

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082620\
 Data File : BG046456.D
 Acq On : 26 Aug 2020 16:30
 Operator : CG/JU
 Sample : PB131215BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131215BL

Quant Time: Aug 26 17:47:06 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	7.93	152	65412	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	264487	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	176219	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	458201	20.00	ng	0.00
76) Chrysene-d12	21.56	240	592153	20.00	ng	0.00
86) Perylene-d12	24.66	264	591804	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	480944	130.23	ng	0.00
7) Phenol-d6	7.10	99	610191	116.55	ng	0.00
23) Nitrobenzene-d5	9.09	82	384644	83.12	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	270534	113.31	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	993831	86.09	ng	0.00
79) Terphenyl-d14	19.92	244	1919984	69.00	ng	0.00

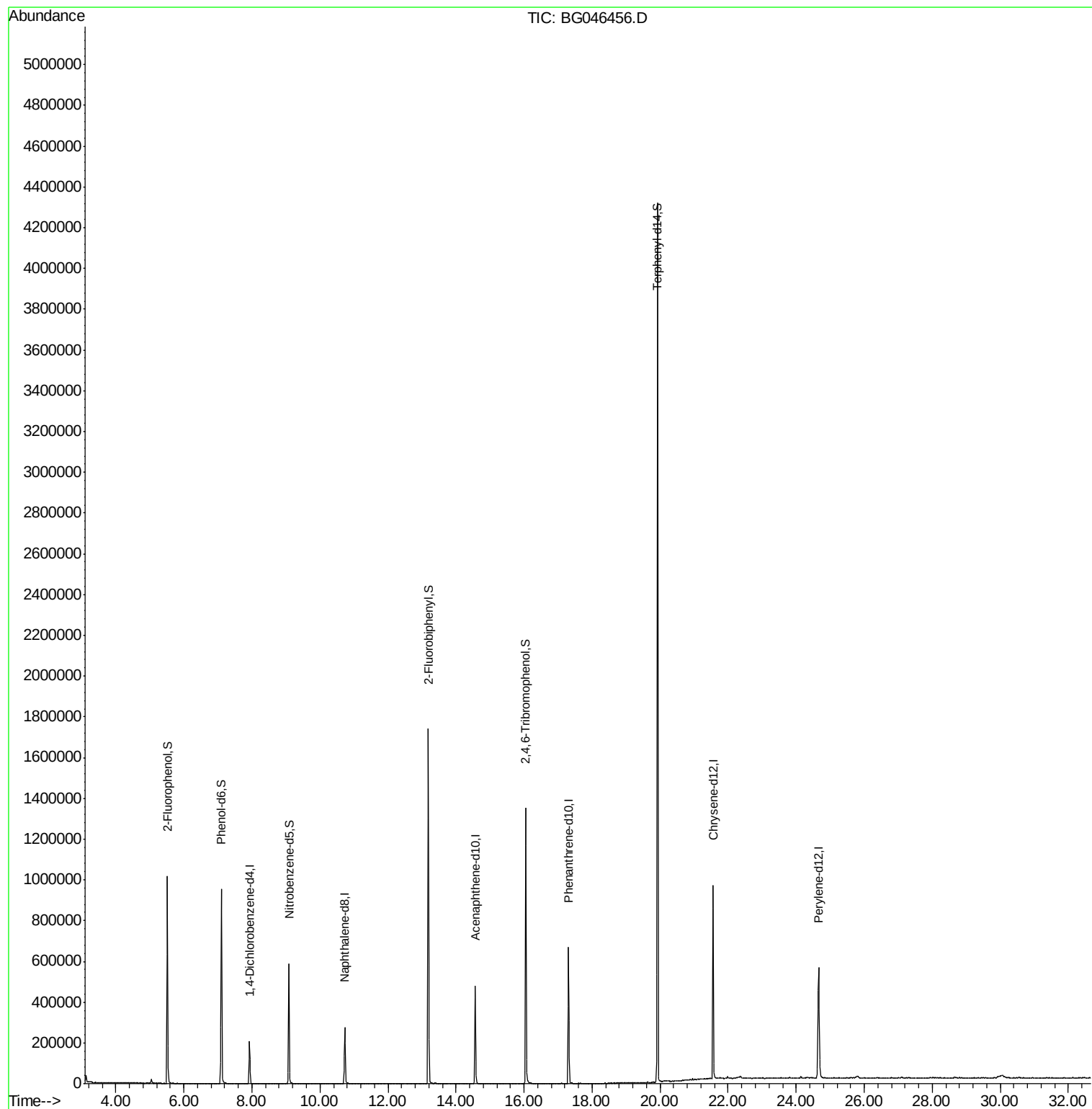
Target Compounds Qvalue

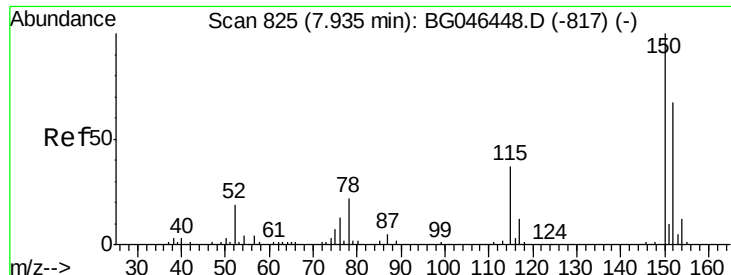
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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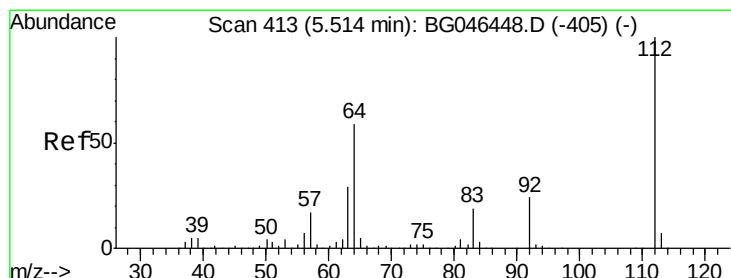
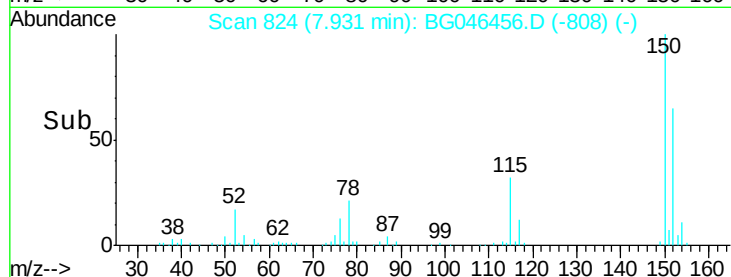
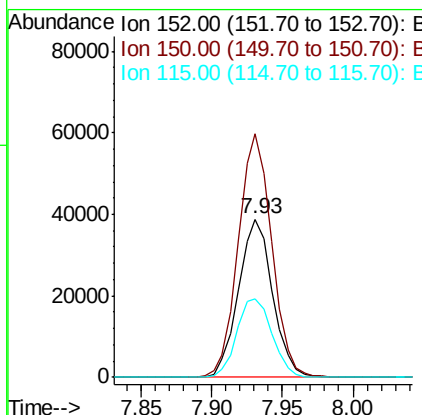
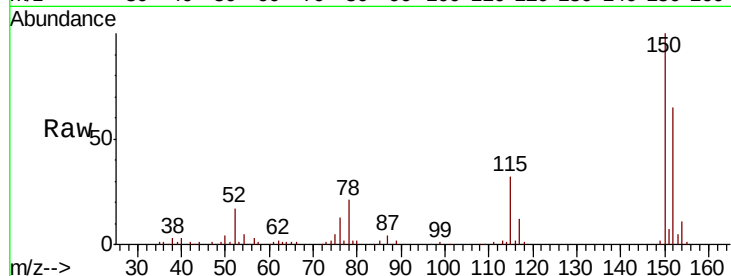




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG046456.D
 Acq: 26 Aug 2020 16:30

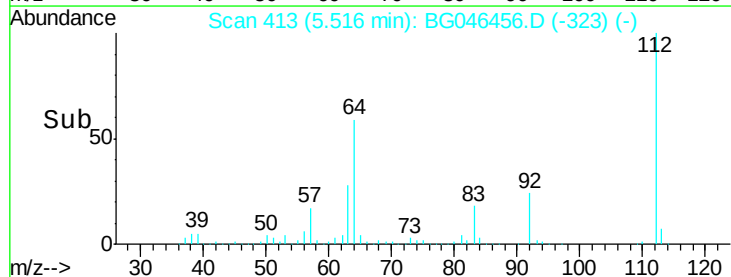
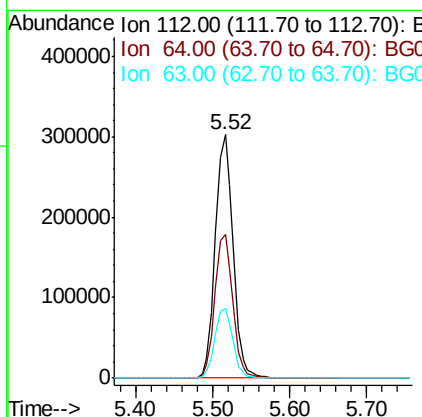
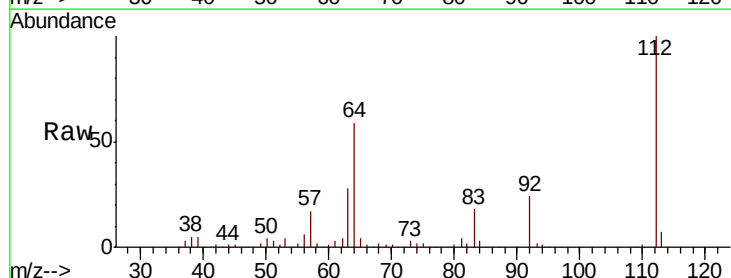
Instrument :
 BNA_G
 ClientSampleId :
 PB131215BL

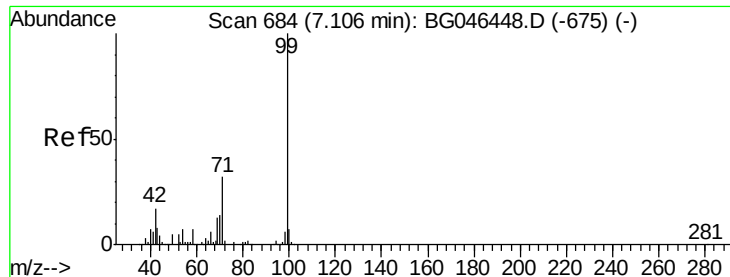
Tot Ion:152 Resp: 65412
 Ion Ratio Lower Upper
 152 100
 150 153.9 119.5 179.3
 115 49.4 44.3 66.5



#5
 2-Fluorophenol
 Concen: 130.227 ng
 RT: 5.52 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BG046456.D
 Acq: 26 Aug 2020 16:30

Tgt Ion:112 Resp: 480944
 Ion Ratio Lower Upper
 112 100
 64 58.9 47.0 70.6
 63 28.4 23.5 35.3





#7

Phenol-d6

Concen: 116.551 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046456.D

Acq: 26 Aug 2020 16:30

Instrument :

BNA_G

ClientSampleId :

PB131215BL

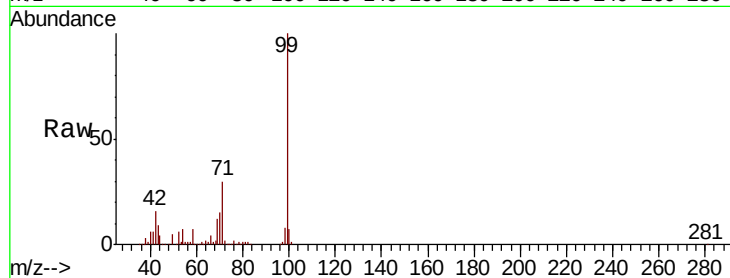
Tot Ion: 99 Resp: 610191

Ion Ratio Lower Upper

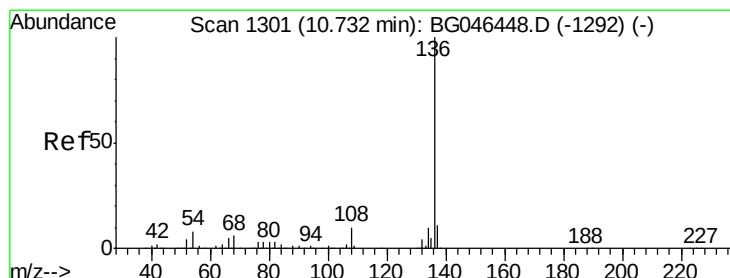
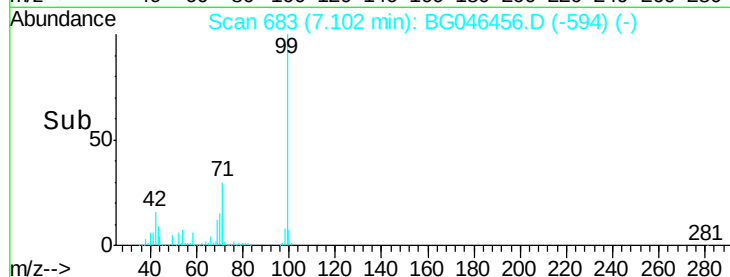
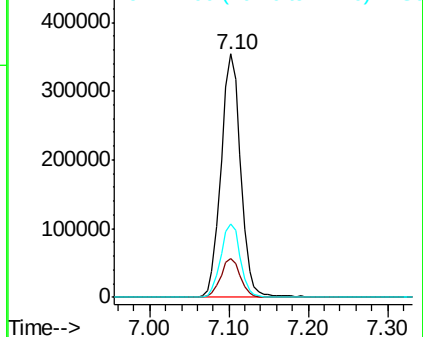
99 100

42 16.0 13.3 19.9

71 30.1 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: BG046456.D

Acq: 26 Aug 2020 16:30

Tgt Ion: 136 Resp: 264487

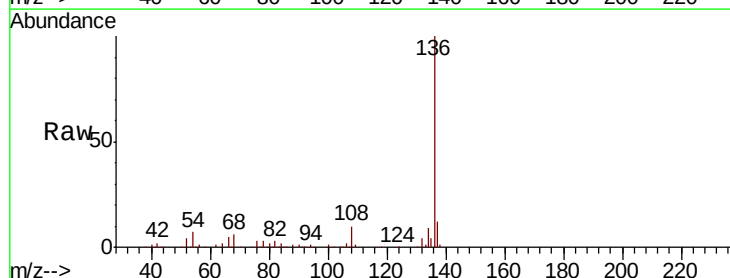
Ion Ratio Lower Upper

136 100

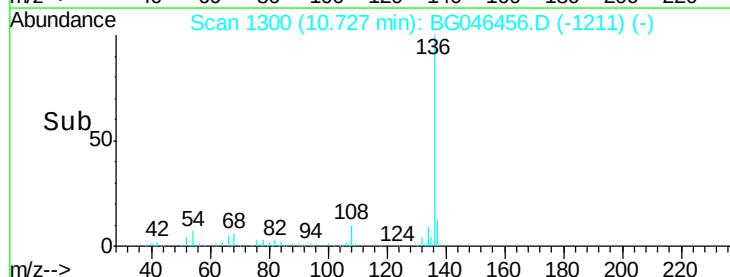
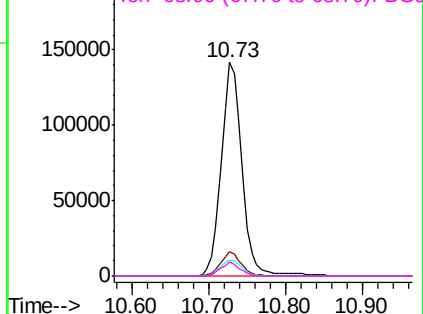
137 11.5 8.8 13.2

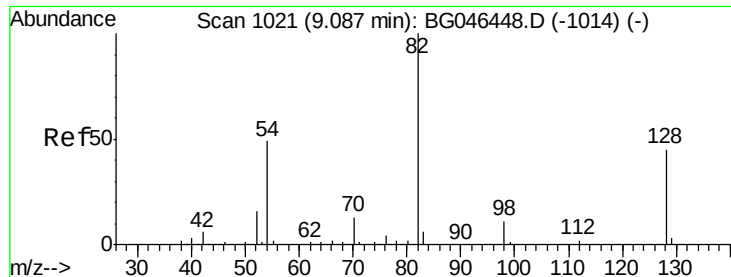
54 7.4 6.1 9.1

68 6.5 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

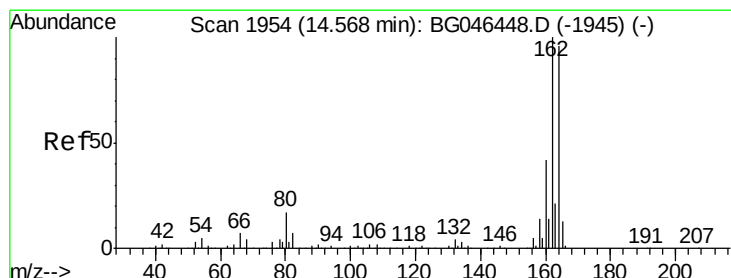
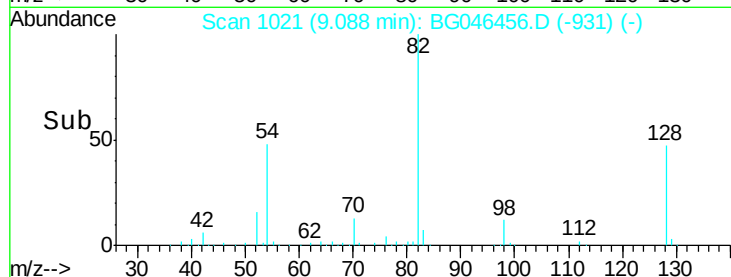
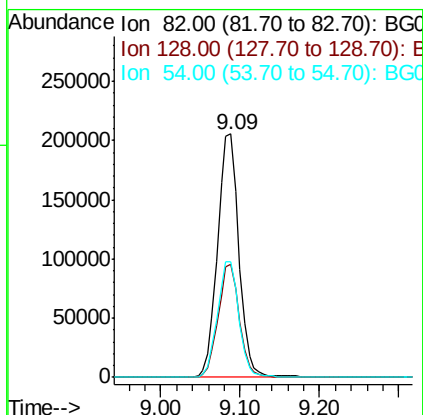
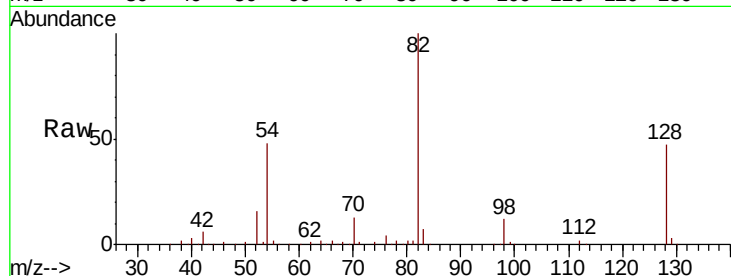




#23
 Nitrobenzene-d5
 Concen: 83.121 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG046456.D
 Acq: 26 Aug 2020 16:30

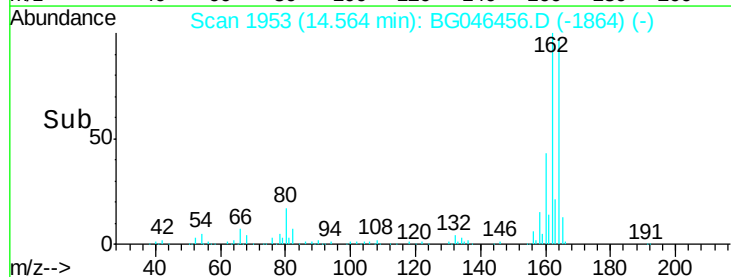
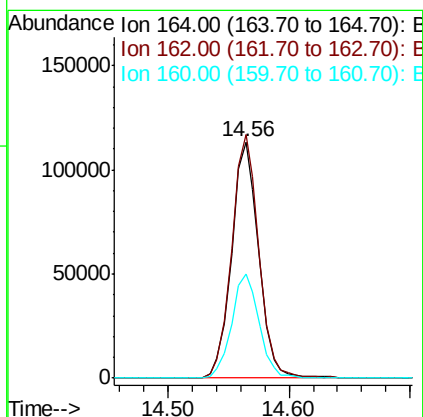
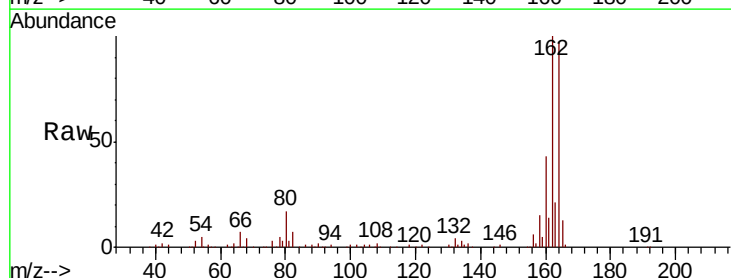
Instrument :
 BNA_G
 ClientSampleId :
 PB131215BL

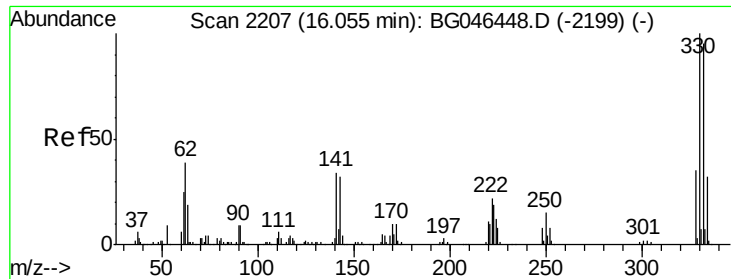
Tot Ion: 82 Resp: 384644
 Ion Ratio Lower Upper
 82 100
 128 46.5 35.7 53.5
 54 47.7 39.4 59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BG046456.D
 Acq: 26 Aug 2020 16:30

Tgt Ion: 164 Resp: 176219
 Ion Ratio Lower Upper
 164 100
 162 103.2 83.3 124.9
 160 44.0 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 113.306 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046456.D

Acq: 26 Aug 2020 16:30

Instrument :

BNA_G

ClientSampleId :

PB131215BL

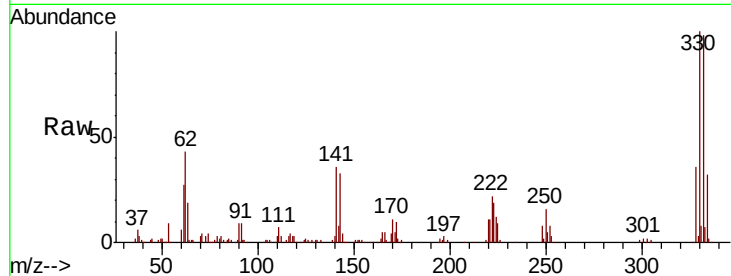
Tot Ion:330 Resp: 270534

Ion Ratio Lower Upper

330 100

332 97.7 76.1 114.1

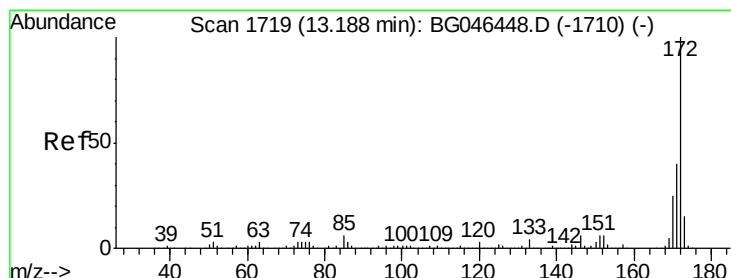
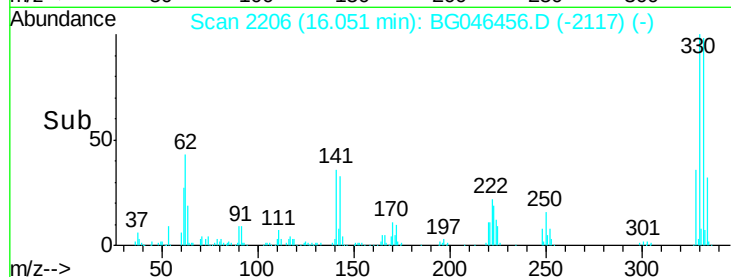
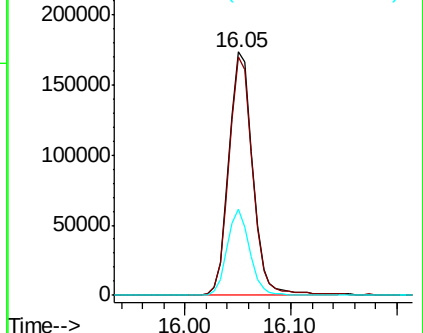
141 33.6 26.1 39.1



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: 86.094 ng

RT: 13.18 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BG046456.D

Acq: 26 Aug 2020 16:30

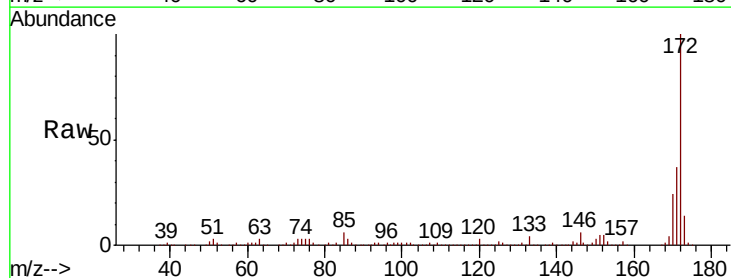
Tgt Ion:172 Resp: 993831

Ion Ratio Lower Upper

172 100

171 37.4 31.8 47.6

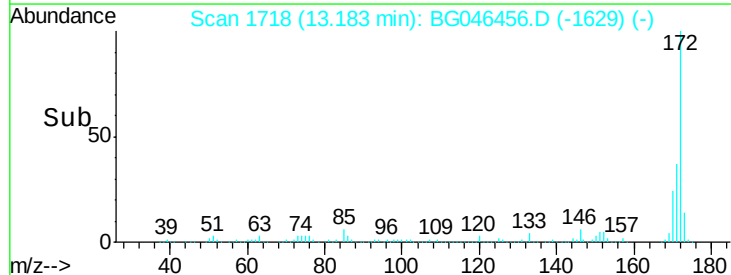
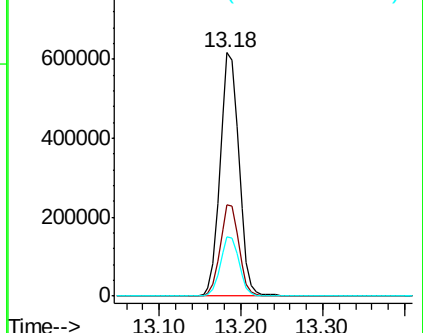
170 24.4 20.3 30.5

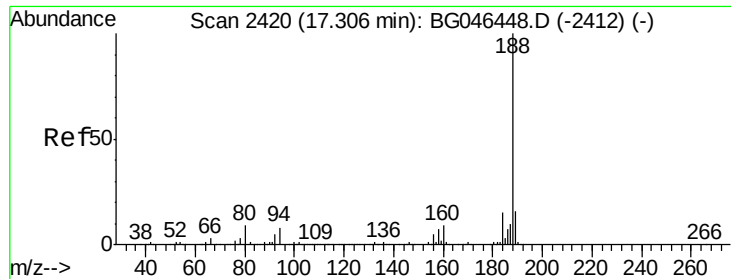


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG046456.D

Acq: 26 Aug 2020 16:30

Instrument :

BNA_G

ClientSampleId :

PB131215BL

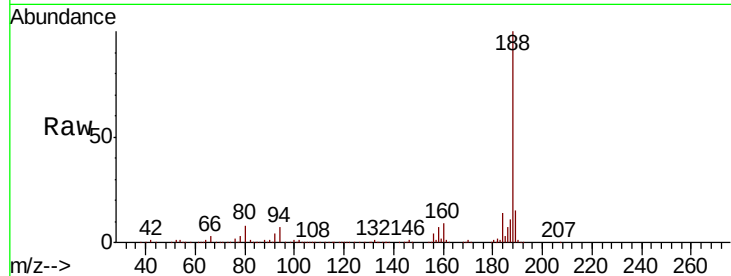
Tot Ion:188 Resp: 458201

Ion Ratio Lower Upper

188 100

94 7.3 6.3 9.5

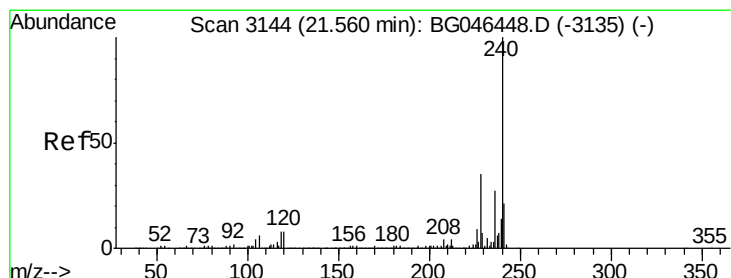
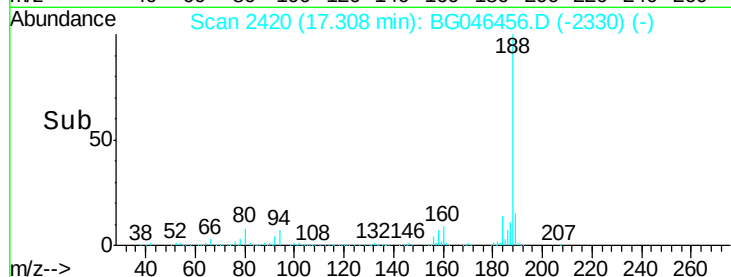
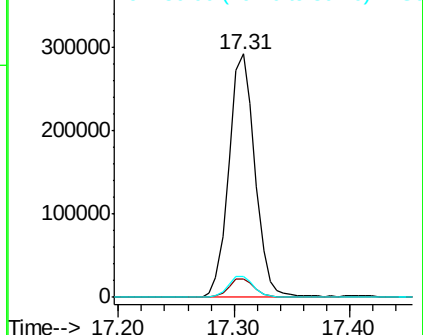
80 8.4 6.9 10.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG046456.D

Acq: 26 Aug 2020 16:30

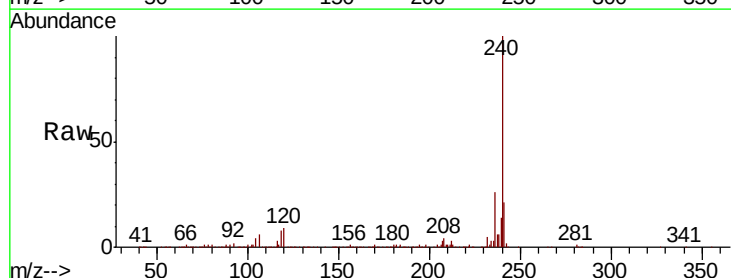
Tgt Ion:240 Resp: 592153

Ion Ratio Lower Upper

240 100

120 8.6 6.6 10.0

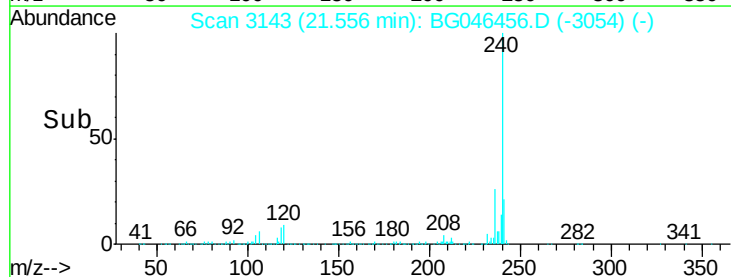
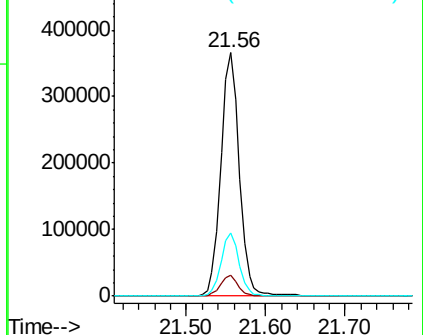
236 25.7 21.4 32.2

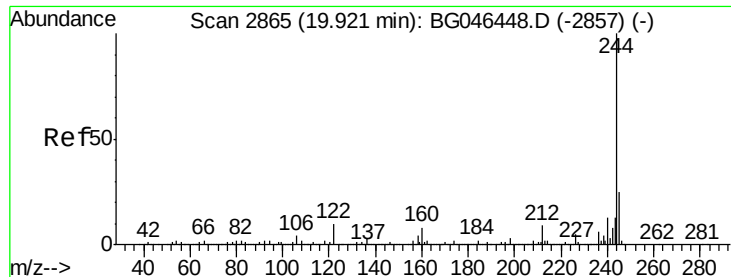


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.004 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046456.D

Acq: 26 Aug 2020 16:30

Instrument :

BNA_G

ClientSampleId :

PB131215BL

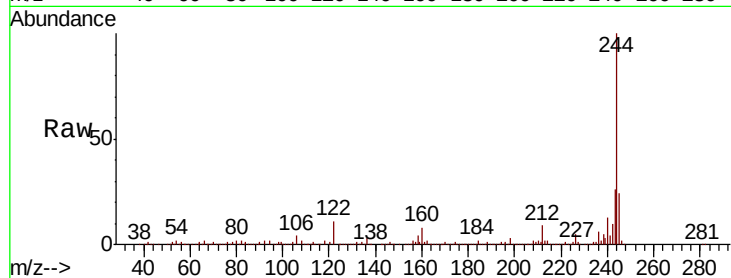
Tot Ion:244 Resp: 1919984

Ion Ratio Lower Upper

244 100

212 8.8 6.9 10.3

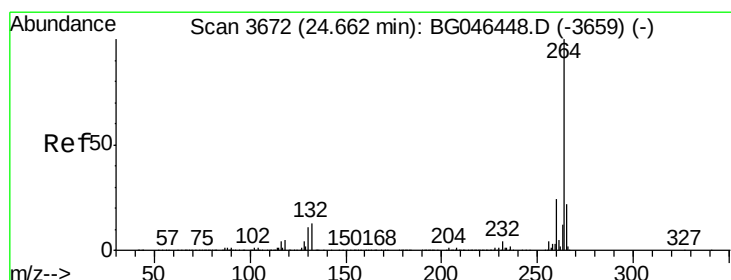
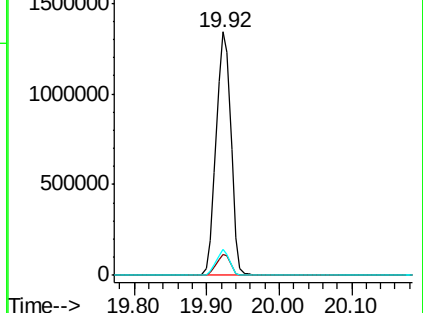
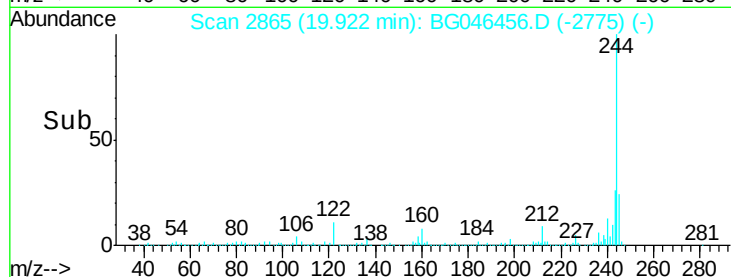
122 10.6 8.2 12.4



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. -0.00 min

Lab File: BG046456.D

Acq: 26 Aug 2020 16:30

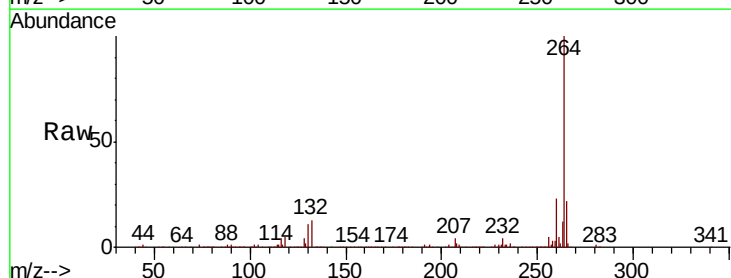
Tgt Ion:264 Resp: 591804

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.6 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

