

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060119\
 Data File : BG041022.D
 Acq On : 1 Jun 2019 21:15
 Operator : HP/JU
 Sample : K3097-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0422-HR-2(HACKENSACK)

Quant Time: Jun 03 04:02:33 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

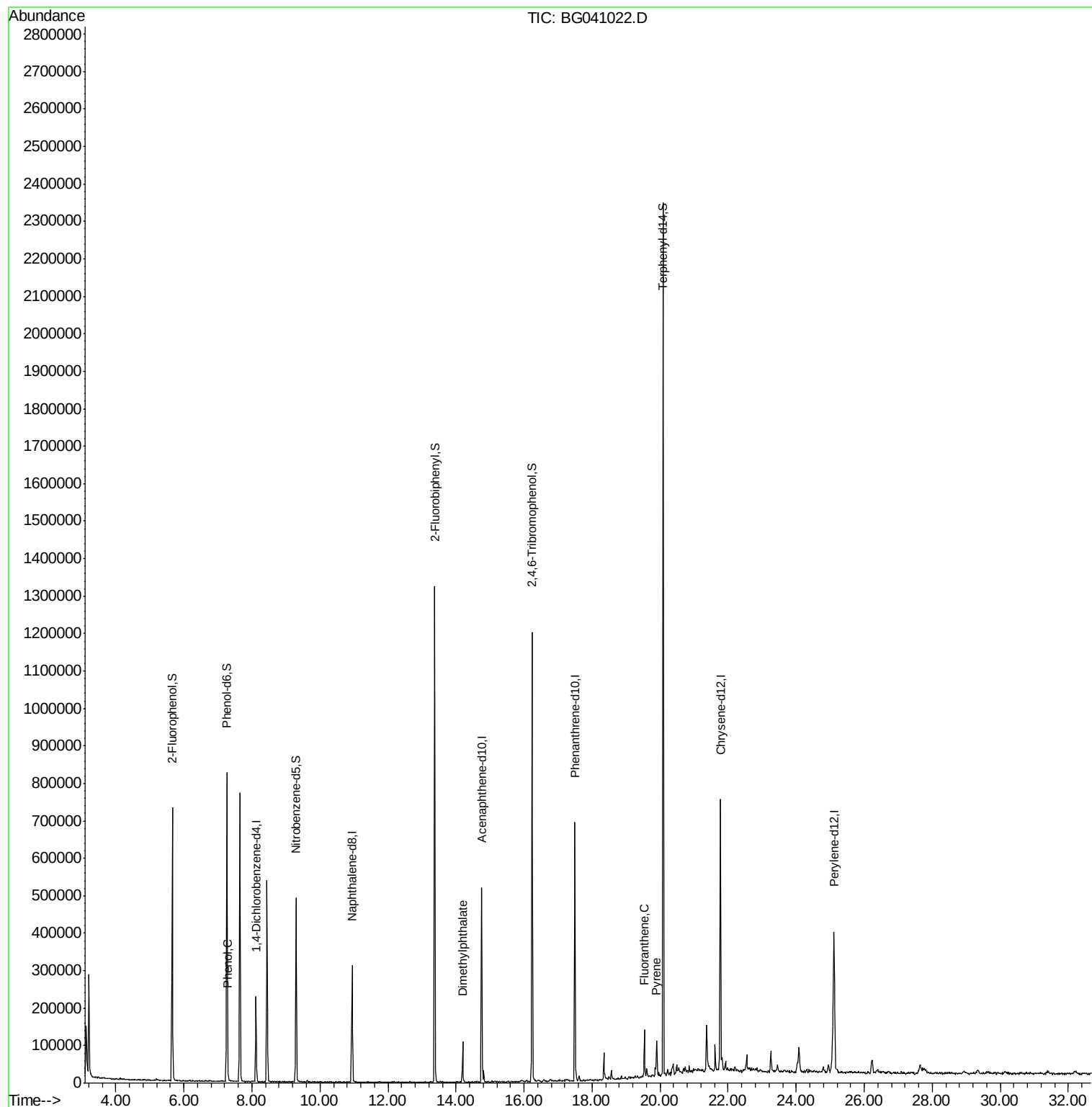
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	60260	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	248785	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	181630	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	438249	20.00	ng	0.00
76) Chrysene-d12	21.77	240	416839	20.00	ng	-0.01
87) Perylene-d12	25.10	264	444163	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	285267	85.36	ng	0.00
7) Phenol-d6	7.26	99	433098	83.92	ng	0.00
23) Nitrobenzene-d5	9.29	82	299354	53.42	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	222027	82.34	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	657012	52.09	ng	-0.01
79) Terphenyl-d14	20.09	244	1081753	55.08	ng	-0.01
Target Compounds						
10) Phenol	7.29	94	14344	2.592	ng	Qvalue 97
50) Dimethylphthalate	14.19	163	69506	4.521	ng	# 95
75) Fluoranthene	19.53	202	82510	2.926	ng	98
78) Pyrene	19.90	202	67416	2.488	ng	95

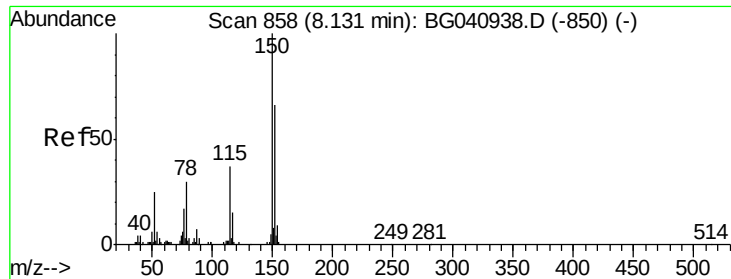
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



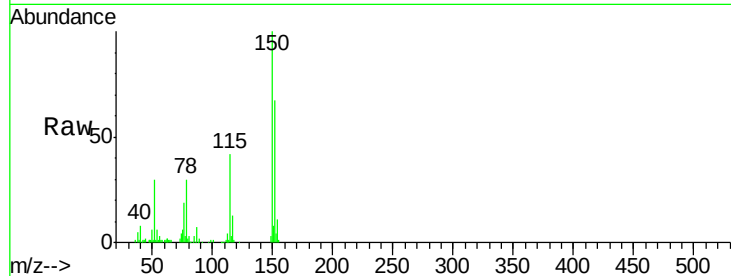


#1

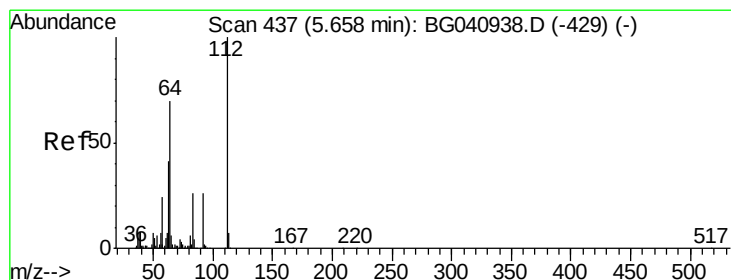
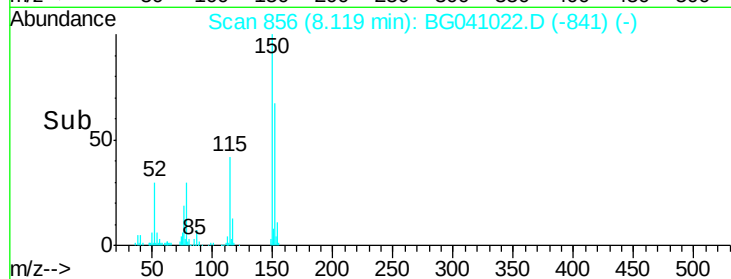
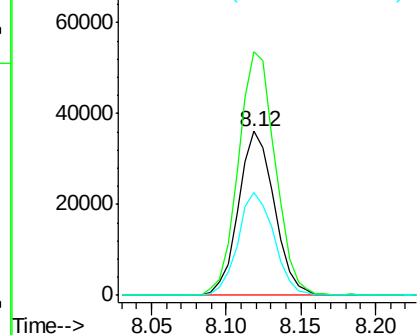
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG041022.D
Acq: 1 Jun 2019 21:15

Instrument :
BNA_G
ClientSampleId :
0422-HR-2(HACKENSACK)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.6	120.6	180.8
115	62.9	45.1	67.7



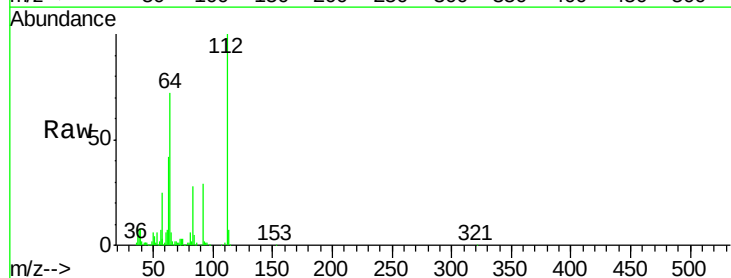
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



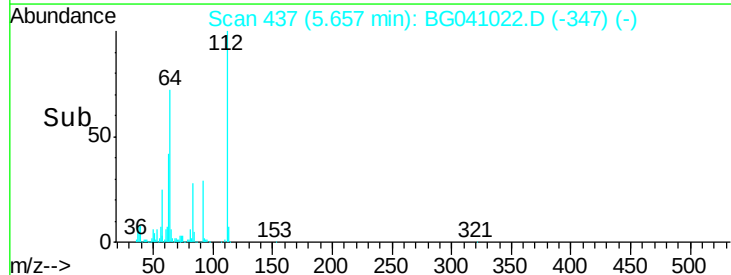
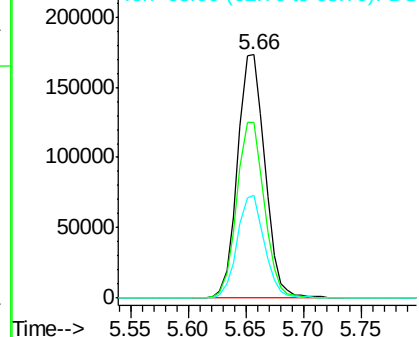
#5

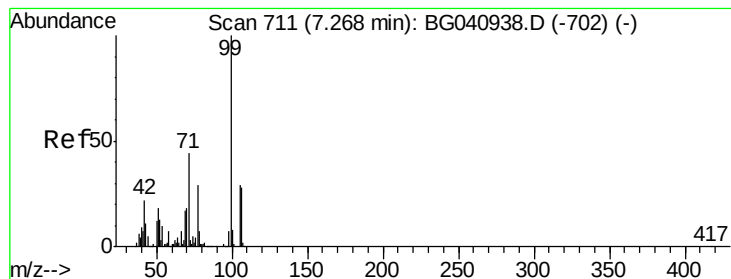
2-Fluorophenol
Concen: 85.363 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG041022.D
Acq: 1 Jun 2019 21:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.3	56.2	84.2
63	42.0	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: 83.916 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041022.D

Acq: 1 Jun 2019 21:15

Instrument :

BNA_G

ClientSampleId :

0422-HR-2(HACKENSACK)

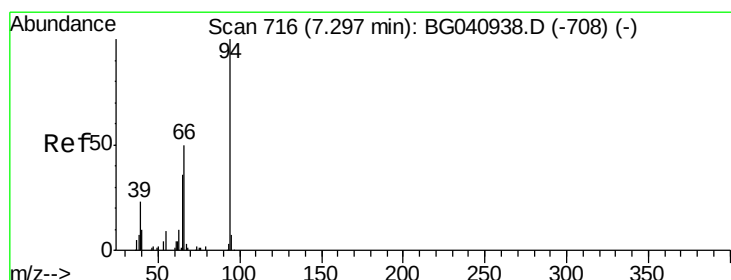
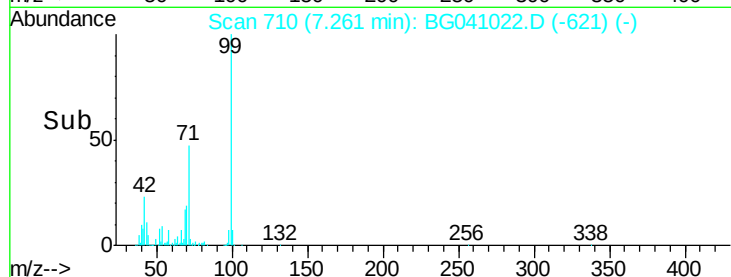
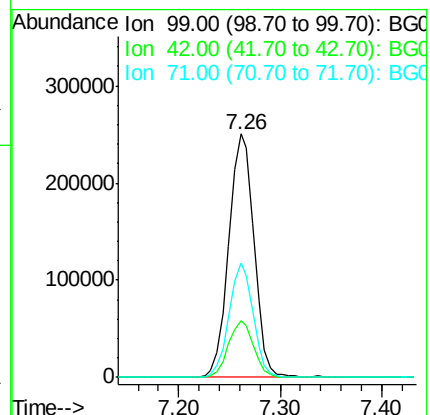
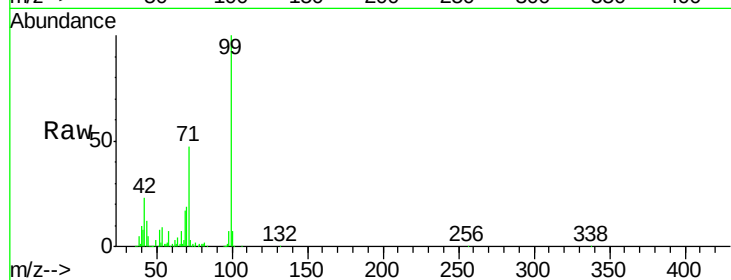
Tgt Ion: 99 Resp: 433098

Ion Ratio Lower Upper

99 100

42 23.2 17.9 26.9

71 47.1 35.4 53.0



#10

Phenol

Concen: 2.592 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG041022.D

Acq: 1 Jun 2019 21:15

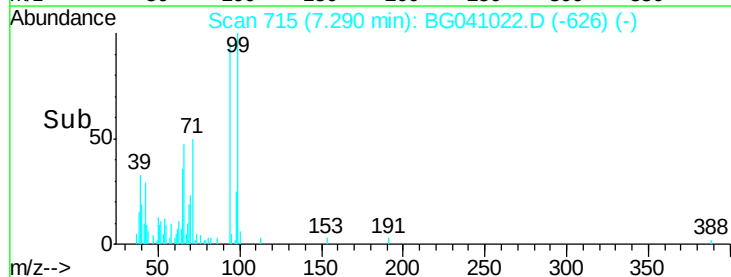
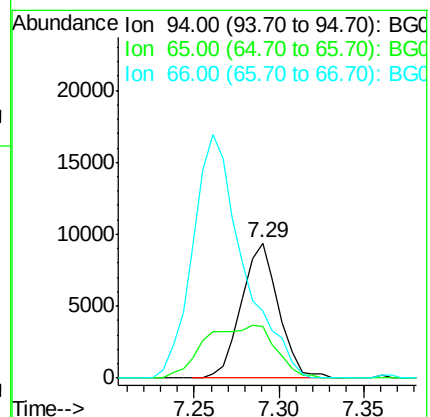
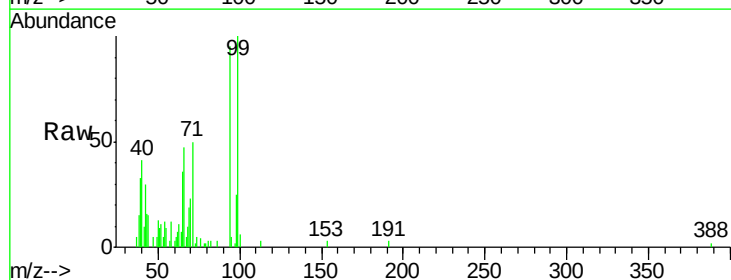
Tgt Ion: 94 Resp: 14344

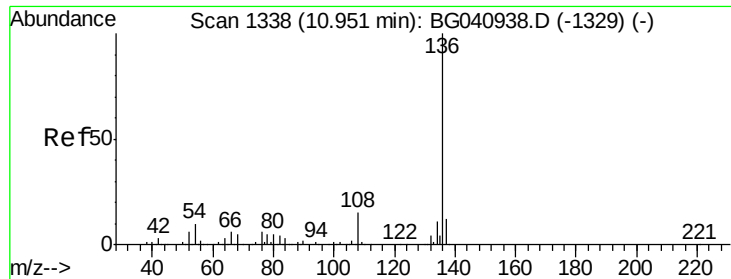
Ion Ratio Lower Upper

94 100

65 38.0 17.0 57.0

66 49.6 32.4 72.4

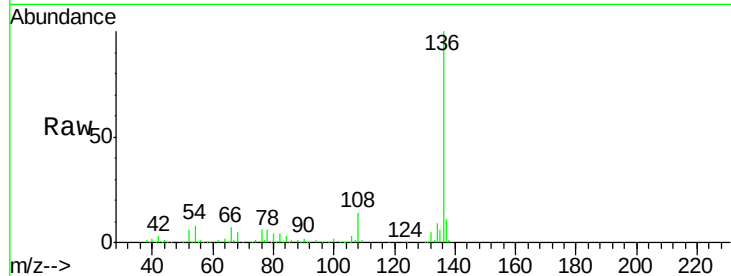




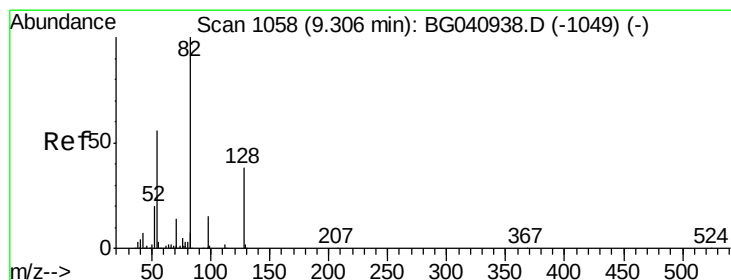
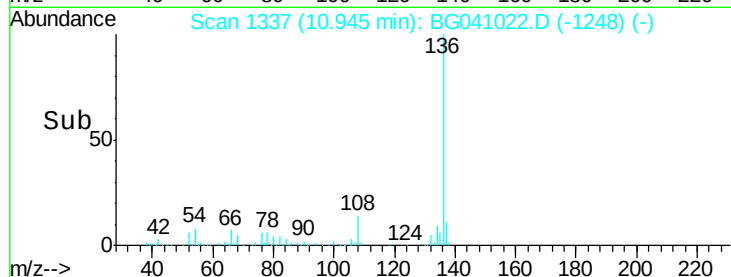
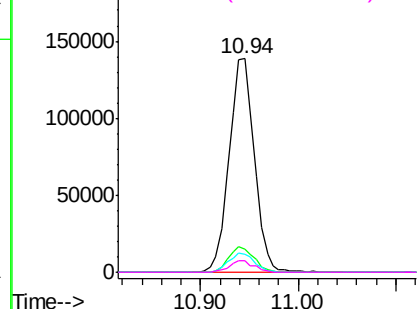
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041022.D
Acq: 1 Jun 2019 21:15

Instrument :
BNA_G
ClientSampleId :
0422-HR-2(HACKENSACK)

Tgt Ion:	136	Resp:	248785
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.5	14.3
54	8.4	7.6	11.4
68	5.2	3.9	5.9

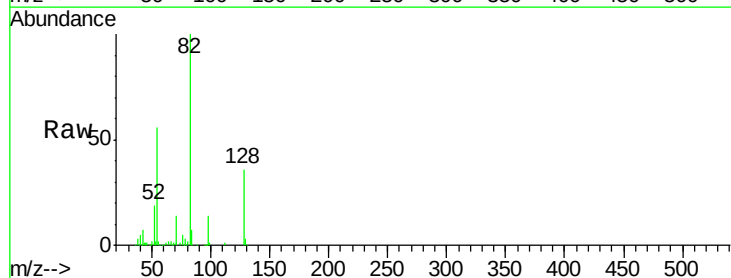


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

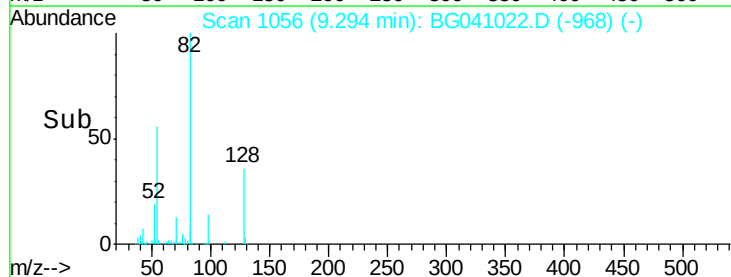
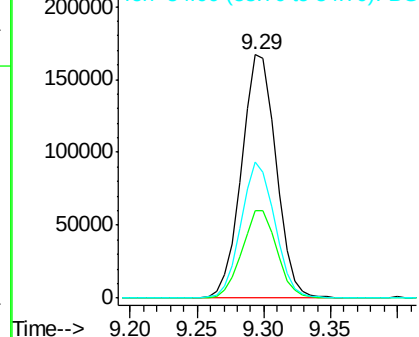


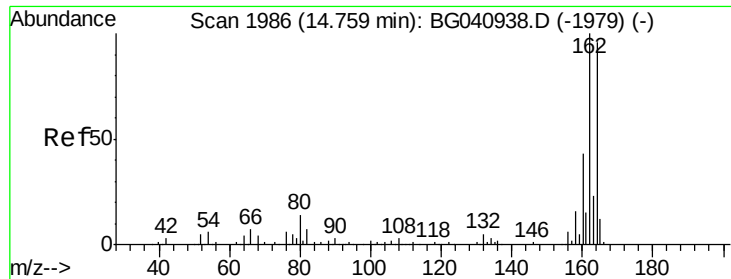
#23
Nitrobenzene-d5
Concen: 53.417 ng
RT: 9.29 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BG041022.D
Acq: 1 Jun 2019 21:15

Tgt Ion:	82	Resp:	299354
Ion Ratio	Lower	Upper	
82	100		
128	35.9	30.5	45.7
54	55.6	44.6	66.8



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: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG041022.D

Acq: 1 Jun 2019 21:15

Instrument :

BNA_G

ClientSampleId :

0422-HR-2(HACKENSACK)

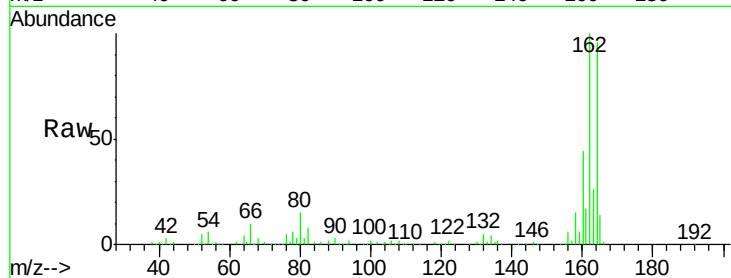
Tgt Ion:164 Resp: 181630

Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.4

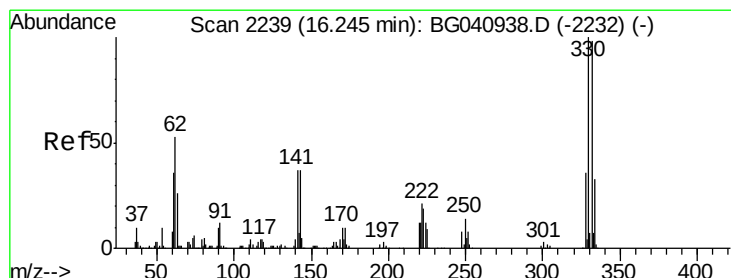
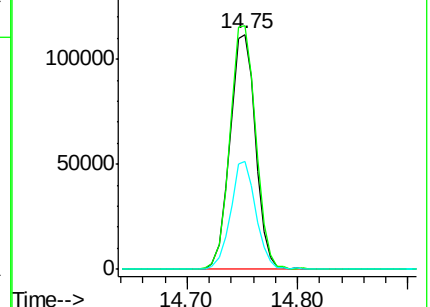
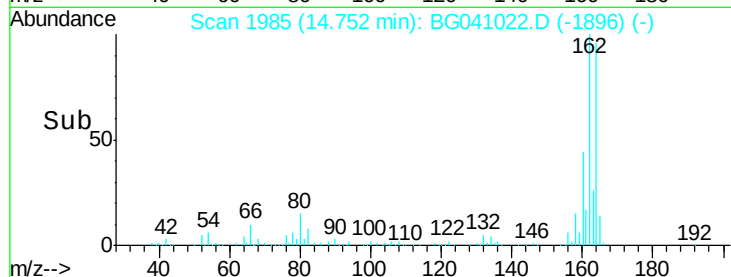
160 45.8 35.6 53.4



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: 82.341 ng

RT: 16.23 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BG041022.D

Acq: 1 Jun 2019 21:15

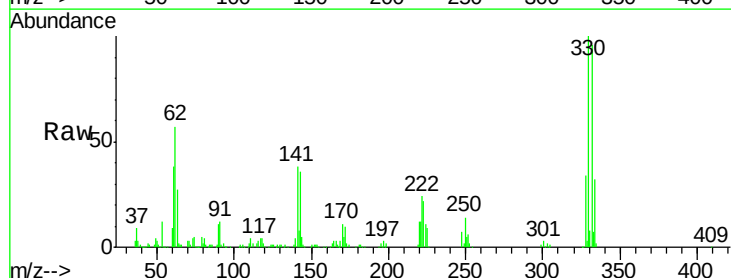
Tgt Ion:330 Resp: 222027

Ion Ratio Lower Upper

330 100

332 95.6 78.5 117.7

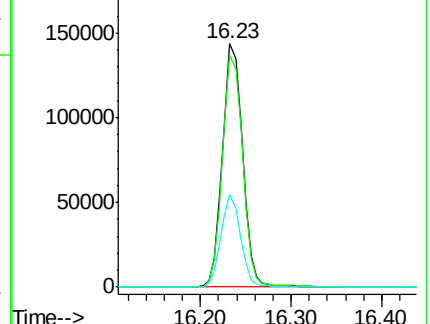
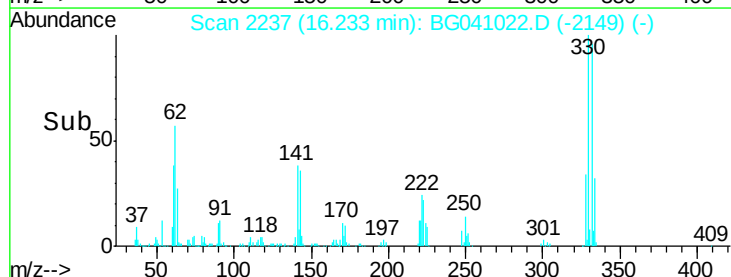
141 36.8 28.7 43.1

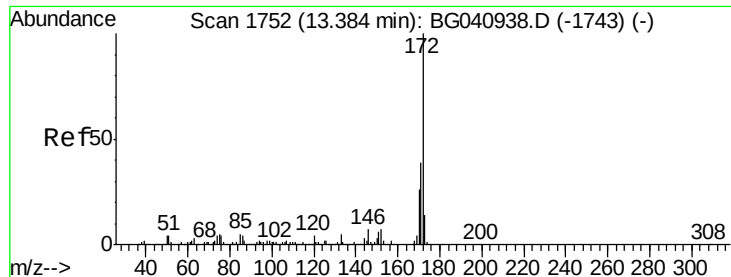


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

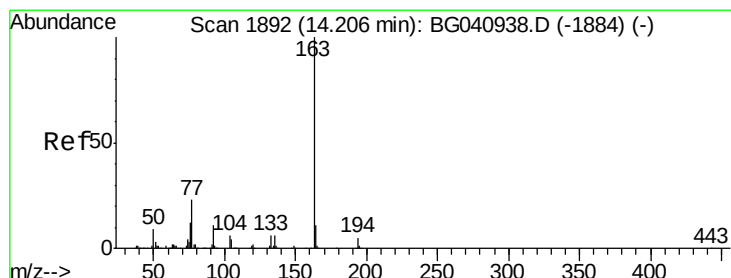
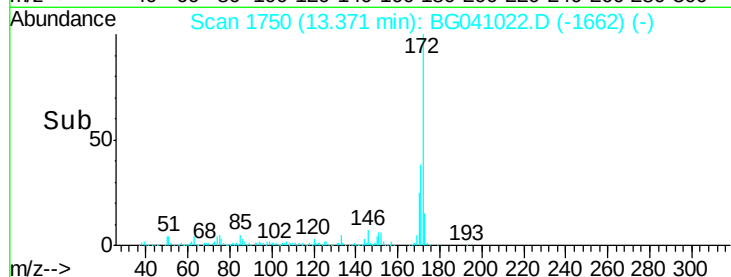
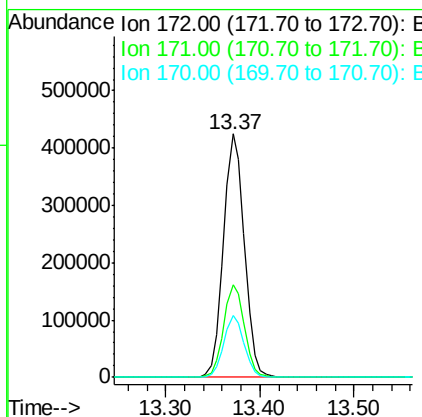
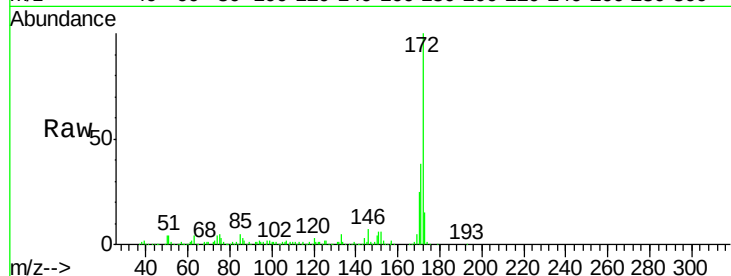




#45
2-Fluorobiphenyl
Concen: 52.093 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG041022.D
Acq: 1 Jun 2019 21:15

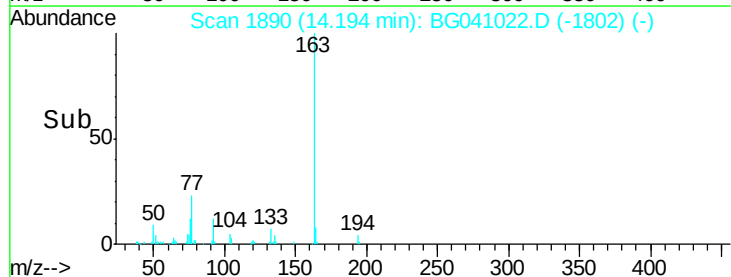
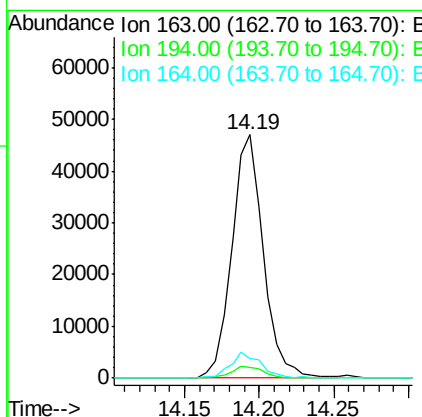
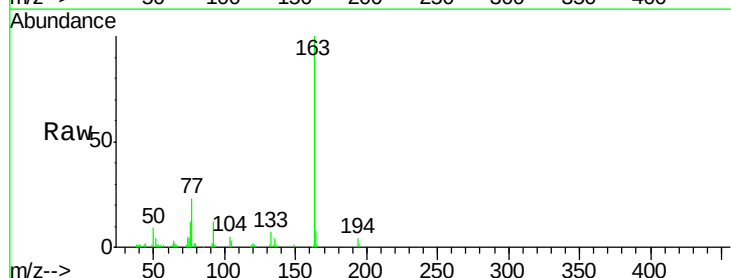
Instrument :
BNA_G
ClientSampleId :
0422-HR-2(HACKENSACK)

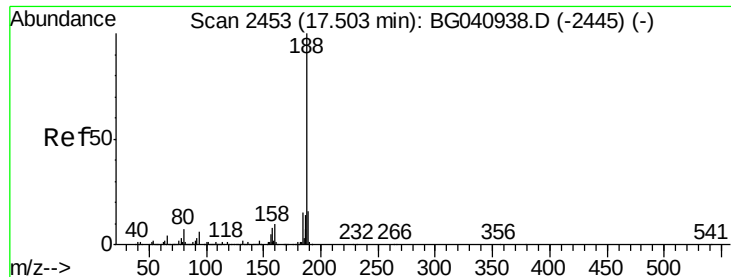
Tgt Ion:172 Resp: 657012
Ion Ratio Lower Upper
172 100
171 38.2 31.1 46.7
170 25.3 20.5 30.7



#50
Dimethylphthalate
Concen: 4.521 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG041022.D
Acq: 1 Jun 2019 21:15

Tgt Ion:163 Resp: 69506
Ion Ratio Lower Upper
163 100
194 4.3 3.8 5.8
164 8.3 8.7 13.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG041022.D

Acq: 1 Jun 2019 21:15

Instrument :

BNA_G

ClientSampleId :

0422-HR-2(HACKENSACK)

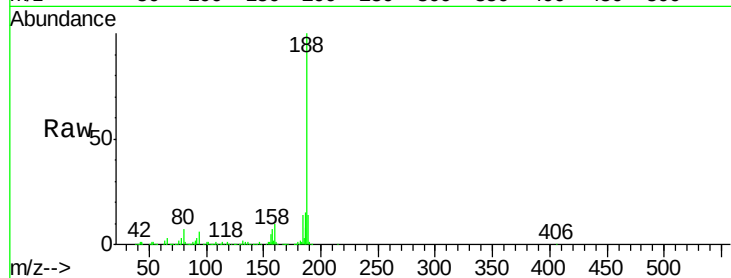
Tgt Ion:188 Resp: 438249

Ion Ratio Lower Upper

188 100

94 5.7 4.7 7.1

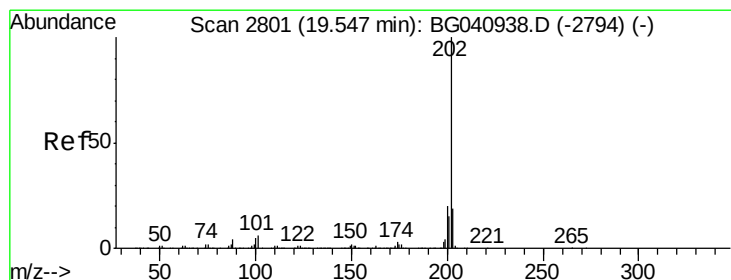
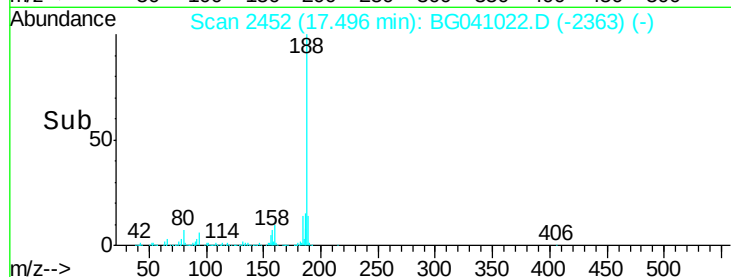
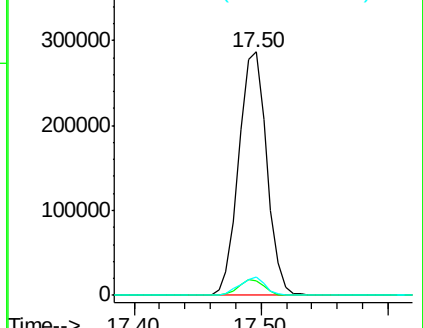
80 7.3 5.8 8.8



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



#75

Fluoranthene

Concen: 2.926 ng

RT: 19.53 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BG041022.D

Acq: 1 Jun 2019 21:15

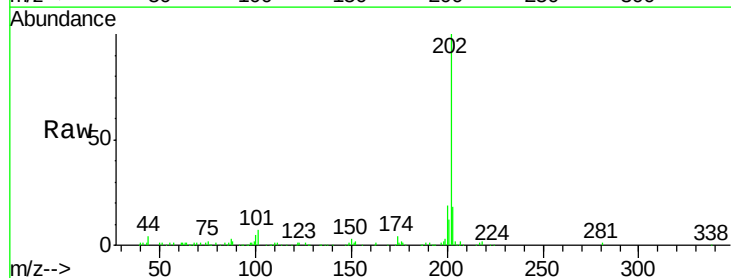
Tgt Ion:202 Resp: 82510

Ion Ratio Lower Upper

202 100

101 6.8 0.0 26.2

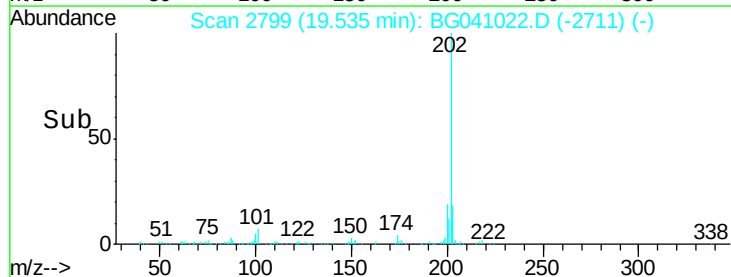
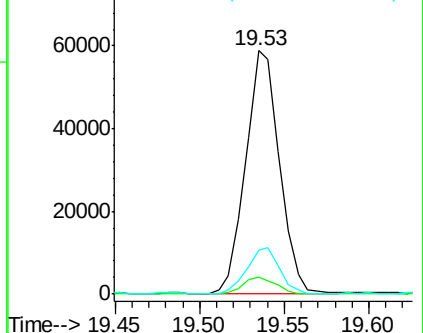
203 17.9 0.0 38.7

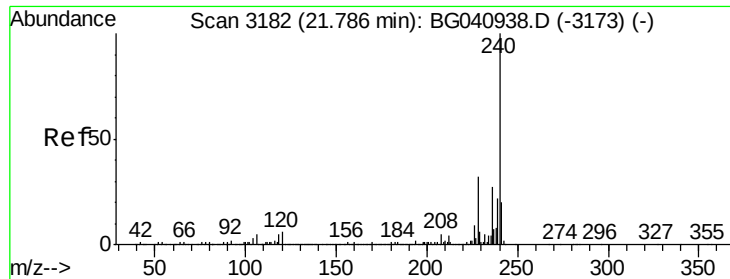


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

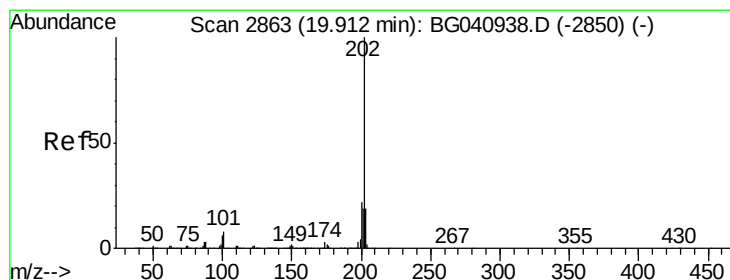
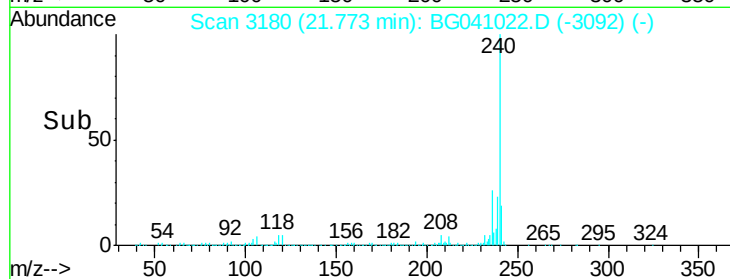
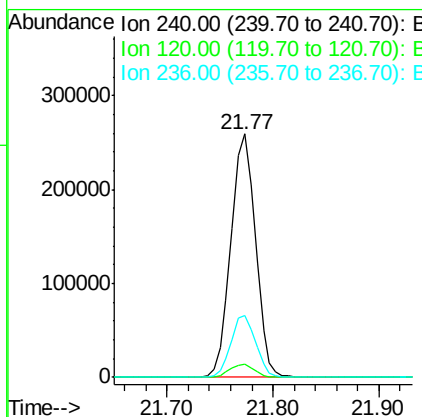
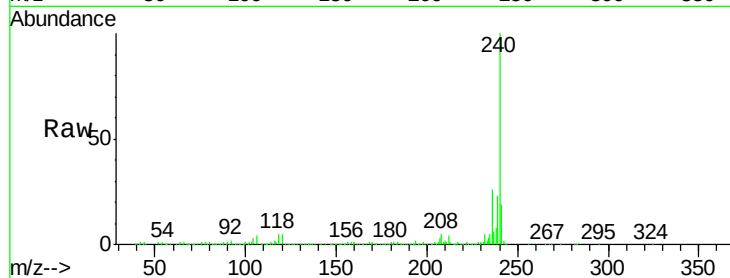




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BG041022.D
Acq: 1 Jun 2019 21:15

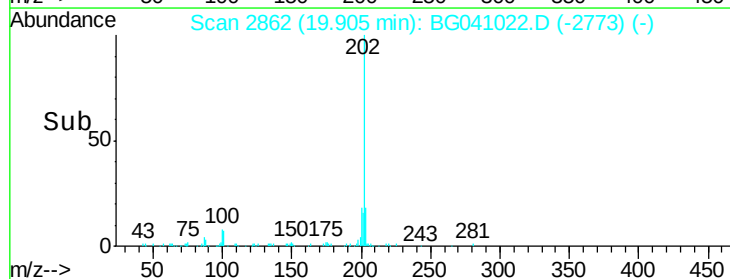
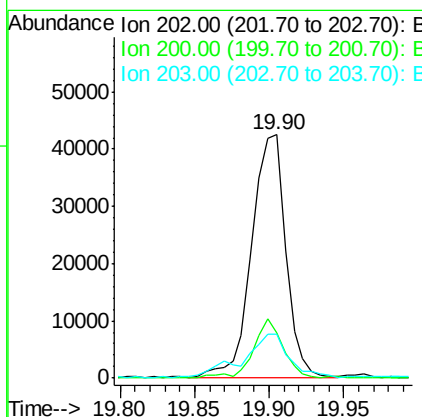
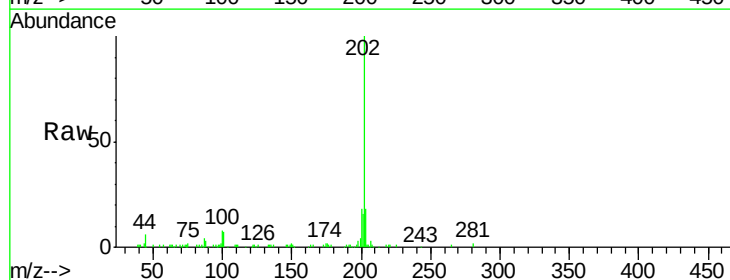
Instrument :
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0422-HR-2(HACKENSACK)

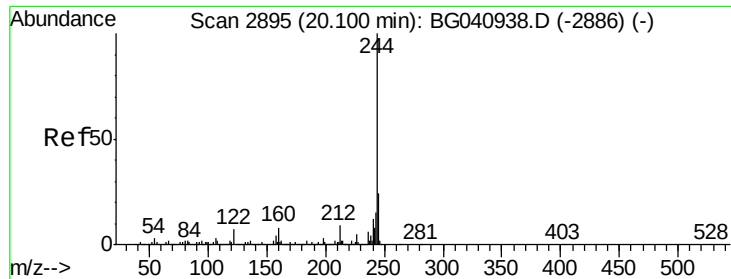
Tgt Ion:240 Resp: 416839
Ion Ratio Lower Upper
240 100
120 5.4 4.5 6.7
236 25.6 21.3 31.9



#78
Pyrene
Concen: 2.488 ng
RT: 19.90 min Scan# 2862
Delta R.T. -0.01 min
Lab File: BG041022.D
Acq: 1 Jun 2019 21:15

Tgt Ion:202 Resp: 67416
Ion Ratio Lower Upper
202 100
200 18.5 17.5 26.3
203 18.1 15.6 23.4





#79

Terphenyl-d14

Concen: 55.078 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG041022.D

Acq: 1 Jun 2019 21:15

Instrument :

BNA_G

ClientSampleId :

0422-HR-2(HACKENSACK)

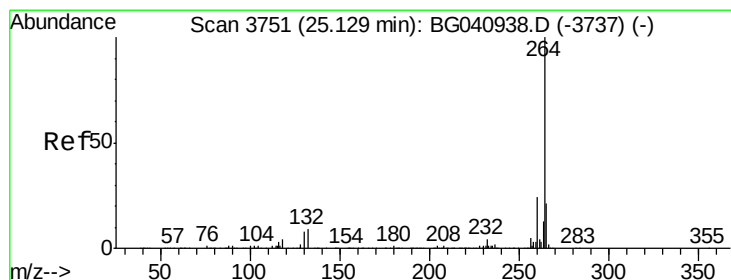
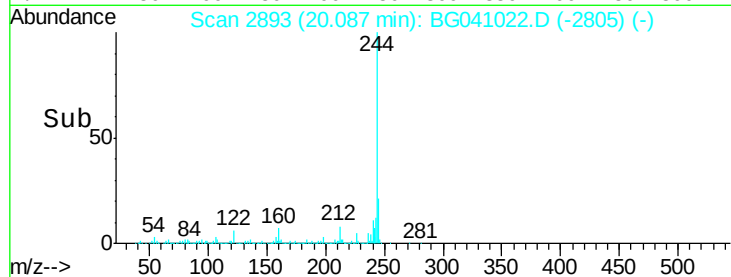
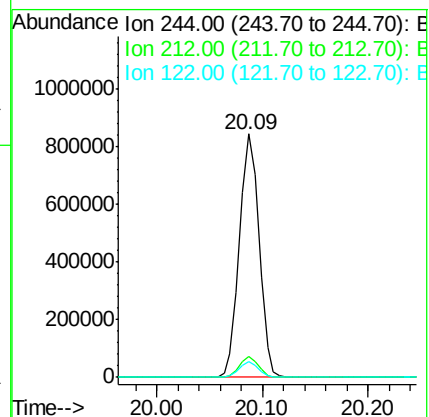
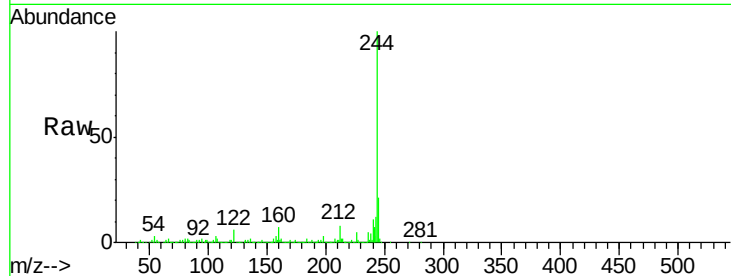
Tgt Ion:244 Resp: 1081753

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

122 6.3 5.4 8.0



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3747

Delta R.T. -0.02 min

Lab File: BG041022.D

Acq: 1 Jun 2019 21:15

Tgt Ion:264 Resp: 444163

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 21.5 17.0 25.4

