

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
 Data File : BG046040.D
 Acq On : 14 Jul 2020 19:48
 Operator : CG/JU
 Sample : PB130200TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130200TB

Quant Time: Jul 15 00:48:33 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	8.01	152	110421	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	440959	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	259970	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	593413	20.00	ng	0.00
76) Chrysene-d12	21.62	240	630527	20.00	ng	0.00
86) Perylene-d12	24.78	264	600415	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	838405	123.13	ng	0.00
7) Phenol-d6	7.17	99	1112209	113.45	ng	0.00
23) Nitrobenzene-d5	9.15	82	705034	92.03	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	309117	128.12	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1300485	78.03	ng	0.00
79) Terphenyl-d14	19.98	244	1981540	69.94	ng	0.00

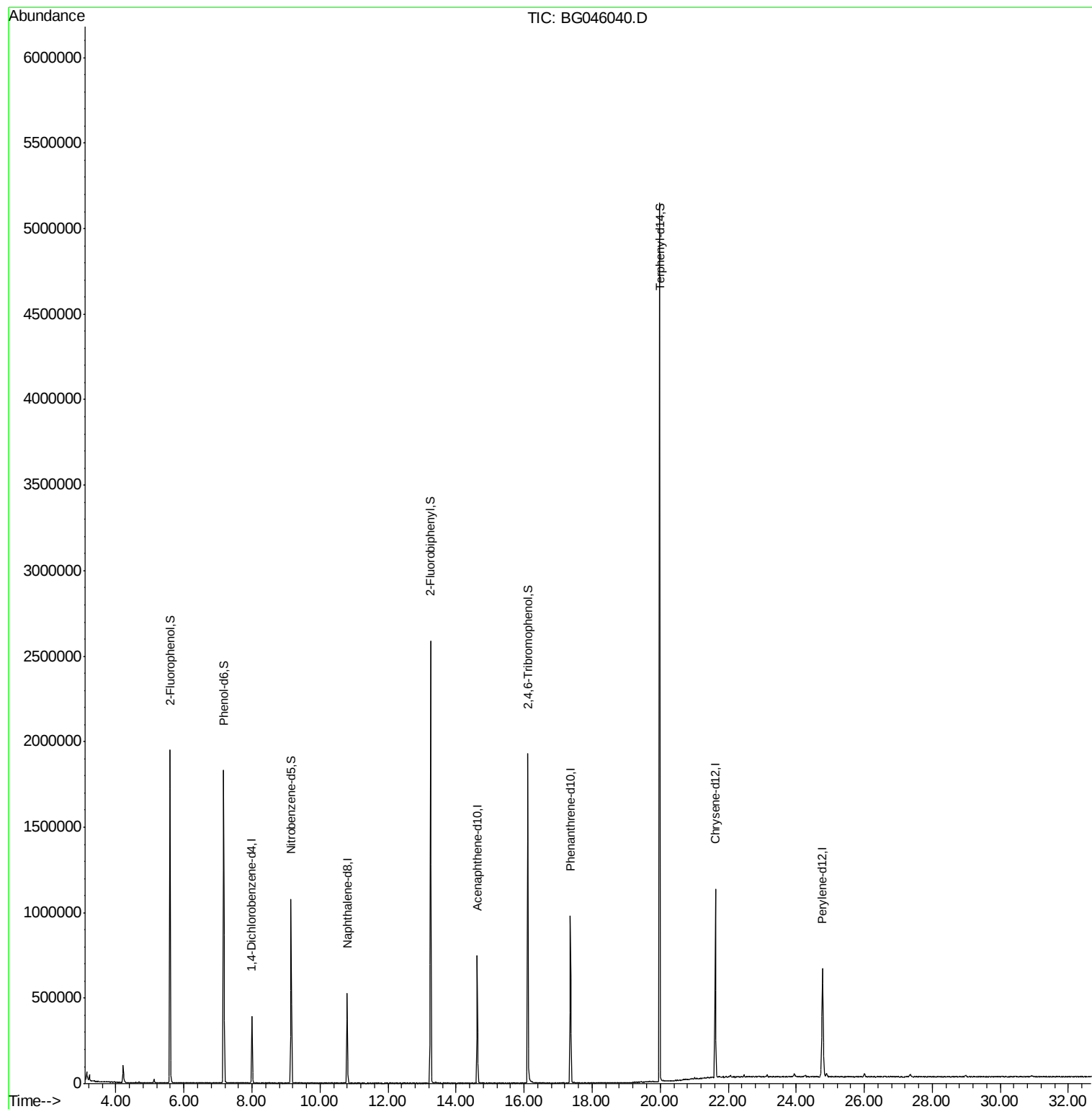
Target Compounds Qvalue

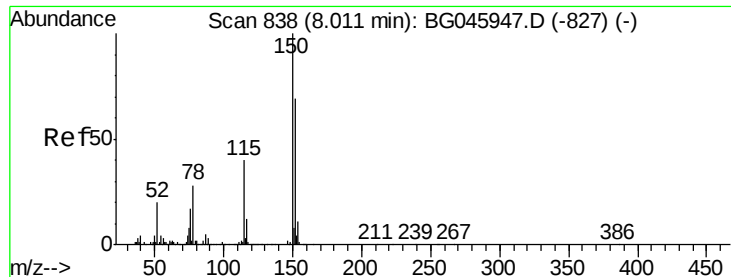
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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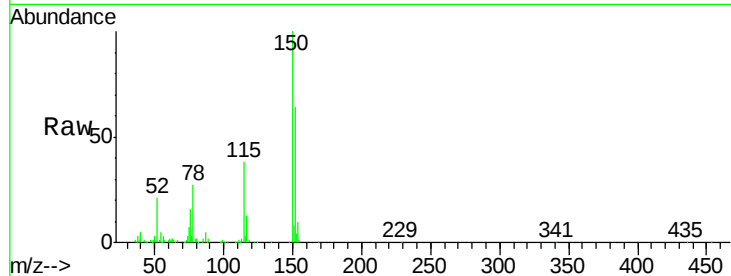


#1

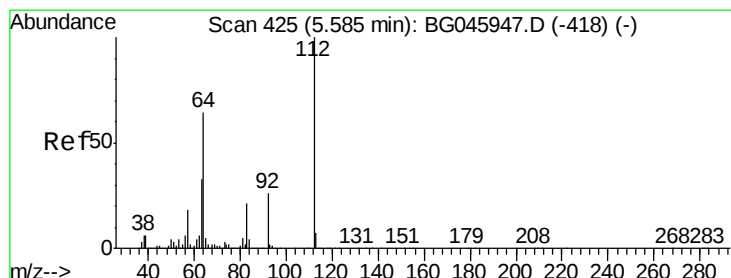
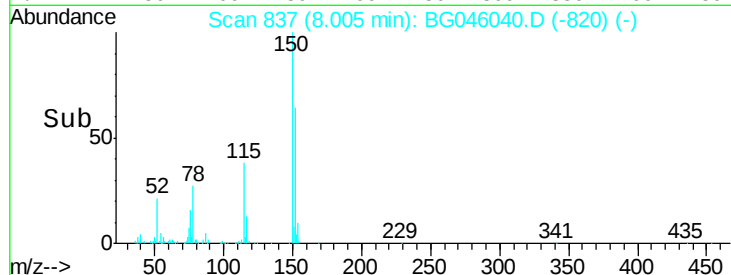
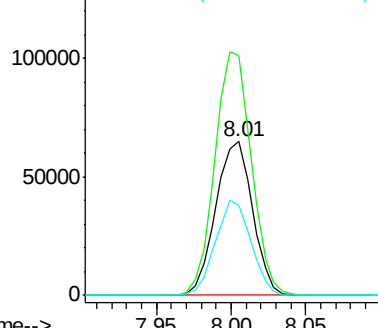
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG046040.D
Acq: 14 Jul 2020 19:48

Instrument :
BNA_G
ClientSampleId :
PB130200TB

Tot Ion:152 Resp: 110421
Ion Ratio Lower Upper
152 100
150 156.2 116.7 175.1
115 58.7 47.4 71.0



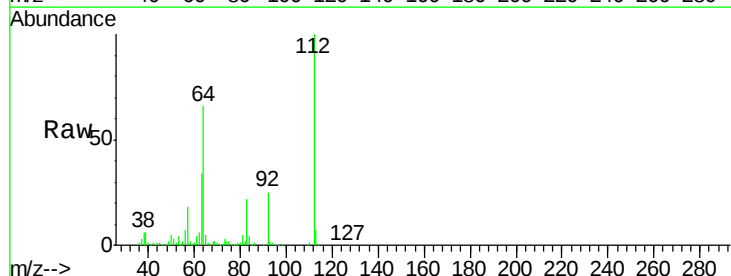
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



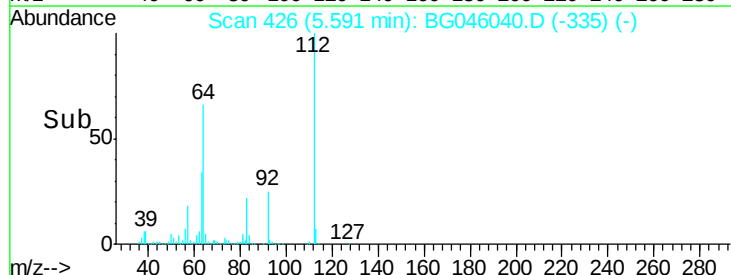
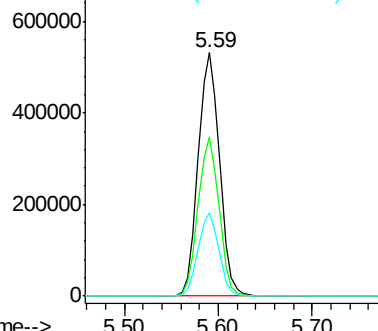
#5

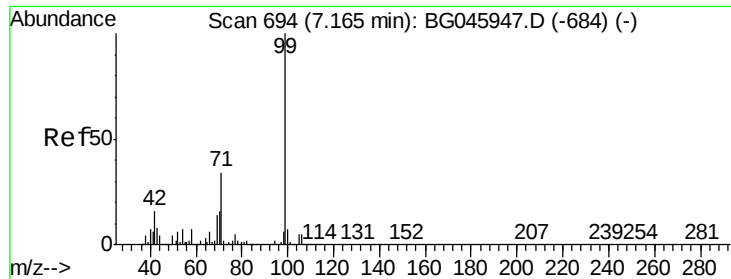
2-Fluorophenol
Concen: 123.130 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.01 min
Lab File: BG046040.D
Acq: 14 Jul 2020 19:48

Tgt Ion:112 Resp: 838405
Ion Ratio Lower Upper
112 100
64 65.6 51.4 77.2
63 34.5 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 113.454 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG046040.D

Acq: 14 Jul 2020 19:48

Instrument :

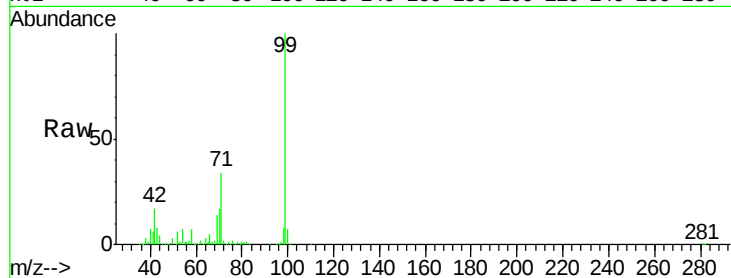
BNA_G

ClientSampleId :

PB130200TB

Tot Ion: 99 Resp: 1112209

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.0	19.4
71	33.9	27.5	41.3

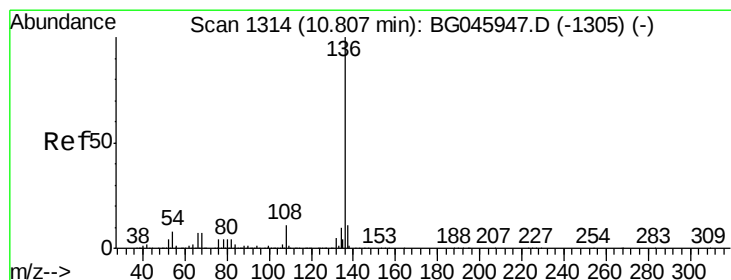
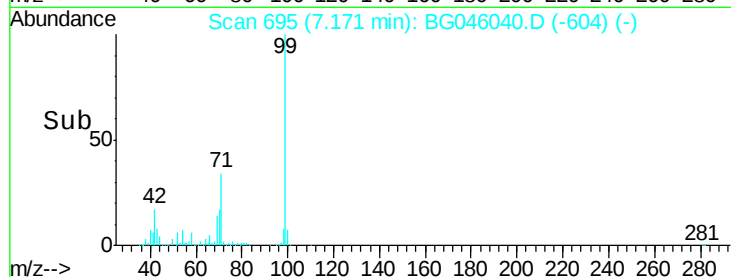
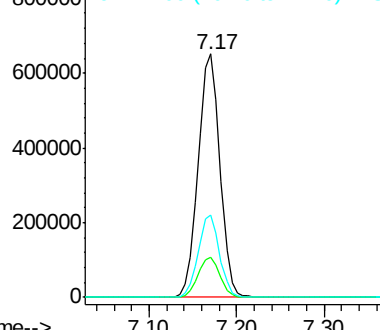


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

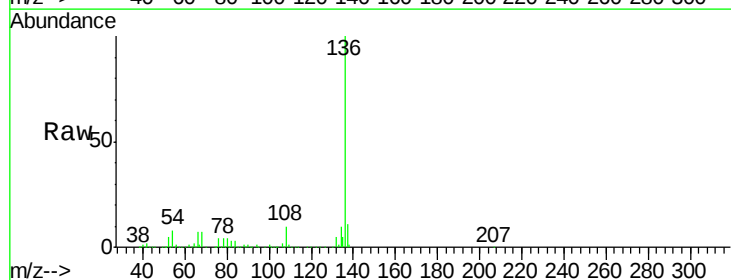
Delta R.T. -0.00 min

Lab File: BG046040.D

Acq: 14 Jul 2020 19:48

Tgt Ion: 136 Resp: 440959

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.9	6.2	9.4
68	7.0	5.8	8.8



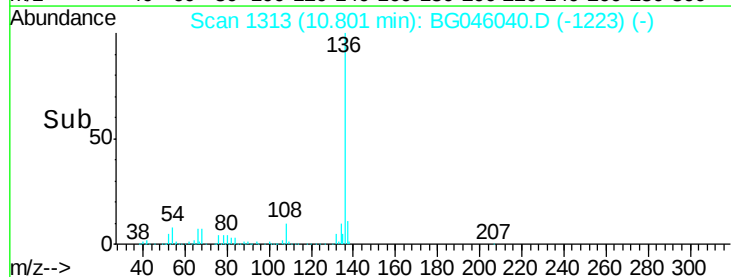
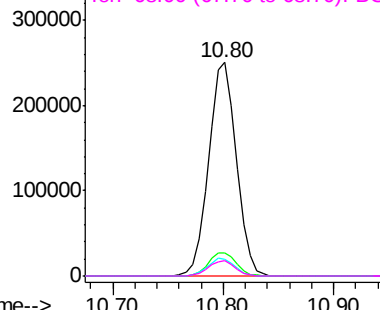
Abundance

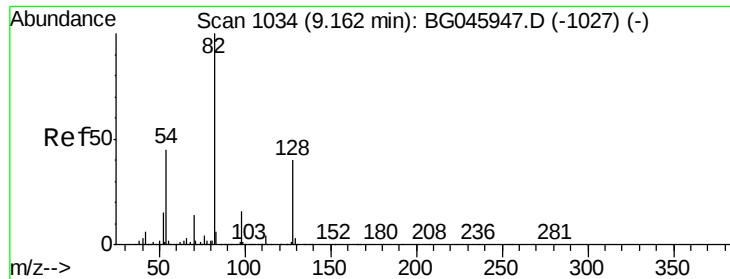
Ion 136.00 (135.70 to 136.70): BGC

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

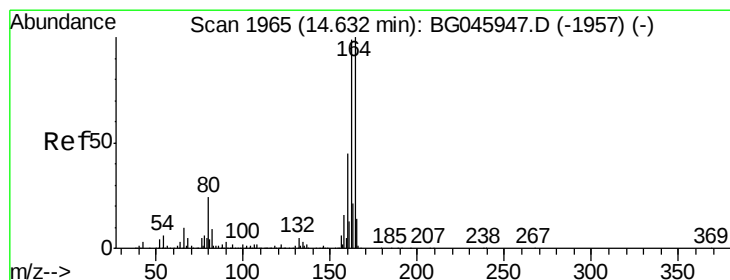
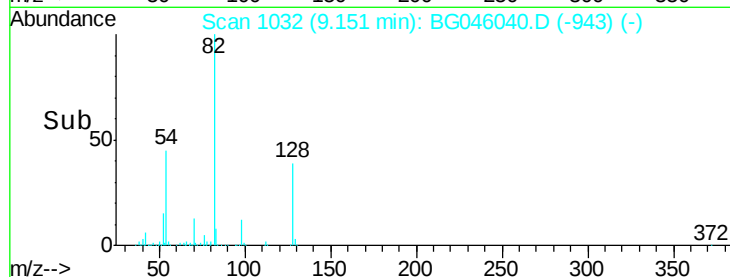
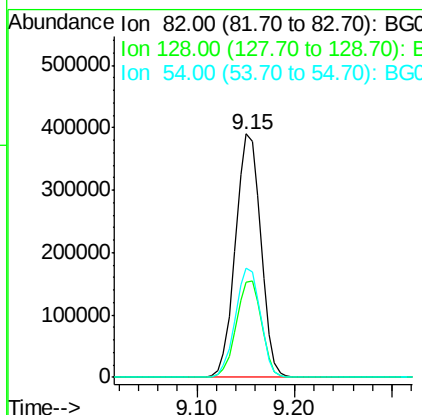
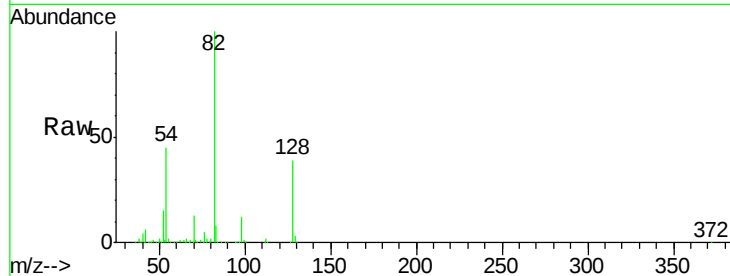




#23
 Nitrobenzene-d5
 Concen: 92.027 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG046040.D
 Acq: 14 Jul 2020 19:48

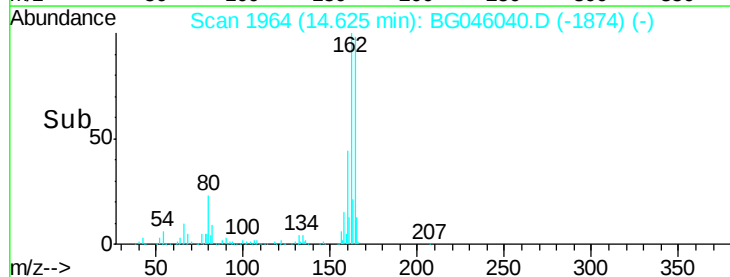
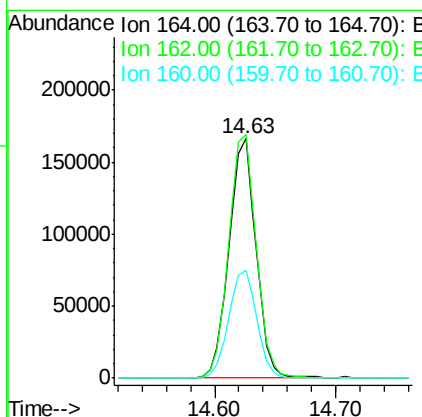
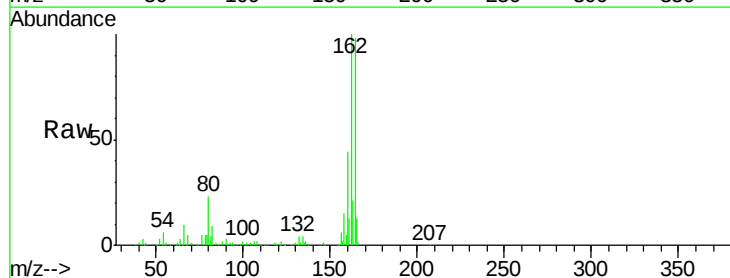
Instrument :
 BNA_G
 ClientSampleId :
 PB130200TB

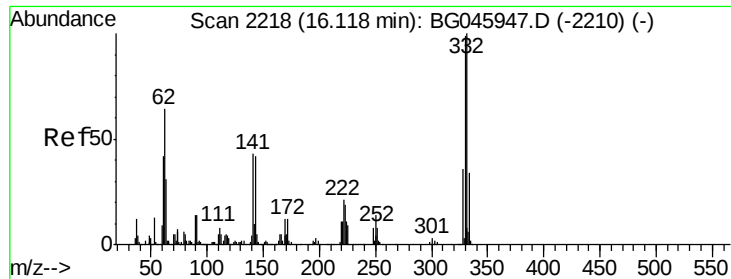
Tot Ion: 82 Resp: 705034
 Ion Ratio Lower Upper
 82 100
 128 39.3 32.2 48.4
 54 44.6 35.8 53.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG046040.D
 Acq: 14 Jul 2020 19:48

Tgt Ion: 164 Resp: 259970
 Ion Ratio Lower Upper
 164 100
 162 101.7 79.3 118.9
 160 45.0 35.7 53.5

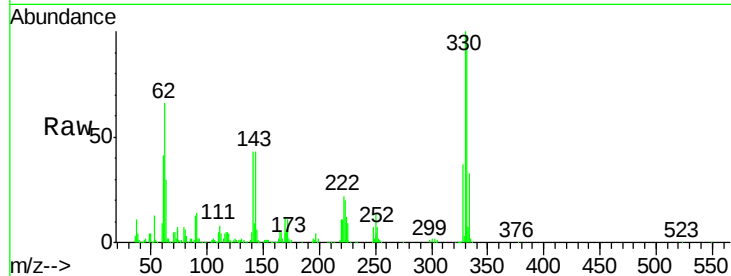




#42
 2,4,6-Tribromophenol
 Concen: 128.116 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: BG046040.D
 Acq: 14 Jul 2020 19:48

Instrument :
 BNA_G
 ClientSampleId :
 PB130200TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.3	117.5
141	46.7	36.6	54.8

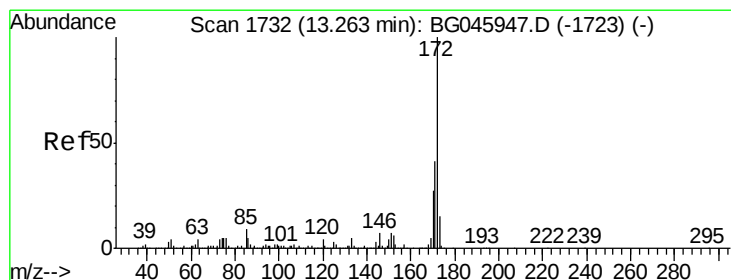
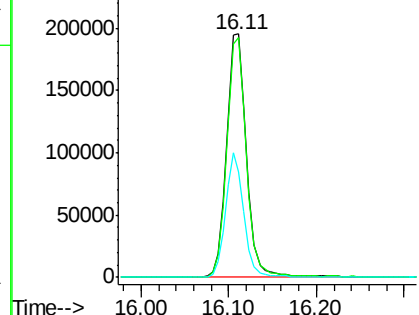
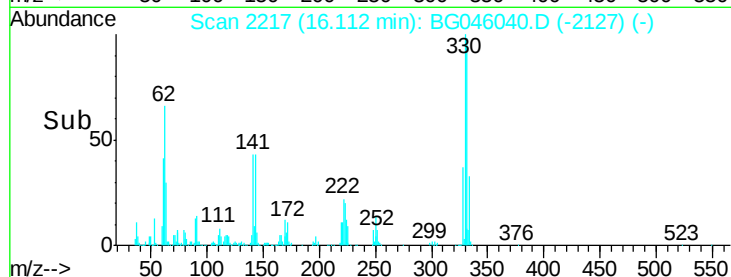


Abundance

Ion 329.80 (329.50 to 330.50): E

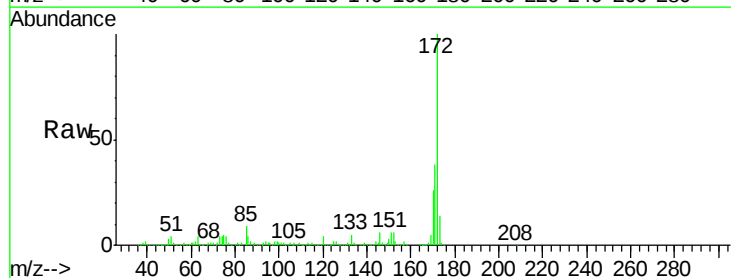
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 78.029 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG046040.D
 Acq: 14 Jul 2020 19:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	32.9	49.3
170	25.6	21.8	32.6

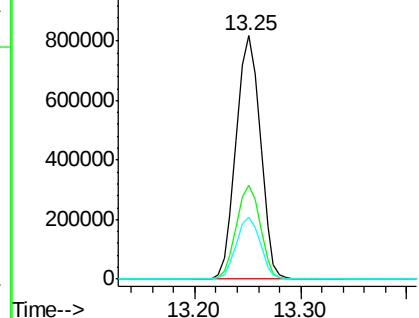
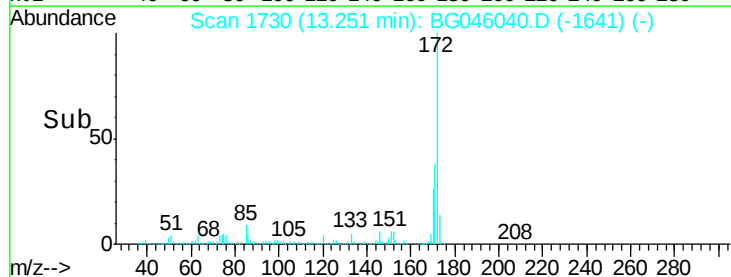


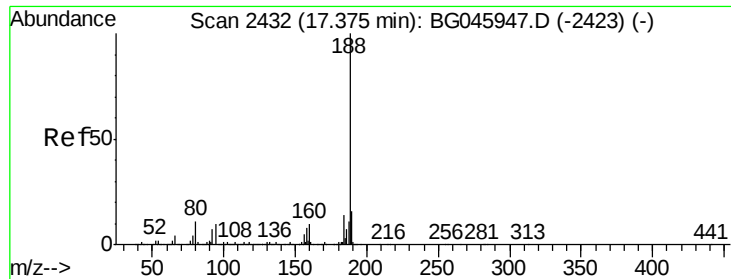
Abundance

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: BG046040.D

Acq: 14 Jul 2020 19:48

Instrument :

BNA_G

ClientSampleId :

PB130200TB

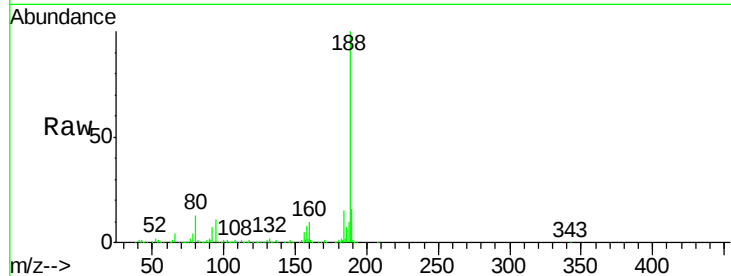
Tot Ion:188 Resp: 593413

Ion Ratio Lower Upper

188 100

94 10.7 8.2 12.4

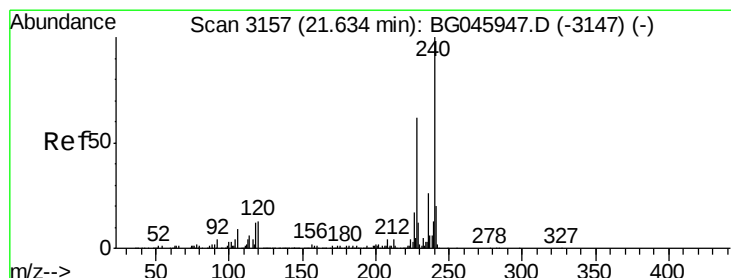
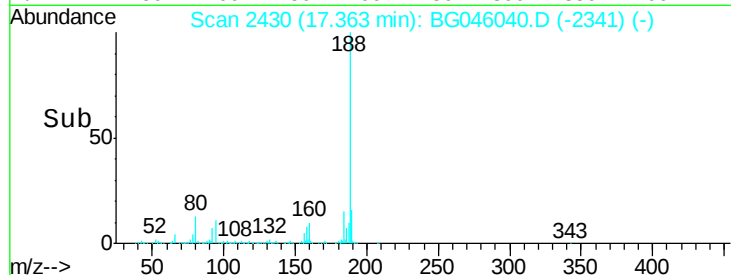
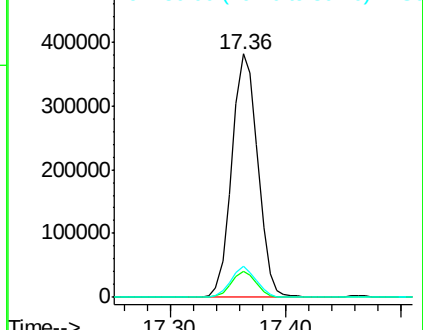
80 12.5 9.0 13.6



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# 3155

Delta R.T. -0.01 min

Lab File: BG046040.D

Acq: 14 Jul 2020 19:48

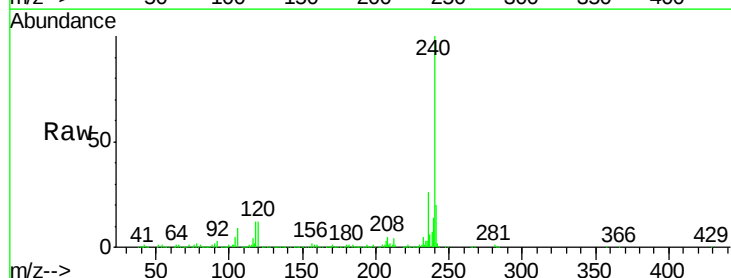
Tgt Ion:240 Resp: 630527

Ion Ratio Lower Upper

240 100

120 12.3 10.6 16.0

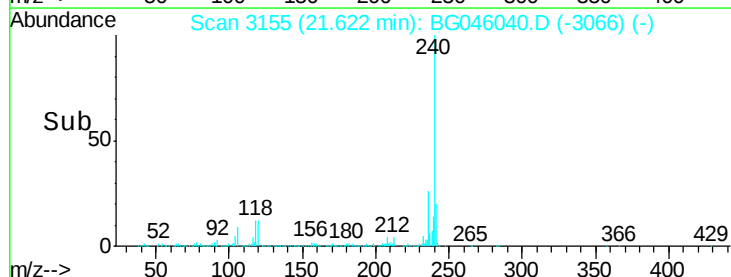
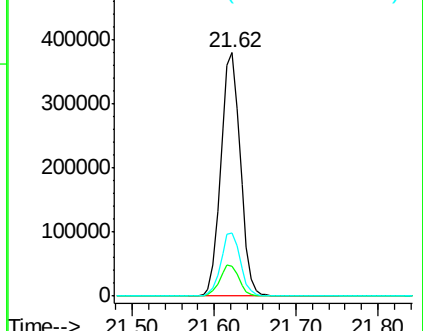
236 26.0 20.4 30.6

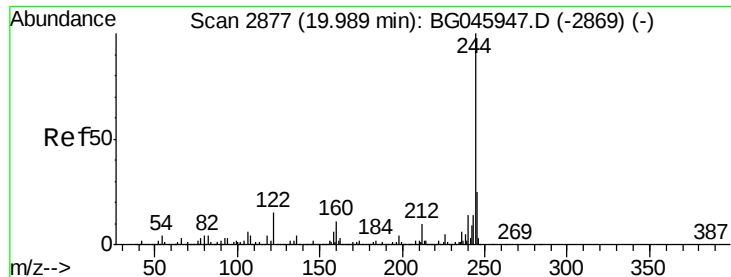


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.941 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG046040.D

Acq: 14 Jul 2020 19:48

Instrument :

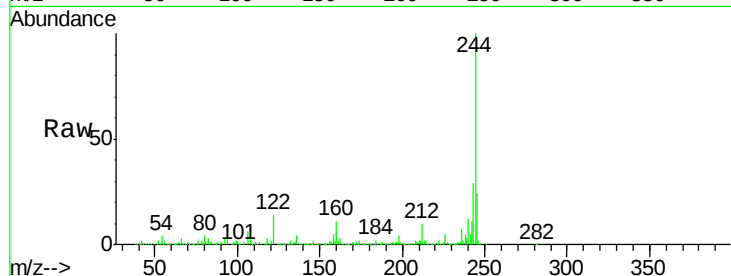
BNA_G

ClientSampleId :

PB130200TB

Tot Ion:244 Resp: 1981540

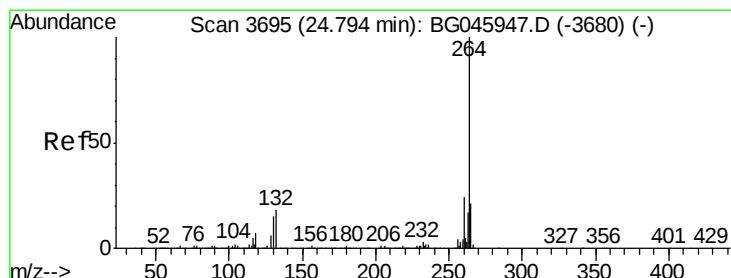
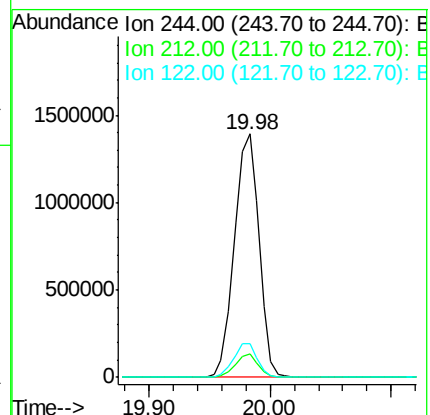
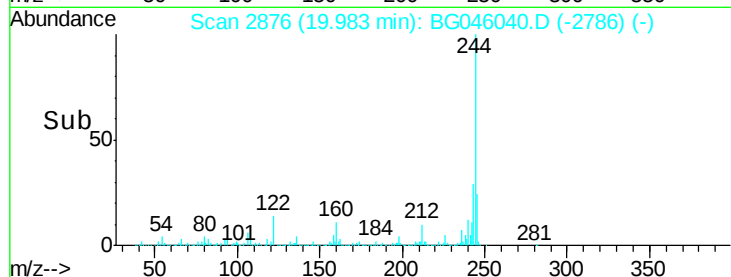
Ion	Ratio	Lower	Upper
244	100		
212	9.5	8.3	12.5
122	13.9	12.1	18.1



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: 24.78 min Scan# 3692

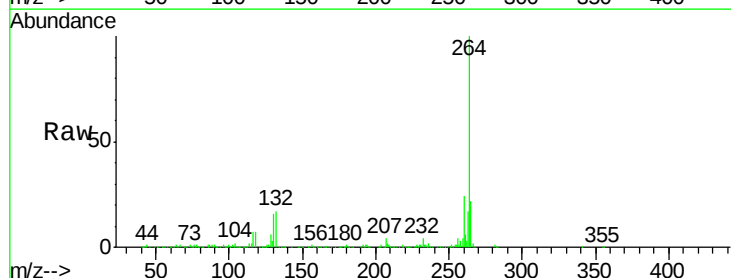
Delta R.T. -0.01 min

Lab File: BG046040.D

Acq: 14 Jul 2020 19:48

Tgt Ion:264 Resp: 600415

Ion	Ratio	Lower	Upper
264	100		
260	23.9	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

