

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071320\
 Data File : BG046021.D
 Acq On : 13 Jul 2020 13:55
 Operator : CG/JU
 Sample : PB130142BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130142BL

Quant Time: Jul 13 14:45:20 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	144653	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	576988	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	348368	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	753713	20.00	ng	0.00
76) Chrysene-d12	21.62	240	681411	20.00	ng	0.00
86) Perylene-d12	24.78	264	671629	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1227559	137.62	ng	0.00
7) Phenol-d6	7.17	99	1747765	136.09	ng	0.00
23) Nitrobenzene-d5	9.16	82	1073576	107.10	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	493143	152.52	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1983436	88.81	ng	0.00
79) Terphenyl-d14	19.98	244	2694505	88.00	ng	0.00

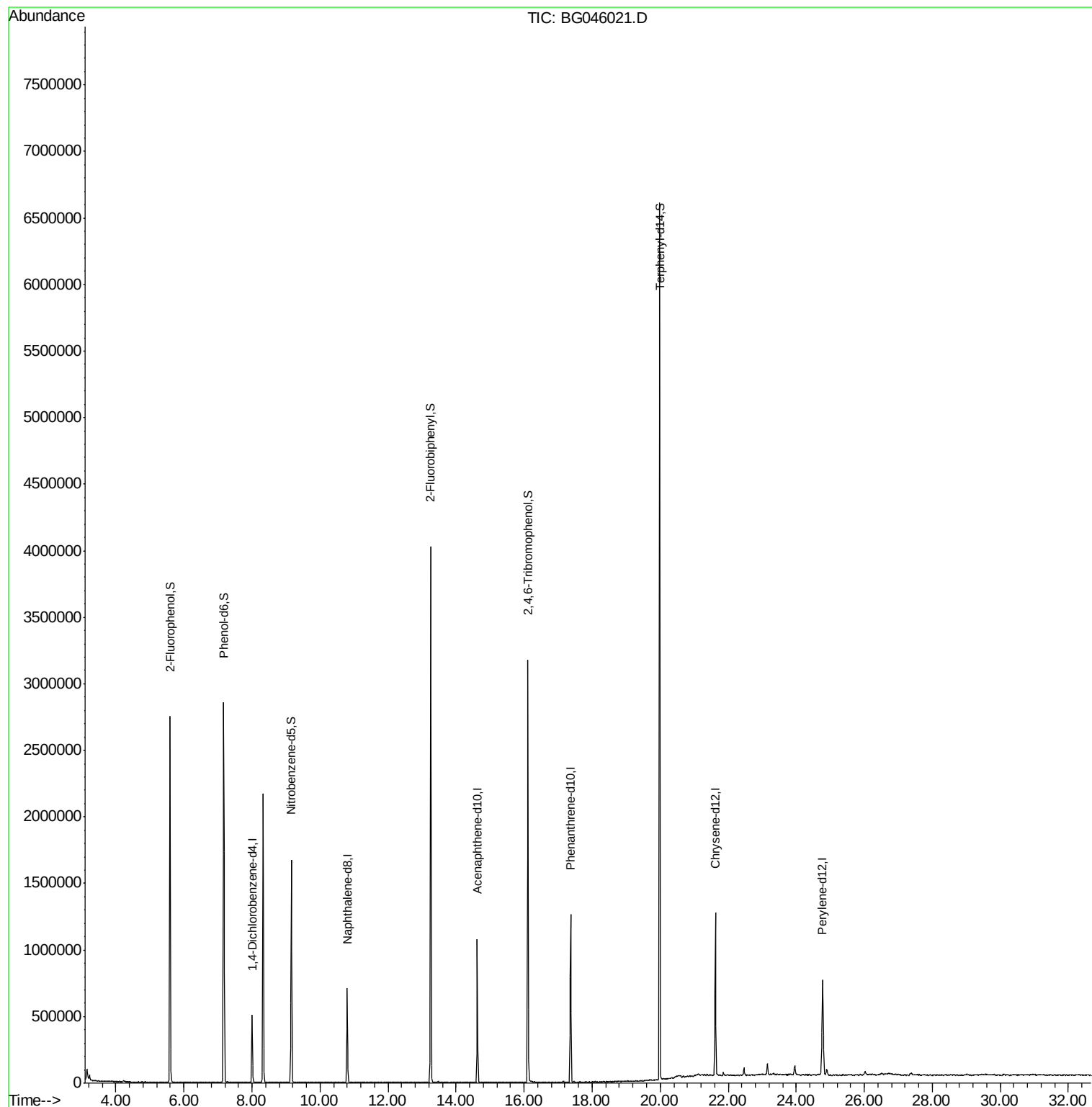
Target Compounds Qvalue

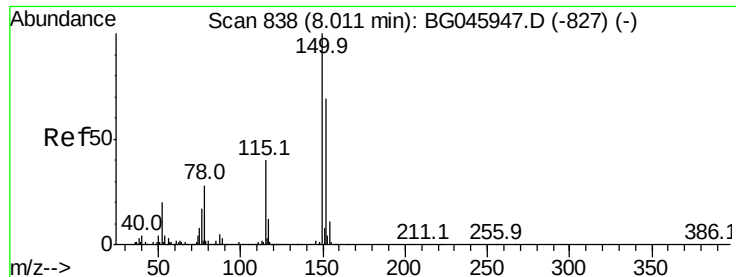
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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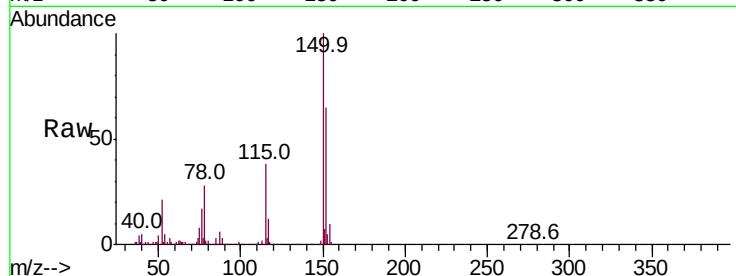


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

Instrument :
BNA_G
ClientSampleId :
PB130142BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	116.7	175.1
115	58.1	47.4	71.0

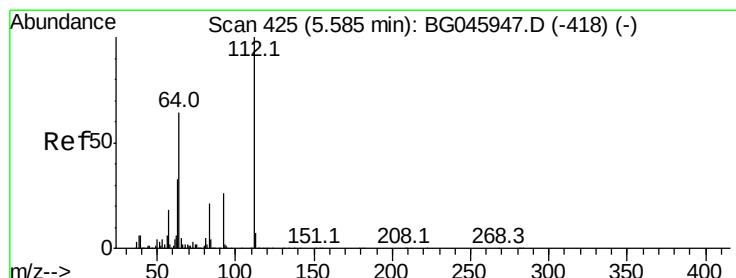
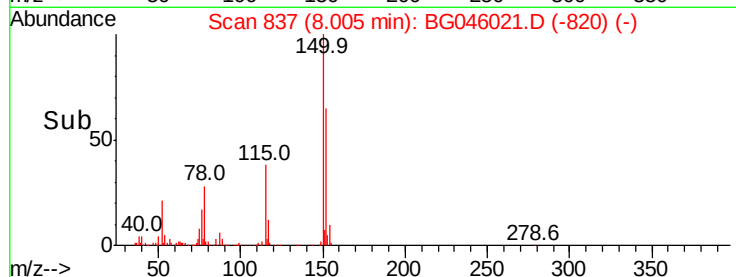
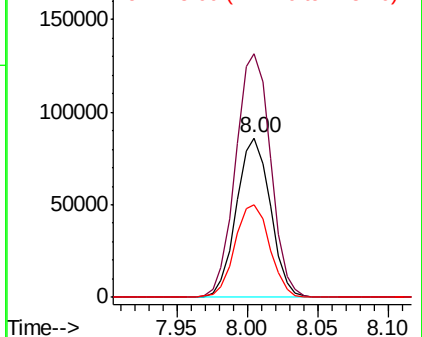


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

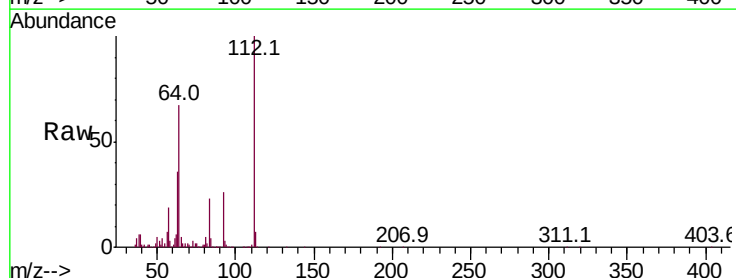
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 137.618 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.01 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	51.4	77.2
63	36.0	26.6	40.0

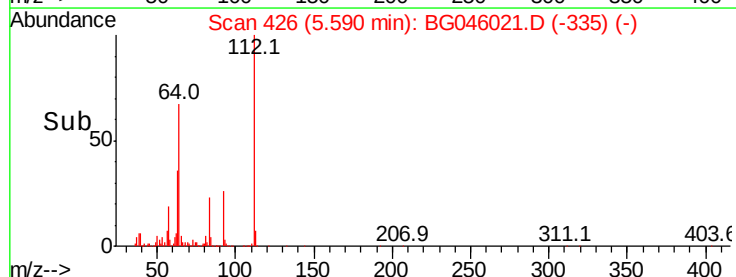
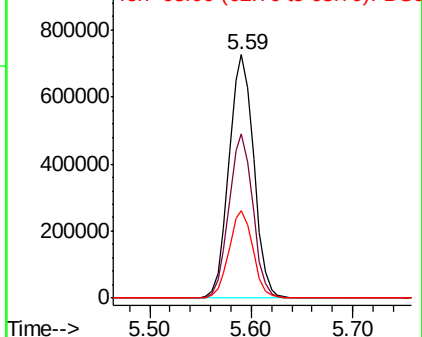


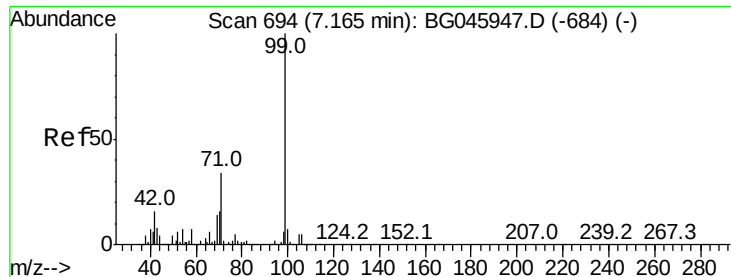
Abundance

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: 136.095 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG046021.D

Acq: 13 Jul 2020 13:55

Instrument :

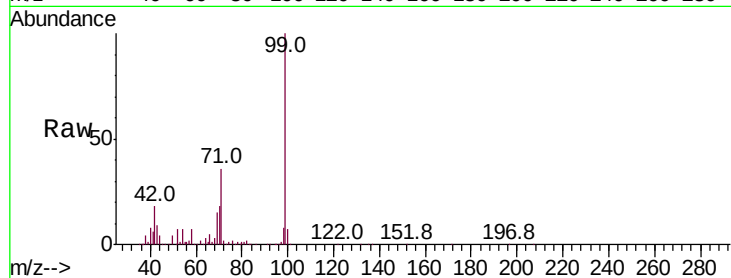
BNA_G

ClientSampleId :

PB130142BL

Tot Ion: 99 Resp: 1747765

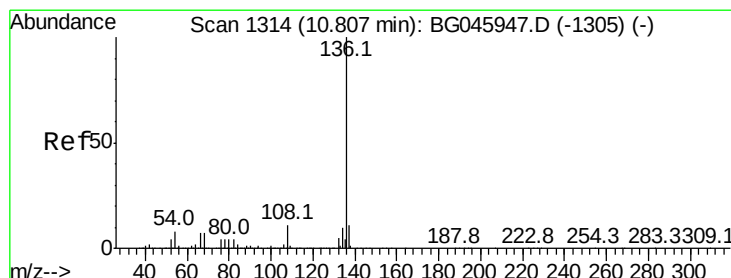
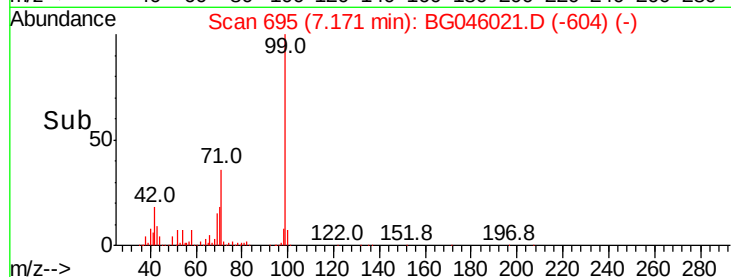
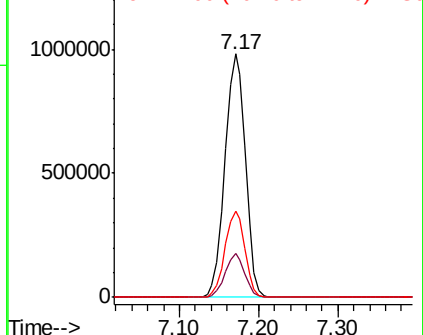
Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.0	19.4
71	35.5	27.5	41.3



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# 1313

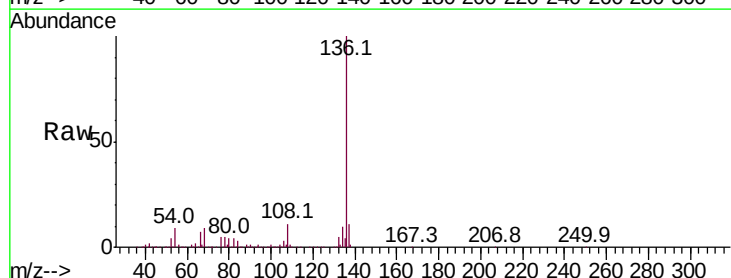
Delta R.T. -0.00 min

Lab File: BG046021.D

Acq: 13 Jul 2020 13:55

Tgt Ion: 136 Resp: 576988

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	8.6	6.2	9.4
68	8.6	5.8	8.8

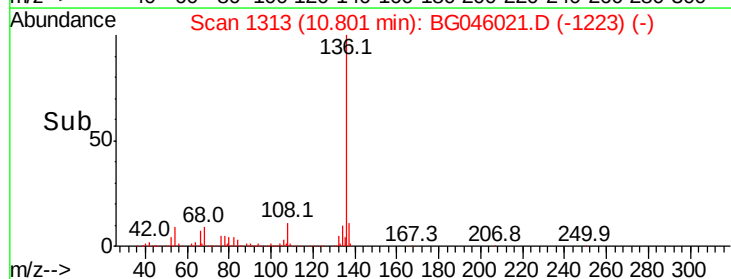
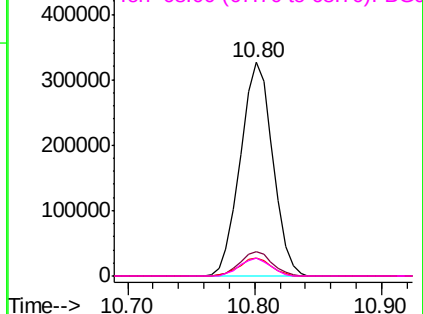


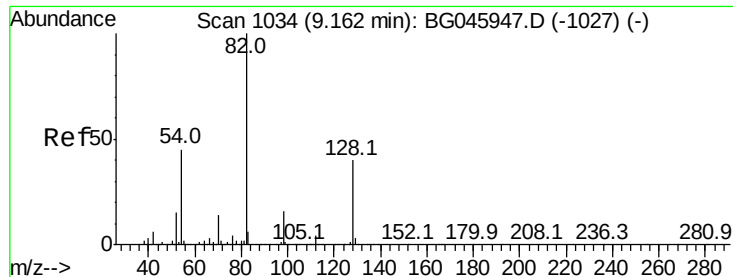
Abundance Ion 136.00 (135.70 to 136.70): BGC

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



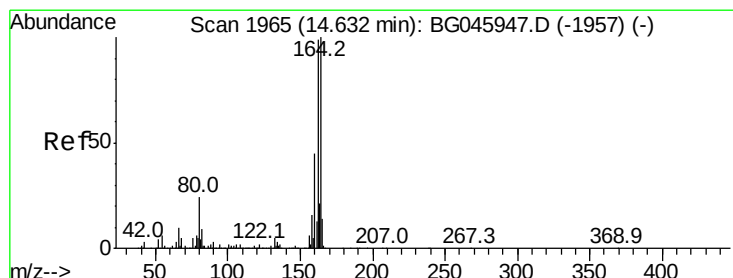
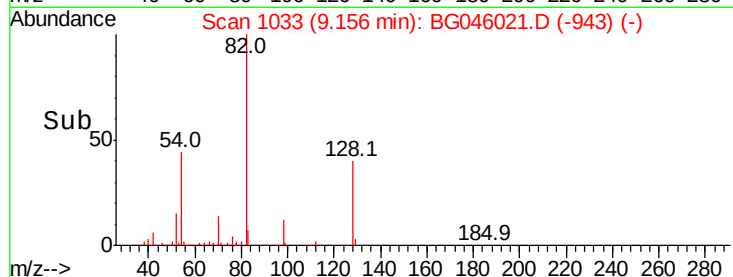
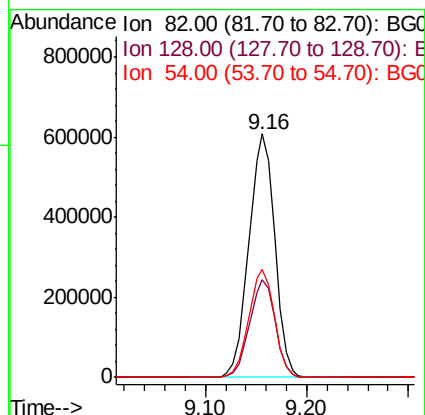
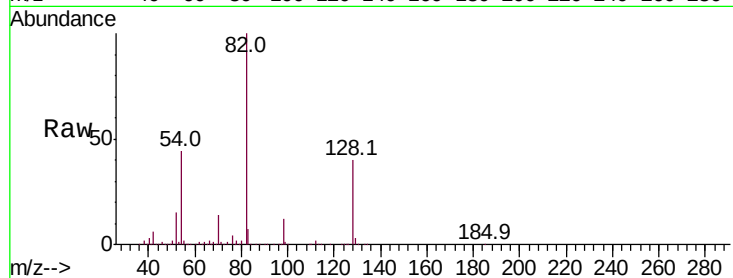


#23
 Nitrobenzene-d5
 Concen: 107.095 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG046021.D
 Acq: 13 Jul 2020 13:55

Instrument :
 BNA_G
 ClientSampleId :
 PB130142BL

Tot Ion: 82 Resp: 1073576

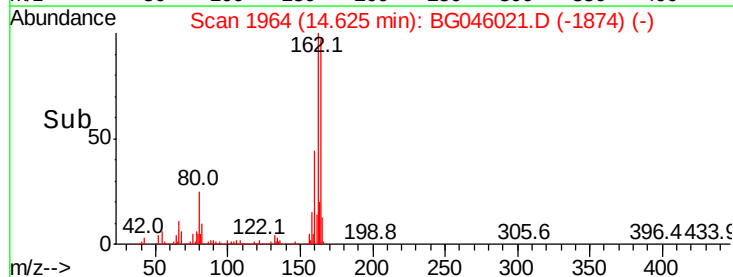
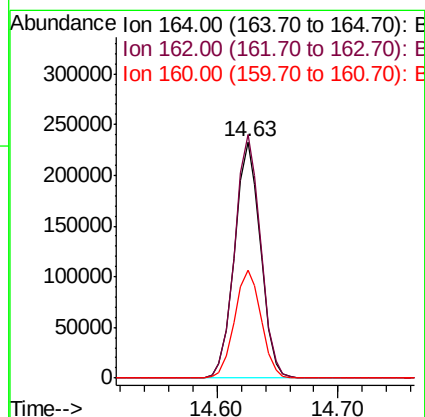
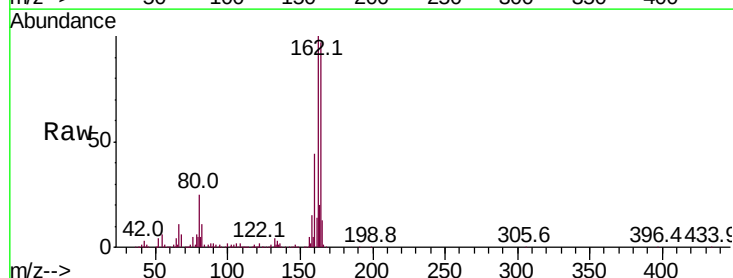
Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.2	48.4
54	44.2	35.8	53.6

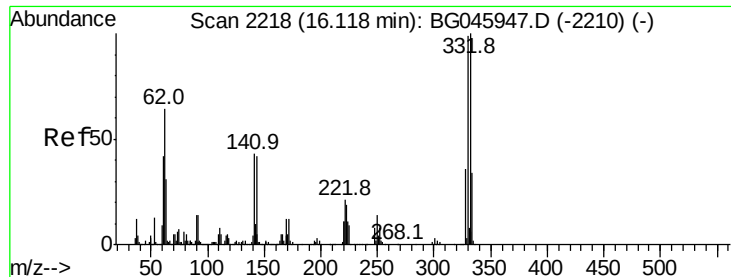


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG046021.D
 Acq: 13 Jul 2020 13:55

Tgt Ion: 164 Resp: 348368

Ion	Ratio	Lower	Upper
164	100		
162	103.1	79.3	118.9
160	45.5	35.7	53.5

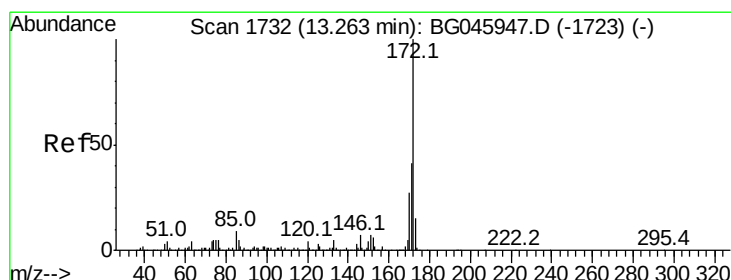
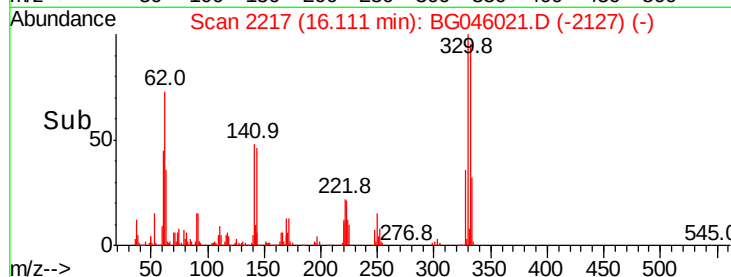
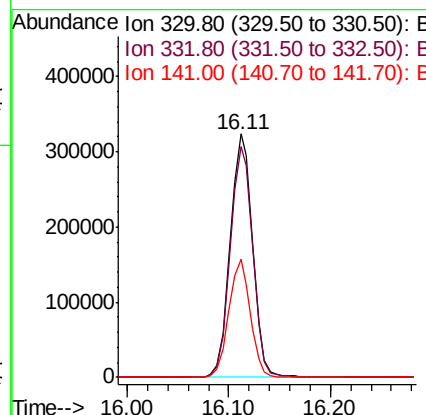
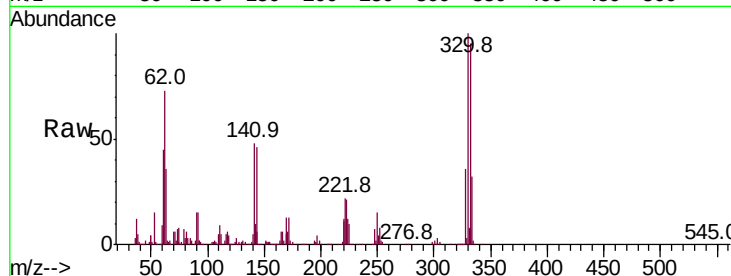




#42
2,4,6-Tribromophenol
Concen: 152.524 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

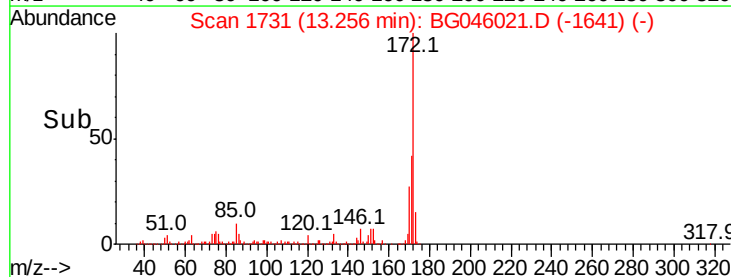
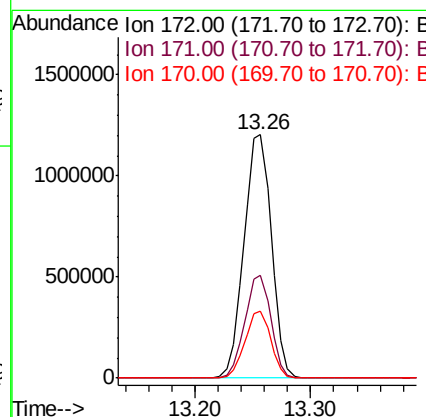
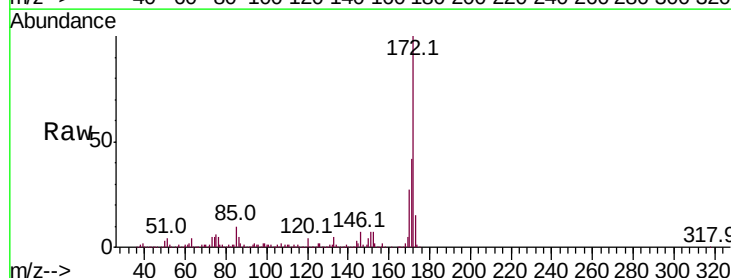
Instrument :
BNA_G
ClientSampleId :
PB130142BL

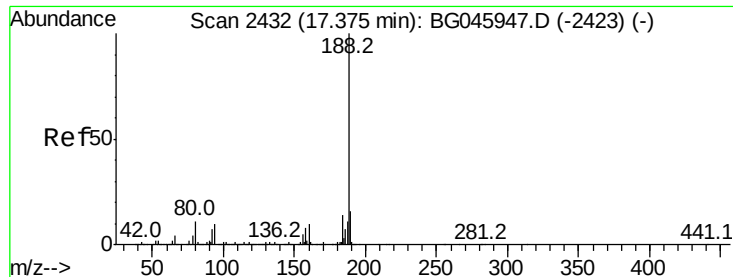
Tot Ion:330 Resp: 493143
Ion Ratio Lower Upper
330 100
332 96.0 78.3 117.5
141 46.5 36.6 54.8



#45
2-Fluorobiphenyl
Concen: 88.809 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG046021.D
Acq: 13 Jul 2020 13:55

Tgt Ion:172 Resp: 1983436
Ion Ratio Lower Upper
172 100
171 42.3 32.9 49.3
170 27.3 21.8 32.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG046021.D

Acq: 13 Jul 2020 13:55

Instrument :

BNA_G

ClientSampleId :

PB130142BL

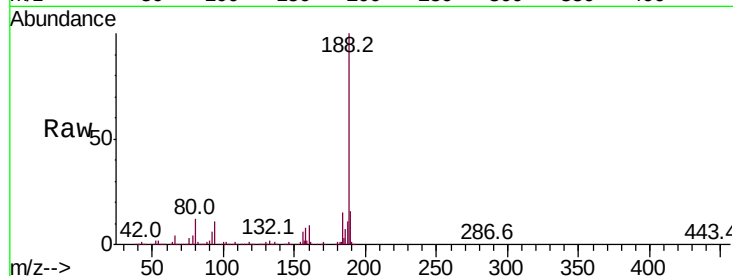
Tot Ion:188 Resp: 753713

Ion Ratio Lower Upper

188 100

94 10.6 8.2 12.4

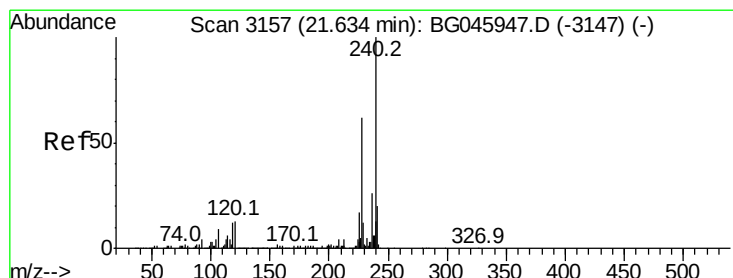
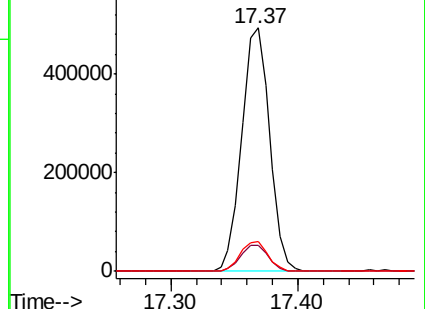
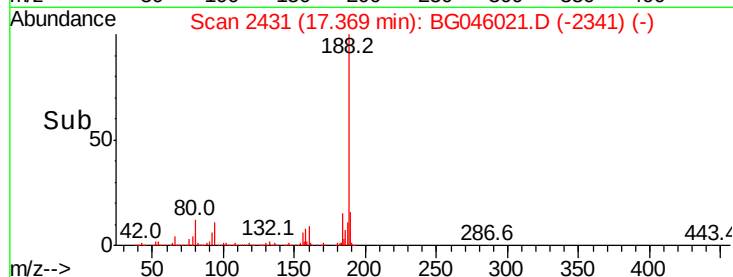
80 12.1 9.0 13.6



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: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG046021.D

Acq: 13 Jul 2020 13:55

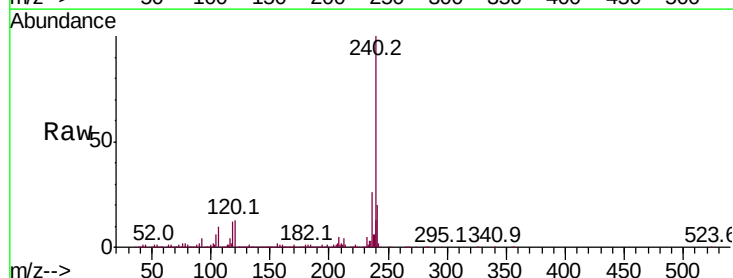
Tgt Ion:240 Resp: 681411

Ion Ratio Lower Upper

240 100

120 12.9 10.6 16.0

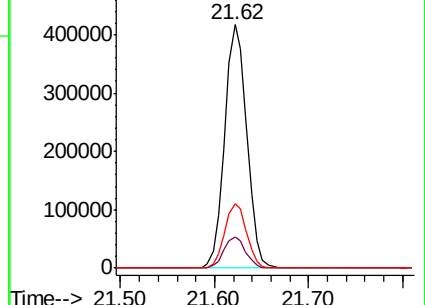
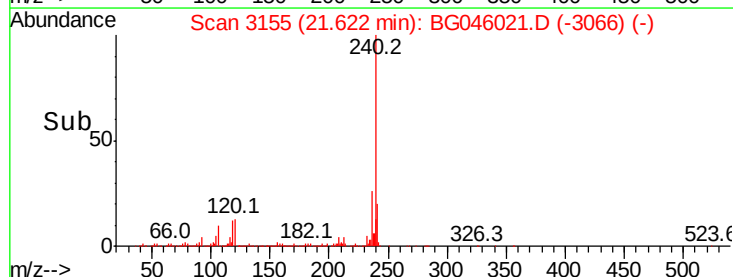
236 26.3 20.4 30.6

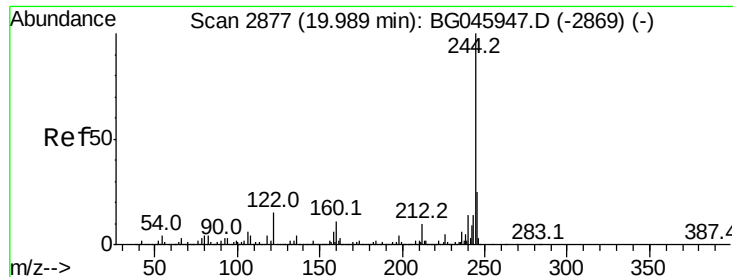


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.004 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG046021.D

Acq: 13 Jul 2020 13:55

Instrument :

BNA_G

ClientSampleId :

PB130142BL

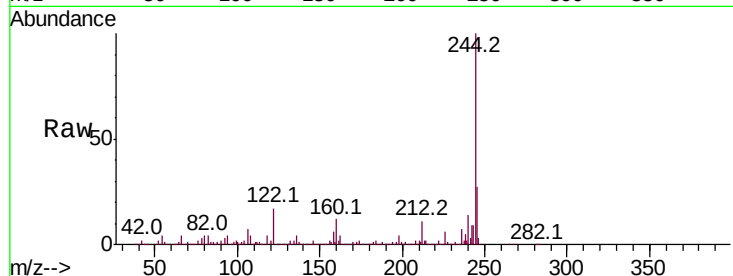
Tot Ion:244 Resp: 2694505

Ion Ratio Lower Upper

244 100

212 10.7 8.3 12.5

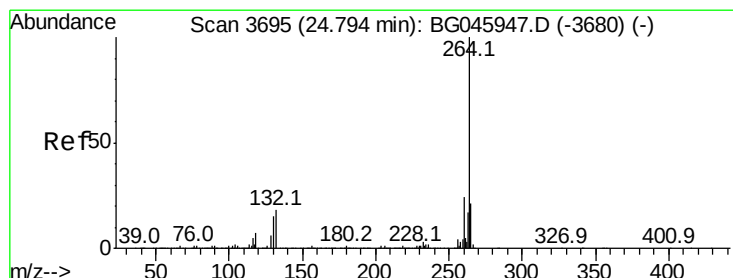
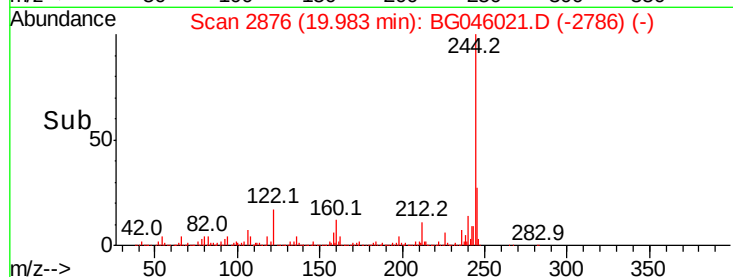
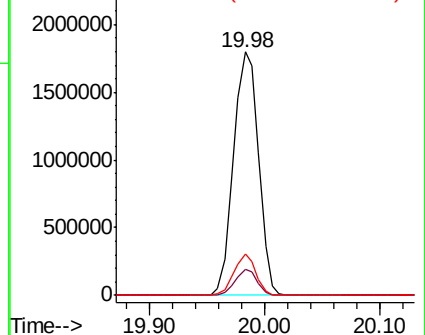
122 16.8 12.1 18.1



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: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG046021.D

Acq: 13 Jul 2020 13:55

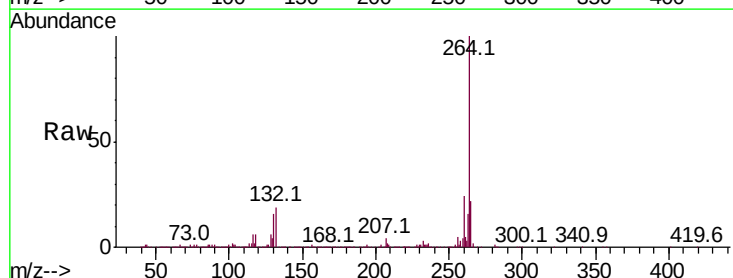
Tgt Ion:264 Resp: 671629

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 22.1 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

