

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100419\
 Data File : BG043037.D
 Acq On : 4 Oct 2019 20:50
 Operator : JU
 Sample : K5154-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-103S

Quant Time: Oct 22 05:46:27 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

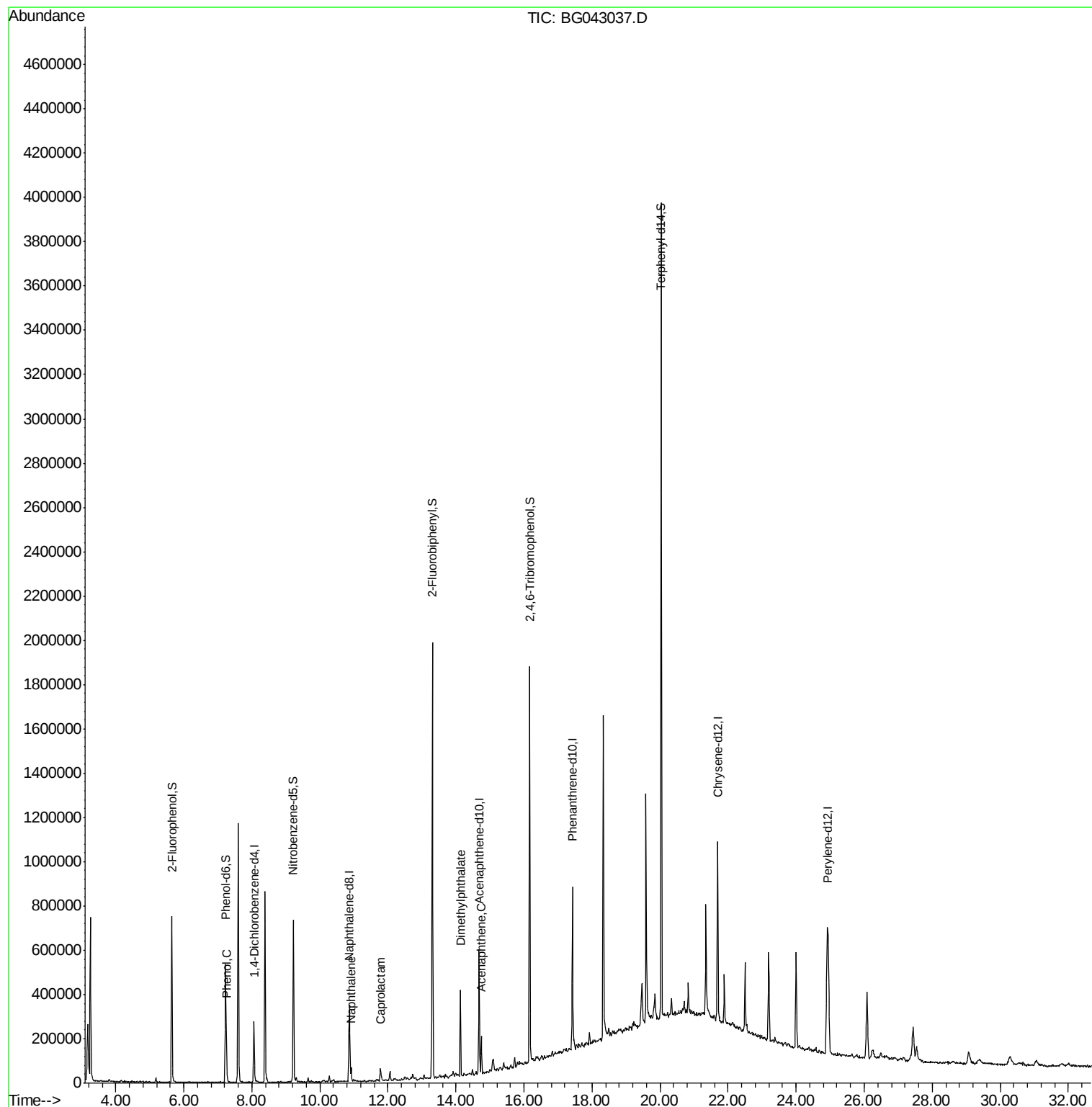
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	76430	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	298058	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	205570	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	457926	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	510447	20.00	ng	-0.02
87) Perylene-d12	24.91	264	601080	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	334833	78.18	ng	-0.01
7) Phenol-d6	7.23	99	321243	52.09	ng	-0.02
23) Nitrobenzene-d5	9.22	82	448794	73.19	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	410823	116.22	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1056574	74.51	ng	-0.02
79) Terphenyl-d14	20.04	244	1859315	77.62	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.26	94	41545	7.342	ng	87
31) Naphthalene	10.91	128	47453	3.234	ng	97
35) Caprolactam	11.79	113	11733	6.996	ng	92
50) Dimethylphthalate	14.13	163	253688	16.470	ng	# 99
52) Acenaphthene	14.74	154	65970	5.511	ng	98

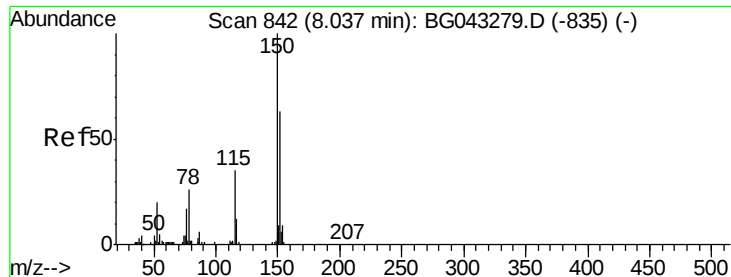
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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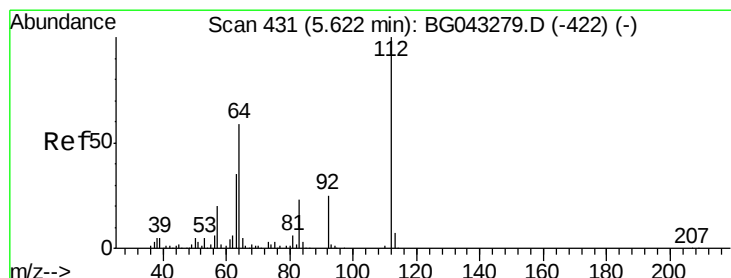
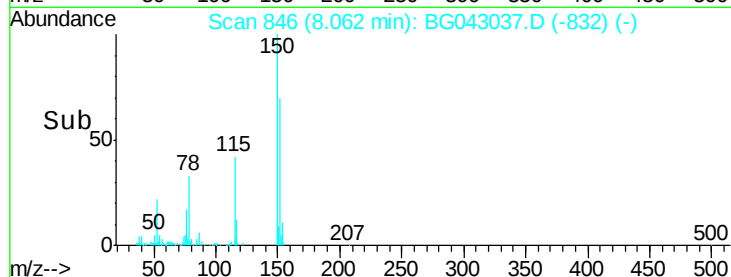
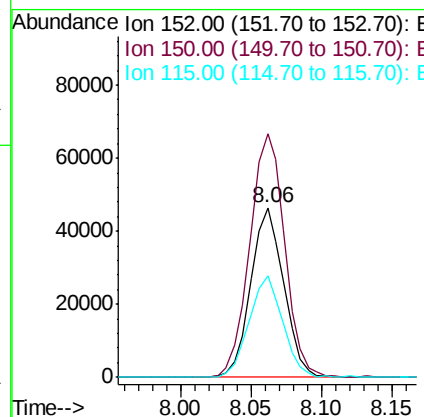
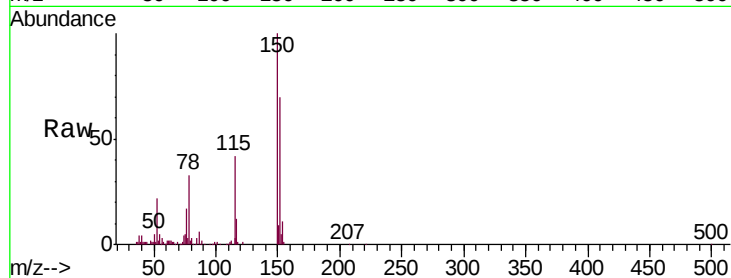


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043037.D
Acq: 4 Oct 2019 20:50

Instrument :
BNA_G
ClientSampleId :
MW-103S

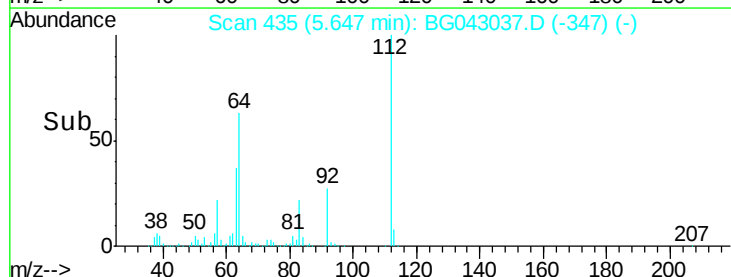
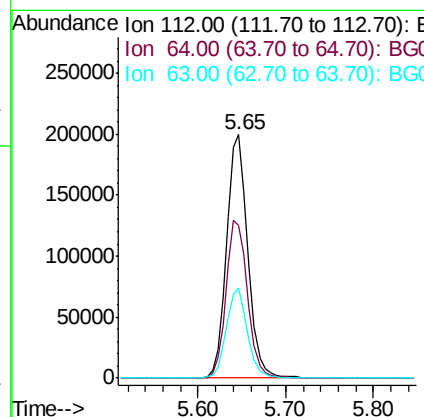
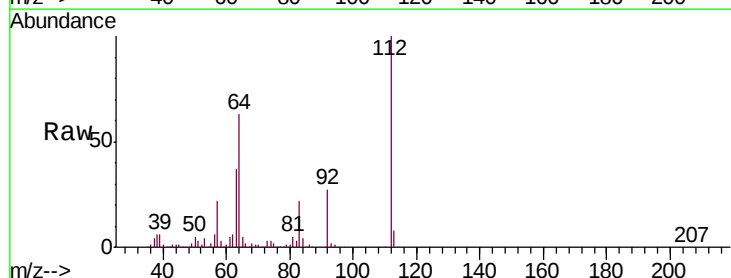
Tgt Ion:152 Resp: 76430
Ion Ratio Lower Upper
152 100
150 143.6 115.0 172.4
115 60.1 47.0 70.6

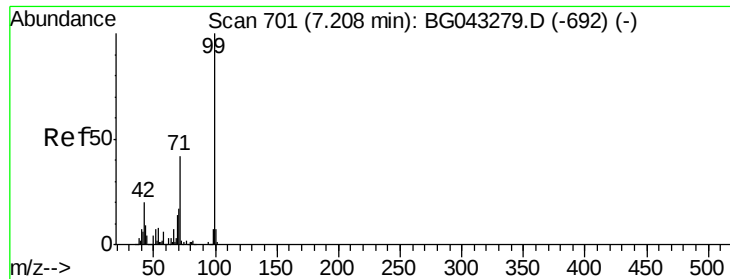


#5

2-Fluorophenol
Concen: 78.183 ng
RT: 5.65 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG043037.D
Acq: 4 Oct 2019 20:50

Tgt Ion:112 Resp: 334833
Ion Ratio Lower Upper
112 100
64 62.6 56.6 84.8
63 36.8 35.1 52.7





#7

Phenol-d6

Concen: 52.088 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.02 min

Lab File: BG043037.D

Acq: 4 Oct 2019 20:50

Instrument :

BNA_G

ClientSampleId :

MW-103S

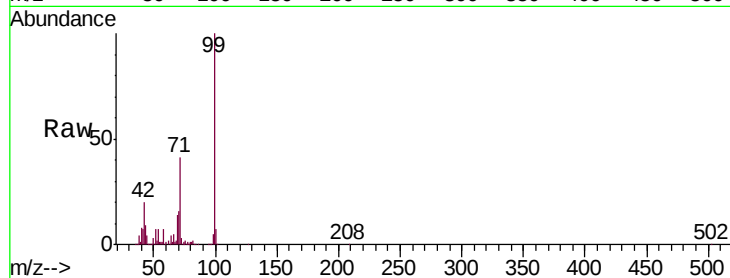
Tgt Ion: 99 Resp: 321243

Ion Ratio Lower Upper

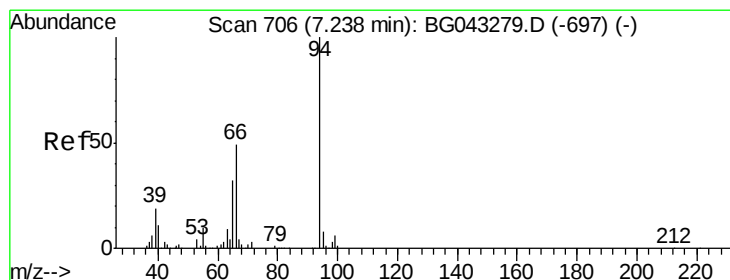
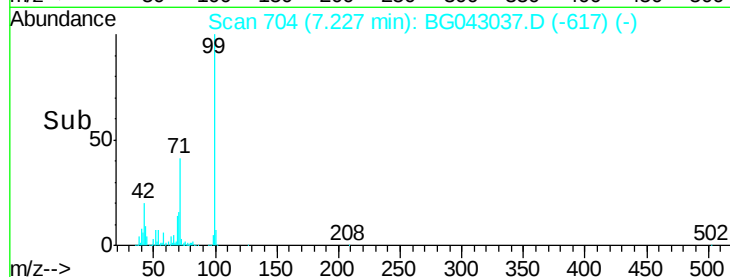
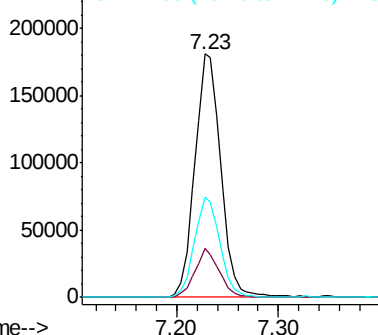
99 100

42 20.1 17.2 25.8

71 41.2 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: 7.342 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.02 min

Lab File: BG043037.D

Acq: 4 Oct 2019 20:50

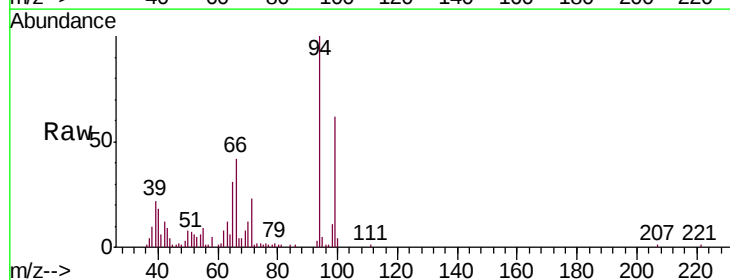
Tgt Ion: 94 Resp: 41545

Ion Ratio Lower Upper

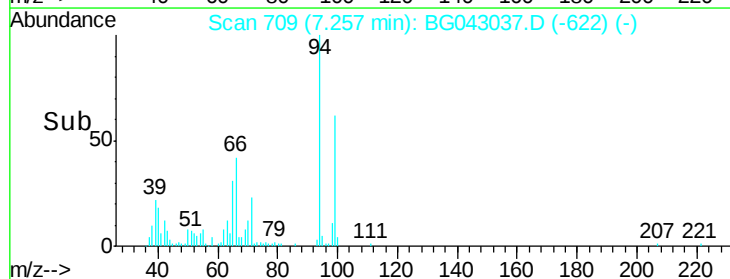
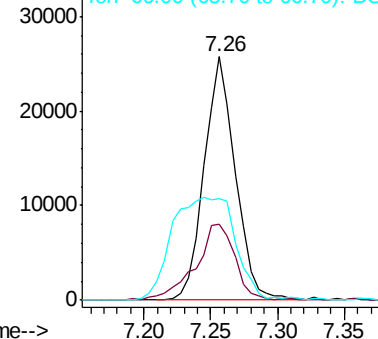
94 100

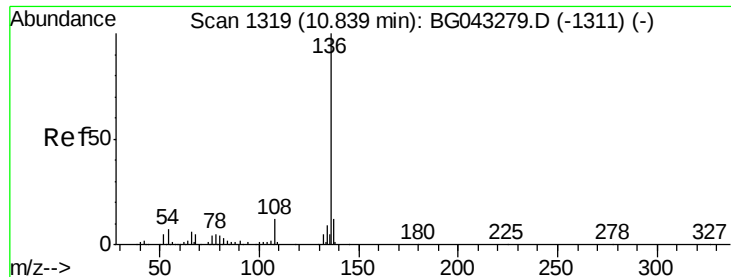
65 31.2 16.6 56.6

66 41.6 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

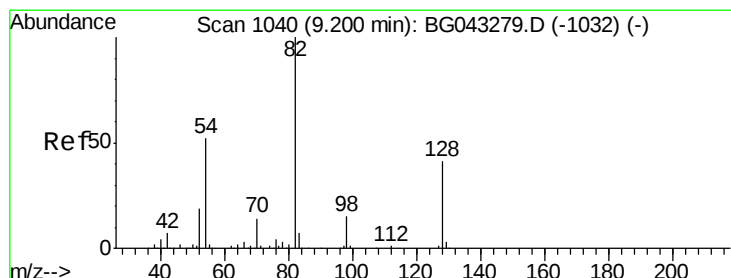
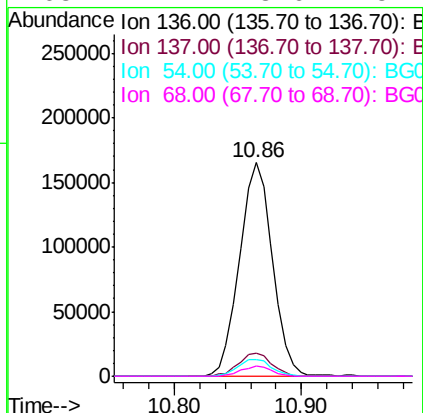
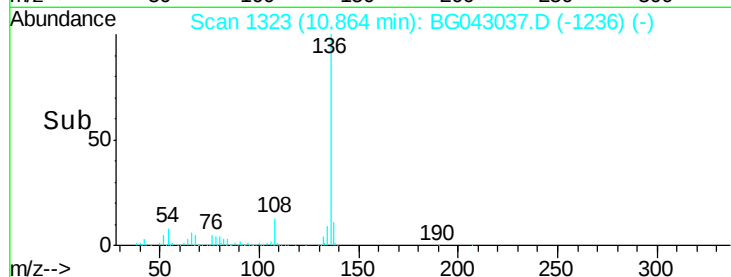
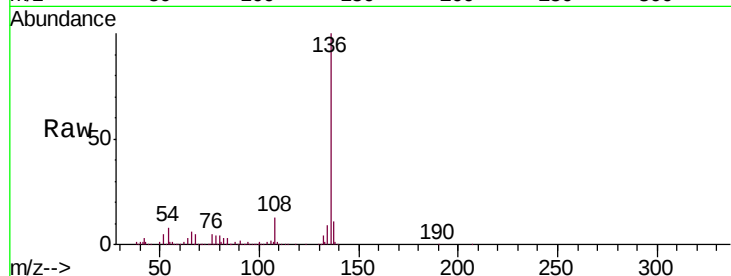




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043037.D
Acq: 4 Oct 2019 20:50

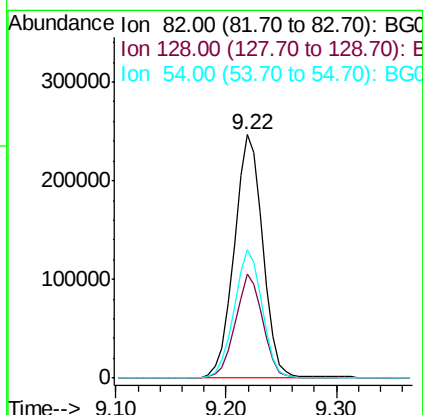
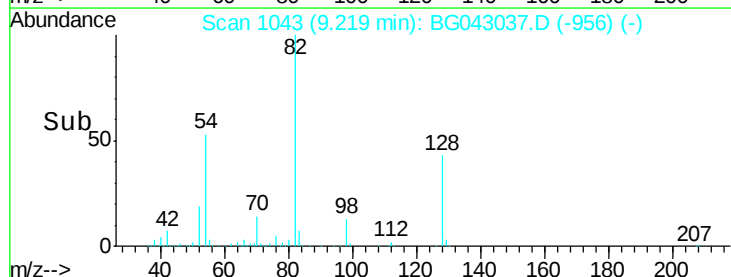
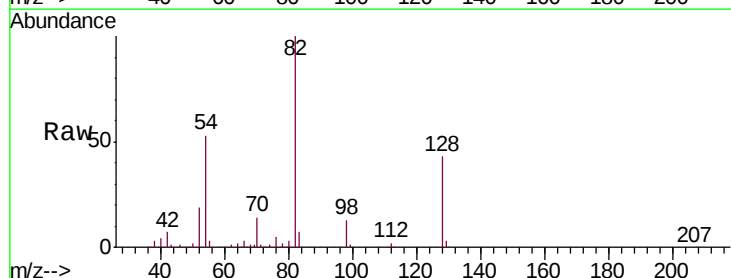
Instrument :
BNA_G
ClientSampleId :
MW-103S

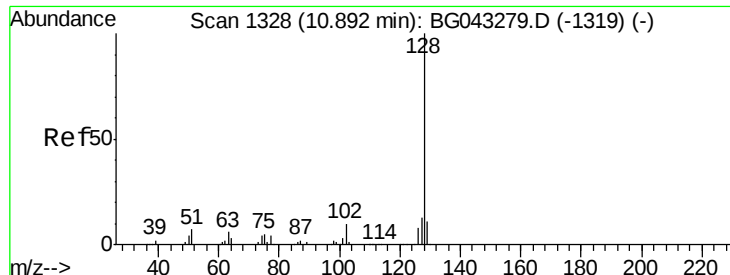
Tgt Ion:	136	Resp:	298058
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	8.0	7.4	11.2
68	4.7	3.6	5.4



#23
Nitrobenzene-d5
Concen: 73.186 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BG043037.D
Acq: 4 Oct 2019 20:50

Tgt Ion:	82	Resp:	448794
Ion	Ratio	Lower	Upper
82	100		
128	42.5	29.5	44.3
54	52.8	44.6	67.0

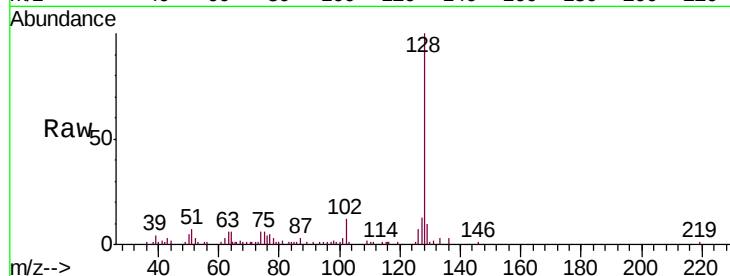




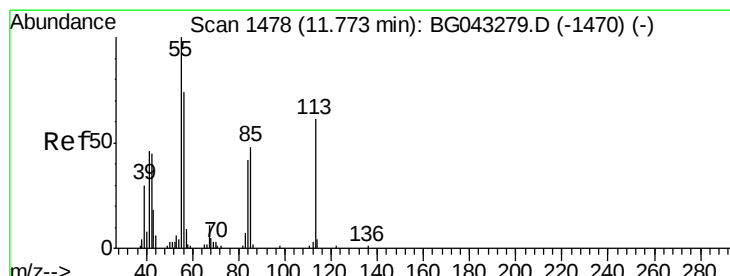
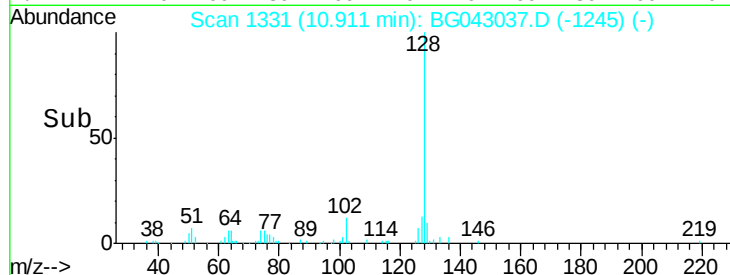
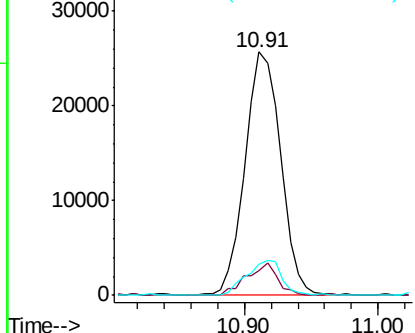
#31
Naphthalene
Concen: 3.234 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BG043037.D
Acq: 4 Oct 2019 20:50

Instrument :
BNA_G
ClientSampleId :
MW-103S

Tgt Ion:128 Resp: 47453
Ion Ratio Lower Upper
128 100
129 10.3 8.8 13.2
127 12.6 11.3 16.9

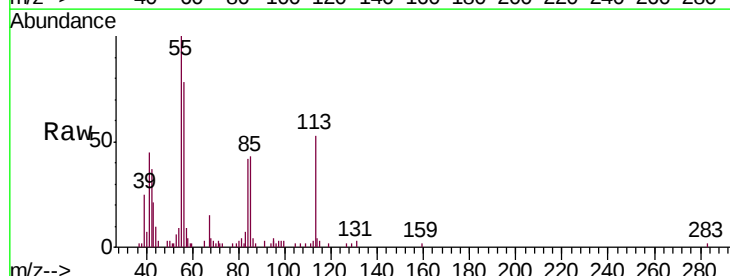


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

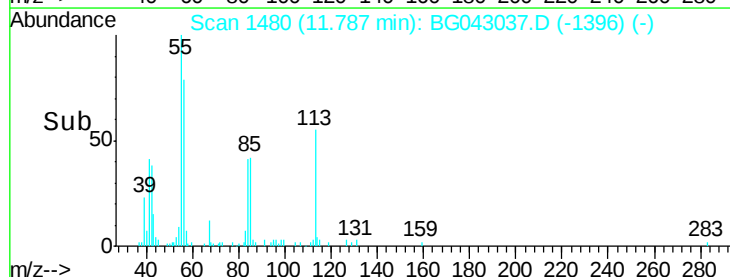
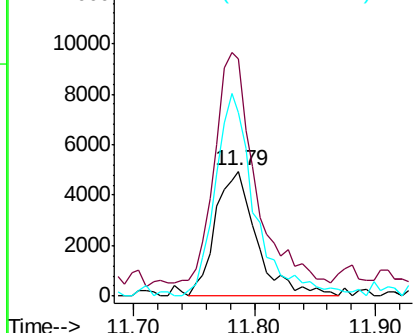


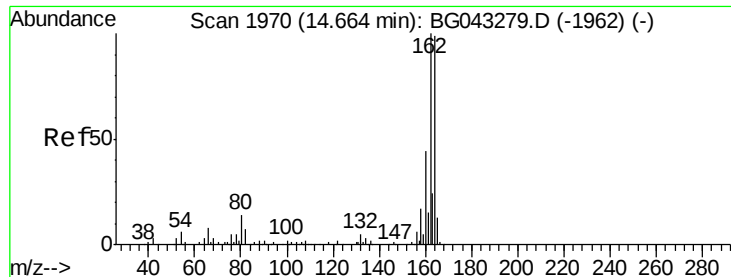
#35
Caprolactam
Concen: 6.996 ng
RT: 11.79 min Scan# 1480
Delta R.T. -0.03 min
Lab File: BG043037.D
Acq: 4 Oct 2019 20:50

Tgt Ion:113 Resp: 11733
Ion Ratio Lower Upper
113 100
55 189.2 175.5 215.5
56 146.8 142.3 182.3



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: BG043037.D

Acq: 4 Oct 2019 20:50

Instrument :

BNA_G

ClientSampleId :

MW-103S

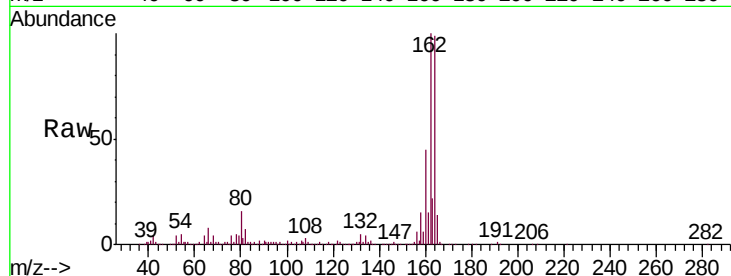
Tgt Ion:164 Resp: 205570

Ion Ratio Lower Upper

164 100

162 101.0 78.5 117.7

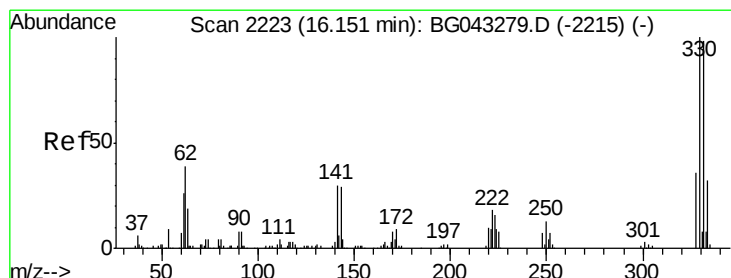
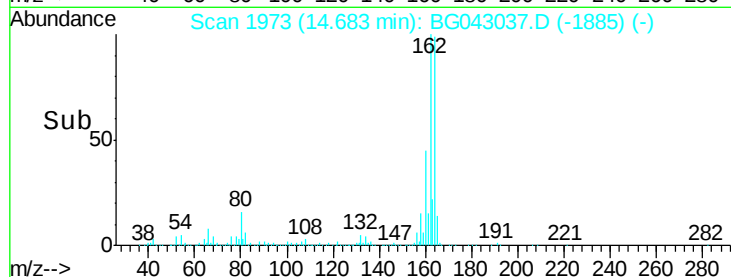
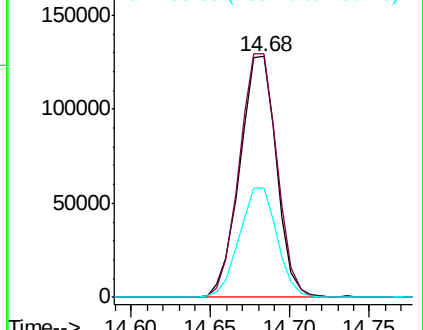
160 45.5 35.9 53.9



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: 116.219 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG043037.D

Acq: 4 Oct 2019 20:50

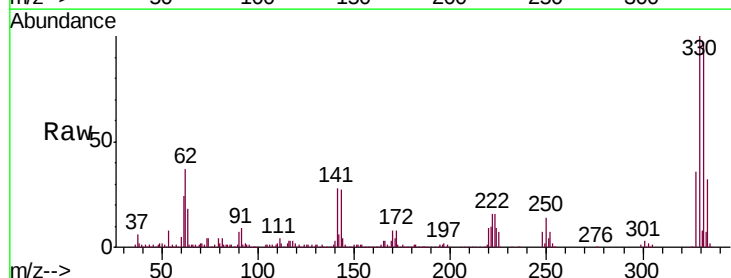
Tgt Ion:330 Resp: 410823

Ion Ratio Lower Upper

330 100

332 95.4 78.2 117.2

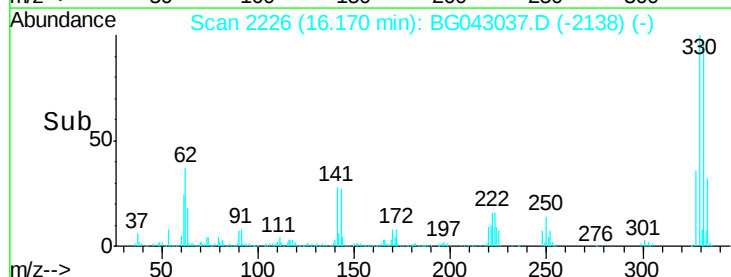
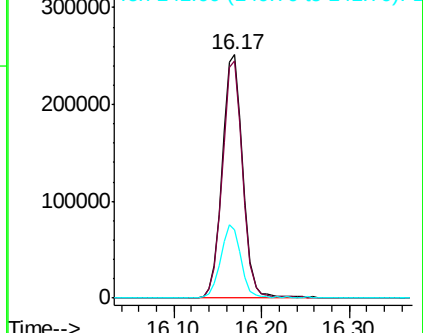
141 29.4 26.0 39.0

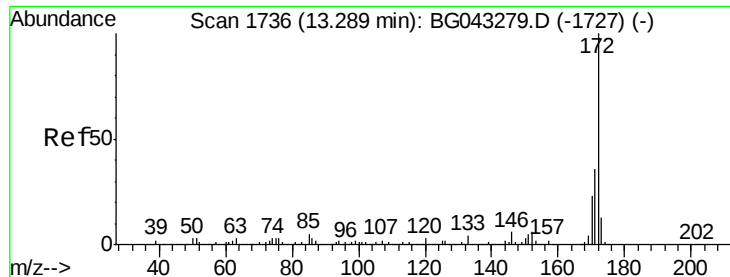


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

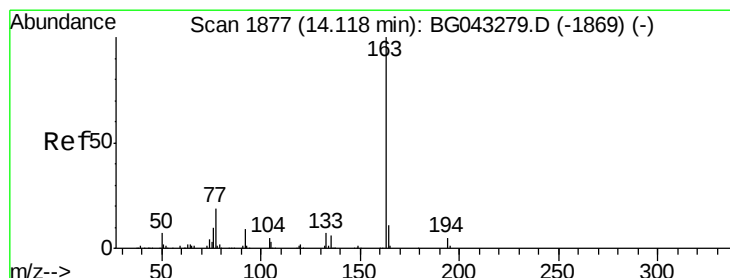
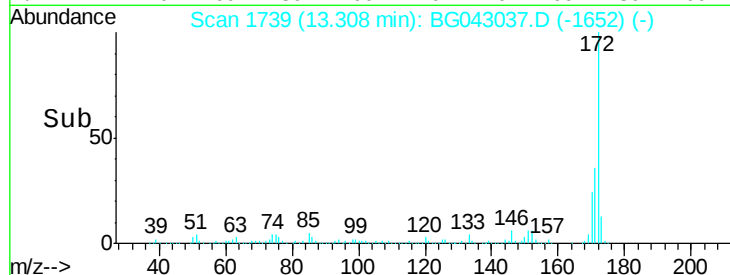
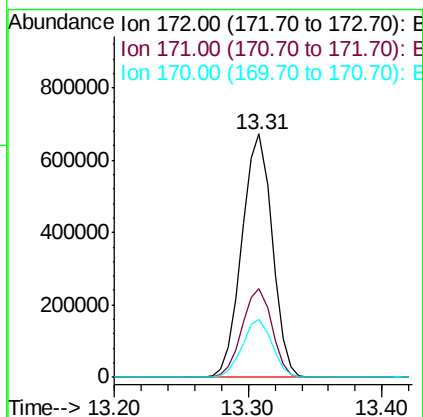
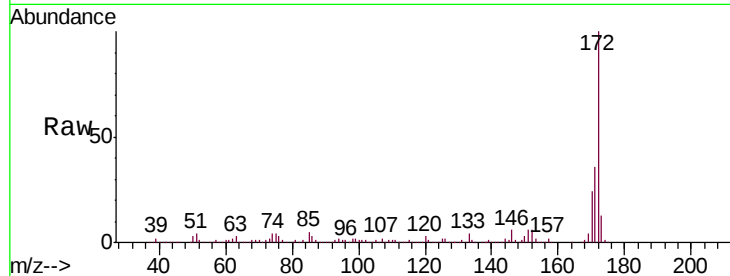




#45
 2-Fluorobiphenyl
 Concen: 74.511 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG043037.D
 Acq: 4 Oct 2019 20:50

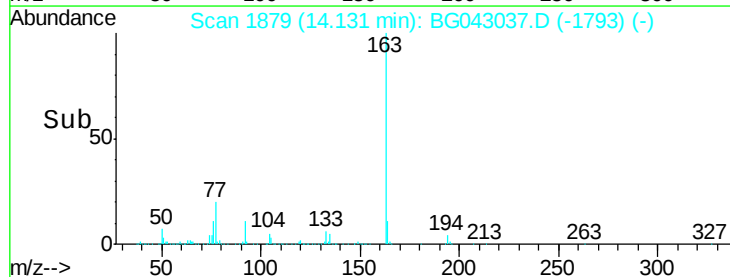
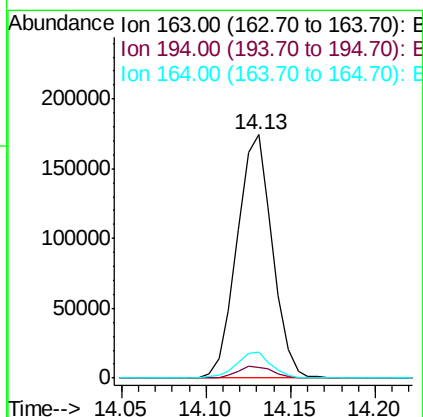
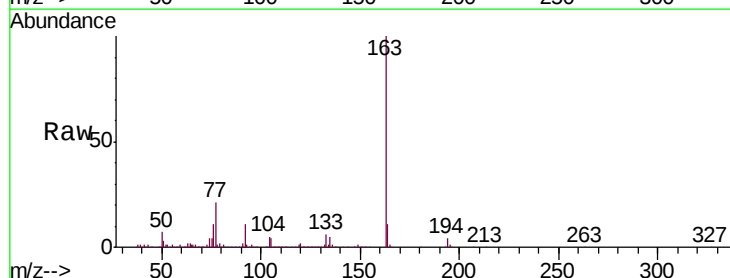
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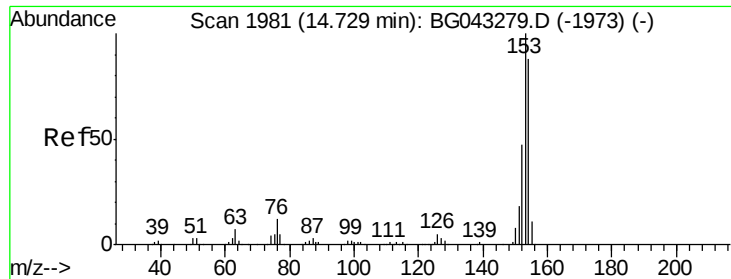
Tgt Ion:172 Resp: 1056574
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.7 19.6 29.4



#50
 Dimethylphthalate
 Concen: 16.470 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.02 min
 Lab File: BG043037.D
 Acq: 4 Oct 2019 20:50

Tgt Ion:163 Resp: 253688
 Ion Ratio Lower Upper
 163 100
 194 4.4 4.4 6.6#
 164 10.6 8.6 12.8





#52

Acenaphthene

Concen: 5.511 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BG043037.D

Acq: 4 Oct 2019 20:50

Instrument :

BNA_G

ClientSampleId :

MW-103S

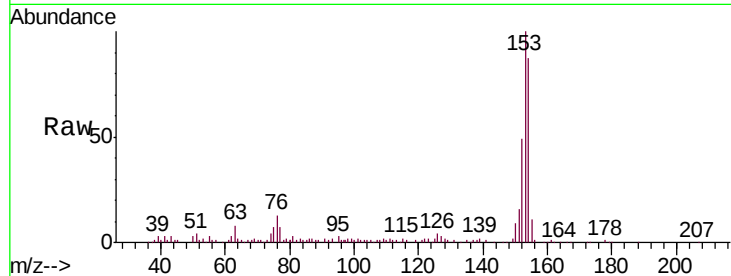
Tgt Ion:154 Resp: 65970

Ion Ratio Lower Upper

154 100

153 115.3 91.4 137.0

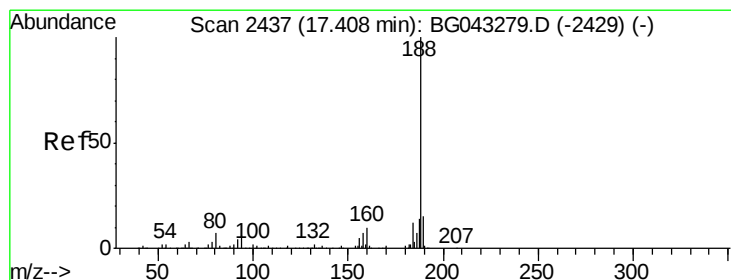
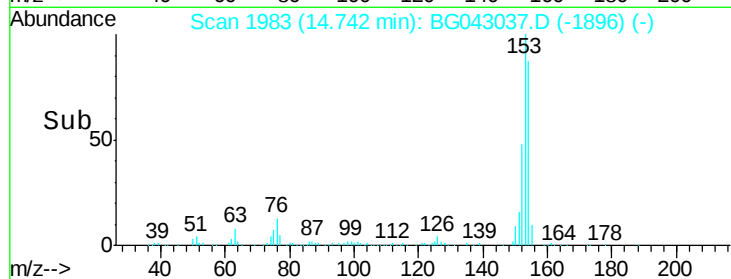
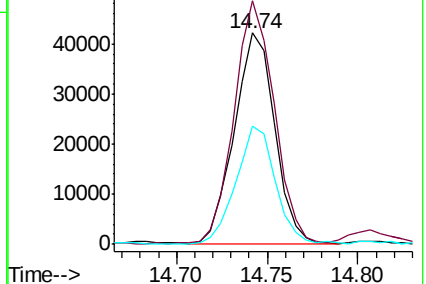
152 56.0 42.8 64.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.02 min

Lab File: BG043037.D

Acq: 4 Oct 2019 20:50

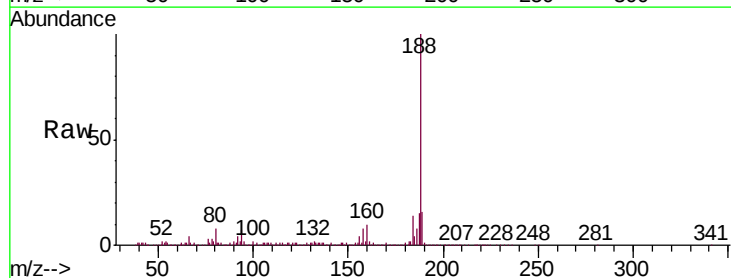
Tgt Ion:188 Resp: 457926

Ion Ratio Lower Upper

188 100

94 6.7 5.7 8.5

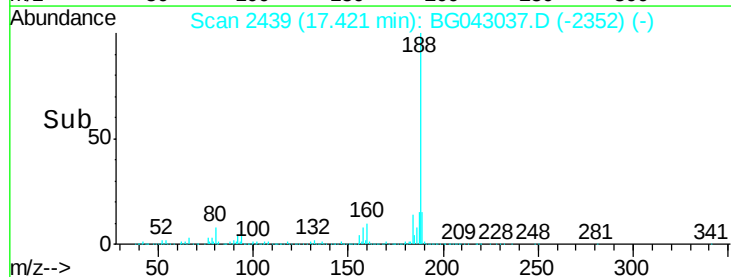
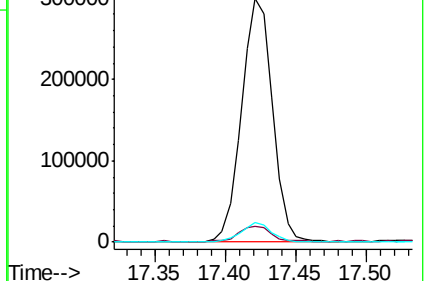
80 7.9 6.5 9.7

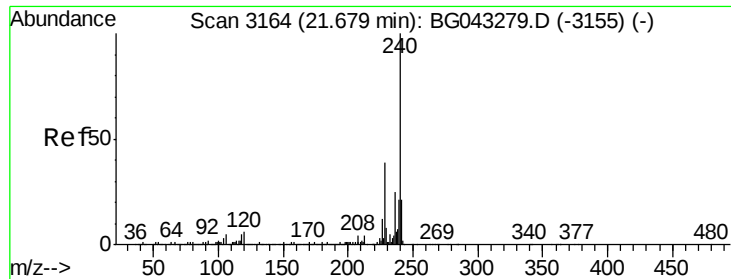


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.69 min Scan# 3166

Delta R.T. -0.02 min

Lab File: BG043037.D

Acq: 4 Oct 2019 20:50

Instrument :

BNA_G

ClientSampleId :

MW-103S

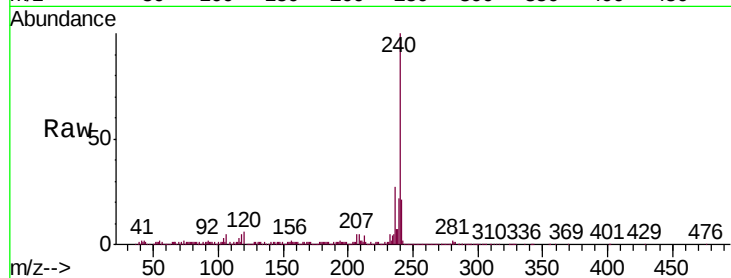
Tgt Ion:240 Resp: 510447

Ion Ratio Lower Upper

240 100

120 5.9 4.8 7.2

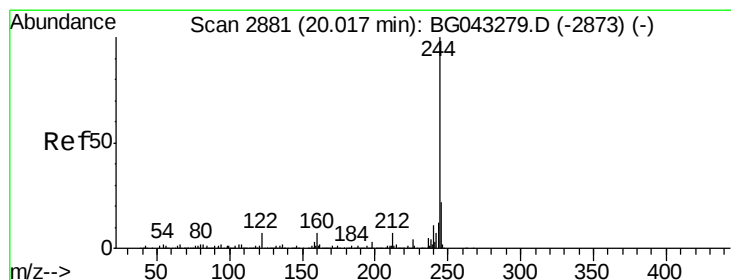
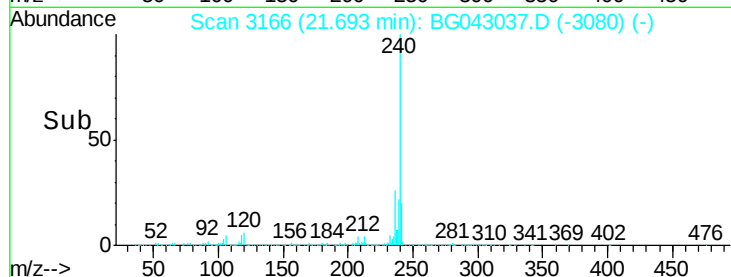
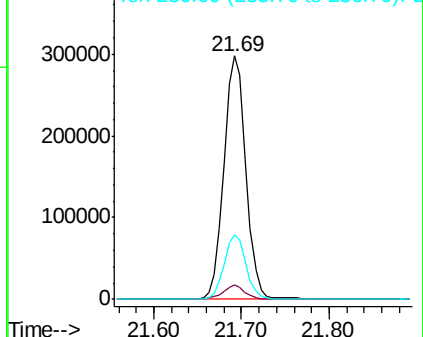
236 26.6 21.4 32.0



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



#79

Terphenyl-d14

Concen: 77.618 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043037.D

Acq: 4 Oct 2019 20:50

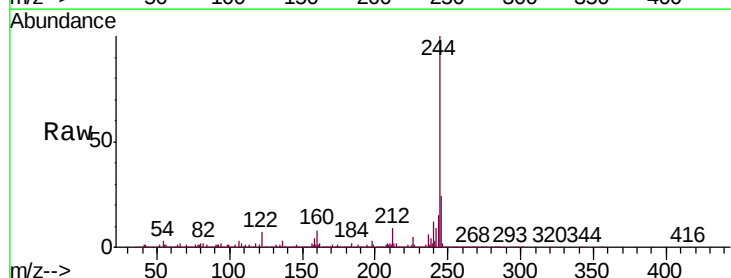
Tgt Ion:244 Resp: 1859315

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.0

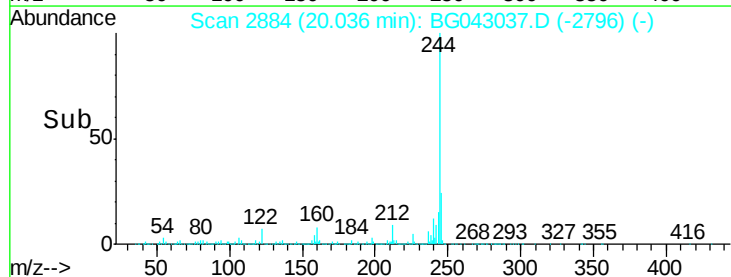
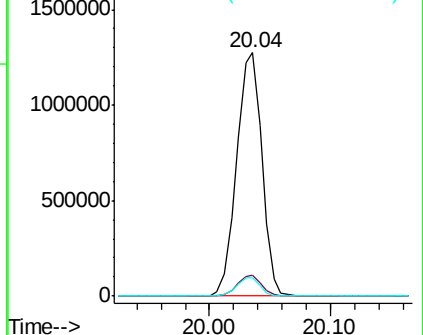
122 7.4 7.0 10.4

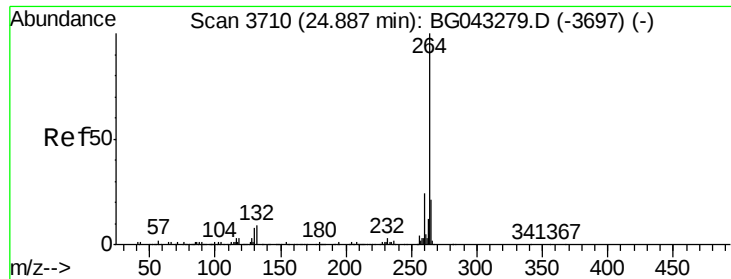


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3714
Delta R.T. -0.05 min
Lab File: BG043037.D
Acq: 4 Oct 2019 20:50

Instrument :
BNA_G
ClientSampleId :
MW-103S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.5	17.7	26.5

