

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
 Data File : BG042978.D
 Acq On : 1 Oct 2019 22:12
 Operator : JU
 Sample : K4946-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GP-3_(10-12)

Quant Time: Oct 02 01:55:52 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

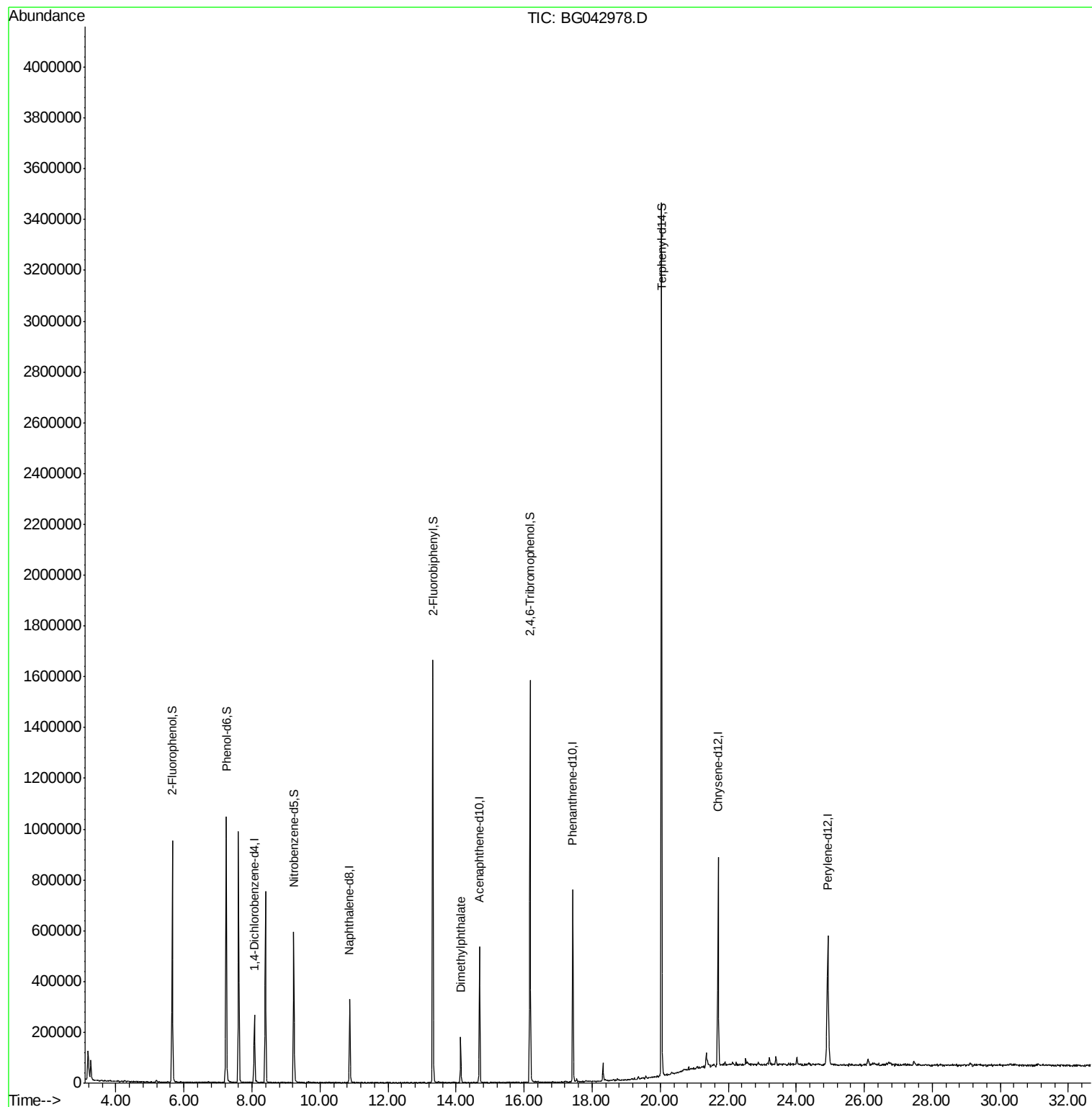
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	74537	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	276662	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	199882	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	477512	20.00	ng	0.00
76) Chrysene-d12	21.70	240	511130	20.00	ng	-0.01
87) Perylene-d12	24.93	264	578678	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	400193	95.82	ng	0.00
7) Phenol-d6	7.24	99	586548	97.52	ng	0.00
23) Nitrobenzene-d5	9.23	82	369782	64.96	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	323244	94.05	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	904036	65.57	ng	0.00
79) Terphenyl-d14	20.04	244	1632079	68.04	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.14	163	120384	8.038	ng	Qvalue # 96

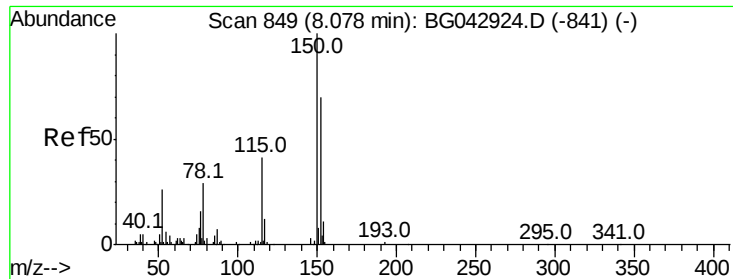
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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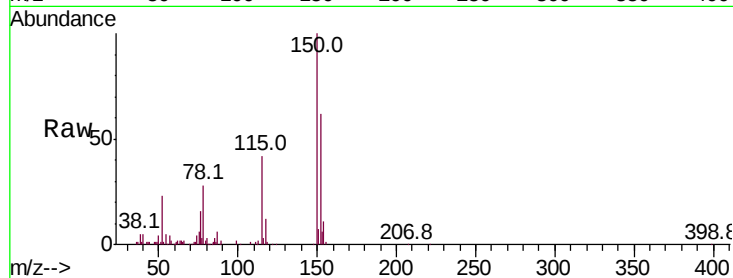


#1

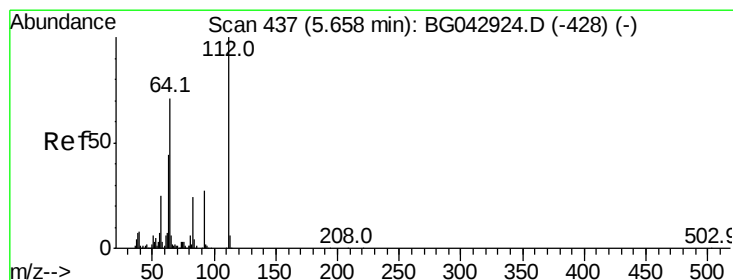
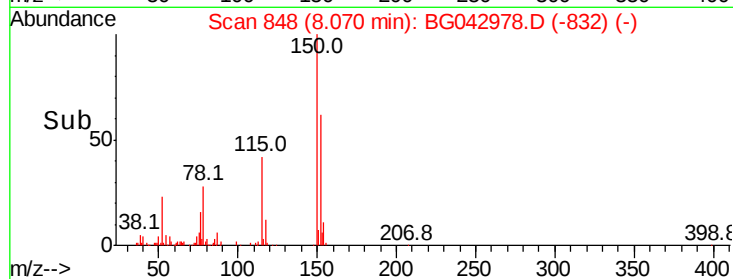
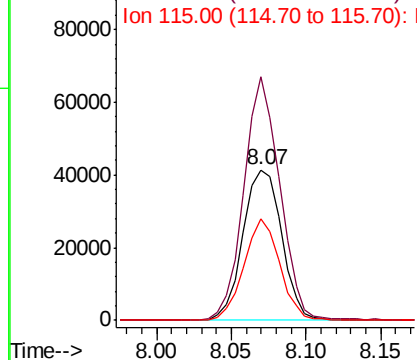
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042978.D
Acq: 1 Oct 2019 22:12

Instrument :
BNA_G
ClientSampleId :
GP-3 (10-12)

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.7	115.0	172.4
115	67.5	47.0	70.6



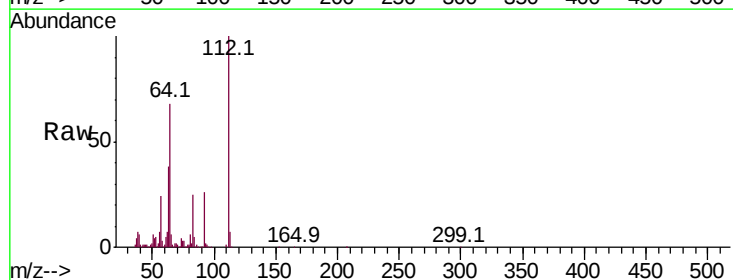
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



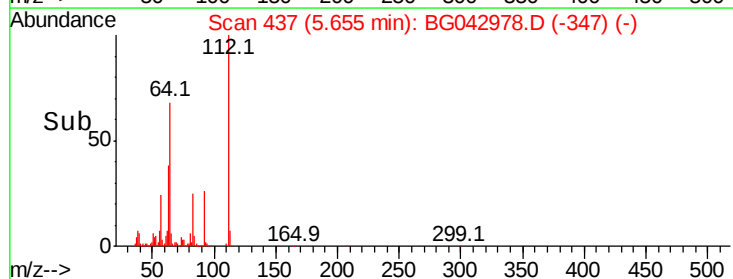
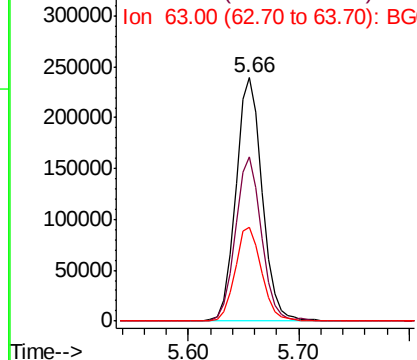
#5

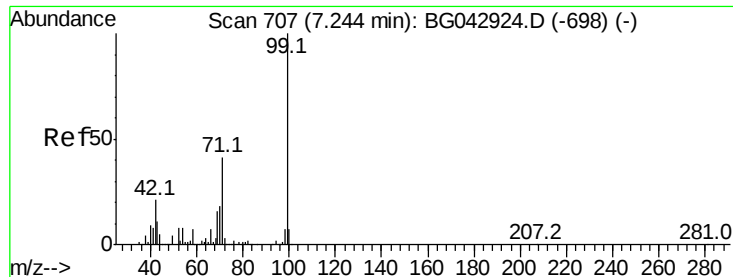
2-Fluorophenol
Concen: 95.817 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042978.D
Acq: 1 Oct 2019 22:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	56.6	84.8
63	38.4	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: 97.521 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042978.D

Acq: 1 Oct 2019 22:12

Instrument :

BNA_G

ClientSampleId :

GP-3 (10-12)

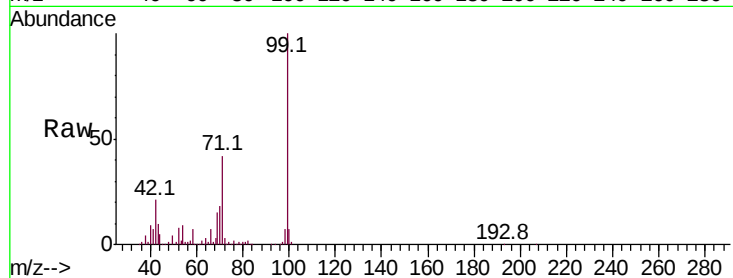
Tot Ion: 99 Resp: 586548

Ion Ratio Lower Upper

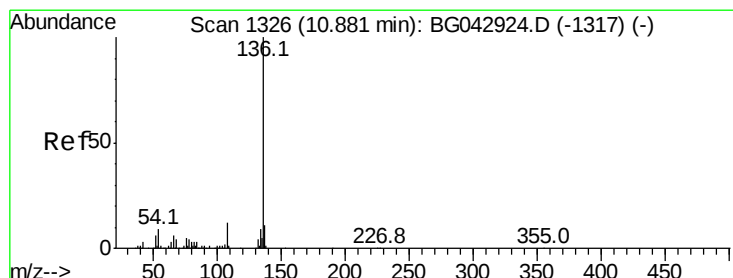
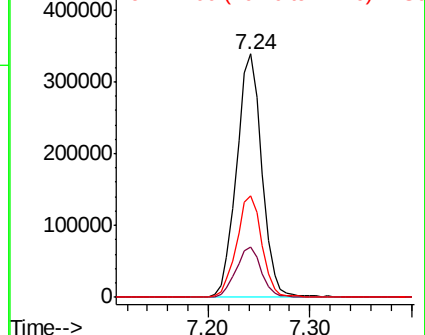
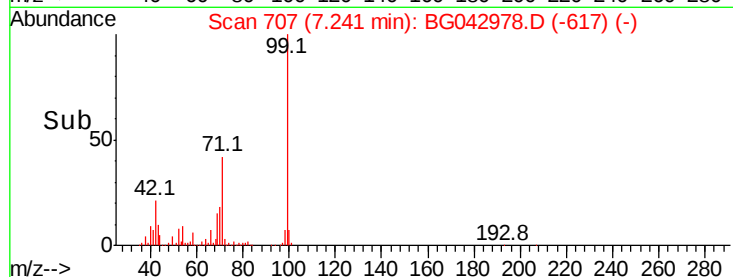
99 100

42 20.7 17.2 25.8

71 41.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG042978.D

Acq: 1 Oct 2019 22:12

Tgt Ion: 136 Resp: 276662

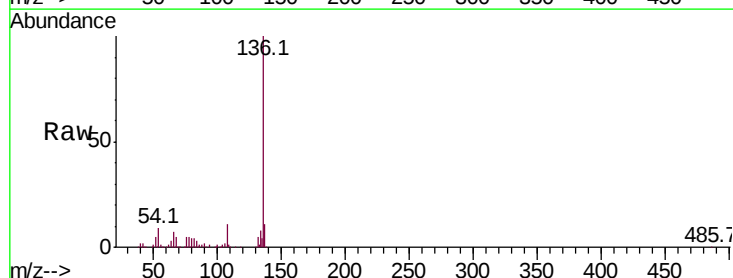
Ion Ratio Lower Upper

136 100

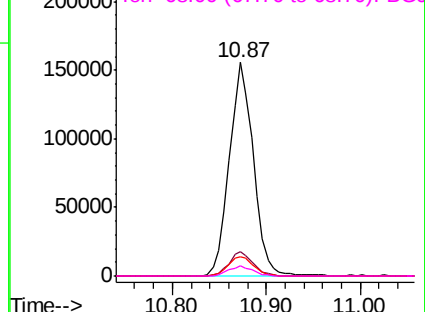
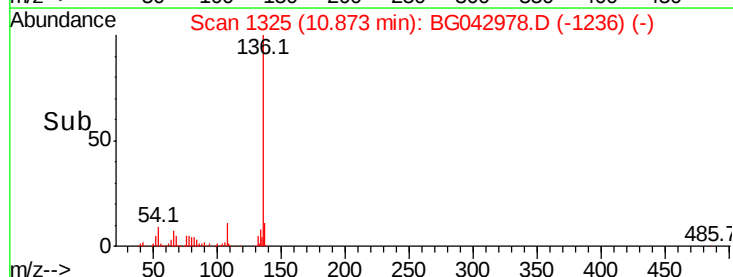
137 11.3 8.5 12.7

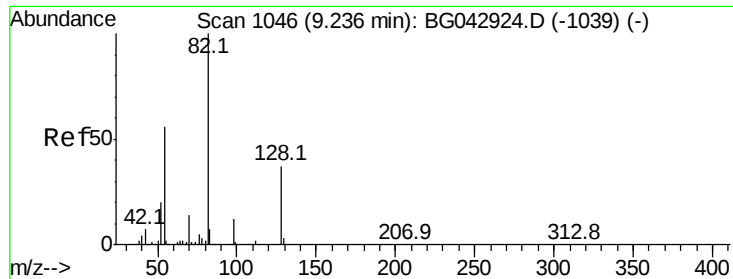
54 9.2 7.4 11.2

68 4.7 3.6 5.4



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: 64.965 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BG042978.D

Acq: 1 Oct 2019 22:12

Instrument :

BNA_G

ClientSampleId :

GP-3 (10-12)

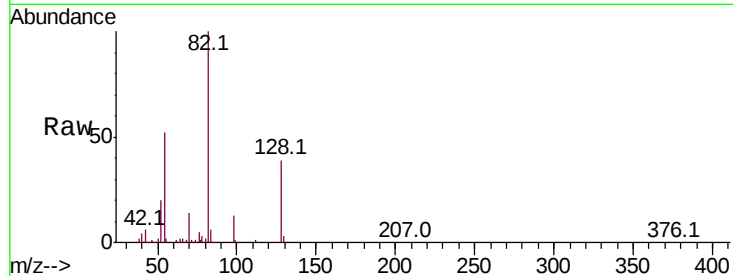
Tot Ion: 82 Resp: 369782

Ion Ratio Lower Upper

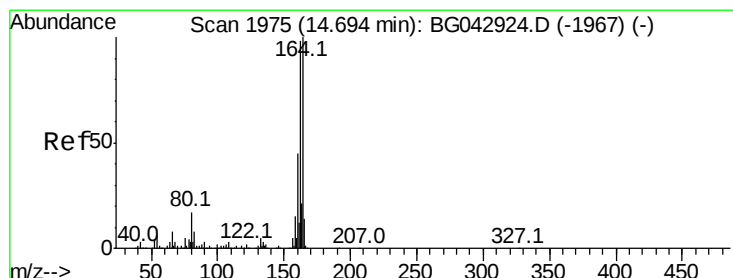
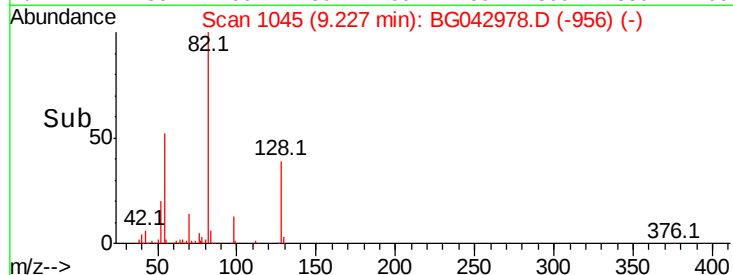
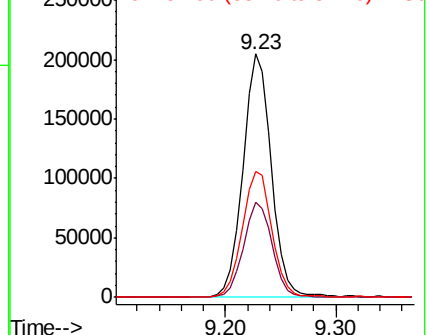
82 100

128 38.9 29.5 44.3

54 51.6 44.6 67.0



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: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG042978.D

Acq: 1 Oct 2019 22:12

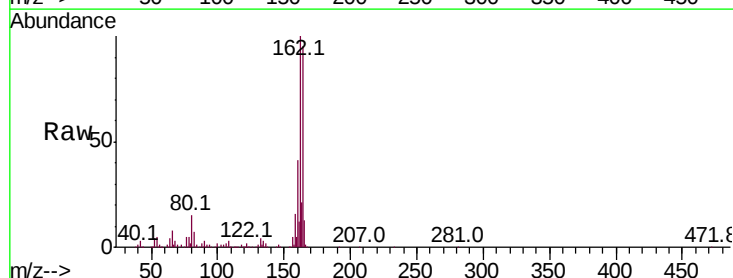
Tgt Ion:164 Resp: 199882

Ion Ratio Lower Upper

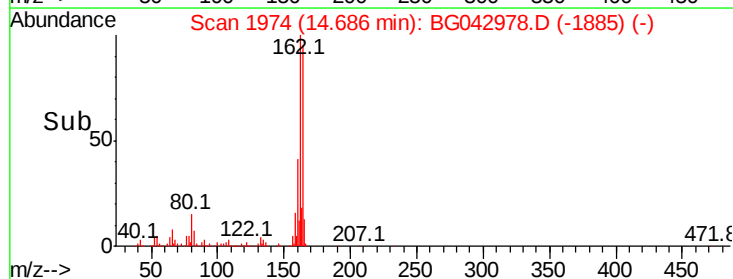
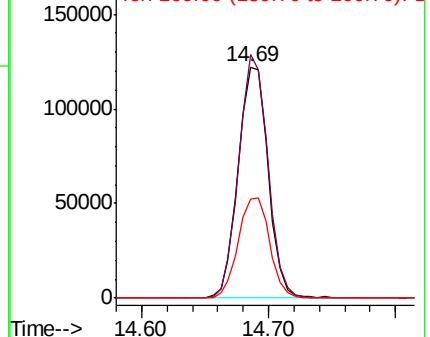
164 100

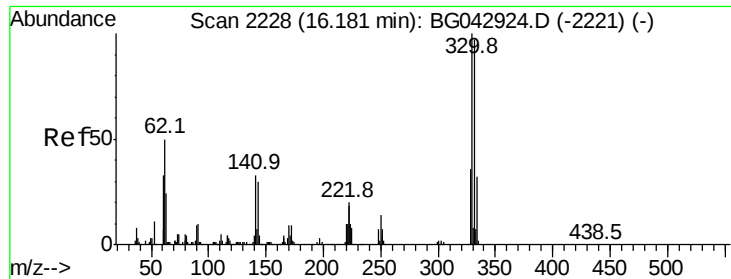
162 105.3 78.5 117.7

160 43.0 35.9 53.9



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

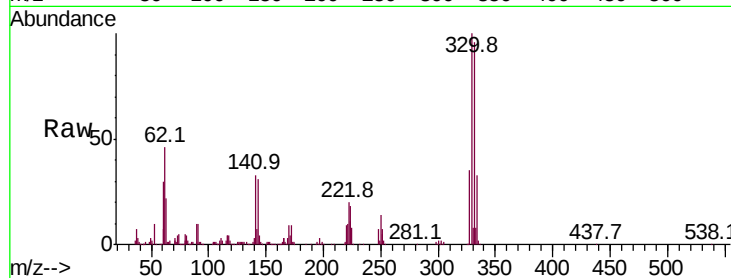




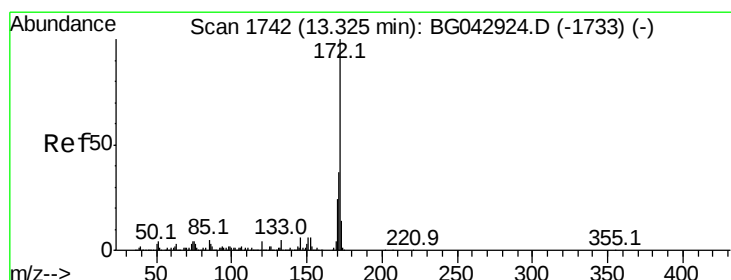
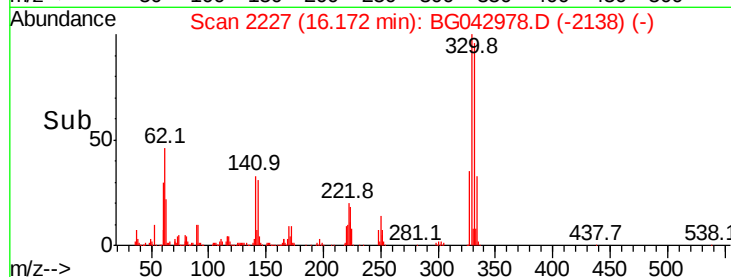
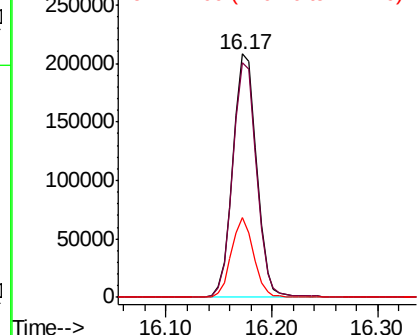
#42
 2,4,6-Tribromophenol
 Concen: 94.046 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG042978.D
 Acq: 1 Oct 2019 22:12

Instrument :
 BNA_G
 ClientSampled :
 GP-3 (10-12)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.2	117.2
141	30.8	26.0	39.0

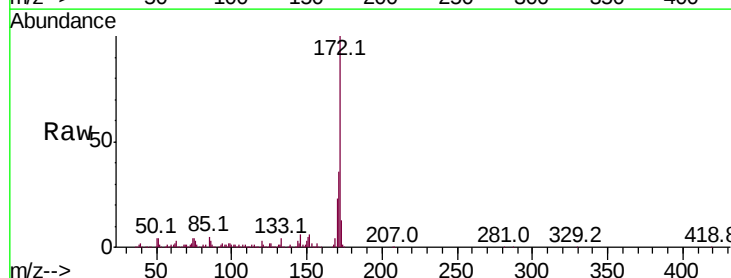


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

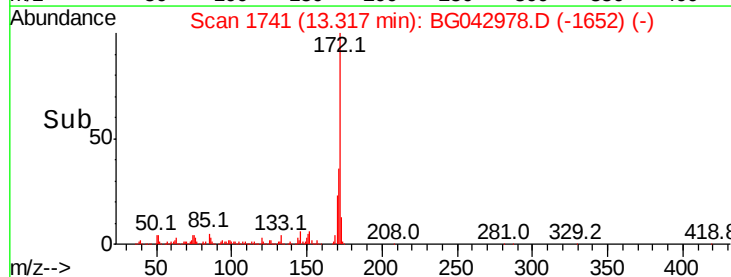
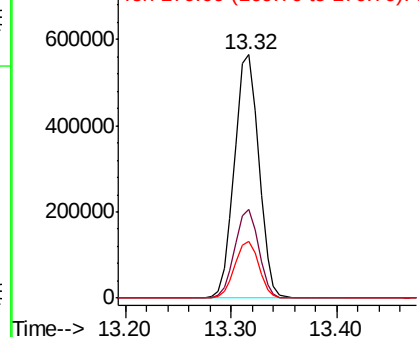


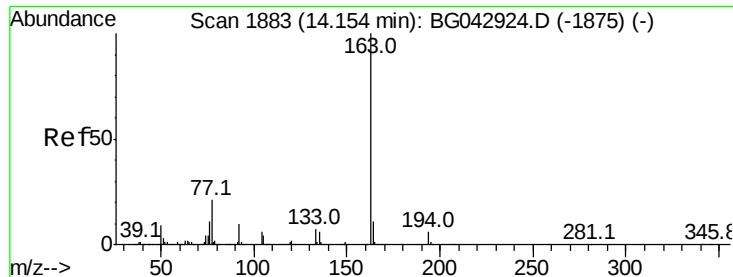
#45
 2-Fluorobiphenyl
 Concen: 65.568 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG042978.D
 Acq: 1 Oct 2019 22:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.2	19.6	29.4



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: 8.038 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG042978.D

Acq: 1 Oct 2019 22:12

Instrument :

BNA_G

ClientSampleId :

GP-3 (10-12)

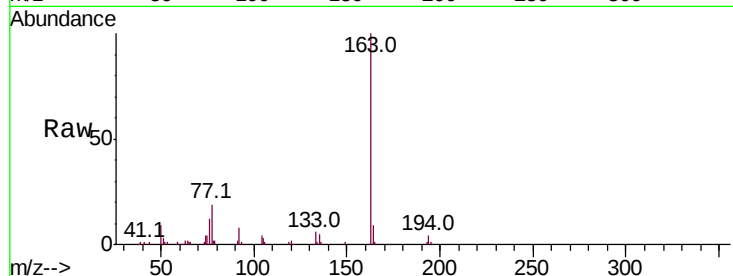
Tot Ion:163 Resp: 120384

Ion Ratio Lower Upper

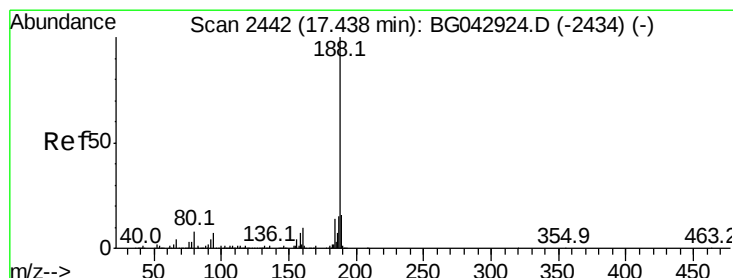
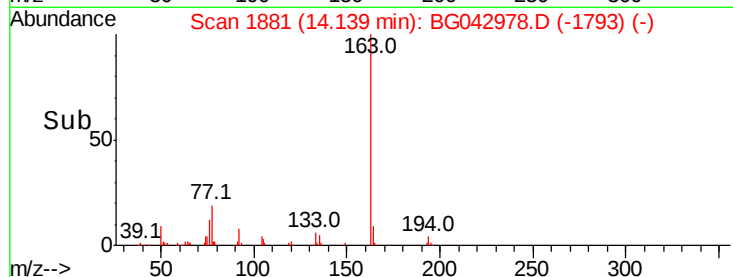
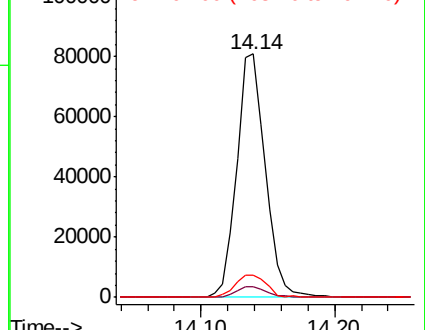
163 100

194 4.2 4.4 6.6#

164 9.0 8.6 12.8



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. -0.01 min

Lab File: BG042978.D

Acq: 1 Oct 2019 22:12

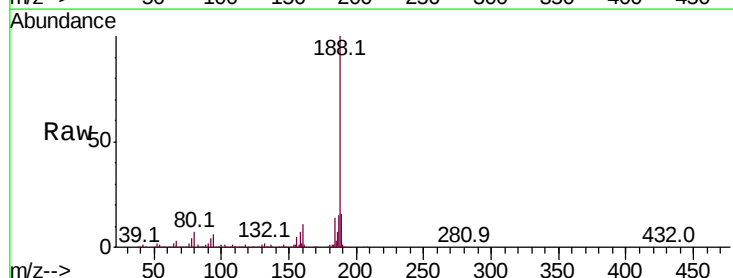
Tgt Ion:188 Resp: 477512

Ion Ratio Lower Upper

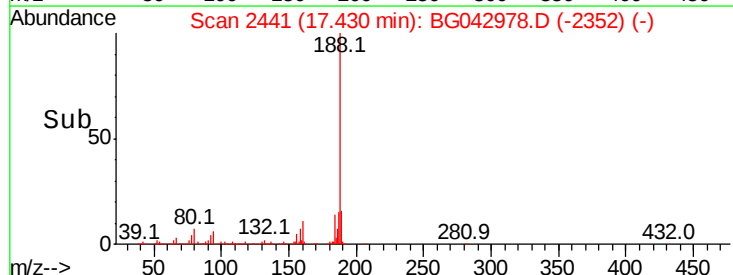
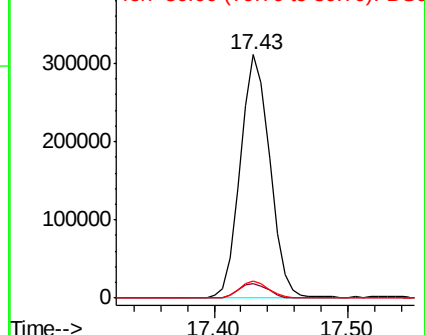
188 100

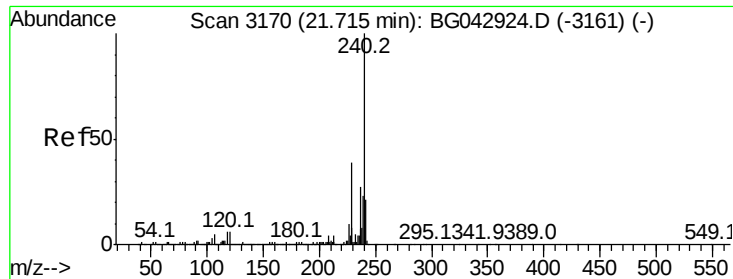
94 5.9 5.7 8.5

80 6.9 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

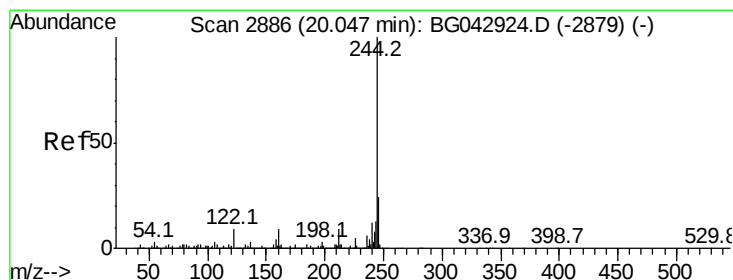
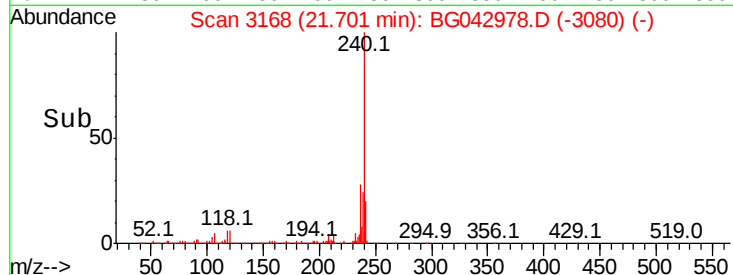
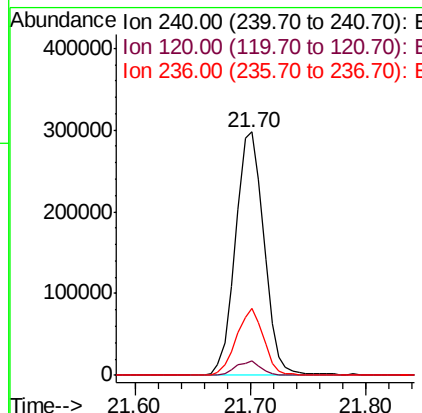
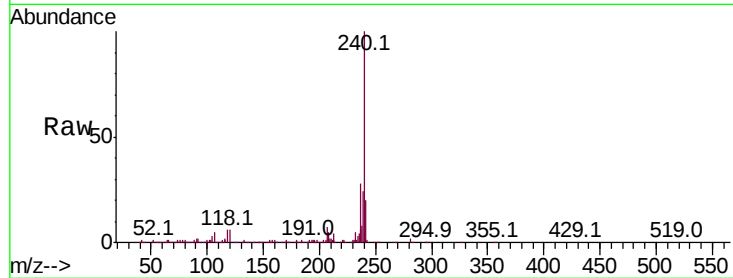




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.01 min
 Lab File: BG042978.D
 Acq: 1 Oct 2019 22:12

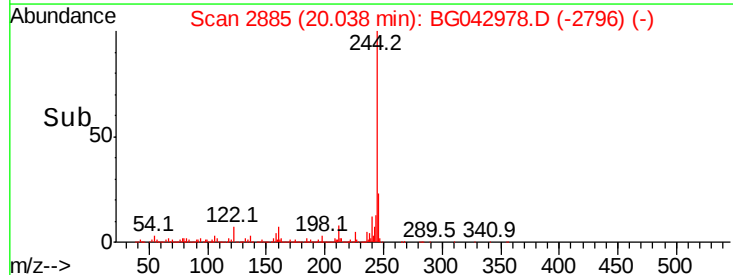
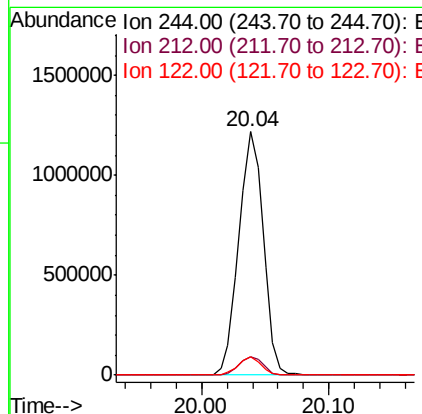
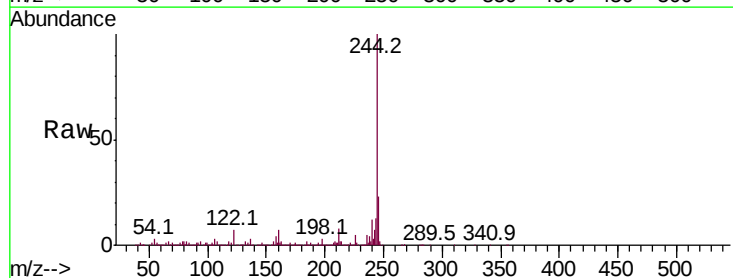
Instrument :
 BNA_G
 ClientSampleId :
 GP-3 (10-12)

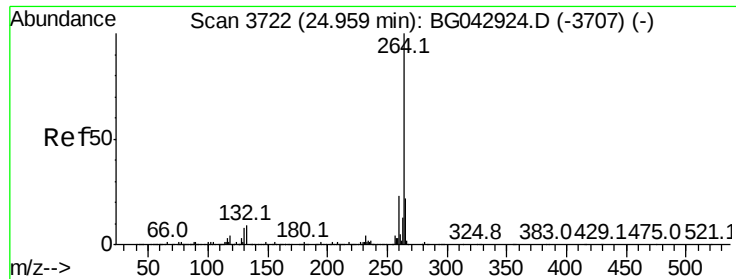
Tot Ion:240 Resp: 511130
 Ion Ratio Lower Upper
 240 100
 120 6.0 4.8 7.2
 236 27.7 21.4 32.0



#79
 Terphenyl-d14
 Concen: 68.041 ng
 RT: 20.04 min Scan# 2885
 Delta R.T. -0.01 min
 Lab File: BG042978.D
 Acq: 1 Oct 2019 22:12

Tgt Ion:244 Resp: 1632079
 Ion Ratio Lower Upper
 244 100
 212 7.8 7.4 11.0
 122 7.4 7.0 10.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.03 min
Lab File: BG042978.D
Acq: 1 Oct 2019 22:12

Instrument :
BNA_G
ClientSampleId :
GP-3 (10-12)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	22.6	17.7	26.5

