

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044779.D
 Acq On : 13 Mar 2020 22:53
 Operator : CG/JU
 Sample : L1762-13 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-031220

Quant Time: Mar 14 00:42:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	134808	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	559269	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	356289	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	698503	20.00	ng	0.00
76) Chrysene-d12	21.70	240	536238	20.00	ng	0.00
87) Perylene-d12	24.93	264	618227	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	88681	10.24	ng	0.00
7) Phenol-d6	7.20	99	131256	10.43	ng	0.00
23) Nitrobenzene-d5	9.21	82	87901	6.90	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	47431	10.17	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	192943	7.75	ng	0.00
79) Terphenyl-d14	20.05	244	240997	8.41	ng	0.00

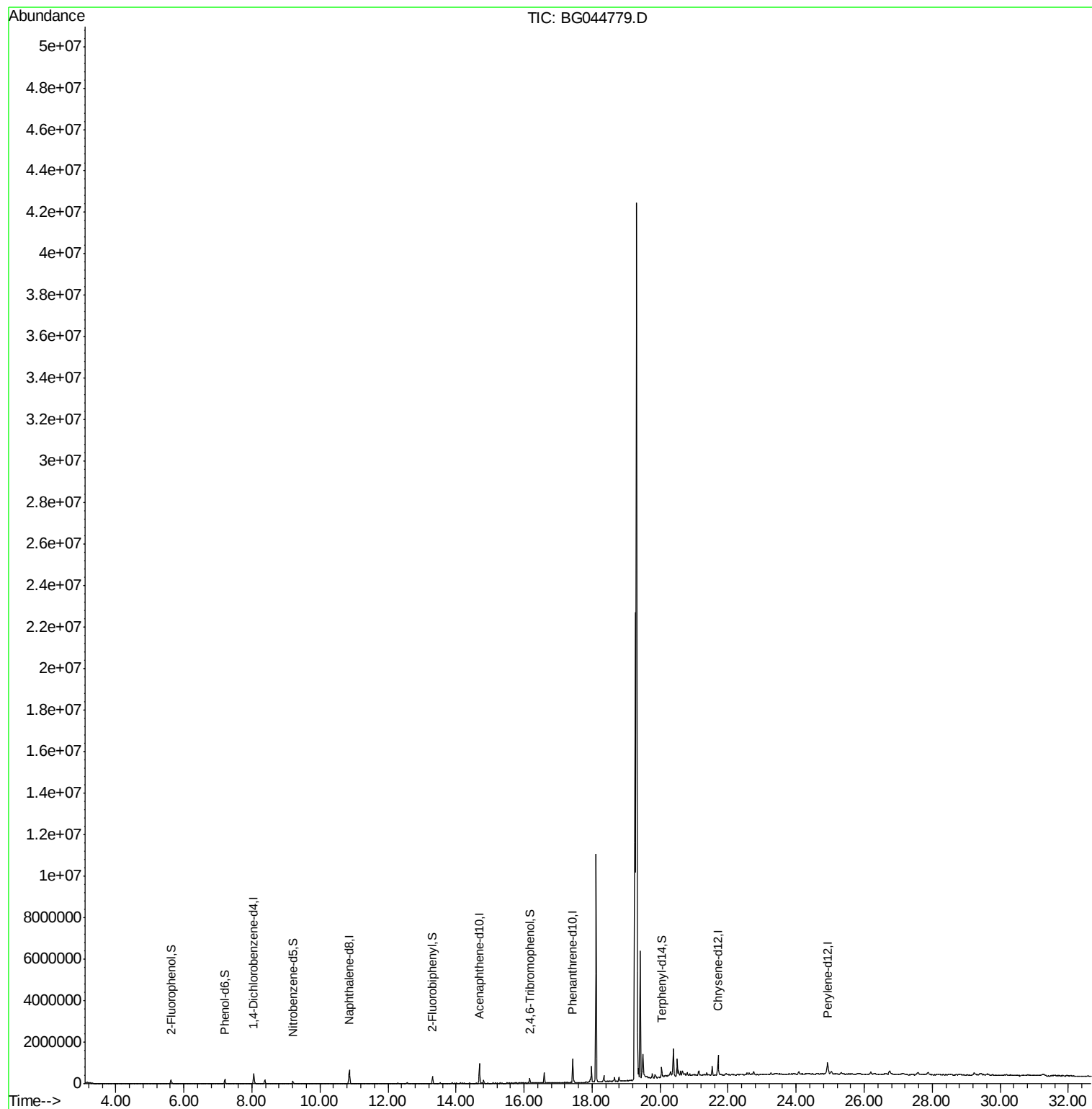
Target Compounds Qvalue

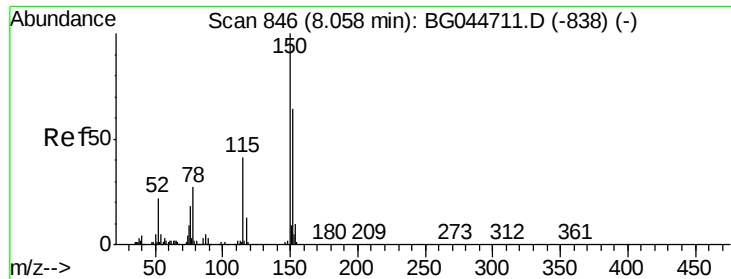
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG044779.D

Acq: 13 Mar 2020 22:53

Instrument :

BNA_G

ClientSampleId :

TR-04-031220

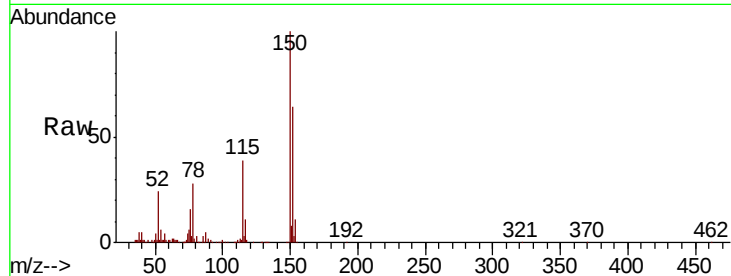
Tot Ion:152 Resp: 134808

Ion Ratio Lower Upper

152 100

150 155.5 125.3 187.9

115 60.7 51.7 77.5



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

150000

100000

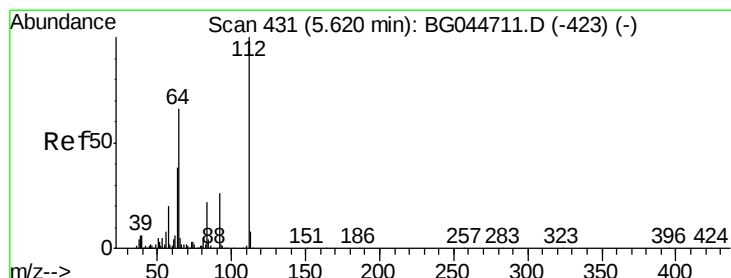
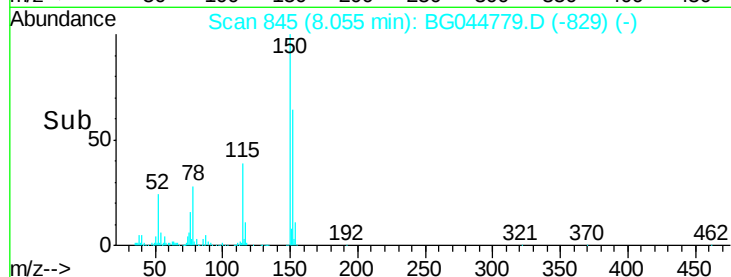
50000

0

8.06

8.00 8.05 8.10

Time-->



#5

2-Fluorophenol

Concen: 10.240 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044779.D

Acq: 13 Mar 2020 22:53

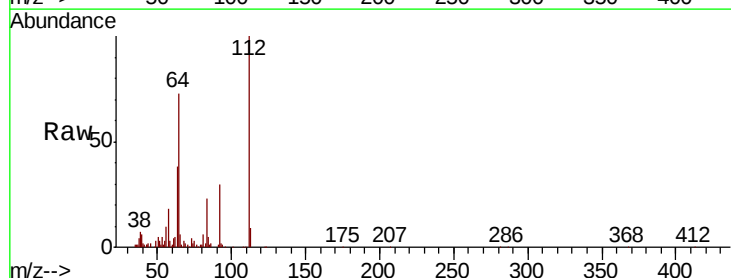
Tgt Ion:112 Resp: 88681

Ion Ratio Lower Upper

112 100

64 72.7 52.6 78.8

63 37.8 30.2 45.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG

60000

50000

40000

30000

20000

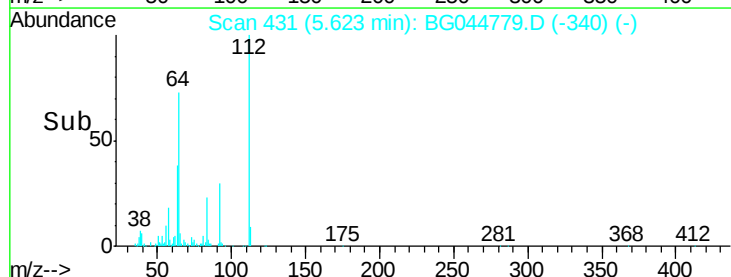
10000

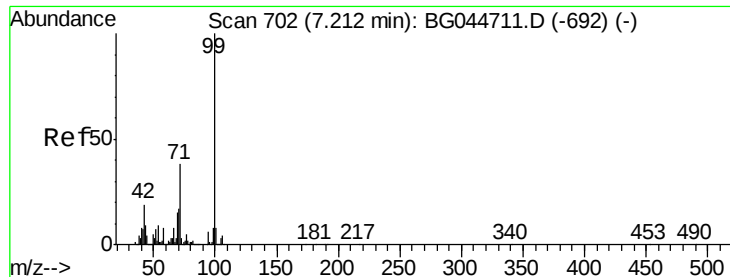
0

5.62

5.55 5.60 5.65 5.70

Time-->





#7

Phenol-d6

Concen: 10.432 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044779.D

Acq: 13 Mar 2020 22:53

Instrument :

BNA_G

ClientSampleId :

TR-04-031220

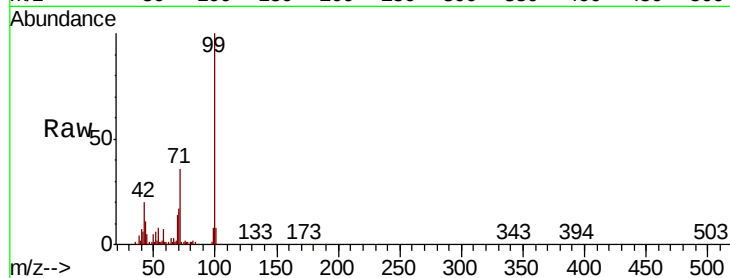
Tot Ion: 99 Resp: 131256

Ion Ratio Lower Upper

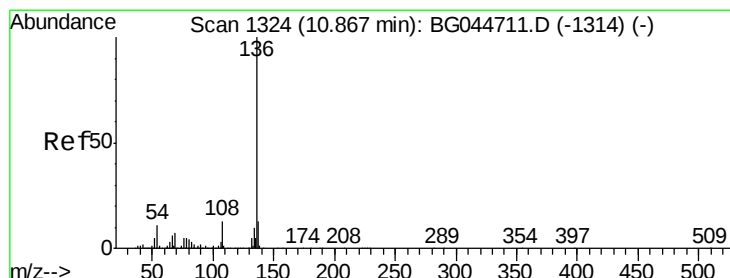
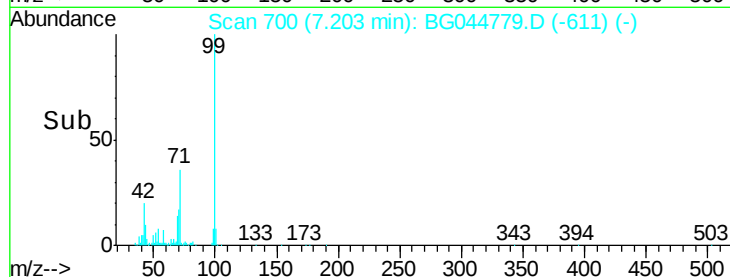
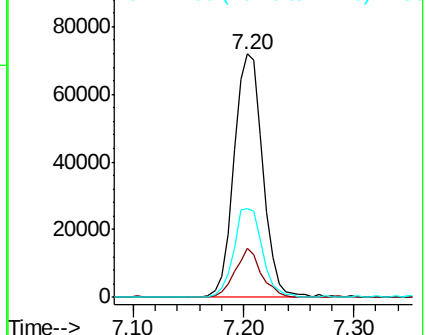
99 100

42 20.2 15.4 23.0

71 36.2 30.2 45.4



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: 10.86 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BG044779.D

Acq: 13 Mar 2020 22:53

Tgt Ion: 136 Resp: 559269

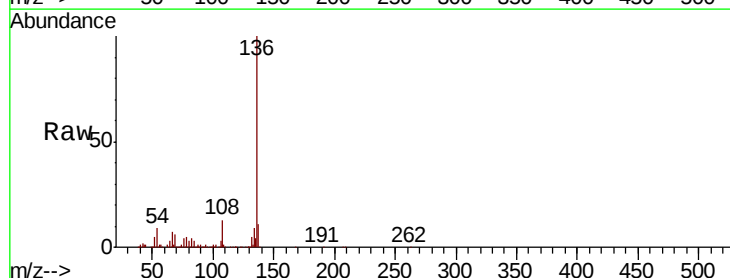
Ion Ratio Lower Upper

136 100

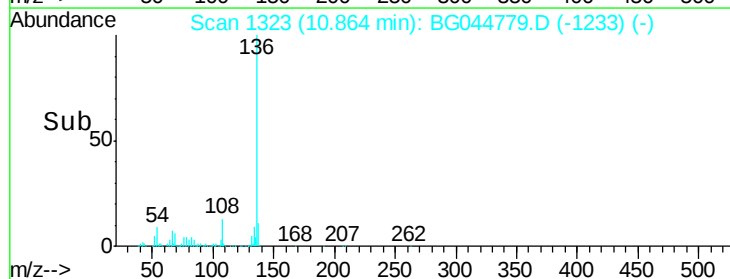
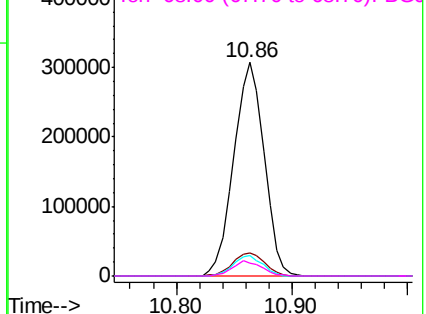
137 10.7 10.7 16.1#

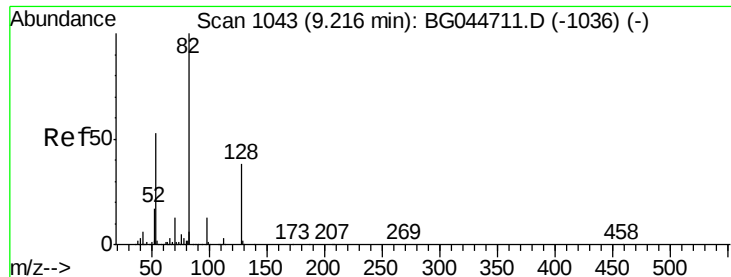
54 9.5 9.0 13.4

68 6.0 5.9 8.9



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

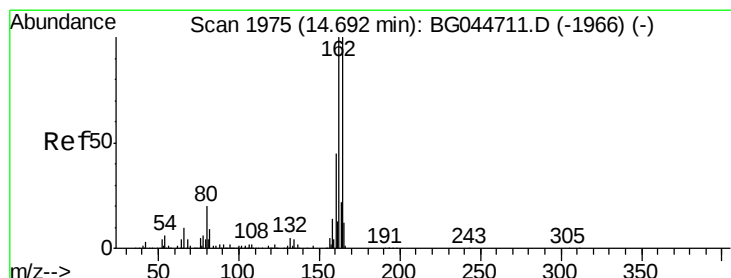
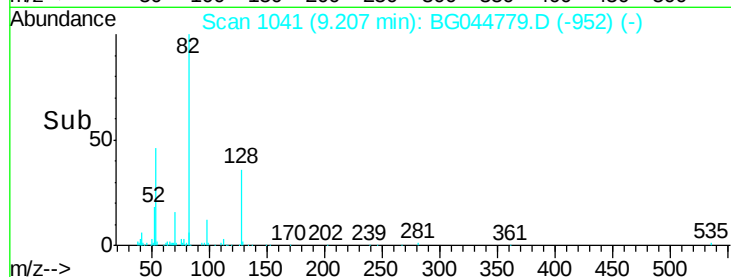
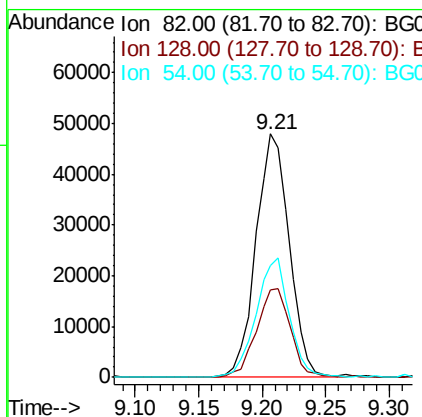
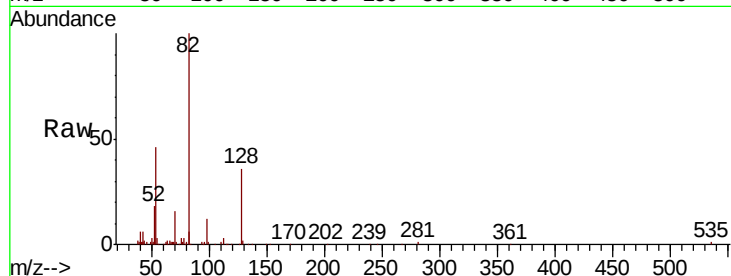




#23
Nitrobenzene-d5
Concen: 6.897 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG044779.D
Acq: 13 Mar 2020 22:53

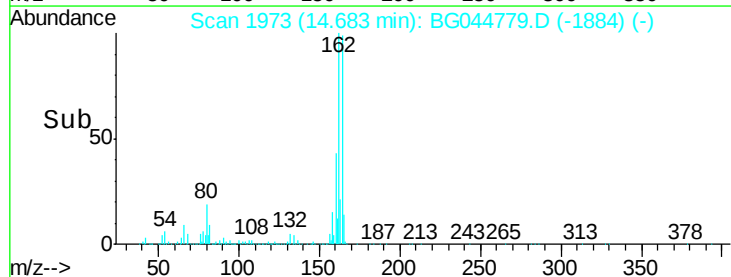
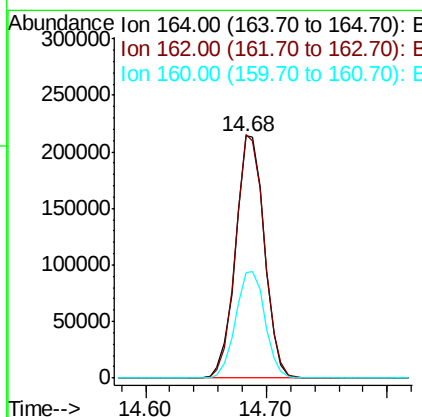
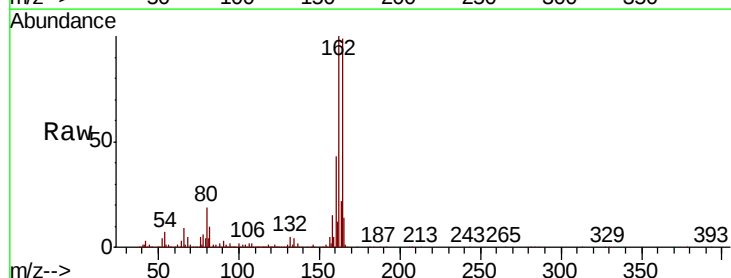
Instrument :
BNA_G
ClientSampleId :
TR-04-031220

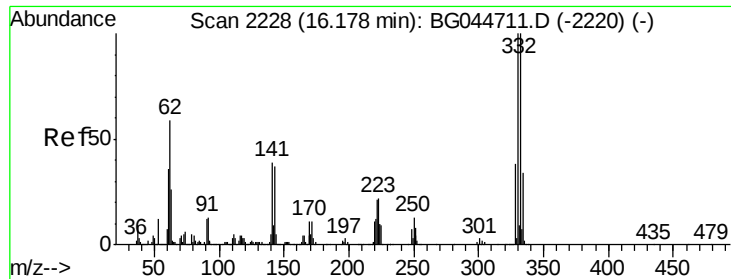
Tot Ion: 82 Resp: 87901
Ion Ratio Lower Upper
82 100
128 36.2 30.2 45.2
54 45.8 41.8 62.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG044779.D
Acq: 13 Mar 2020 22:53

Tgt Ion: 164 Resp: 356289
Ion Ratio Lower Upper
164 100
162 100.6 80.2 120.4
160 43.4 36.2 54.2

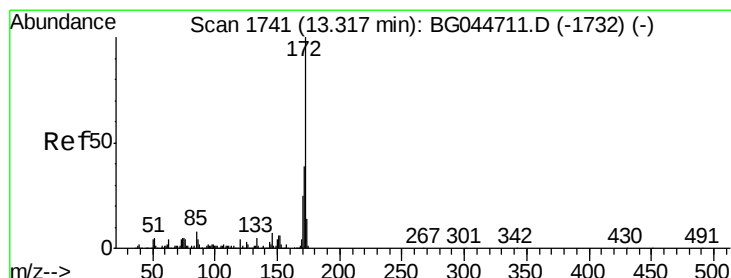
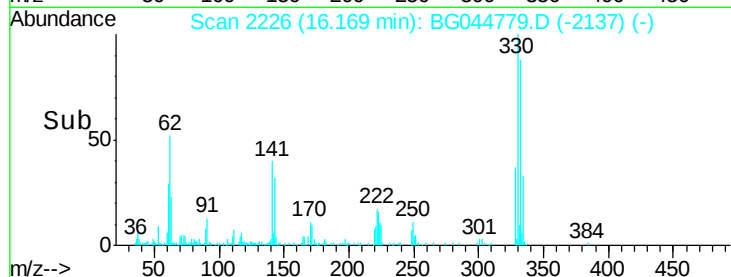
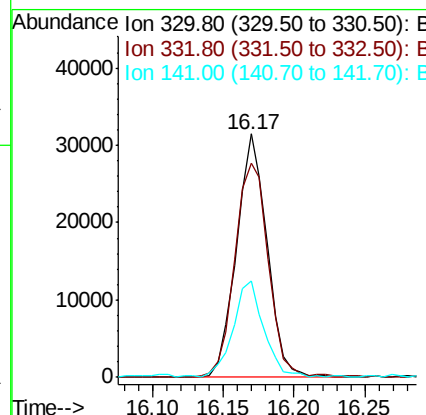
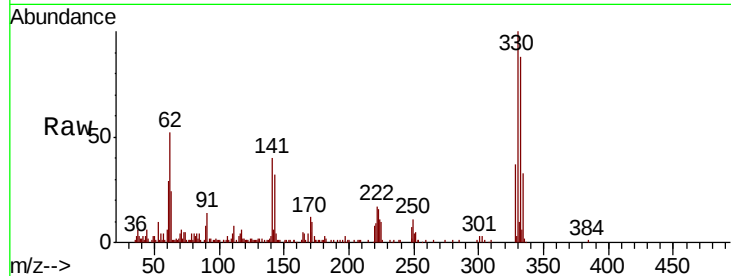




#42
 2,4,6-Tribromophenol
 Concen: 10.167 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BG044779.D
 Acq: 13 Mar 2020 22:53

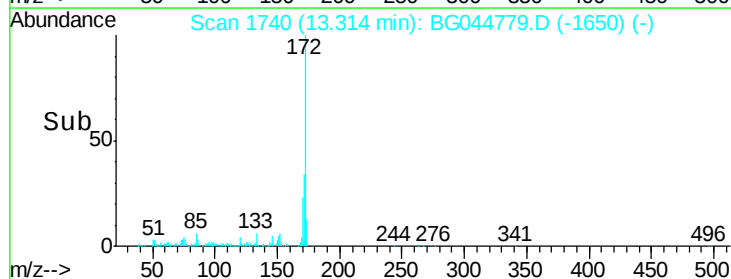
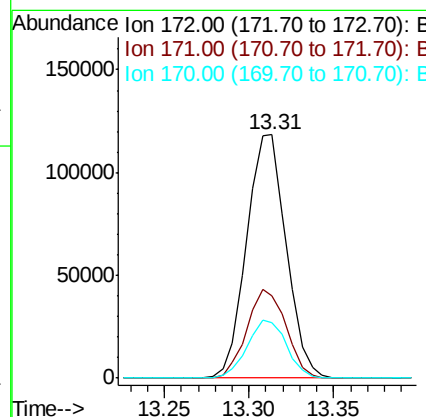
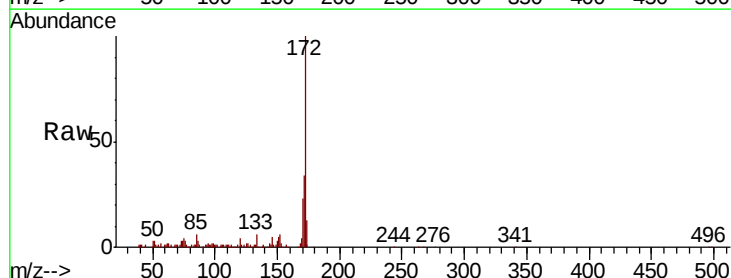
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-031220

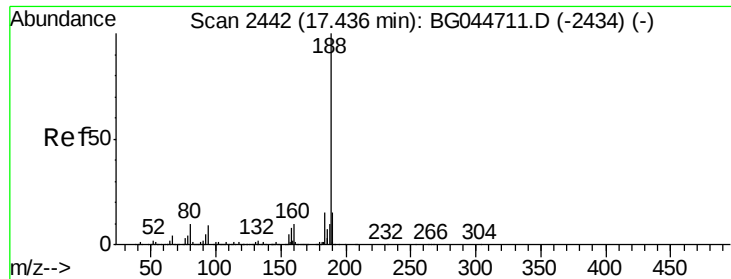
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.5	116.3
141	39.8	31.7	47.5



#45
 2-Fluorobiphenyl
 Concen: 7.755 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG044779.D
 Acq: 13 Mar 2020 22:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	30.8	46.2
170	23.0	20.0	30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG044779.D

Acq: 13 Mar 2020 22:53

Instrument :

BNA_G

ClientSampleId :

TR-04-031220

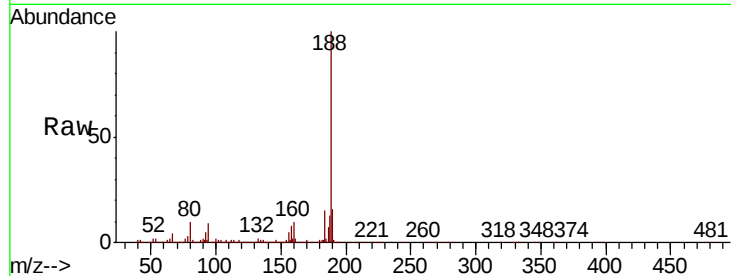
Tot Ion:188 Resp: 698503

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

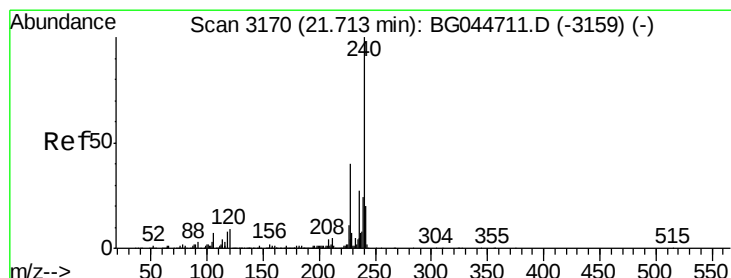
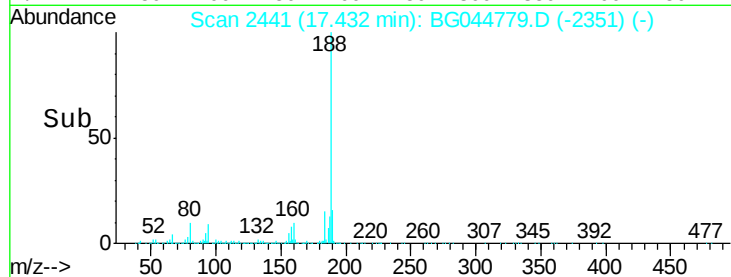
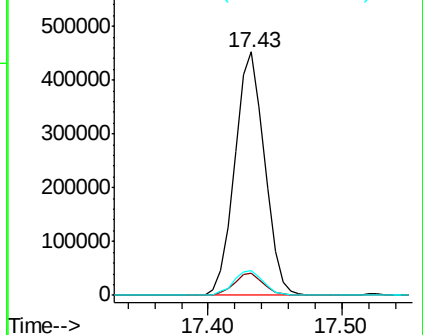
80 10.1 8.4 12.6



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: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG044779.D

Acq: 13 Mar 2020 22:53

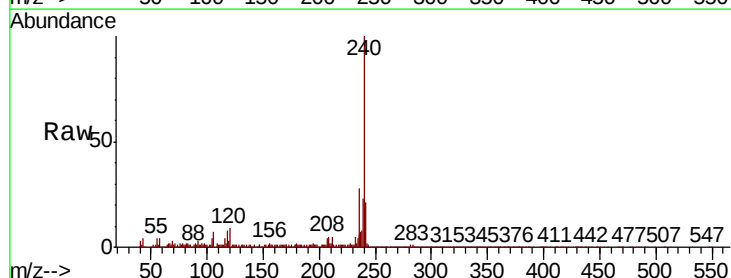
Tgt Ion:240 Resp: 536238

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

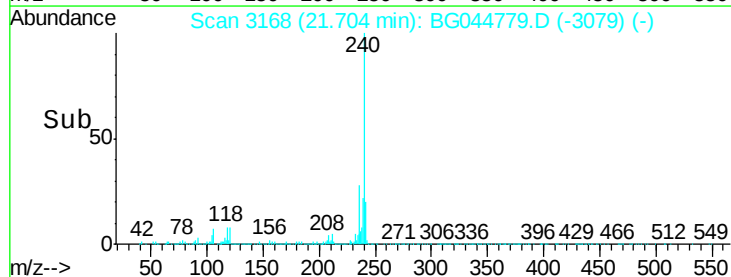
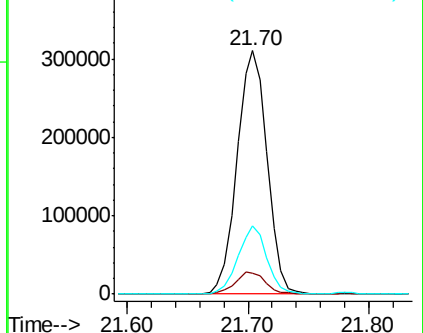
236 28.1 21.9 32.9

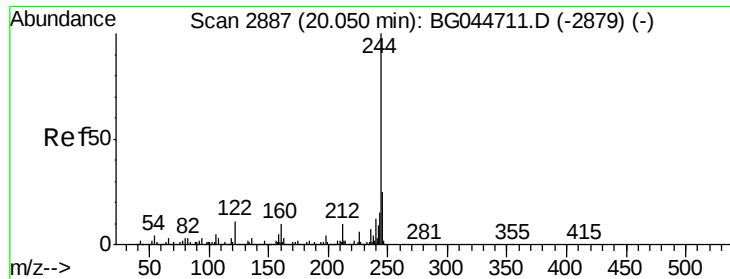


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 8.407 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG044779.D

Acq: 13 Mar 2020 22:53

Instrument :

BNA_G

ClientSampleId :

TR-04-031220

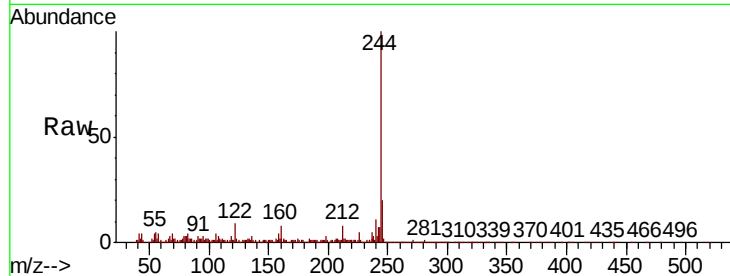
Tot Ion:244 Resp: 240997

Ion Ratio Lower Upper

244 100

212 8.4 8.4 12.6#

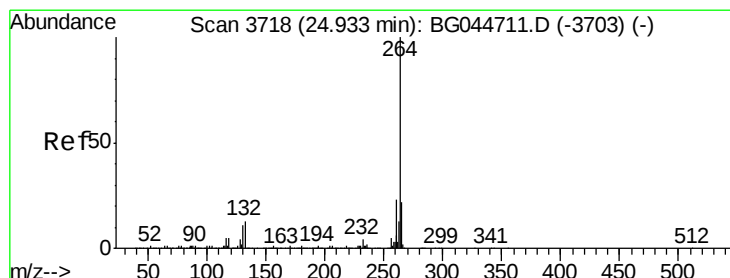
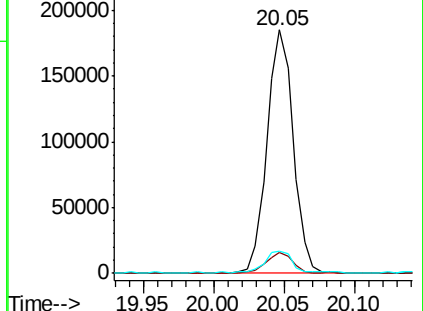
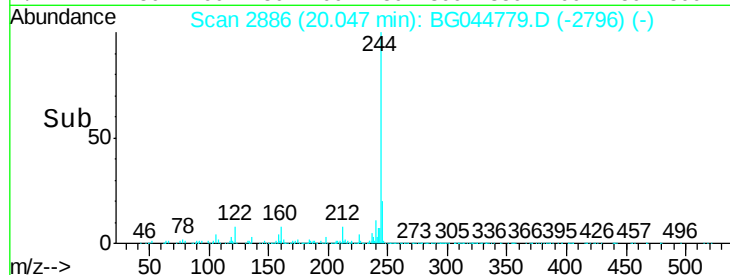
122 8.9 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.00 min

Lab File: BG044779.D

Acq: 13 Mar 2020 22:53

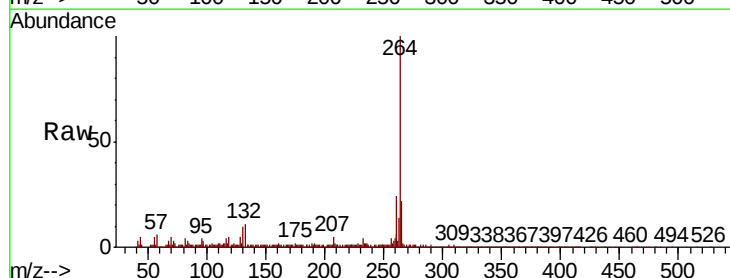
Tgt Ion:264 Resp: 618227

Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

265 22.3 17.4 26.2



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

