

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
 Data File : BG046014.D
 Acq On : 10 Jul 2020 19:52
 Operator : CG/JU
 Sample : L3203-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-10

Quant Time: Jul 11 01:15:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	123244	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	507082	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	332131	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	813446	20.00	ng	0.00
76) Chrysene-d12	21.62	240	739915	20.00	ng	0.00
86) Perylene-d12	24.78	264	715738	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	896306	117.94	ng	0.00
7) Phenol-d6	7.16	99	1170465	106.97	ng	0.00
23) Nitrobenzene-d5	9.16	82	994112	112.84	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	529394	171.74	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1867908	87.72	ng	0.00
79) Terphenyl-d14	19.99	244	3002244	90.30	ng	0.00

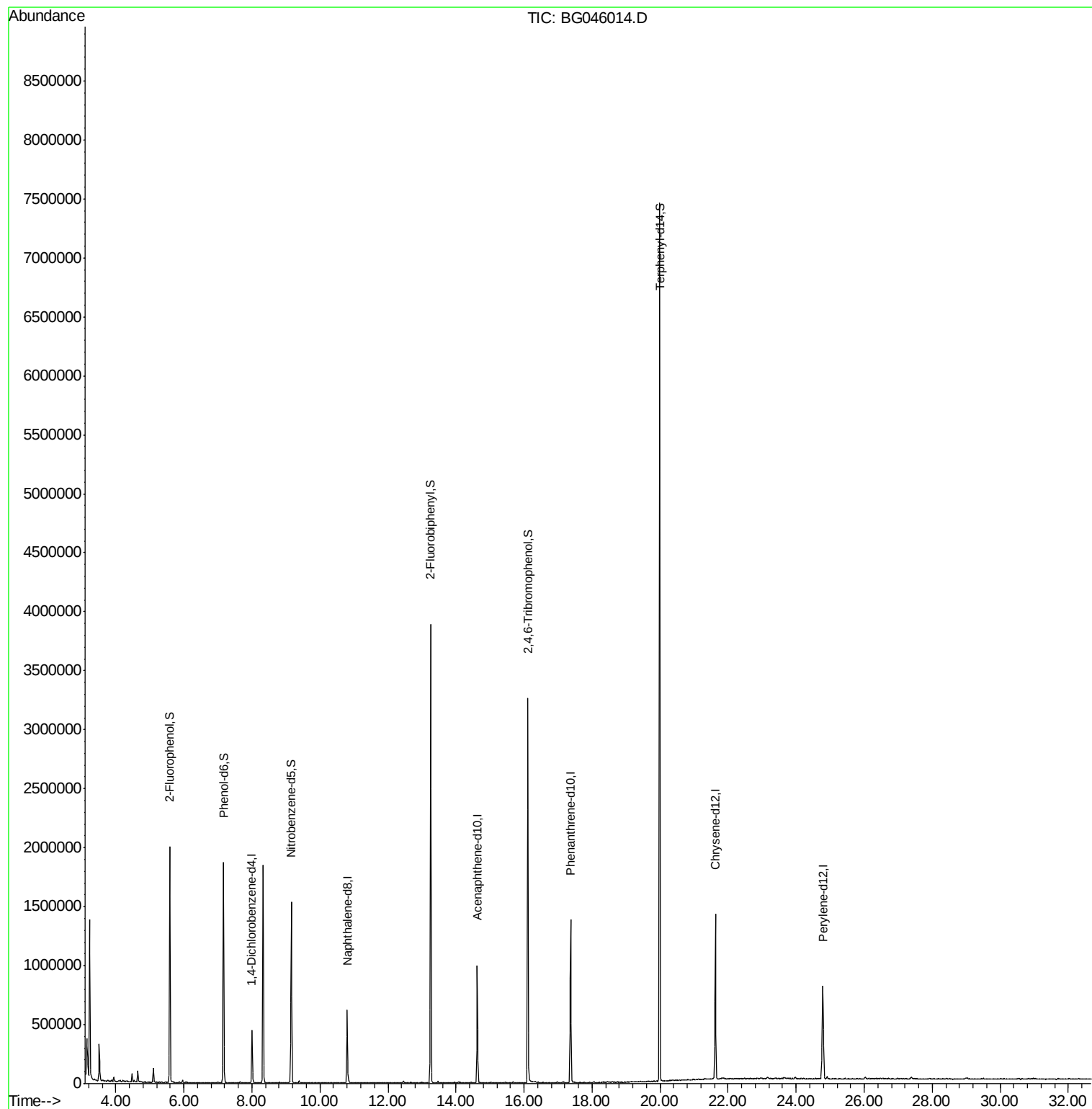
Target Compounds Qvalue

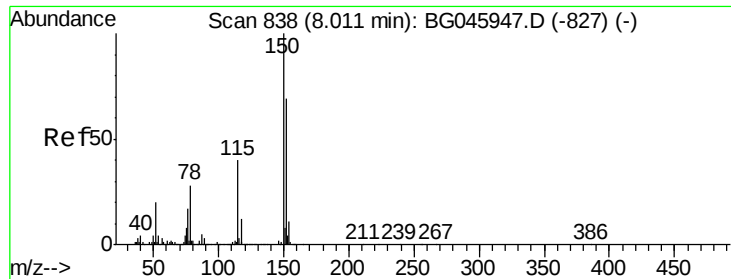
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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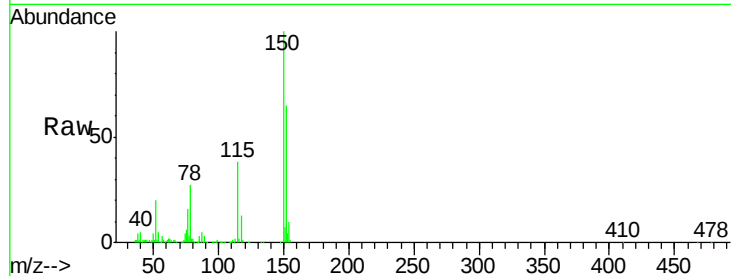


#1

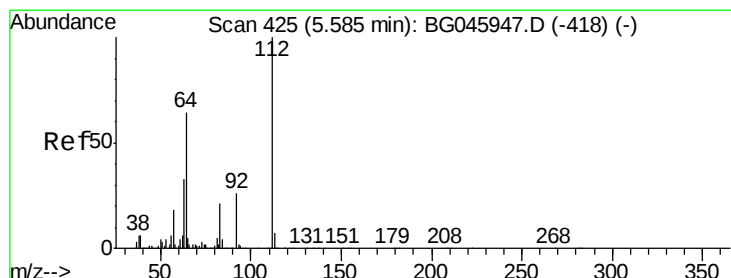
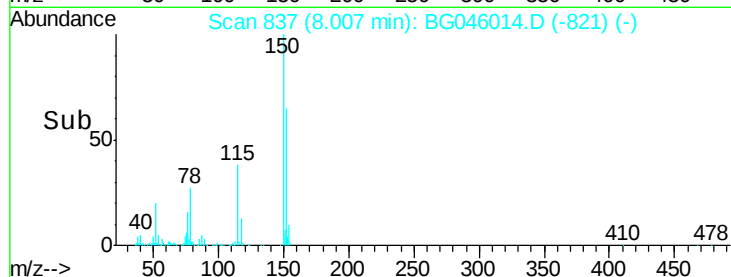
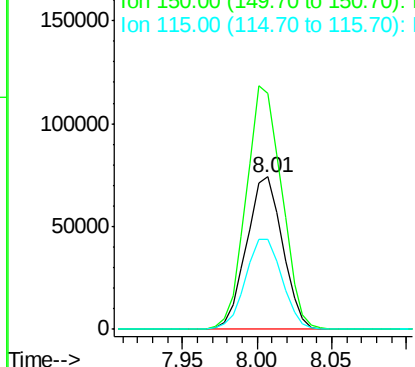
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG046014.D
Acq: 10 Jul 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	116.7	175.1
115	58.8	47.4	71.0



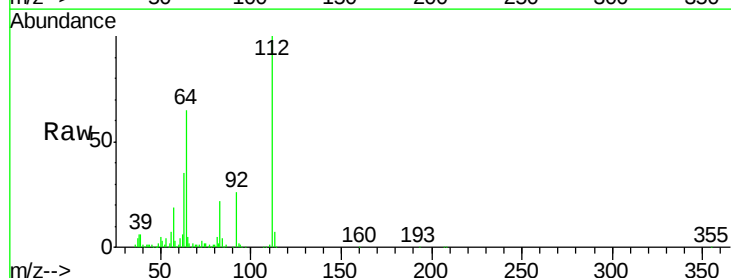
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



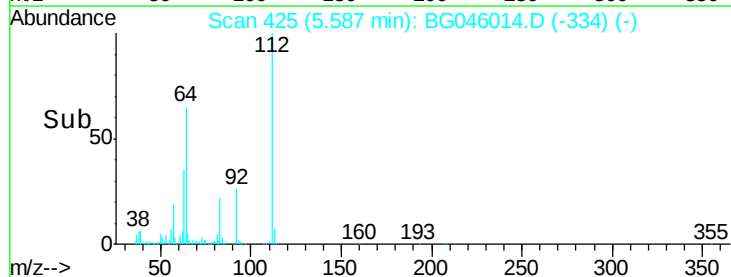
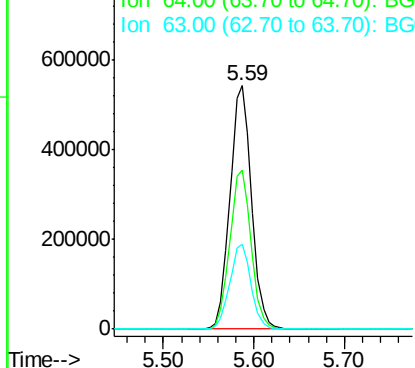
#5

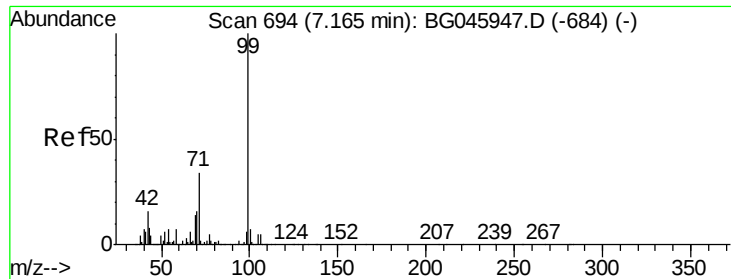
2-Fluorophenol
Concen: 117.938 ng
RT: 5.59 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG046014.D
Acq: 10 Jul 2020 19:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	51.4	77.2
63	34.7	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: 106.974 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG046014.D

Acq: 10 Jul 2020 19:52

Instrument :

BNA_G

ClientSampleId :

RO-10

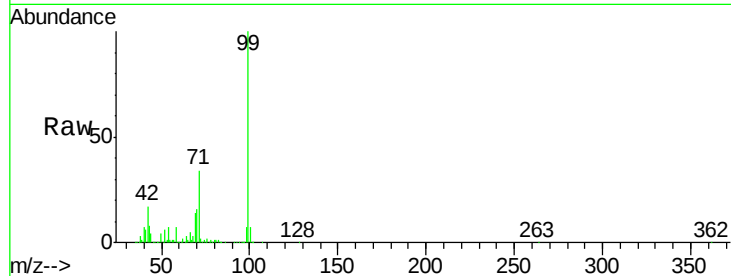
Tot Ion: 99 Resp: 1170465

Ion Ratio Lower Upper

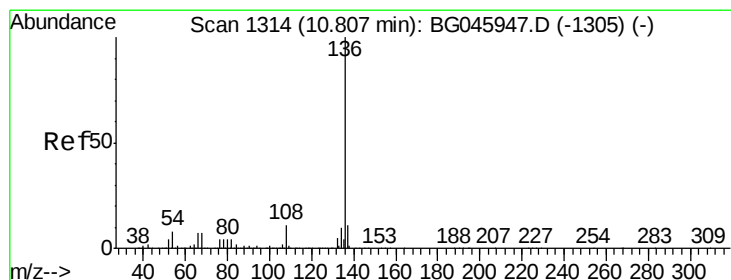
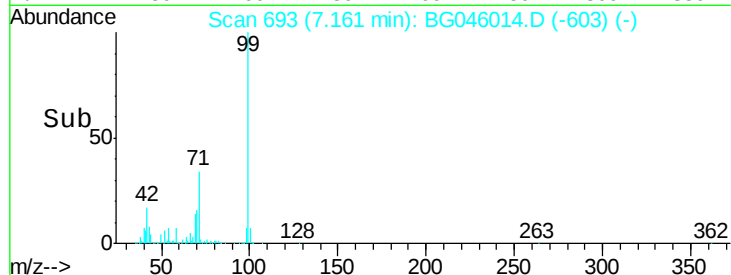
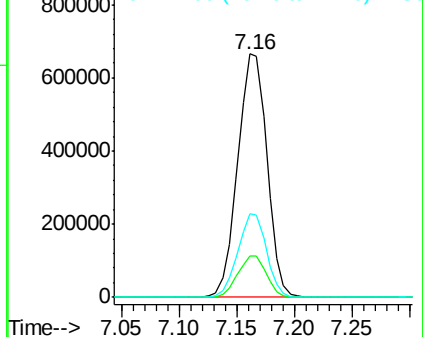
99 100

42 16.8 13.0 19.4

71 34.1 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# 1313

Delta R.T. -0.00 min

Lab File: BG046014.D

Acq: 10 Jul 2020 19:52

Tgt Ion: 136 Resp: 507082

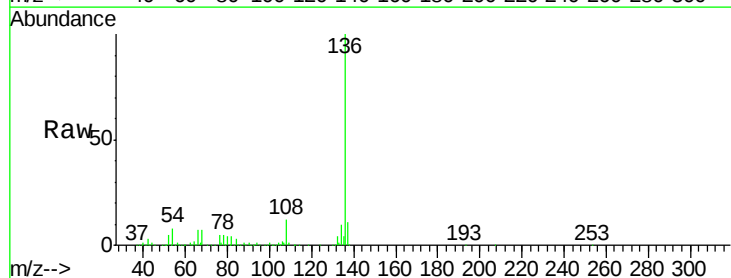
Ion Ratio Lower Upper

136 100

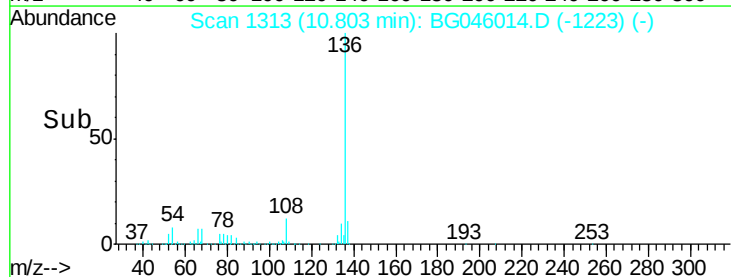
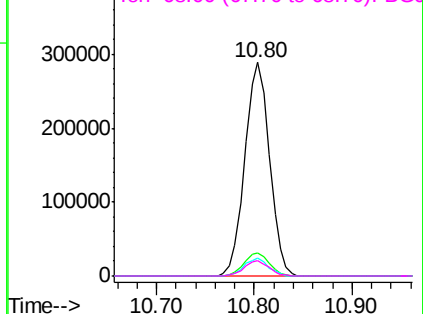
137 11.1 9.2 13.8

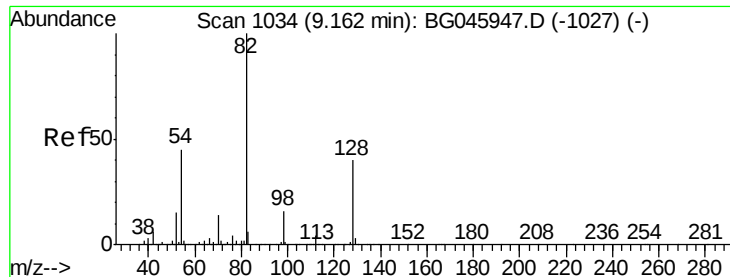
54 8.2 6.2 9.4

68 7.5 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: 112.840 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BG046014.D

Acq: 10 Jul 2020 19:52

Instrument :

BNA_G

ClientSampleId :

RO-10

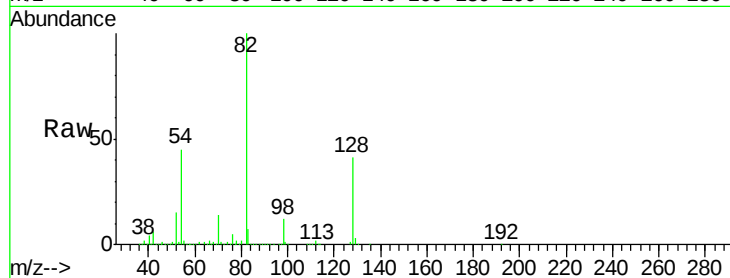
Tot Ion: 82 Resp: 994112

Ion Ratio Lower Upper

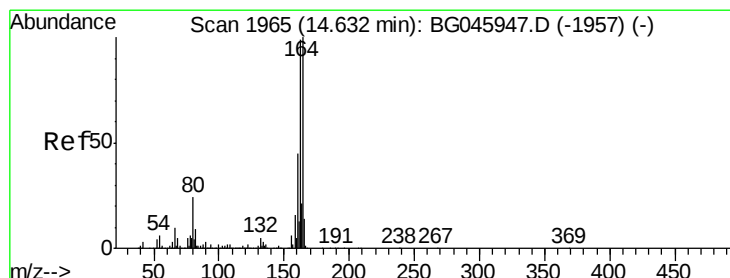
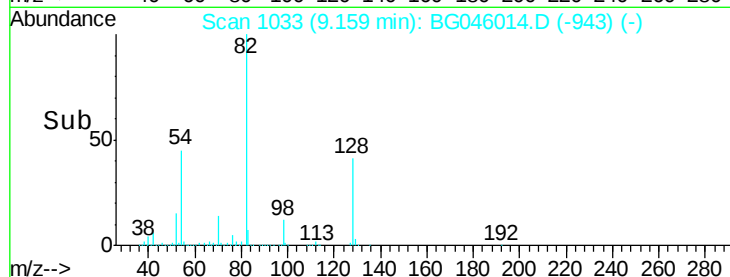
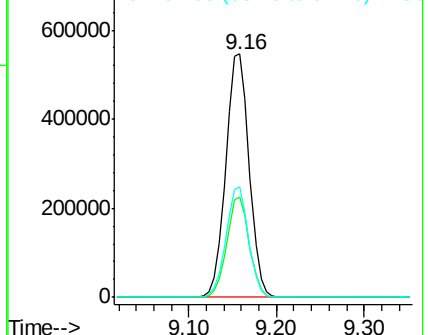
82 100

128 41.2 32.2 48.4

54 45.2 35.8 53.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG046014.D

Acq: 10 Jul 2020 19:52

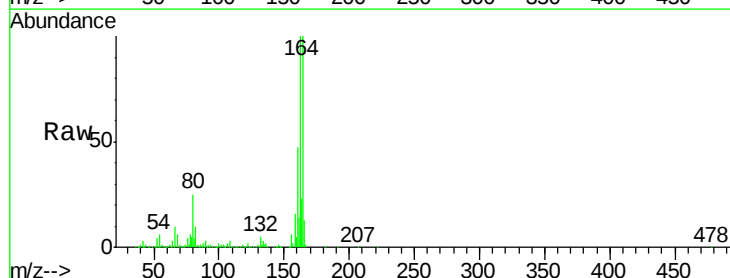
Tgt Ion:164 Resp: 332131

Ion Ratio Lower Upper

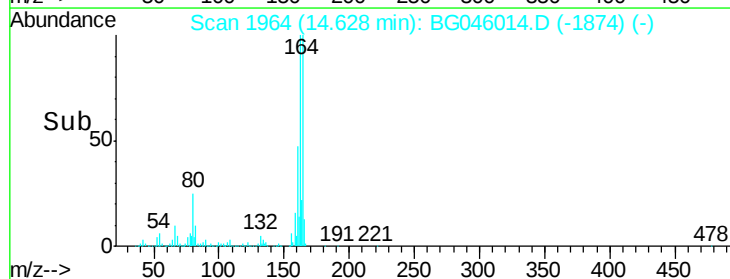
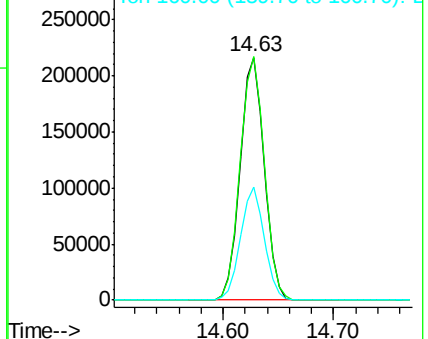
164 100

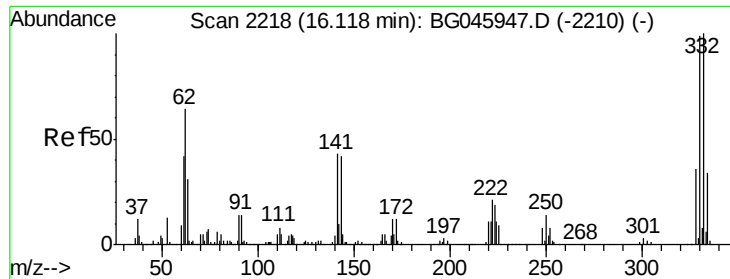
162 100.3 79.3 118.9

160 46.8 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

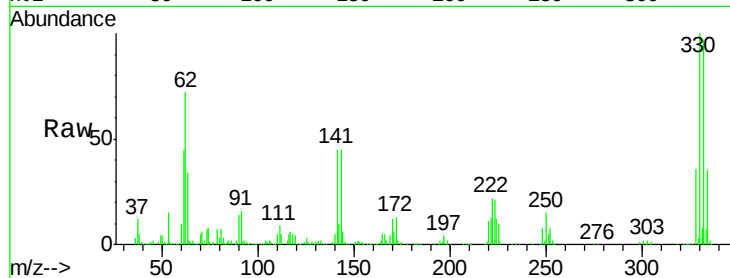




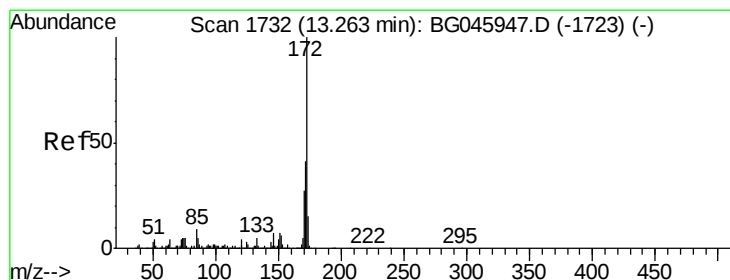
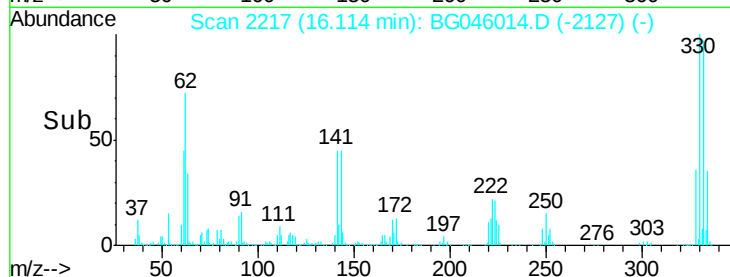
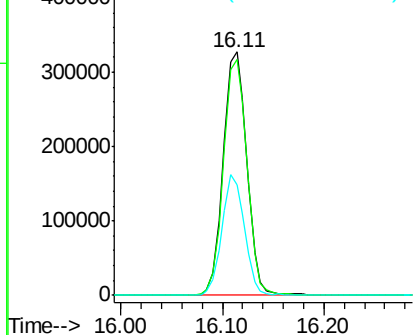
#42
 2,4,6-Tribromophenol
 Concen: 171.741 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: BG046014.D
 Acq: 10 Jul 2020 19:52

Instrument :
 BNA_G
 ClientSampled :
 RO-10

Tot Ion:330 Resp: 529394
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.3 117.5
 141 47.4 36.6 54.8

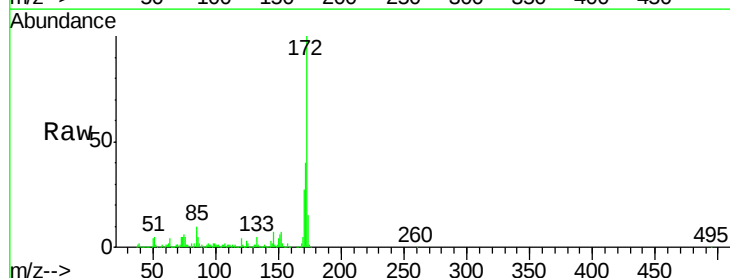


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

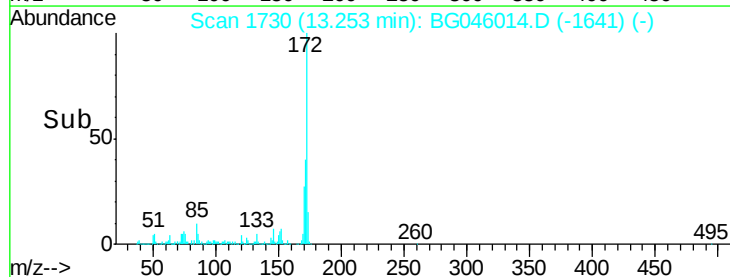
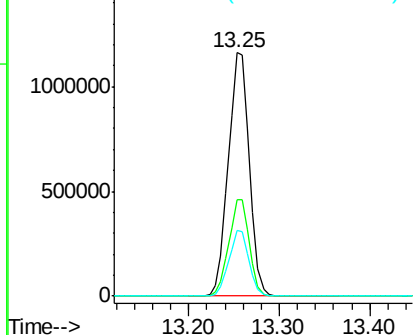


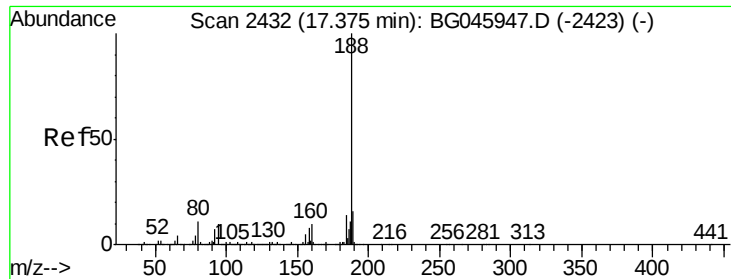
#45
 2-Fluorobiphenyl
 Concen: 87.725 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG046014.D
 Acq: 10 Jul 2020 19:52

Tgt Ion:172 Resp: 1867908
 Ion Ratio Lower Upper
 172 100
 171 39.8 32.9 49.3
 170 26.8 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

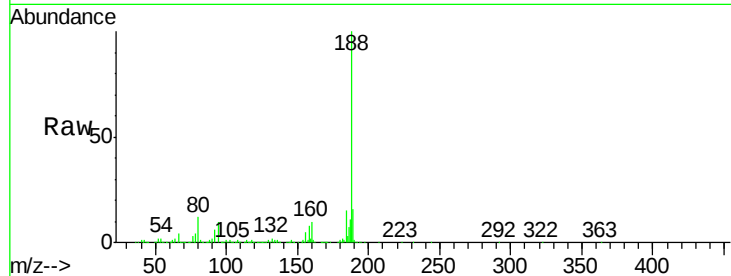




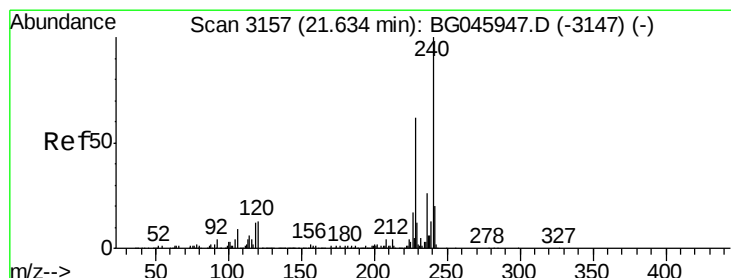
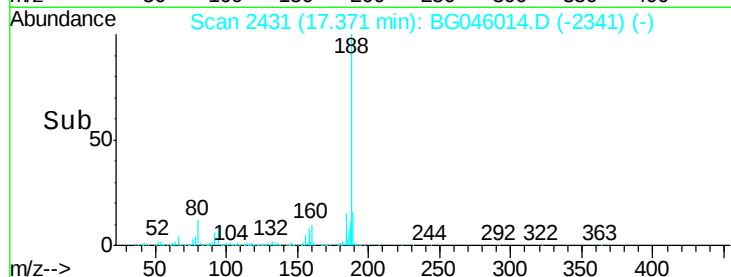
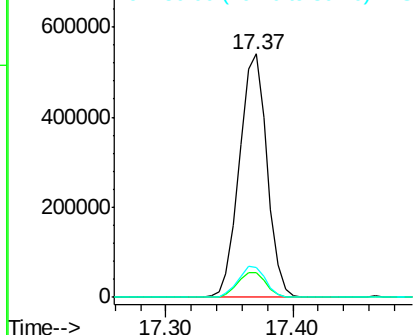
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BG046014.D
Acq: 10 Jul 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10

Tot Ion:188 Resp: 813446
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.4
80 12.2 9.0 13.6

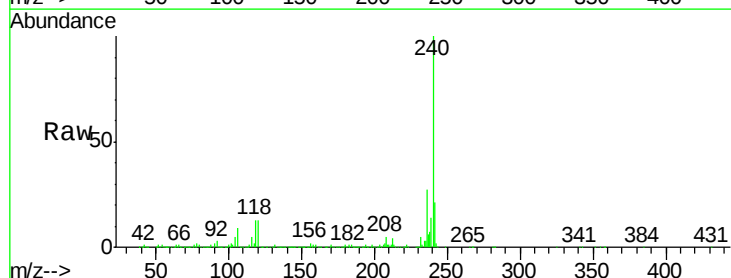


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

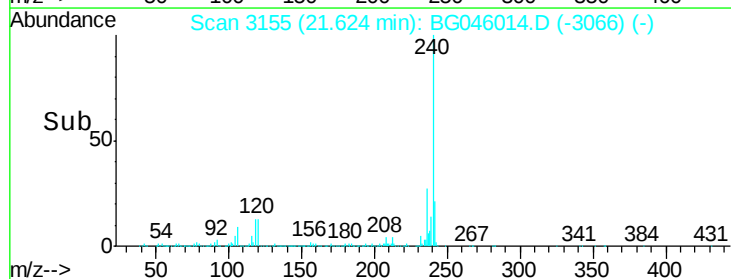
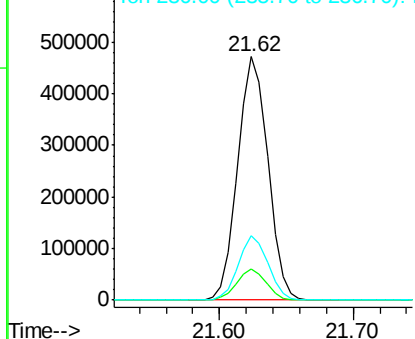


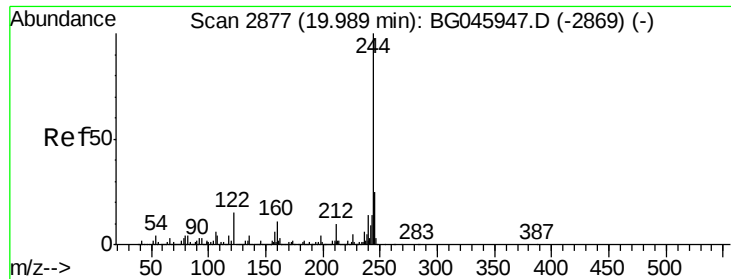
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG046014.D
Acq: 10 Jul 2020 19:52

Tgt Ion:240 Resp: 739915
Ion Ratio Lower Upper
240 100
120 12.8 10.6 16.0
236 26.7 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: 90.301 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG046014.D

Acq: 10 Jul 2020 19:52

Instrument :

BNA_G

ClientSampleId :

RO-10

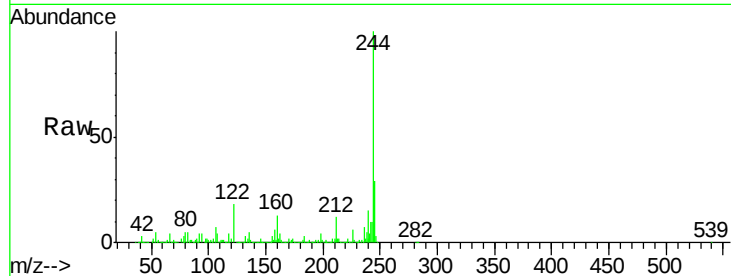
Tot Ion:244 Resp: 3002244

Ion Ratio Lower Upper

244 100

212 11.6 8.3 12.5

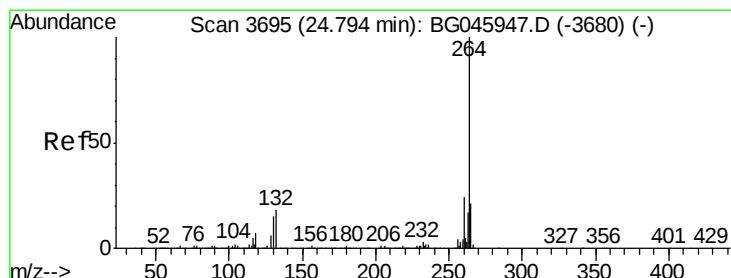
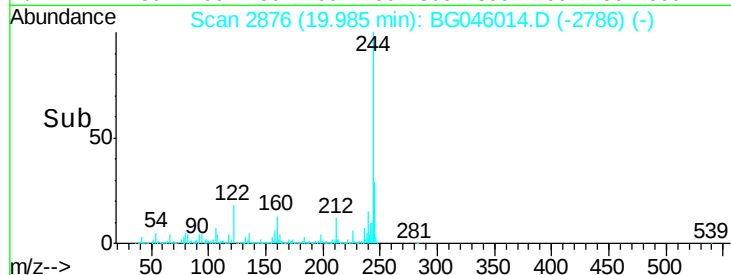
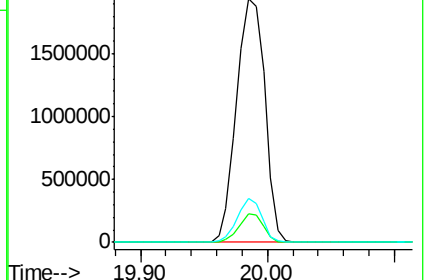
122 18.1 12.1 18.1



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# 3693

Delta R.T. -0.01 min

Lab File: BG046014.D

Acq: 10 Jul 2020 19:52

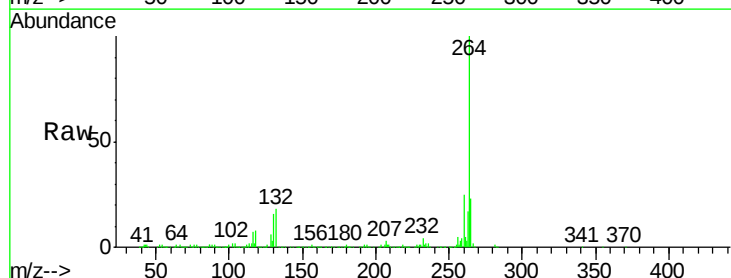
Tgt Ion:264 Resp: 715738

Ion Ratio Lower Upper

264 100

260 24.8 19.0 28.6

265 22.7 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

