

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044784.D
 Acq On : 14 Mar 2020 4:52
 Operator : CG/JU
 Sample : PB127427BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127427BL

Quant Time: Mar 14 05:54:42 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

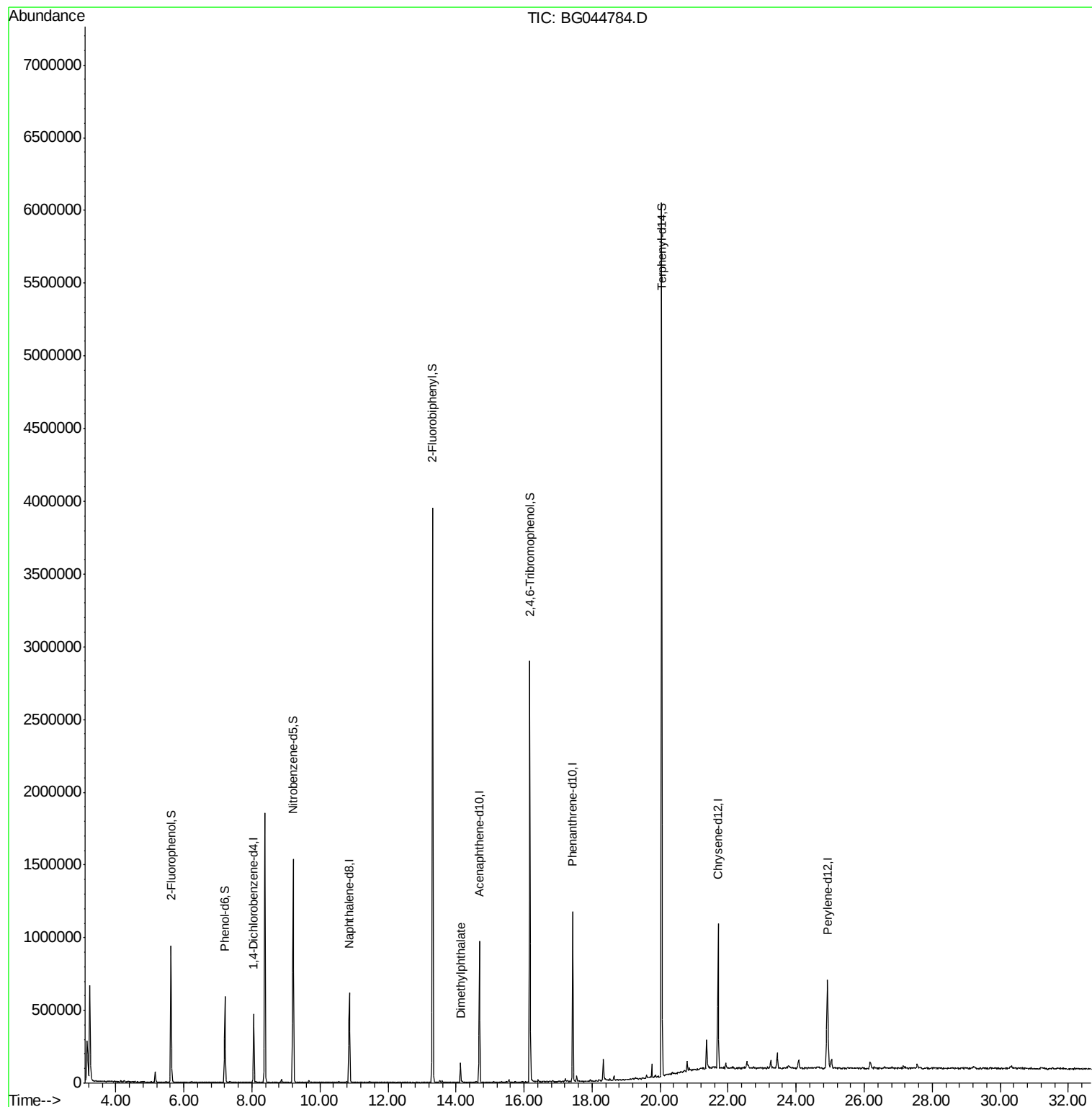
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	130799	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	520970	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	351768	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	718710	20.00	ng	0.00
76) Chrysene-d12	21.70	240	592845	20.00	ng	-0.02
87) Perylene-d12	24.92	264	661371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	418484	49.81	ng	0.00
7) Phenol-d6	7.20	99	355972	29.16	ng	0.00
23) Nitrobenzene-d5	9.21	82	1005651	84.71	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	571302	124.04	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	2009038	81.79	ng	0.00
79) Terphenyl-d14	20.05	244	2609157	82.32	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	87658	3.129	ng	Qvalue 97

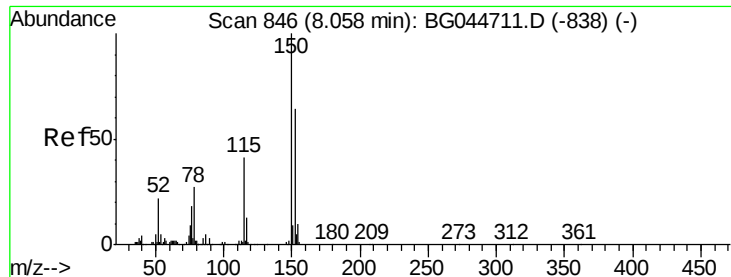
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 14 05:54:42 2020
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QLast Update : Tue Mar 10 16:27:39 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG044784.D

Acq: 14 Mar 2020 4:52

Instrument :

BNA_G

ClientSampleId :

PB127427BL

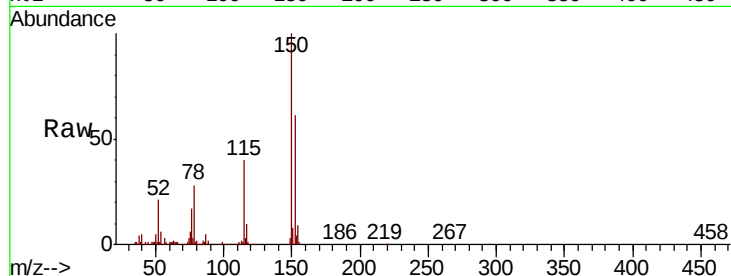
Tot Ion:152 Resp: 130799

Ion Ratio Lower Upper

152 100

150 163.6 125.3 187.9

115 64.7 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

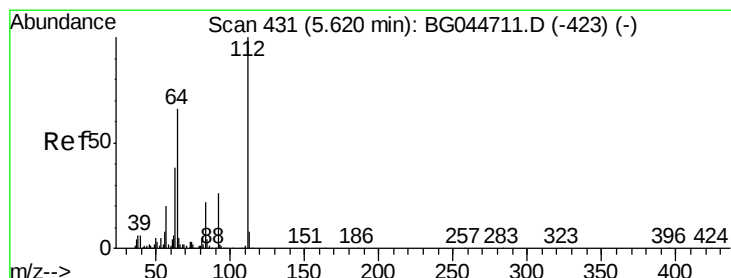
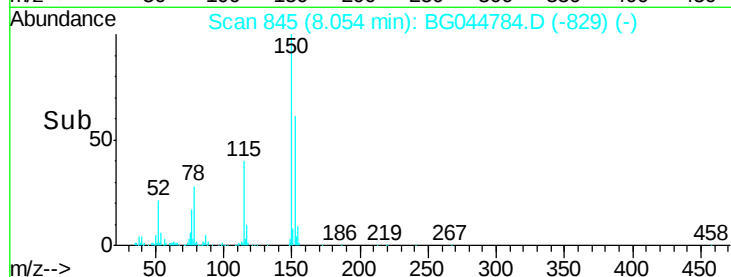
50000

0

8.05

8.00 8.05 8.10 8.15

Time-->



#5

2-Fluorophenol

Concen: 49.805 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044784.D

Acq: 14 Mar 2020 4:52

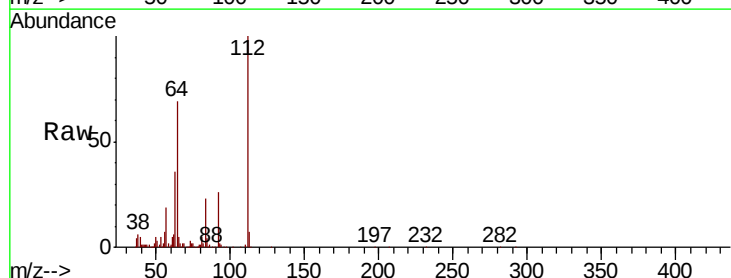
Tgt Ion:112 Resp: 418484

Ion Ratio Lower Upper

112 100

64 68.8 52.6 78.8

63 35.7 30.2 45.4



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

300000

200000

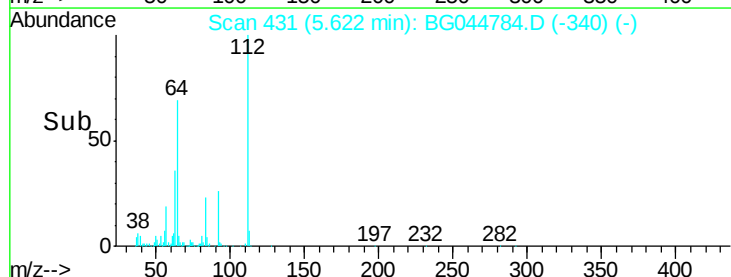
100000

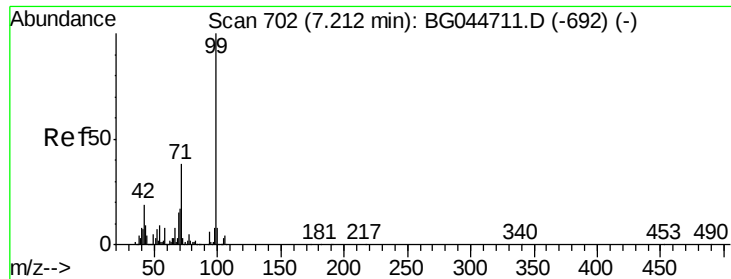
0

5.62

5.55 5.60 5.65 5.70

Time-->





#7

Phenol-d6

Concen: 29.159 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044784.D

Acq: 14 Mar 2020 4:52

Instrument :

BNA_G

ClientSampled :

PB127427BL

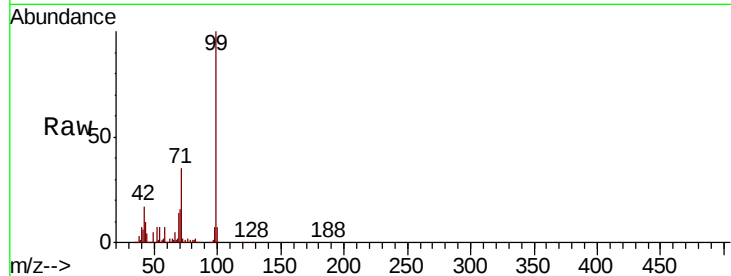
Tot Ion: 99 Resp: 355972

Ion Ratio Lower Upper

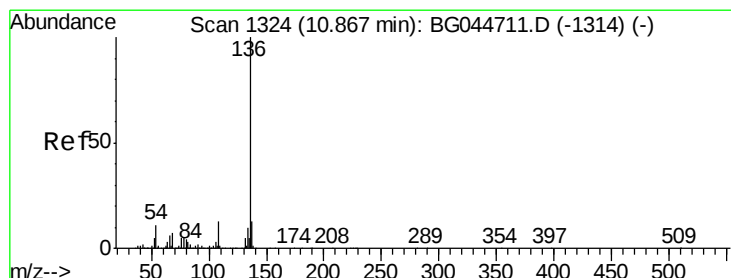
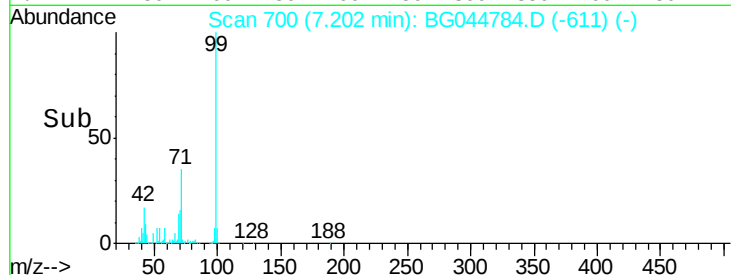
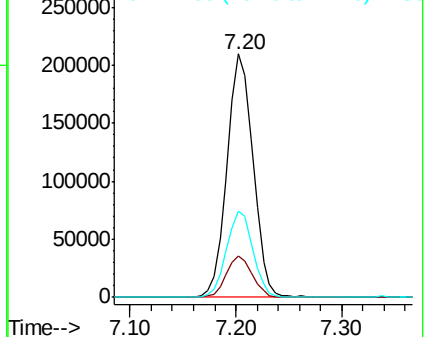
99 100

42 17.0 15.4 23.0

71 35.3 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: BG044784.D

Acq: 14 Mar 2020 4:52

Tgt Ion: 136 Resp: 520970

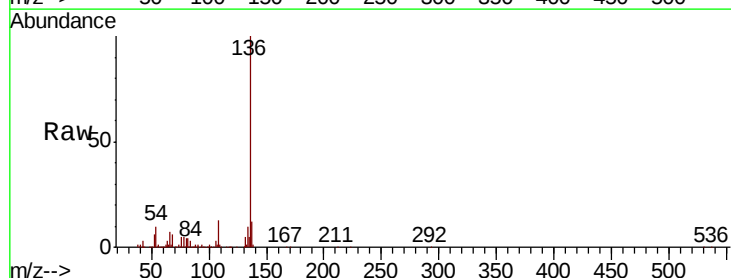
Ion Ratio Lower Upper

136 100

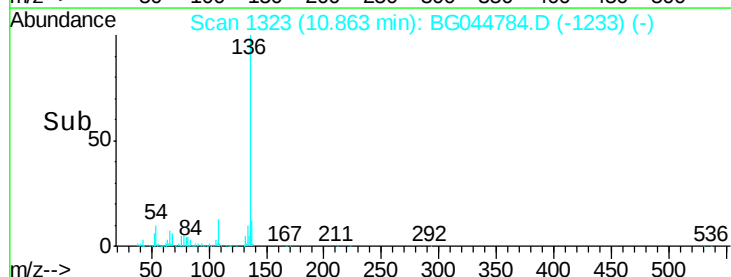
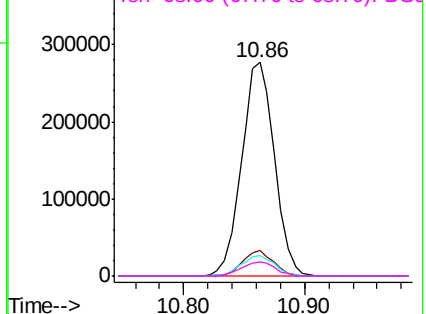
137 12.0 10.7 16.1

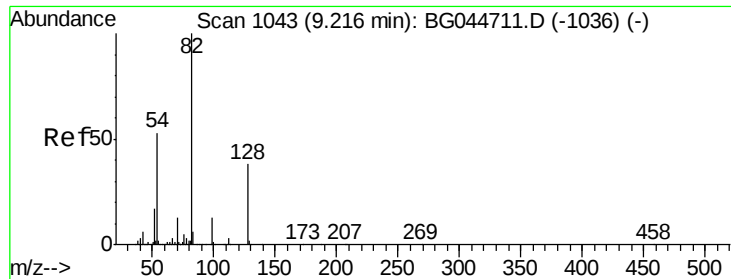
54 9.6 9.0 13.4

68 6.4 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



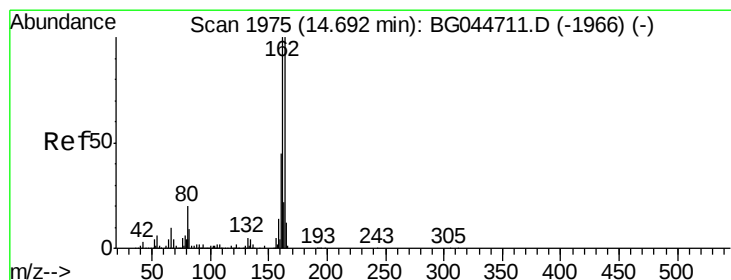
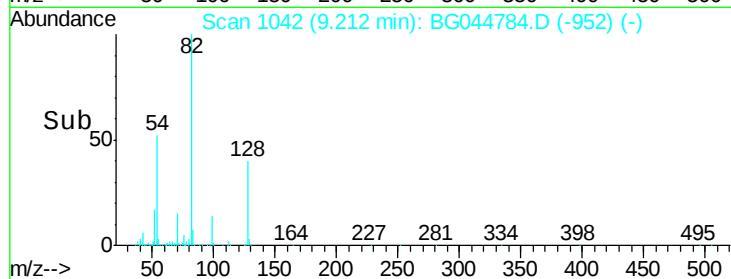
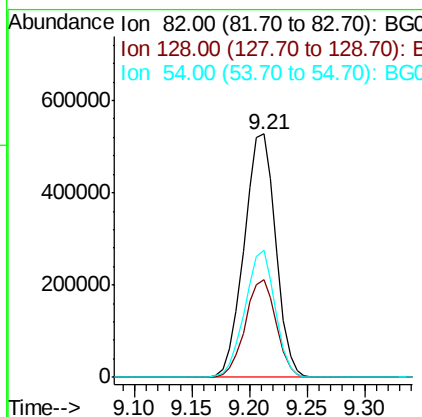
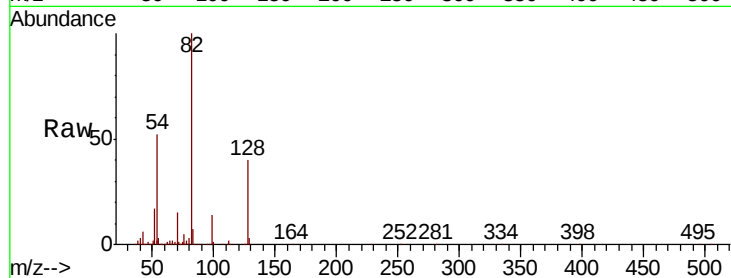


#23
 Nitrobenzene-d5
 Concen: 84.706 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG044784.D
 Acq: 14 Mar 2020 4:52

Instrument :
 BNA_G
 ClientSampleId :
 PB127427BL

Tot Ion: 82 Resp: 1005651

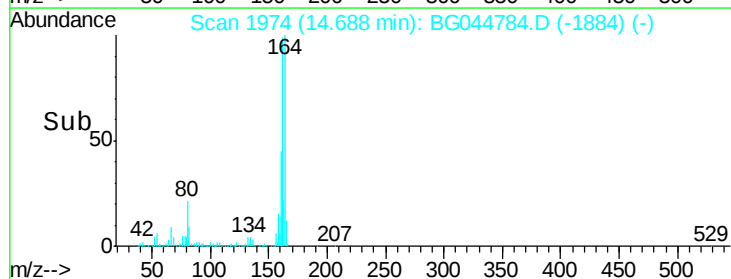
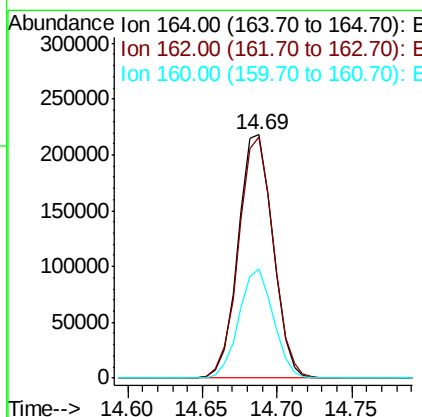
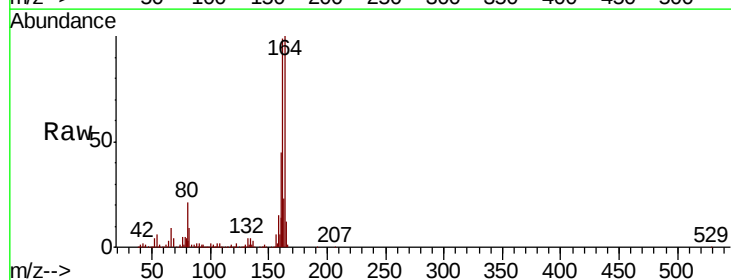
Ion	Ratio	Lower	Upper
82	100		
128	40.1	30.2	45.2
54	52.4	41.8	62.8

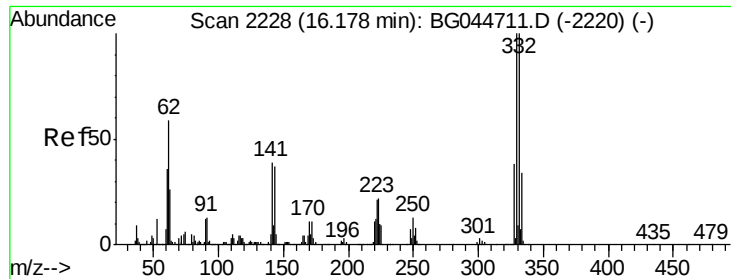


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG044784.D
 Acq: 14 Mar 2020 4:52

Tgt Ion: 164 Resp: 351768

Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.2	120.4
160	44.9	36.2	54.2

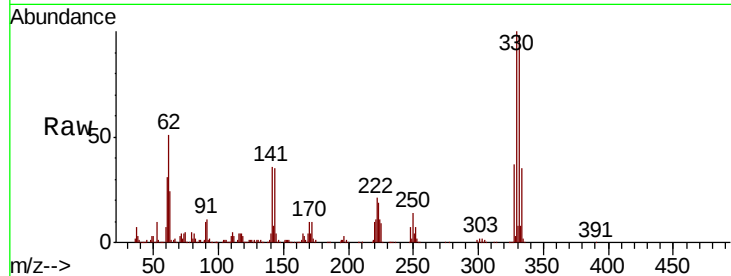




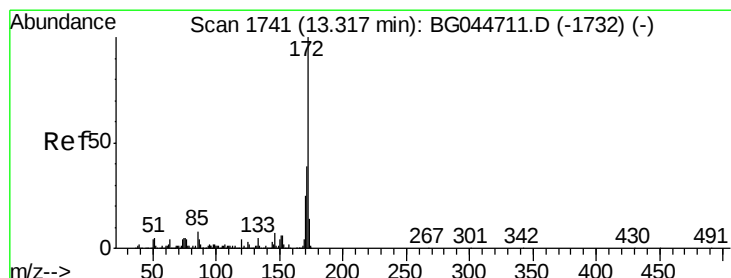
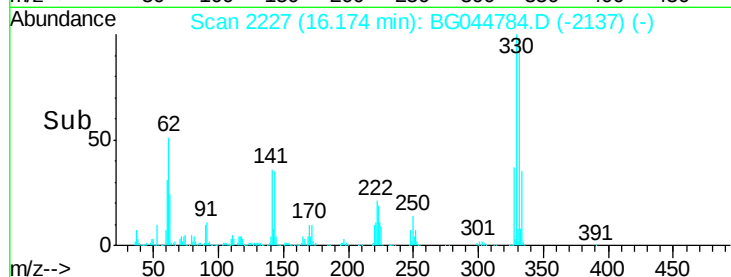
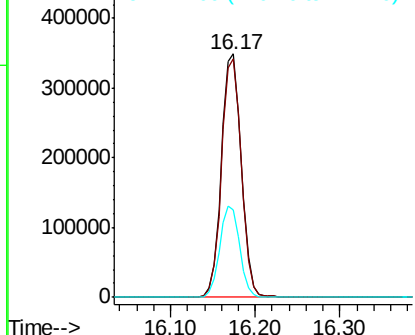
#42
 2,4,6-Tribromophenol
 Concen: 124.038 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.00 min
 Lab File: BG044784.D
 Acq: 14 Mar 2020 4:52

Instrument :
 BNA_G
 ClientSampleId :
 PB127427BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.5	116.3
141	38.0	31.7	47.5

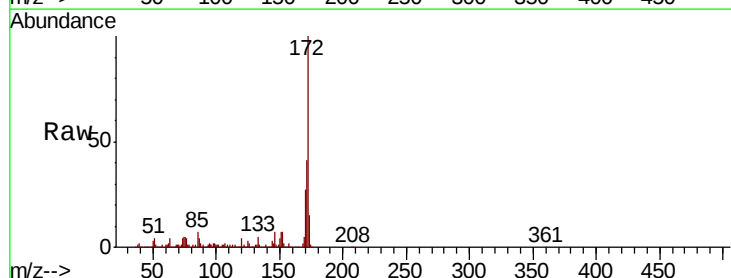


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

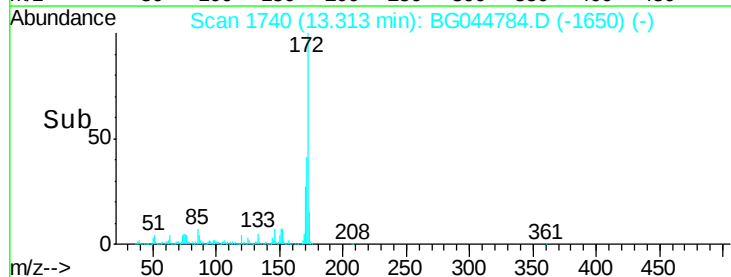
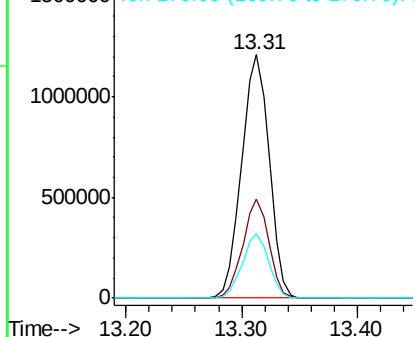


#45
 2-Fluorobiphenyl
 Concen: 81.787 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG044784.D
 Acq: 14 Mar 2020 4:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.5	30.8	46.2
170	26.7	20.0	30.0



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: 3.129 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG044784.D

Acq: 14 Mar 2020 4:52

Instrument :

BNA_G

ClientSampleId :

PB127427BL

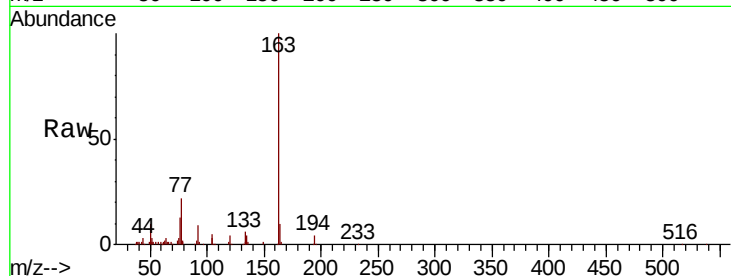
Tot Ion:163 Resp: 87658

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

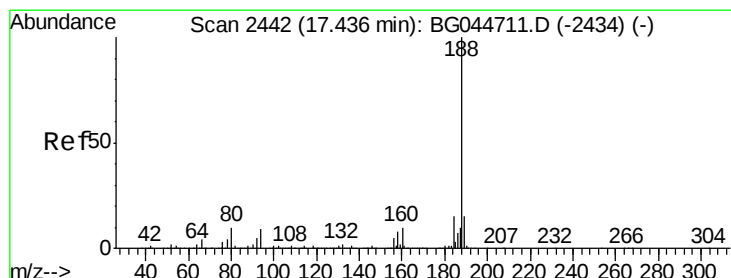
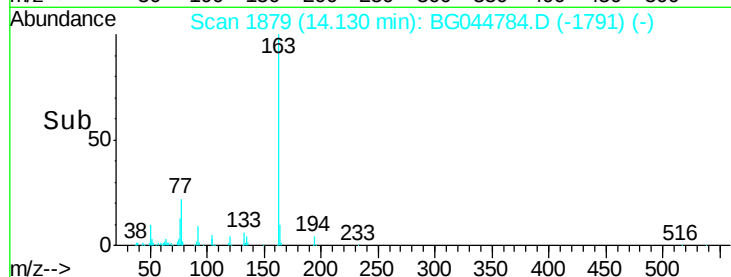
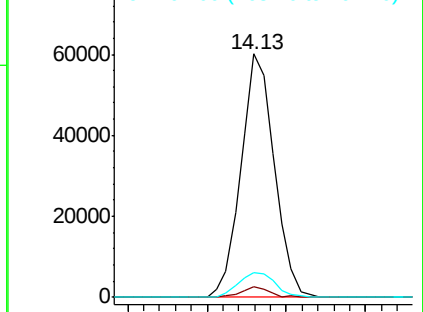
164 10.0 9.2 13.8



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: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG044784.D

Acq: 14 Mar 2020 4:52

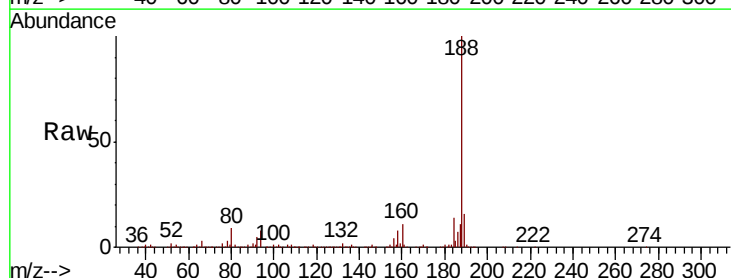
Tgt Ion:188 Resp: 718710

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

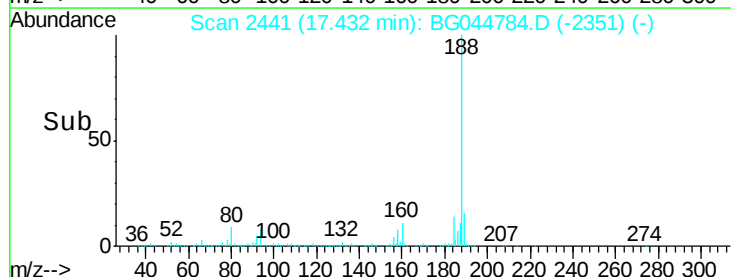
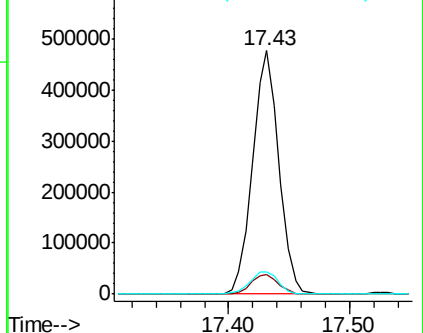
80 9.2 8.4 12.6

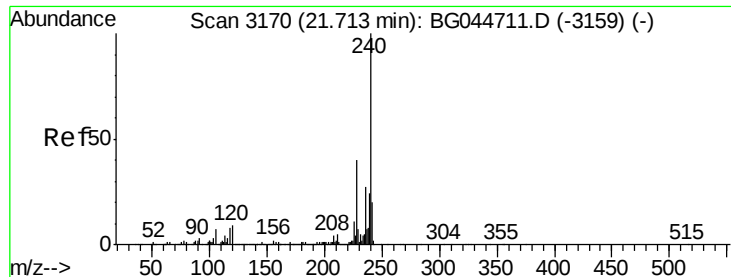


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG044784.D

Acq: 14 Mar 2020 4:52

Instrument :

BNA_G

ClientSampleId :

PB127427BL

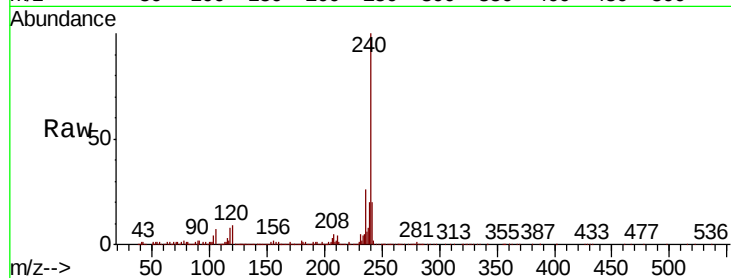
Tot Ion:240 Resp: 592845

Ion Ratio Lower Upper

240 100

120 9.0 6.9 10.3

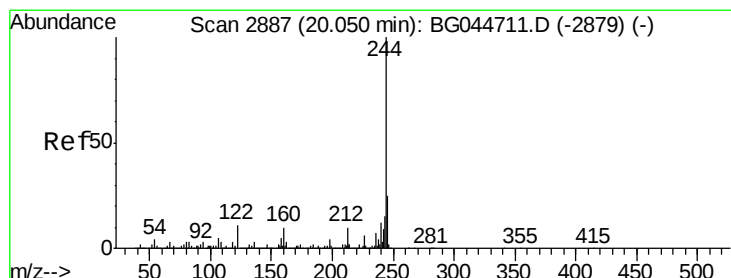
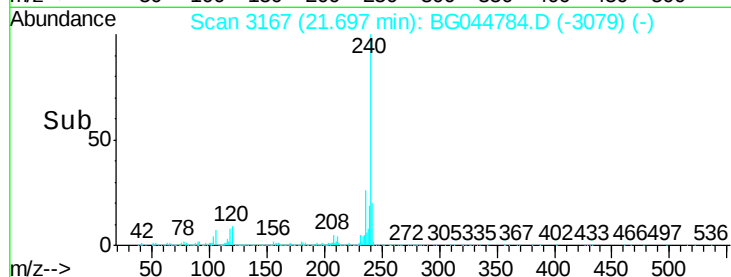
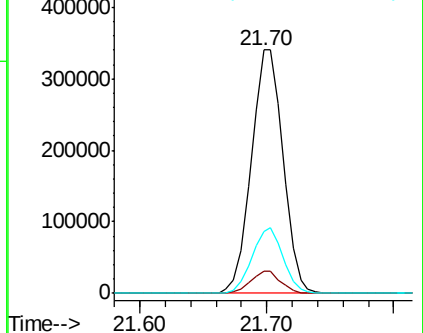
236 25.6 21.9 32.9



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: 82.324 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG044784.D

Acq: 14 Mar 2020 4:52

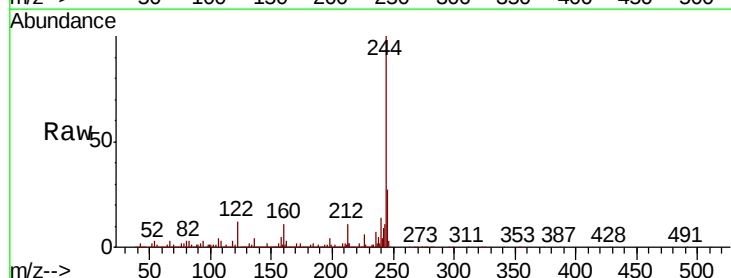
Tgt Ion:244 Resp: 2609157

Ion Ratio Lower Upper

244 100

212 11.2 8.4 12.6

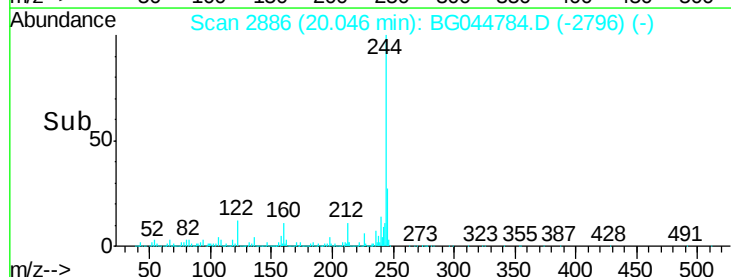
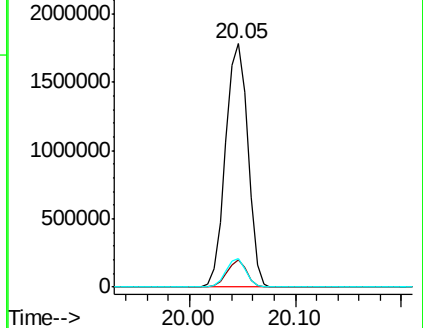
122 11.5 8.7 13.1

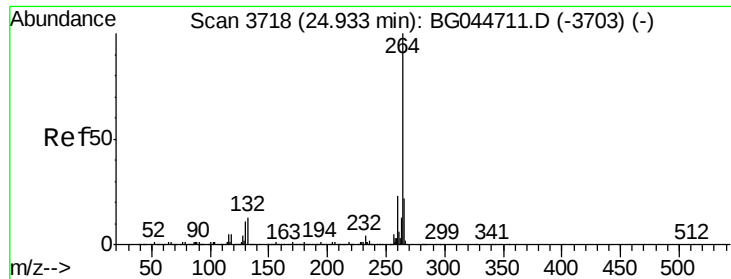


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.01 min
Lab File: BG044784.D
Acq: 14 Mar 2020 4:52

Instrument :
BNA_G
ClientSampleId :
PB127427BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	21.3	17.4	26.2

