

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
 Data File : BG041737.D
 Acq On : 19 Jul 2019 16:20
 Operator : HP/JU
 Sample : K3903-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18107-NYCT-AVE-Z-COMP-3-4

Quant Time: Jul 20 00:39:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	76435	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	290589	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	175077	20.00	ng	-0.01
64) Phenanthrene-d10	17.40	188	490443	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	662111	20.00	ng	-0.02
87) Perylene-d12	24.83	264	789398	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	520910	111.41	ng	0.00
7) Phenol-d6	7.20	99	632695	100.60	ng	0.00
23) Nitrobenzene-d5	9.20	82	470643	98.50	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	333698	169.12	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	1126732	99.66	ng	-0.01
79) Terphenyl-d14	20.00	244	2317494	81.79	ng	-0.01

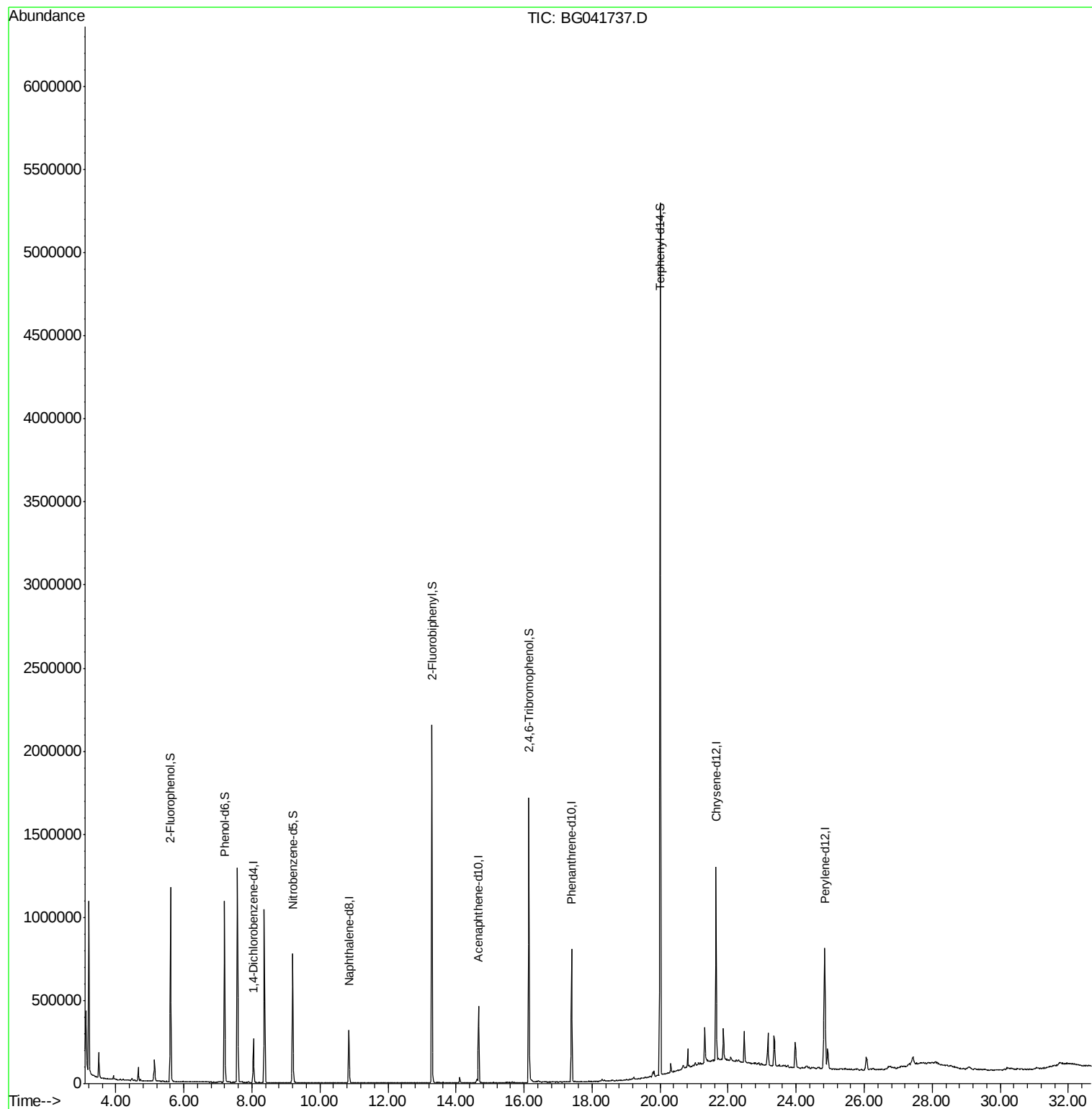
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG041737.D

Acq: 19 Jul 2019 16:20

Instrument :

BNA_G

ClientSampleId :

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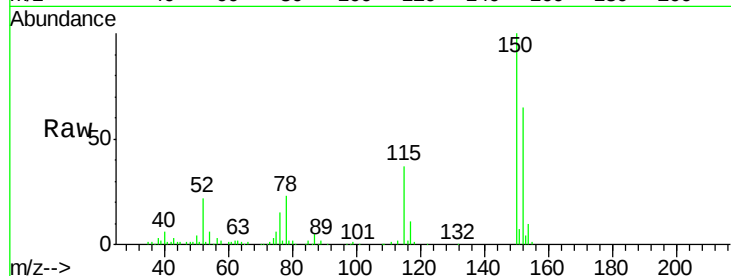
Tot Ion:152 Resp: 76435

Ion Ratio Lower Upper

152 100

150 153.1 126.9 190.3

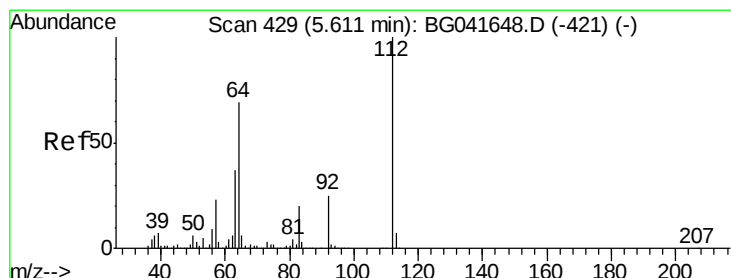
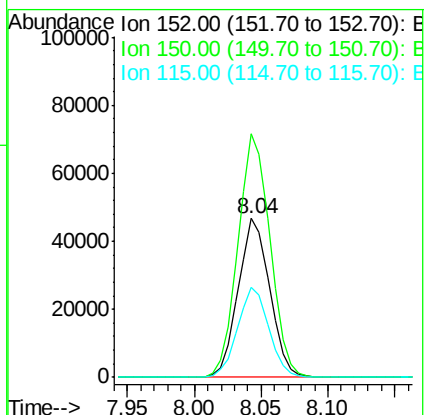
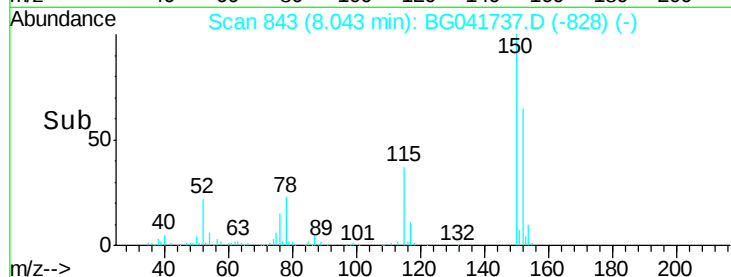
115 56.5 45.0 67.6



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: 111.409 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG041737.D

Acq: 19 Jul 2019 16:20

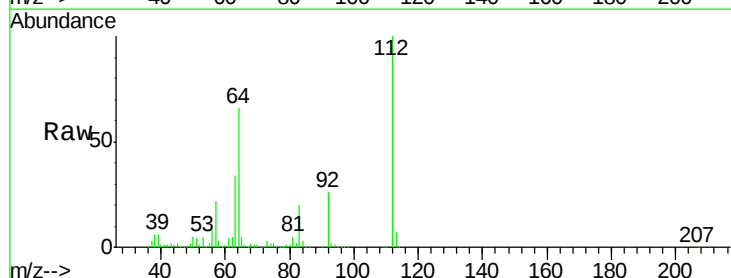
Tgt Ion:112 Resp: 520910

Ion Ratio Lower Upper

112 100

64 66.0 55.4 83.2

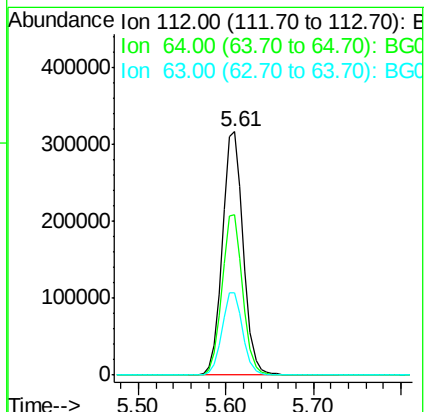
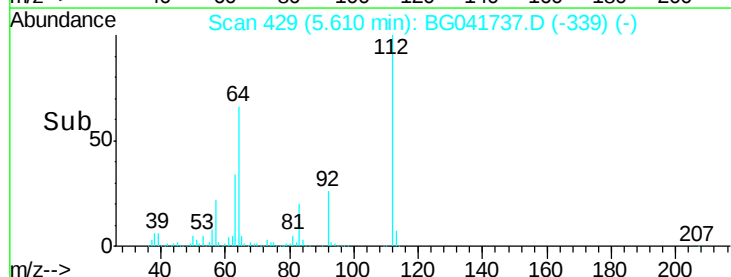
63 33.9 29.1 43.7

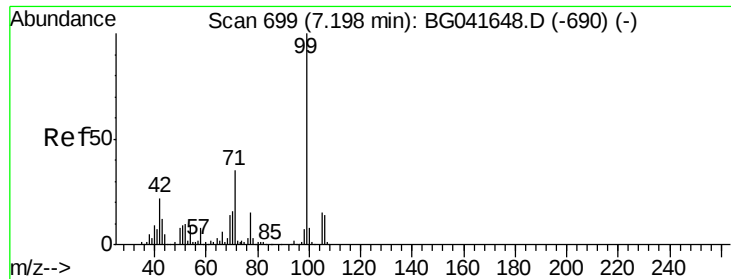


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 100.604 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041737.D

Acq: 19 Jul 2019 16:20

Instrument :

BNA_G

ClientSampleId :

18107-NYCT-AVE-Z-COMP-3-4

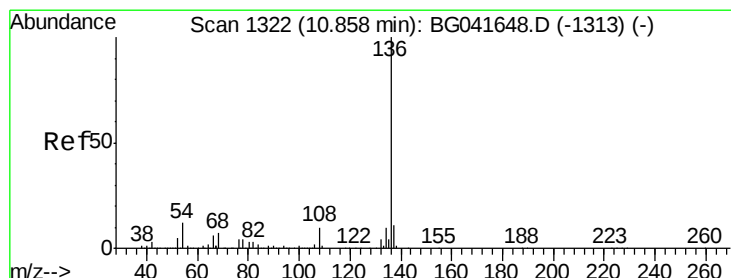
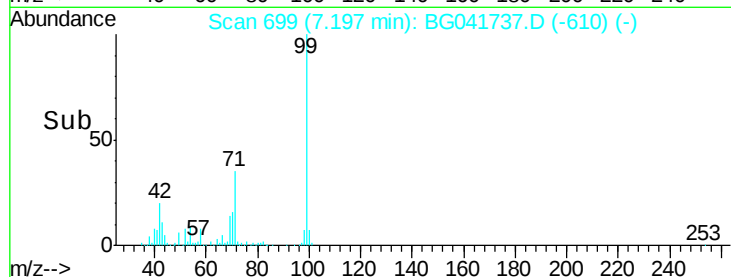
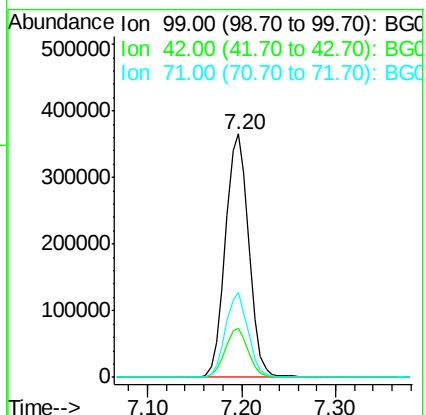
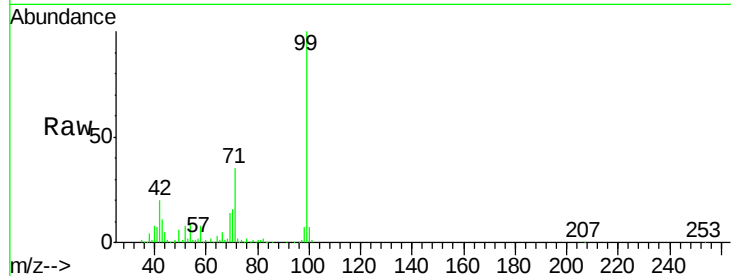
Tot Ion: 99 Resp: 632695

Ion Ratio Lower Upper

99 100

42 20.0 17.6 26.4

71 34.8 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041737.D

Acq: 19 Jul 2019 16:20

Tgt Ion: 136 Resp: 290589

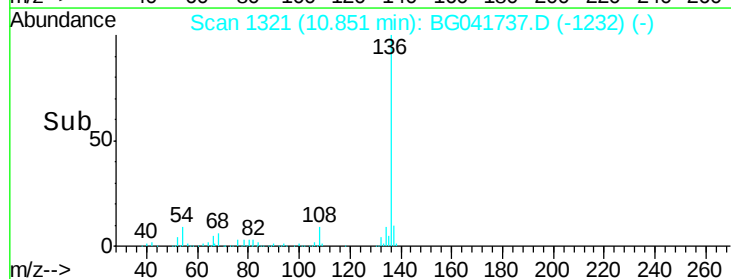
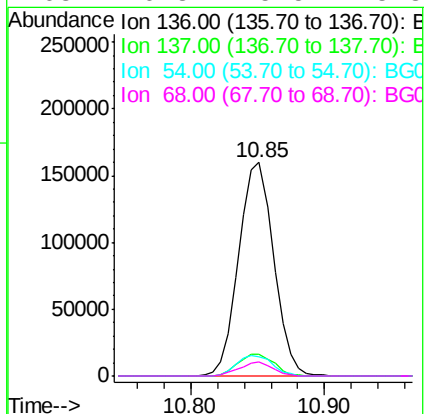
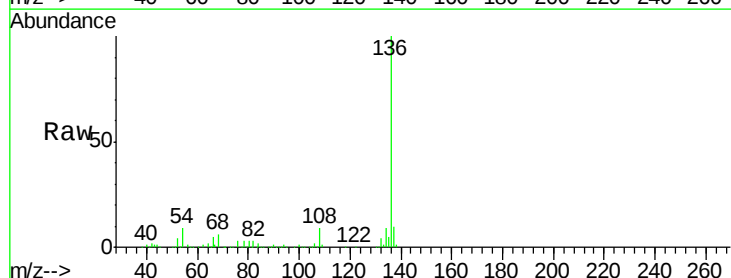
Ion Ratio Lower Upper

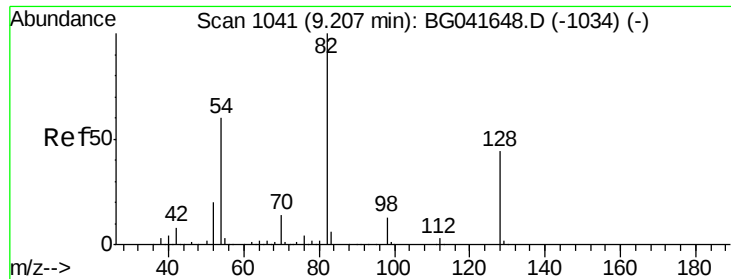
136 100

137 10.2 9.2 13.8

54 9.3 8.7 13.1

68 6.3 5.5 8.3

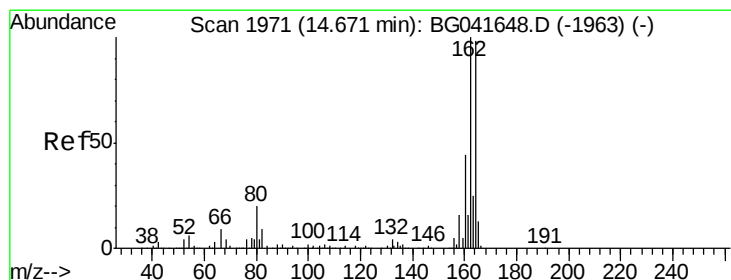
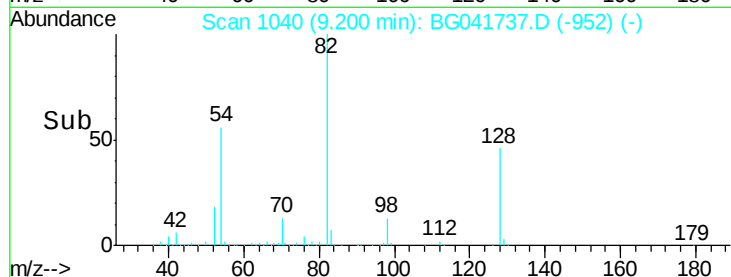
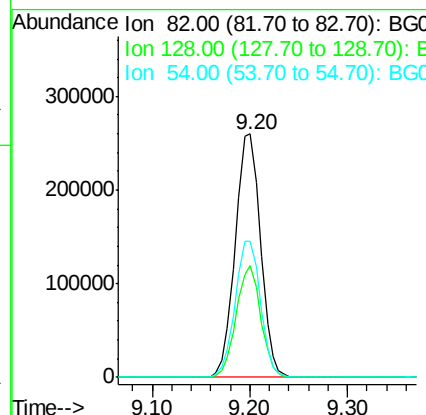
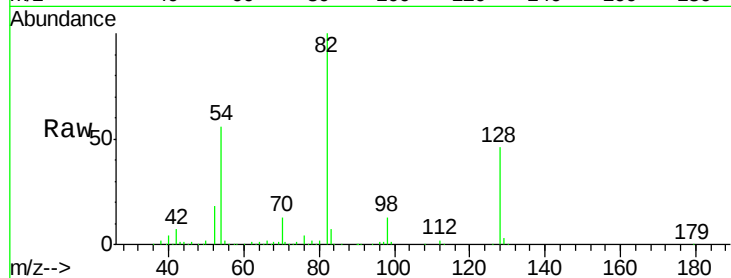




#23
 Nitrobenzene-d5
 Concen: 98.497 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG041737.D
 Acq: 19 Jul 2019 16:20

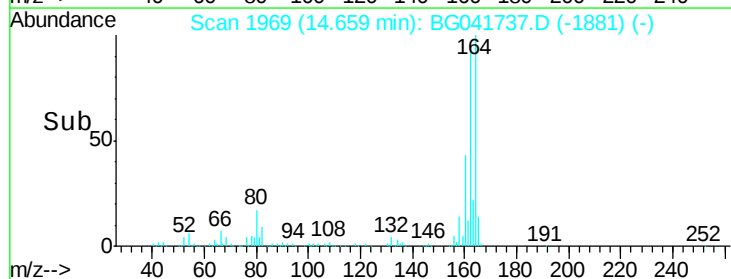
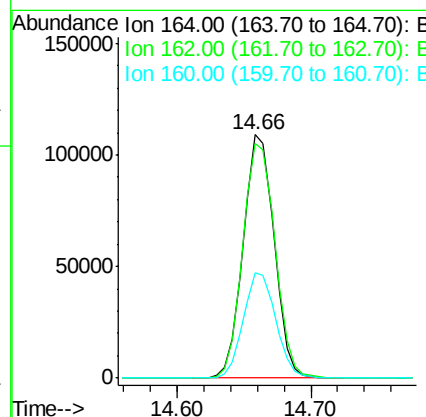
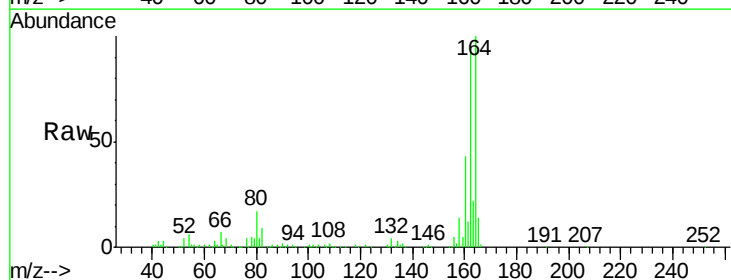
Instrument :
 BNA_G
 ClientSampleId :
 18107-NYCT-AVE-Z-COMP-3-4

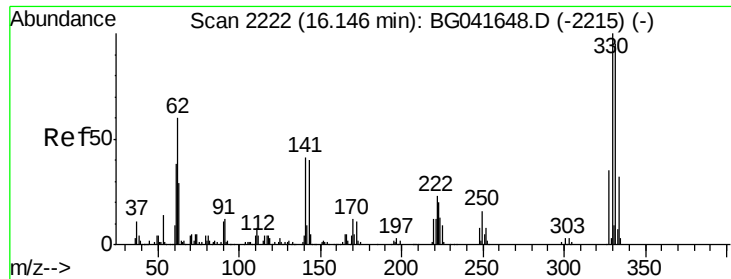
Tot Ion	82	Resp	470643
Ion Ratio	Lower	Upper	
82	100		
128	45.8	35.1	52.7
54	55.7	48.7	73.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG041737.D
 Acq: 19 Jul 2019 16:20

Tgt Ion	164	Resp	175077
Ion Ratio	Lower	Upper	
164	100		
162	96.1	79.6	119.4
160	43.2	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 169.125 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG041737.D

Acq: 19 Jul 2019 16:20

Instrument :

BNA_G

ClientSampleId :

18107-NYCT-AVE-Z-COMP-3-4

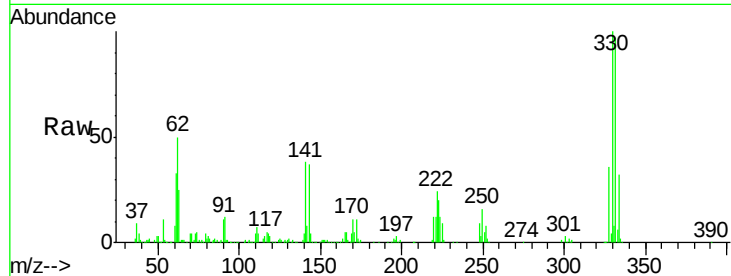
Tot Ion:330 Resp: 333698

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

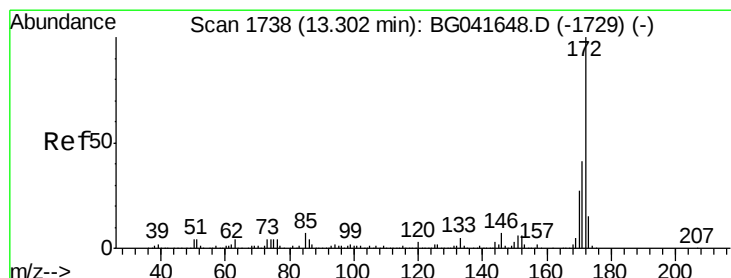
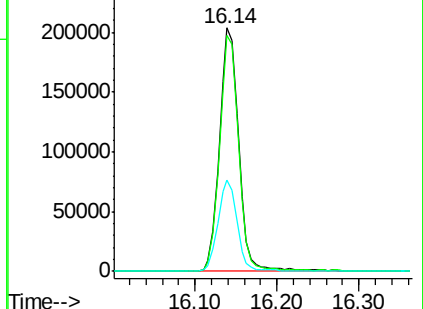
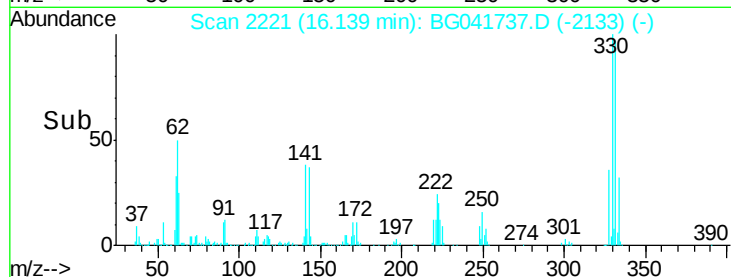
141 37.5 31.9 47.9



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: 99.656 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.01 min

Lab File: BG041737.D

Acq: 19 Jul 2019 16:20

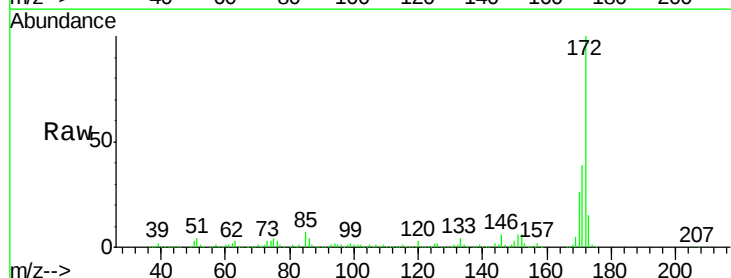
Tgt Ion:172 Resp: 1126732

Ion Ratio Lower Upper

172 100

171 39.0 35.0 52.4

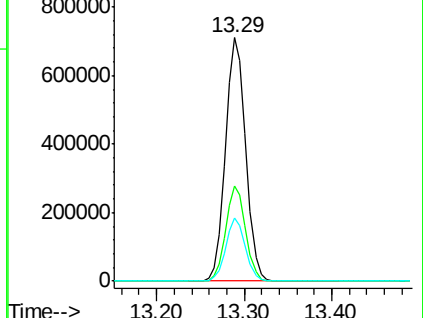
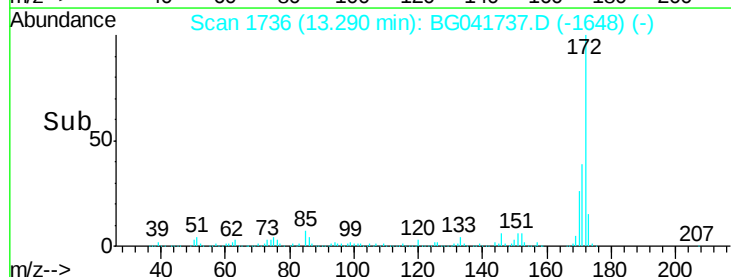
170 25.7 23.5 35.3

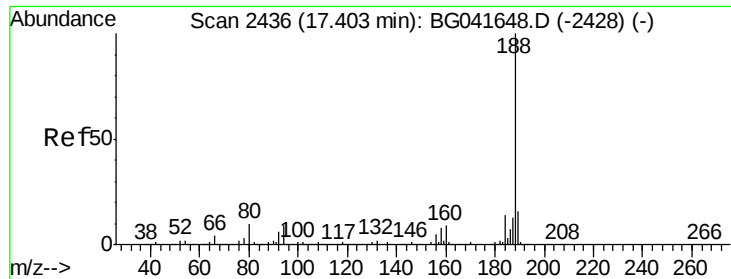


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

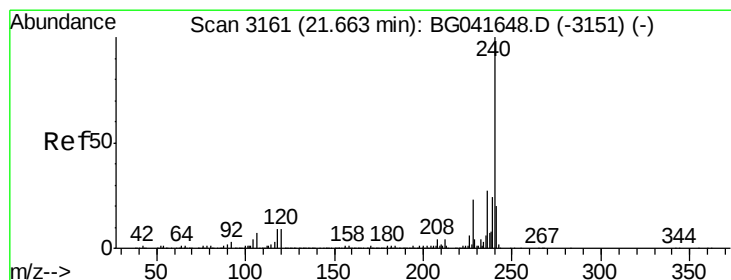
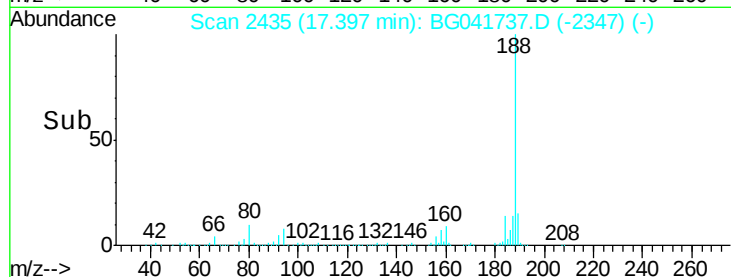
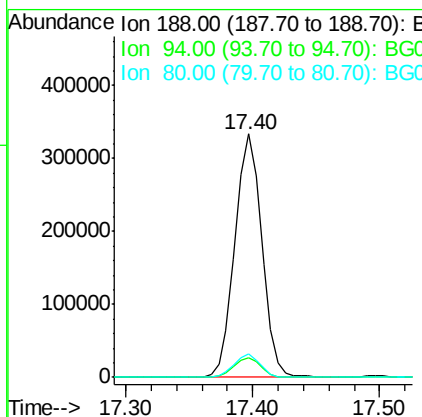
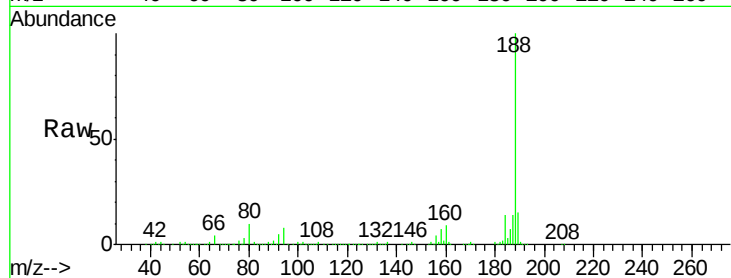




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG041737.D
Acq: 19 Jul 2019 16:20

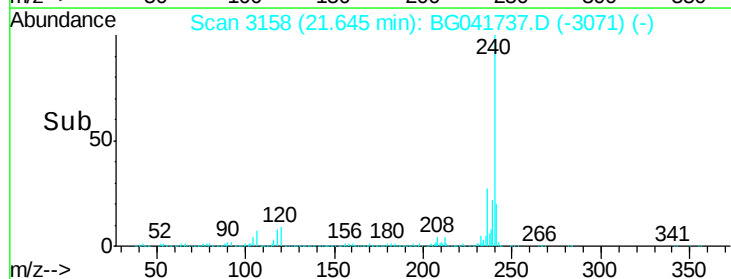
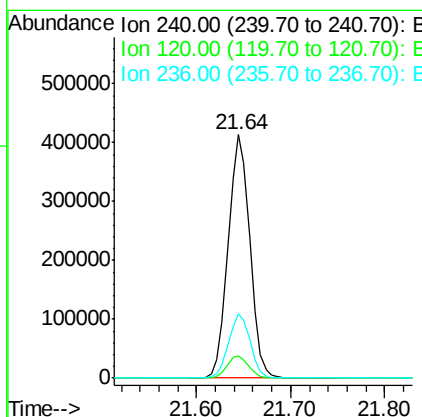
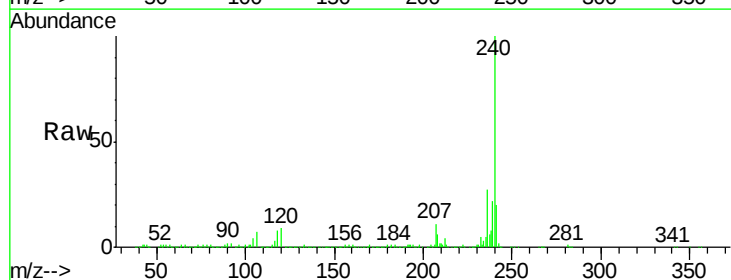
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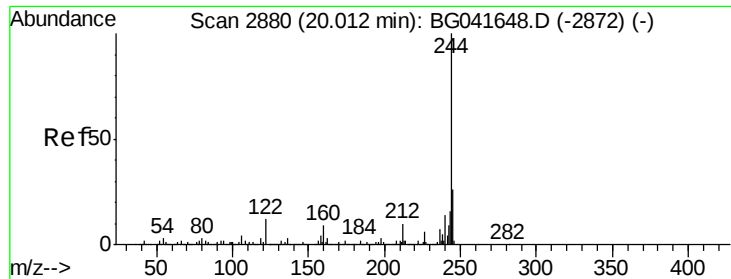
Tot Ion:188 Resp: 490443
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.7 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.02 min
Lab File: BG041737.D
Acq: 19 Jul 2019 16:20

Tgt Ion:240 Resp: 662111
Ion Ratio Lower Upper
240 100
120 9.2 8.0 12.0
236 26.7 22.6 33.8



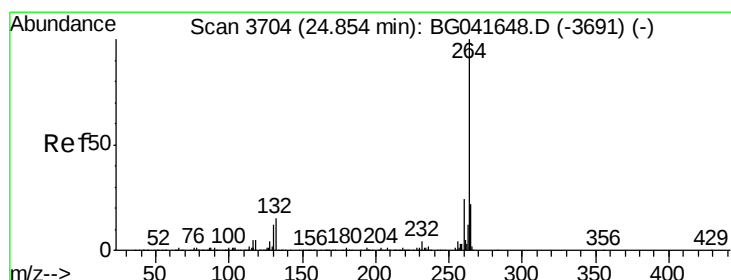
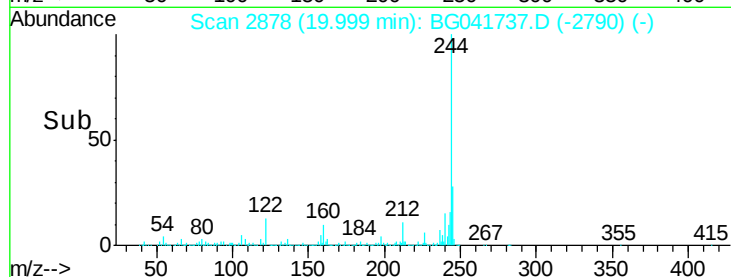
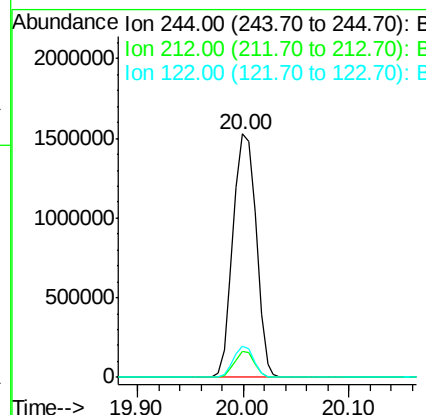
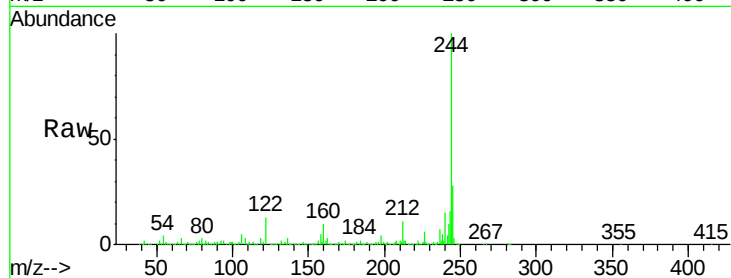


#79
 Terphenyl-d14
 Concen: 81.794 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.01 min
 Lab File: BG041737.D
 Acq: 19 Jul 2019 16:20

Instrument :
 BNA_G
 ClientSampleId :
 18107-NYCT-AVE-Z-COMP-3-4

Tot Ion:244 Resp: 2317494

Ion	Ratio	Lower	Upper
244	100		
212	10.5	9.7	14.5
122	13.0	12.5	18.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3701
 Delta R.T. -0.03 min
 Lab File: BG041737.D
 Acq: 19 Jul 2019 16:20

Tgt Ion:264 Resp: 789398

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.9	18.0	27.0

