

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083120\
 Data File : BG046471.D
 Acq On : 31 Aug 2020 16:31
 Operator : CG/JU
 Sample : PB131309BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131309BL

Quant Time: Aug 31 17:26:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 16:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	68007	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	274687	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	184012	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	482278	20.00	ng	0.00
76) Chrysene-d12	21.55	240	577536	20.00	ng	0.00
86) Perylene-d12	24.65	264	588905	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	435348	113.38	ng	0.00
7) Phenol-d6	7.10	99	558637	102.63	ng	0.00
23) Nitrobenzene-d5	9.08	82	352614	73.37	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	264117	105.93	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	931854	77.31	ng	0.00
79) Terphenyl-d14	19.92	244	1778001	65.52	ng	0.00

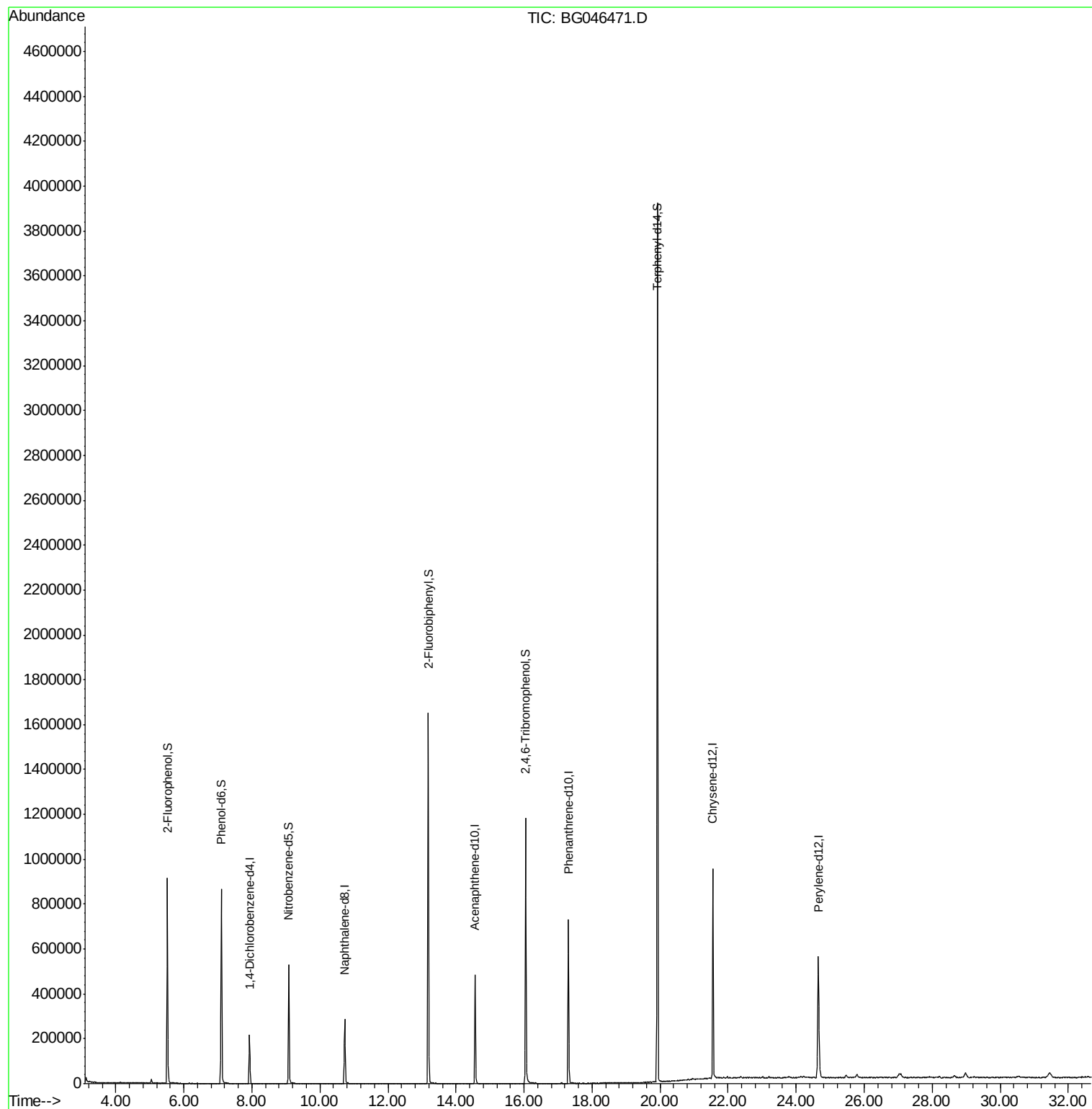
Target Compounds Qvalue

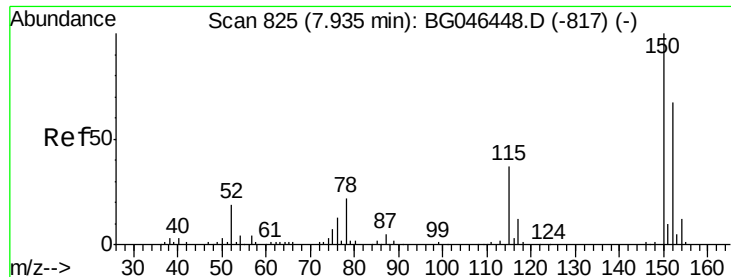
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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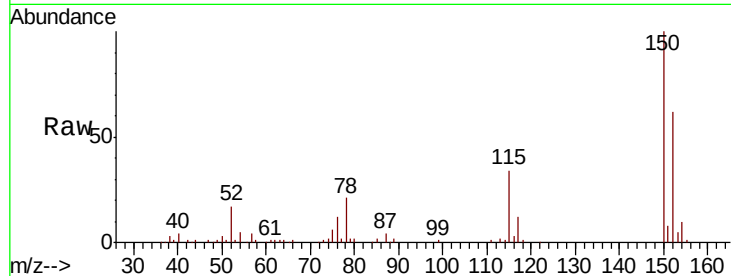




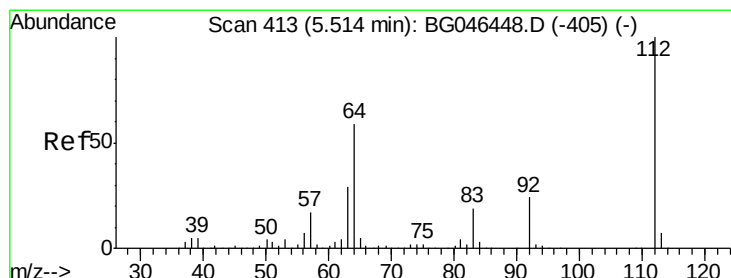
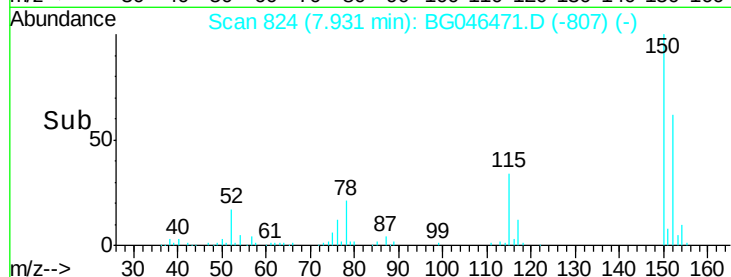
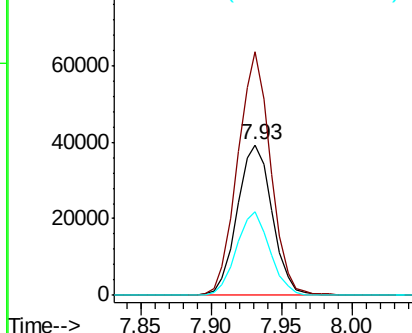
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG046471.D
 Acq: 31 Aug 2020 16:31

Instrument :
 BNA_G
 ClientSampleId :
 PB131309BL

Tot Ion:152 Resp: 68007
 Ion Ratio Lower Upper
 152 100
 150 162.0 119.5 179.3
 115 55.3 44.3 66.5

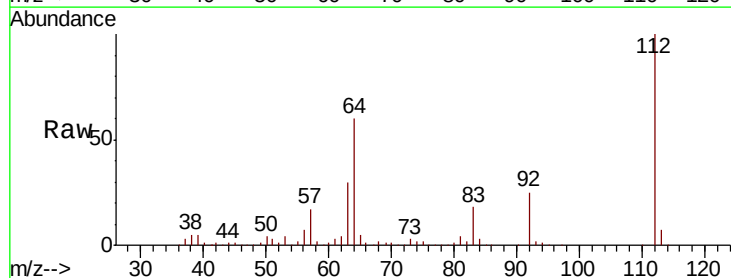


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

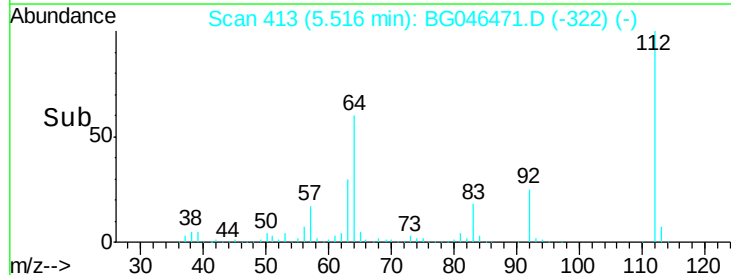
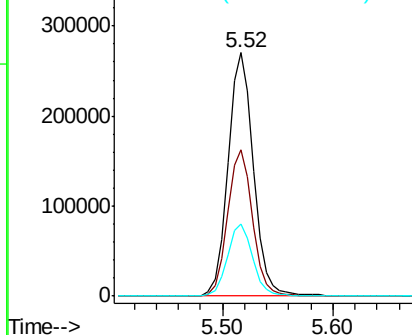


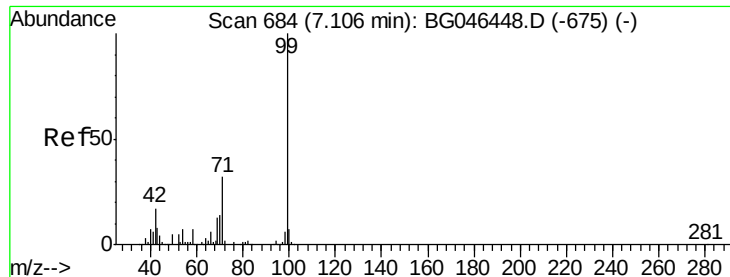
#5
 2-Fluorophenol
 Concen: 113.383 ng
 RT: 5.52 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BG046471.D
 Acq: 31 Aug 2020 16:31

Tgt Ion:112 Resp: 435348
 Ion Ratio Lower Upper
 112 100
 64 60.2 47.0 70.6
 63 29.6 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: 102.633 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046471.D

Acq: 31 Aug 2020 16:31

Instrument :

BNA_G

ClientSampleId :

PB131309BL

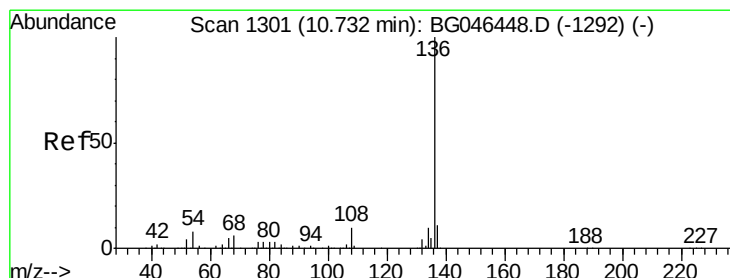
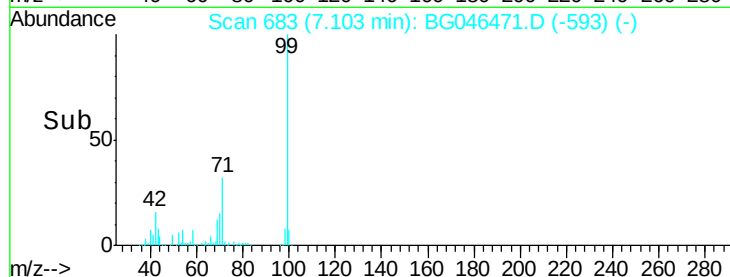
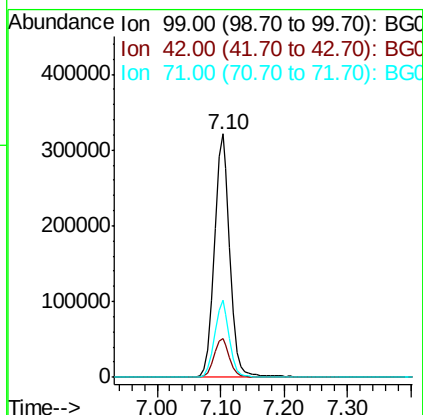
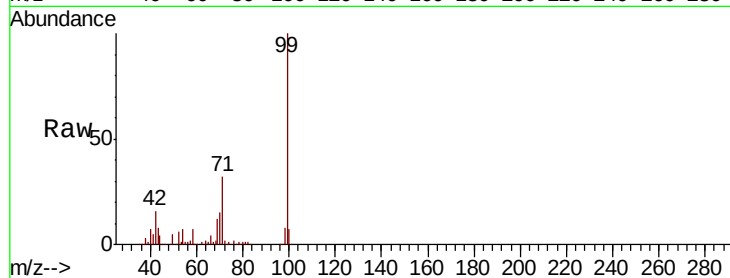
Tot Ion: 99 Resp: 558637

Ion Ratio Lower Upper

99 100

42 15.8 13.3 19.9

71 31.9 25.3 37.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG046471.D

Acq: 31 Aug 2020 16:31

Tgt Ion: 136 Resp: 274687

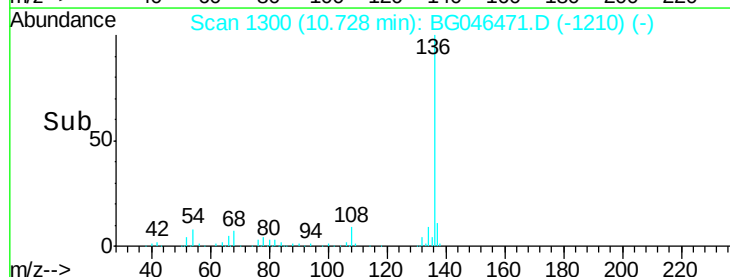
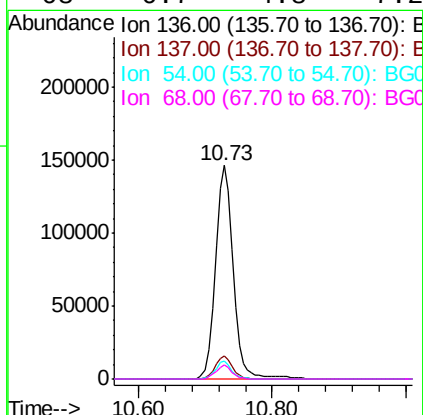
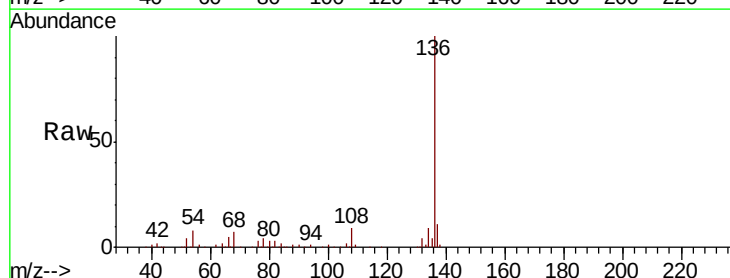
Ion Ratio Lower Upper

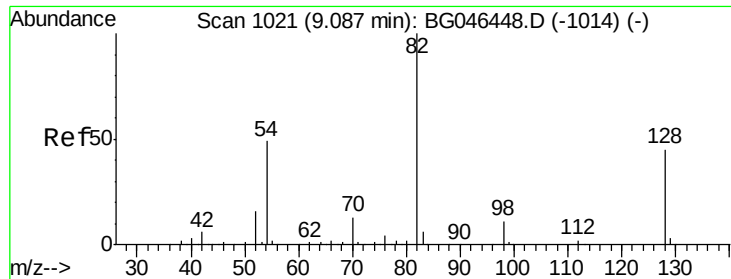
136 100

137 10.8 8.8 13.2

54 8.4 6.1 9.1

68 6.7 4.8 7.2

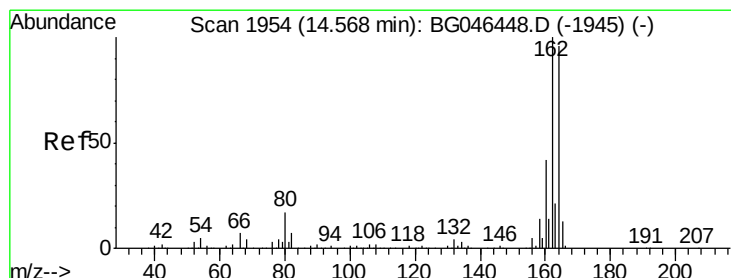
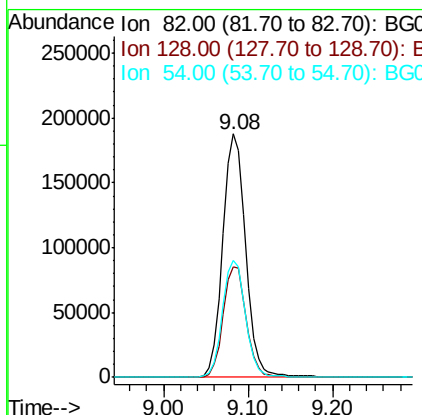
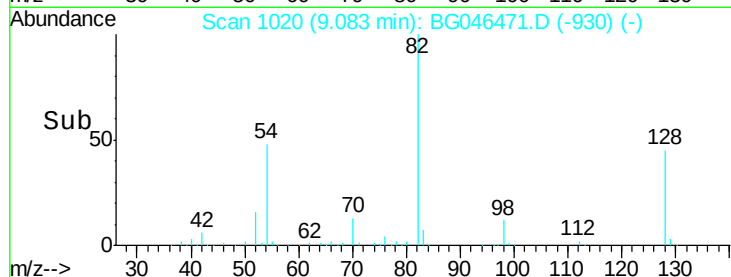
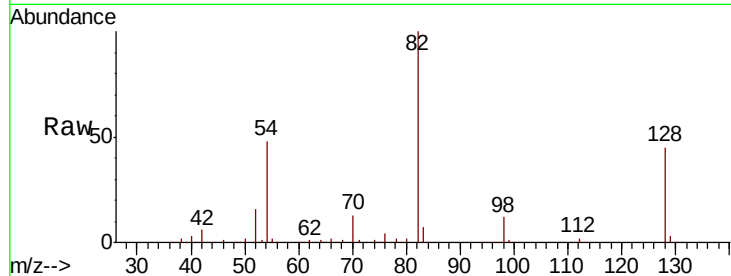




#23
 Nitrobenzene-d5
 Concen: 73.370 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046471.D
 Acq: 31 Aug 2020 16:31

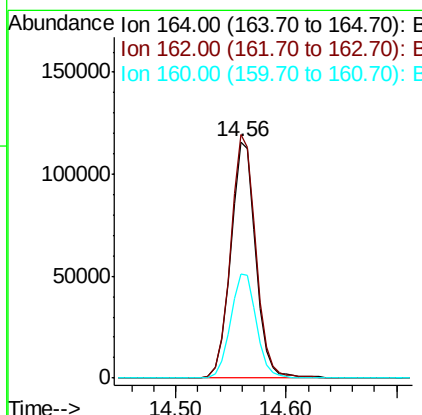
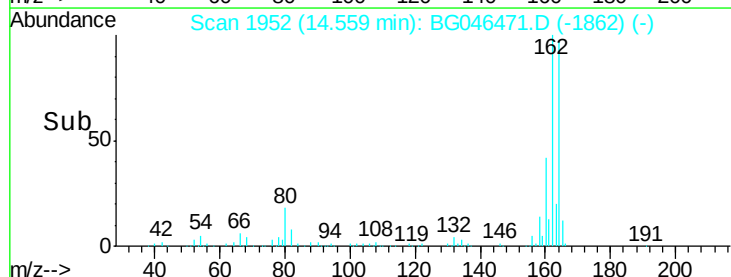
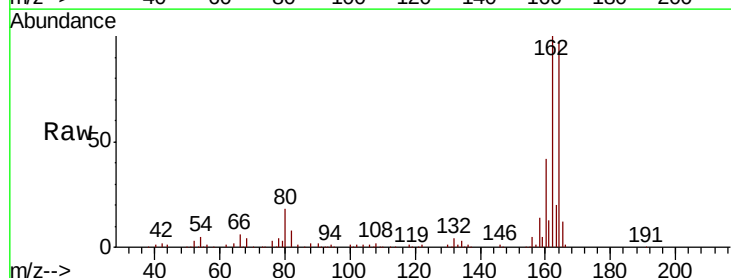
Instrument :
 BNA_G
 ClientSampleID :
 PB131309BL

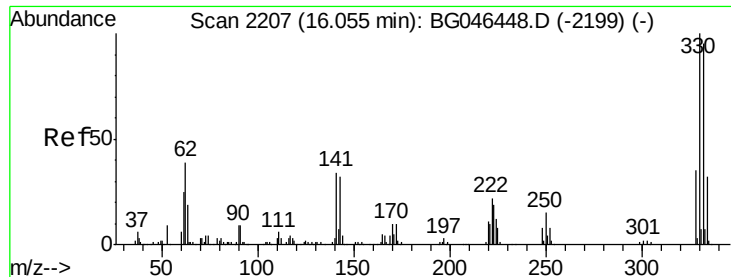
Tot Ion	82	Resp	352614
Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.7	53.5
54	48.2	39.4	59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG046471.D
 Acq: 31 Aug 2020 16:31

Tgt Ion	164	Resp	184012
Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.3	124.9
160	43.8	35.0	52.6





#42

2,4,6-Tribromophenol

Concen: 105.933 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046471.D

Acq: 31 Aug 2020 16:31

Instrument :

BNA_G

ClientSampleId :

PB131309BL

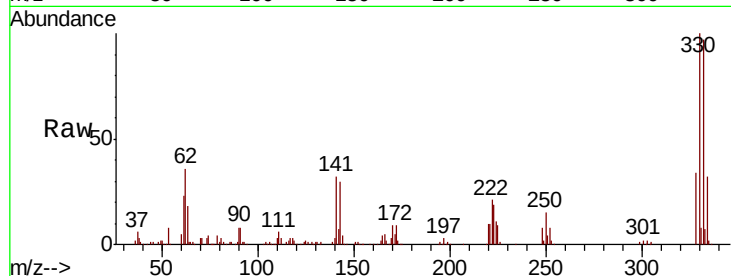
Tot Ion:330 Resp: 264117

Ion Ratio Lower Upper

330 100

332 96.9 76.1 114.1

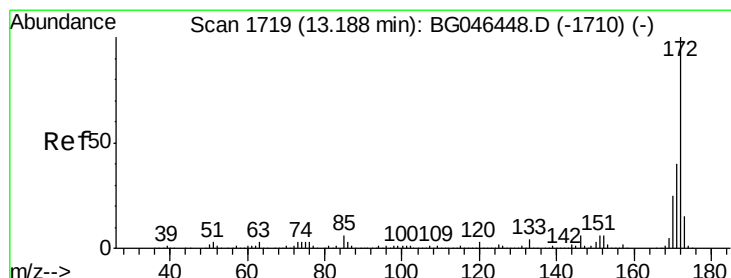
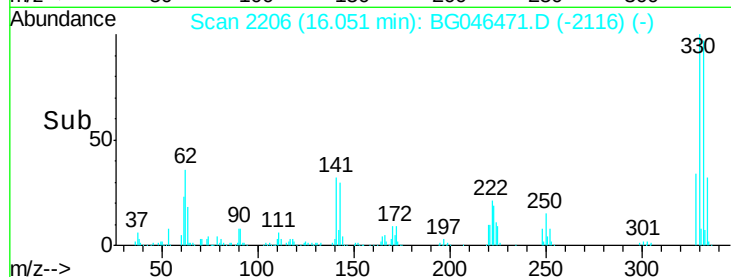
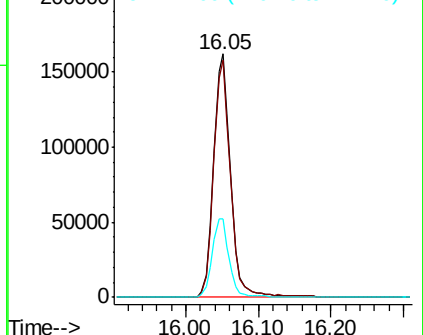
141 32.6 26.1 39.1



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: 77.307 ng

RT: 13.18 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BG046471.D

Acq: 31 Aug 2020 16:31

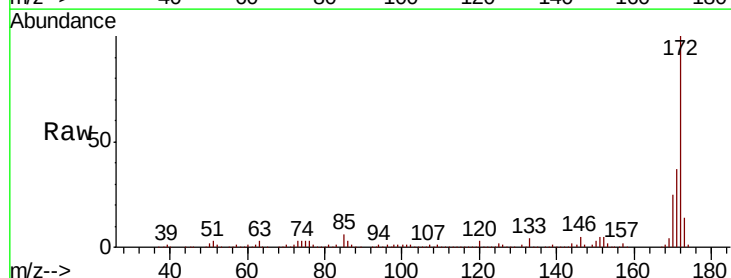
Tgt Ion:172 Resp: 931854

Ion Ratio Lower Upper

172 100

171 36.8 31.8 47.6

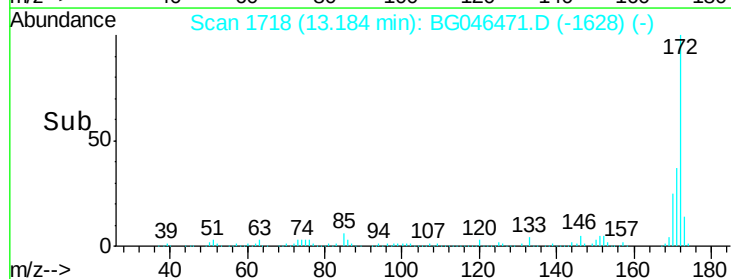
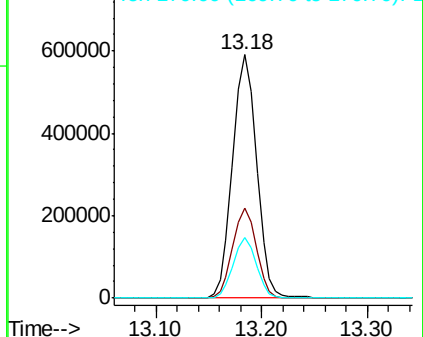
170 24.7 20.3 30.5

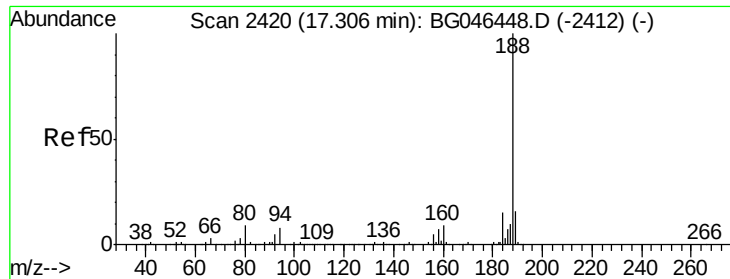


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

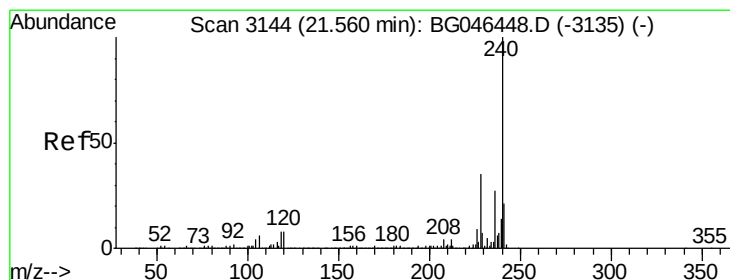
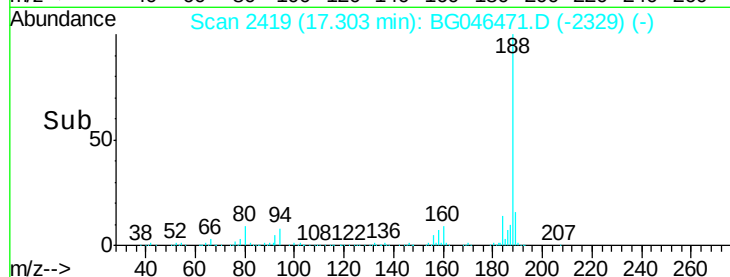
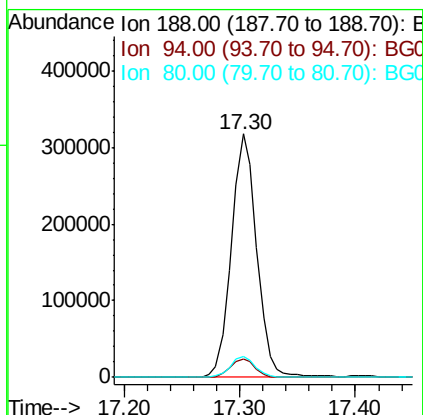
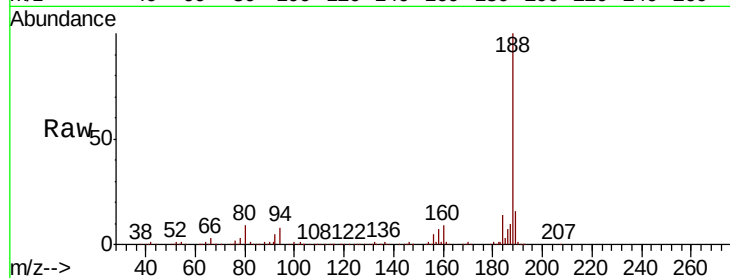




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046471.D
Acq: 31 Aug 2020 16:31

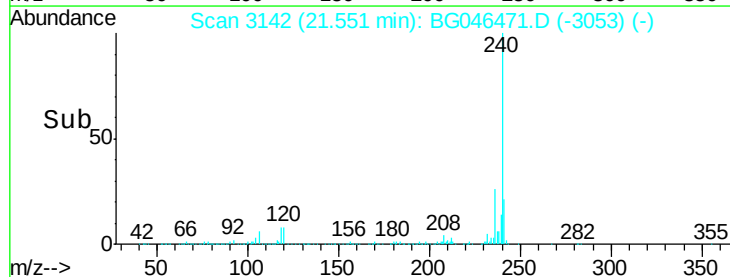
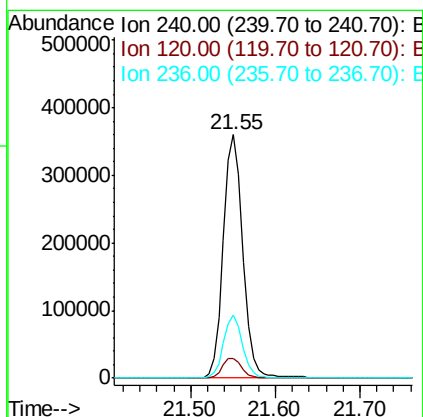
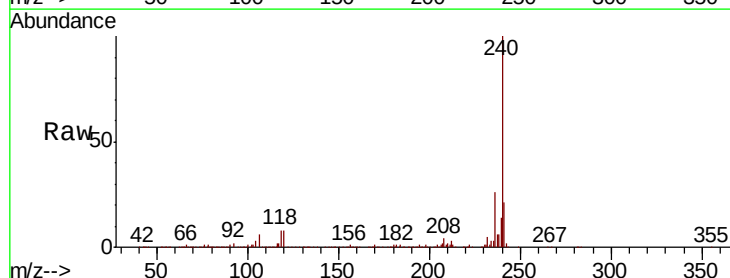
Instrument :
BNA_G
ClientSampleId :
PB131309BL

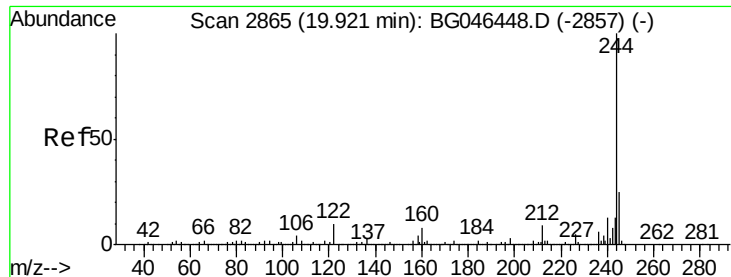
Tot Ion:188 Resp: 482278
Ion Ratio Lower Upper
188 100
94 7.6 6.3 9.5
80 8.7 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG046471.D
Acq: 31 Aug 2020 16:31

Tgt Ion:240 Resp: 577536
Ion Ratio Lower Upper
240 100
120 8.1 6.6 10.0
236 25.9 21.4 32.2

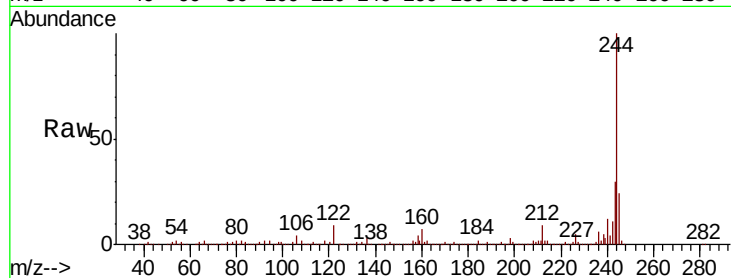




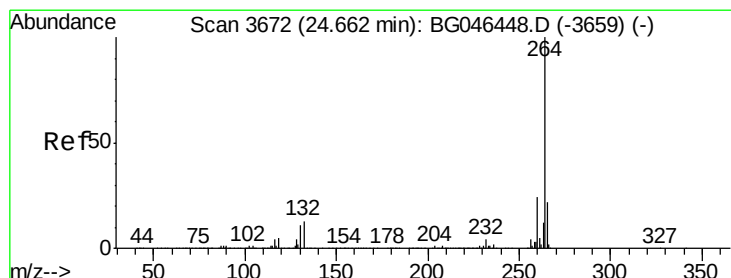
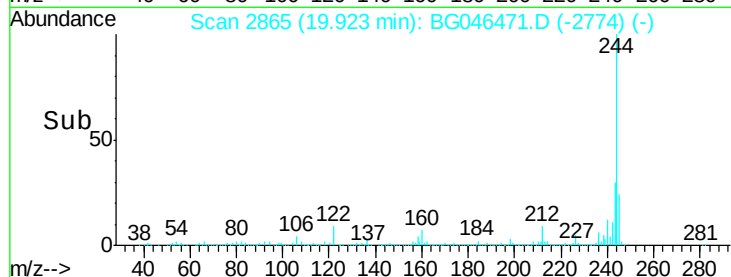
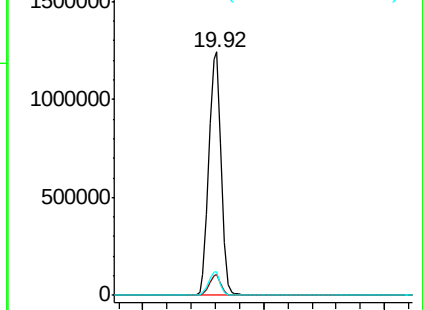
#79
 Terphenyl-d14
 Concen: 65.518 ng
 RT: 19.92 min Scan# 2865
 Delta R.T. 0.00 min
 Lab File: BG046471.D
 Acq: 31 Aug 2020 16:31

Instrument :
 BNA_G
 ClientSampleId :
 PB131309BL

Tot Ion:244 Resp: 1778001
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.9 10.3
 122 9.4 8.2 12.4

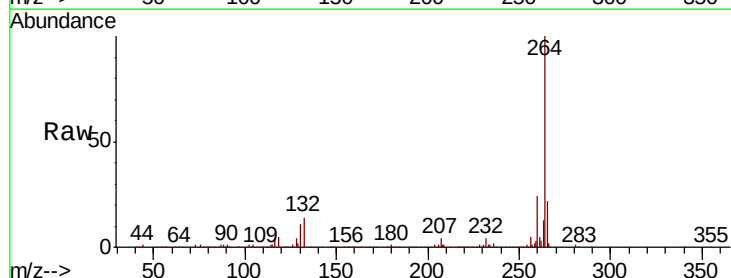


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.65 min Scan# 3670
 Delta R.T. -0.00 min
 Lab File: BG046471.D
 Acq: 31 Aug 2020 16:31

Tgt Ion:264 Resp: 588905
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.9 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

