

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042653.D
 Acq On : 1 Sep 2019 4:42
 Operator : HP/JU
 Sample : K4547-24
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T3-S-D

Quant Time: Sep 01 05:49:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

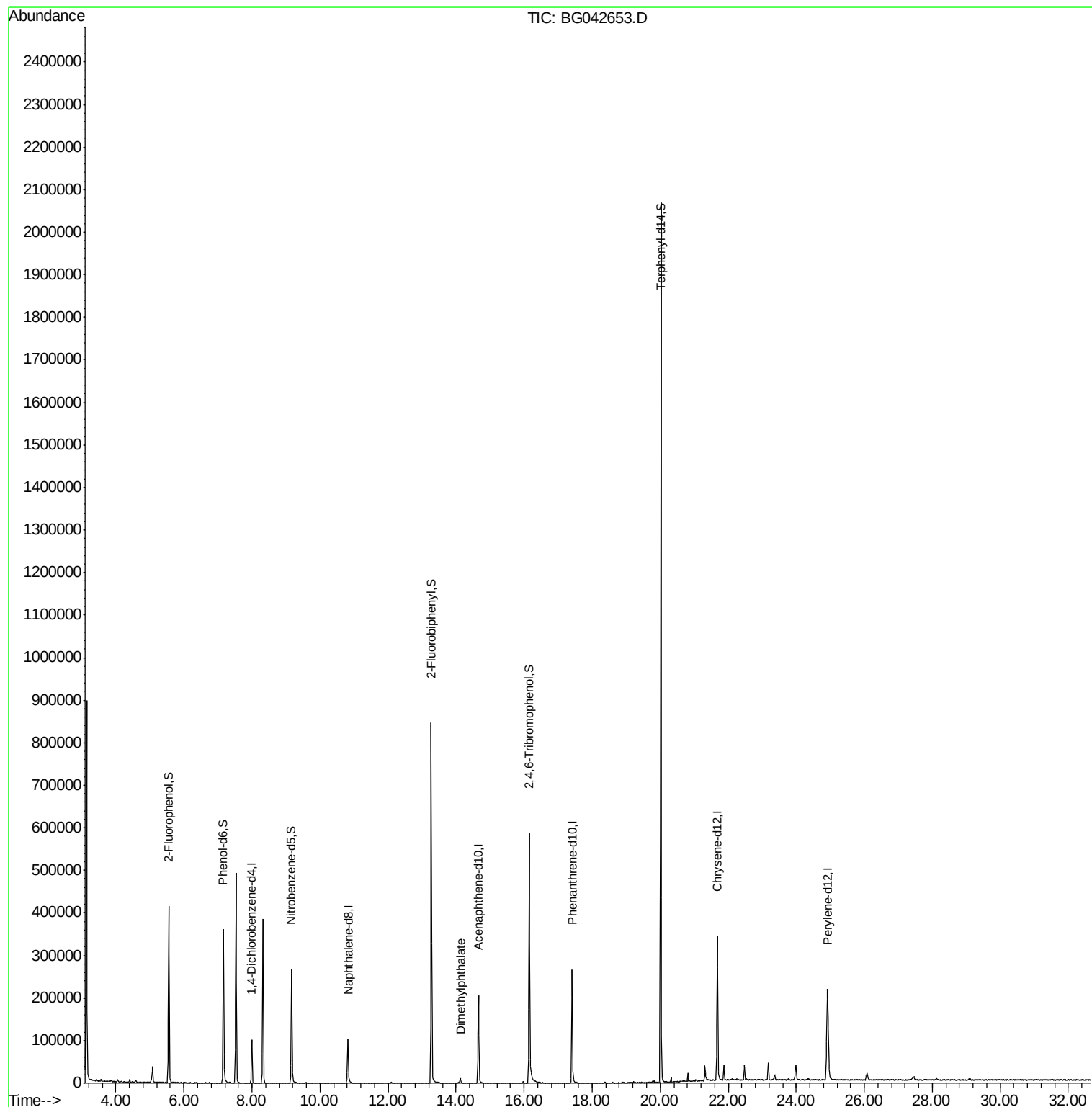
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	33358	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	123548	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	90058	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	217276	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	243021	20.00	ng	-0.02
87) Perylene-d12	24.91	264	279262	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	209749	127.35	ng	0.00
7) Phenol-d6	7.16	99	242817	109.14	ng	-0.01
23) Nitrobenzene-d5	9.16	82	174668	97.70	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	181922	142.12	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	543196	102.01	ng	-0.01
79) Terphenyl-d14	20.02	244	1135185	100.99	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	14440	2.222	ng	Qvalue 99

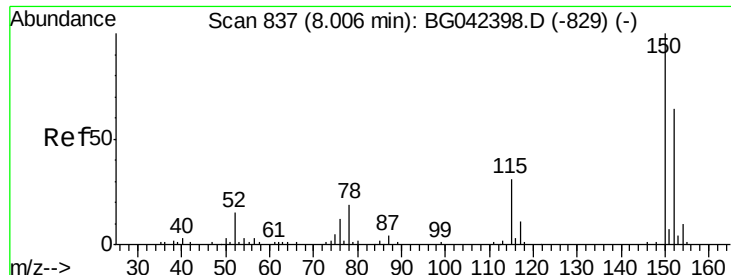
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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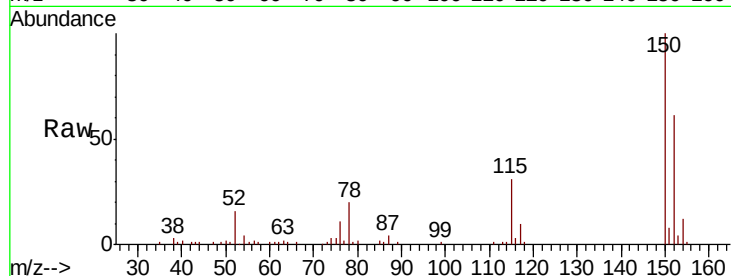


#1

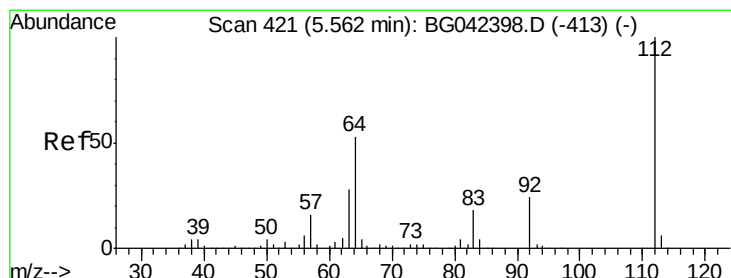
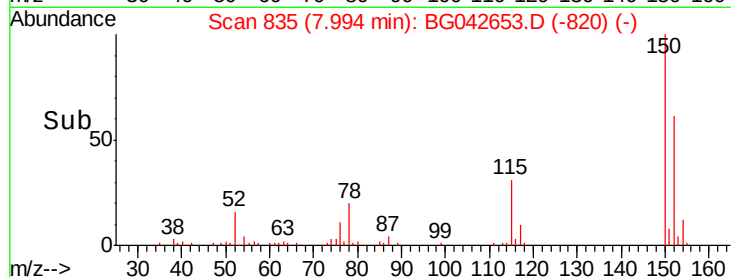
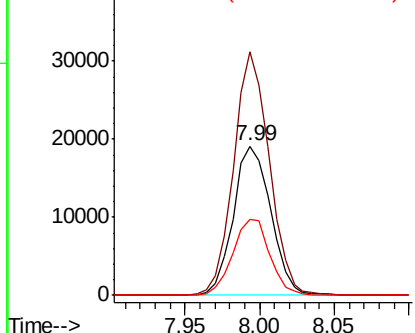
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042653.D
 Acq: 1 Sep 2019 4:42

Instrument :
 BNA_G
 ClientSampleId :
 T3-S-D

Tot Ion:152 Resp: 33358
 Ion Ratio Lower Upper
 152 100
 150 163.3 125.4 188.0
 115 51.1 38.5 57.7



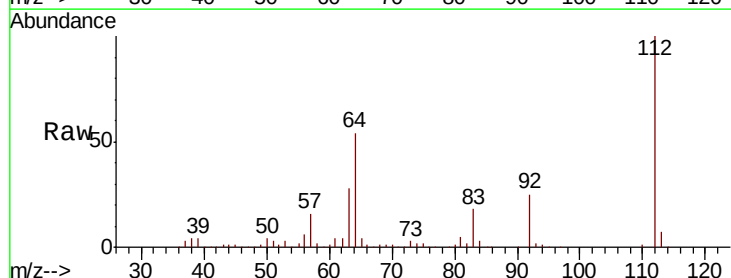
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



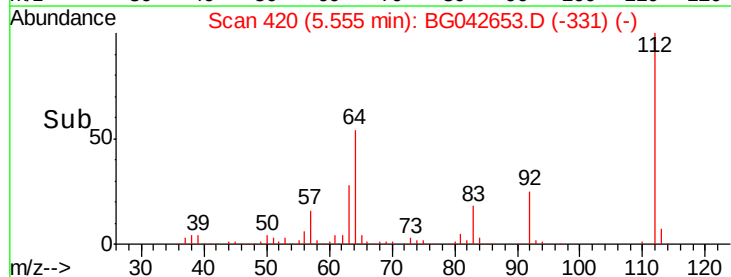
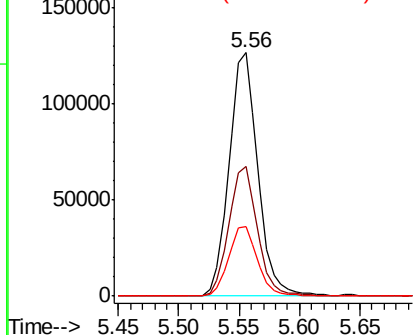
#5

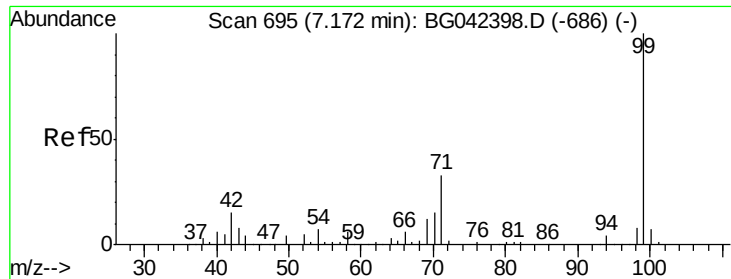
2-Fluorophenol
 Concen: 127.347 ng
 RT: 5.56 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BG042653.D
 Acq: 1 Sep 2019 4:42

Tgt Ion:112 Resp: 209749
 Ion Ratio Lower Upper
 112 100
 64 53.5 42.8 64.2
 63 28.4 22.7 34.1



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





#7

Phenol-d6

Concen: 109.140 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042653.D

Acq: 1 Sep 2019 4:42

Instrument :

BNA_G

ClientSampleId :

T3-S-D

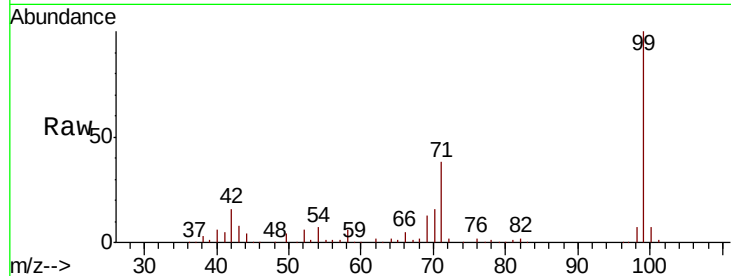
Tot Ion: 99 Resp: 242817

Ion Ratio Lower Upper

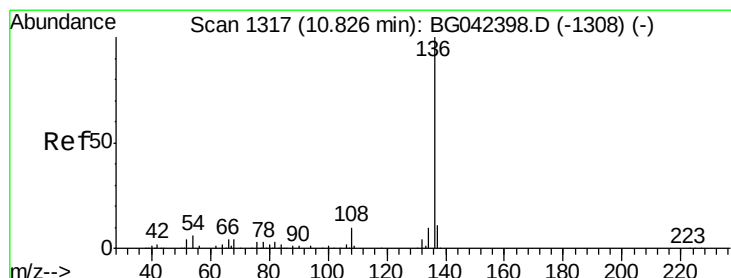
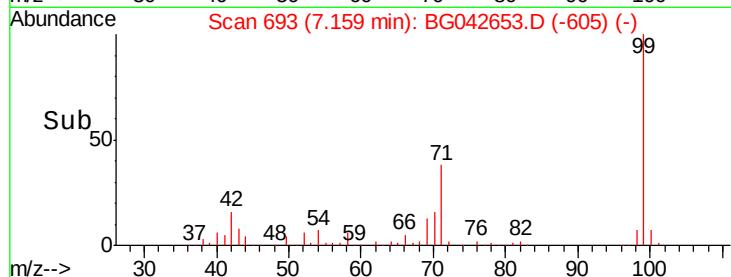
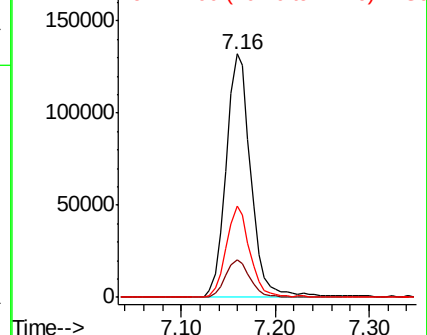
99 100

42 15.5 12.0 18.0

71 37.7 26.3 39.5



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: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042653.D

Acq: 1 Sep 2019 4:42

Tgt Ion: 136 Resp: 123548

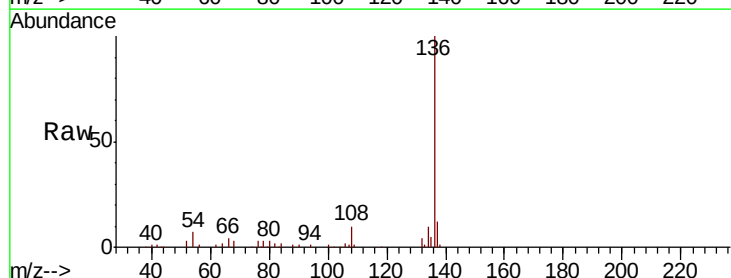
Ion Ratio Lower Upper

136 100

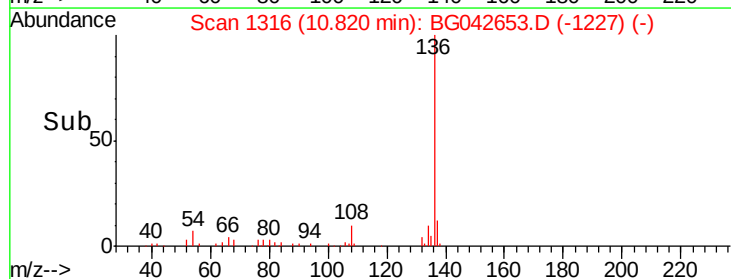
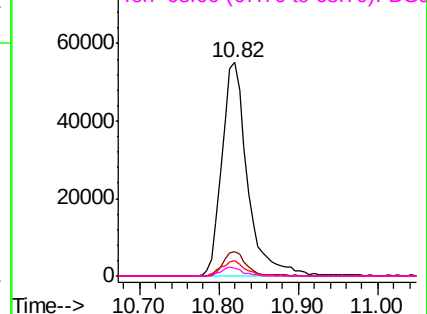
137 11.7 8.7 13.1

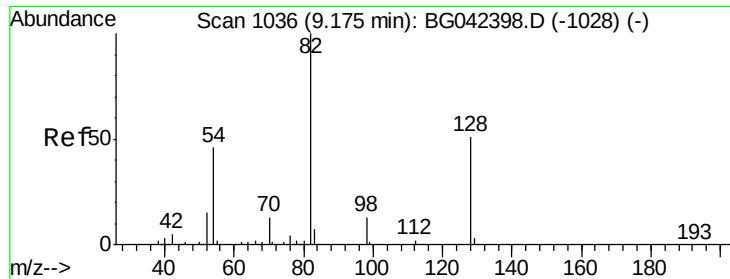
54 7.2 4.9 7.3

68 3.4 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

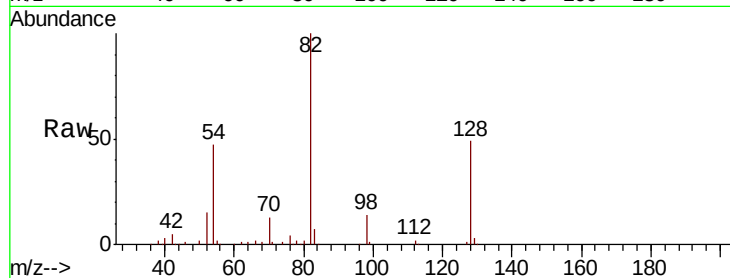




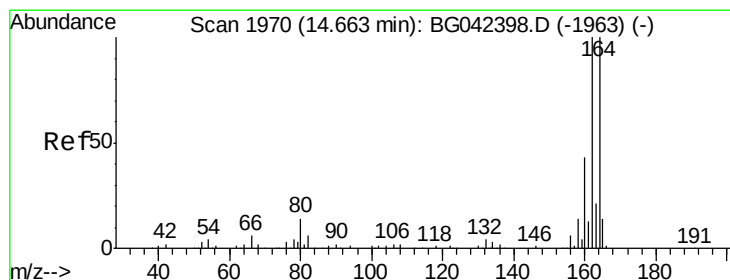
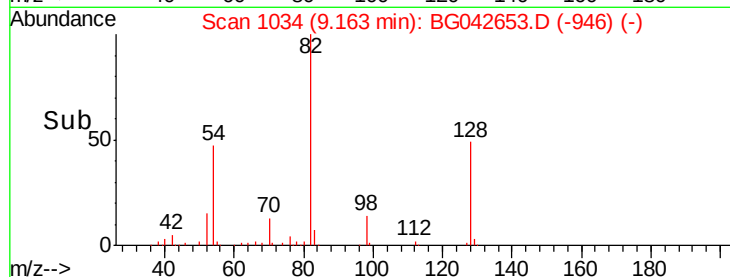
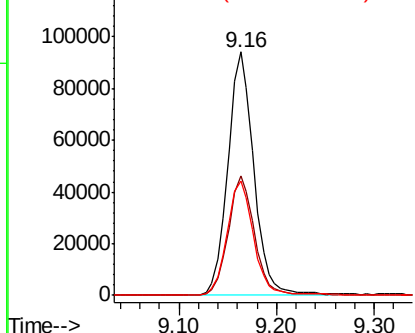
#23
Nitrobenzene-d5
Concen: 97.697 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042653.D
Acq: 1 Sep 2019 4:42

Instrument :
BNA_G
ClientSampleId :
T3-S-D

Tot Ion: 82 Resp: 174668
Ion Ratio Lower Upper
82 100
128 49.0 40.7 61.1
54 47.0 36.3 54.5

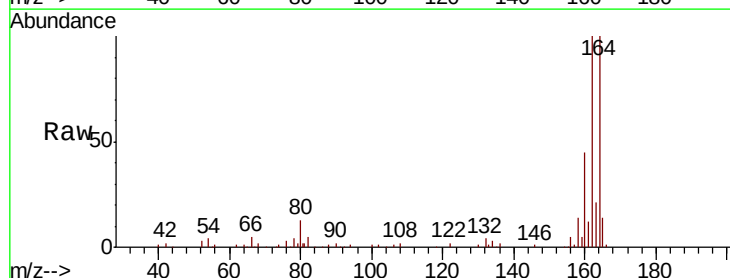


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

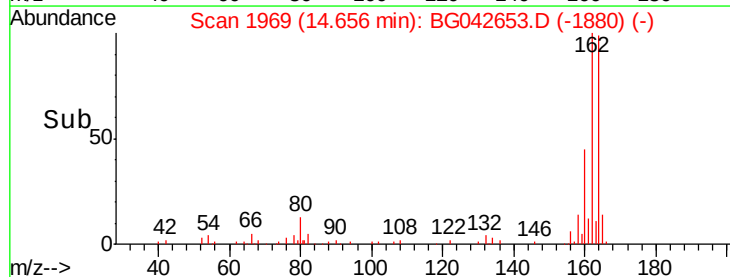
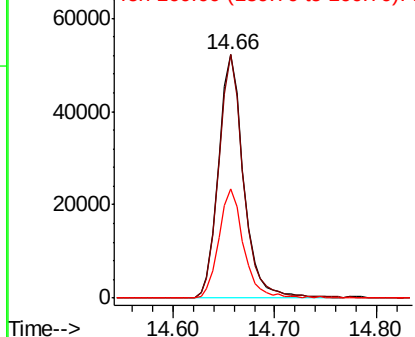


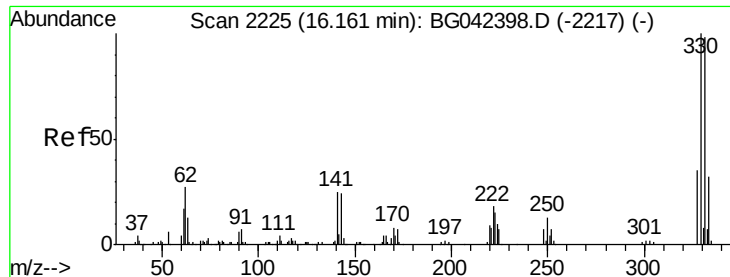
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042653.D
Acq: 1 Sep 2019 4:42

Tgt Ion: 164 Resp: 90058
Ion Ratio Lower Upper
164 100
162 100.1 79.9 119.9
160 44.9 34.3 51.5



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: 142.124 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042653.D

Acq: 1 Sep 2019 4:42

Instrument :

BNA_G

ClientSampleId :

T3-S-D

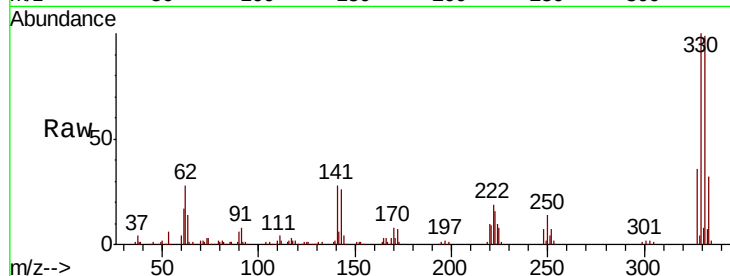
Tot Ion:330 Resp: 181922

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.0

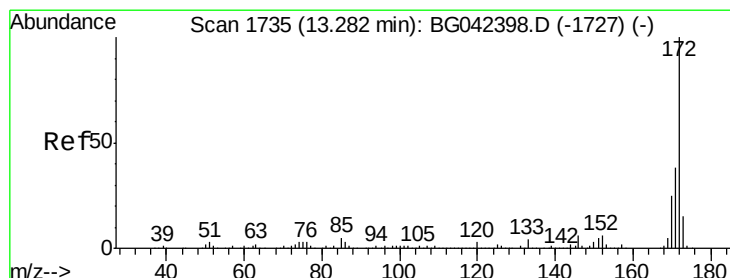
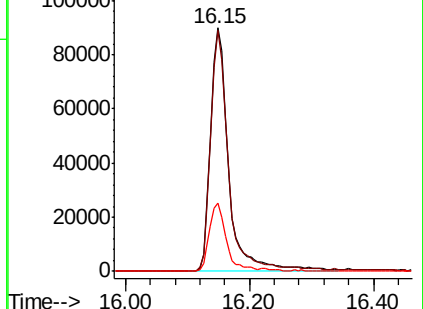
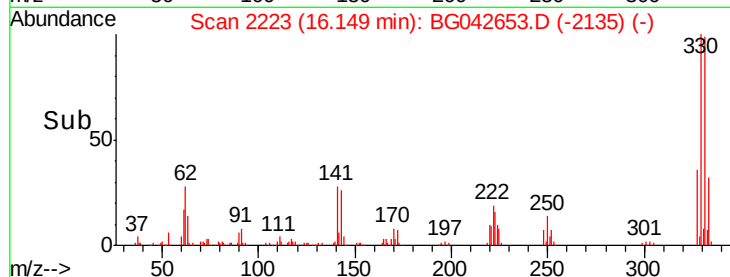
141 26.8 21.4 32.0



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: 102.012 ng

RT: 13.27 min Scan# 1733

Delta R.T. -0.01 min

Lab File: BG042653.D

Acq: 1 Sep 2019 4:42

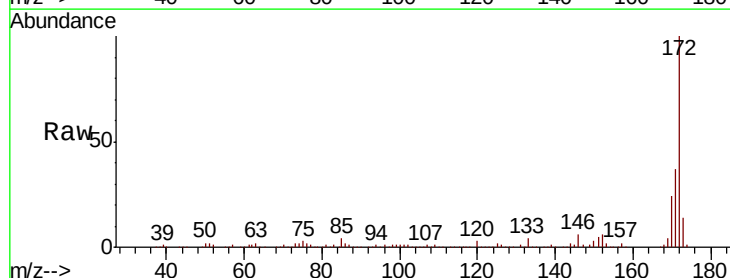
Tgt Ion:172 Resp: 543196

Ion Ratio Lower Upper

172 100

171 36.7 30.5 45.7

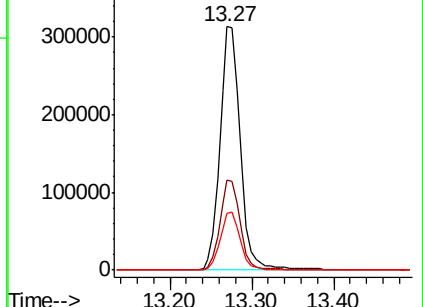
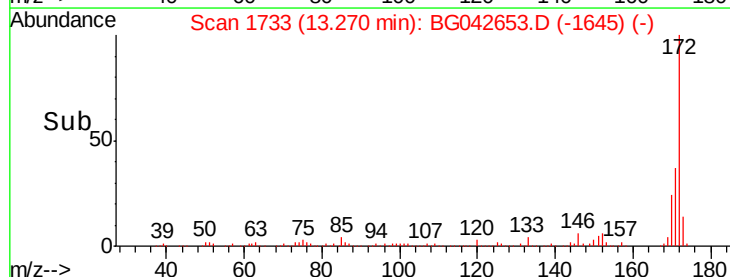
170 23.5 20.2 30.2

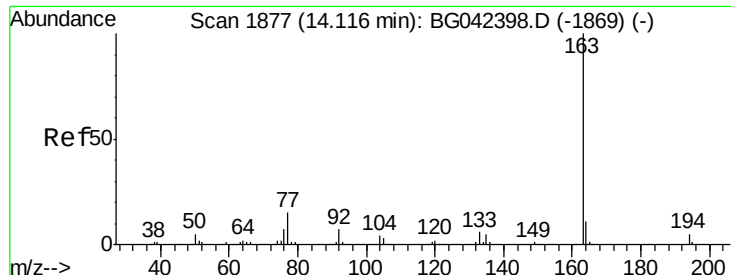


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.222 ng

RT: 14.12 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BG042653.D

Acq: 1 Sep 2019 4:42

Instrument :

BNA_G

ClientSampleId :

T3-S-D

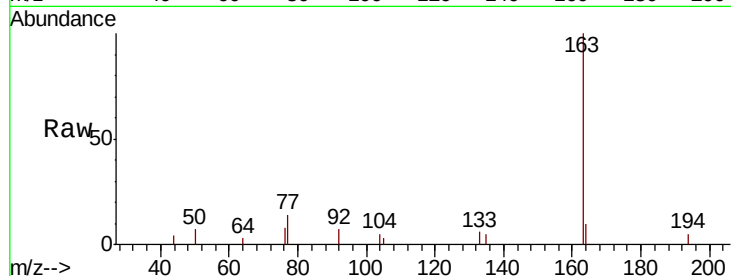
Tot Ion:163 Resp: 14440

Ion Ratio Lower Upper

163 100

194 5.4 4.2 6.2

164 10.4 8.8 13.2

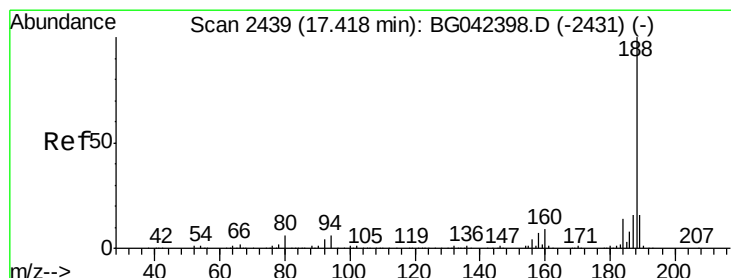
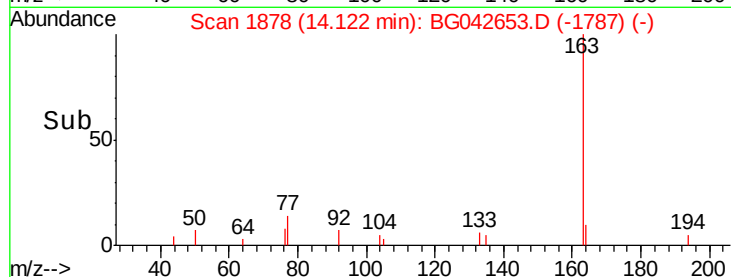
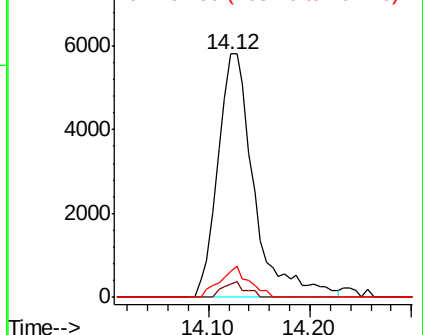


Abundance

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: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042653.D

Acq: 1 Sep 2019 4:42

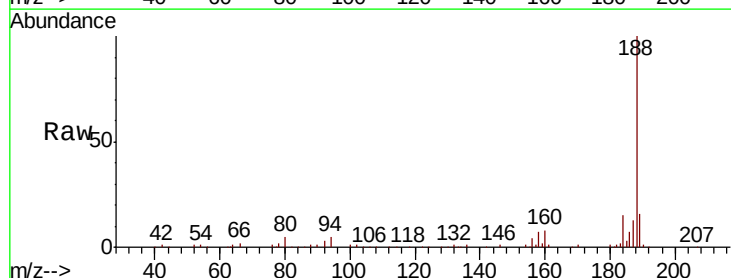
Tgt Ion:188 Resp: 217276

Ion Ratio Lower Upper

188 100

94 5.2 4.5 6.7

80 4.8 4.9 7.3#

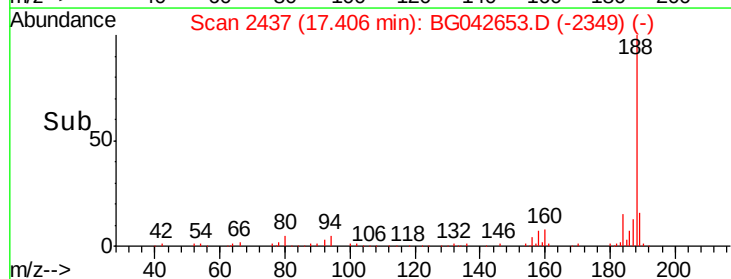
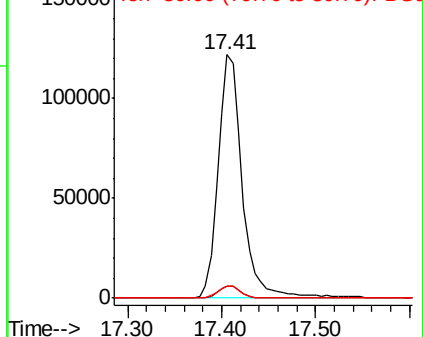


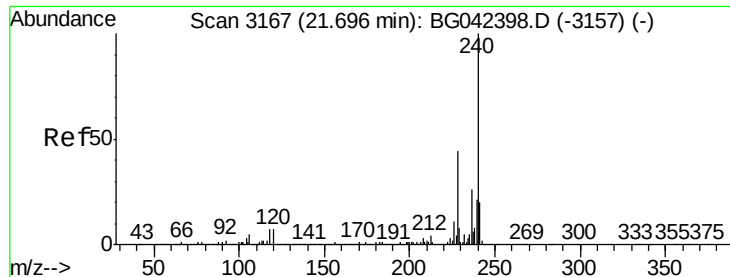
Abundance

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

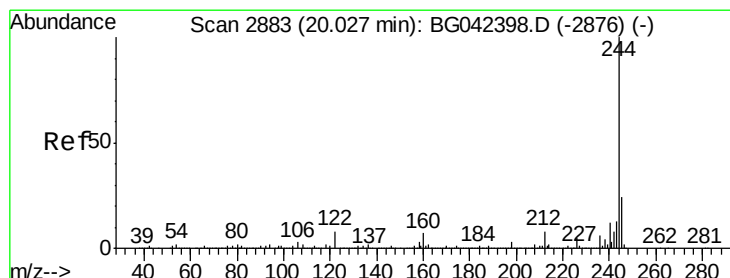
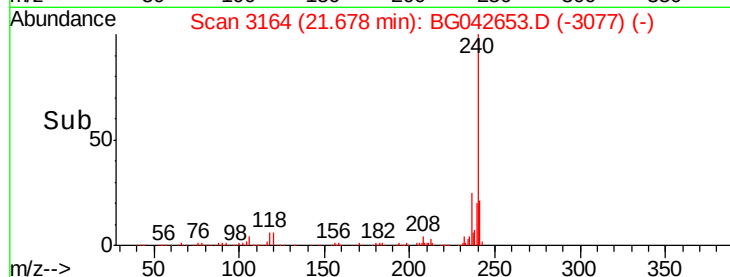
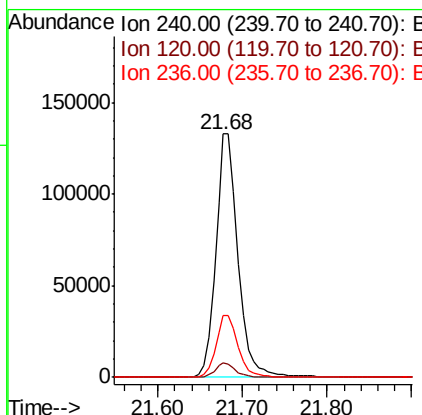
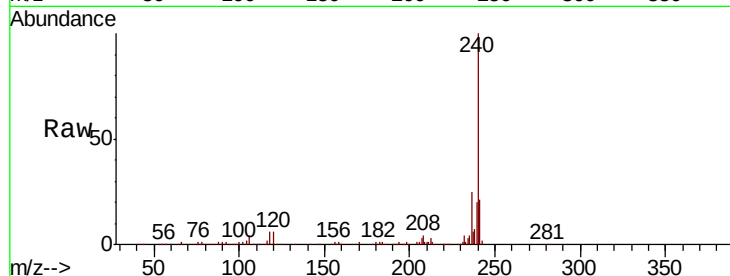




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.02 min
 Lab File: BG042653.D
 Acq: 1 Sep 2019 4:42

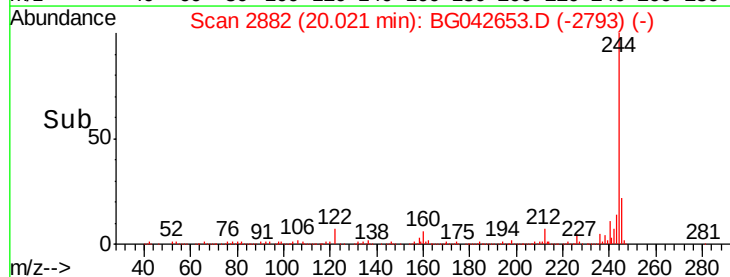
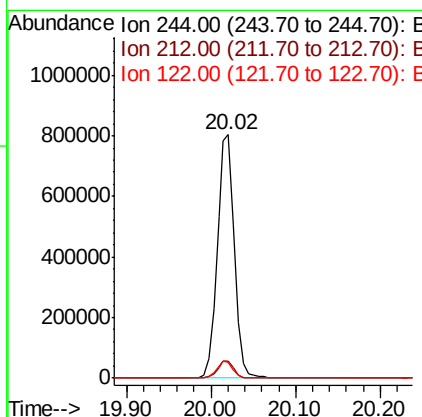
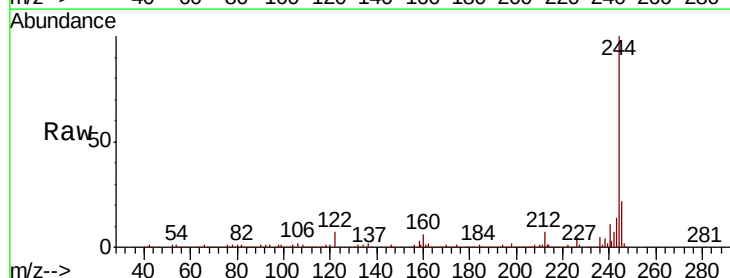
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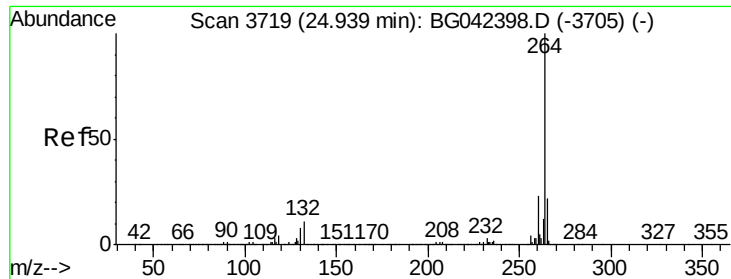
Tot Ion:240 Resp: 243021
 Ion Ratio Lower Upper
 240 100
 120 5.8 5.7 8.5
 236 25.5 21.0 31.4



#79
 Terphenyl-d14
 Concen: 100.986 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042653.D
 Acq: 1 Sep 2019 4:42

Tgt Ion:244 Resp: 1135185
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 6.6 6.7 10.1#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3715
Delta R.T. -0.02 min
Lab File: BG042653.D
Acq: 1 Sep 2019 4:42

Instrument :
BNA_G
ClientSampleId :
T3-S-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.5	27.7
265	22.6	17.6	26.4

