

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
 Data File : BG046032.D
 Acq On : 14 Jul 2020 14:26
 Operator : CG/JU
 Sample : PB130179BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130179BL

Quant Time: Jul 14 15:18:02 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	123182	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	485588	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	281646	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	629824	20.00	ng	0.00
76) Chrysene-d12	21.62	240	670498	20.00	ng	0.00
86) Perylene-d12	24.77	264	655243	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	855126	112.58	ng	0.00
7) Phenol-d6	7.17	99	1148432	105.01	ng	0.00
23) Nitrobenzene-d5	9.16	82	736964	87.35	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	309040	118.23	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1324324	73.34	ng	0.00
79) Terphenyl-d14	19.98	244	1945037	64.56	ng	0.00

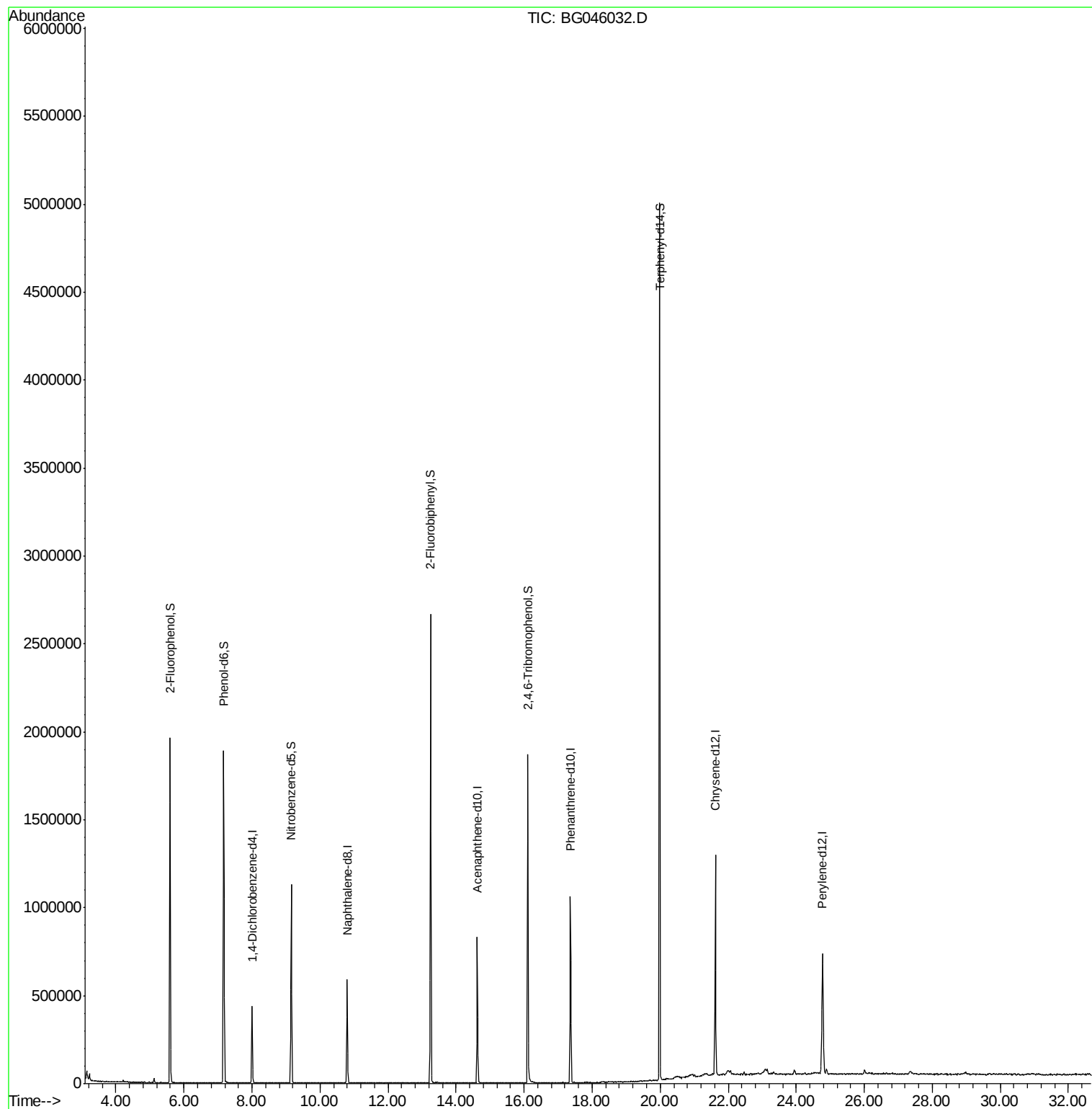
Target Compounds Qvalue

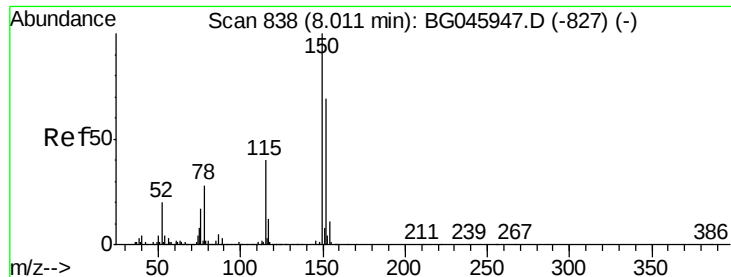
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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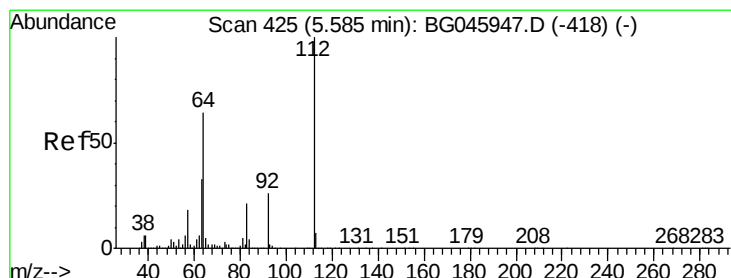
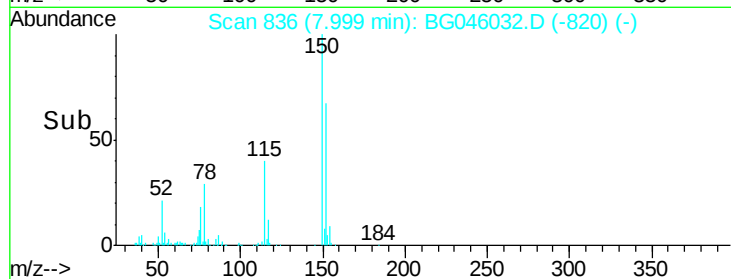
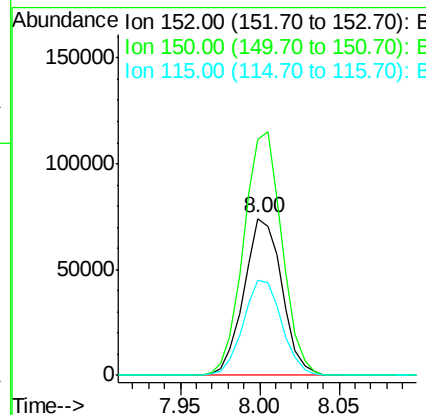
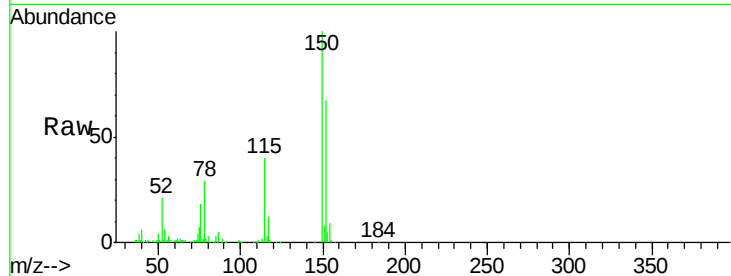


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG046032.D
Acq: 14 Jul 2020 14:26

Instrument :
BNA_G
ClientSampleId :
PB130179BL

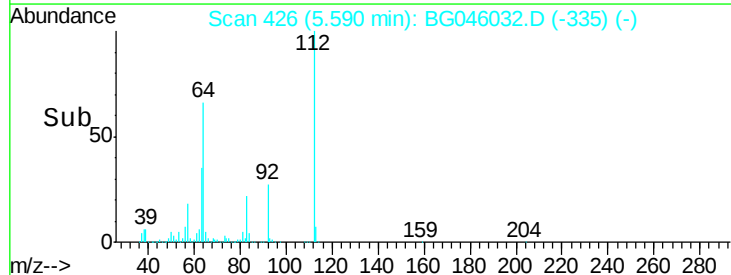
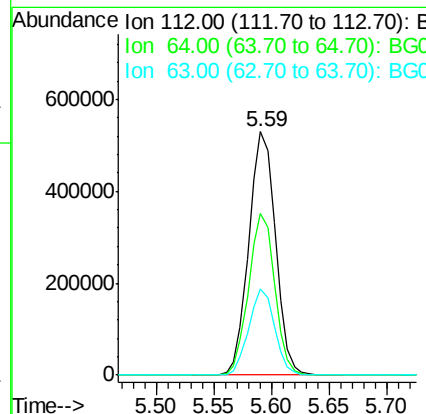
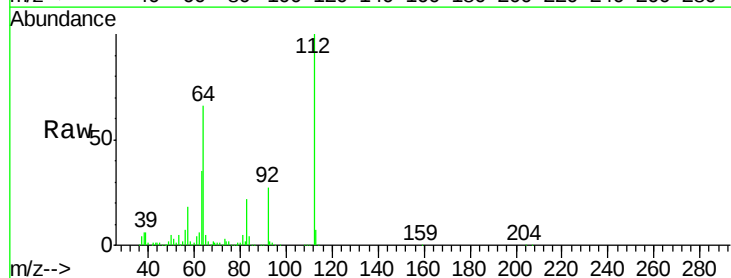
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	116.7	175.1
115	60.3	47.4	71.0

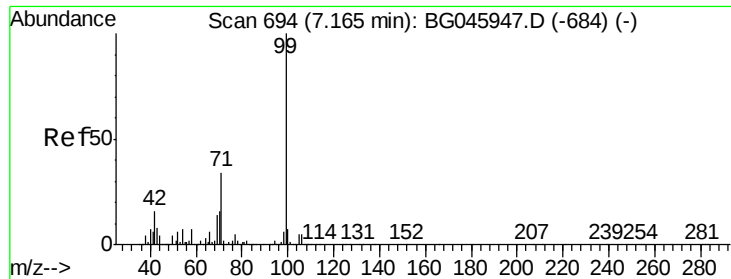


#5

2-Fluorophenol
Concen: 112.576 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.01 min
Lab File: BG046032.D
Acq: 14 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	51.4	77.2
63	35.2	26.6	40.0





#7

Phenol-d6

Concen: 105.013 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG046032.D

Acq: 14 Jul 2020 14:26

Instrument :

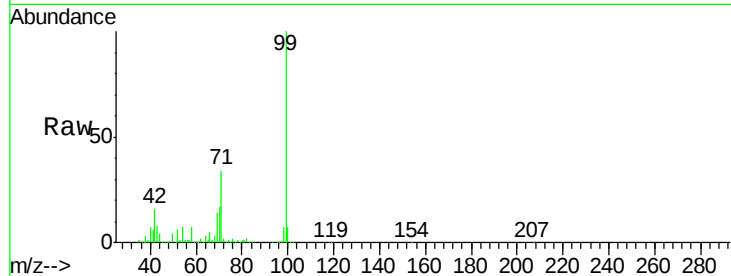
BNA_G

ClientSampleId :

PB130179BL

Tot Ion: 99 Resp: 1148432

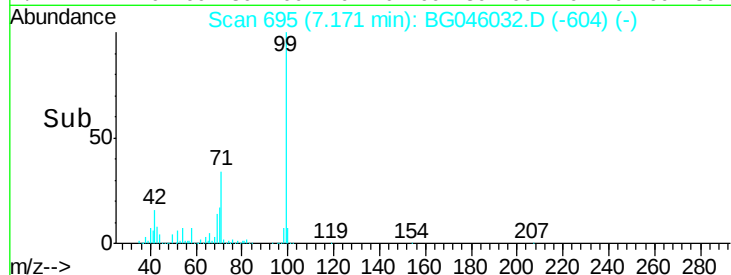
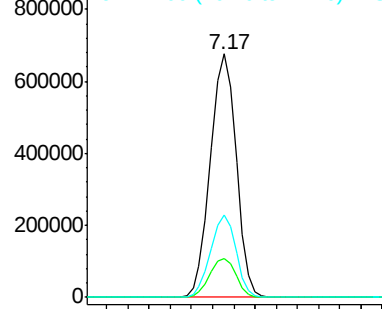
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.0	19.4
71	33.9	27.5	41.3



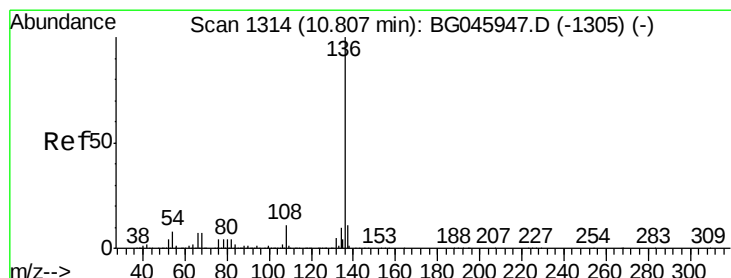
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

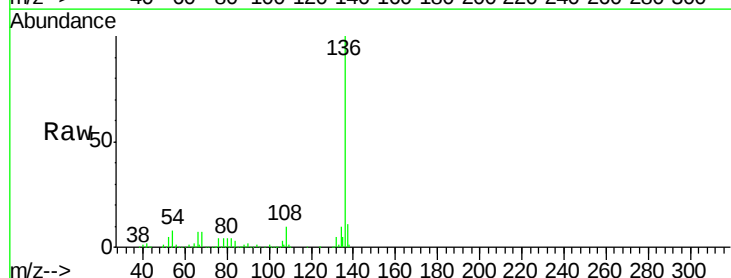
Delta R.T. -0.00 min

Lab File: BG046032.D

Acq: 14 Jul 2020 14:26

Tgt Ion: 136 Resp: 485588

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	8.2	6.2	9.4
68	7.0	5.8	8.8

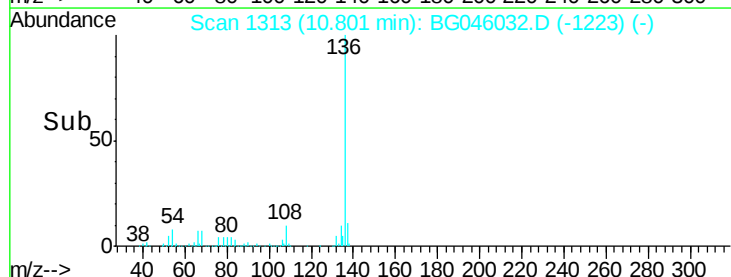
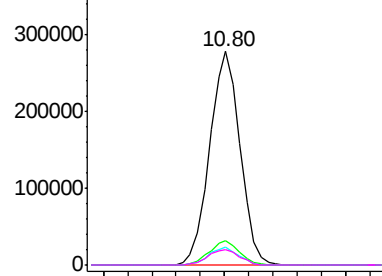


Abundance Ion 136.00 (135.70 to 136.70): BGC

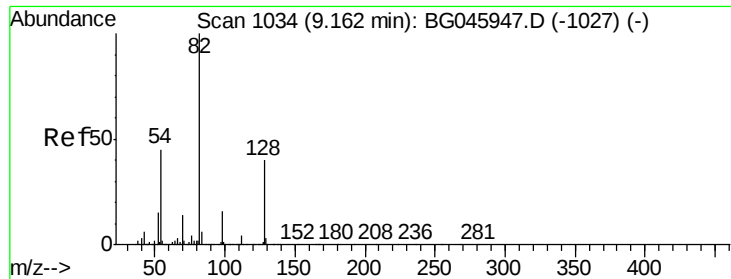
Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



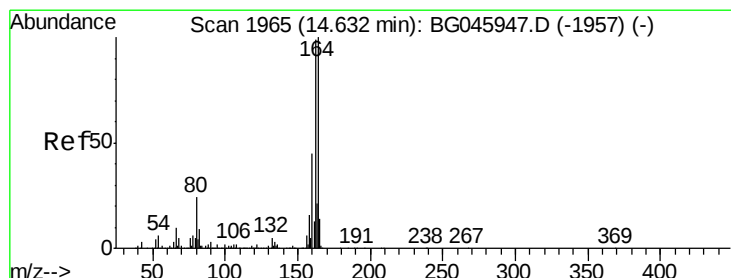
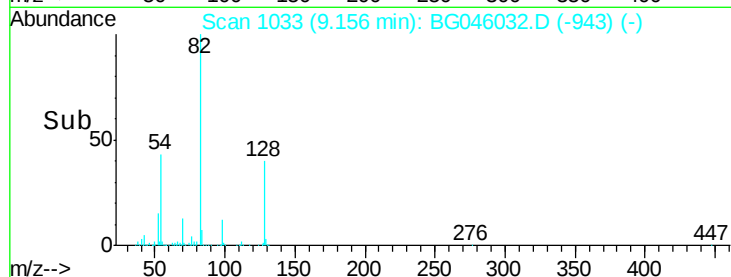
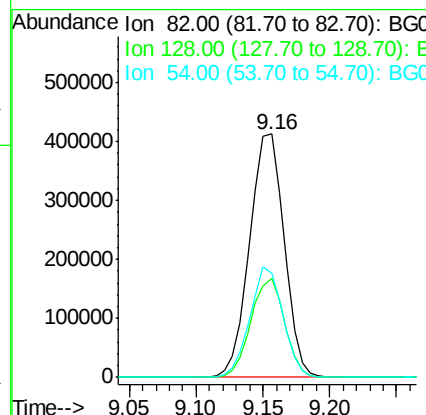
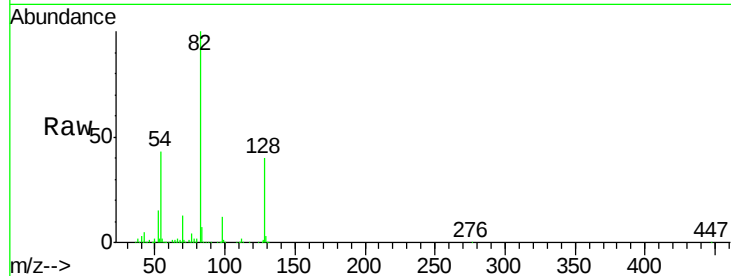
Time-->



#23
Nitrobenzene-d5
Concen: 87.354 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG046032.D
Acq: 14 Jul 2020 14:26

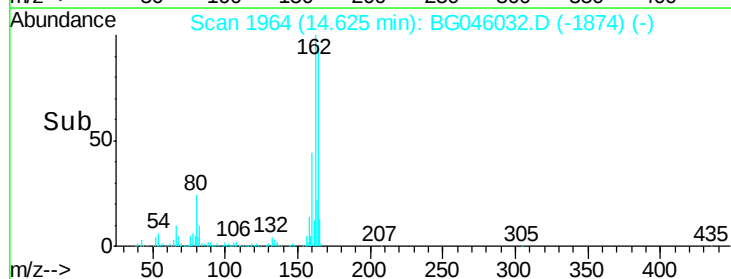
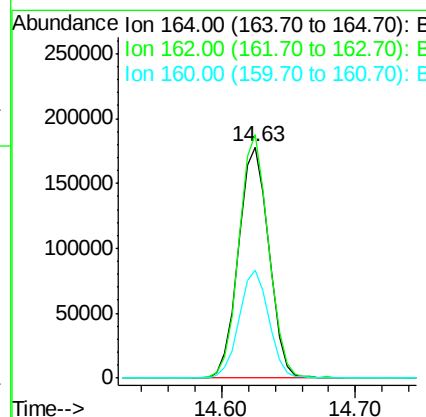
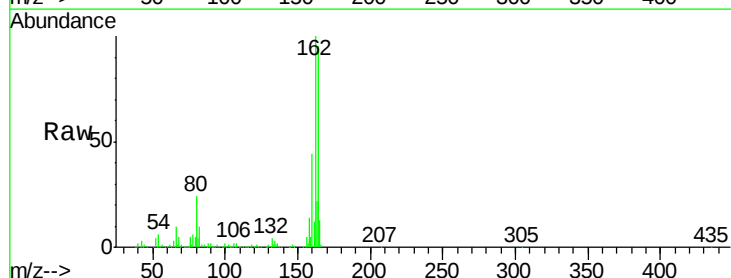
Instrument :
BNA_G
ClientSampleId :
PB130179BL

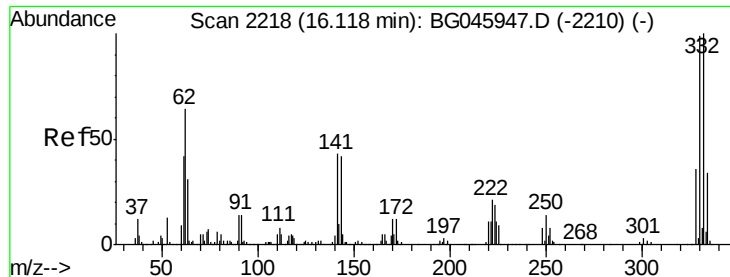
Tot Ion	82	Resp	736964
Ion Ratio	Lower	Upper	
82	100		
128	40.5	32.2	48.4
54	42.5	35.8	53.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG046032.D
Acq: 14 Jul 2020 14:26

Tgt Ion	164	Resp	281646
Ion Ratio	Lower	Upper	
164	100		
162	105.3	79.3	118.9
160	46.7	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 118.226 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG046032.D

Acq: 14 Jul 2020 14:26

Instrument :

BNA_G

ClientSampleId :

PB130179BL

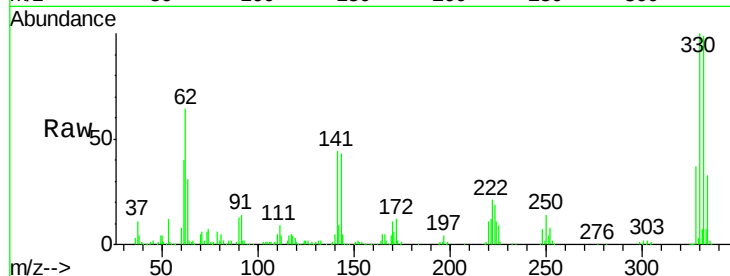
Tot Ion:330 Resp: 309040

Ion Ratio Lower Upper

330 100

332 98.8 78.3 117.5

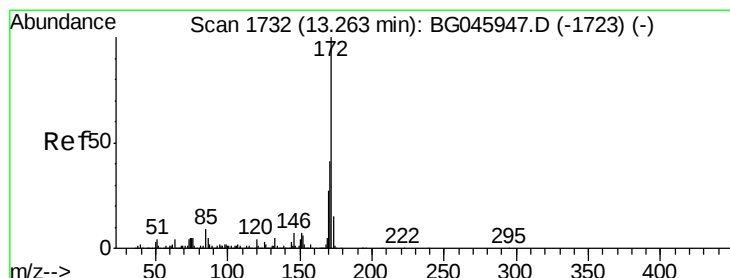
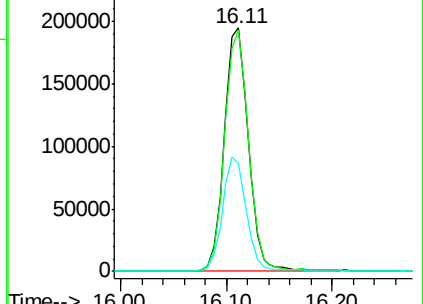
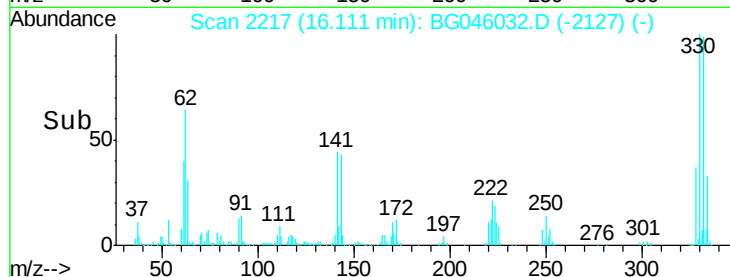
141 46.4 36.6 54.8



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: 73.344 ng

RT: 13.25 min Scan# 1730

Delta R.T. -0.01 min

Lab File: BG046032.D

Acq: 14 Jul 2020 14:26

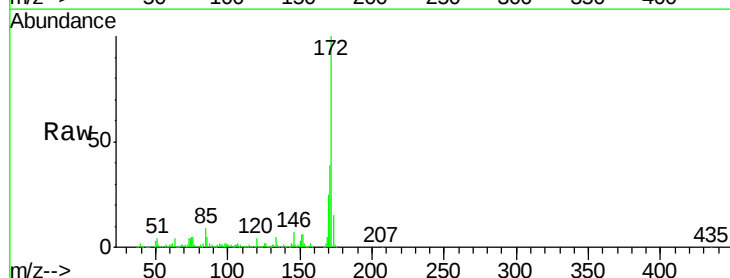
Tgt Ion:172 Resp: 1324324

Ion Ratio Lower Upper

172 100

171 39.3 32.9 49.3

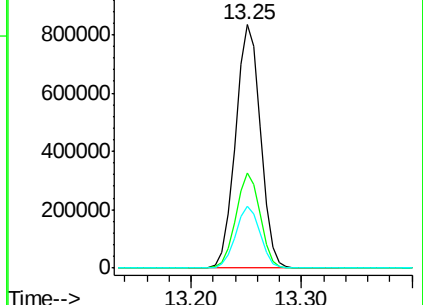
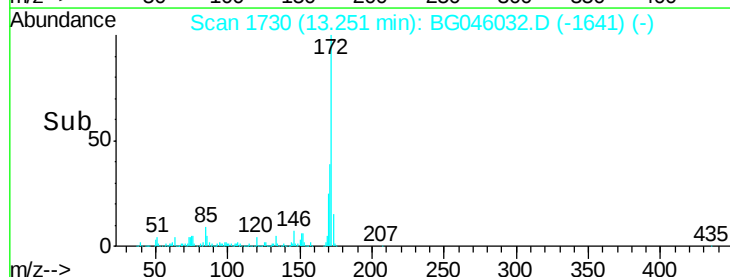
170 25.3 21.8 32.6

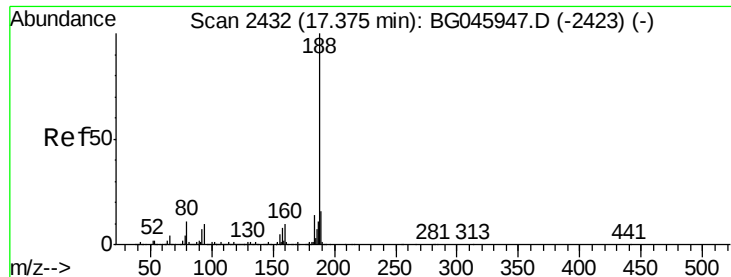


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.36 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG046032.D

Acq: 14 Jul 2020 14:26

Instrument :

BNA_G

ClientSampleId :

PB130179BL

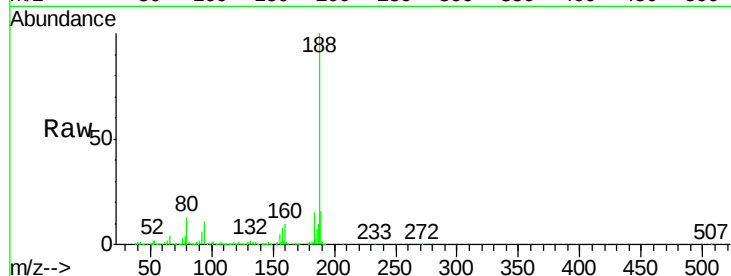
Tot Ion:188 Resp: 629824

Ion Ratio Lower Upper

188 100

94 10.8 8.2 12.4

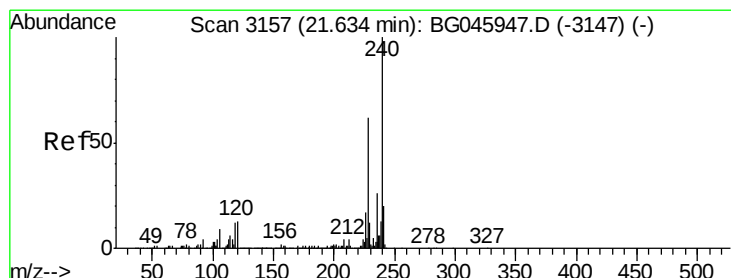
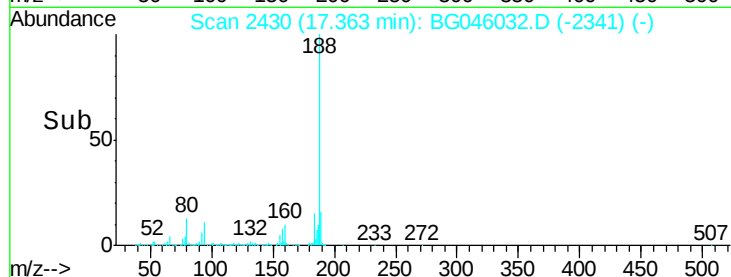
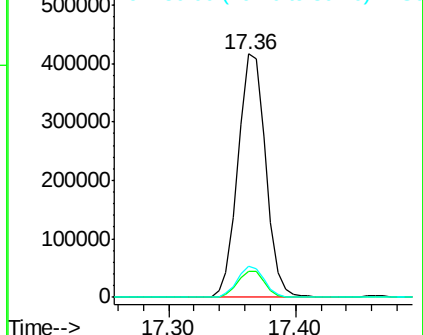
80 12.7 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG046032.D

Acq: 14 Jul 2020 14:26

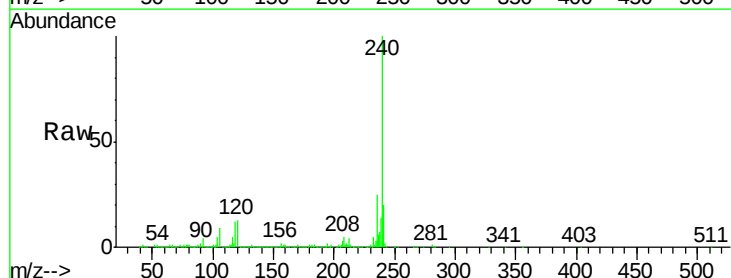
Tgt Ion:240 Resp: 670498

Ion Ratio Lower Upper

240 100

120 12.5 10.6 16.0

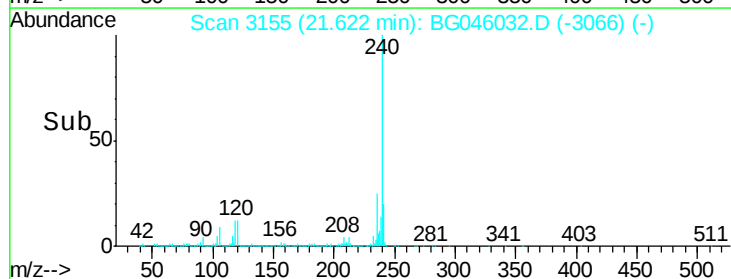
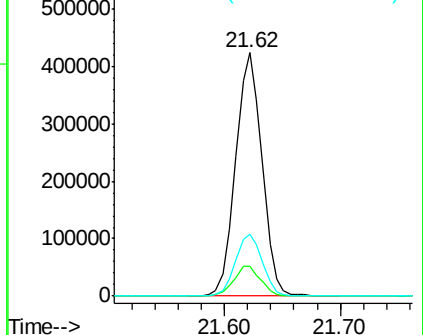
236 25.2 20.4 30.6

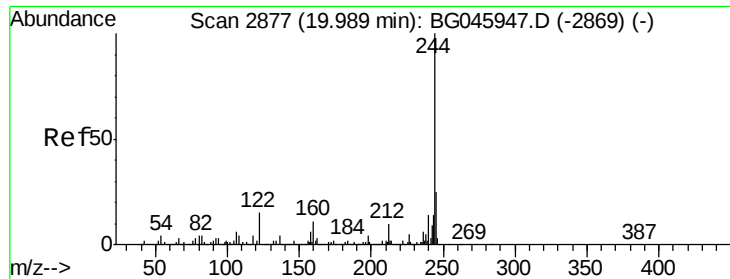


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 64.560 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG046032.D

Acq: 14 Jul 2020 14:26

Instrument :

BNA_G

ClientSampleId :

PB130179BL

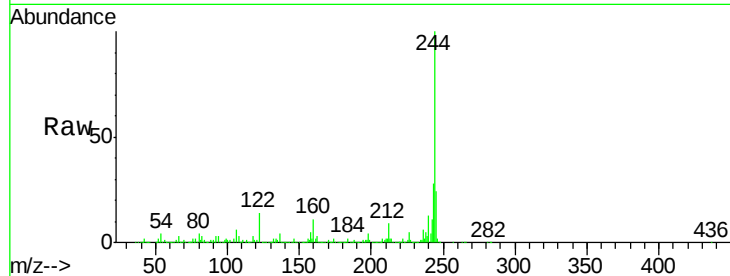
Tot Ion:244 Resp: 1945037

Ion Ratio Lower Upper

244 100

212 9.3 8.3 12.5

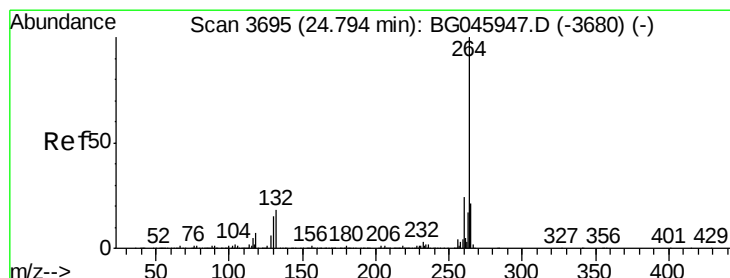
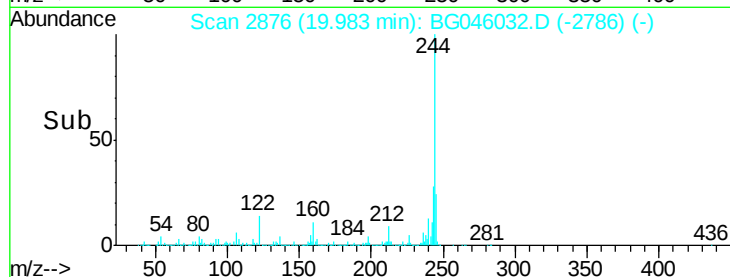
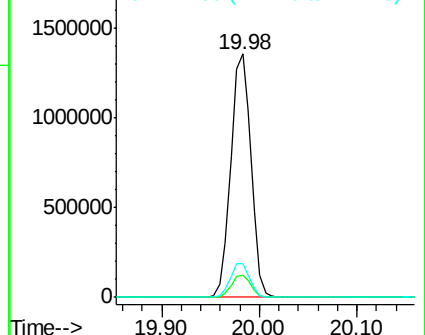
122 14.1 12.1 18.1



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: 24.77 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG046032.D

Acq: 14 Jul 2020 14:26

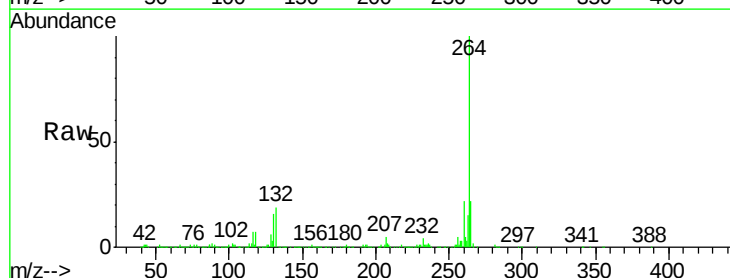
Tgt Ion:264 Resp: 655243

Ion Ratio Lower Upper

264 100

260 22.4 19.0 28.6

265 21.7 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

