

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
 Data File : BG046039.D
 Acq On : 14 Jul 2020 19:08
 Operator : CG/JU
 Sample : PB130200BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130200BL

Quant Time: Jul 15 00:44:04 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	117155	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	456642	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	270128	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	589533	20.00	ng	0.00
76) Chrysene-d12	21.62	240	631094	20.00	ng	-0.01
86) Perylene-d12	24.77	264	610332	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	759709	105.16	ng	0.00
7) Phenol-d6	7.17	99	1008626	96.97	ng	0.00
23) Nitrobenzene-d5	9.15	82	645478	81.36	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	270086	107.73	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1168938	67.50	ng	0.00
79) Terphenyl-d14	19.98	244	1738606	61.31	ng	0.00

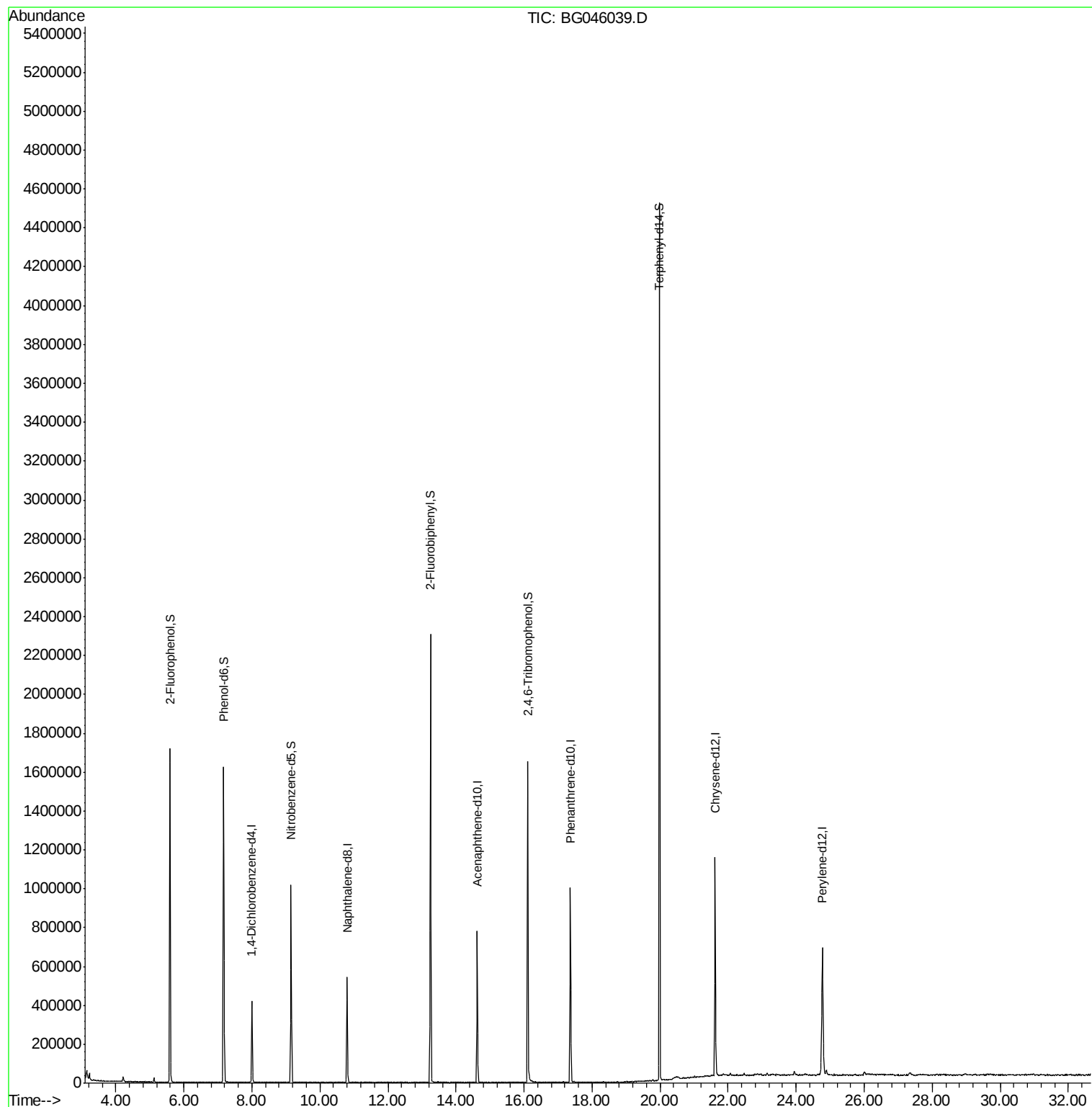
Target Compounds Qvalue

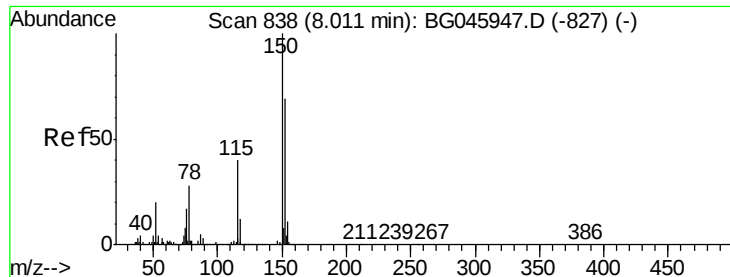
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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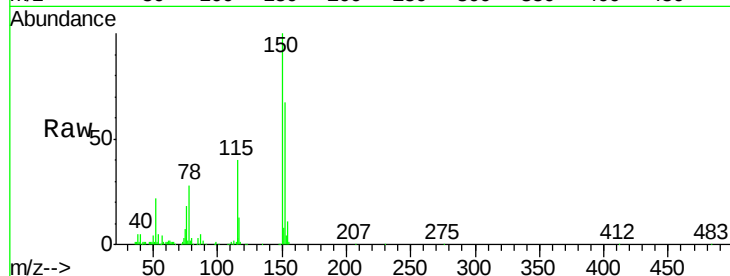


#1

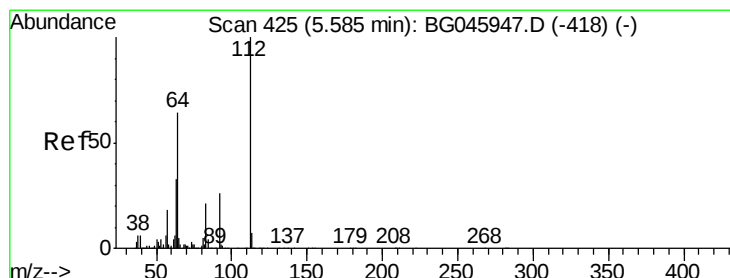
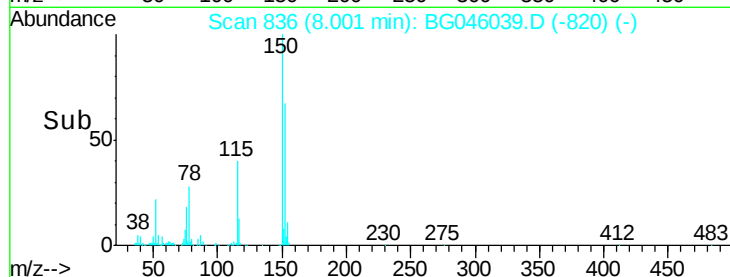
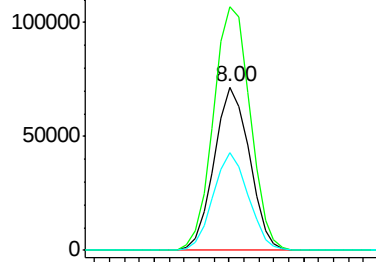
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

Instrument :
BNA_G
ClientSampleId :
PB130200BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.0	116.7	175.1
115	60.0	47.4	71.0



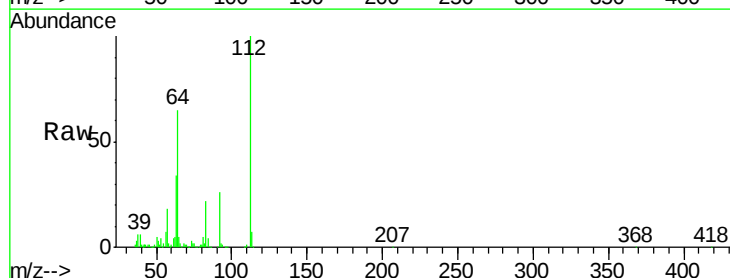
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



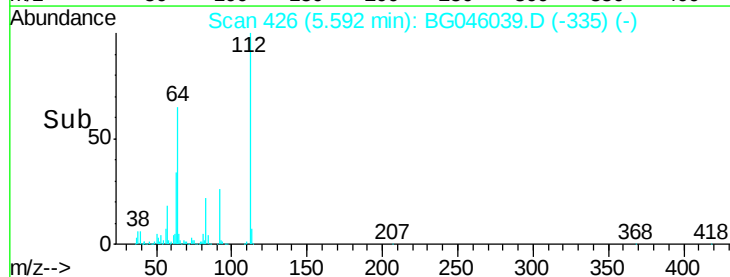
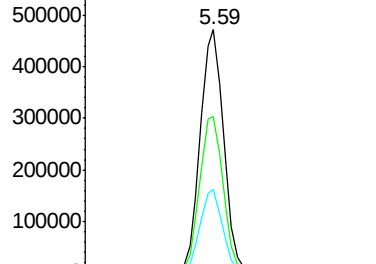
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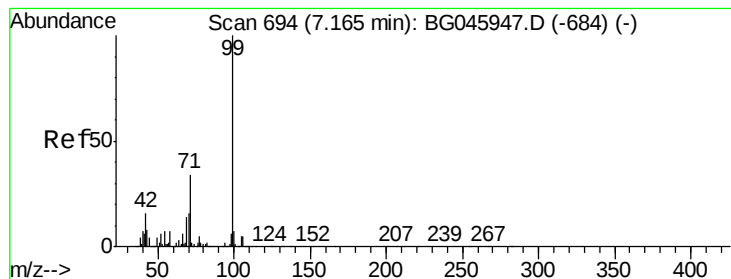
2-Fluorophenol
Concen: 105.159 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.01 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	51.4	77.2
63	34.2	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: 96.974 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG046039.D

Acq: 14 Jul 2020 19:08

Instrument :

BNA_G

ClientSampleId :

PB130200BL

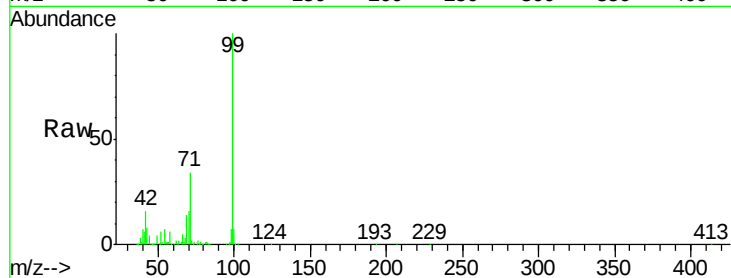
Tot Ion: 99 Resp: 1008626

Ion Ratio Lower Upper

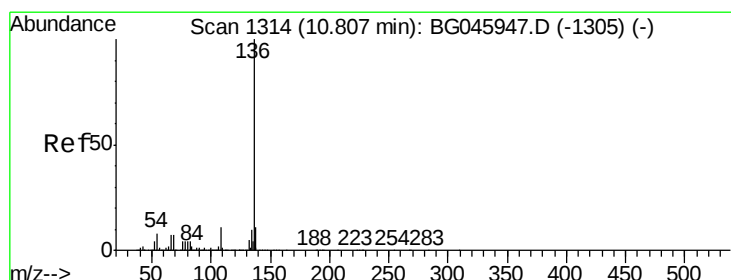
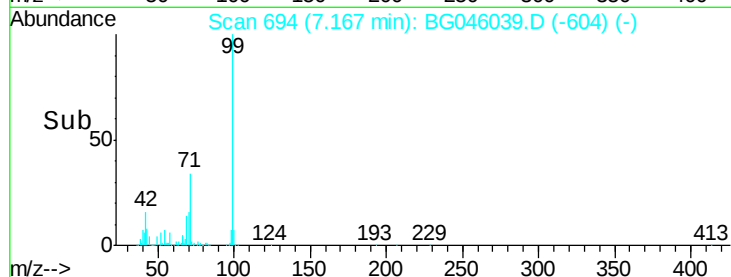
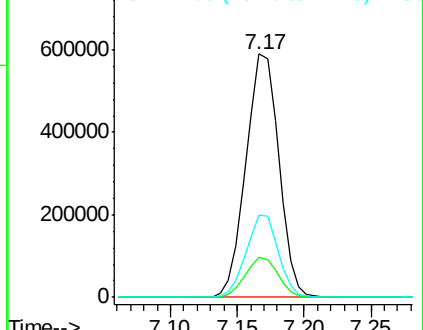
99 100

42 16.5 13.0 19.4

71 33.7 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: BG046039.D

Acq: 14 Jul 2020 19:08

Tgt Ion: 136 Resp: 456642

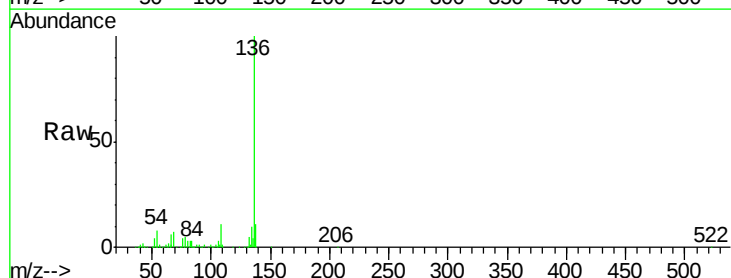
Ion Ratio Lower Upper

136 100

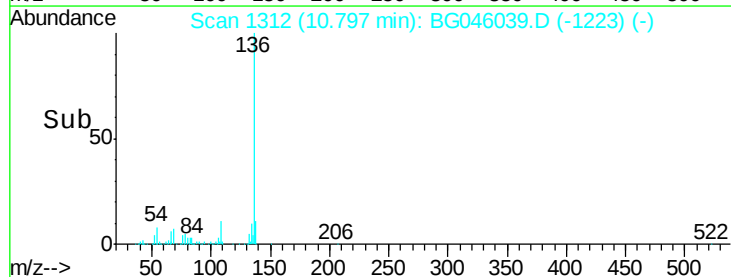
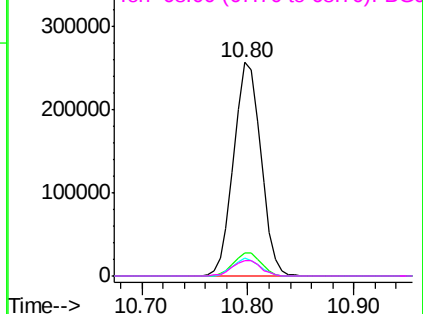
137 11.0 9.2 13.8

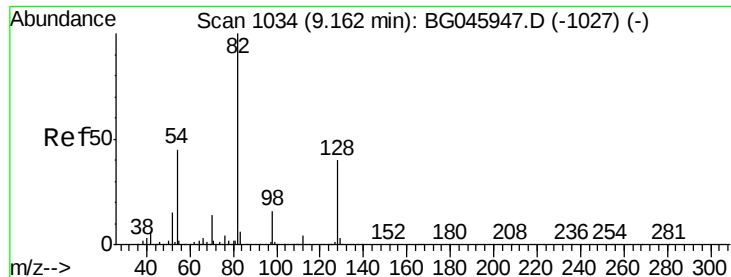
54 8.4 6.2 9.4

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

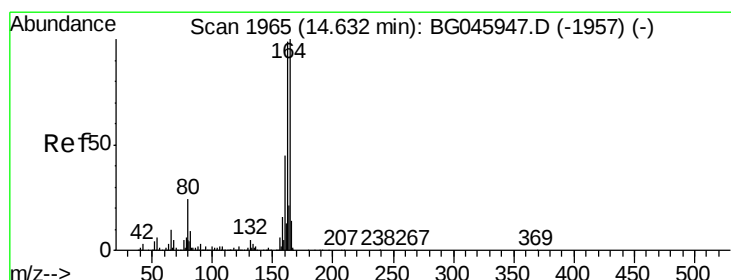
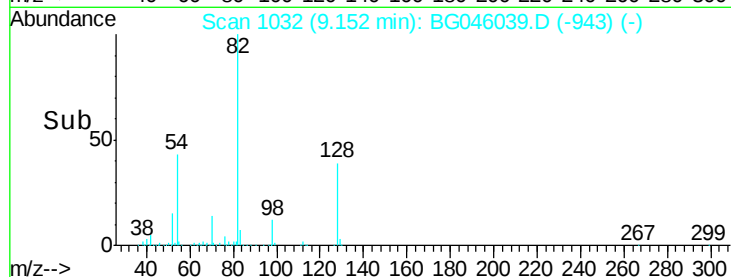
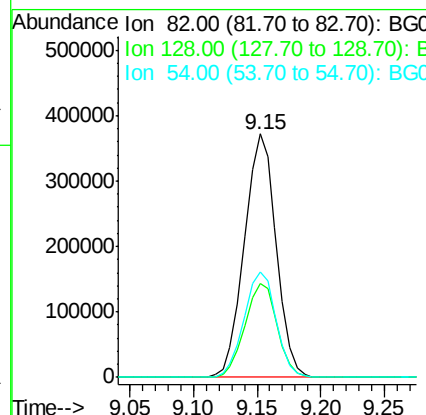
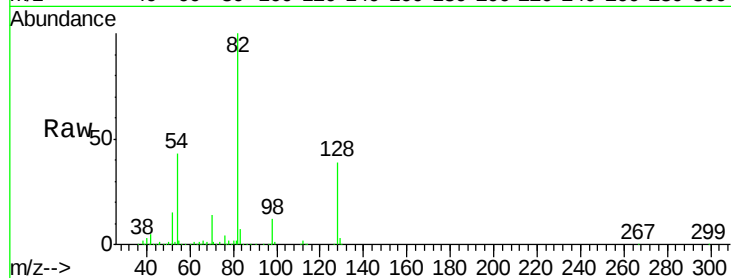




#23
Nitrobenzene-d5
Concen: 81.360 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

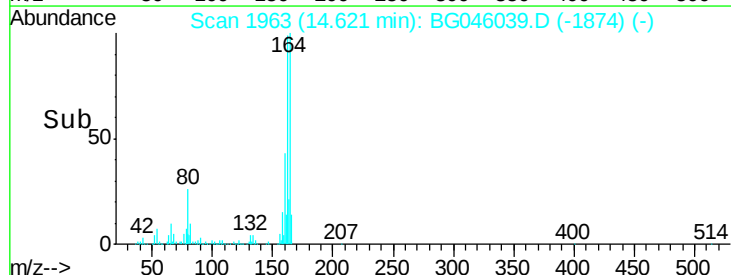
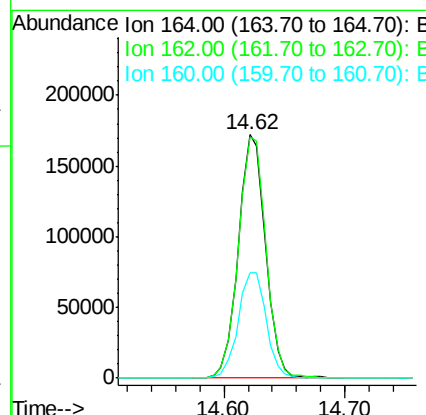
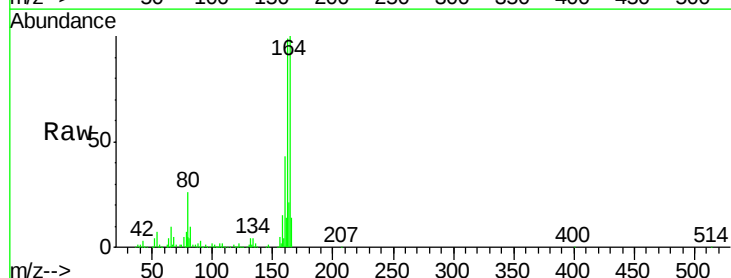
Instrument :
BNA_G
ClientSampleId :
PB130200BL

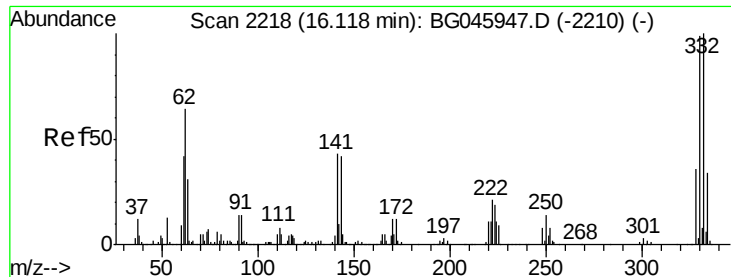
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.6	32.2	48.4
54	43.2	35.8	53.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG046039.D
Acq: 14 Jul 2020 19:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.3	118.9
160	43.1	35.7	53.5

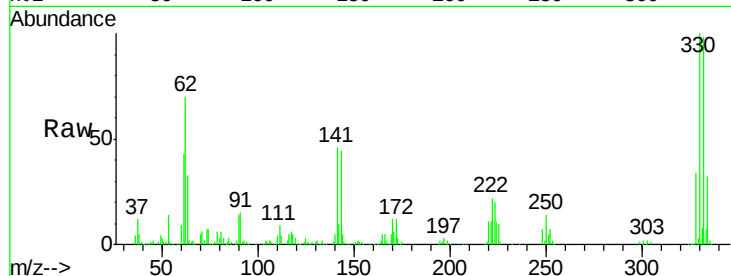




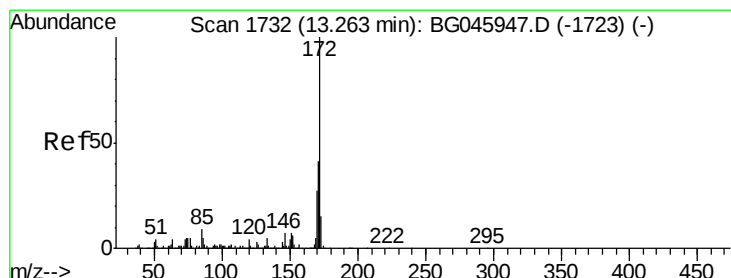
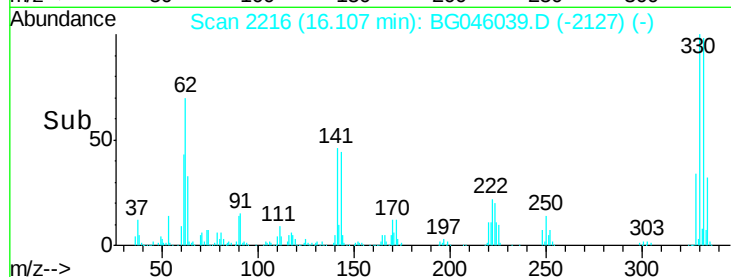
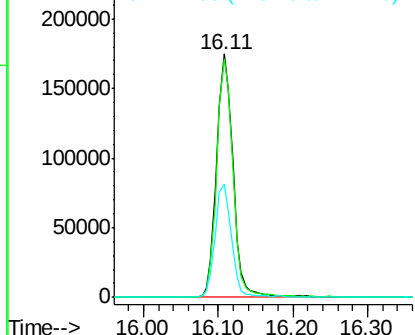
#42
 2,4,6-Tribromophenol
 Concen: 107.730 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG046039.D
 Acq: 14 Jul 2020 19:08

Instrument :
 BNA_G
 ClientSampleId :
 PB130200BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.3	117.5
141	45.7	36.6	54.8

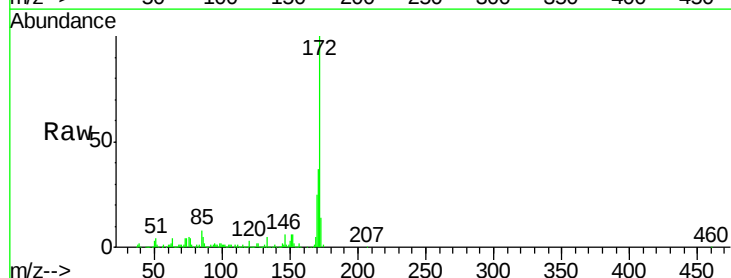


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

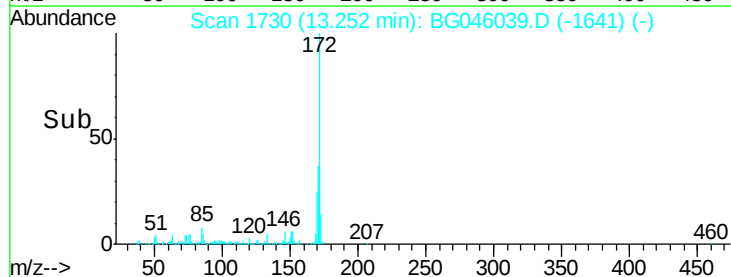
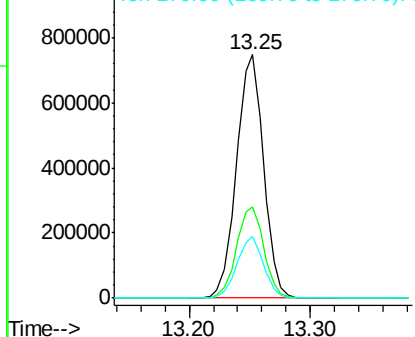


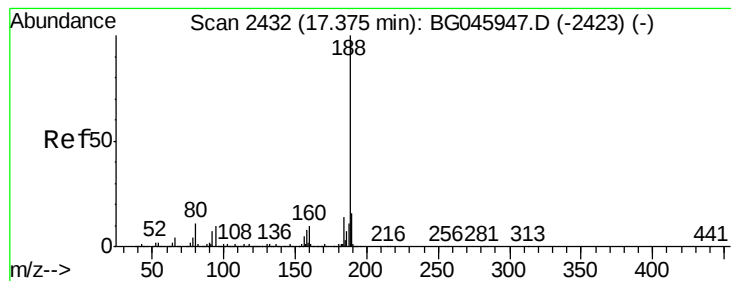
#45
 2-Fluorobiphenyl
 Concen: 67.499 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG046039.D
 Acq: 14 Jul 2020 19:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	32.9	49.3
170	25.5	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. -0.00 min

Lab File: BG046039.D

Acq: 14 Jul 2020 19:08

Instrument :

BNA_G

ClientSampleId :

PB130200BL

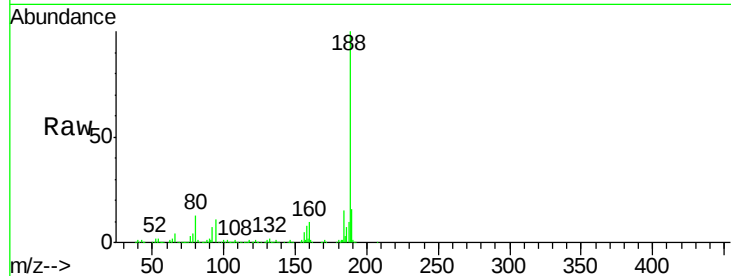
Tot Ion:188 Resp: 589533

Ion Ratio Lower Upper

188 100

94 11.0 8.2 12.4

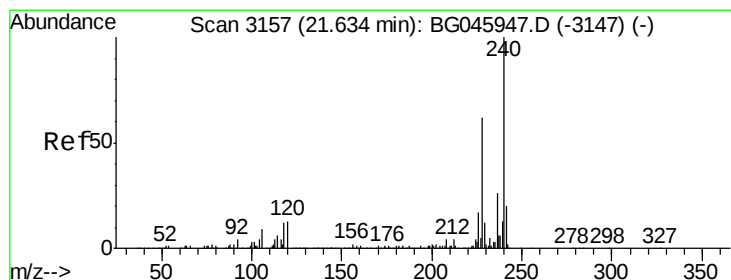
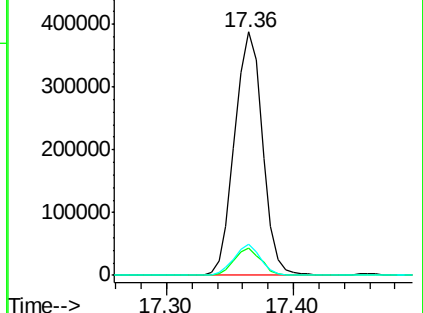
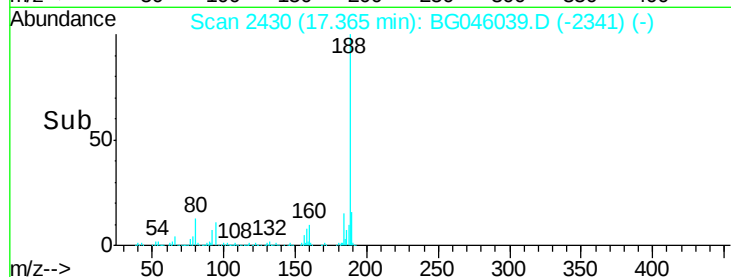
80 12.8 9.0 13.6



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: BG046039.D

Acq: 14 Jul 2020 19:08

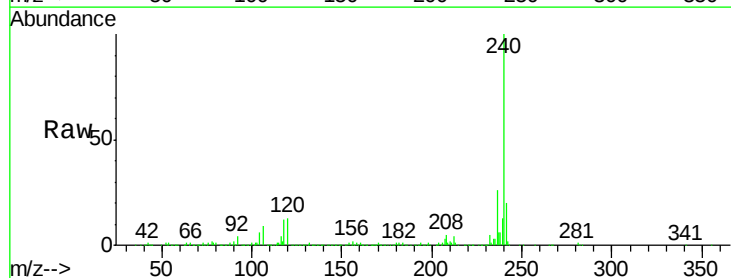
Tgt Ion:240 Resp: 631094

Ion Ratio Lower Upper

240 100

120 12.5 10.6 16.0

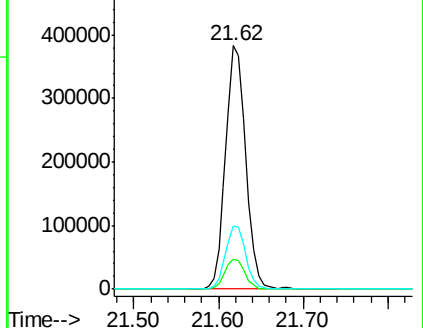
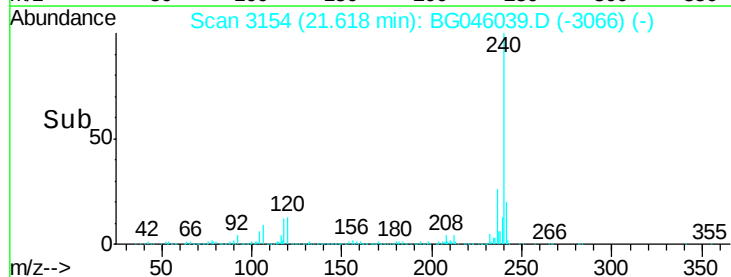
236 26.2 20.4 30.6

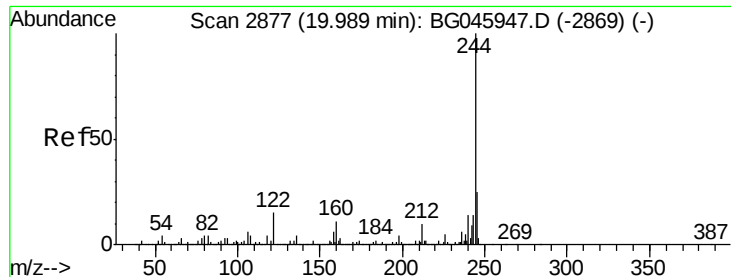


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 61.311 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG046039.D

Acq: 14 Jul 2020 19:08

Instrument :

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ClientSampleId :

PB130200BL

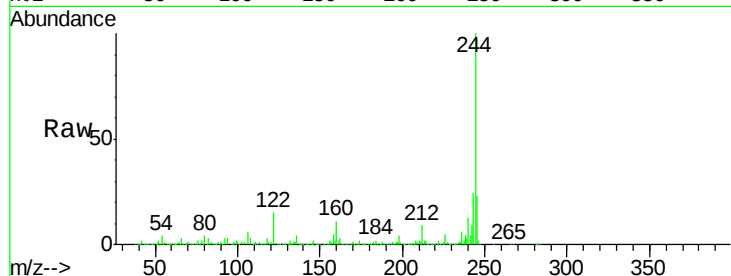
Tot Ion:244 Resp: 1738606

Ion Ratio Lower Upper

244 100

212 9.3 8.3 12.5

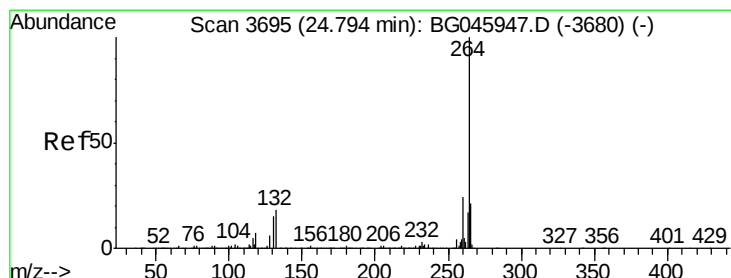
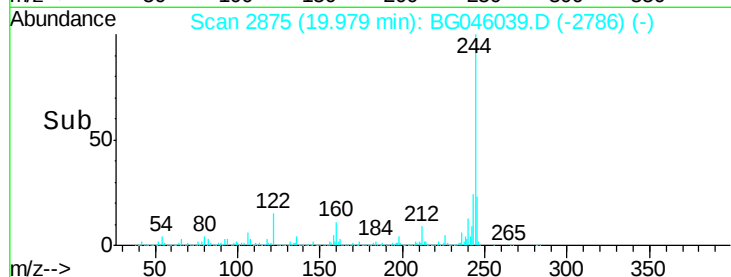
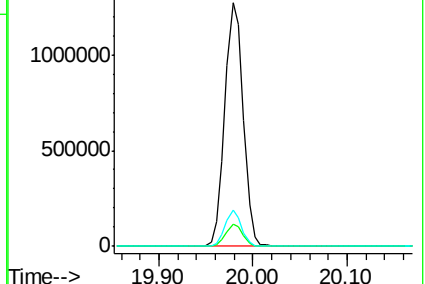
122 14.7 12.1 18.1



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: BG046039.D

Acq: 14 Jul 2020 19:08

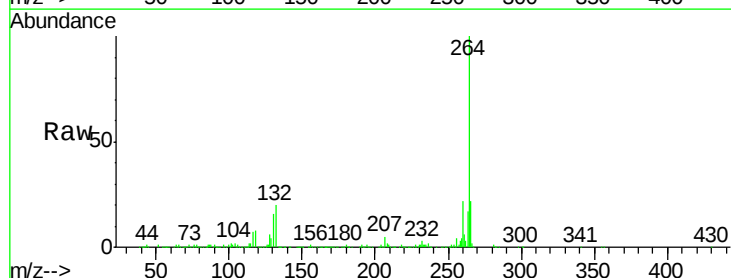
Tgt Ion:264 Resp: 610332

Ion Ratio Lower Upper

264 100

260 21.9 19.0 28.6

265 21.8 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

