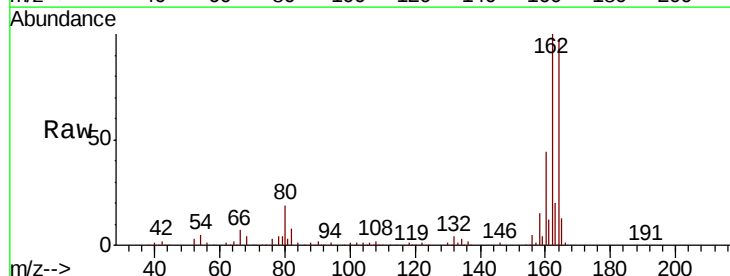
Instrument :
BNA_G
ClientSampleId :
PB131184BL

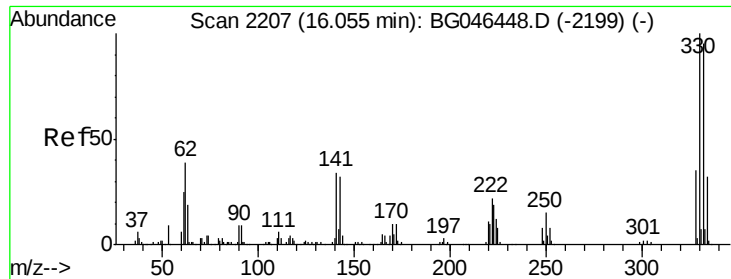
Tot Ion: 82 Resp: 343382
Ion Ratio Lower Upper
82 100
128 44.7 35.7 53.5
54 48.6 39.4 59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG046453.D
Acq: 25 Aug 2020 18:11

Tgt Ion: 164 Resp: 166313
Ion Ratio Lower Upper
164 100
162 102.6 83.3 124.9
160 45.3 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 108.817 ng

RT: 16.06 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BG046453.D

Acq: 25 Aug 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB131184BL

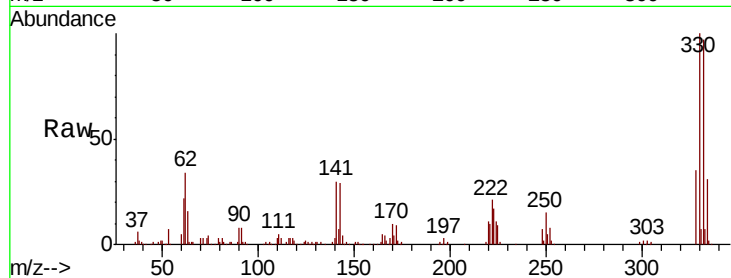
Tot Ion:330 Resp: 245211

Ion Ratio Lower Upper

330 100

332 97.1 76.1 114.1

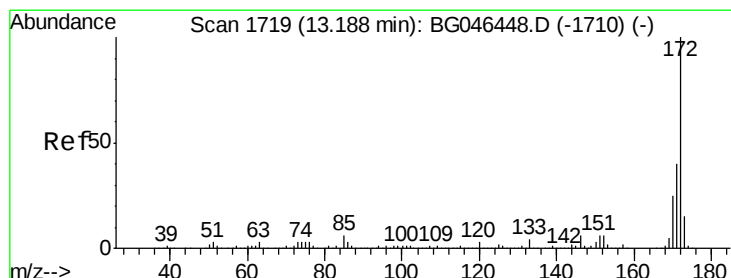
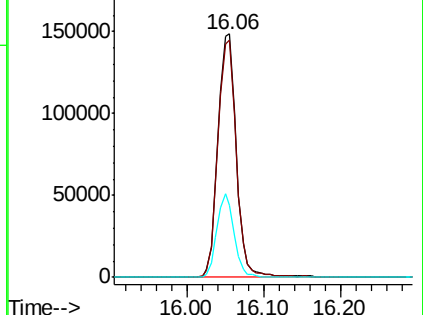
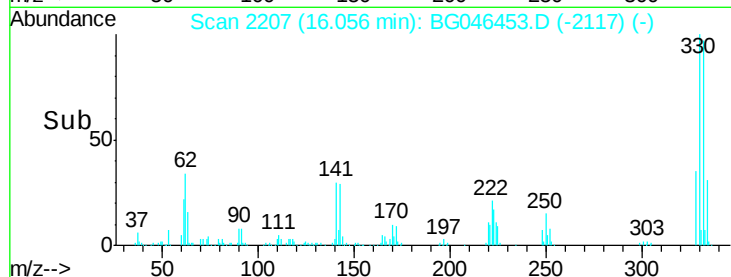
141 32.2 26.1 39.1



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: 81.218 ng

RT: 13.19 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BG046453.D

Acq: 25 Aug 2020 18:11

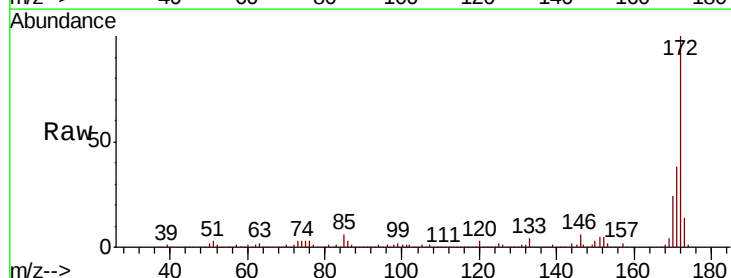
Tgt Ion:172 Resp: 884841

Ion Ratio Lower Upper

172 100

171 38.2 31.8 47.6

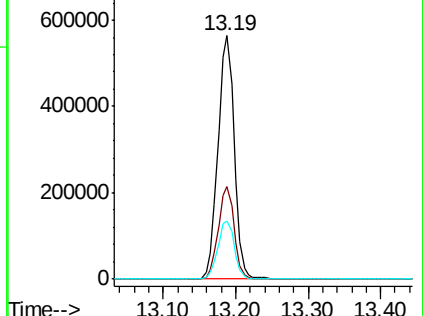
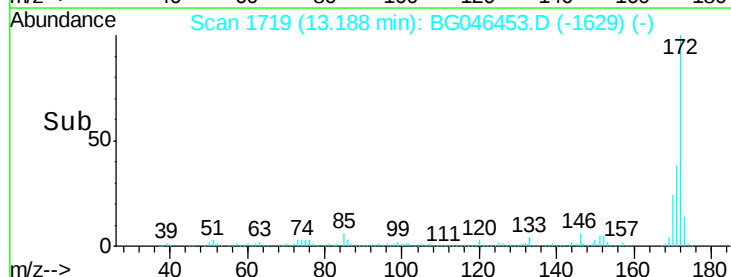
170 23.9 20.3 30.5

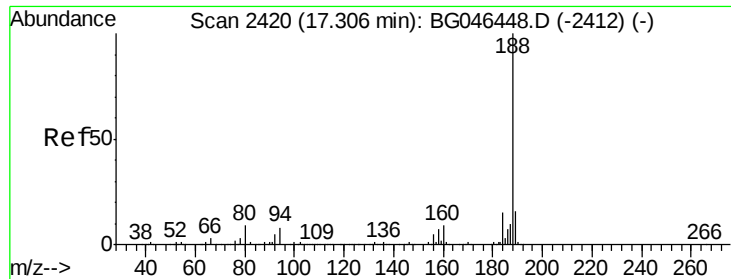


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

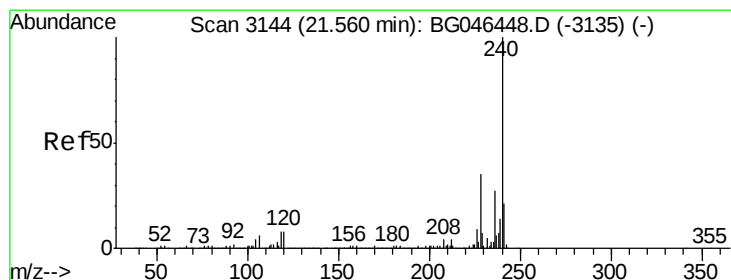
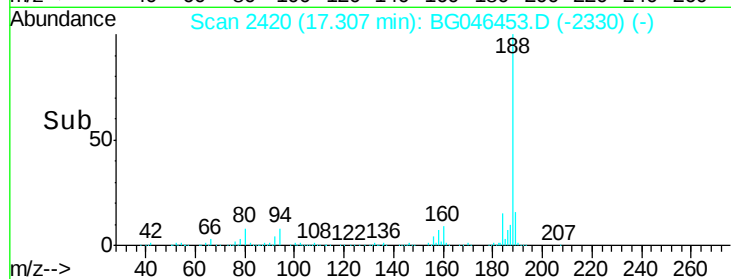
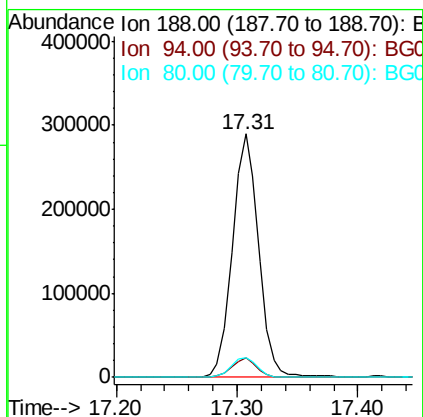
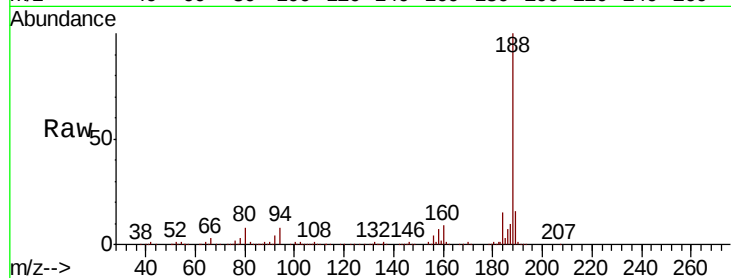




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046453.D
Acq: 25 Aug 2020 18:11

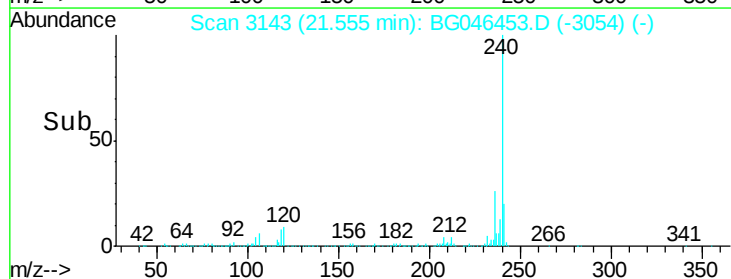
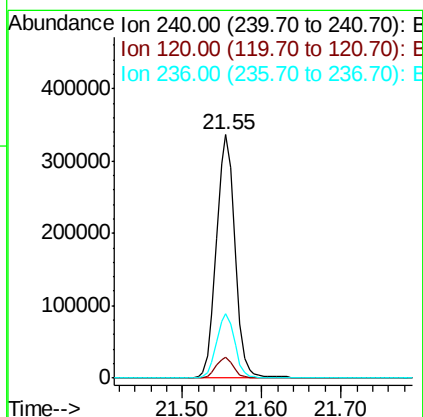
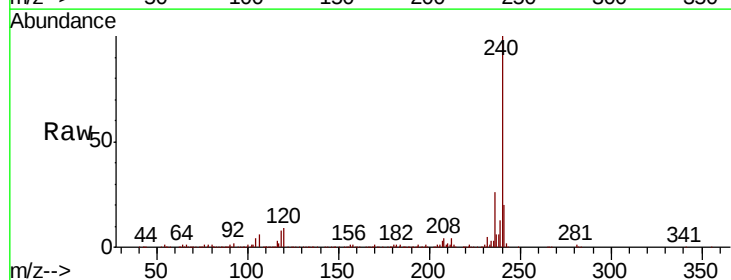
Instrument :
BNA_G
ClientSampleId :
PB131184BL

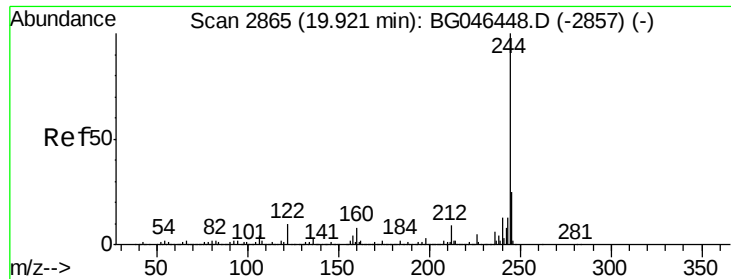
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.3	9.5
80	8.0	6.9	10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG046453.D
Acq: 25 Aug 2020 18:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.6	10.0
236	26.2	21.4	32.2





#79

Terphenyl-d14

Concen: 69.186 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046453.D

Acq: 25 Aug 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB131184BL

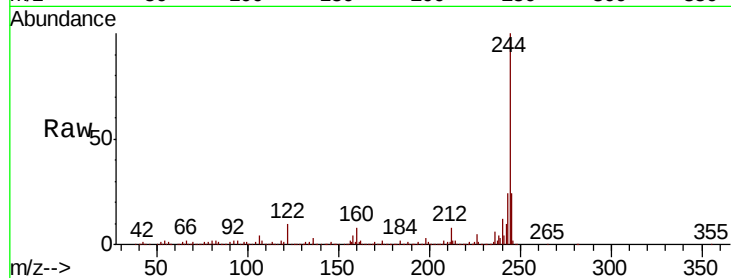
Tot Ion:244 Resp: 1778552

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

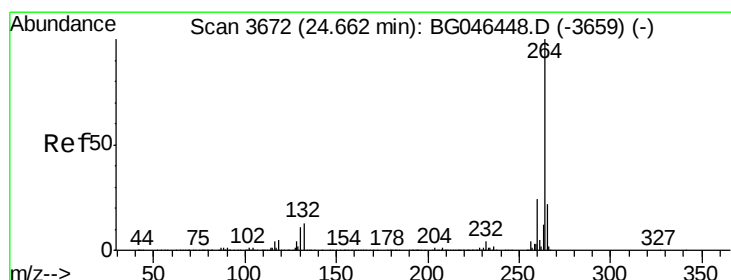
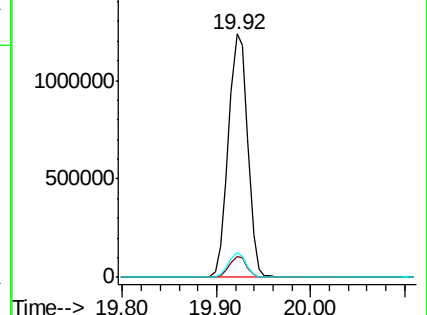
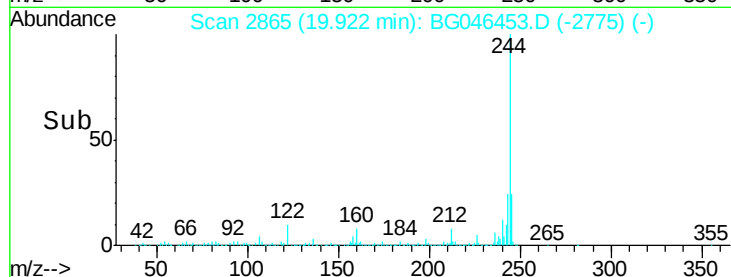
122 10.3 8.2 12.4



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: 24.66 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG046453.D

Acq: 25 Aug 2020 18:11

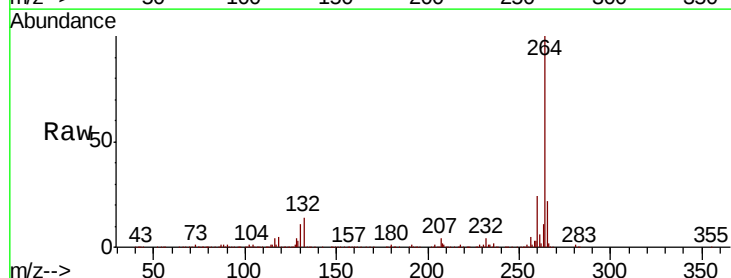
Tgt Ion:264 Resp: 550758

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.0 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

