

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
 Data File : BG046042.D
 Acq On : 14 Jul 2020 21:09
 Operator : CG/JU
 Sample : L3181-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920

Quant Time: Jul 15 05:18:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	117589	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	458876	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	267691	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	593177	20.00	ng	0.00
76) Chrysene-d12	21.62	240	616843	20.00	ng	0.00
86) Perylene-d12	24.77	264	592912	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	760271	104.85	ng	0.00
7) Phenol-d6	7.17	99	938102	89.86	ng	0.00
23) Nitrobenzene-d5	9.15	82	742395	93.12	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	299847	120.69	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1310364	76.35	ng	0.00
79) Terphenyl-d14	19.98	244	1912009	68.98	ng	0.00

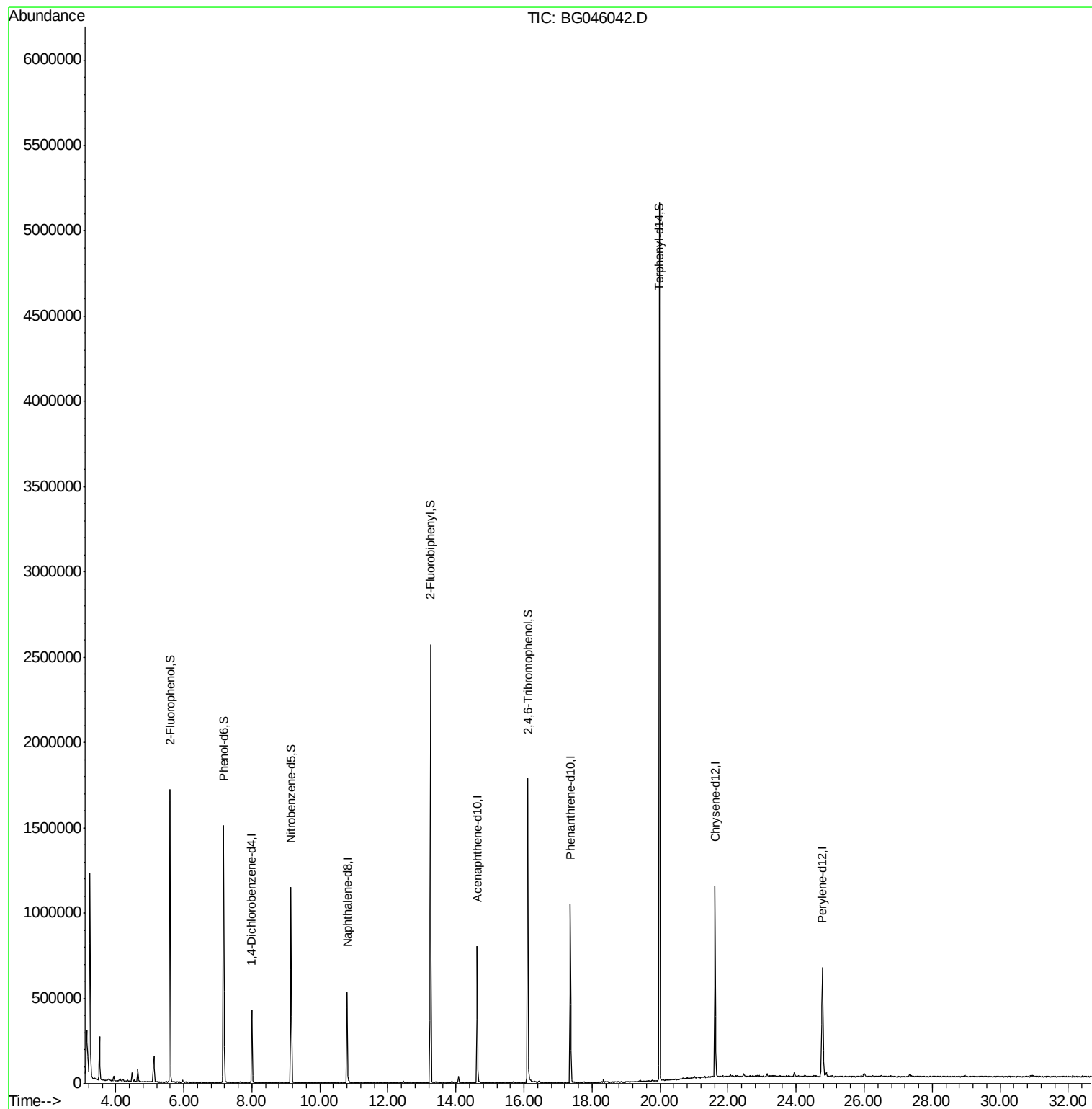
Target Compounds Qvalue

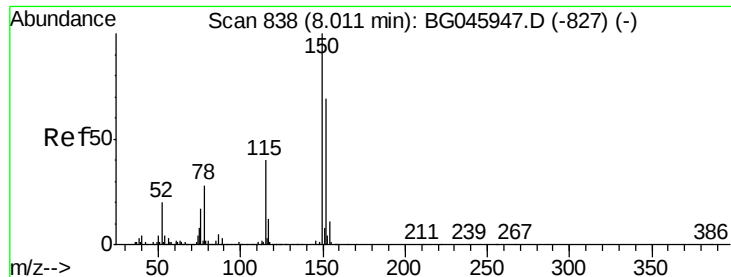
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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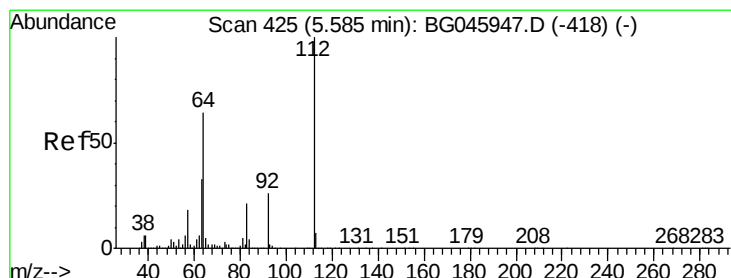
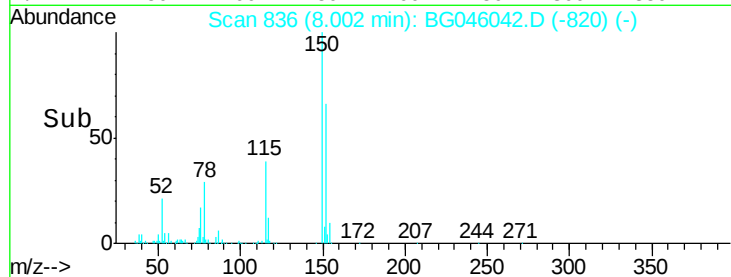
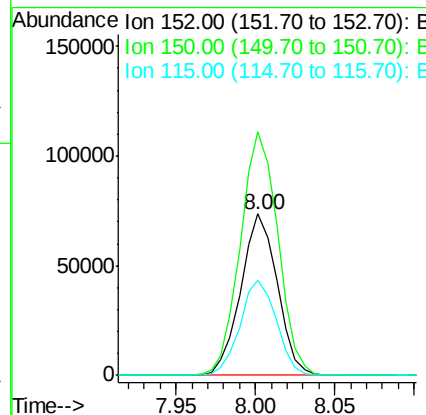
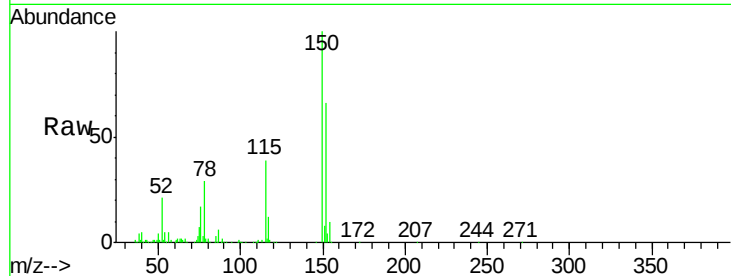


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG046042.D
Acq: 14 Jul 2020 21:09

Instrument :
BNA_G
ClientSampleId :
CL-02-070920

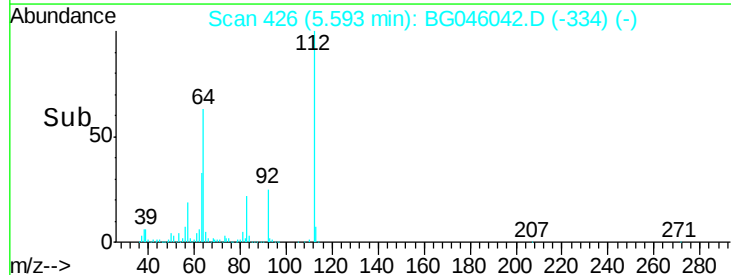
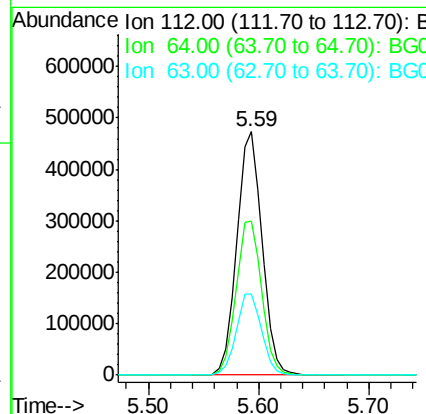
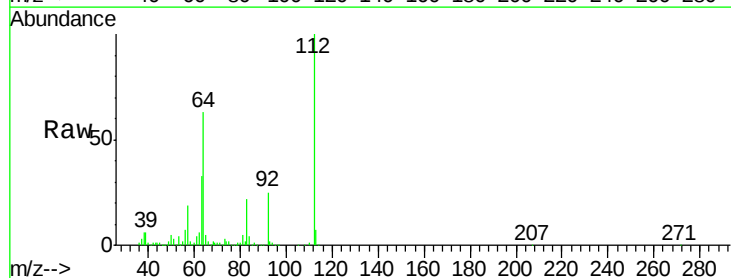
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	116.7	175.1
115	59.2	47.4	71.0

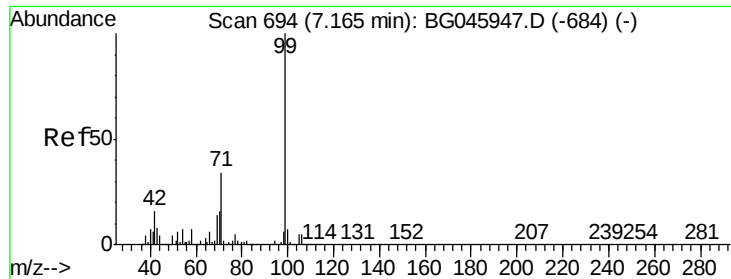


#5

2-Fluorophenol
Concen: 104.849 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.01 min
Lab File: BG046042.D
Acq: 14 Jul 2020 21:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	51.4	77.2
63	33.3	26.6	40.0





#7

Phenol-d6

Concen: 89.861 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG046042.D

Acq: 14 Jul 2020 21:09

Instrument :

BNA_G

ClientSampleId :

CL-02-070920

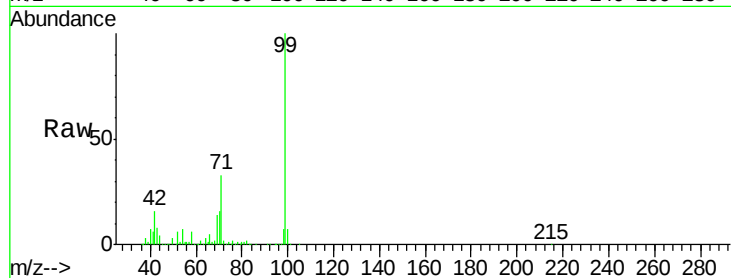
Tot Ion: 99 Resp: 938102

Ion Ratio Lower Upper

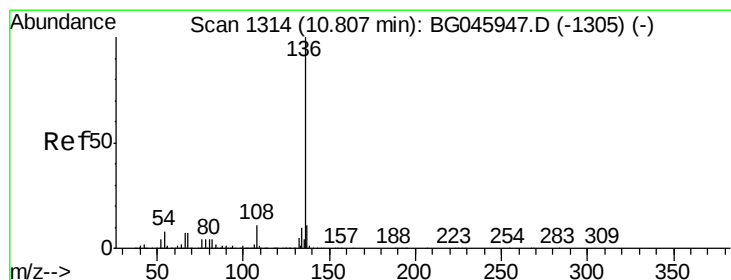
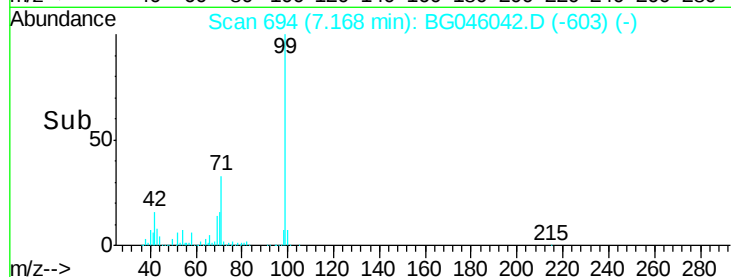
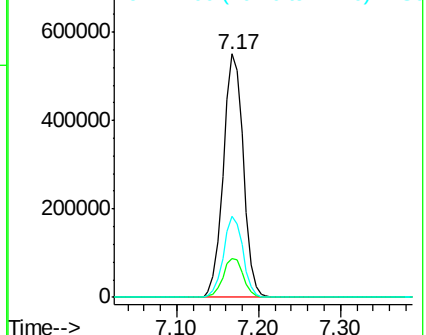
99 100

42 15.8 13.0 19.4

71 33.1 27.5 41.3



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: 10.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BG046042.D

Acq: 14 Jul 2020 21:09

Tgt Ion: 136 Resp: 458876

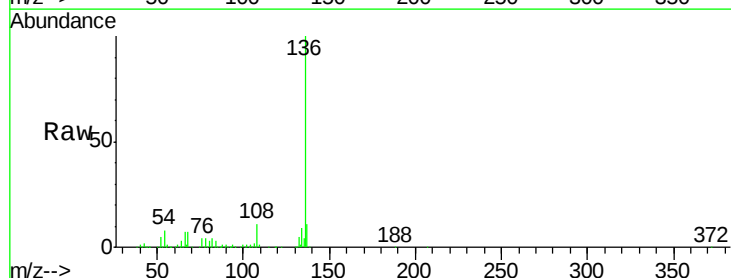
Ion Ratio Lower Upper

136 100

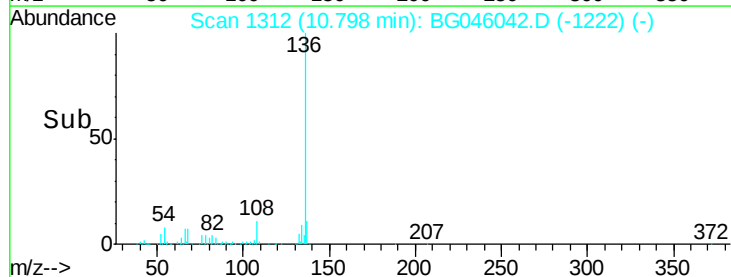
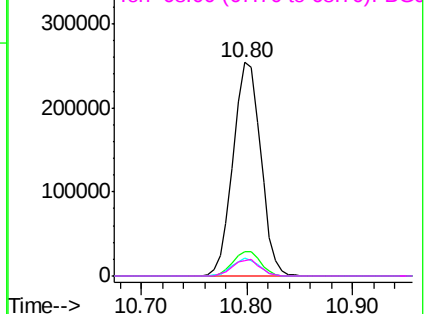
137 11.3 9.2 13.8

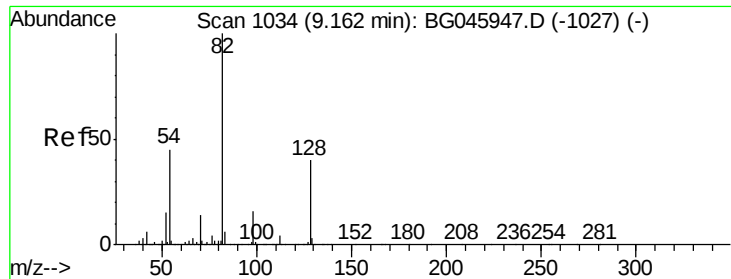
54 8.3 6.2 9.4

68 7.2 5.8 8.8



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

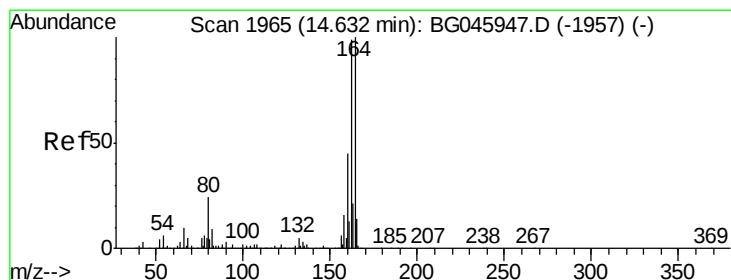
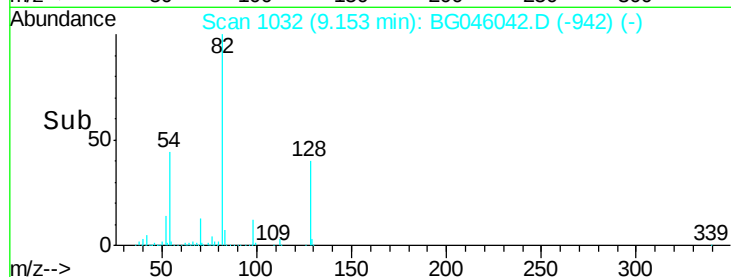
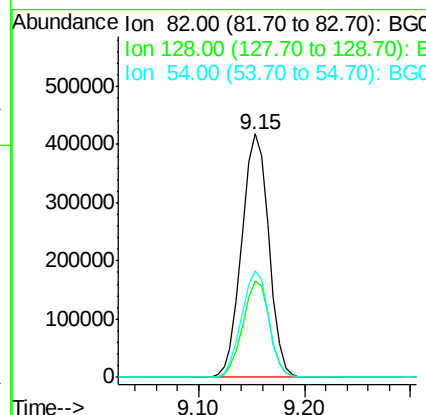
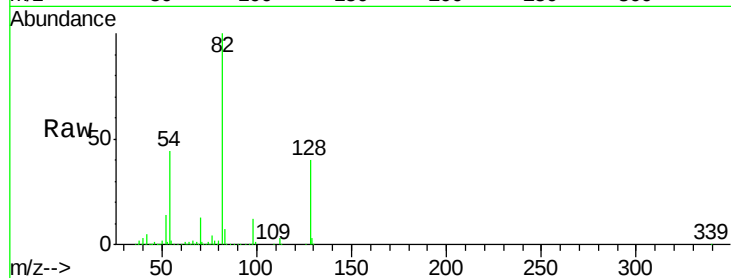




#23
 Nitrobenzene-d5
 Concen: 93.120 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG046042.D
 Acq: 14 Jul 2020 21:09

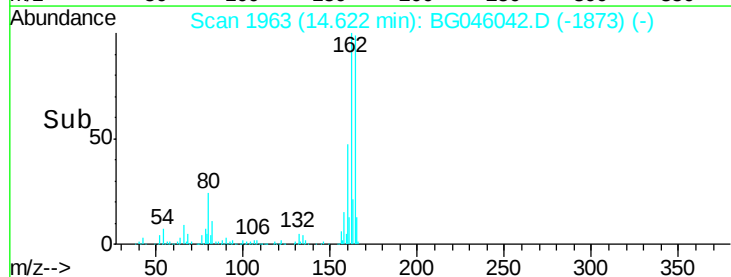
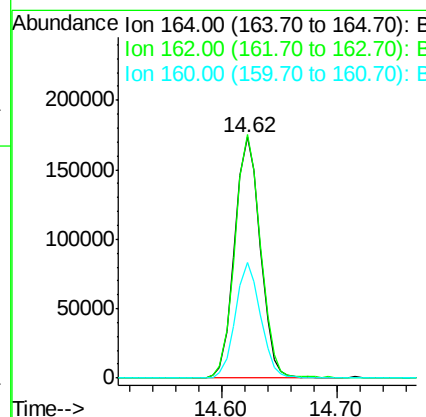
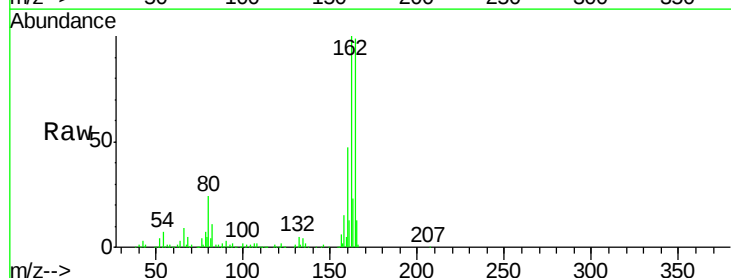
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920

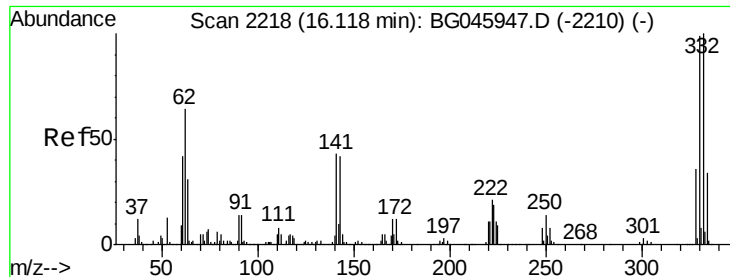
Tot Ion	82	Resp	742395
Ion Ratio	Lower	Upper	
82	100		
128	39.6	32.2	48.4
54	43.9	35.8	53.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BG046042.D
 Acq: 14 Jul 2020 21:09

Tgt Ion	164	Resp	267691
Ion Ratio	Lower	Upper	
164	100		
162	101.0	79.3	118.9
160	48.0	35.7	53.5

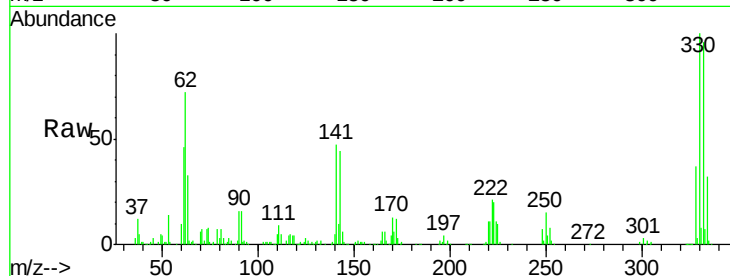




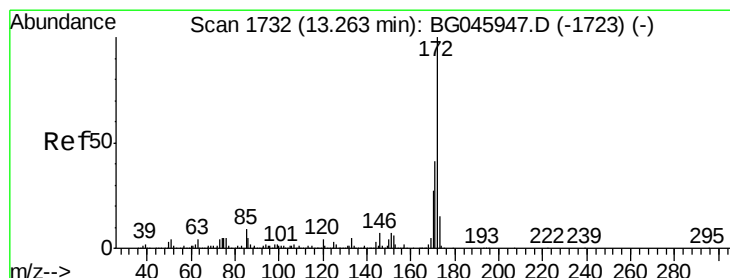
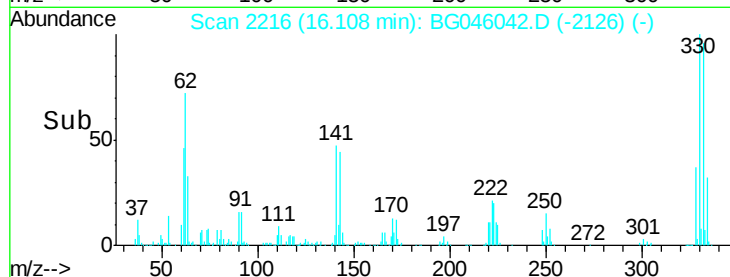
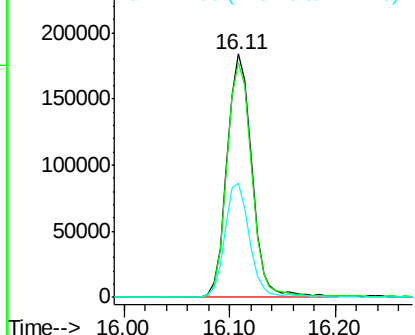
#42
 2,4,6-Tribromophenol
 Concen: 120.689 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG046042.D
 Acq: 14 Jul 2020 21:09

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.3	117.5
141	47.1	36.6	54.8

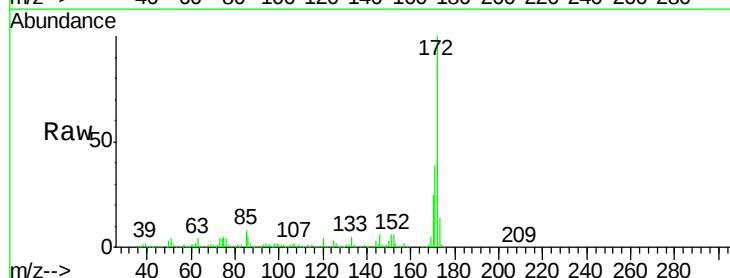


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

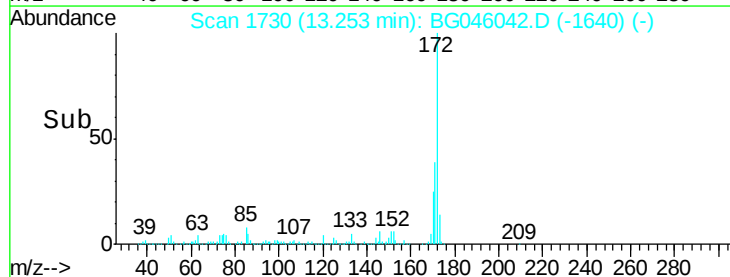
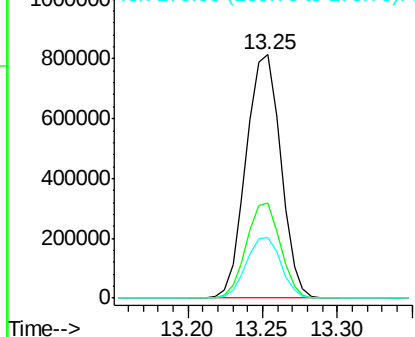


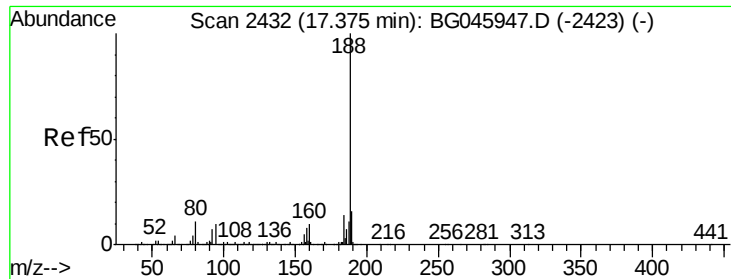
#45
 2-Fluorobiphenyl
 Concen: 76.354 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG046042.D
 Acq: 14 Jul 2020 21:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	32.9	49.3
170	25.1	21.8	32.6



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: 17.37 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG046042.D

Acq: 14 Jul 2020 21:09

Instrument :

BNA_G

ClientSampleId :

CL-02-070920

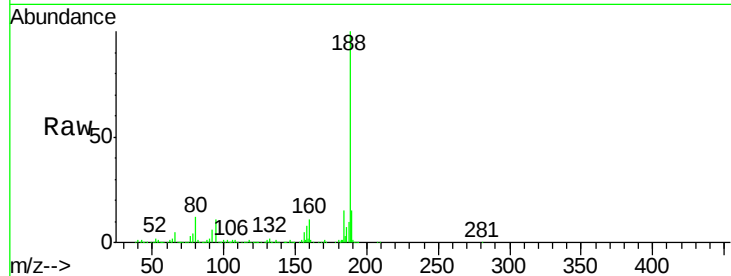
Tot Ion:188 Resp: 593177

Ion Ratio Lower Upper

188 100

94 10.6 8.2 12.4

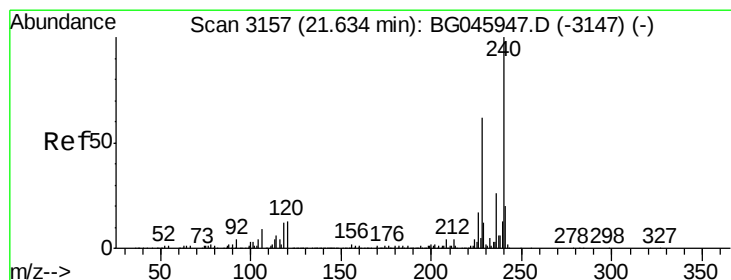
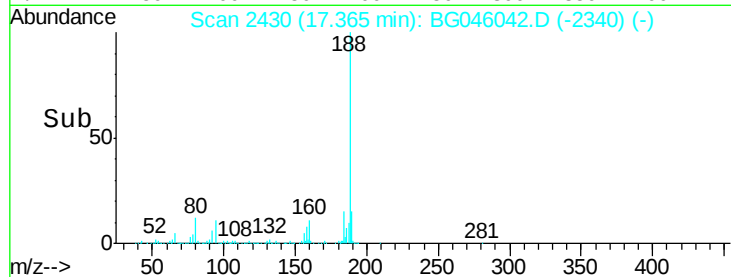
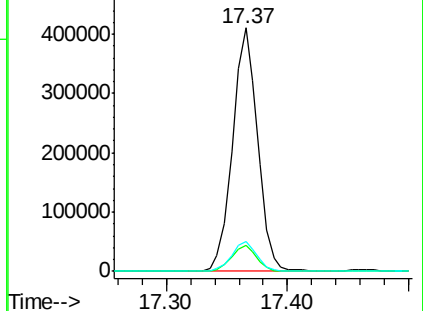
80 12.4 9.0 13.6



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: 21.62 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG046042.D

Acq: 14 Jul 2020 21:09

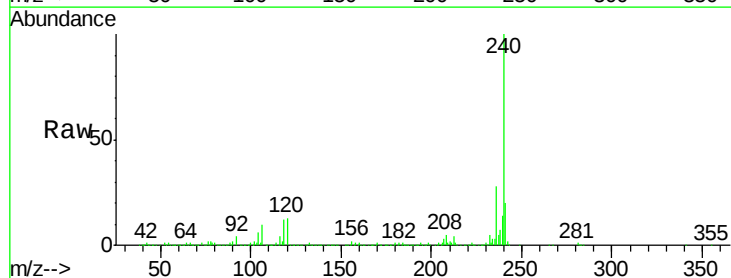
Tgt Ion:240 Resp: 616843

Ion Ratio Lower Upper

240 100

120 12.9 10.6 16.0

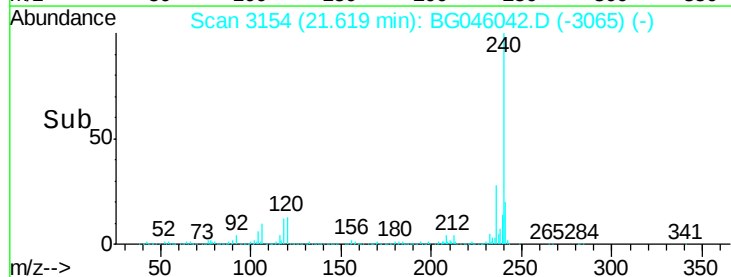
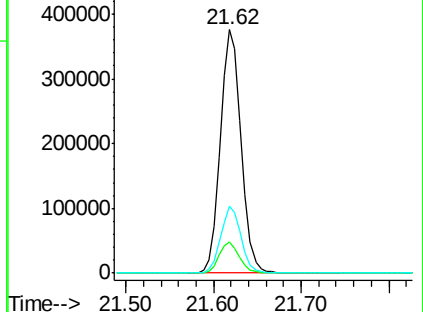
236 27.6 20.4 30.6

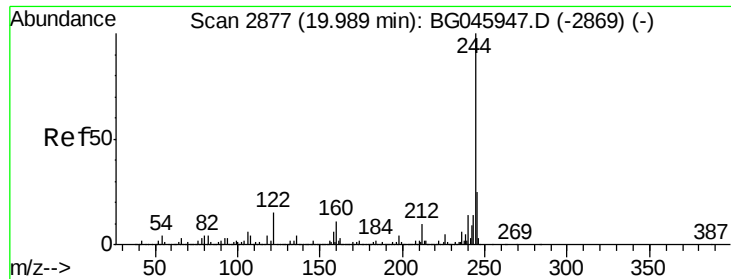


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.984 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG046042.D

Acq: 14 Jul 2020 21:09

Instrument :

BNA_G

ClientSampleId :

CL-02-070920

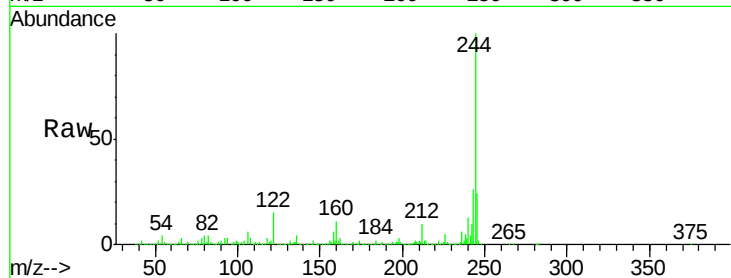
Tot Ion:244 Resp: 1912009

Ion Ratio Lower Upper

244 100

212 9.9 8.3 12.5

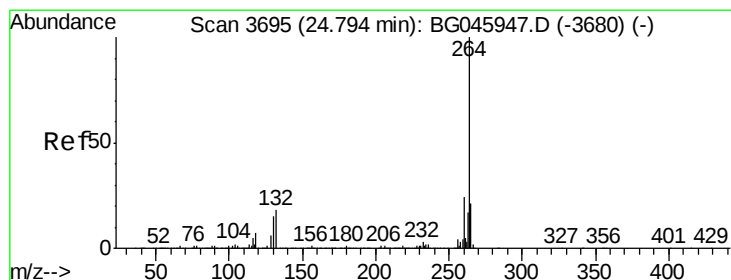
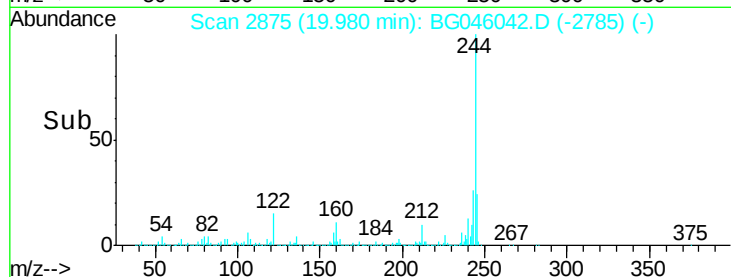
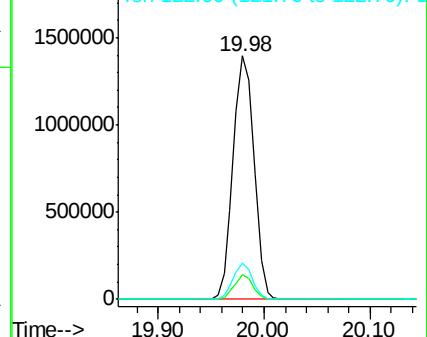
122 14.9 12.1 18.1



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: 24.77 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG046042.D

Acq: 14 Jul 2020 21:09

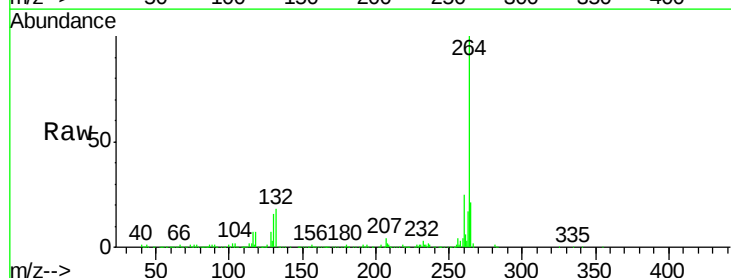
Tgt Ion:264 Resp: 592912

Ion Ratio Lower Upper

264 100

260 25.0 19.0 28.6

265 21.3 16.9 25.3



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

