

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
 Data File : BG041720.D
 Acq On : 18 Jul 2019 21:39
 Operator : HP/JU
 Sample : K3788-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2056

Quant Time: Jul 19 09:08:39 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

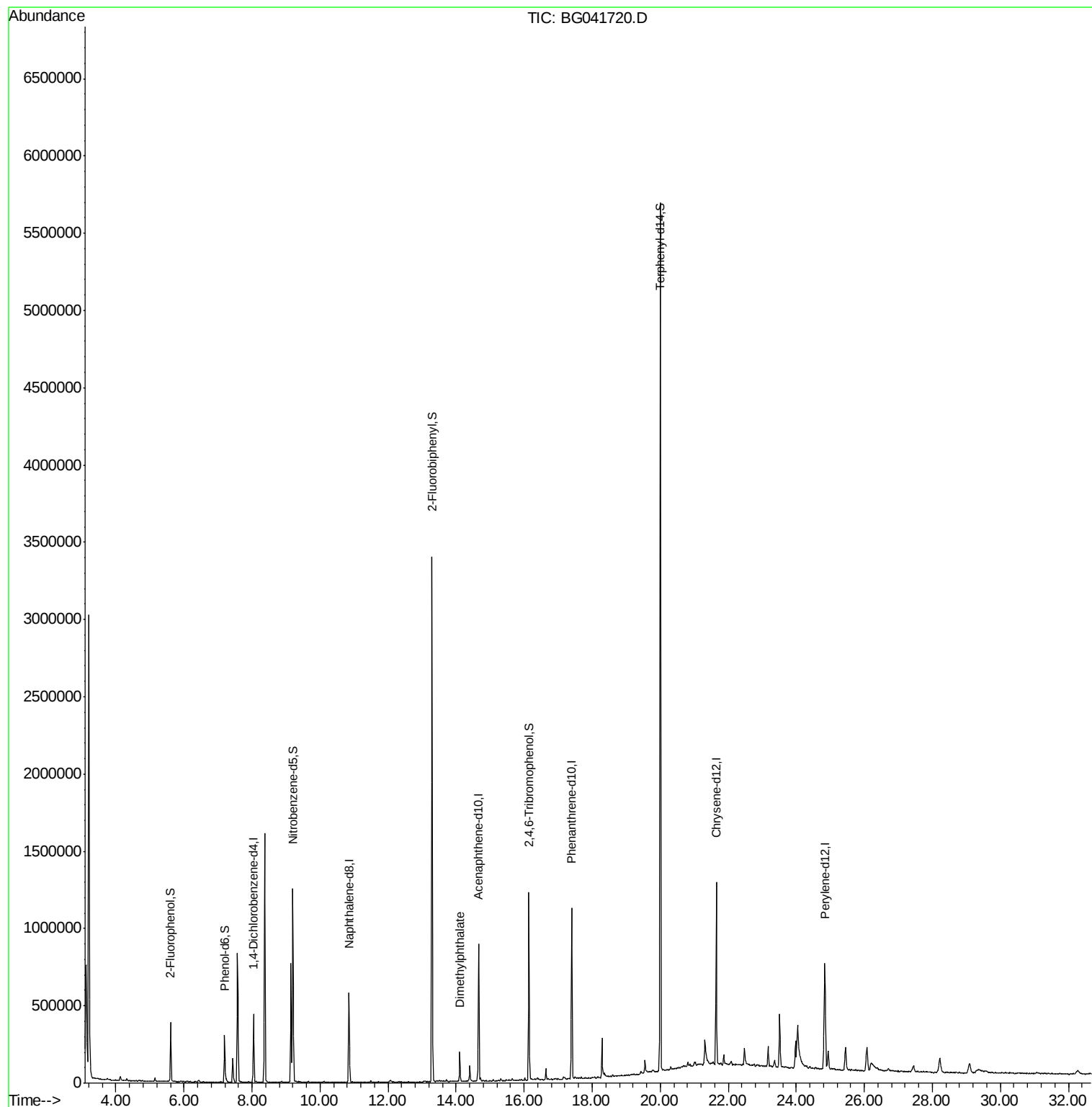
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	124599	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	499977	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	311366	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	720347	20.00	ng	0.00
76) Chrysene-d12	21.65	240	685461	20.00	ng	-0.01
87) Perylene-d12	24.84	264	774714	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	174097	22.84	ng	0.00
7) Phenol-d6	7.19	99	185502	18.09	ng	0.00
23) Nitrobenzene-d5	9.20	82	739988	90.01	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	231081	65.85	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1783043	88.68	ng	0.00
79) Terphenyl-d14	20.00	244	2399940	81.82	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	130331	5.330	ng	Qvalue 98

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

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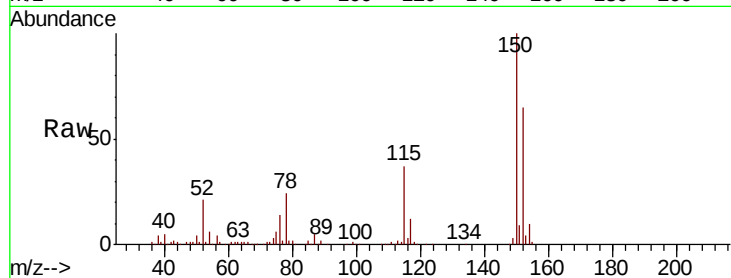


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041720.D
Acq: 18 Jul 2019 21:39

Instrument :
BNA_G
ClientSampleId :
2056

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.9	190.3
115	56.5	45.0	67.6

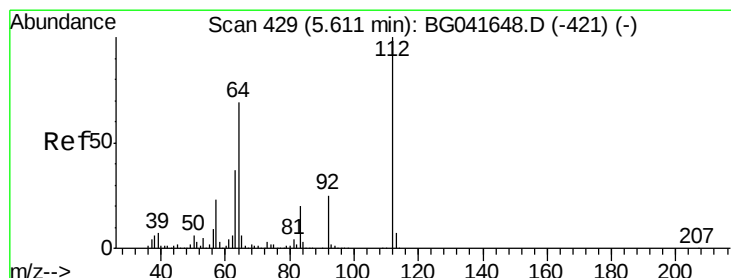
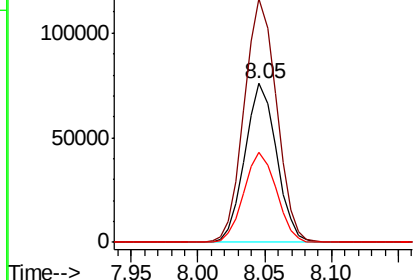
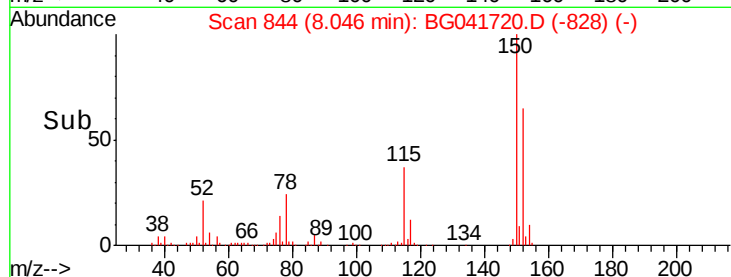


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

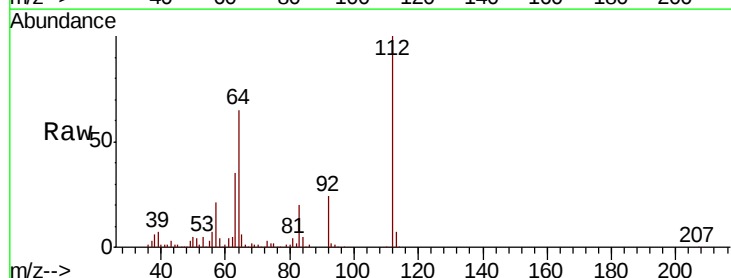
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 22.842 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041720.D
Acq: 18 Jul 2019 21:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	55.4	83.2
63	34.9	29.1	43.7

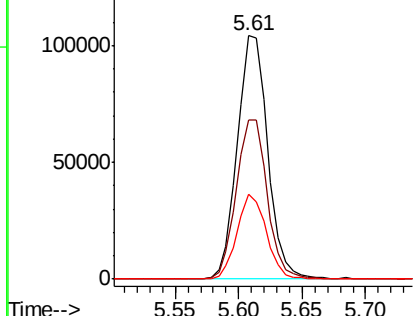
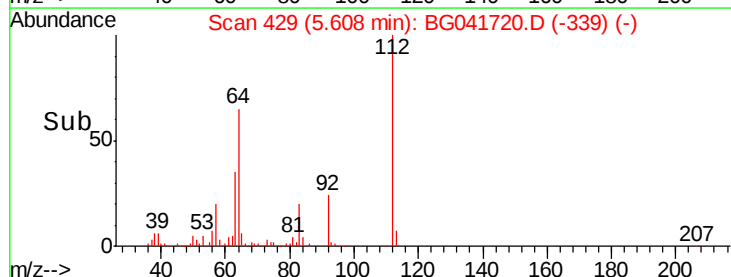


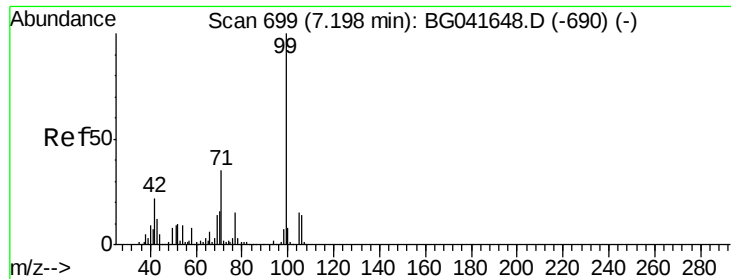
Abundance

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: 18.095 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041720.D

Acq: 18 Jul 2019 21:39

Instrument :

BNA_G

ClientSampled :

2056

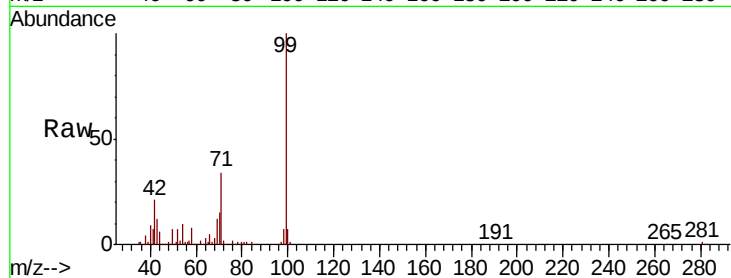
Tot Ion: 99 Resp: 185502

Ion Ratio Lower Upper

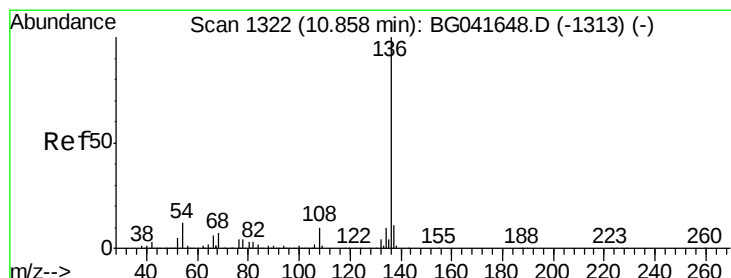
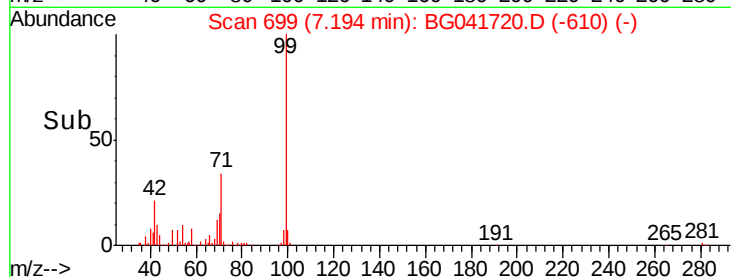
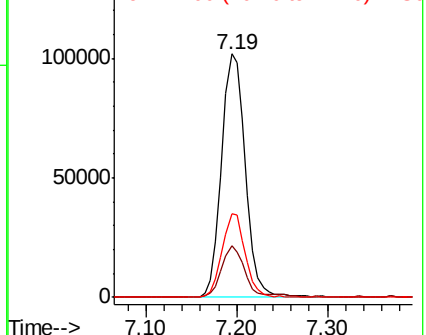
99 100

42 21.1 17.6 26.4

71 34.1 27.8 41.6



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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041720.D

Acq: 18 Jul 2019 21:39

Tgt Ion: 136 Resp: 499977

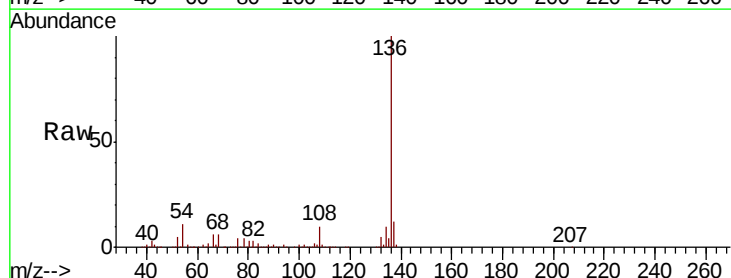
Ion Ratio Lower Upper

136 100

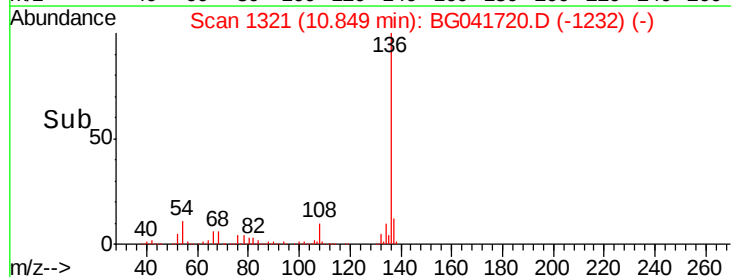
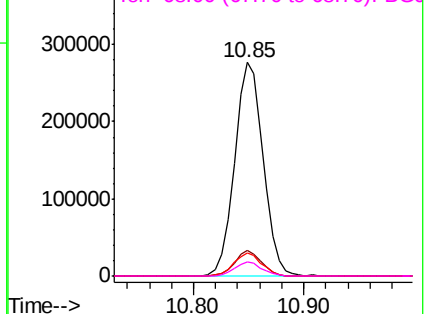
137 11.7 9.2 13.8

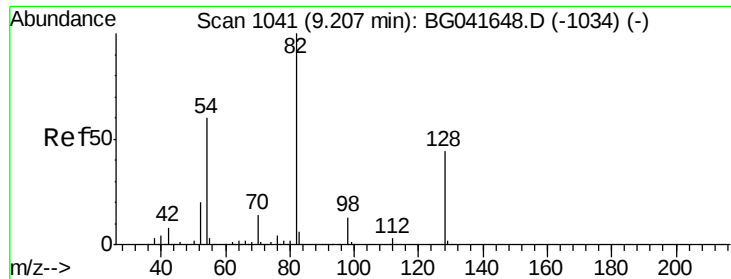
54 10.7 8.7 13.1

68 6.3 5.5 8.3



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

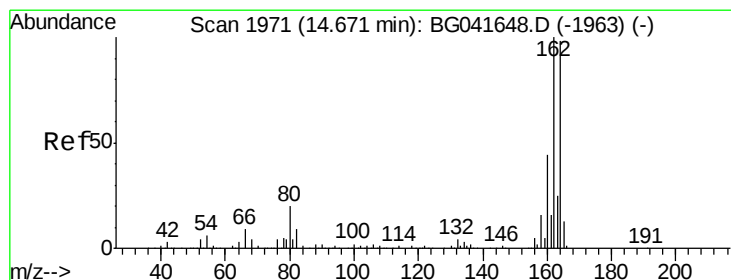
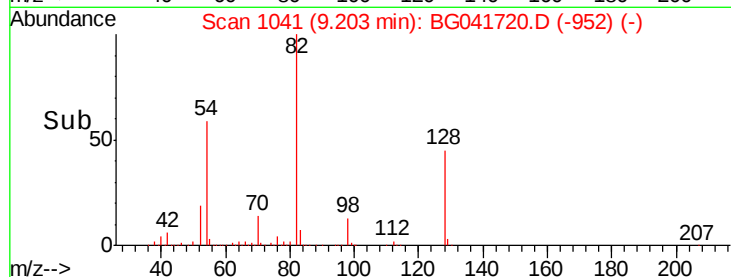
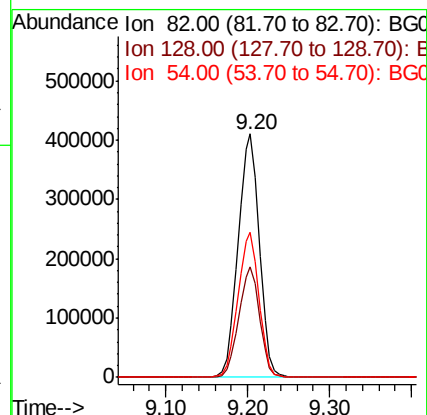
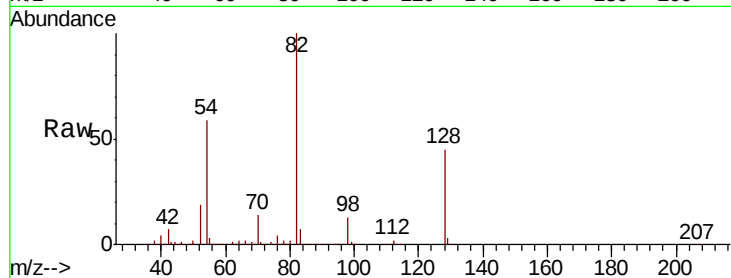




#23
Nitrobenzene-d5
Concen: 90.009 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041720.D
Acq: 18 Jul 2019 21:39

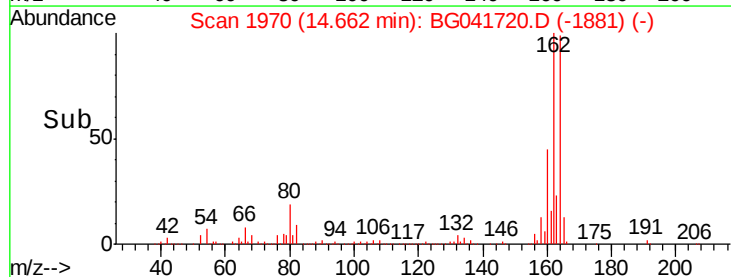
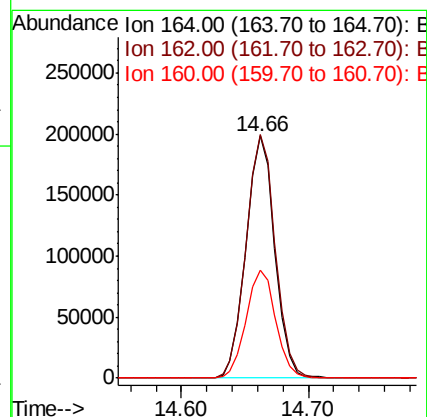
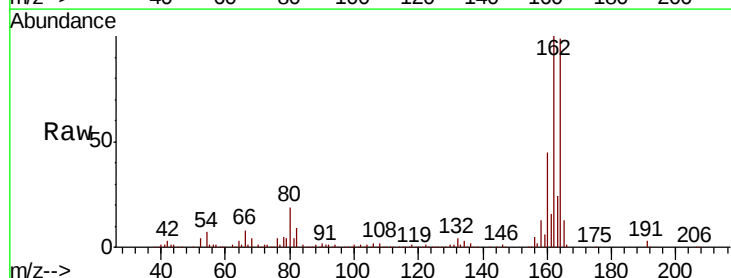
Instrument :
BNA_G
ClientSampled :
2056

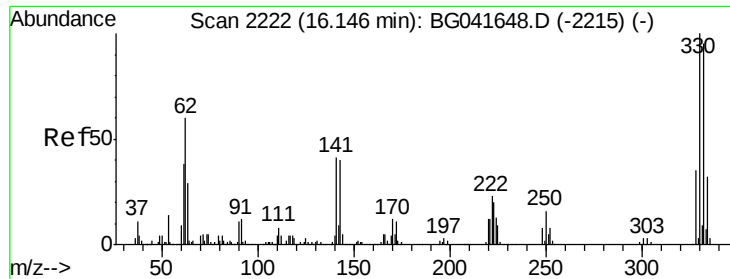
Tot Ion	82	Resp	739988
Ion Ratio	100	Lower	Upper
128	45.3	35.1	52.7
54	59.5	48.7	73.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041720.D
Acq: 18 Jul 2019 21:39

Tgt Ion	164	Resp	311366
Ion Ratio	100	Lower	Upper
162	100.7	79.6	119.4
160	44.8	35.4	53.0

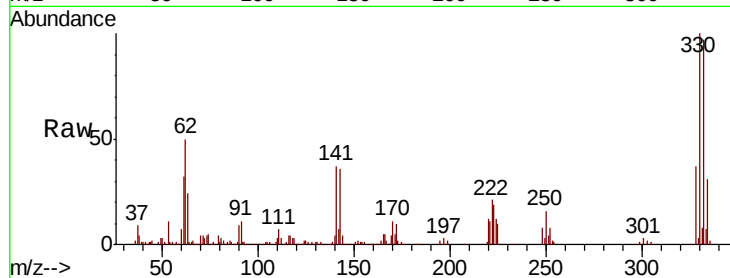




#42
 2,4,6-Tribromophenol
 Concen: 65.853 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041720.D
 Acq: 18 Jul 2019 21:39

Instrument :
 BNA_G
 ClientSampleId :
 2056

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.0
141	39.2	31.9	47.9

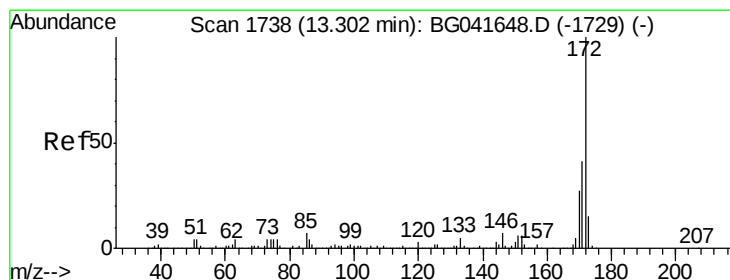
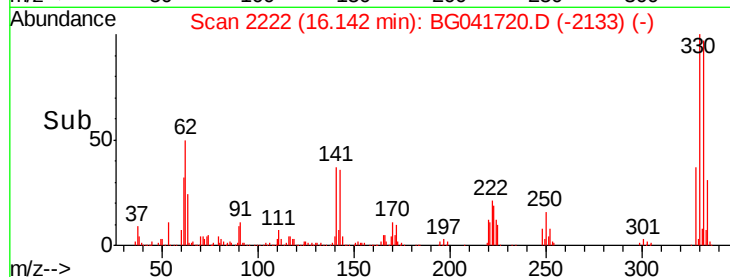
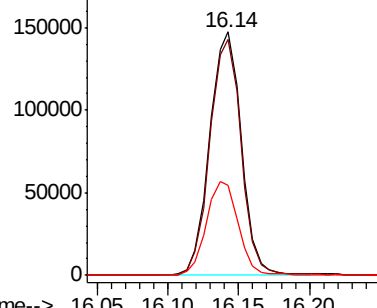


Abundance

Ion 329.80 (329.50 to 330.50): E

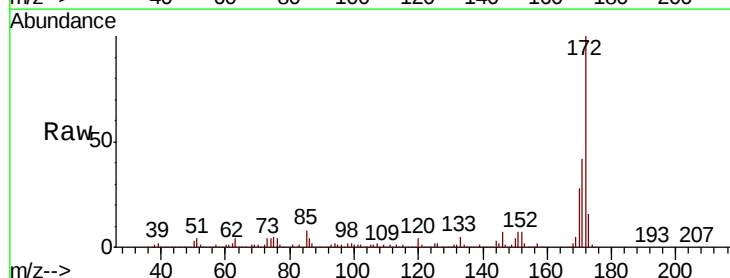
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.675 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG041720.D
 Acq: 18 Jul 2019 21:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	42.1	35.0	52.4
170	28.0	23.5	35.3

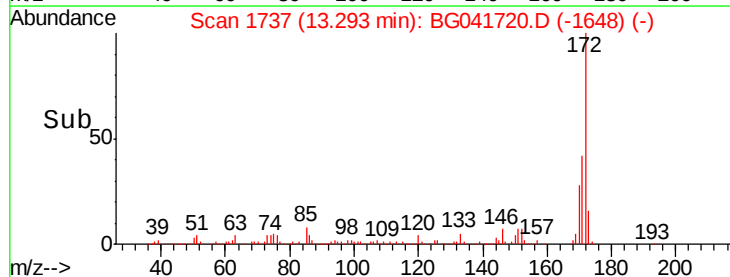
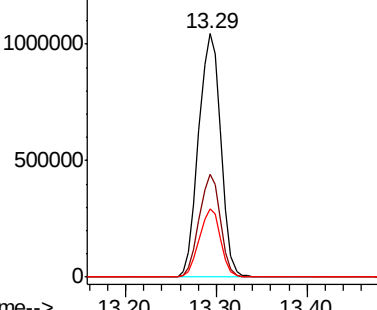


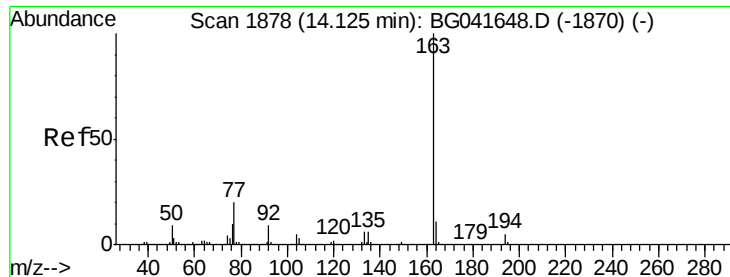
Abundance

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





#50

Dimethylphthalate

Concen: 5.330 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041720.D

Acq: 18 Jul 2019 21:39

Instrument :

BNA_G

ClientSampleId :

2056

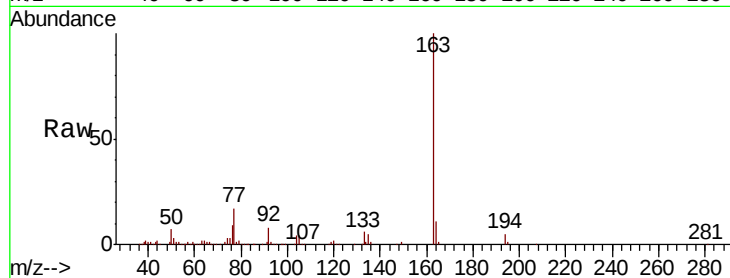
Tot Ion:163 Resp: 130331

Ion Ratio Lower Upper

163 100

194 4.8 4.2 6.2

164 11.0 9.4 14.2

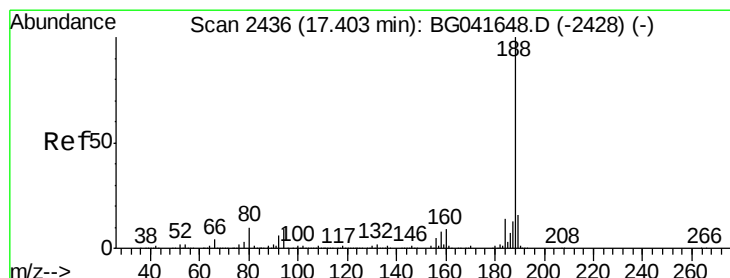
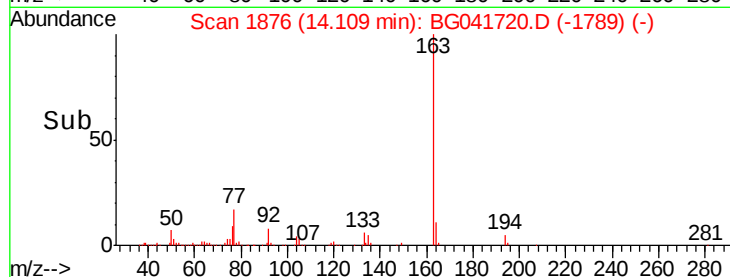
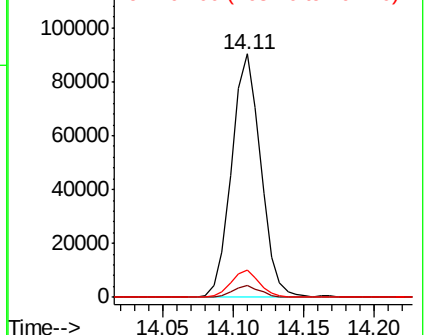


Abundance

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: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG041720.D

Acq: 18 Jul 2019 21:39

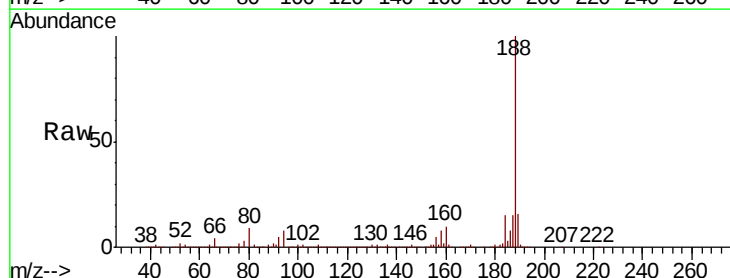
Tgt Ion:188 Resp: 720347

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

80 9.5 8.0 12.0

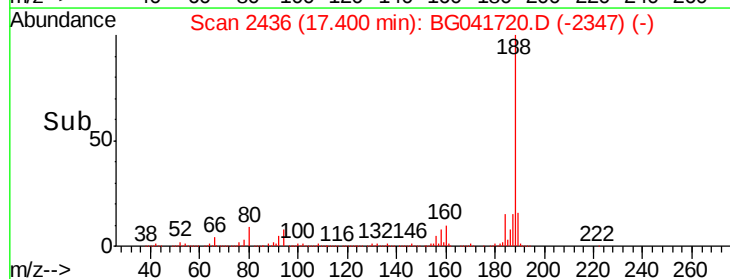
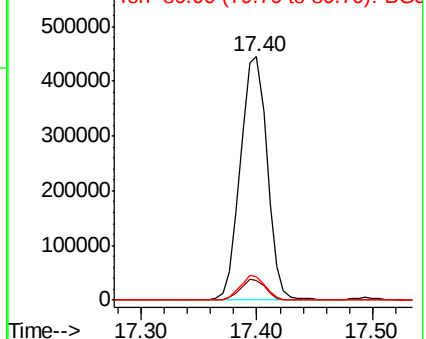


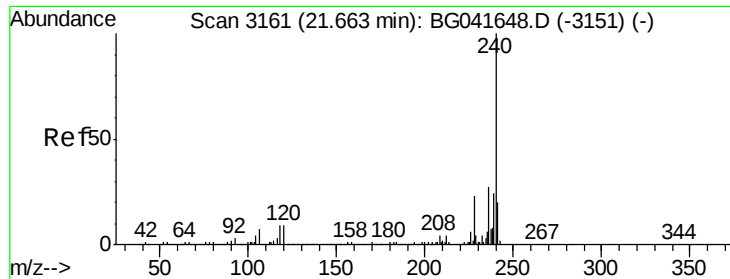
Abundance

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

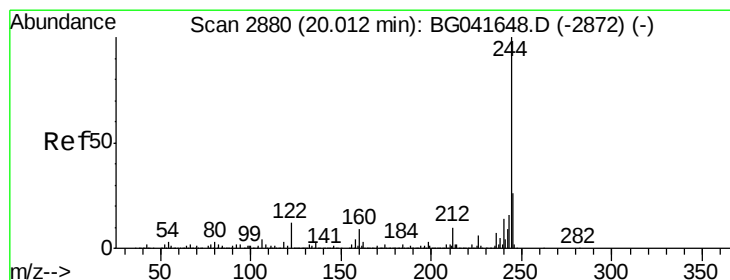
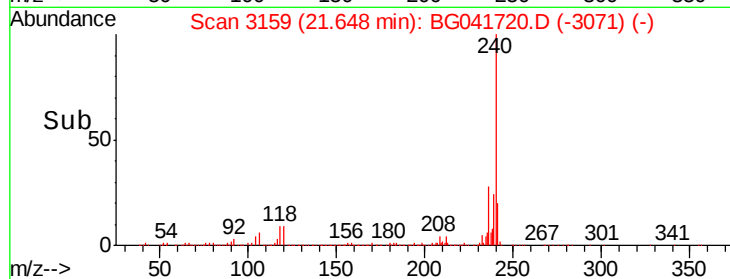
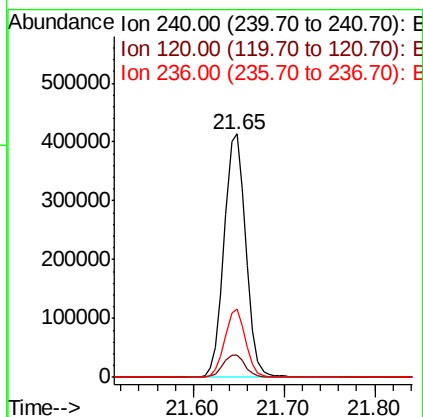
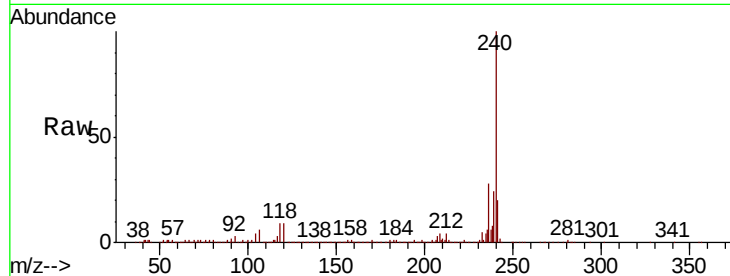




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG041720.D
Acq: 18 Jul 2019 21:39

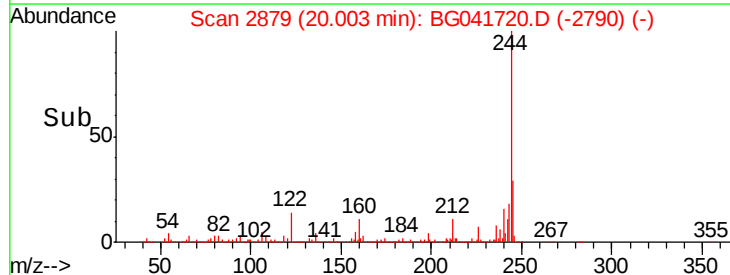
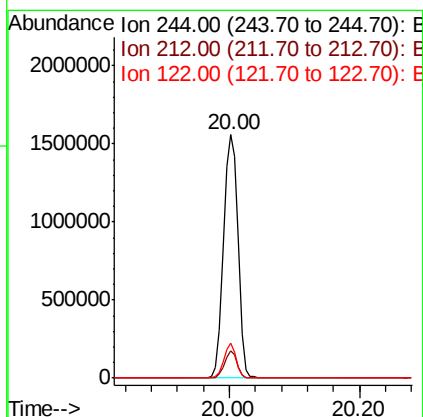
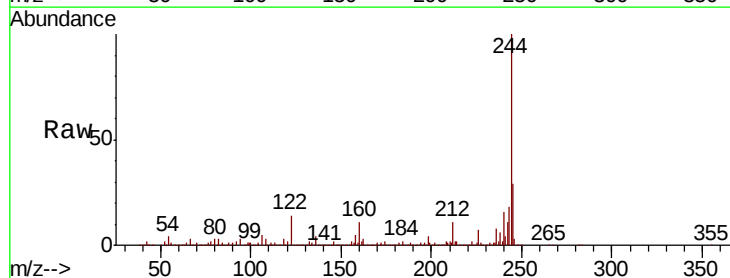
Instrument :
BNA_G
ClientSampled :
2056

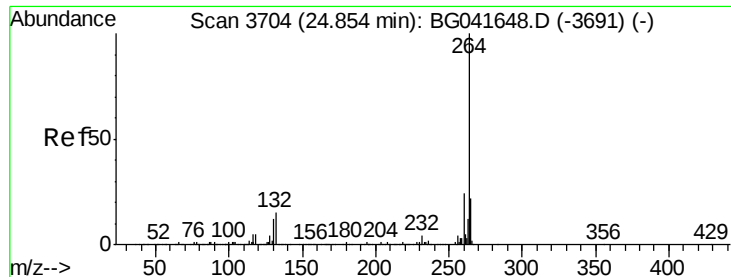
Tot Ion:240 Resp: 685461
Ion Ratio Lower Upper
240 100
120 8.9 8.0 12.0
236 27.9 22.6 33.8



#79
Terphenyl-d14
Concen: 81.819 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG041720.D
Acq: 18 Jul 2019 21:39

Tgt Ion:244 Resp: 2399940
Ion Ratio Lower Upper
244 100
212 11.2 9.7 14.5
122 14.2 12.5 18.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3702
Delta R.T. -0.03 min
Lab File: BG041720.D
Acq: 18 Jul 2019 21:39

Instrument :
BNA_G
ClientSampleId :
2056

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.5	18.0	27.0

