

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041041.D
 Acq On : 3 Jun 2019 19:25
 Operator : HP/JU
 Sample : K3097-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0437-HR-17(HACKENSACK)

Quant Time: Jun 04 09:44:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

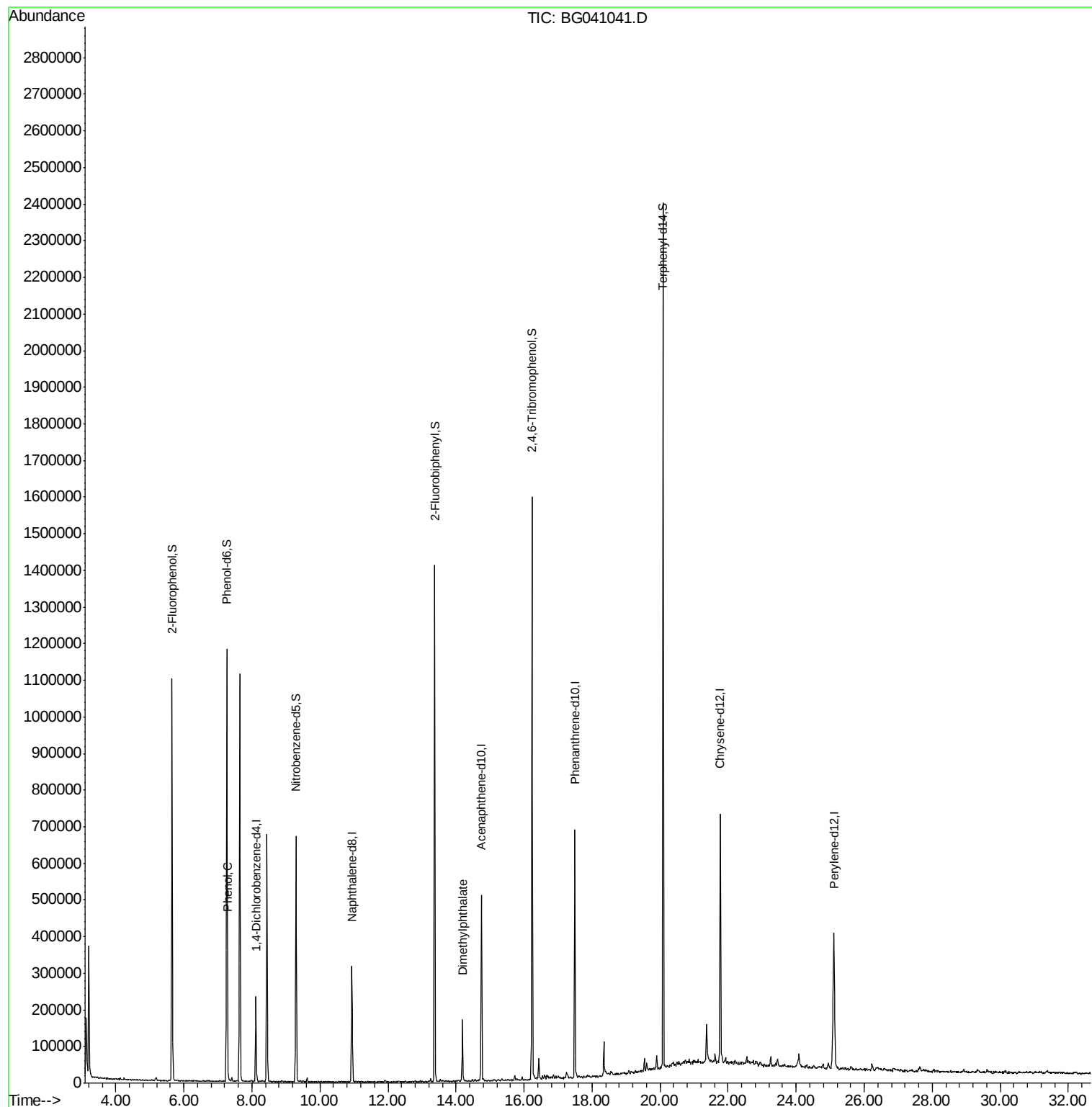
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	61315	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	243135	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	172944	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	419574	20.00	ng	-0.01
76) Chrysene-d12	21.77	240	421083	20.00	ng	-0.02
87) Perylene-d12	25.11	264	450545	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	406890	119.66	ng	0.00
7) Phenol-d6	7.26	99	605118	115.23	ng	0.00
23) Nitrobenzene-d5	9.29	82	406912	74.30	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	293179	114.19	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	691594	57.59	ng	-0.01
79) Terphenyl-d14	20.09	244	1093718	55.13	ng	-0.01
Target Compounds						
10) Phenol	7.29	94	21224	3.769	ng	86
50) Dimethylphthalate	14.19	163	100804	6.886	ng	98

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

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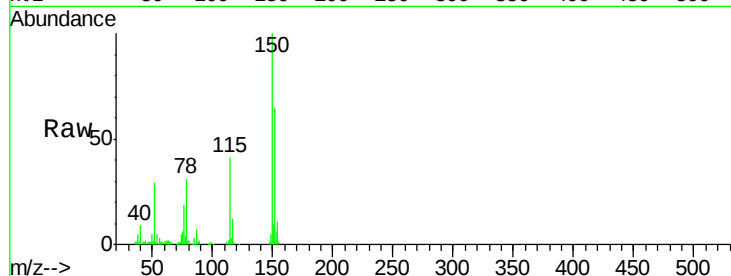


#1

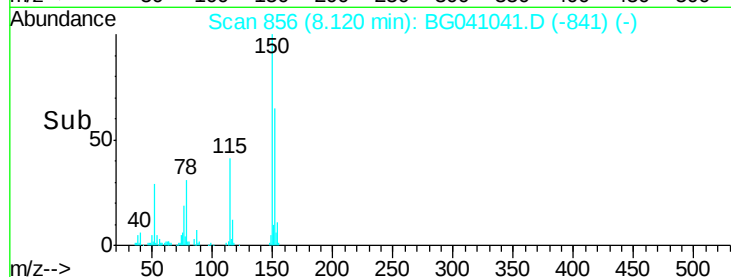
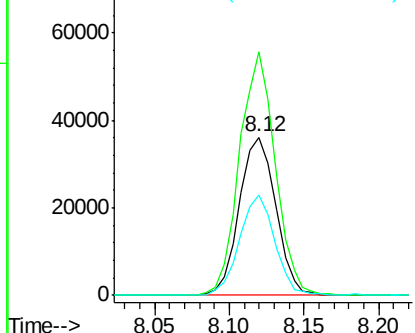
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG041041.D
Acq: 3 Jun 2019 19:25

Instrument :
BNA_G
ClientSampleId :
0437-HR-17(HACKENSACK)

Tot Ion:152 Resp: 61315
Ion Ratio Lower Upper
152 100
150 153.9 120.6 180.8
115 63.1 45.1 67.7



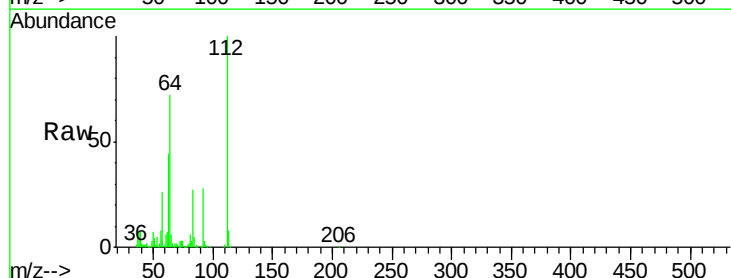
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



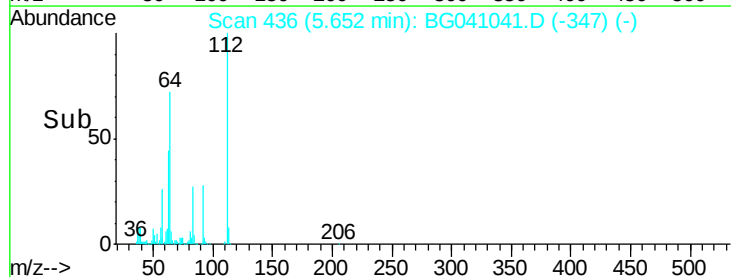
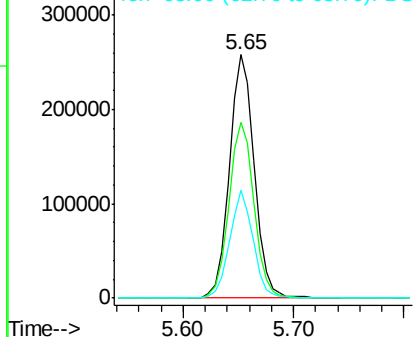
#5

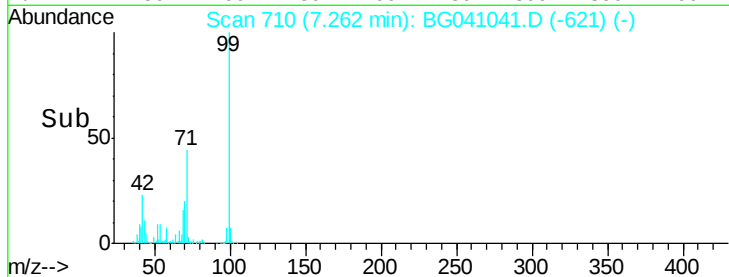
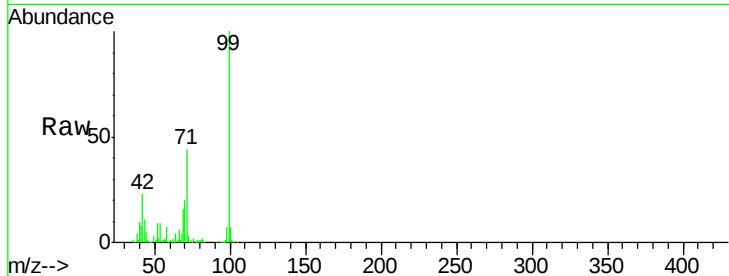
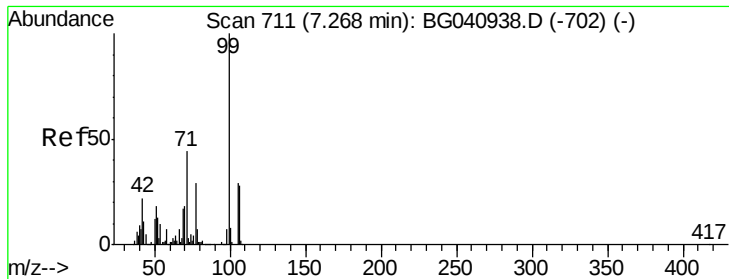
2-Fluorophenol
Concen: 119.662 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG041041.D
Acq: 3 Jun 2019 19:25

Tgt Ion:112 Resp: 406890
Ion Ratio Lower Upper
112 100
64 72.4 56.2 84.2
63 44.3 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 115.229 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041041.D

Acq: 3 Jun 2019 19:25

Instrument :

BNA_G

ClientSampleId :

0437-HR-17(HACKENSACK)

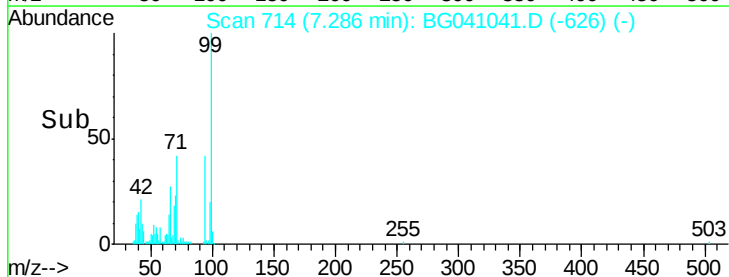
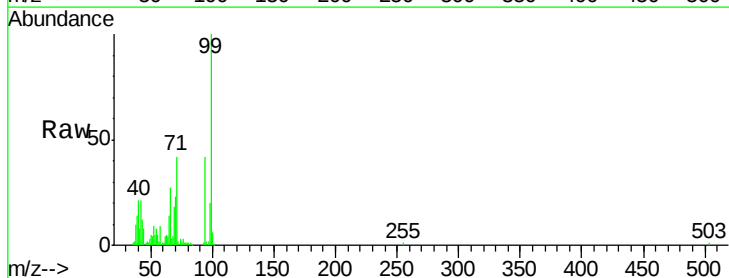
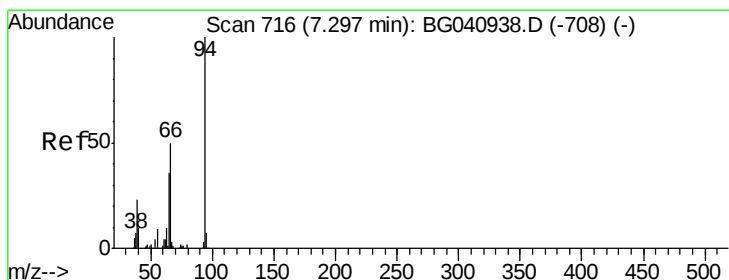
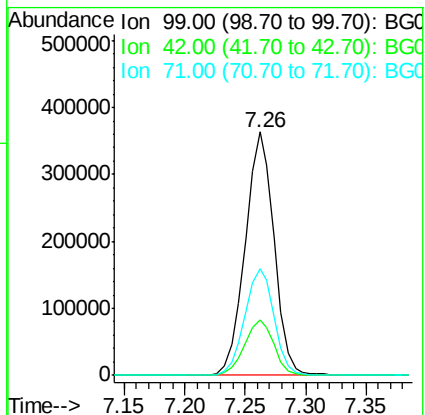
Tot Ion: 99 Resp: 605118

Ion Ratio Lower Upper

99 100

42 22.8 17.9 26.9

71 44.0 35.4 53.0



#10

Phenol

Concen: 3.769 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG041041.D

Acq: 3 Jun 2019 19:25

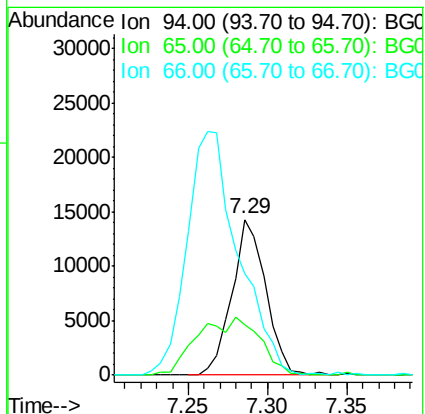
Tgt Ion: 94 Resp: 21224

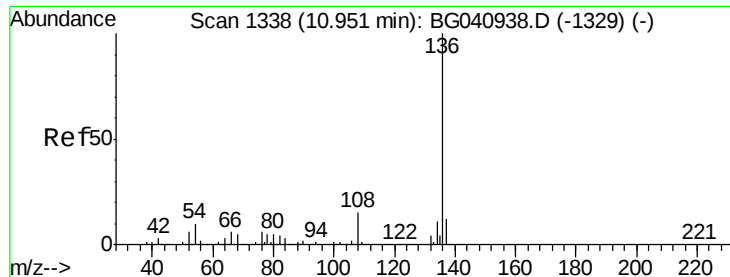
Ion Ratio Lower Upper

94 100

65 32.6 17.0 57.0

66 65.0 32.4 72.4

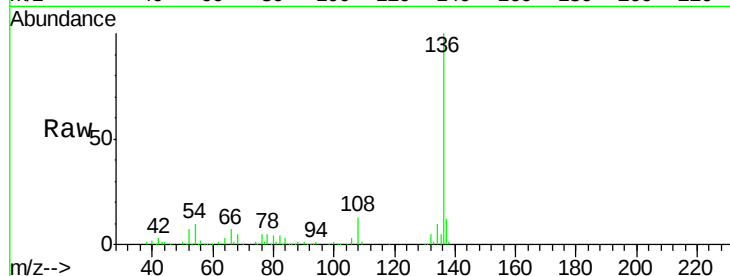




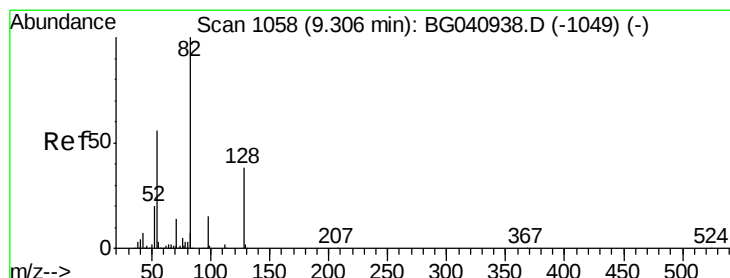
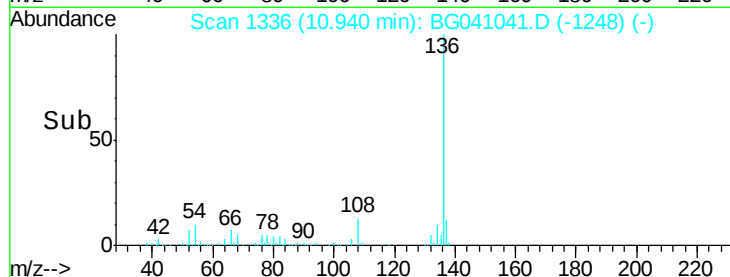
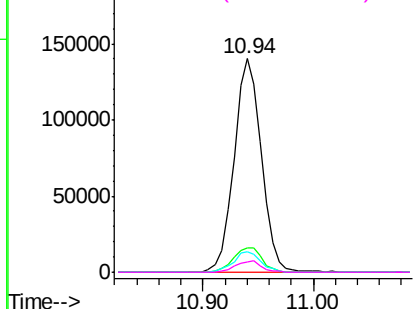
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG041041.D
Acq: 3 Jun 2019 19:25

Instrument :
BNA_G
ClientSampleId :
0437-HR-17(HACKENSACK)

Tot Ion:136	Resp:	243135
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.5 14.3
54	9.6	7.6 11.4
68	5.0	3.9 5.9

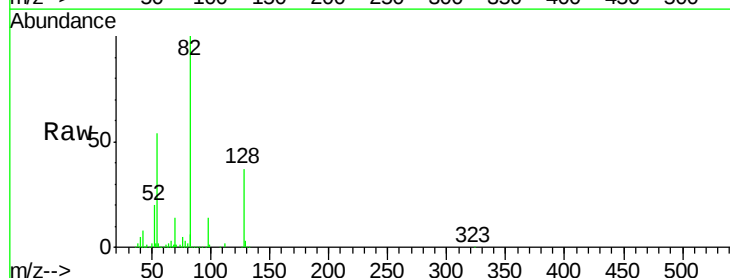


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

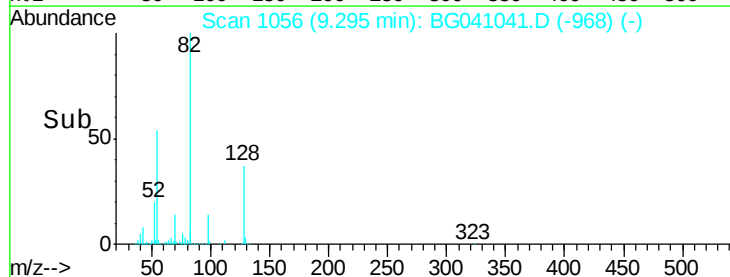
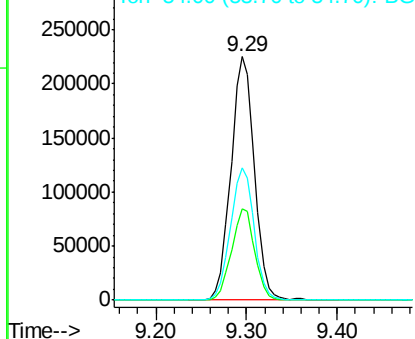


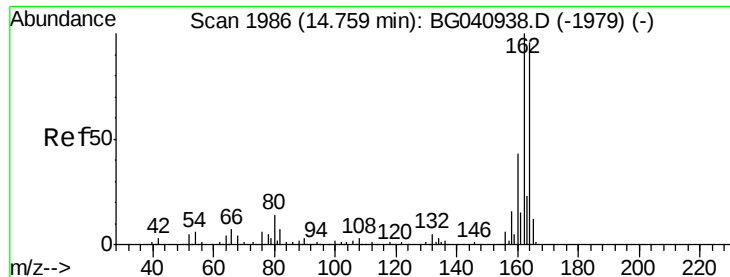
#23
Nitrobenzene-d5
Concen: 74.297 ng
RT: 9.29 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BG041041.D
Acq: 3 Jun 2019 19:25

Tgt Ion: 82	Resp:	406912
Ion Ratio	Lower	Upper
82	100	
128	37.3	30.5 45.7
54	54.4	44.6 66.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG041041.D

Acq: 3 Jun 2019 19:25

Instrument :

BNA_G

ClientSampleId :

0437-HR-17(HACKENSACK)

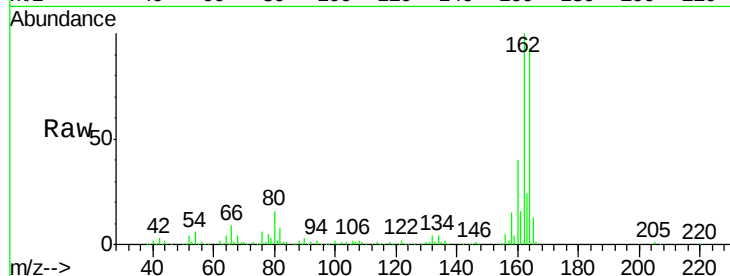
Tot Ion:164 Resp: 172944

Ion Ratio Lower Upper

164 100

162 107.5 83.0 124.4

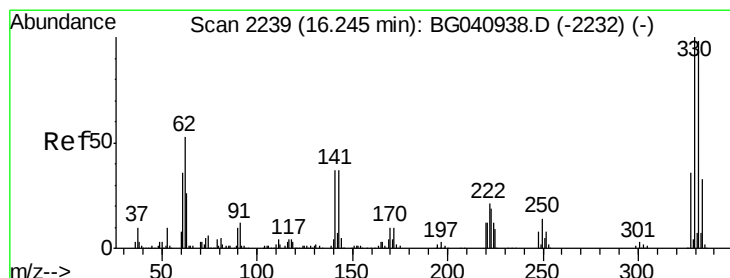
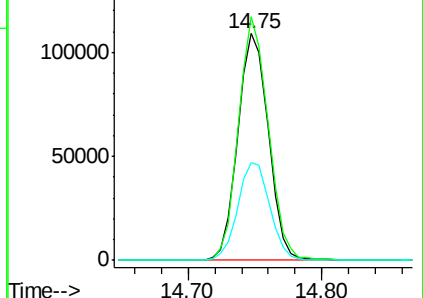
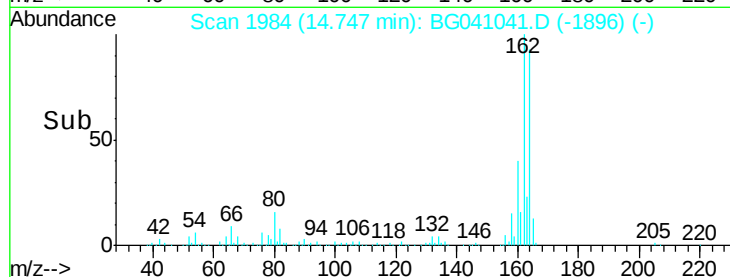
160 43.1 35.6 53.4



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: 114.190 ng

RT: 16.23 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BG041041.D

Acq: 3 Jun 2019 19:25

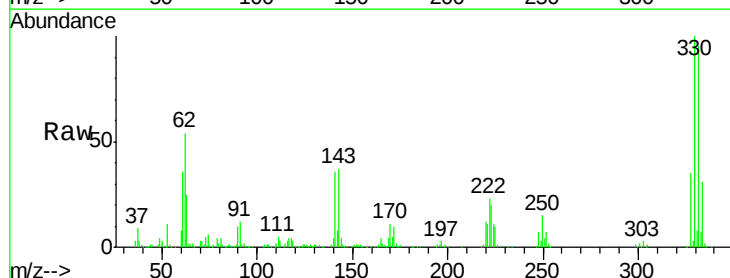
Tgt Ion:330 Resp: 293179

Ion Ratio Lower Upper

330 100

332 95.3 78.5 117.7

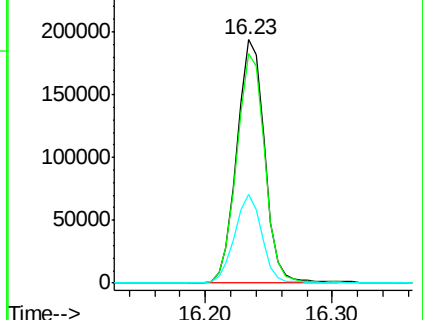
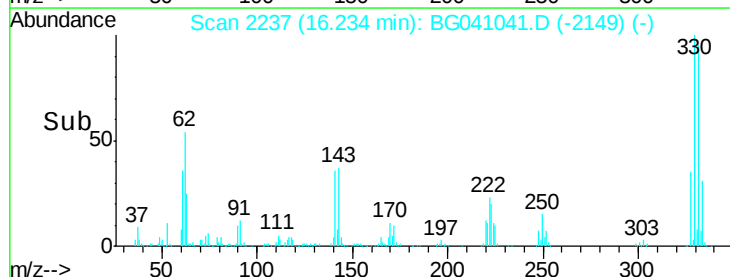
141 36.1 28.7 43.1

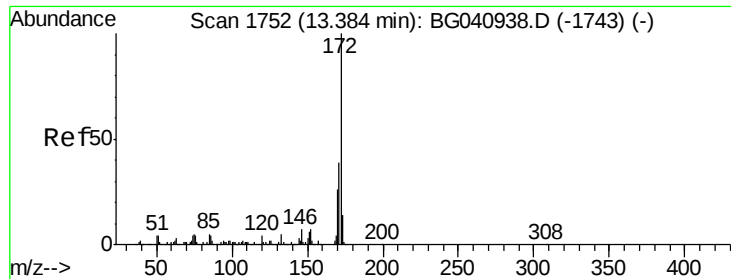


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

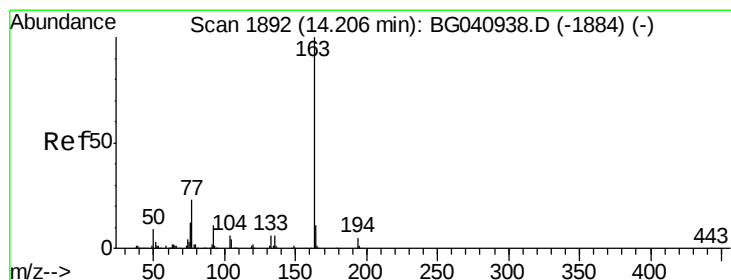
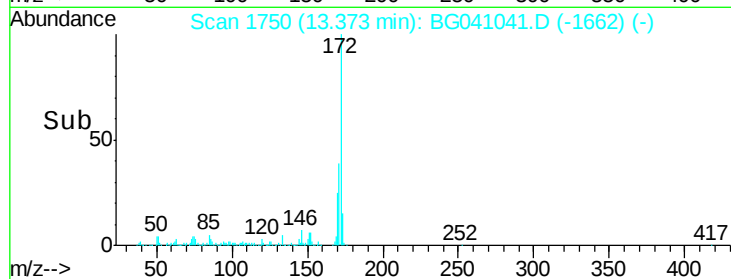
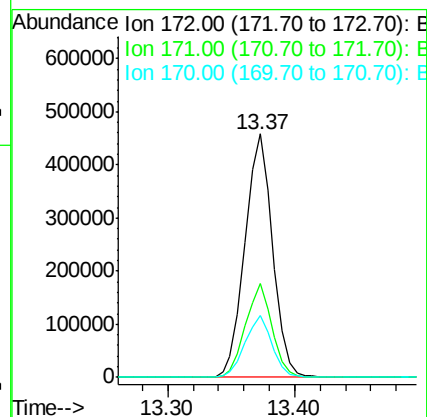
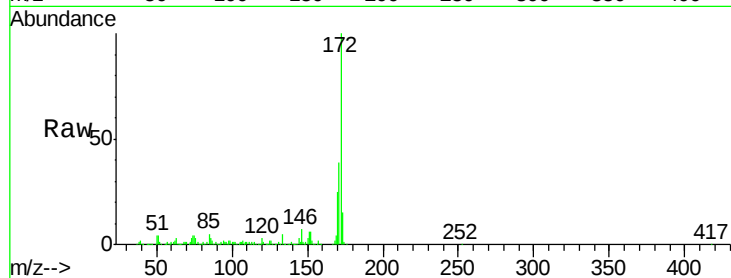




#45
2-Fluorobiphenyl
Concen: 57.589 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG041041.D
Acq: 3 Jun 2019 19:25

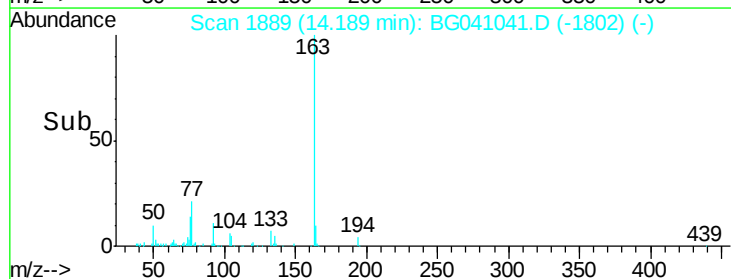
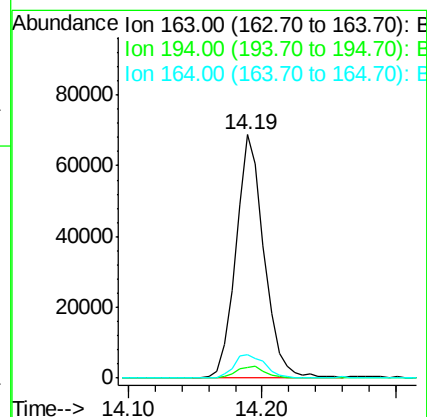
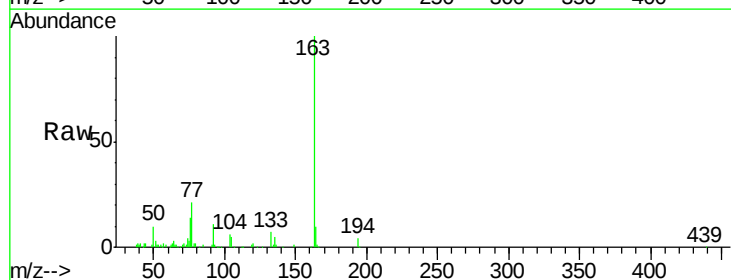
Instrument :
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0437-HR-17(HACKENSACK)

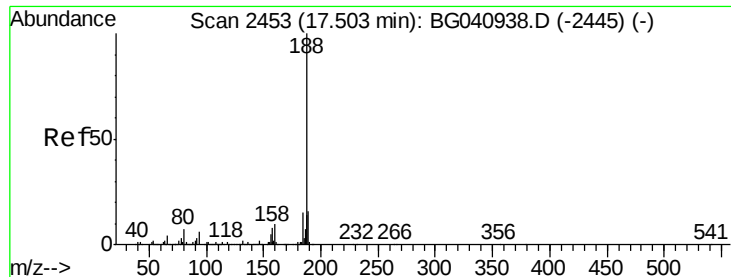
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.1	46.7
170	25.5	20.5	30.7



#50
Dimethylphthalate
Concen: 6.886 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.02 min
Lab File: BG041041.D
Acq: 3 Jun 2019 19:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.8	5.8
164	9.8	8.7	13.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG041041.D

Acq: 3 Jun 2019 19:25

Instrument :

BNA_G

ClientSampleId :

0437-HR-17(HACKENSACK)

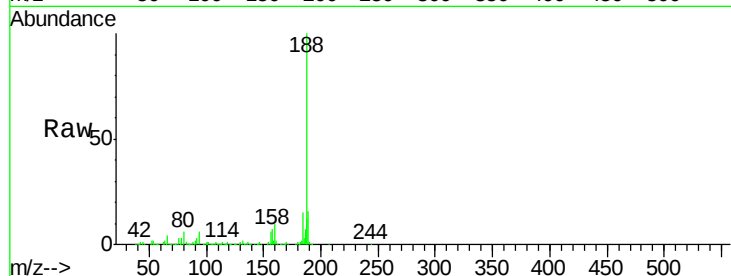
Tot Ion:188 Resp: 419574

Ion Ratio Lower Upper

188 100

94 5.6 4.7 7.1

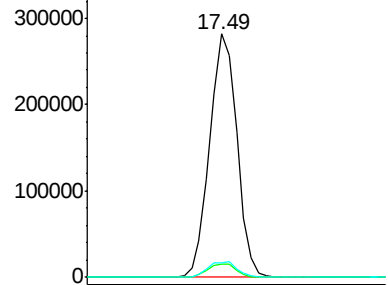
80 6.2 5.8 8.8



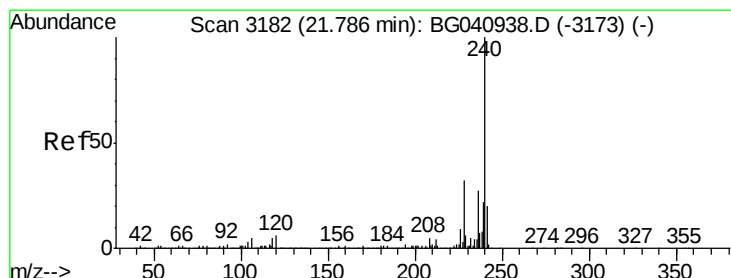
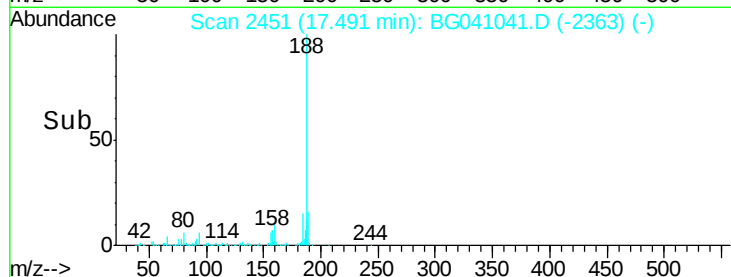
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.40 17.50 17.60



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.02 min

Lab File: BG041041.D

Acq: 3 Jun 2019 19:25

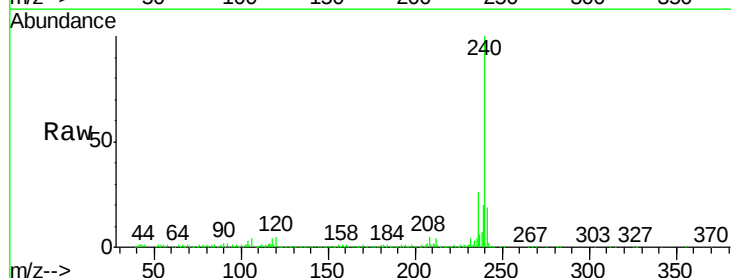
Tgt Ion:240 Resp: 421083

Ion Ratio Lower Upper

240 100

120 5.4 4.5 6.7

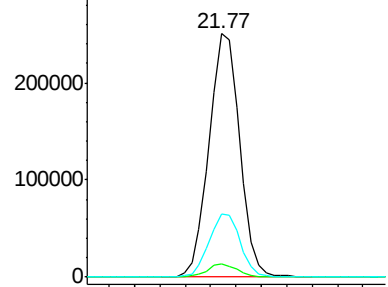
236 26.0 21.3 31.9



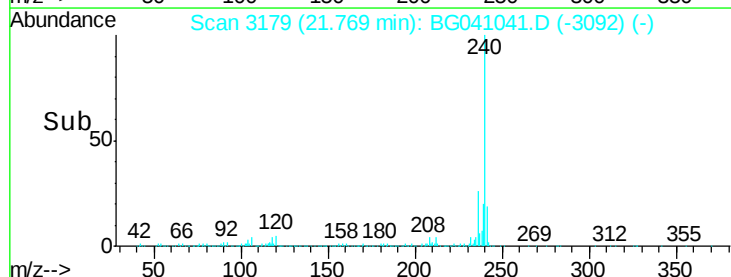
Abundance Ion 240.00 (239.70 to 240.70): E

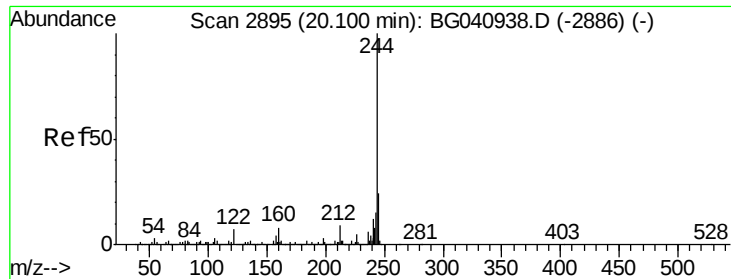
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.70 21.80





#79

Terphenyl-d14

Concen: 55.126 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG041041.D

Acq: 3 Jun 2019 19:25

Instrument :

BNA_G

ClientSampleId :

0437-HR-17(HACKENSACK)

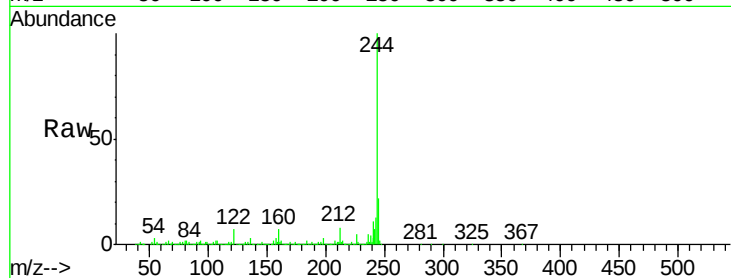
Tot Ion:244 Resp: 1093718

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.4

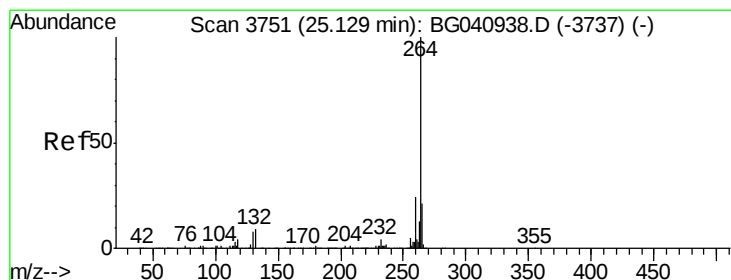
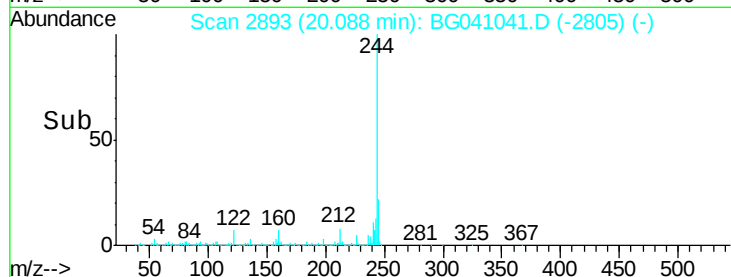
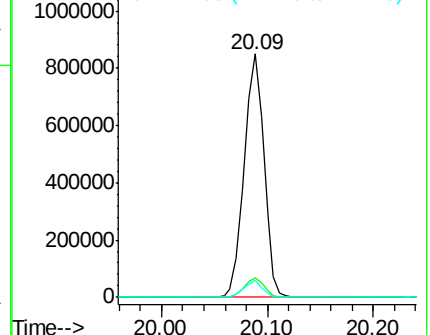
122 6.9 5.4 8.0



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: 25.11 min Scan# 3748

Delta R.T. -0.02 min

Lab File: BG041041.D

Acq: 3 Jun 2019 19:25

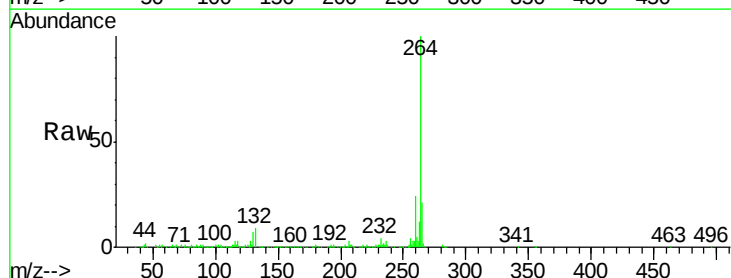
Tgt Ion:264 Resp: 450545

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.4

265 21.2 17.0 25.4



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

