

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
 Data File : BG041020.D
 Acq On : 1 Jun 2019 19:59
 Operator : HP/JU
 Sample : K3106-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 71-70

Quant Time: Jun 03 03:57:13 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

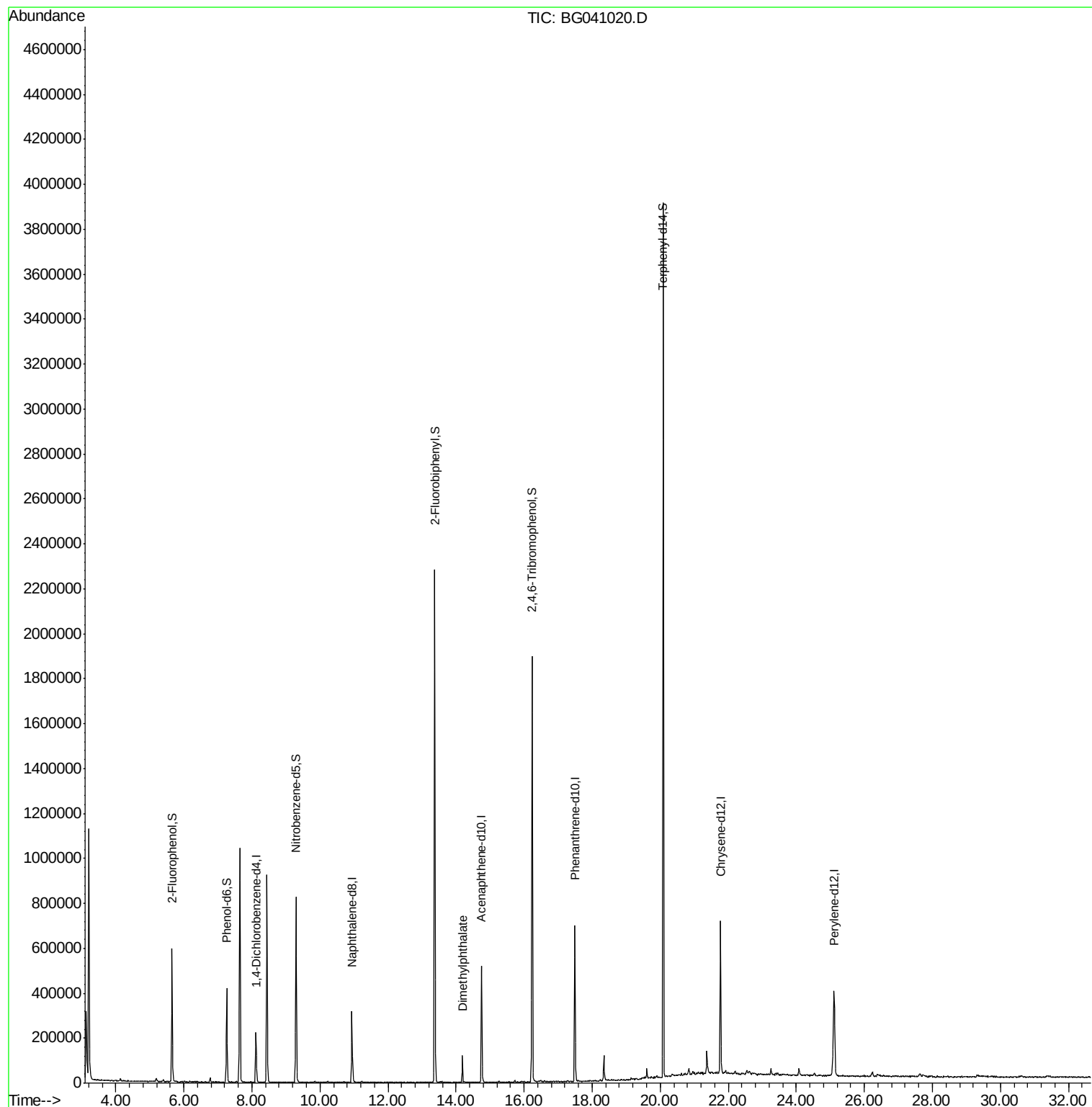
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	60576	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	251117	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	181635	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	429397	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	420138	20.00	ng	-0.01
87) Perylene-d12	25.11	264	452459	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	227928	67.85	ng	0.00
7) Phenol-d6	7.26	99	224708	43.31	ng	-0.01
23) Nitrobenzene-d5	9.30	82	482797	85.35	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	345854	128.26	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	1112102	88.17	ng	-0.01
79) Terphenyl-d14	20.09	244	1757938	88.80	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.19	163	71677	4.662	ng	Qvalue # 95

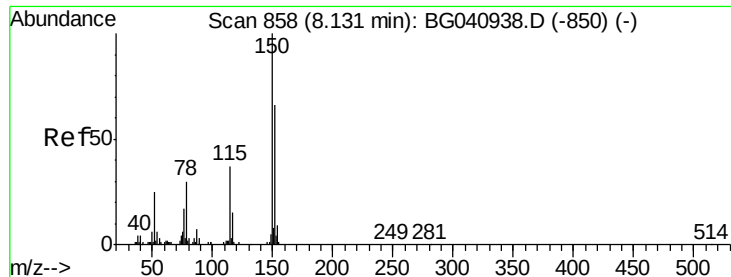
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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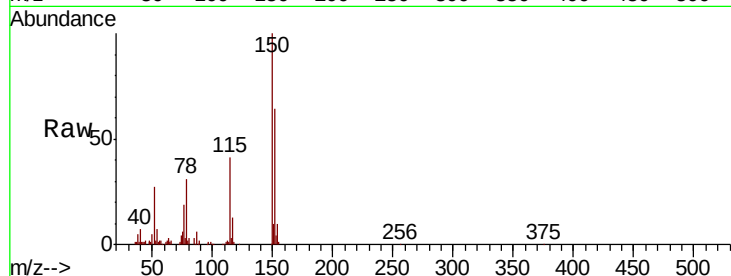


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG041020.D
Acq: 1 Jun 2019 19:59

Instrument :
BNA_G
ClientSampleId :
71-70

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	120.6	180.8
115	64.2	45.1	67.7

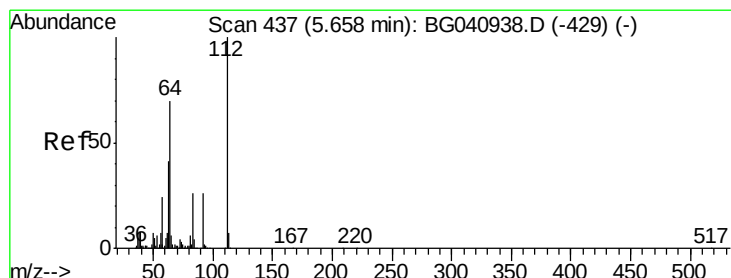
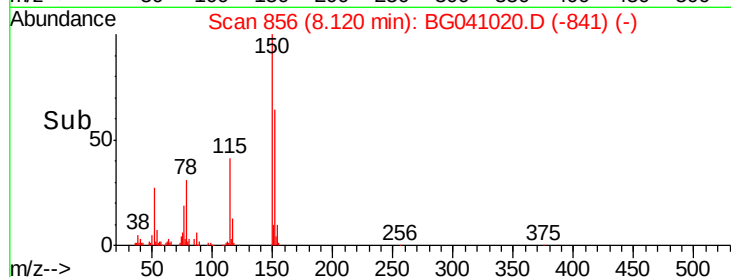
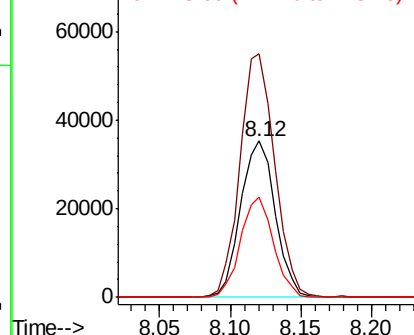


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

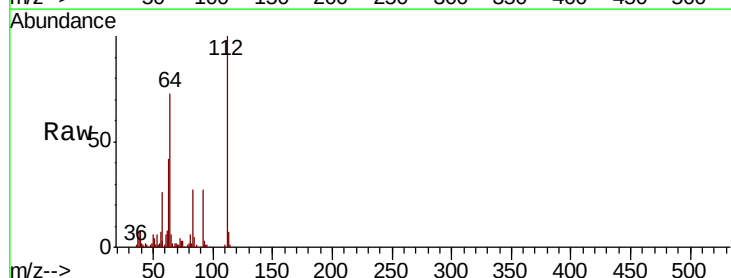
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 67.849 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.00 min
Lab File: BG041020.D
Acq: 1 Jun 2019 19:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.6	56.2	84.2
63	42.0	32.8	49.2

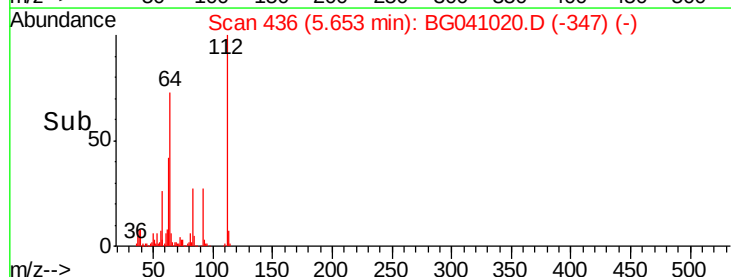
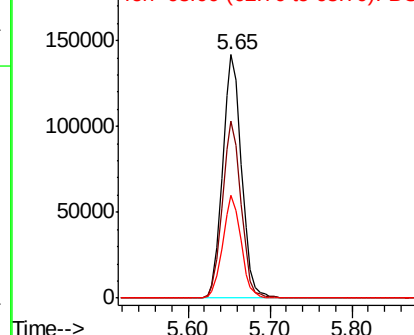


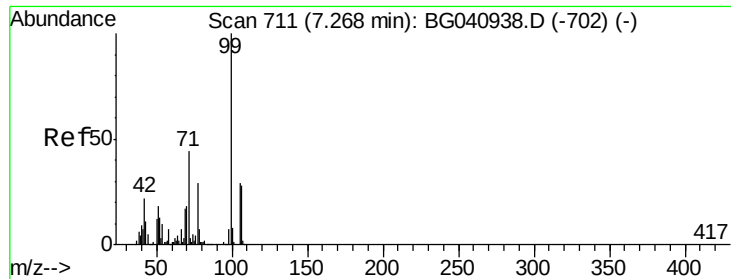
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 43.312 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041020.D

Acq: 1 Jun 2019 19:59

Instrument :

BNA_G

ClientSampleId :

71-70

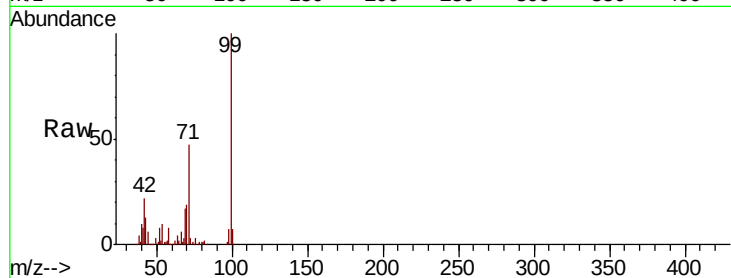
Tot Ion: 99 Resp: 224708

Ion Ratio Lower Upper

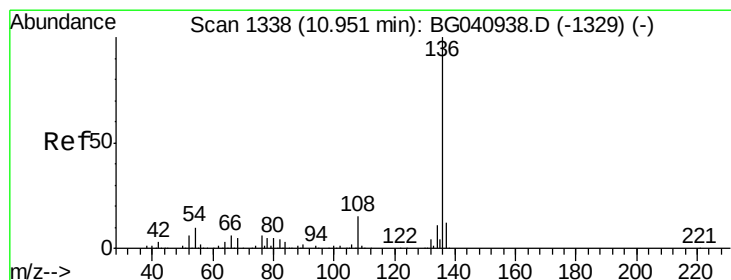
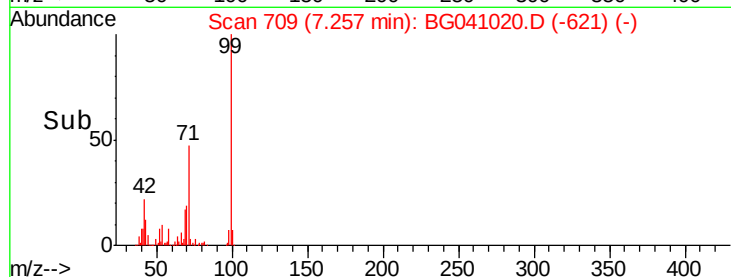
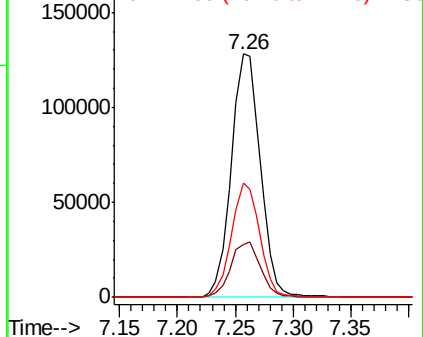
99 100

42 21.8 17.9 26.9

71 47.0 35.4 53.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BG041020.D

Acq: 1 Jun 2019 19:59

Tgt Ion: 136 Resp: 251117

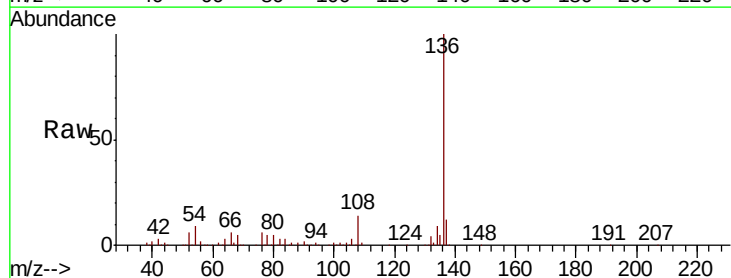
Ion Ratio Lower Upper

136 100

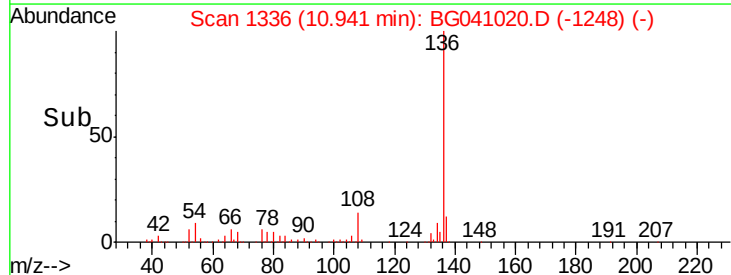
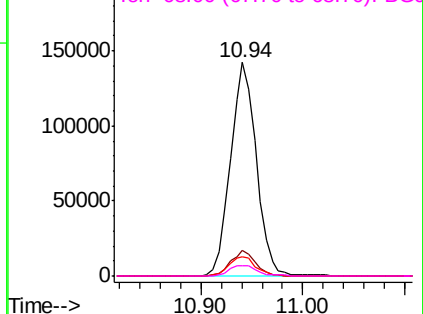
137 12.0 9.5 14.3

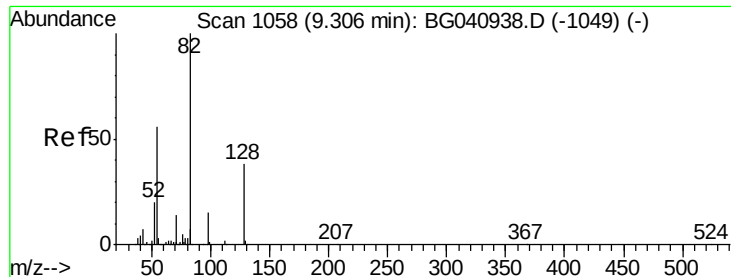
54 9.0 7.6 11.4

68 4.7 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

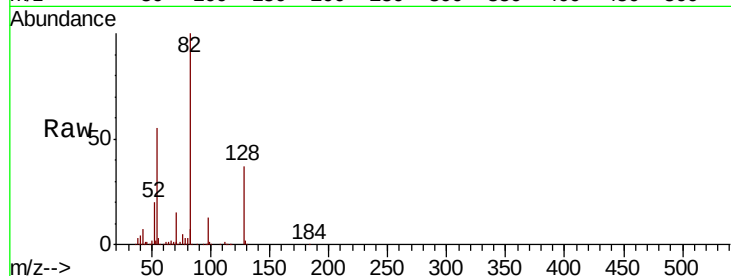




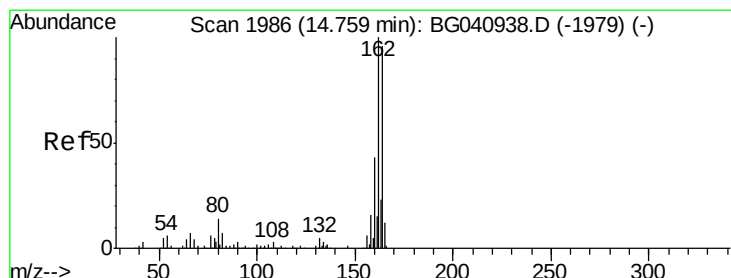
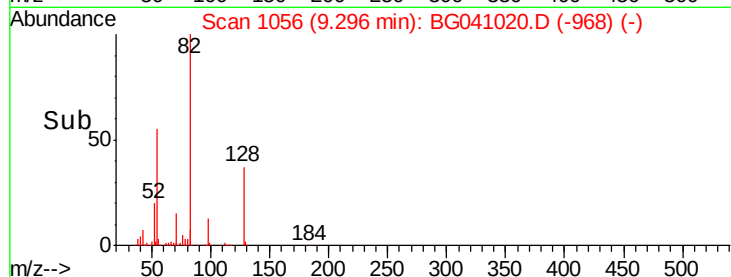
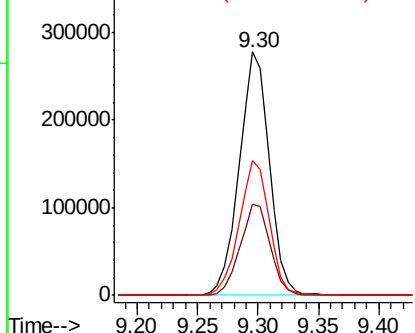
#23
Nitrobenzene-d5
Concen: 85.351 ng
RT: 9.30 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BG041020.D
Acq: 1 Jun 2019 19:59

Instrument :
BNA_G
ClientSampleId :
71-70

Tot Ion	82	Resp	482797
Ion Ratio	Lower	Upper	
82	100		
128	37.5	30.5	45.7
54	55.3	44.6	66.8

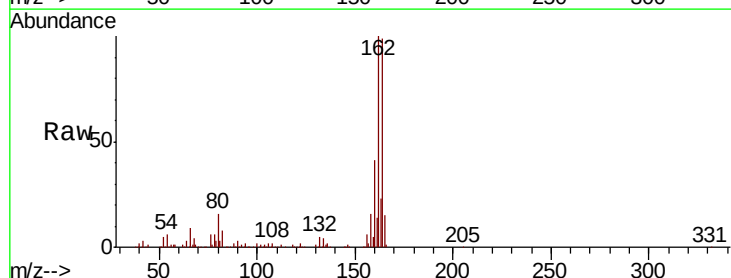


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

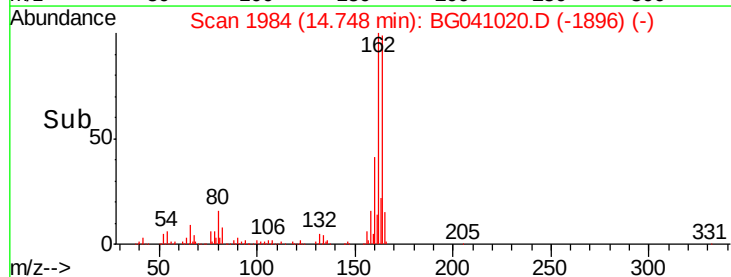
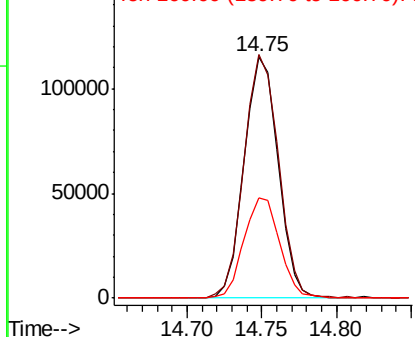


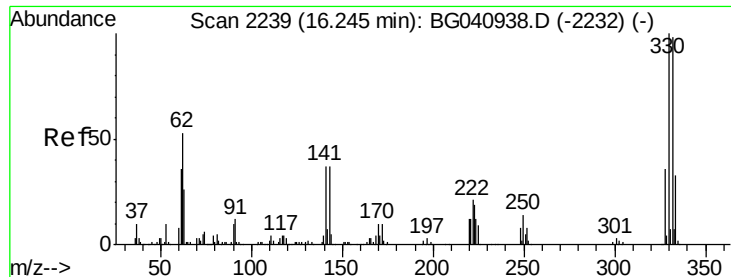
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG041020.D
Acq: 1 Jun 2019 19:59

Tgt Ion	164	Resp	181635
Ion Ratio	Lower	Upper	
164	100		
162	100.9	83.0	124.4
160	41.8	35.6	53.4



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

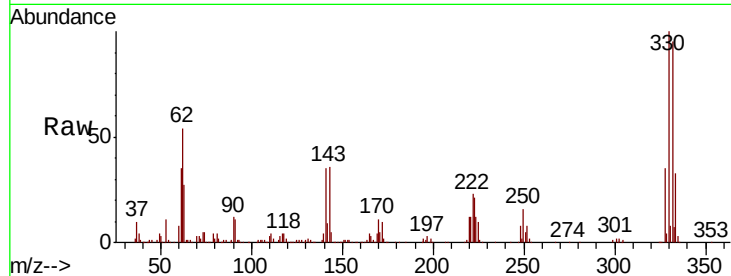




#42
 2,4,6-Tribromophenol
 Concen: 128.260 ng
 RT: 16.23 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BG041020.D
 Acq: 1 Jun 2019 19:59

Instrument :
 BNA_G
 ClientSampleId :
 71-70

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.5	117.7
141	35.9	28.7	43.1

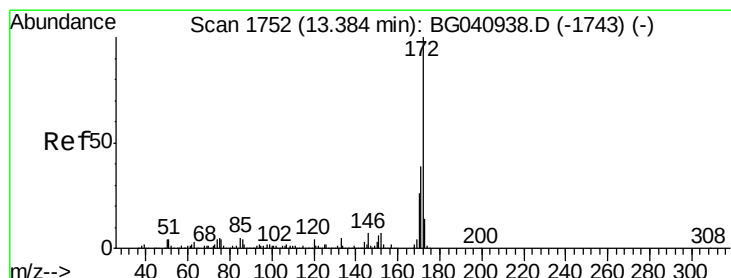
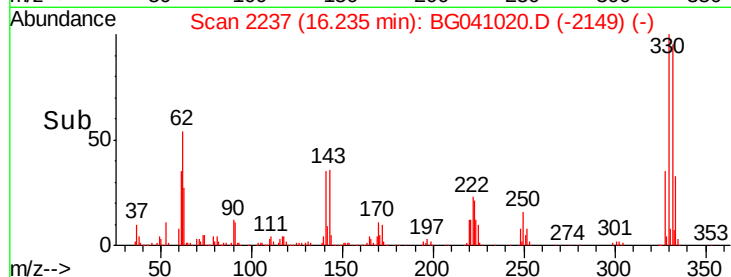
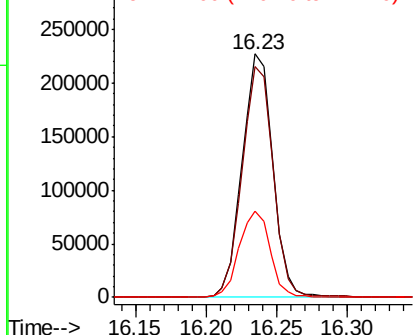


Abundance

Ion 329.80 (329.50 to 330.50): E

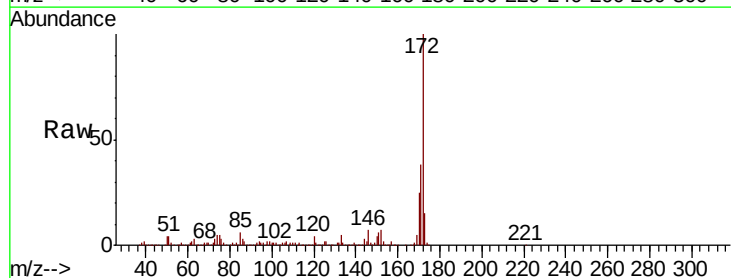
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.174 ng
 RT: 13.37 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG041020.D
 Acq: 1 Jun 2019 19:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.1	46.7
170	25.4	20.5	30.7

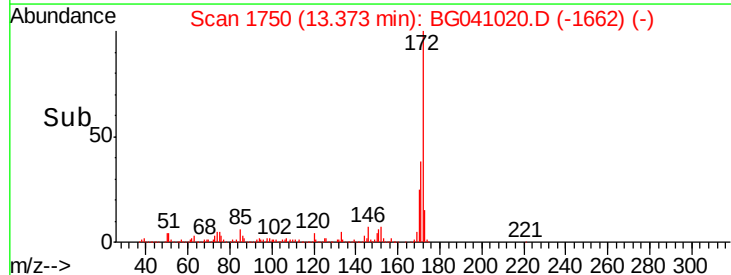
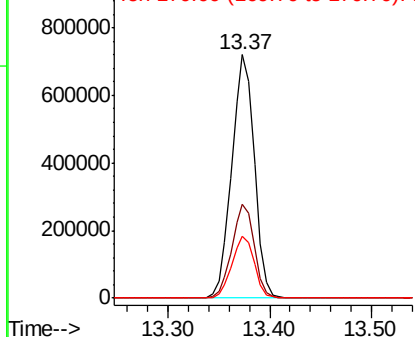


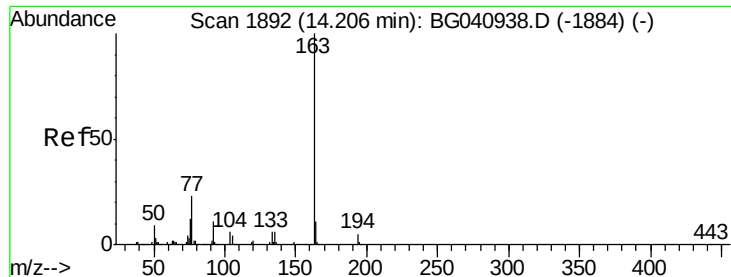
Abundance

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: 4.662 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.02 min

Lab File: BG041020.D

Acq: 1 Jun 2019 19:59

Instrument :

BNA_G

ClientSampleId :

71-70

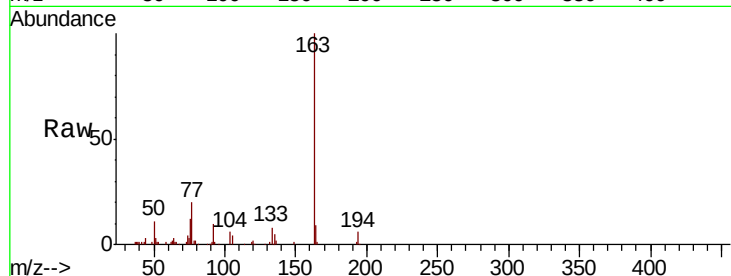
Tot Ion:163 Resp: 71677

Ion Ratio Lower Upper

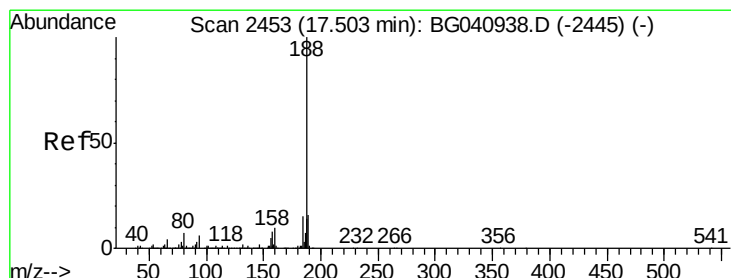
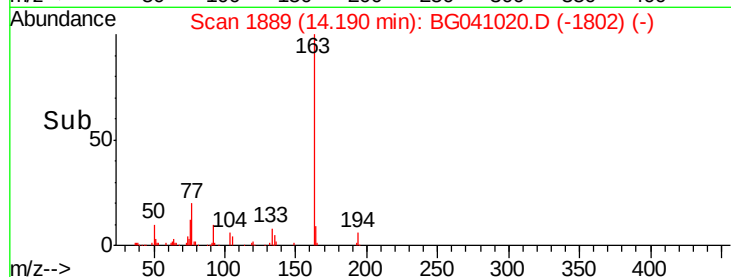
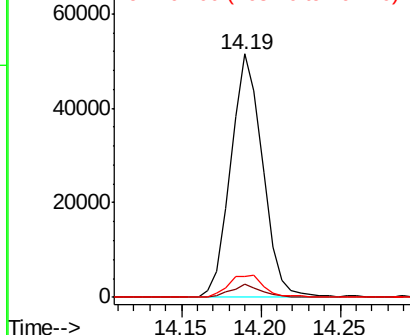
163 100

194 5.6 3.8 5.8

164 8.7 8.7 13.1#



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: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG041020.D

Acq: 1 Jun 2019 19:59

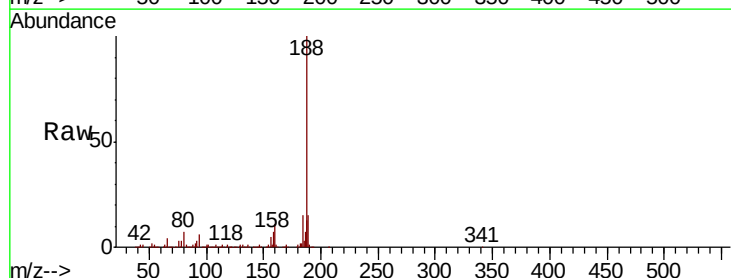
Tgt Ion:188 Resp: 429397

Ion Ratio Lower Upper

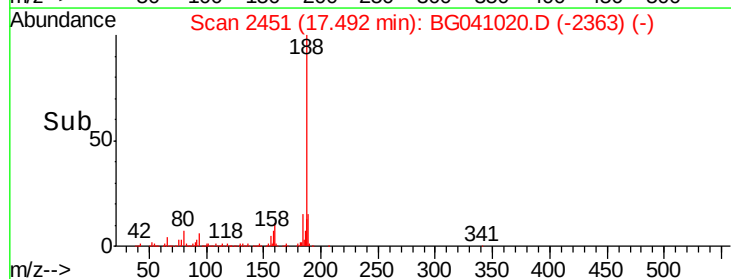
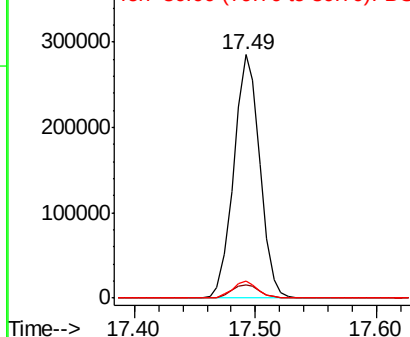
188 100

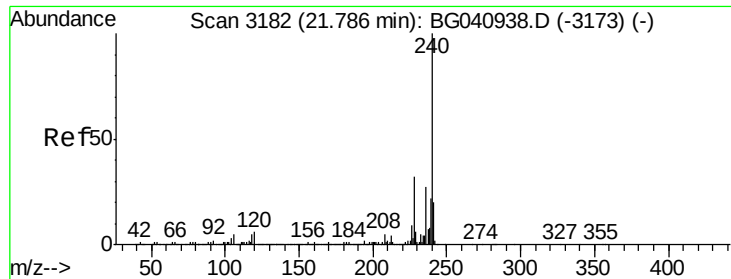
94 5.6 4.7 7.1

80 7.1 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

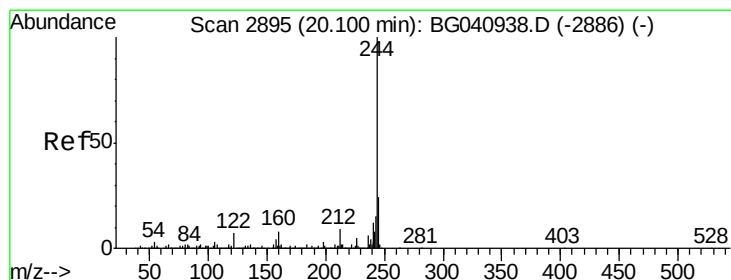
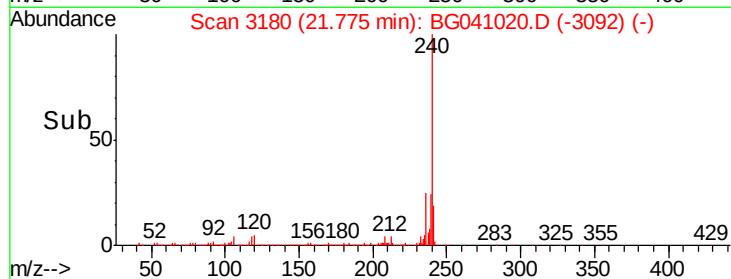
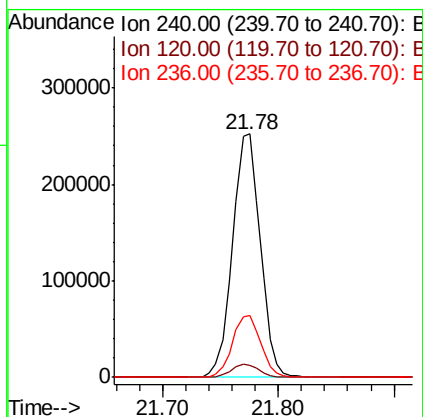
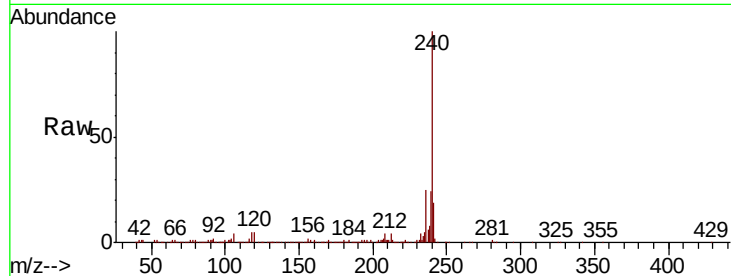




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3180
 Delta R.T. -0.01 min
 Lab File: BG041020.D
 Acq: 1 Jun 2019 19:59

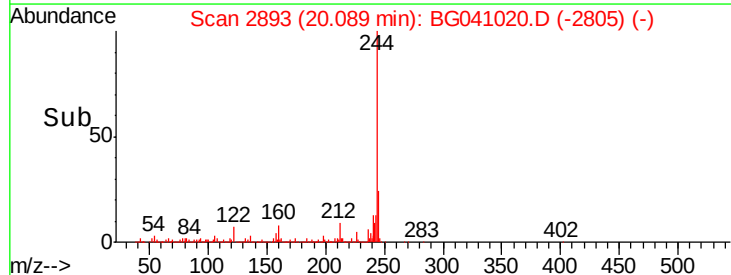
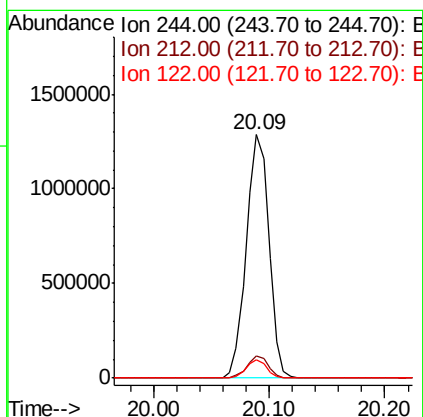
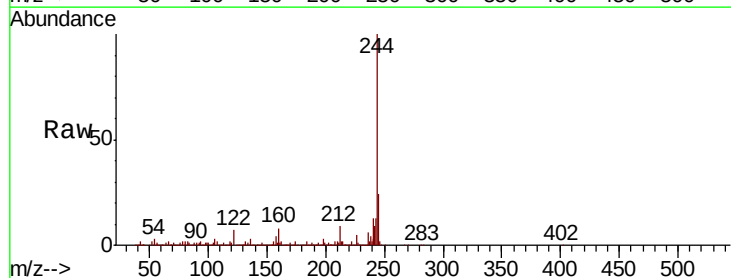
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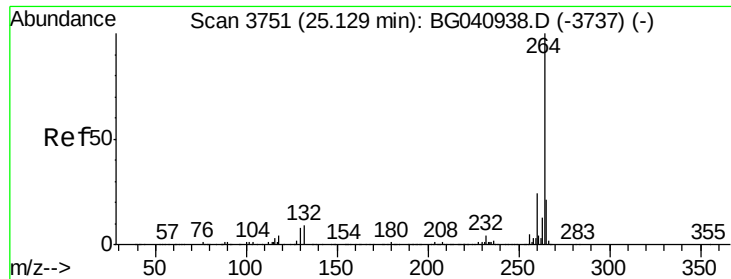
Tot Ion:240 Resp: 420138
 Ion Ratio Lower Upper
 240 100
 120 5.1 4.5 6.7
 236 25.3 21.3 31.9



#79
 Terphenyl-d14
 Concen: 88.803 ng
 RT: 20.09 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: BG041020.D
 Acq: 1 Jun 2019 19:59

Tgt Ion:244 Resp: 1757938
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.0 10.4
 122 7.5 5.4 8.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3748
 Delta R.T. -0.02 min
 Lab File: BG041020.D
 Acq: 1 Jun 2019 19:59

Instrument :
 BNA_G
 ClientSampleId :
 71-70

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	22.1	17.0	25.4

