

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062320\
 Data File : BG045836.D
 Acq On : 23 Jun 2020 12:15
 Operator : CG/JU
 Sample : L3033-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z1-DUP-0571-200615

Quant Time: Jun 23 13:19:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

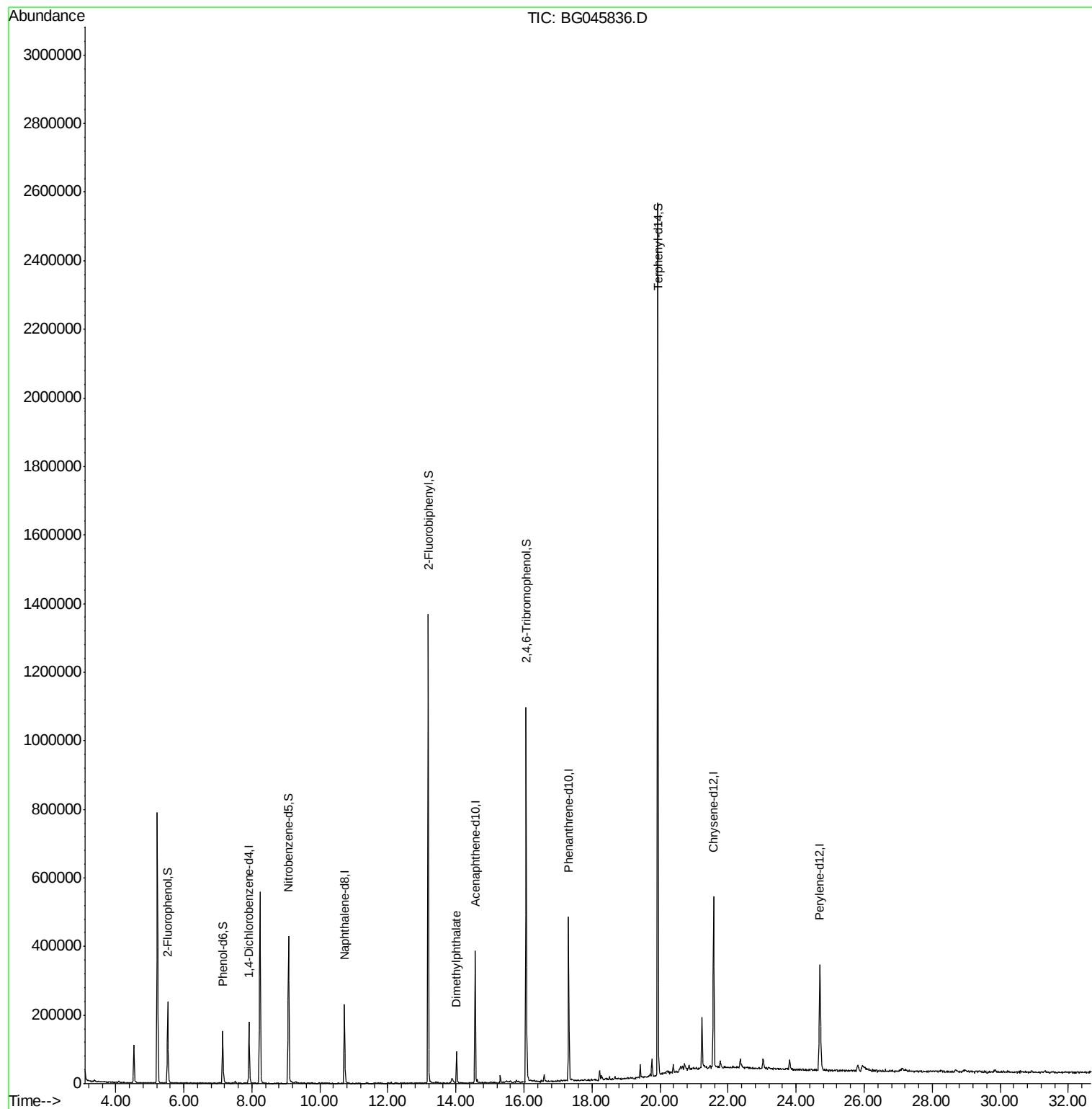
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	51889	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	210755	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	137649	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	312877	20.00	ng	0.00
76) Chrysene-d12	21.57	240	313467	20.00	ng	0.00
86) Perylene-d12	24.70	264	340964	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	121070	39.41	ng	-0.01
7) Phenol-d6	7.14	99	105406	22.56	ng	-0.02
23) Nitrobenzene-d5	9.08	82	298952	64.80	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	230671	111.00	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	725095	77.41	ng	0.00
79) Terphenyl-d14	19.93	244	1218553	78.78	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.02	163	60290	5.591	ng	Qvalue 97

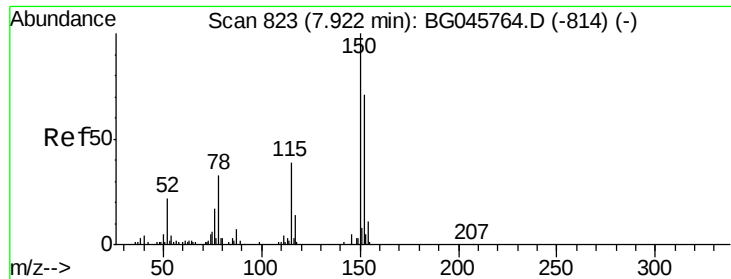
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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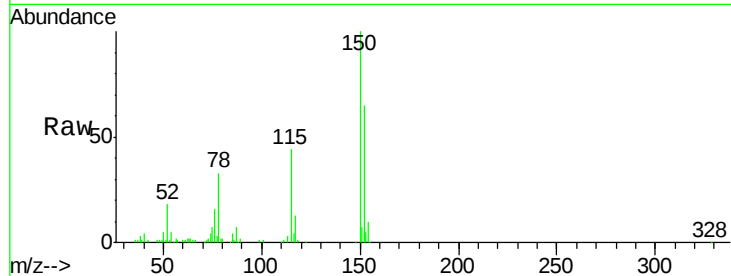


#1

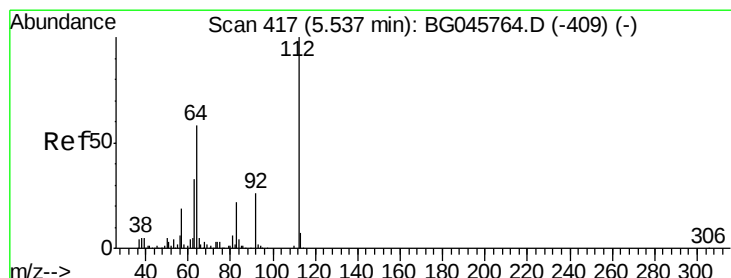
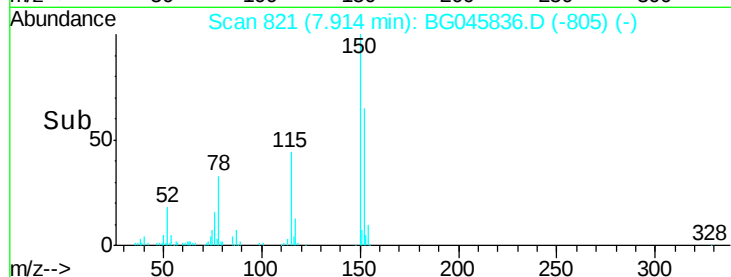
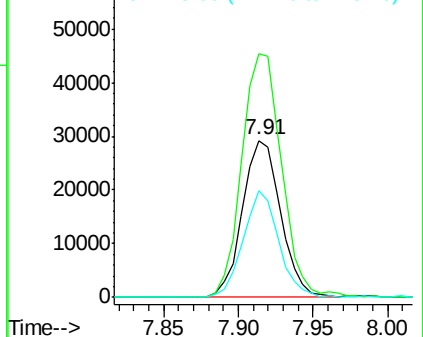
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG045836.D
 Acq: 23 Jun 2020 12:15

Instrument :
 BNA_G
 ClientSampleId :
 Z1-DUP-0571-200615

Tot Ion:152 Resp: 51889
 Ion Ratio Lower Upper
 152 100
 150 155.0 113.1 169.7
 115 67.7 43.8 65.6#



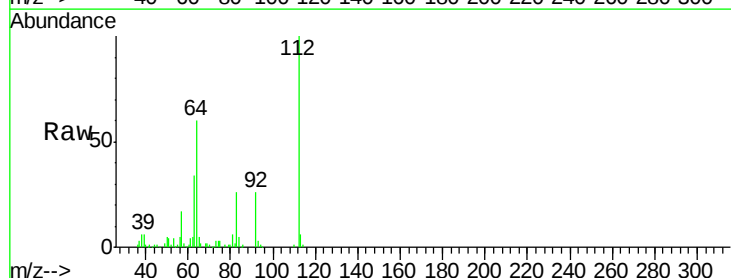
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



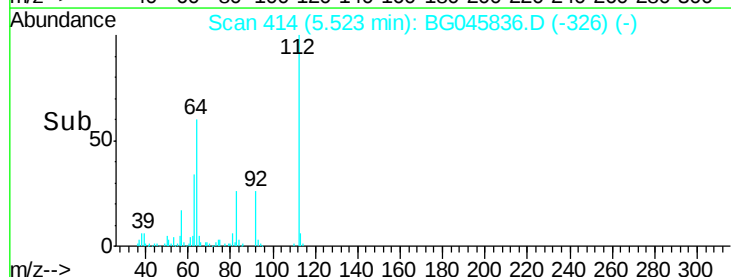
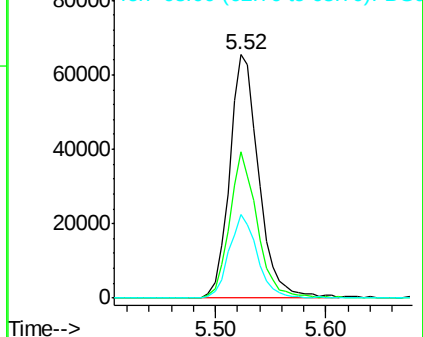
#5

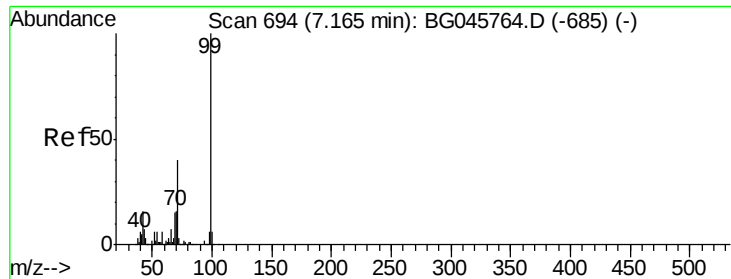
2-Fluorophenol
 Concen: 39.414 ng
 RT: 5.52 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BG045836.D
 Acq: 23 Jun 2020 12:15

Tgt Ion:112 Resp: 121070
 Ion Ratio Lower Upper
 112 100
 64 59.8 46.6 69.8
 63 34.5 26.3 39.5



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: 22.559 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.02 min

Lab File: BG045836.D

Acq: 23 Jun 2020 12:15

Instrument :

BNA_G

ClientSampleId :

Z1-DUP-0571-200615

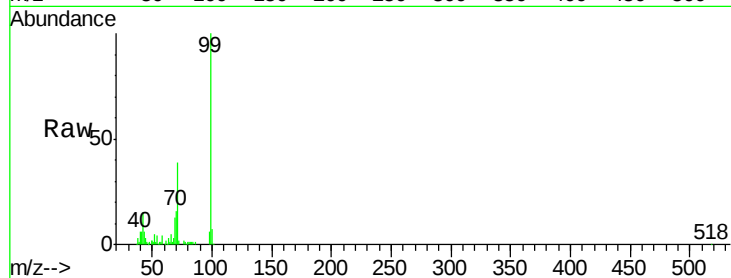
Tot Ion: 99 Resp: 105406

Ion Ratio Lower Upper

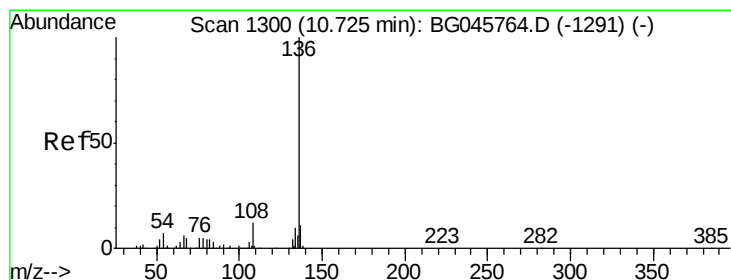
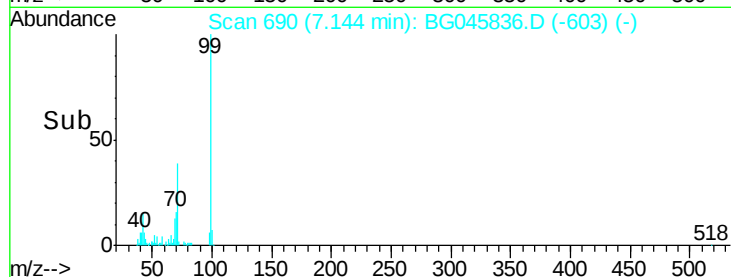
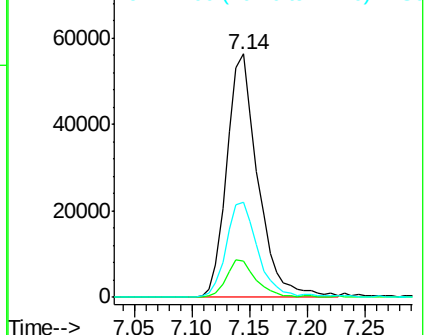
99 100

42 14.9 12.4 18.6

71 38.9 32.1 48.1



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: 10.72 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG045836.D

Acq: 23 Jun 2020 12:15

Tgt Ion: 136 Resp: 210755

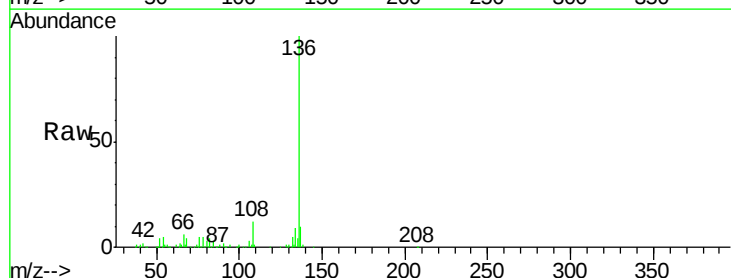
Ion Ratio Lower Upper

136 100

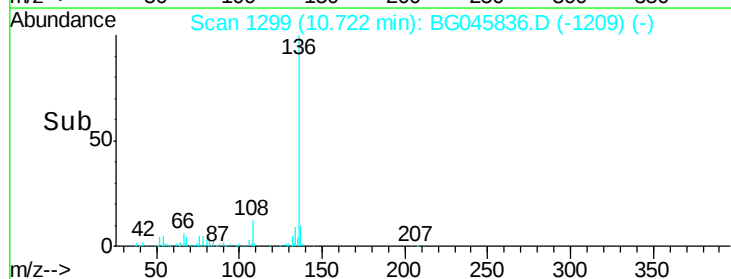
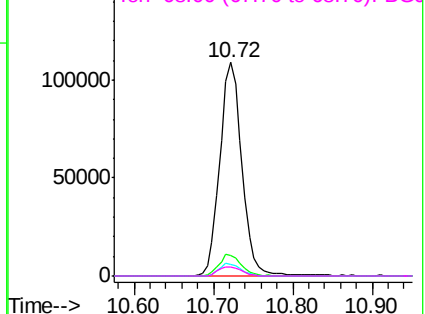
137 9.9 8.7 13.1

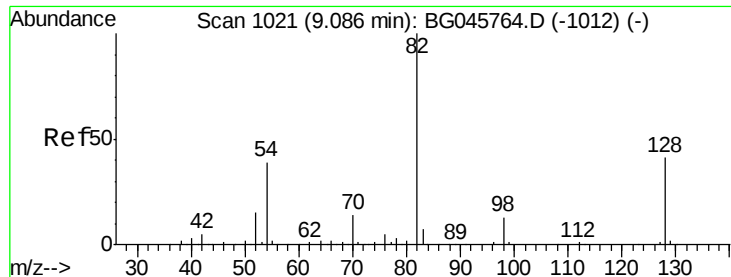
54 5.4 5.8 8.6#

68 4.5 4.0 6.0



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

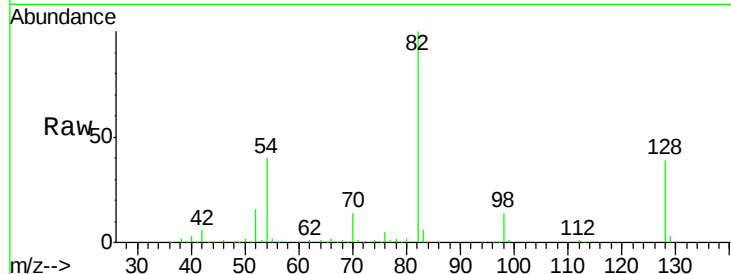




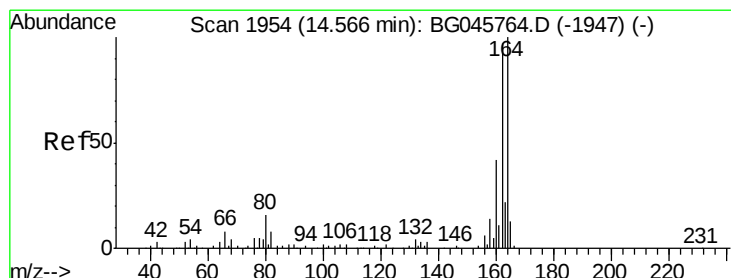
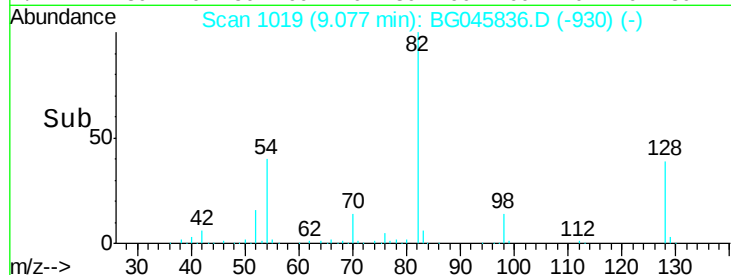
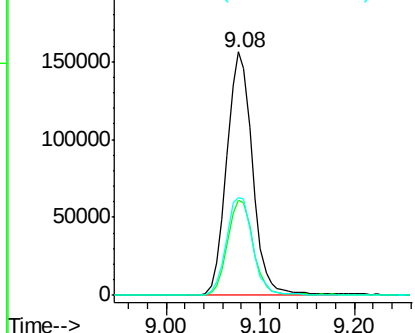
#23
Nitrobenzene-d5
Concen: 64.801 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG045836.D
Acq: 23 Jun 2020 12:15

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0571-200615

Tot Ion	82	Resp	298952
Ion Ratio	100	Lower	Upper
128	38.9	32.5	48.7
54	40.0	31.2	46.8

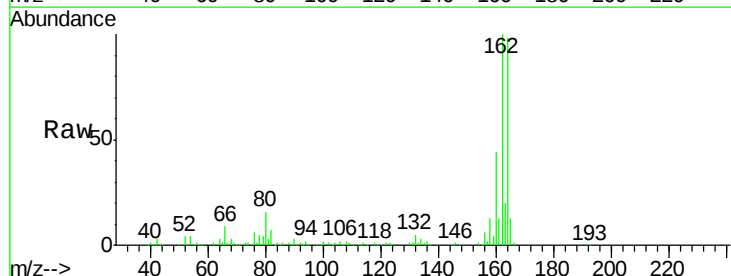


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

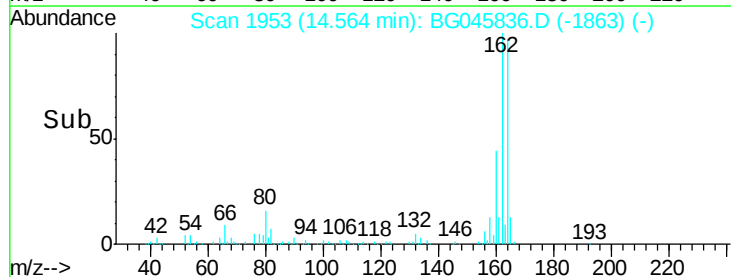
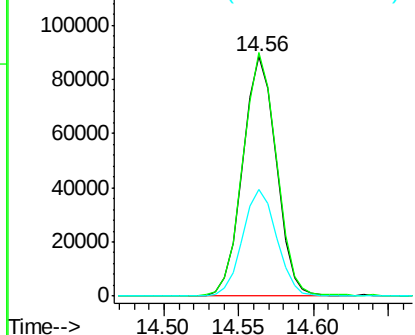


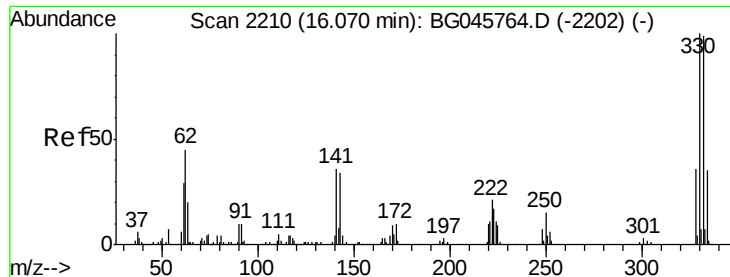
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG045836.D
Acq: 23 Jun 2020 12:15

Tgt Ion	164	Resp	137649
Ion Ratio	100	Lower	Upper
162	101.6	77.4	116.0
160	44.7	33.3	49.9



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: 110.999 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG045836.D

Acq: 23 Jun 2020 12:15

Instrument :

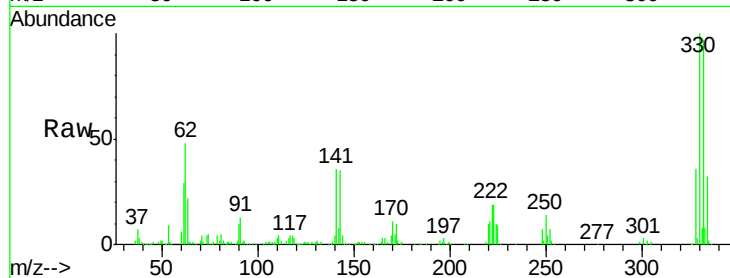
BNA_G

ClientSampleId :

Z1-DUP-0571-200615

Tot Ion:330 Resp: 230671

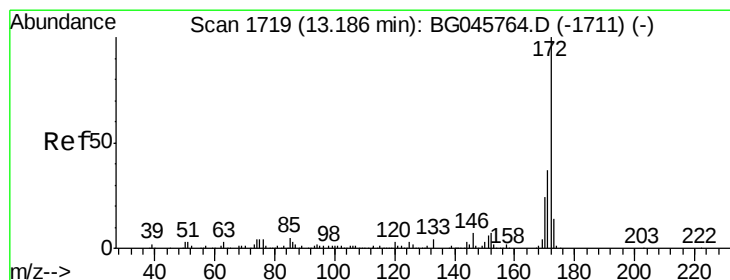
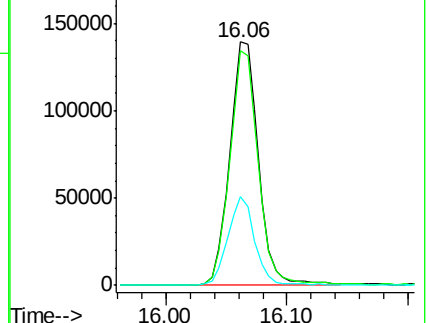
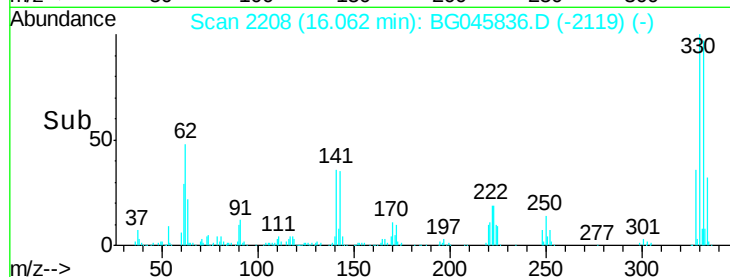
Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.6	117.8
141	34.6	28.2	42.4



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: 77.412 ng

RT: 13.18 min Scan# 1718

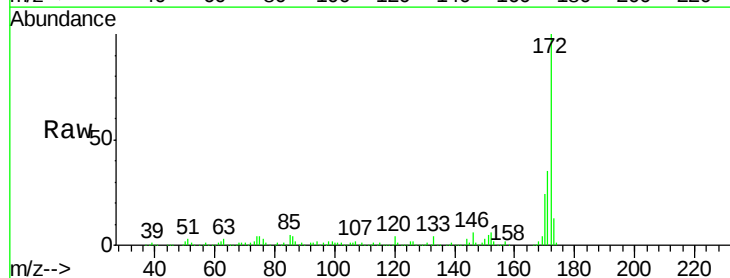
Delta R.T. -0.00 min

Lab File: BG045836.D

Acq: 23 Jun 2020 12:15

Tgt Ion:172 Resp: 725095

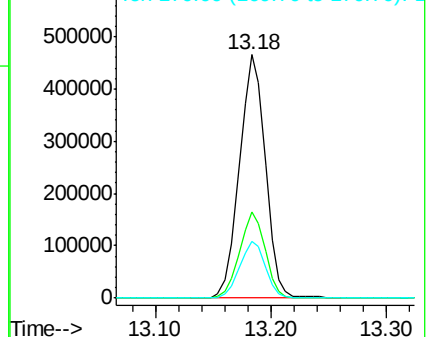
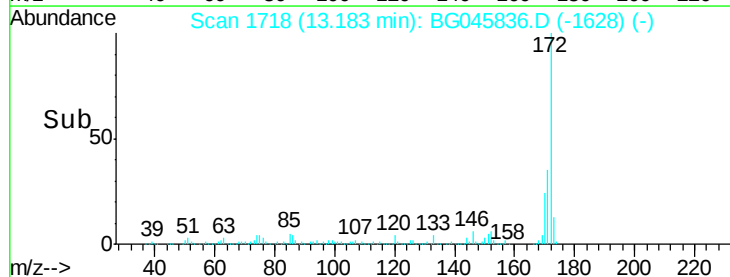
Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.9	44.9
170	23.5	19.3	28.9

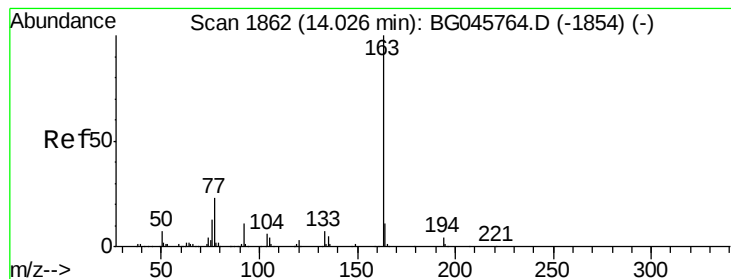


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.591 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BG045836.D

Acq: 23 Jun 2020 12:15

Instrument :

BNA_G

ClientSampleId :

Z1-DUP-0571-200615

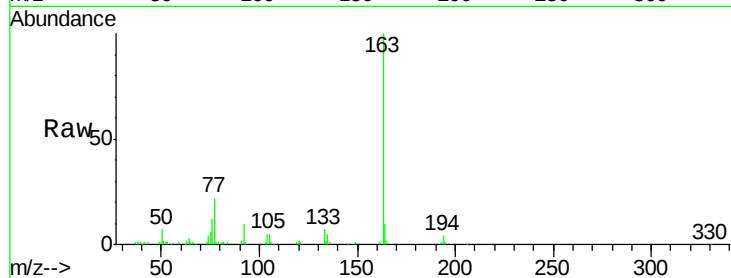
Tot Ion:163 Resp: 60290

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.0

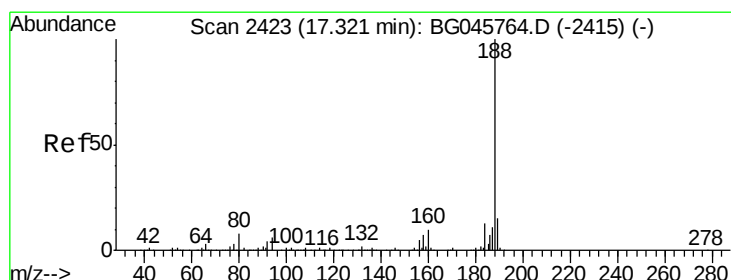
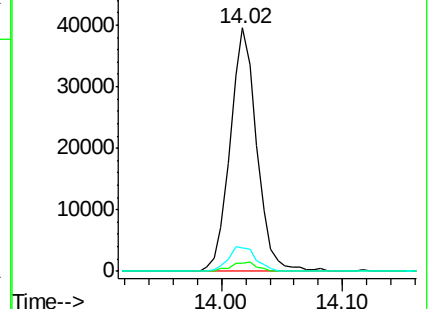
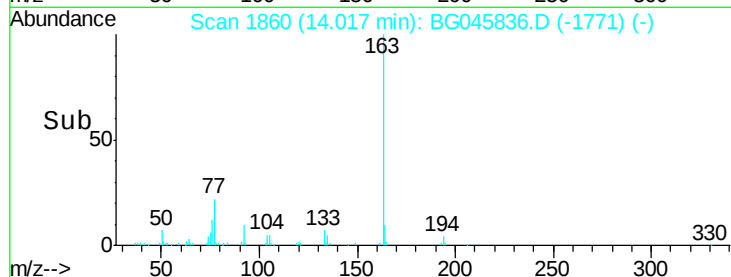
164 9.7 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BG045836.D

Acq: 23 Jun 2020 12:15

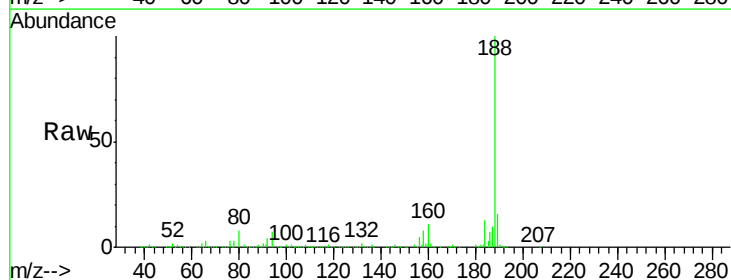
Tgt Ion:188 Resp: 312877

Ion Ratio Lower Upper

188 100

94 6.8 5.1 7.7

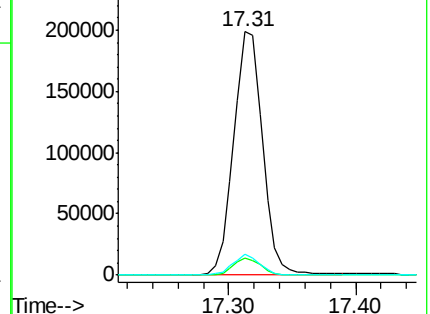
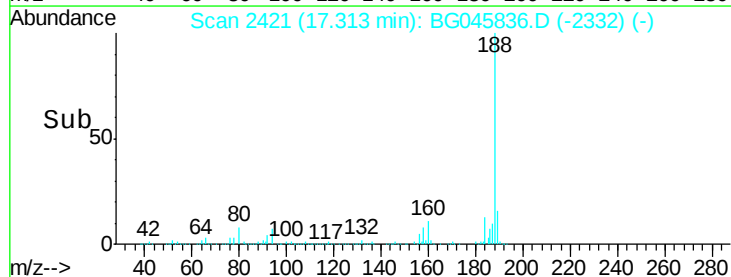
80 8.5 6.2 9.4

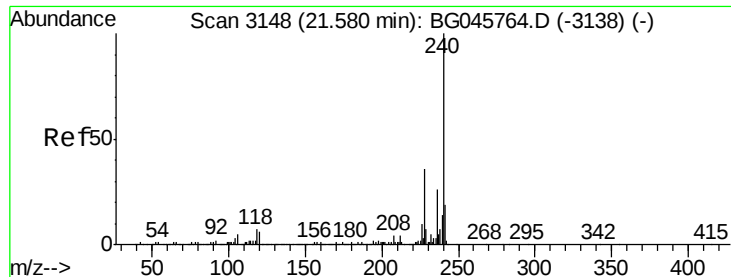


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG045836.D

Acq: 23 Jun 2020 12:15

Instrument :

BNA_G

ClientSampleId :

Z1-DUP-0571-200615

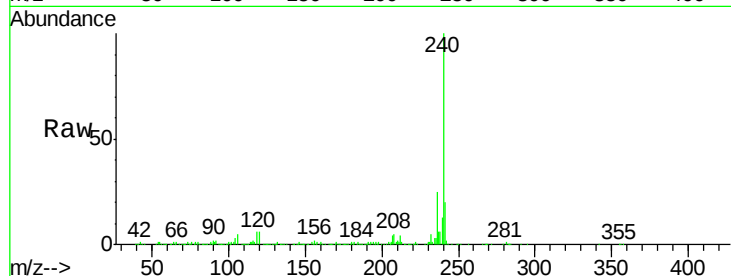
Tot Ion:240 Resp: 313467

Ion Ratio Lower Upper

240 100

120 6.5 5.0 7.4

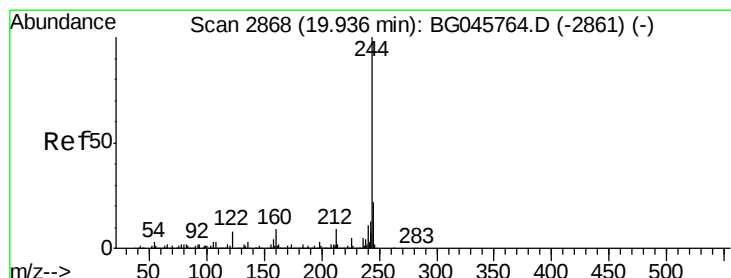
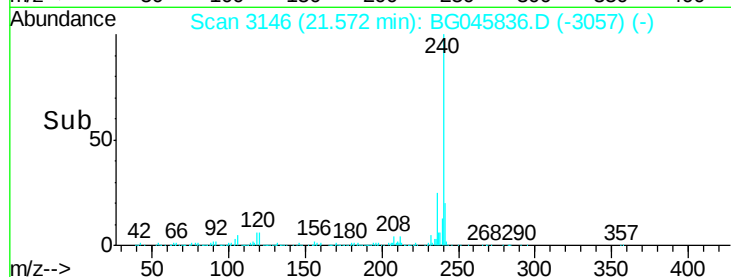
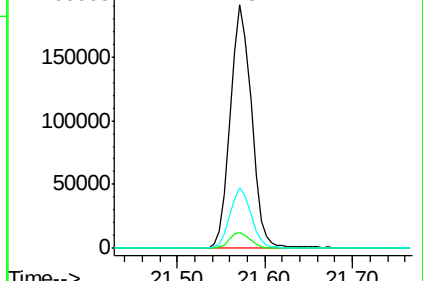
236 24.9 20.6 30.8



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: 78.781 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG045836.D

Acq: 23 Jun 2020 12:15

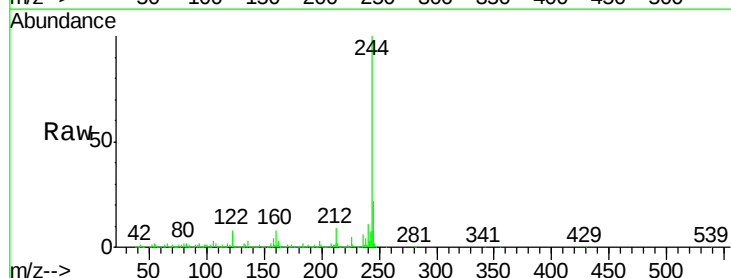
Tgt Ion:244 Resp: 1218553

Ion Ratio Lower Upper

244 100

212 9.2 7.2 10.8

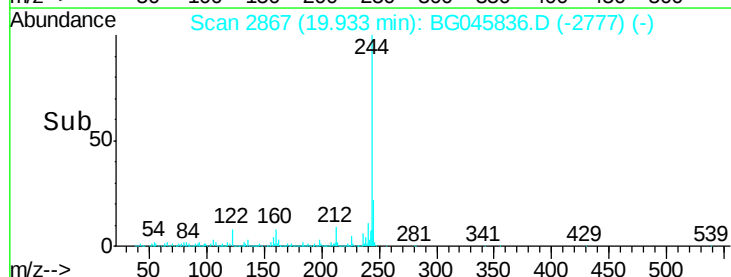
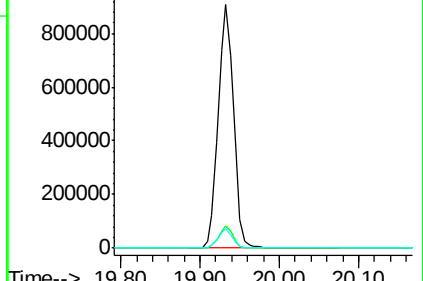
122 7.8 6.4 9.6

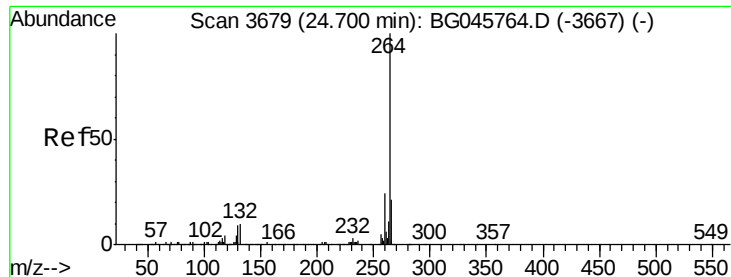


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG045836.D
Acq: 23 Jun 2020 12:15

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0571-200615

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.4
265	20.7	17.4	26.0

