

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
 Data File : BG043044.D
 Acq On : 5 Oct 2019 1:17
 Operator : JU
 Sample : K5154-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-105D

Quant Time: Oct 05 06:27:48 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

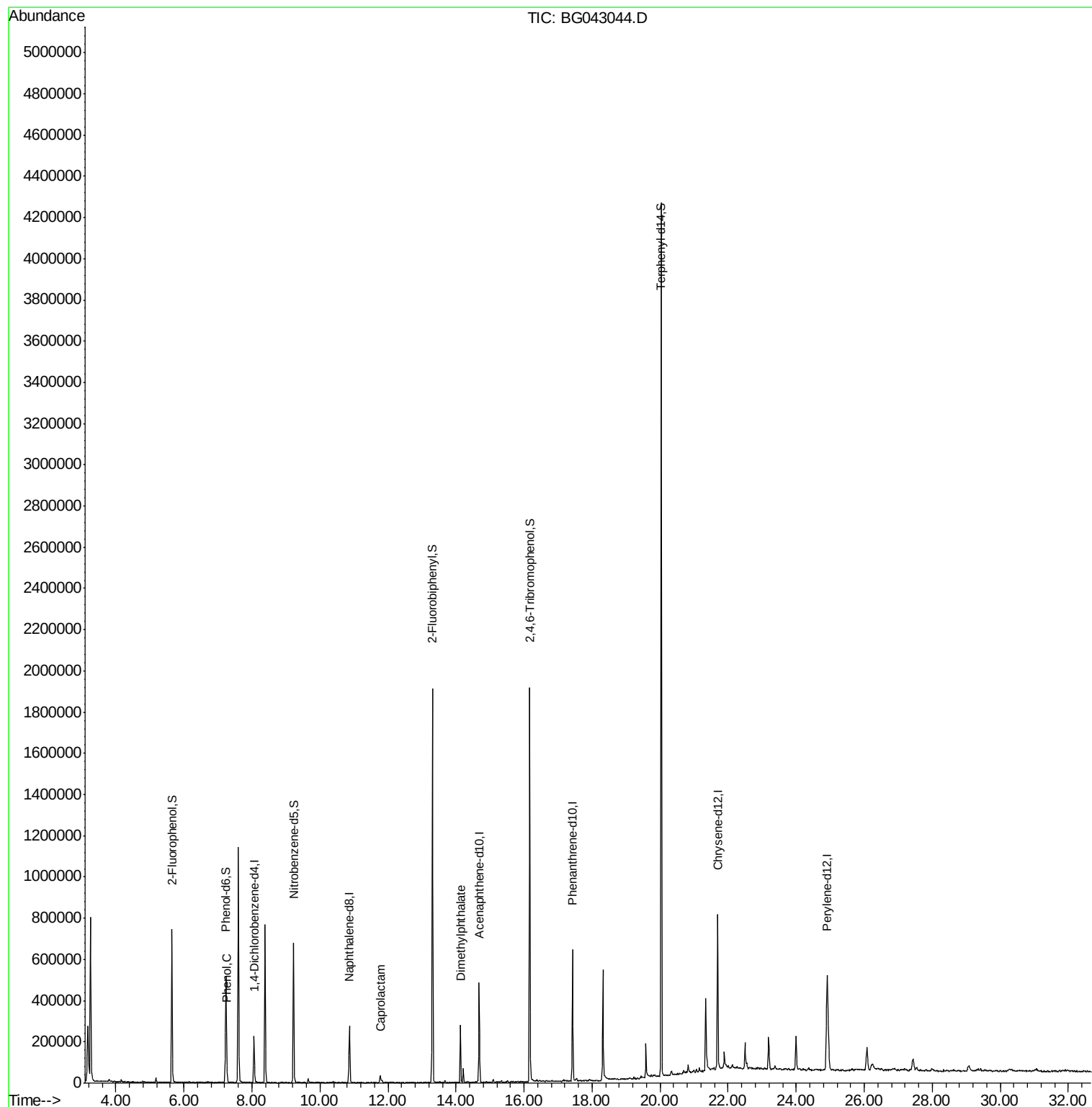
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	63532	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	236684	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	171037	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	405199	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	447946	20.00	ng	-0.03
87) Perylene-d12	24.91	264	521931	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	319845	89.84	ng	-0.01
7) Phenol-d6	7.23	99	297855	58.10	ng	-0.01
23) Nitrobenzene-d5	9.22	82	419882	86.23	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	409147	139.11	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1018285	86.31	ng	-0.02
79) Terphenyl-d14	20.03	244	2016231	95.91	ng	-0.01
Target Compounds						
10) Phenol	7.26	94	44227	9.403	ng	92
35) Caprolactam	11.77	113	8081	6.068	ng	# 56
50) Dimethylphthalate	14.13	163	178402	13.921	ng	99

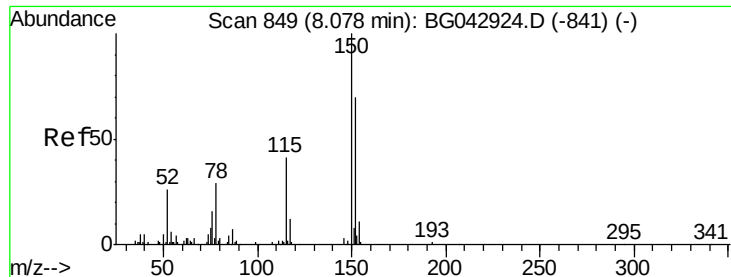
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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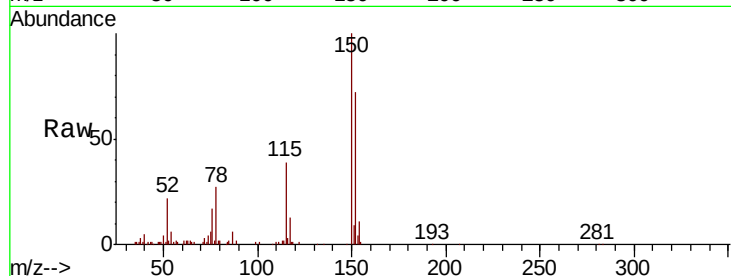


#1

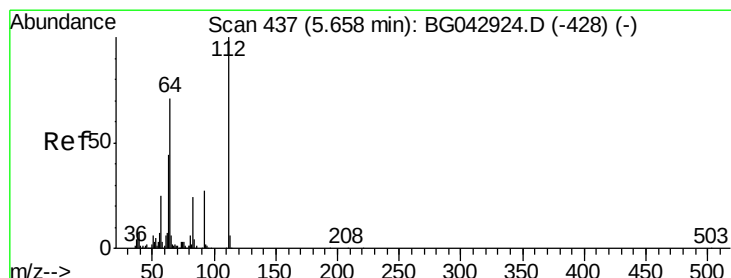
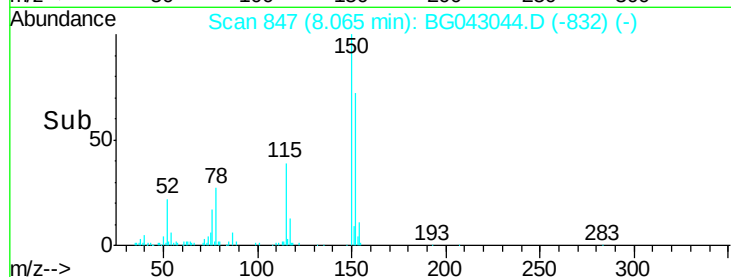
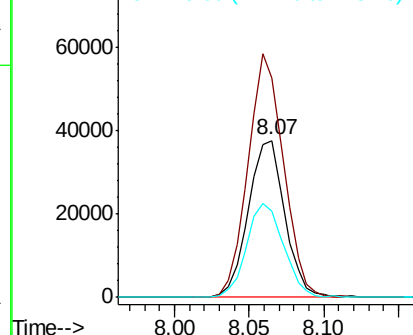
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG043044.D
Acq: 5 Oct 2019 1:17

Instrument :
BNA_G
ClientSampleId :
MW-105D

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.7	115.0	172.4
115	54.6	47.0	70.6



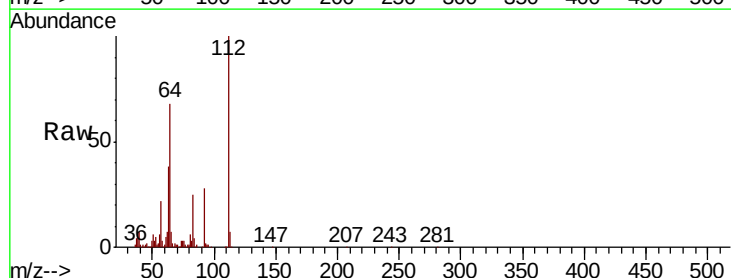
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



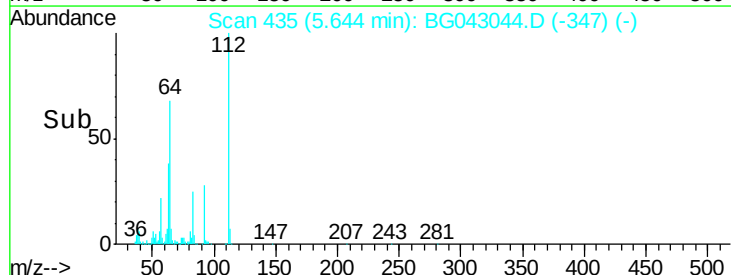
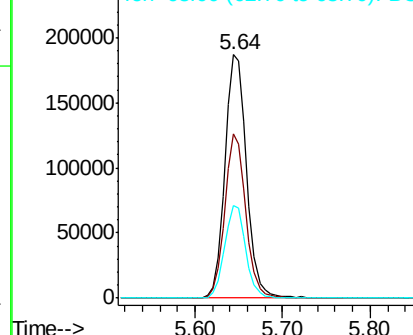
#5

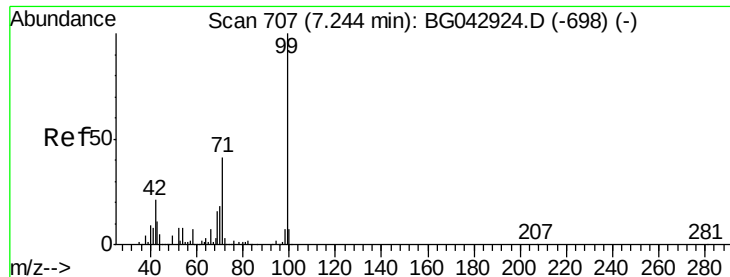
2-Fluorophenol
Concen: 89.845 ng
RT: 5.64 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG043044.D
Acq: 5 Oct 2019 1:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	56.6	84.8
63	38.0	35.1	52.7



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: 58.100 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043044.D

Acq: 5 Oct 2019 1:17

Instrument :

BNA_G

ClientSampleId :

MW-105D

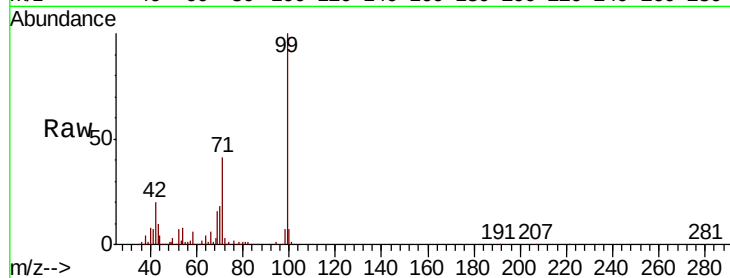
Tot Ion: 99 Resp: 297855

Ion Ratio Lower Upper

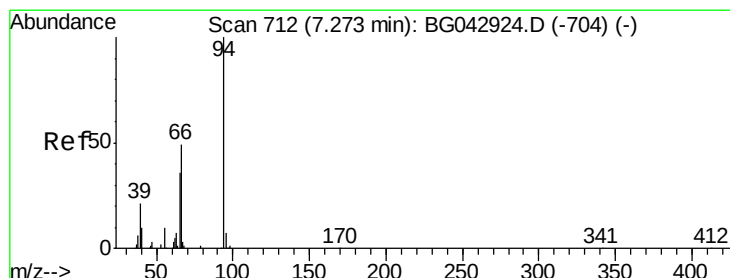
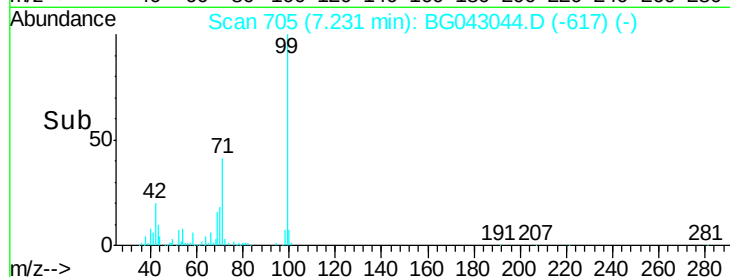
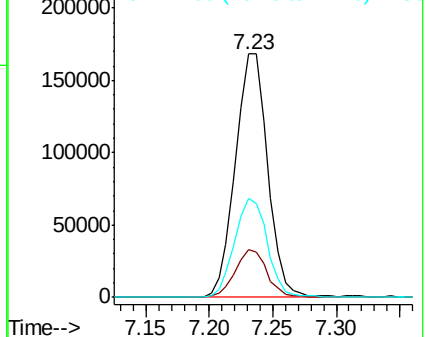
99 100

42 19.6 17.2 25.8

71 40.6 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: 9.403 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG043044.D

Acq: 5 Oct 2019 1:17

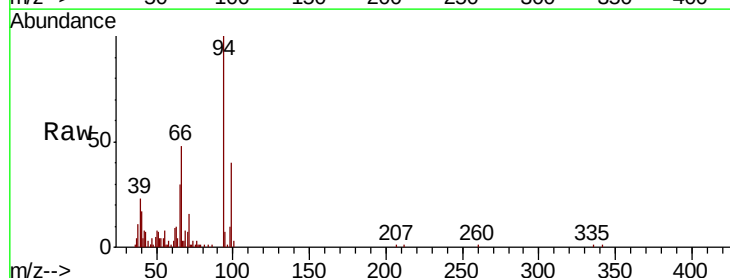
Tgt Ion: 94 Resp: 44227

Ion Ratio Lower Upper

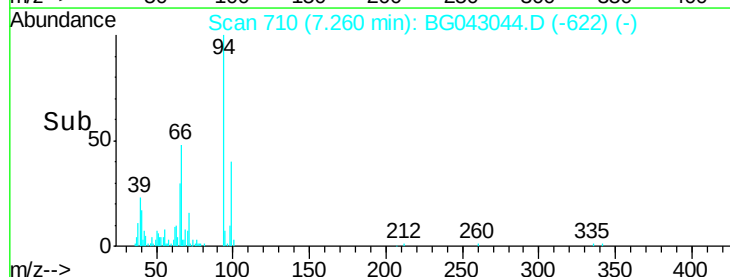
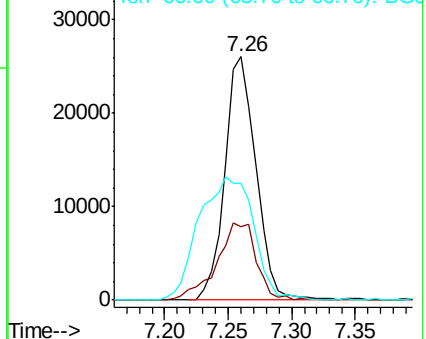
94 100

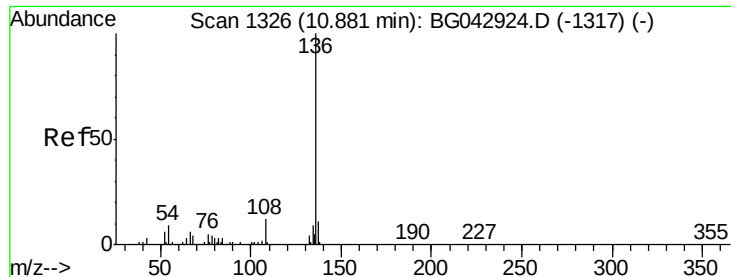
65 30.2 16.6 56.6

66 48.0 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

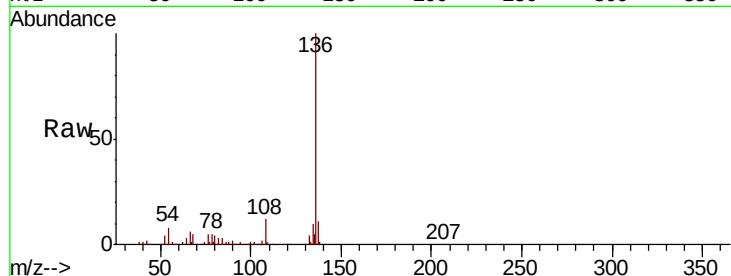




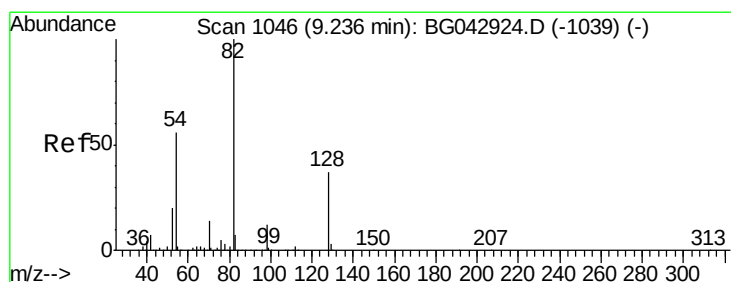
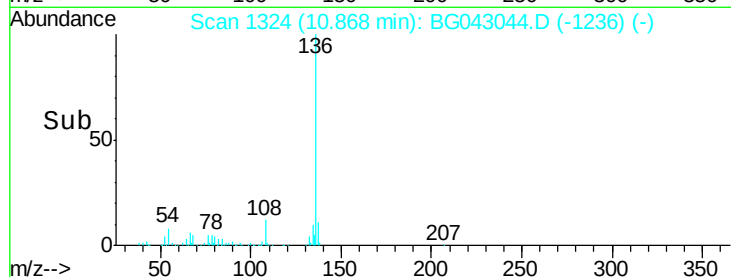
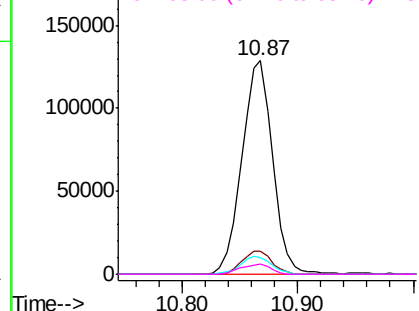
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043044.D
Acq: 5 Oct 2019 1:17

Instrument :
BNA_G
ClientSampleId :
MW-105D

Tot Ion:136	Resp:	236684	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.5	12.7	
54 7.9	7.4	11.2	
68 4.8	3.6	5.4	

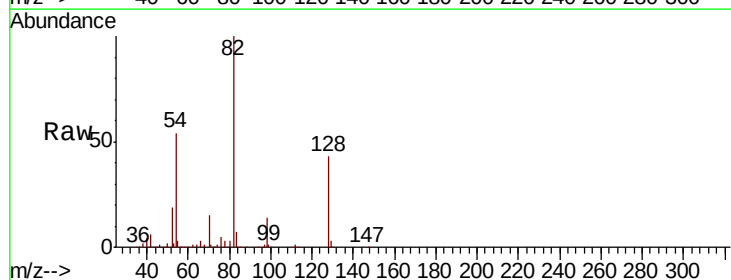


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

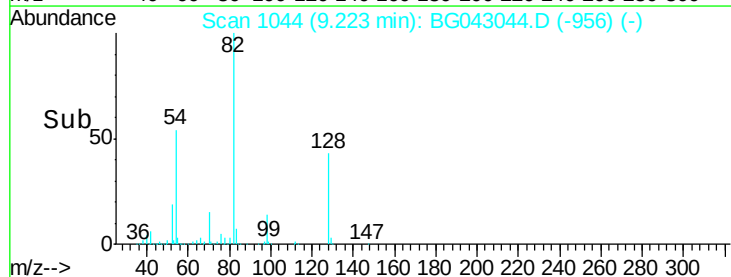
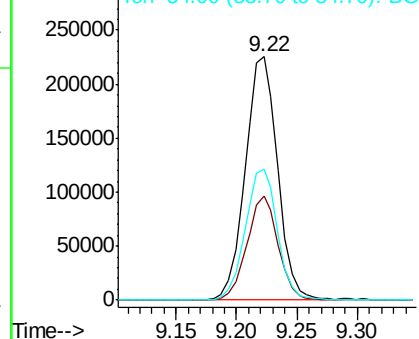


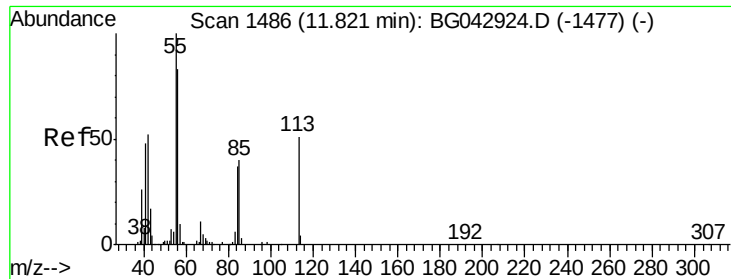
#23
Nitrobenzene-d5
Concen: 86.226 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG043044.D
Acq: 5 Oct 2019 1:17

Tgt	Ion: 82	Resp:	419882
Ion	Ratio	Lower	Upper
82	100		
128	42.7	29.5	44.3
54	53.7	44.6	67.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
300000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#35

Caprolactam

Concen: 6.068 ng

RT: 11.77 min Scan# 1478

Delta R.T. -0.05 min

Lab File: BG043044.D

Acq: 5 Oct 2019 1:17

Instrument :

BNA_G

ClientSampleId :

MW-105D

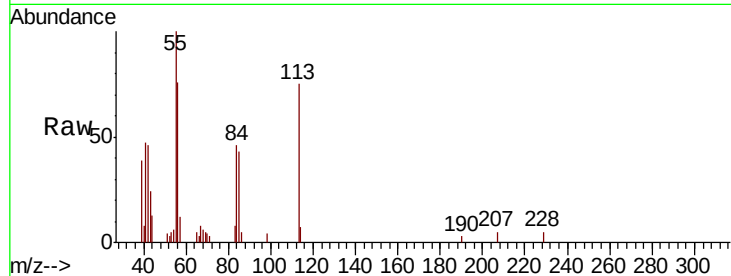
Tot Ion:113 Resp: 8081

Ion Ratio Lower Upper

113 100

55 133.2 175.5 215.5#

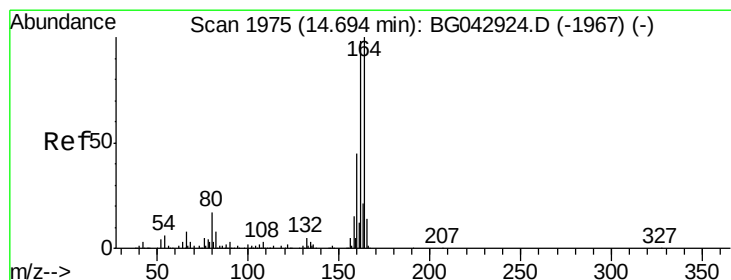
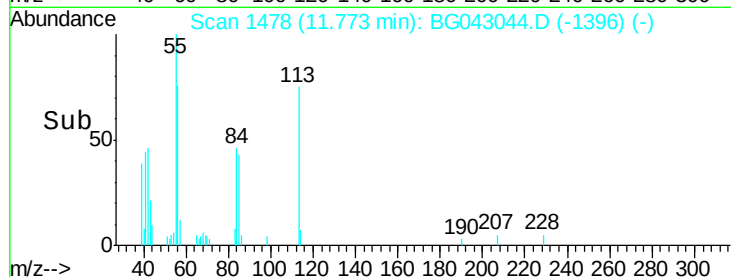
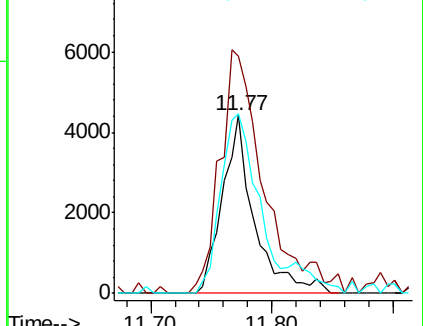
56 101.3 142.3 182.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043044.D

Acq: 5 Oct 2019 1:17

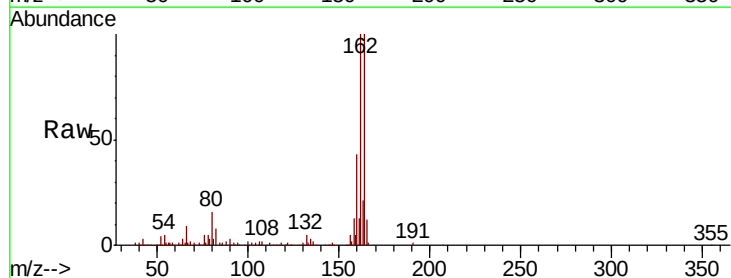
Tgt Ion:164 Resp: 171037

Ion Ratio Lower Upper

164 100

162 100.0 78.5 117.7

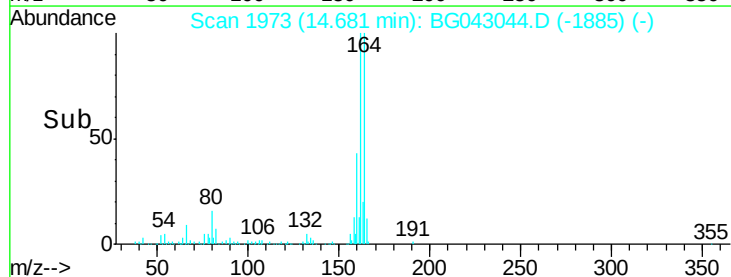
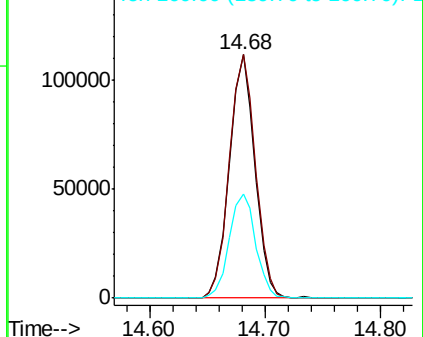
160 42.9 35.9 53.9

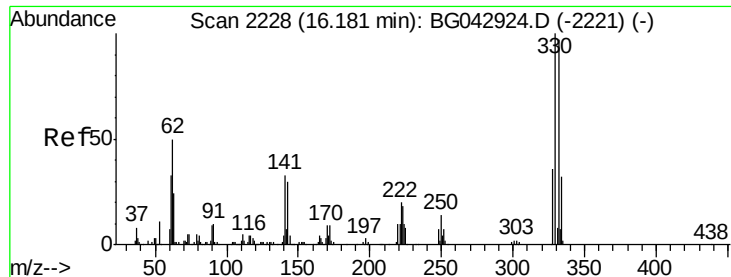


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

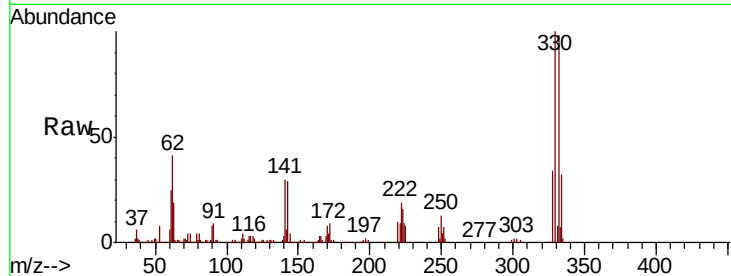




#42
 2,4,6-Tribromophenol
 Concen: 139.114 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BG043044.D
 Acq: 5 Oct 2019 1:17

Instrument :
 BNA_G
 ClientSampleId :
 MW-105D

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.2	117.2
141	29.6	26.0	39.0

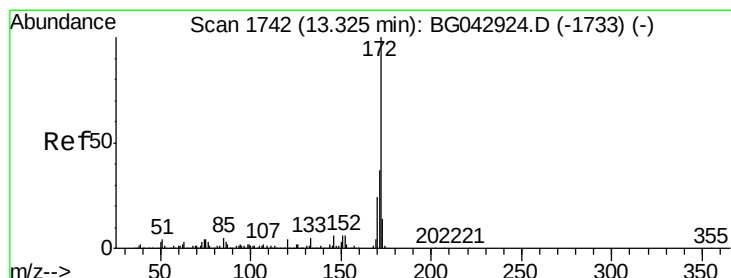
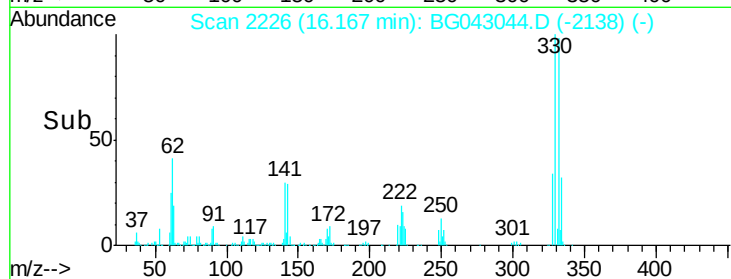
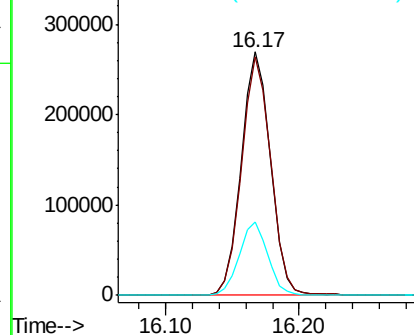


Abundance

Ion 329.80 (329.50 to 330.50): E

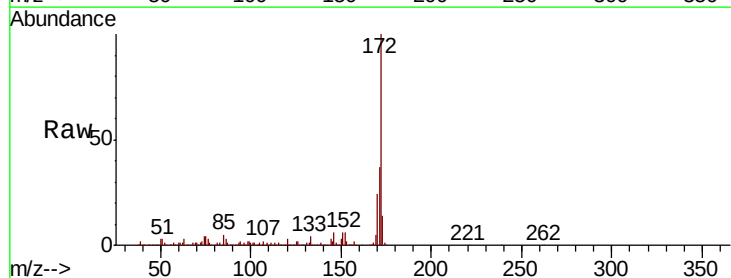
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.309 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG043044.D
 Acq: 5 Oct 2019 1:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	23.8	19.6	29.4

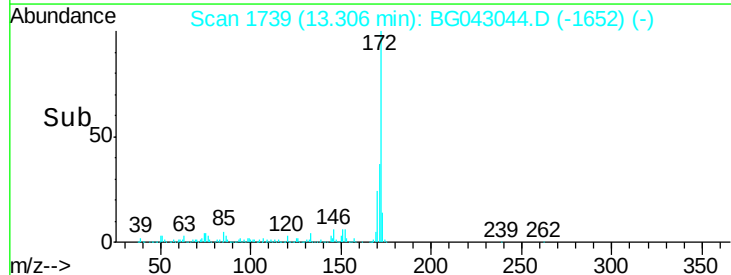
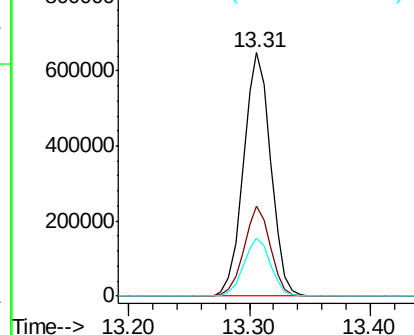


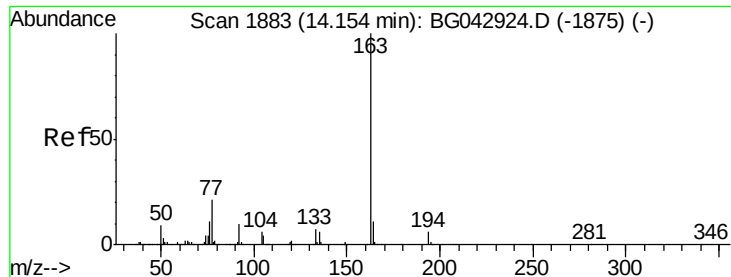
Abundance

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: 13.921 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.03 min

Lab File: BG043044.D

Acq: 5 Oct 2019 1:17

Instrument :

BNA_G

ClientSampleId :

MW-105D

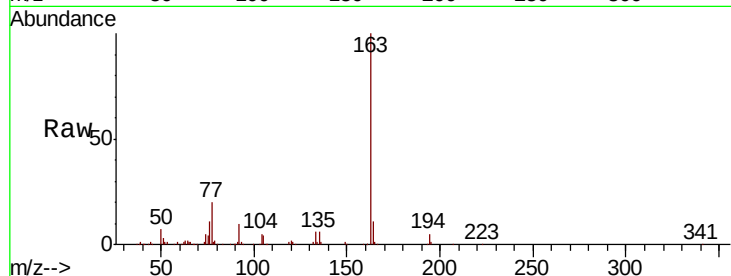
Tot Ion:163 Resp: 178402

Ion Ratio Lower Upper

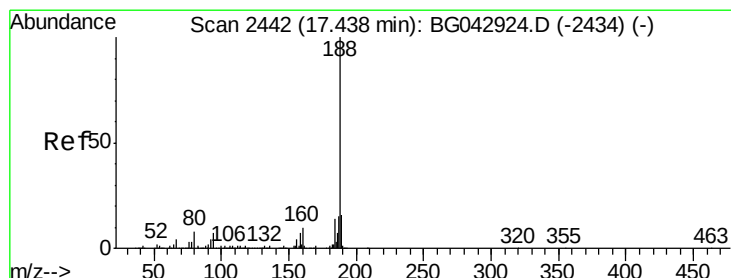
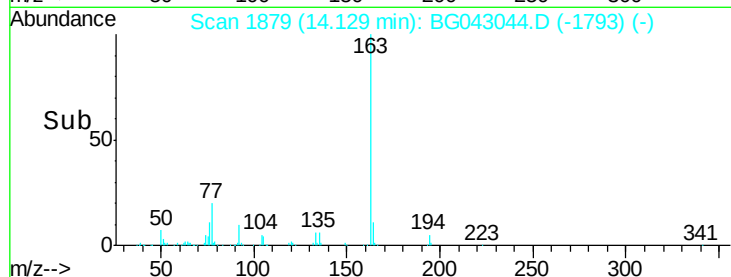
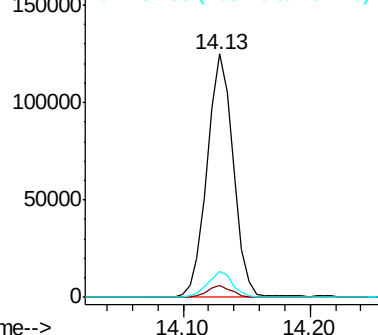
163 100

194 4.8 4.4 6.6

164 10.6 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: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG043044.D

Acq: 5 Oct 2019 1:17

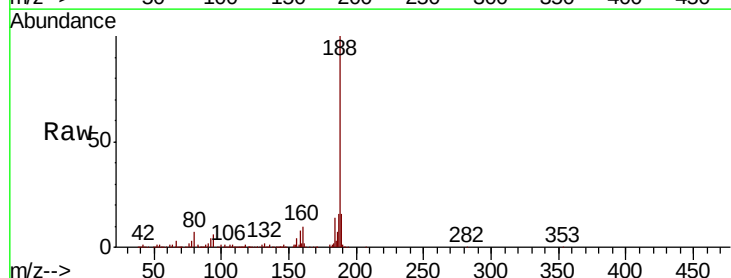
Tgt Ion:188 Resp: 405199

Ion Ratio Lower Upper

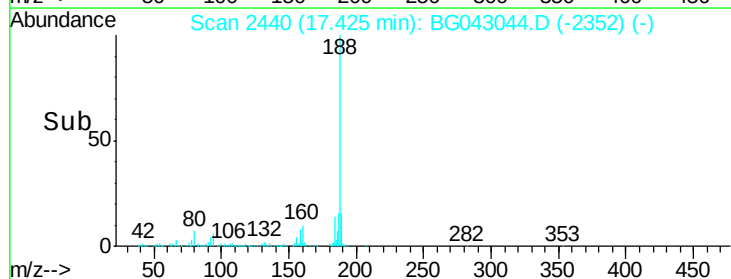
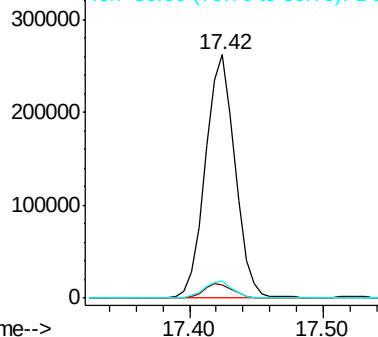
188 100

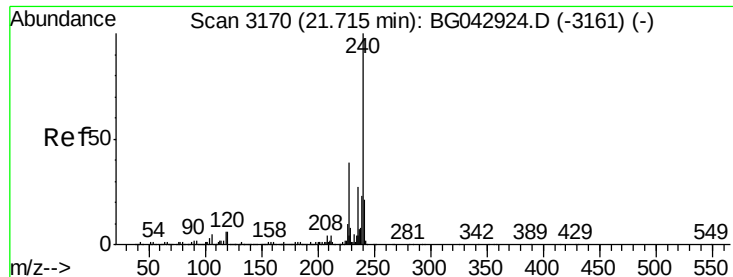
94 5.5 5.7 8.5#

80 7.0 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

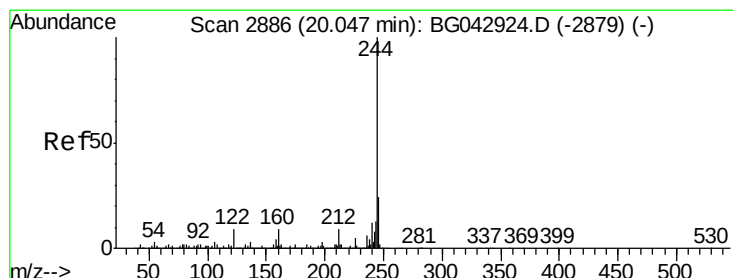
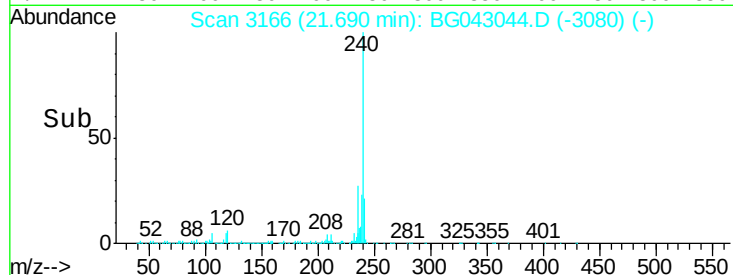
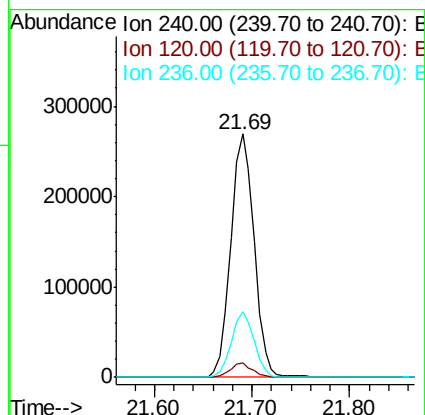
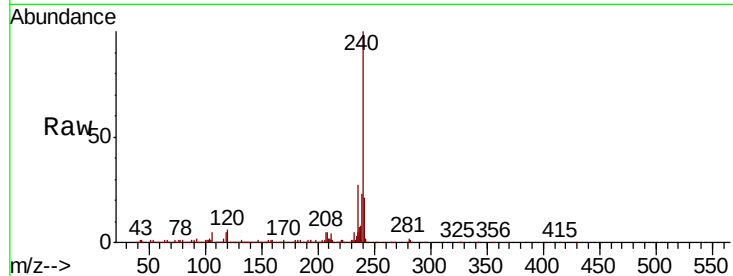




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.03 min
Lab File: BG043044.D
Acq: 5 Oct 2019 1:17

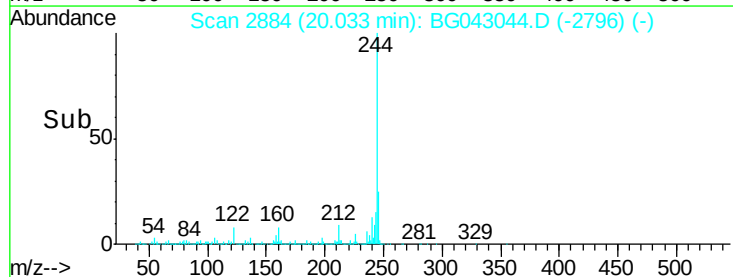
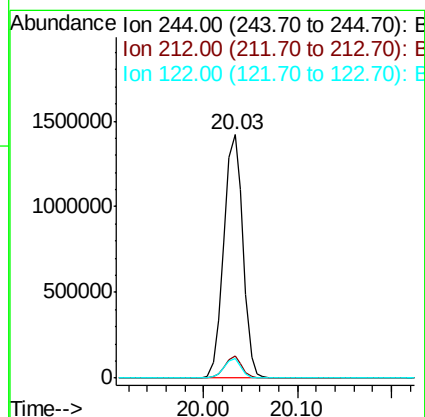
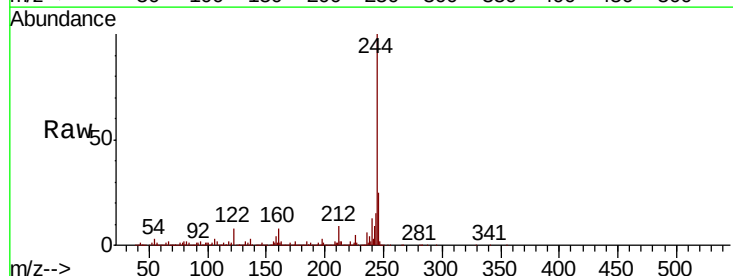
Instrument :
BNA_G
ClientSampleId :
MW-105D

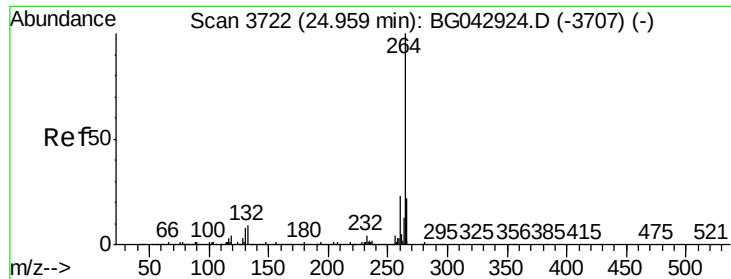
Tot Ion:240 Resp: 447946
Ion Ratio Lower Upper
240 100
120 5.9 4.8 7.2
236 27.2 21.4 32.0



#79
Terphenyl-d14
Concen: 95.912 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG043044.D
Acq: 5 Oct 2019 1:17

Tgt Ion:244 Resp: 2016231
Ion Ratio Lower Upper
244 100
212 8.9 7.4 11.0
122 7.9 7.0 10.4

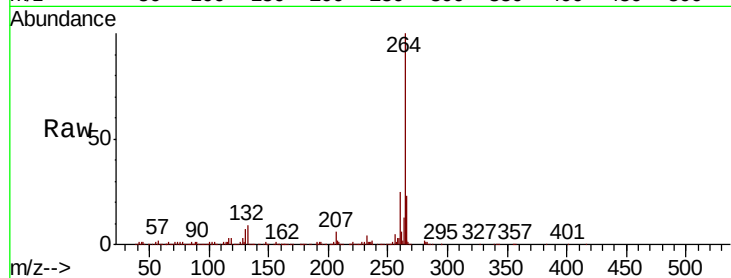




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3714
Delta R.T. -0.05 min
Lab File: BG043044.D
Acq: 5 Oct 2019 1:17

Instrument :
BNA_G
ClientSampleId :
MW-105D

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.7	28.1
265	23.3	17.7	26.5

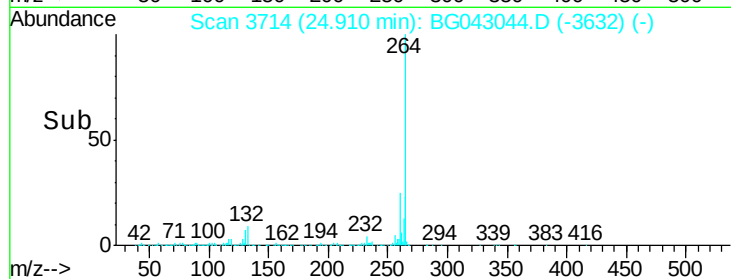
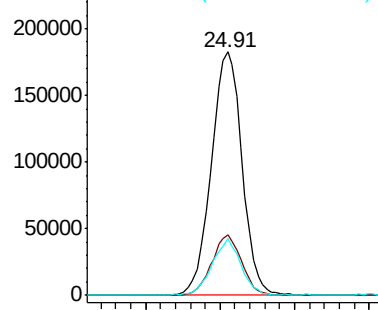


Abundance

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



Time-->