

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
 Data File : BG042979.D
 Acq On : 1 Oct 2019 22:50
 Operator : JU
 Sample : K4946-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GP-5 (1-3)

Quant Time: Oct 02 01:58:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

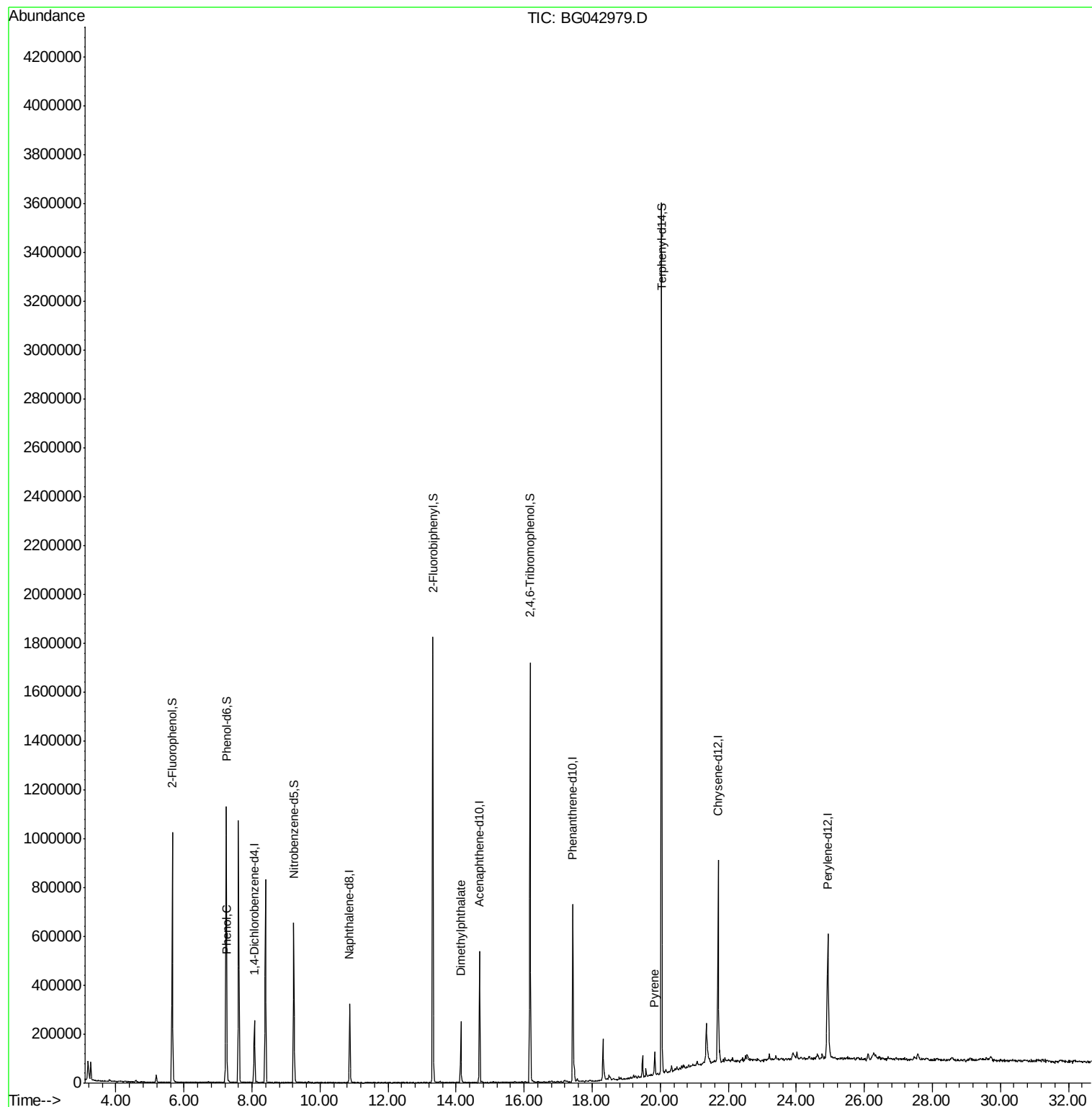
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	75183	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	279571	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	199475	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	466015	20.00	ng	0.00
76) Chrysene-d12	21.70	240	496669	20.00	ng	-0.01
87) Perylene-d12	24.92	264	593763	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	422376	100.26	ng	0.00
7) Phenol-d6	7.24	99	632388	104.24	ng	0.00
23) Nitrobenzene-d5	9.23	82	405539	70.51	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	365236	106.48	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	995120	72.32	ng	0.00
79) Terphenyl-d14	20.04	244	1702366	73.04	ng	0.00
Target Compounds						
10) Phenol	7.26	94	23028	4.137	ng	89
50) Dimethylphthalate	14.14	163	169700	11.354	ng	98
78) Pyrene	19.84	202	60128	2.028	ng	95

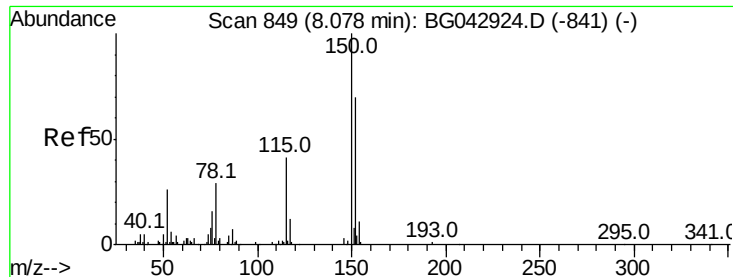
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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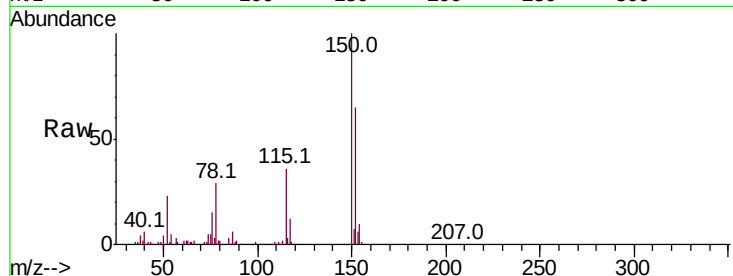


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042979.D
Acq: 1 Oct 2019 22:50

Instrument :
BNA_G
ClientSampleId :
GP-5 (1-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	115.0	172.4
115	55.6	47.0	70.6

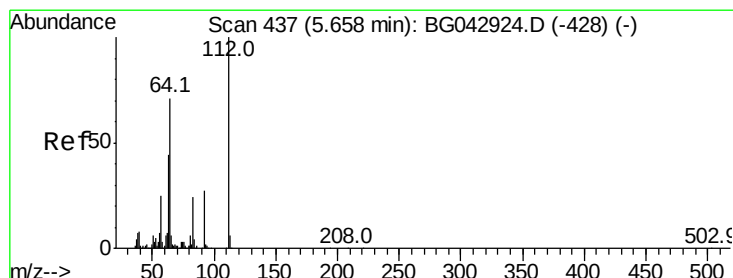
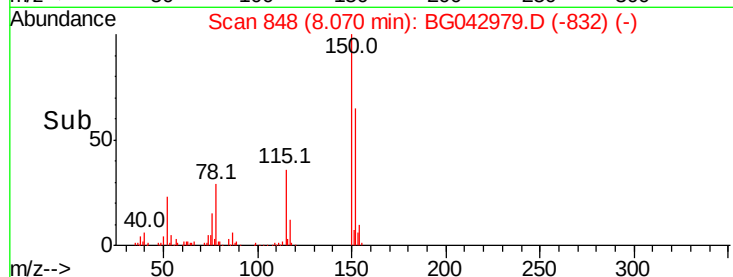
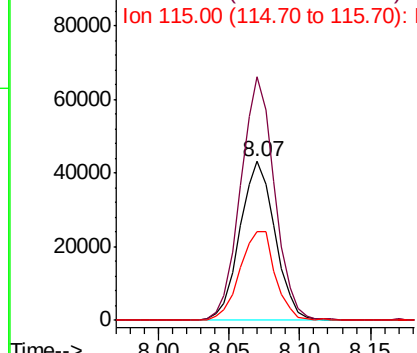


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

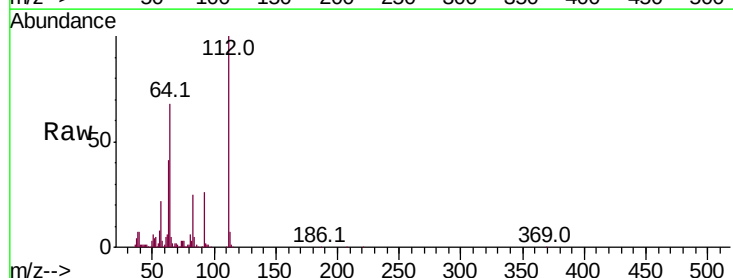
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.260 ng
RT: 5.65 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042979.D
Acq: 1 Oct 2019 22:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	56.6	84.8
63	41.2	35.1	52.7

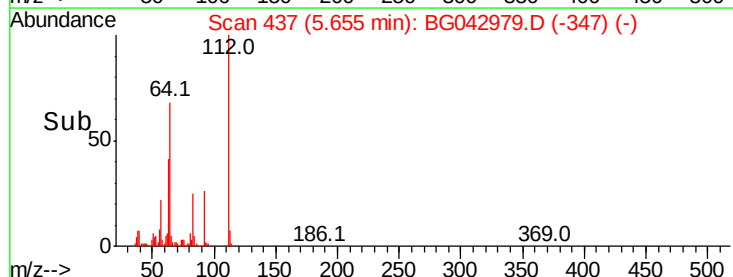
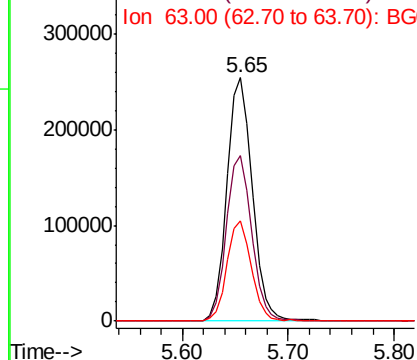


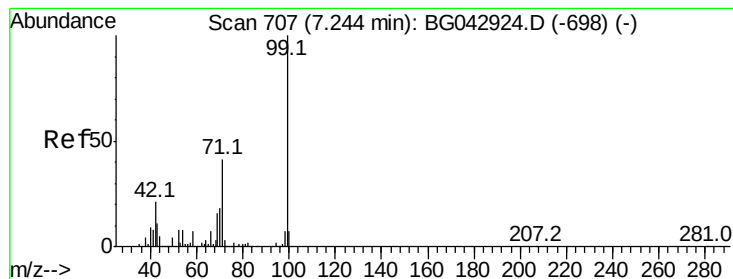
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 104.239 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042979.D

Acq: 1 Oct 2019 22:50

Instrument :

BNA_G

ClientSampleId :

GP-5 (1-3)

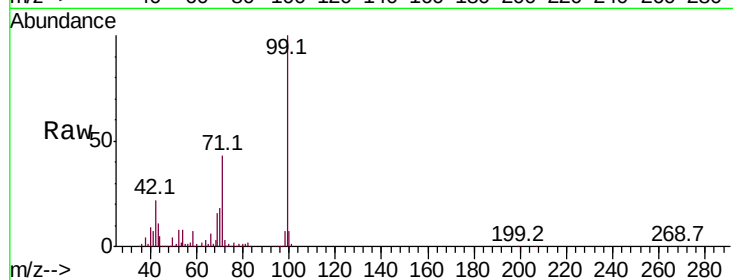
Tot Ion: 99 Resp: 632388

Ion Ratio Lower Upper

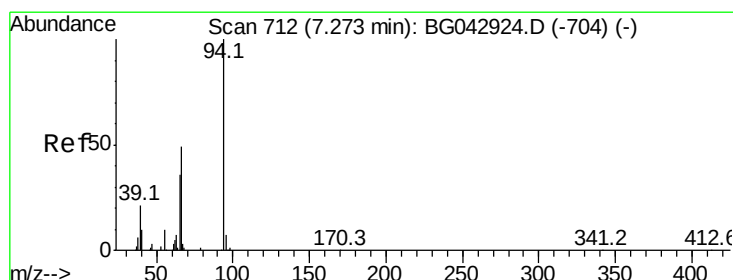
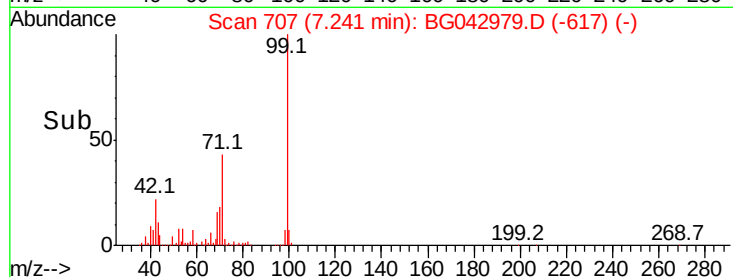
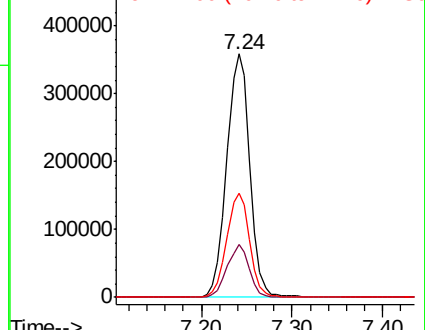
99 100

42 21.8 17.2 25.8

71 43.0 33.1 49.7



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



#10

Phenol

Concen: 4.137 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG042979.D

Acq: 1 Oct 2019 22:50

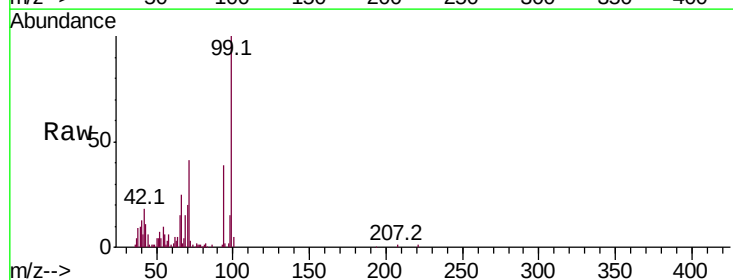
Tgt Ion: 94 Resp: 23028

Ion Ratio Lower Upper

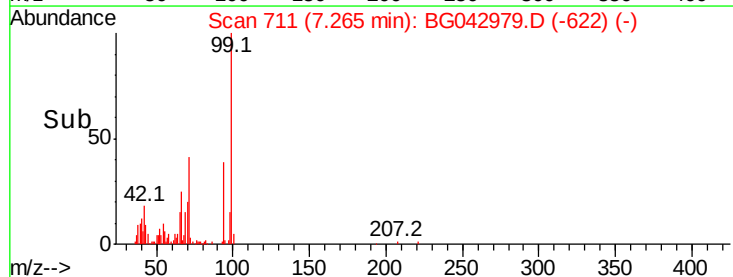
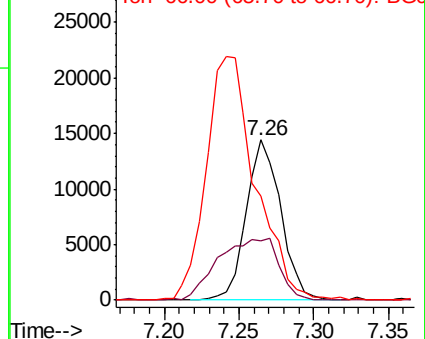
94 100

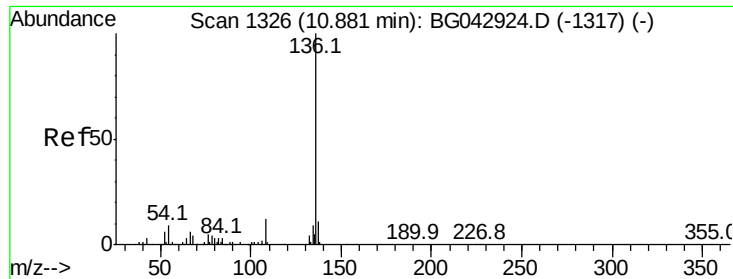
65 37.0 16.6 56.6

66 64.7 32.4 72.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

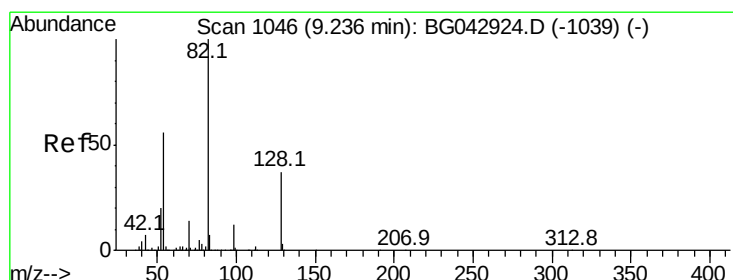
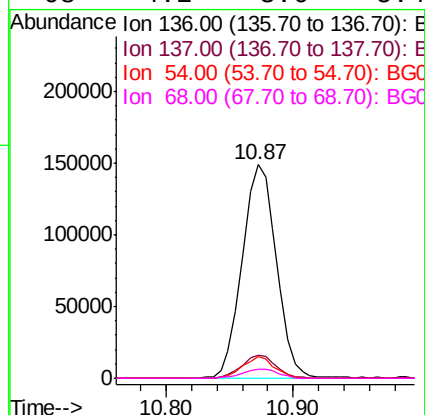
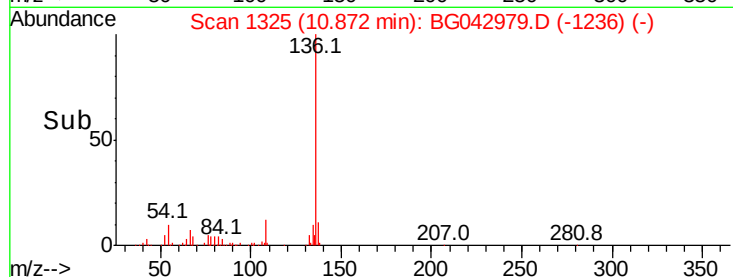
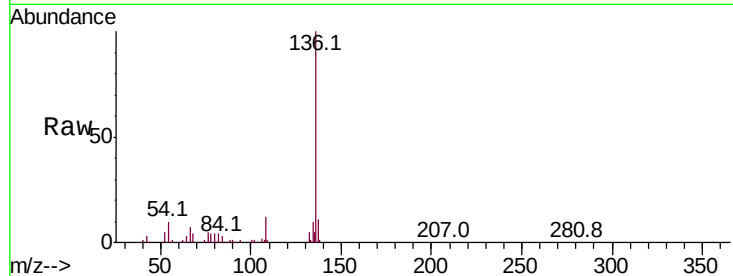




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042979.D
Acq: 1 Oct 2019 22:50

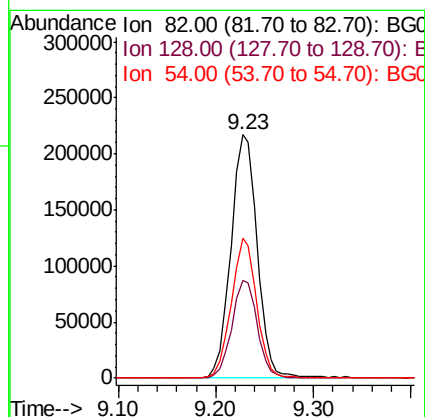
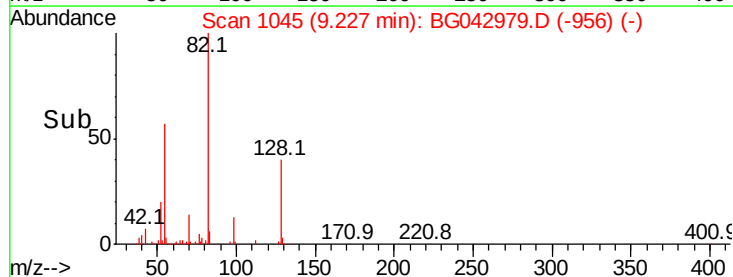
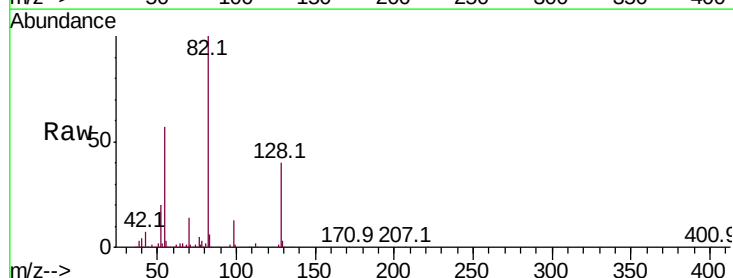
Instrument :
BNA_G
ClientSampleId :
GP-5 (1-3)

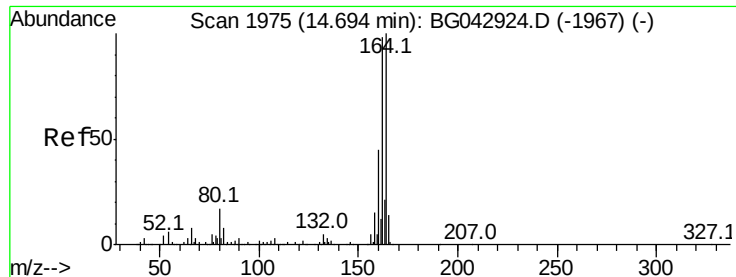
Tot Ion:136	Resp:	279571
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.5	12.7
54 9.9	7.4	11.2
68 4.2	3.6	5.4



#23
Nitrobenzene-d5
Concen: 70.505 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042979.D
Acq: 1 Oct 2019 22:50

Tgt	Ion: 82	Resp:	405539
Ion	Ratio	Lower	Upper
82	100		
128	40.3	29.5	44.3
54	57.4	44.6	67.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG042979.D

Acq: 1 Oct 2019 22:50

Instrument :

BNA_G

ClientSampleId :

GP-5 (1-3)

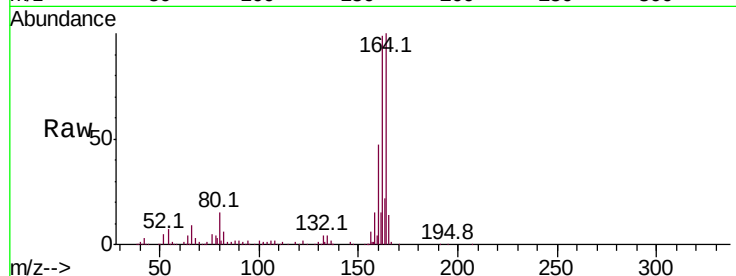
Tot Ion:164 Resp: 199475

Ion Ratio Lower Upper

164 100

162 99.4 78.5 117.7

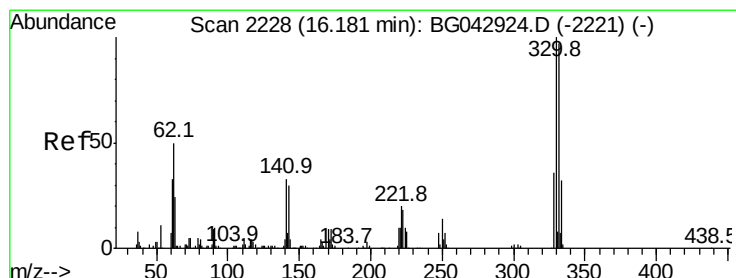
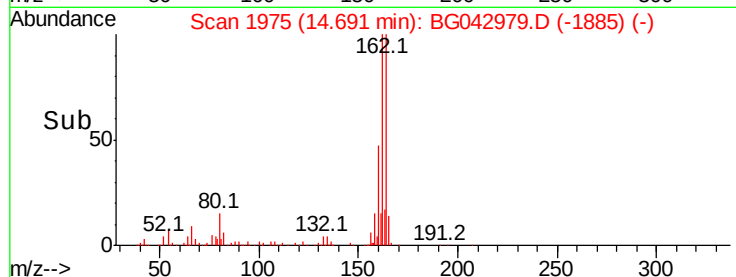
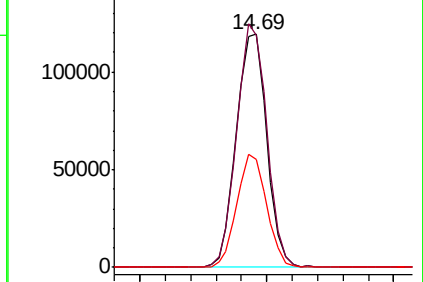
160 46.5 35.9 53.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 106.480 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG042979.D

Acq: 1 Oct 2019 22:50

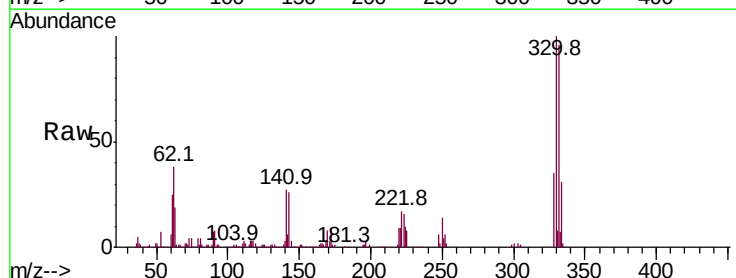
Tgt Ion:330 Resp: 365236

Ion Ratio Lower Upper

330 100

332 95.0 78.2 117.2

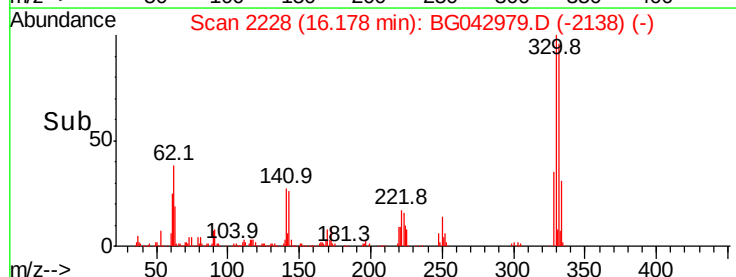
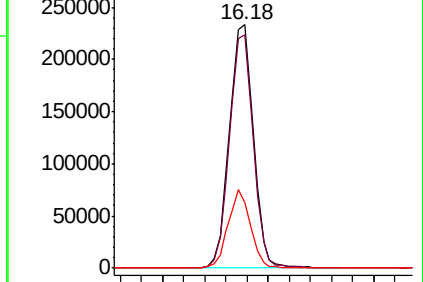
141 30.0 26.0 39.0

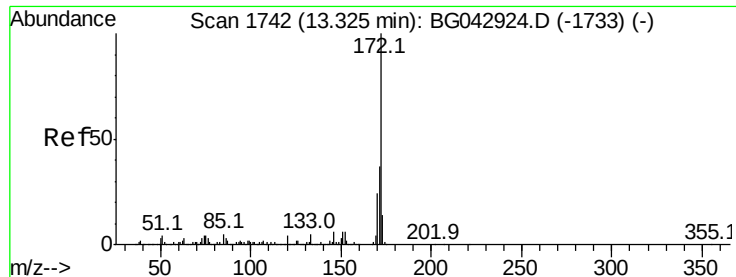


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

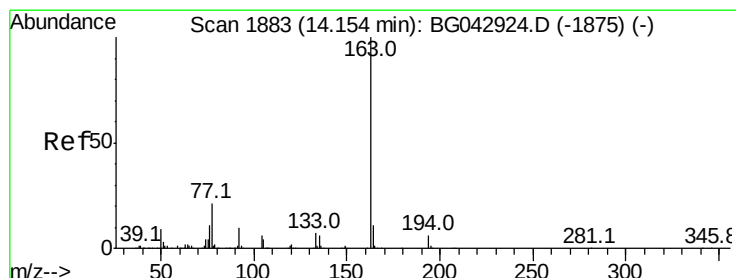
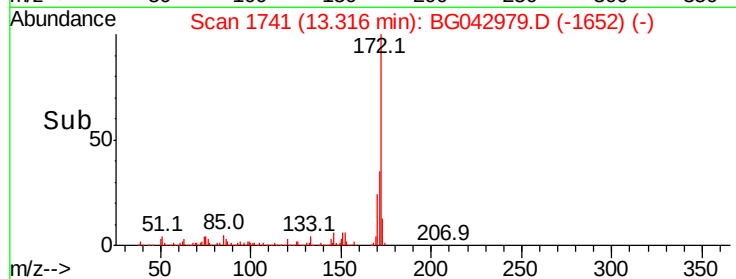
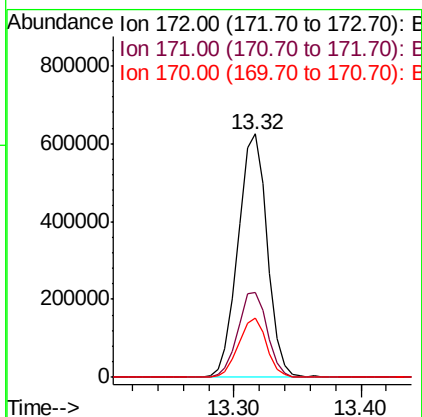
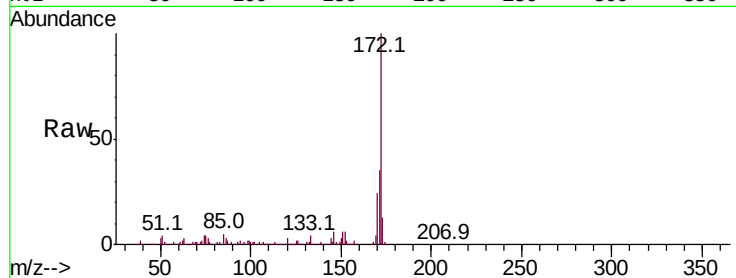




#45
2-Fluorobiphenyl
Concen: 72.321 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042979.D
Acq: 1 Oct 2019 22:50

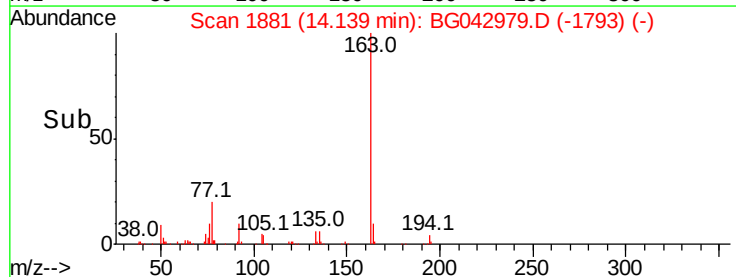
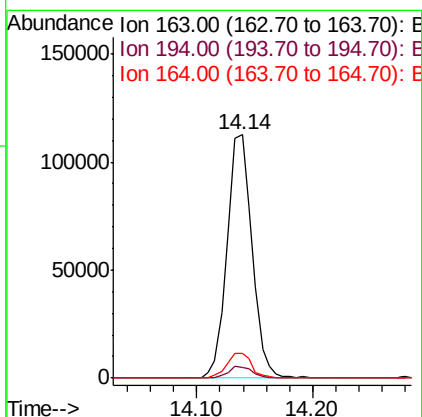
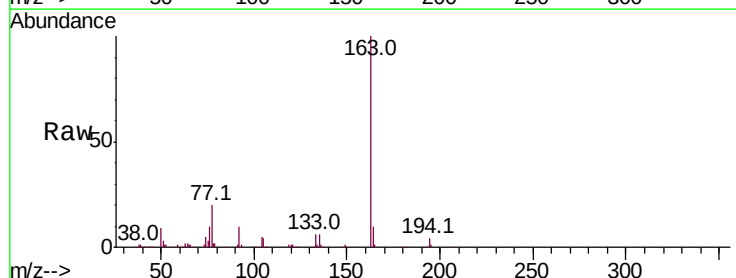
Instrument :
BNA_G
ClientSampleId :
GP-5 (1-3)

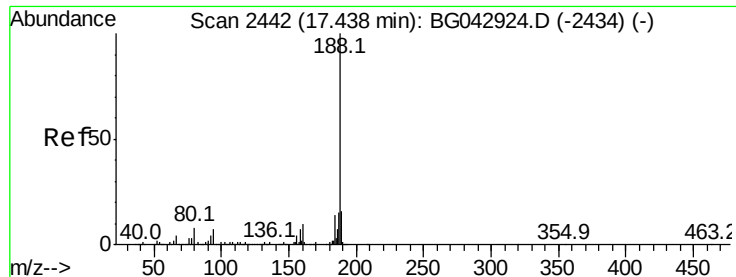
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	24.4	19.6	29.4



#50
Dimethylphthalate
Concen: 11.354 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG042979.D
Acq: 1 Oct 2019 22:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	4.4	6.6
164	10.2	8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG042979.D

Acq: 1 Oct 2019 22:50

Instrument :

BNA_G

ClientSampleId :

GP-5 (1-3)

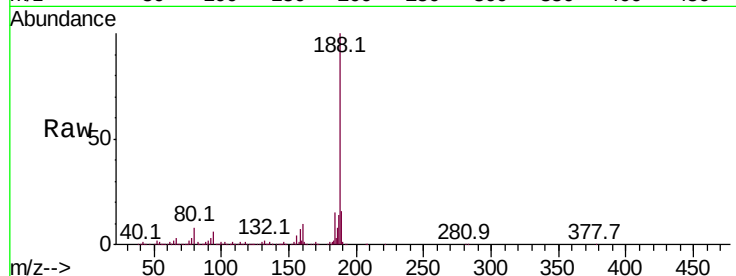
Tot Ion:188 Resp: 466015

Ion Ratio Lower Upper

188 100

94 6.1 5.7 8.5

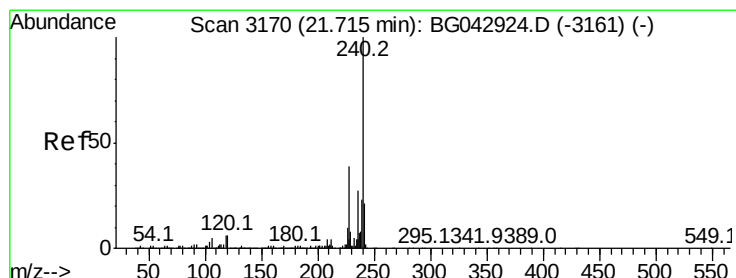
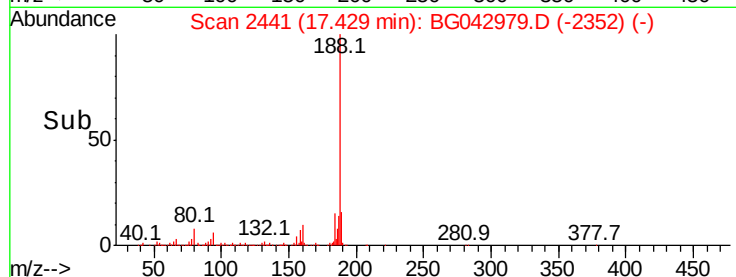
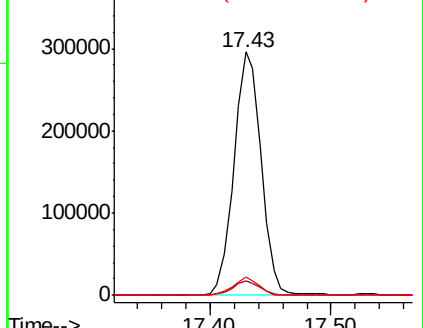
80 7.5 6.5 9.7



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: BG042979.D

Acq: 1 Oct 2019 22:50

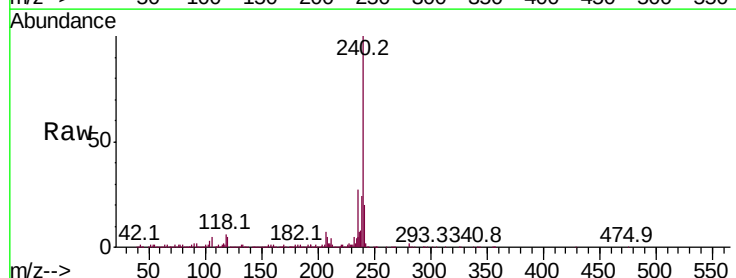
Tgt Ion:240 Resp: 496669

Ion Ratio Lower Upper

240 100

120 5.2 4.8 7.2

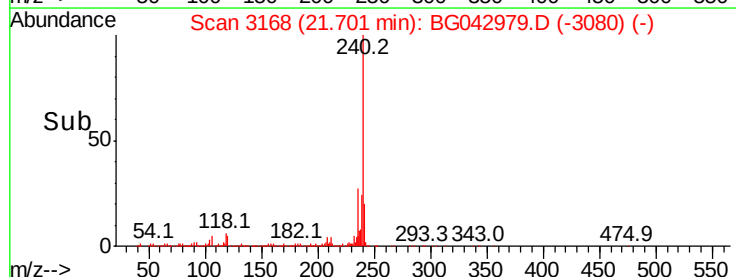
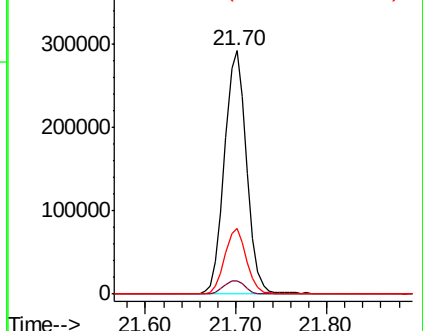
236 27.0 21.4 32.0

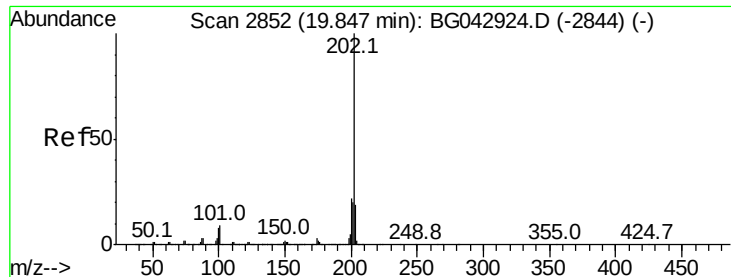


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.028 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG042979.D

Acq: 1 Oct 2019 22:50

Instrument :

BNA_G

ClientSampleId :

GP-5 (1-3)

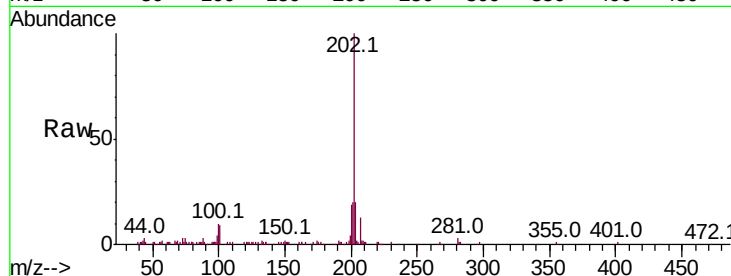
Tot Ion:202 Resp: 60128

Ion Ratio Lower Upper

202 100

200 18.7 17.6 26.4

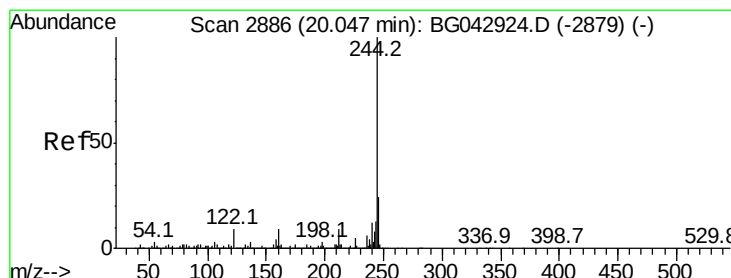
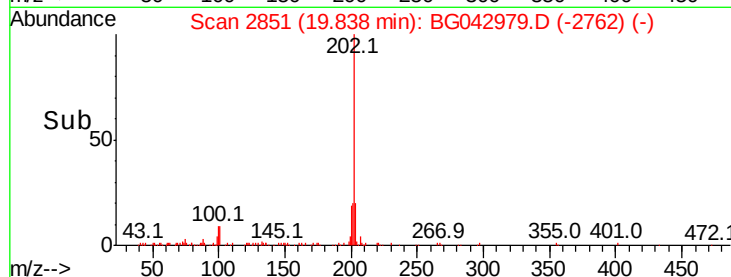
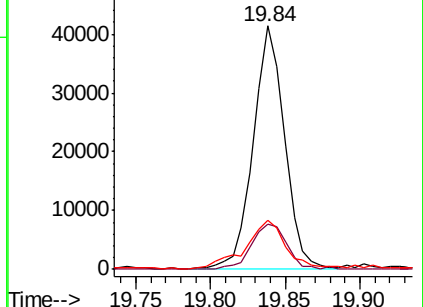
203 20.0 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 73.037 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042979.D

Acq: 1 Oct 2019 22:50

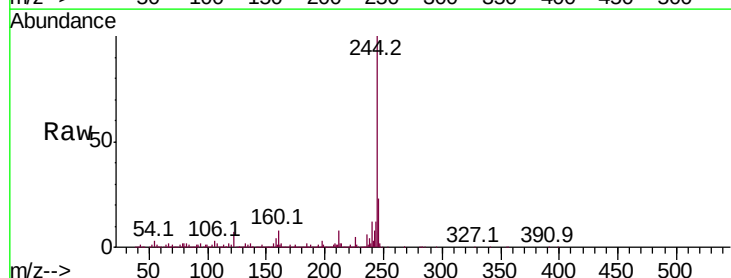
Tgt Ion:244 Resp: 1702366

Ion Ratio Lower Upper

244 100

212 8.1 7.4 11.0

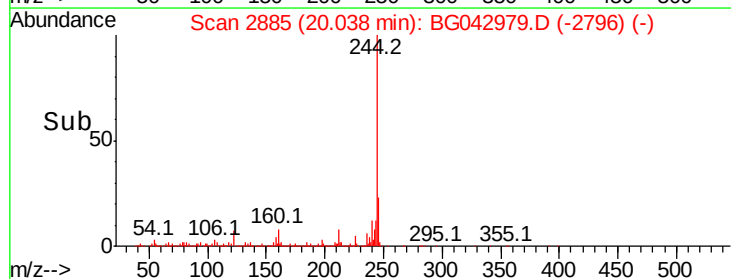
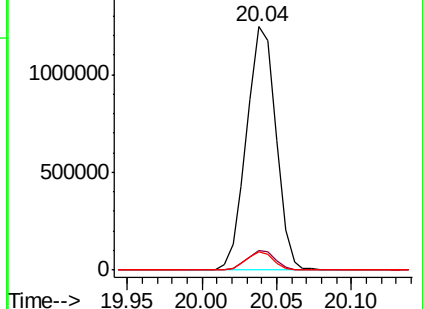
122 7.3 7.0 10.4

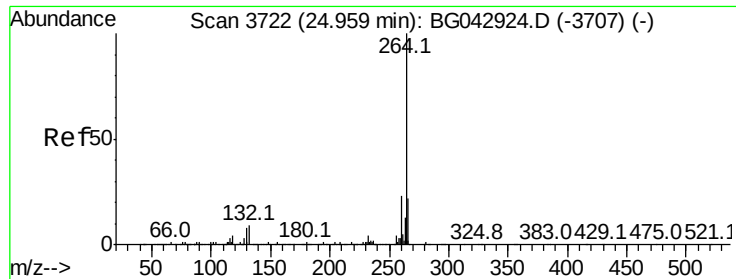


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.04 min
Lab File: BG042979.D
Acq: 1 Oct 2019 22:50

Instrument :
BNA_G
ClientSampleId :
GP-5 (1-3)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.0	17.7	26.5

