

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
 Data File : BG045776.D
 Acq On : 16 Jun 2020 17:21
 Operator : CG/JU
 Sample : L2808-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120

Quant Time: Jun 16 18:20:43 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

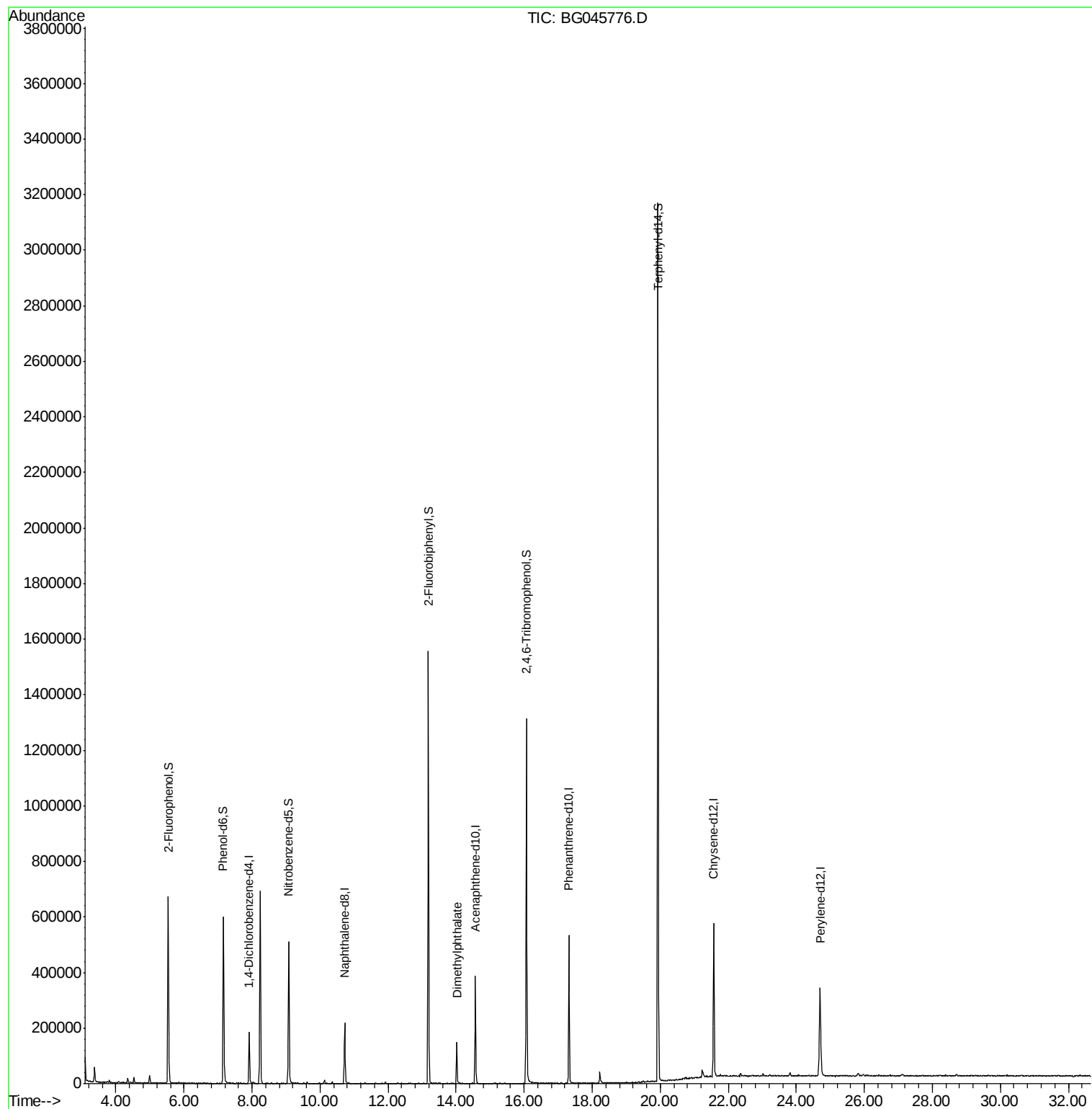
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	52775	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	199838	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	144339	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	351245	20.00	ng	0.00
76) Chrysene-d12	21.57	240	358206	20.00	ng	0.00
86) Perylene-d12	24.70	264	379460	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	326321	104.45	ng	0.00
7) Phenol-d6	7.16	99	397195	83.58	ng	0.00
23) Nitrobenzene-d5	9.08	82	351705	80.40	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	279310	128.17	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	836306	85.15	ng	0.00
79) Terphenyl-d14	19.94	244	1547327	87.54	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.02	163	100766	8.911	ng	Qvalue 97

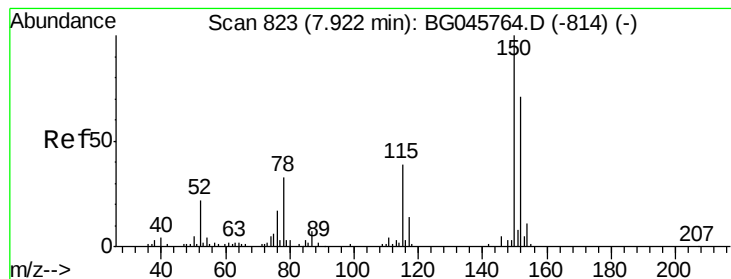
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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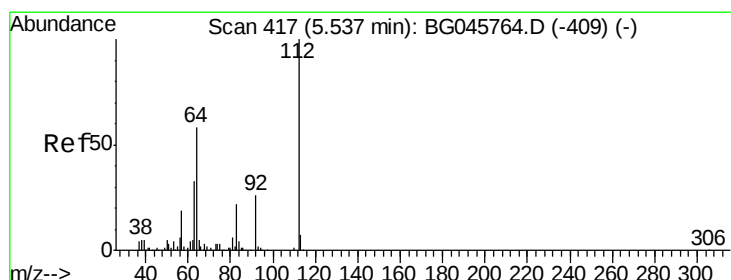
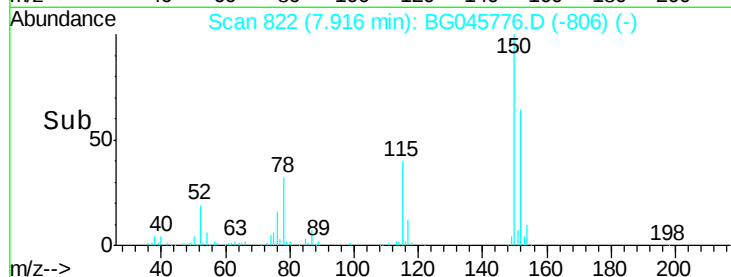
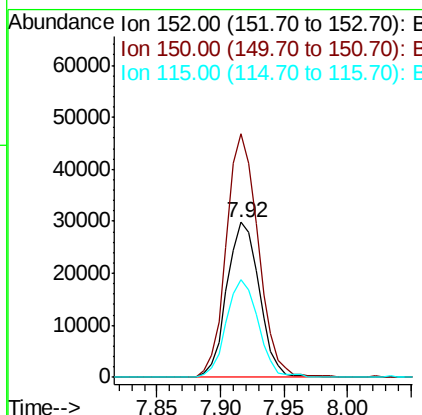
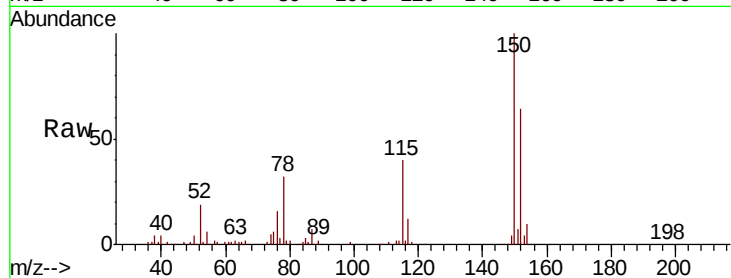


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045776.D
Acq: 16 Jun 2020 17:21

Instrument :
BNA_G
ClientSampleId :
HR-06-061120

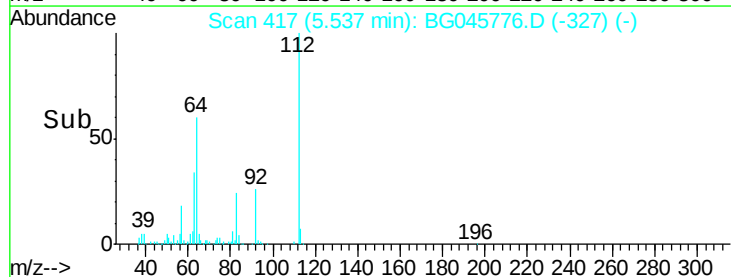
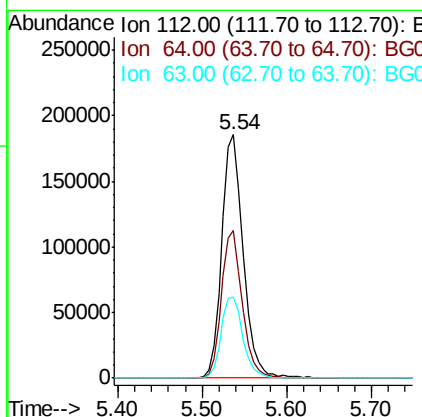
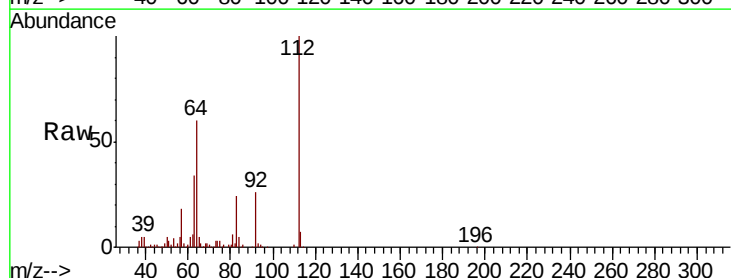
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	113.1	169.7
115	63.1	43.8	65.6

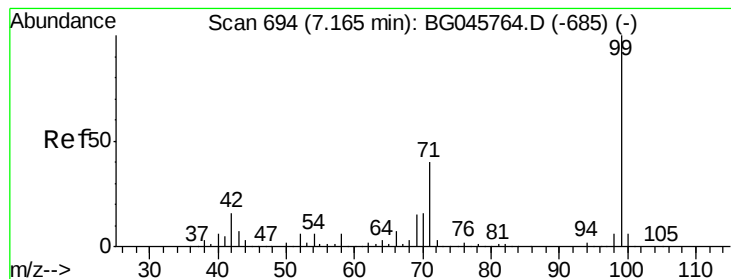


#5

2-Fluorophenol
Concen: 104.450 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG045776.D
Acq: 16 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	46.6	69.8
63	33.5	26.3	39.5





#7

Phenol-d6

Concen: 83.582 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045776.D

Acq: 16 Jun 2020 17:21

Instrument :

BNA_G

ClientSampleId :

HR-06-061120

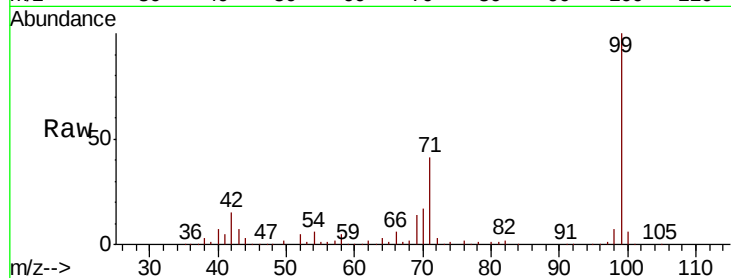
Tot Ion: 99 Resp: 397195

Ion Ratio Lower Upper

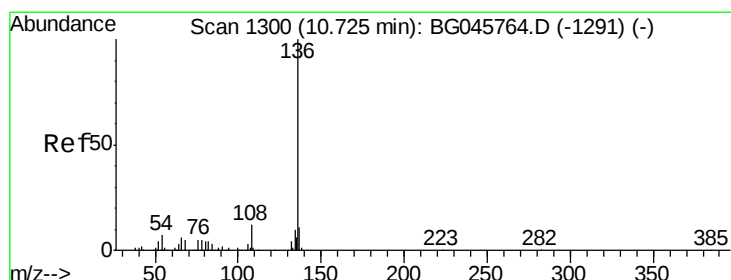
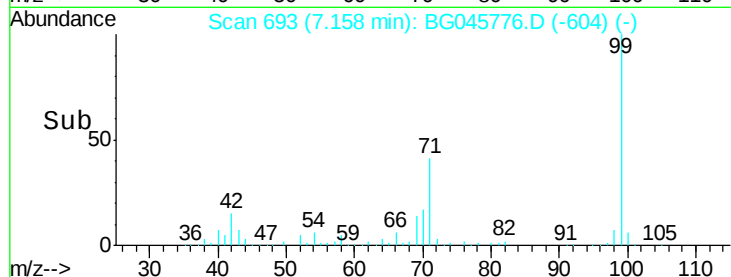
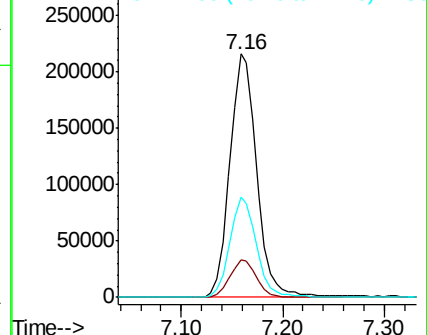
99 100

42 15.5 12.4 18.6

71 41.3 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# 1300

Delta R.T. -0.00 min

Lab File: BG045776.D

Acq: 16 Jun 2020 17:21

Tgt Ion: 136 Resp: 199838

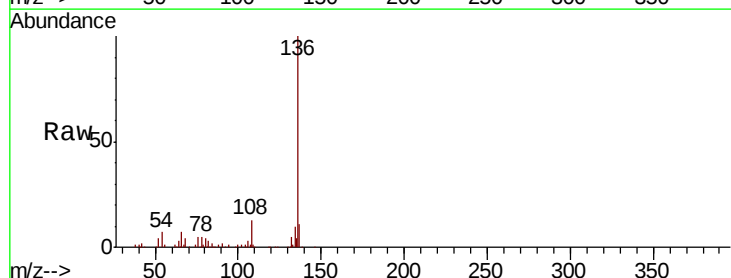
Ion Ratio Lower Upper

136 100

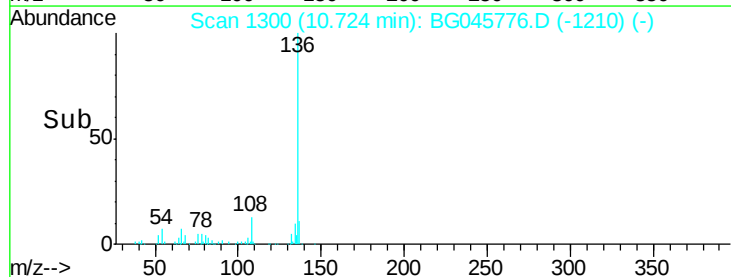
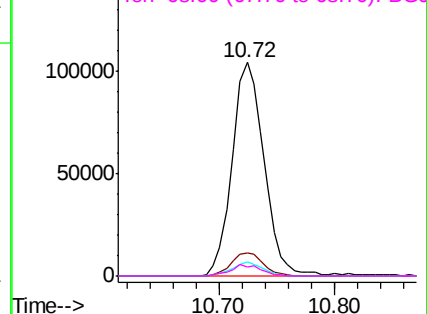
137 10.7 8.7 13.1

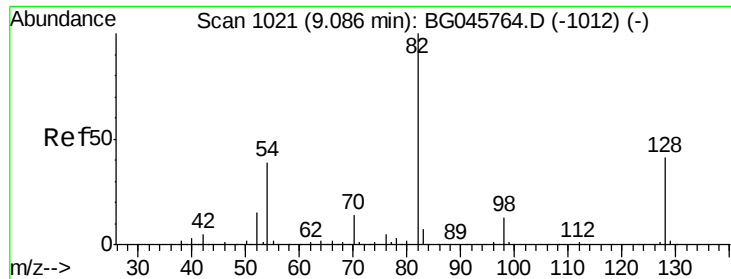
54 6.7 5.8 8.6

68 4.2 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

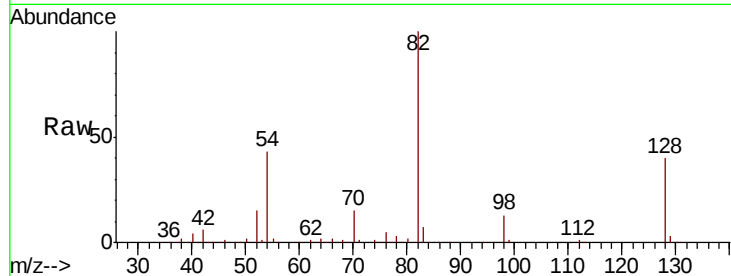




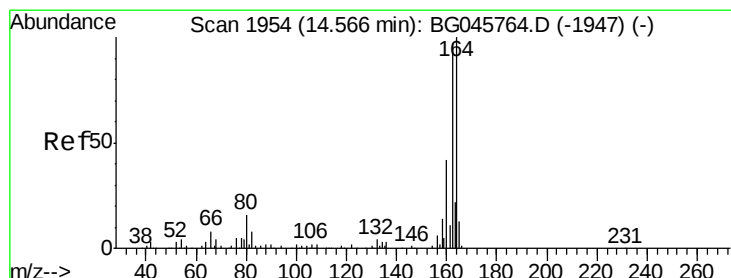
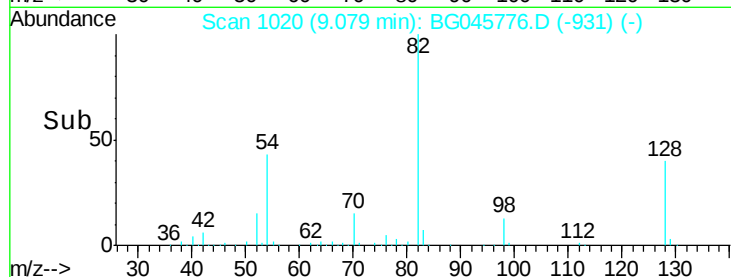
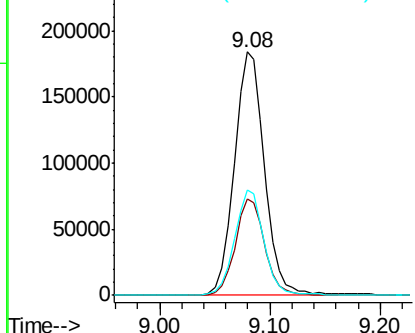
#23
Nitrobenzene-d5
Concen: 80.401 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG045776.D
Acq: 16 Jun 2020 17:21

Instrument :
BNA_G
ClientSampleId :
HR-06-061120

Tot Ion	82	Resp	351705
Ion Ratio	100	Lower	Upper
128	39.6	32.5	48.7
54	43.4	31.2	46.8

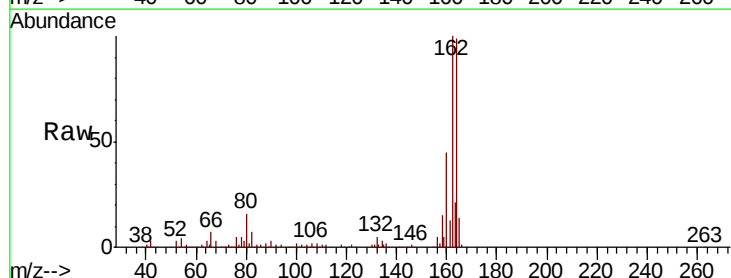


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

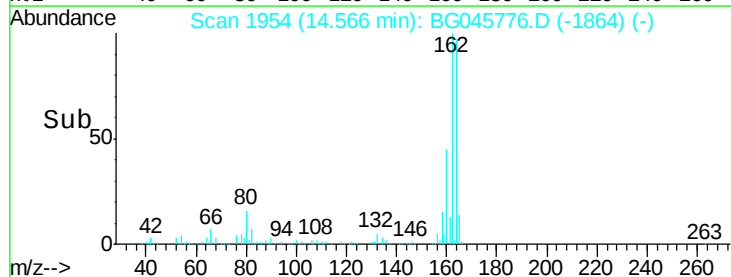
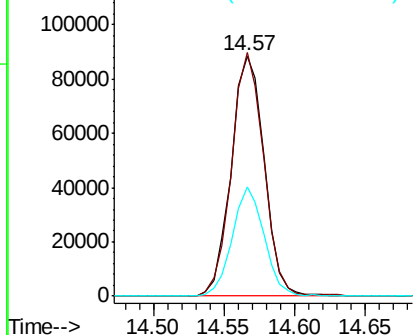


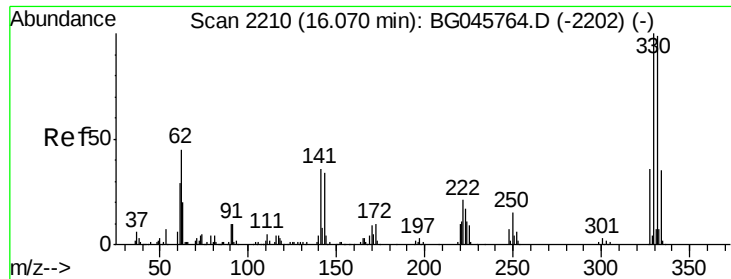
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG045776.D
Acq: 16 Jun 2020 17:21

Tgt Ion	164	Resp	144339
Ion Ratio	100	Lower	Upper
162	101.3	77.4	116.0
160	45.6	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

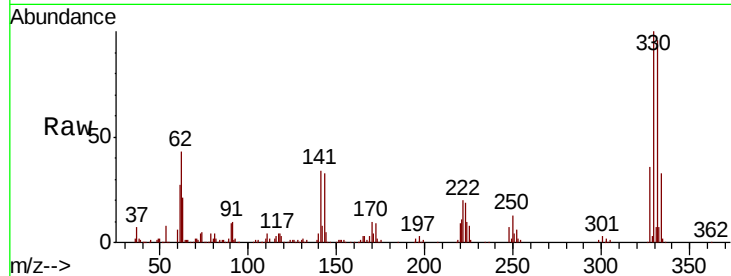




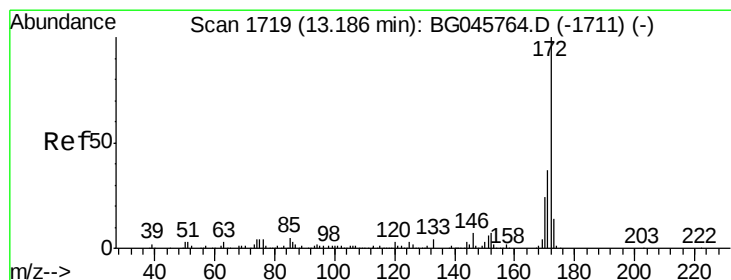
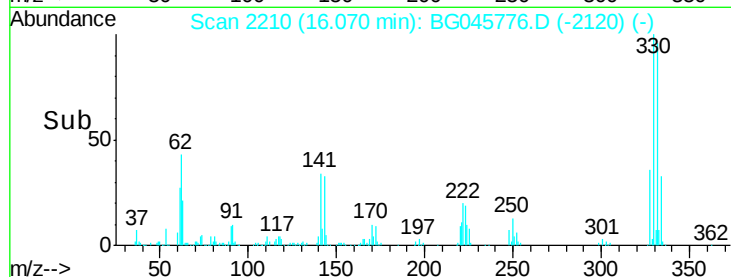
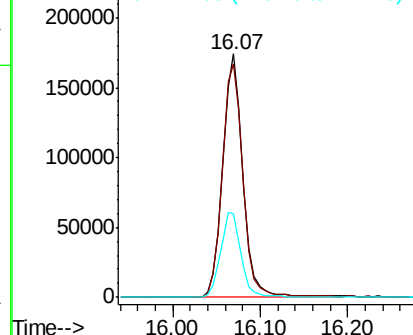
#42
 2,4,6-Tribromophenol
 Concen: 128.174 ng
 RT: 16.07 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: BG045776.D
 Acq: 16 Jun 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	78.6	117.8
141	35.1	28.2	42.4

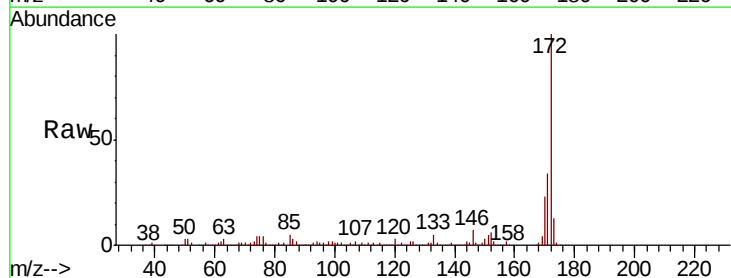


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

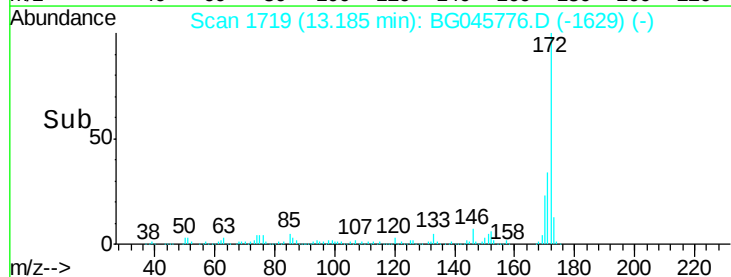
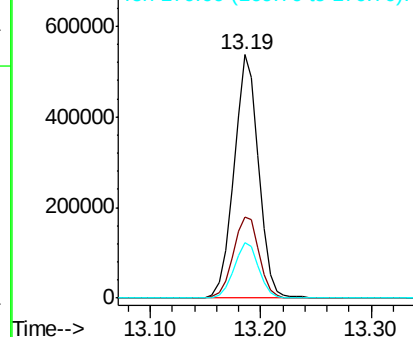


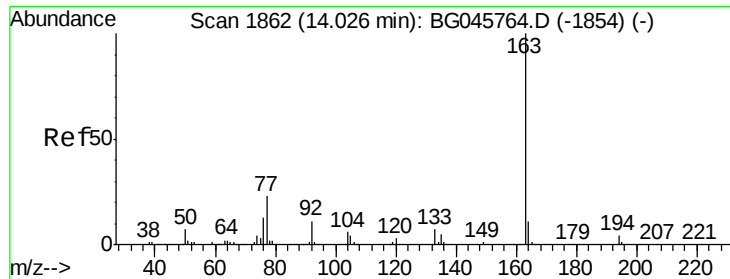
#45
 2-Fluorobiphenyl
 Concen: 85.147 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BG045776.D
 Acq: 16 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.9	44.9
170	22.8	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: 8.911 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BG045776.D

Acq: 16 Jun 2020 17:21

Instrument :

BNA_G

ClientSampleId :

HR-06-061120

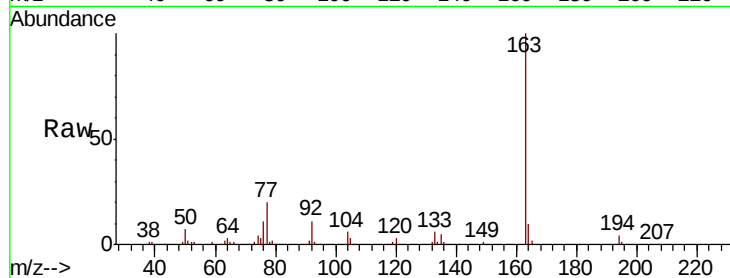
Tot Ion:163 Resp: 100766

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

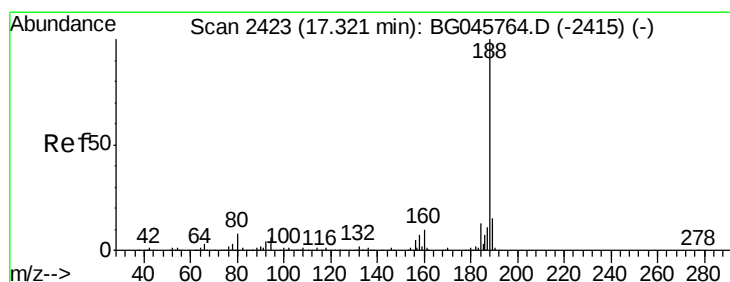
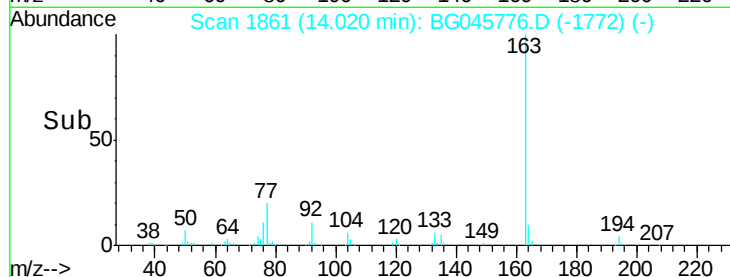
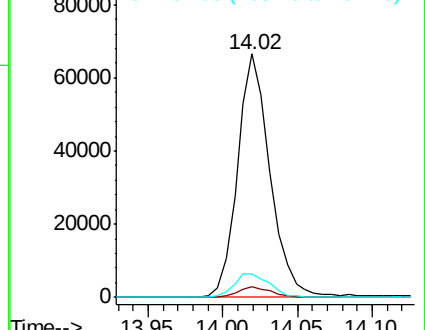
164 9.8 8.9 13.3



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: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG045776.D

Acq: 16 Jun 2020 17:21

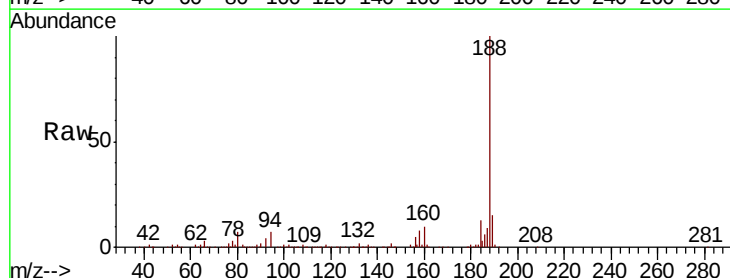
Tgt Ion:188 Resp: 351245

Ion Ratio Lower Upper

188 100

94 6.6 5.1 7.7

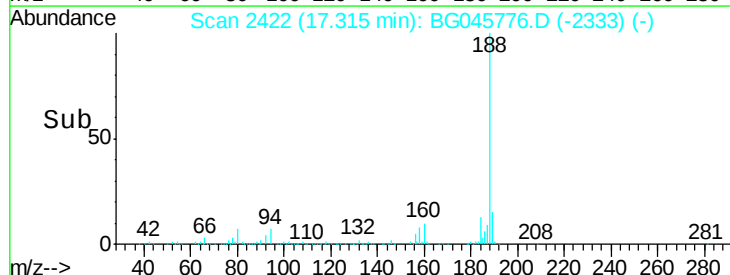
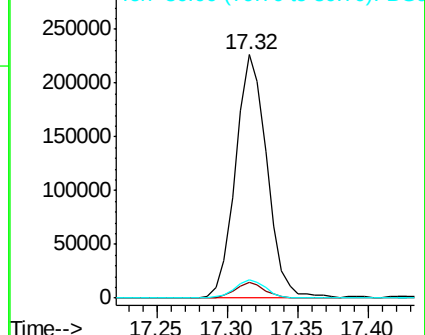
80 7.3 6.2 9.4

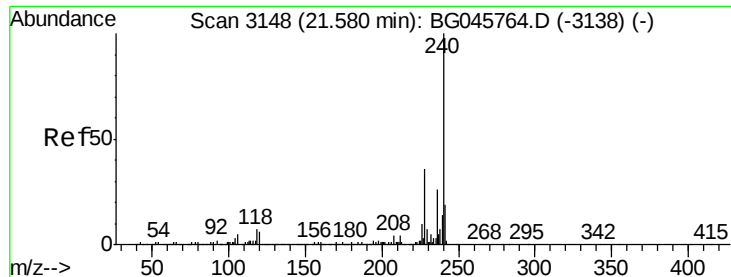


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3147

Delta R.T. -0.01 min

Lab File: BG045776.D

Acq: 16 Jun 2020 17:21

Instrument :

BNA_G

ClientSampleId :

HR-06-061120

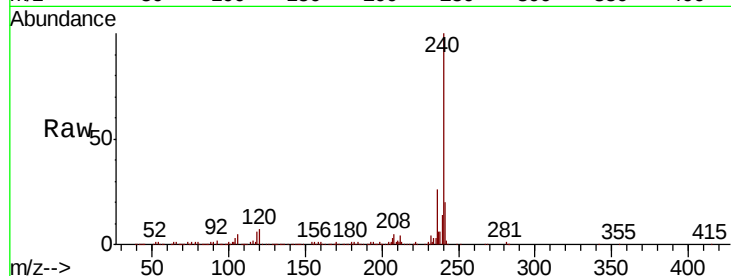
Tot Ion:240 Resp: 358206

Ion Ratio Lower Upper

240 100

120 7.0 5.0 7.4

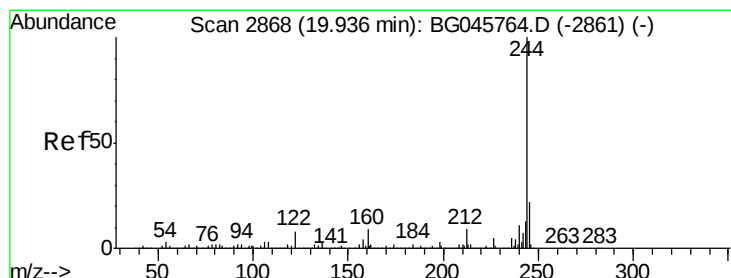
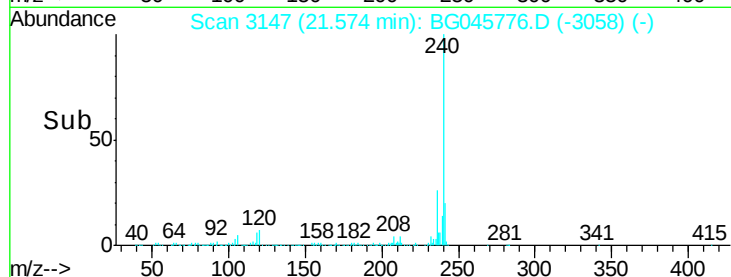
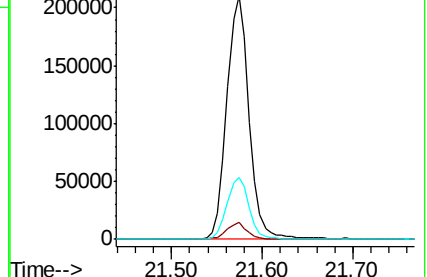
236 25.5 20.6 30.8



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: 87.542 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG045776.D

Acq: 16 Jun 2020 17:21

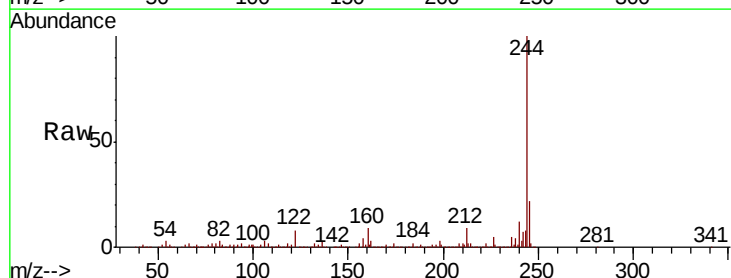
Tgt Ion:244 Resp: 1547327

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

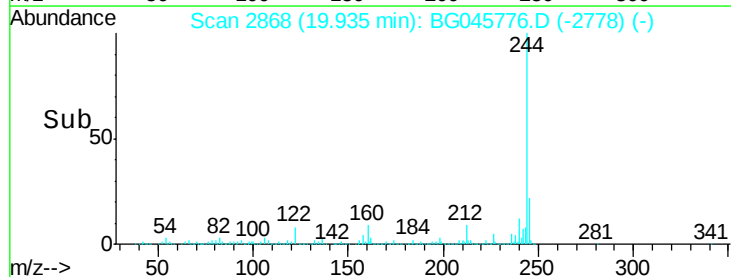
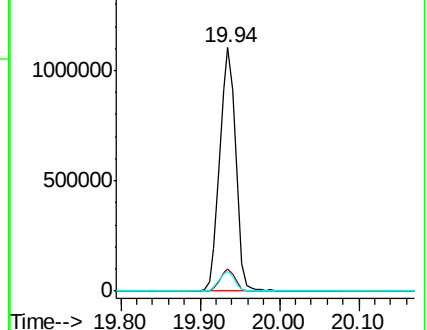
122 8.3 6.4 9.6

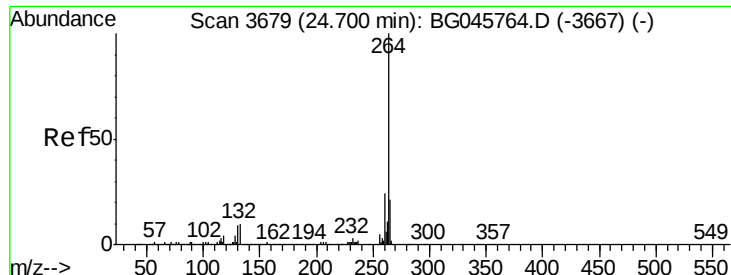


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3679
Delta R.T. -0.00 min
Lab File: BG045776.D
Acq: 16 Jun 2020 17:21

Instrument :
BNA_G
ClientSampleId :
HR-06-061120

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.0	28.4
265	21.4	17.4	26.0

