

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
 Data File : BG041729.D
 Acq On : 19 Jul 2019 11:12
 Operator : HP/JU
 Sample : K3882-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 U3MW-5S

Quant Time: Jul 20 00:03:25 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

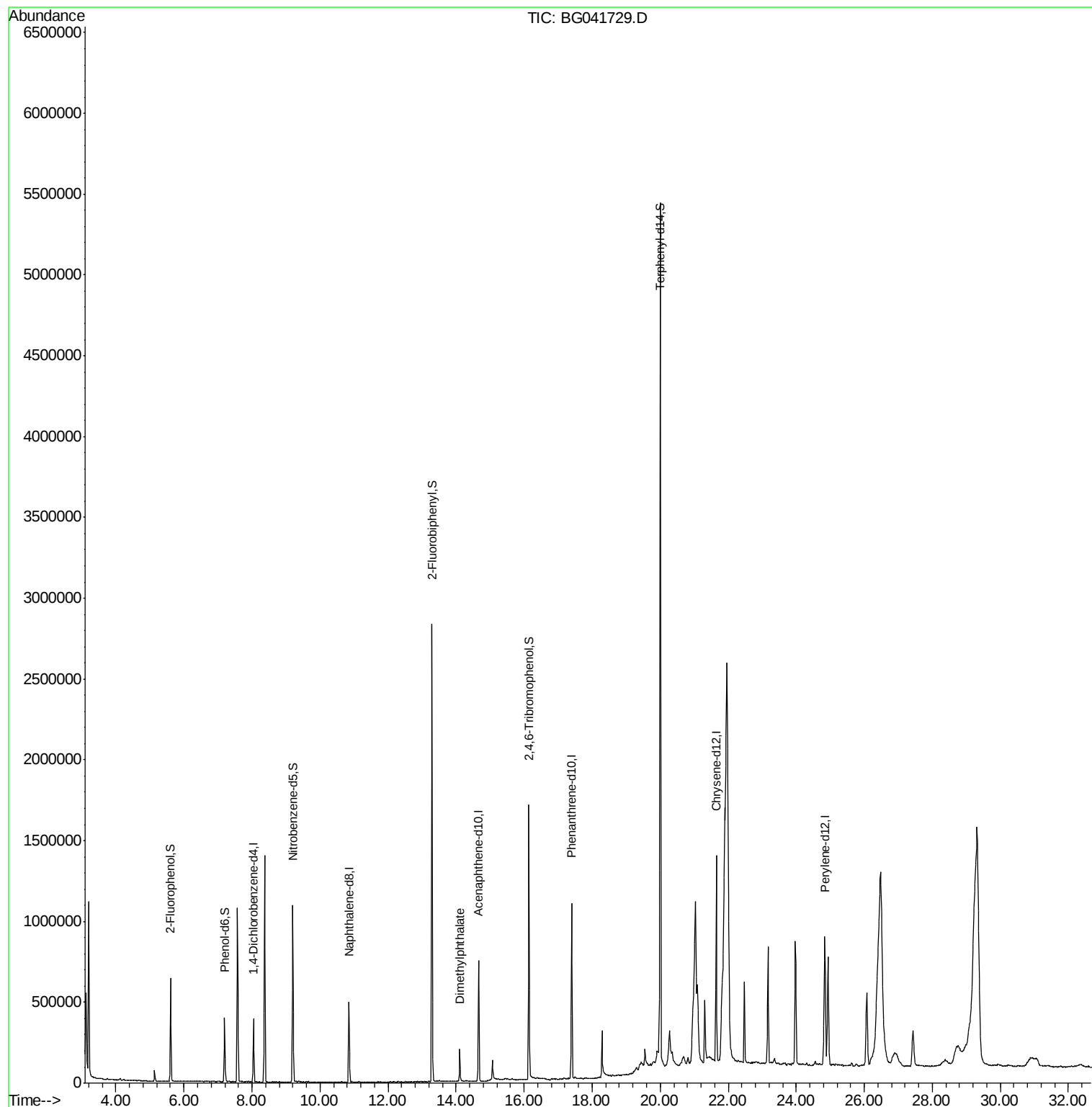
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	114120	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	440137	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	268944	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	685522	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	746255	20.00	ng	-0.01
87) Perylene-d12	24.85	264	894089	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	279225	40.00	ng	0.00
7) Phenol-d6	7.20	99	232133	24.72	ng	0.00
23) Nitrobenzene-d5	9.20	82	655854	90.62	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	329773	108.80	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1512740	87.10	ng	0.00
79) Terphenyl-d14	20.00	244	2312071	72.40	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	135159	6.399	ng	Qvalue 98

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

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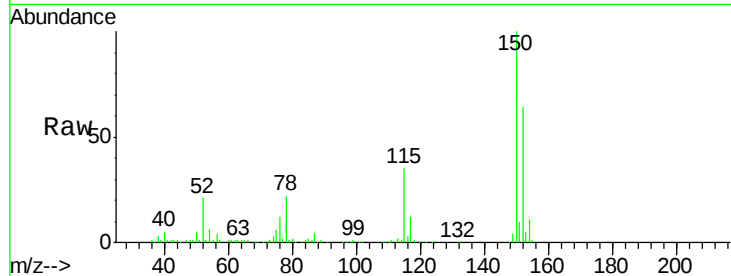


#1

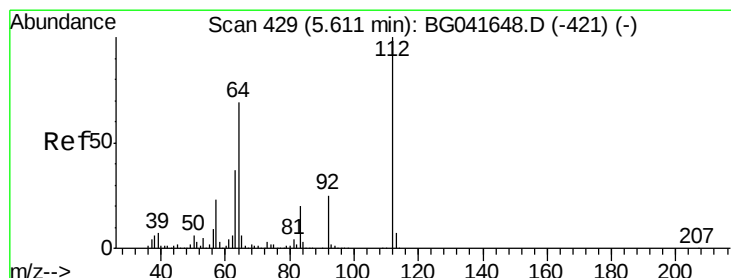
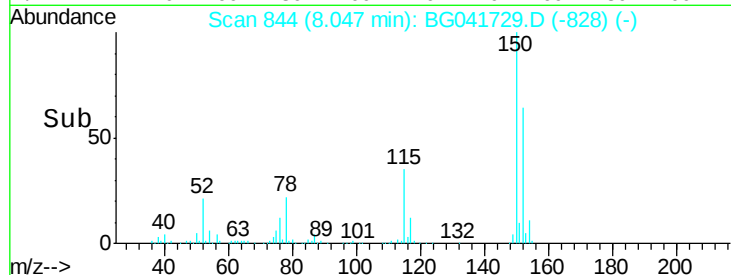
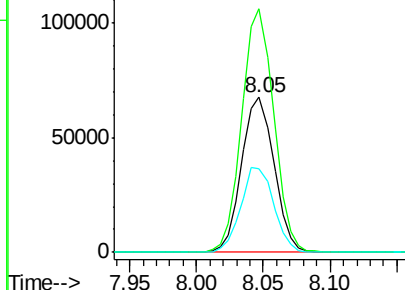
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BG041729.D
 Acq: 19 Jul 2019 11:12

Instrument :
 BNA_G
 ClientSampleId :
 U3MW-5S

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.9	190.3
115	54.3	45.0	67.6



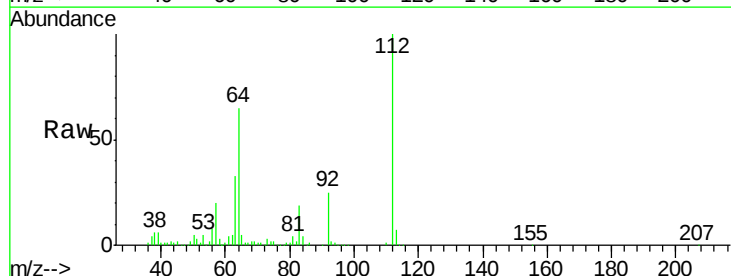
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



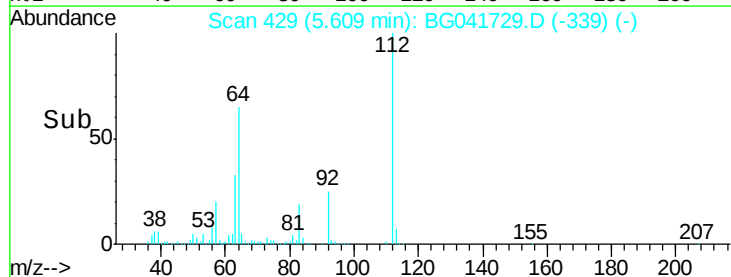
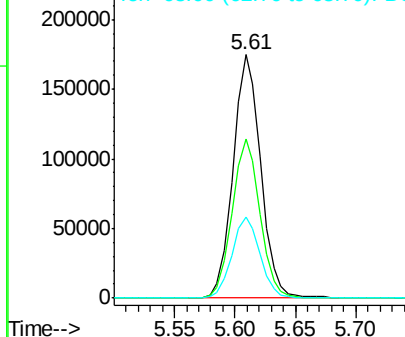
#5

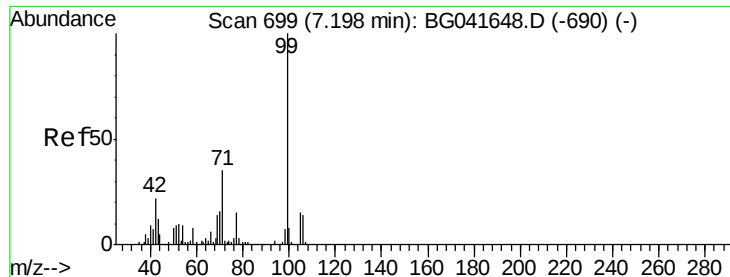
2-Fluorophenol
 Concen: 39.998 ng
 RT: 5.61 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BG041729.D
 Acq: 19 Jul 2019 11:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	55.4	83.2
63	33.4	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: 24.722 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041729.D

Acq: 19 Jul 2019 11:12

Instrument :

BNA_G

ClientSampleId :

U3MW-5S

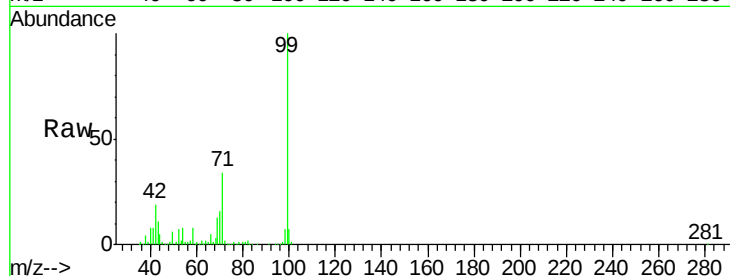
Tot Ion: 99 Resp: 232133

Ion Ratio Lower Upper

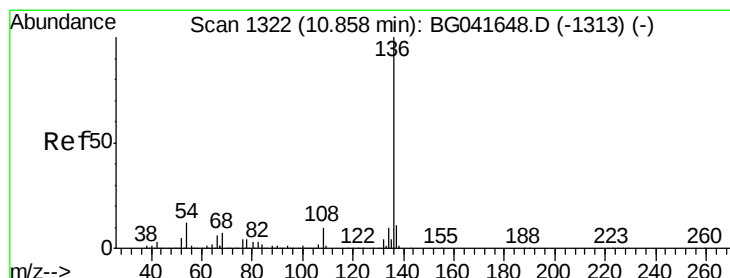
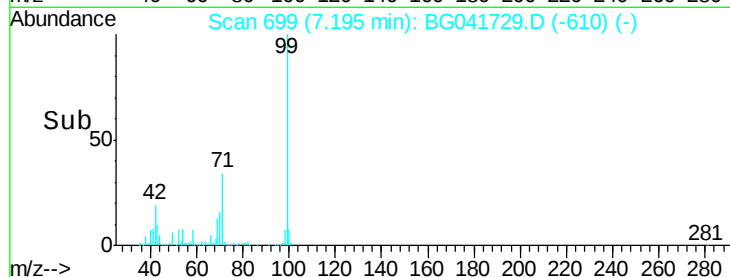
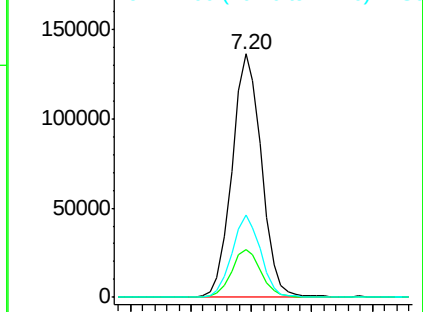
99 100

42 19.4 17.6 26.4

71 33.9 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: BG041729.D

Acq: 19 Jul 2019 11:12

Tgt Ion: 136 Resp: 440137

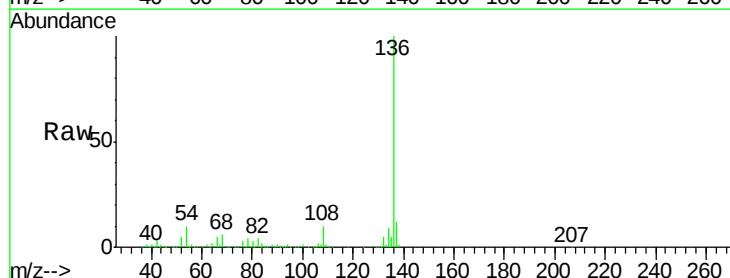
Ion Ratio Lower Upper

136 100

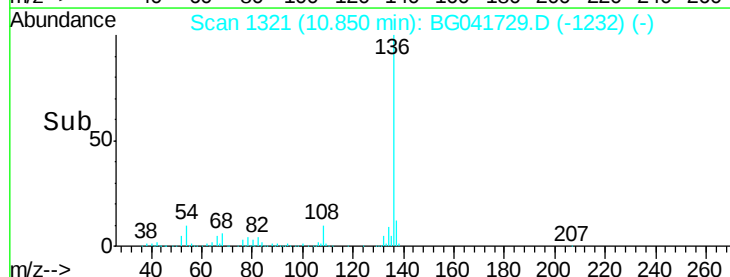
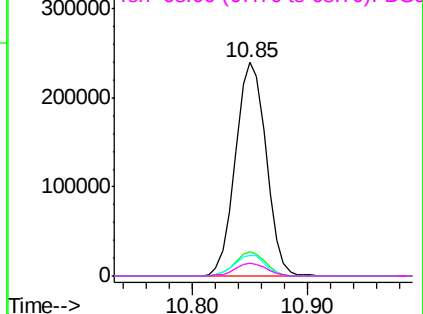
137 11.6 9.2 13.8

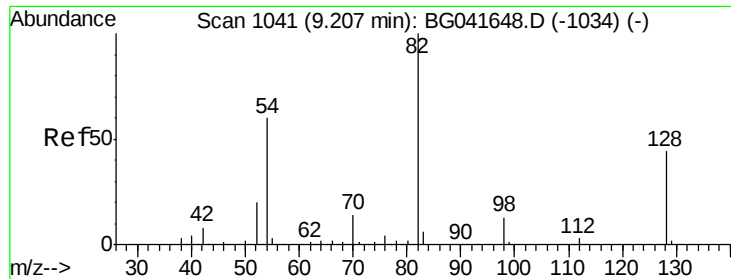
54 9.9 8.7 13.1

68 5.8 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

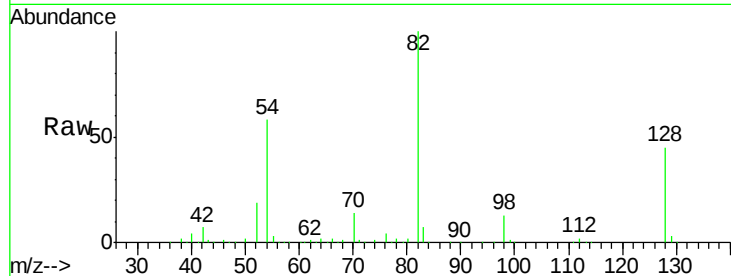




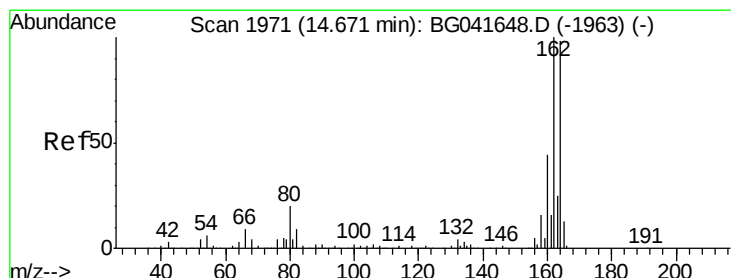
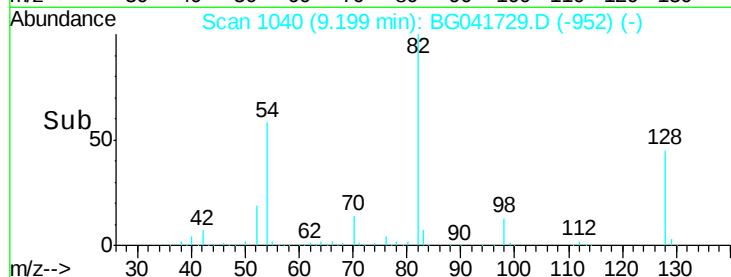
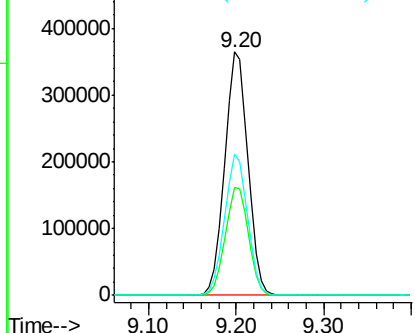
#23
Nitrobenzene-d5
Concen: 90.621 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041729.D
Acq: 19 Jul 2019 11:12

Instrument :
BNA_G
ClientSampled :
U3MW-5S

Tot Ion: 82 Resp: 655854
Ion Ratio Lower Upper
82 100
128 44.5 35.1 52.7
54 58.1 48.7 73.1

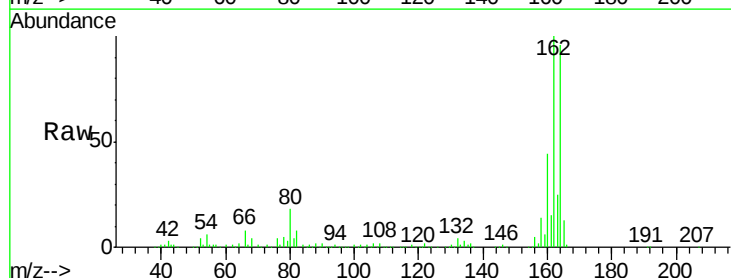


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

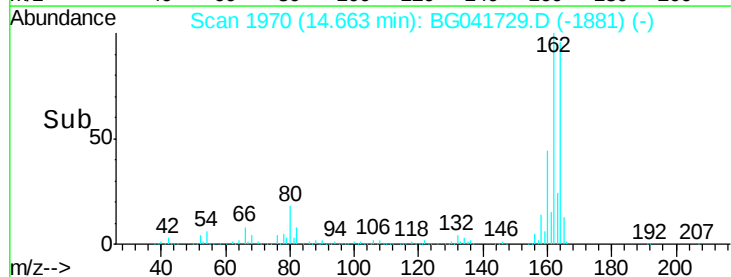
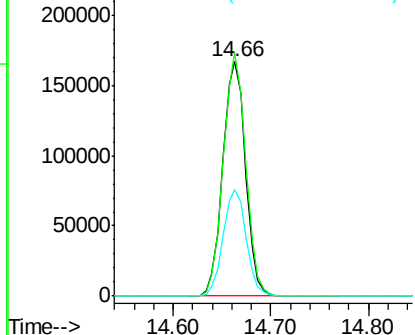


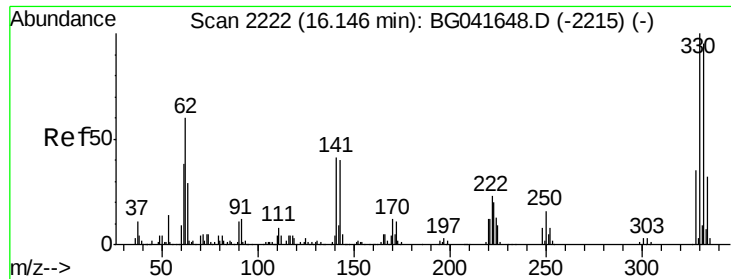
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041729.D
Acq: 19 Jul 2019 11:12

Tgt Ion:164 Resp: 268944
Ion Ratio Lower Upper
164 100
162 103.8 79.6 119.4
160 45.4 35.4 53.0



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

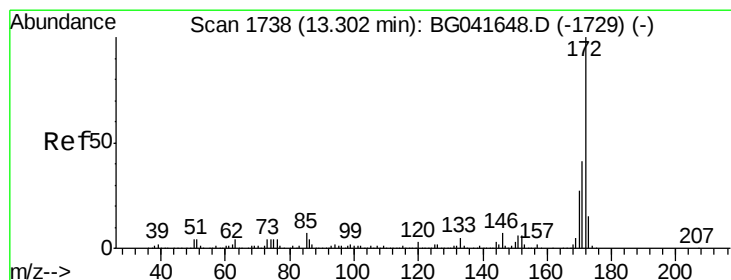
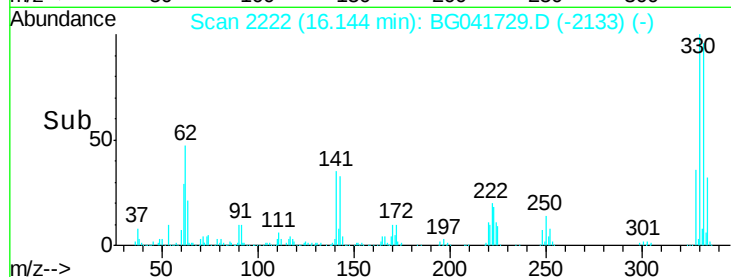
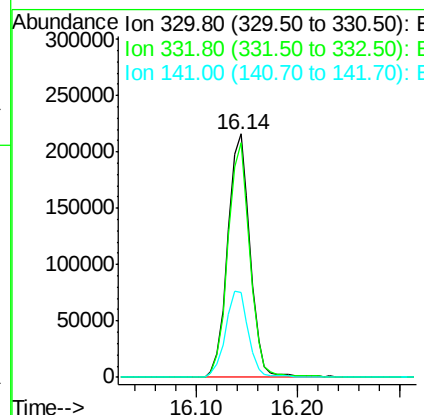
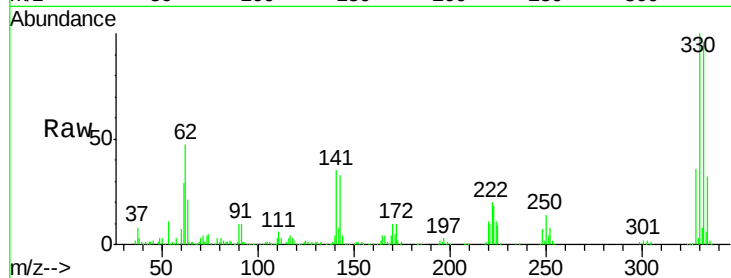




#42
 2,4,6-Tribromophenol
 Concen: 108.802 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041729.D
 Acq: 19 Jul 2019 11:12

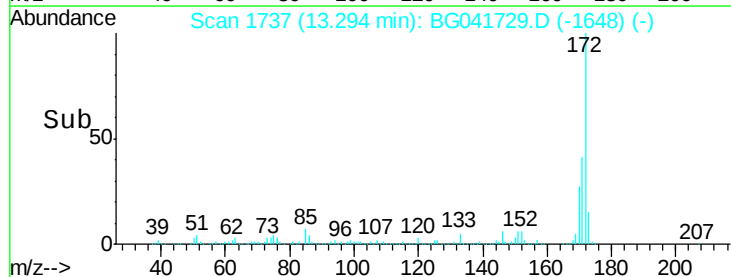
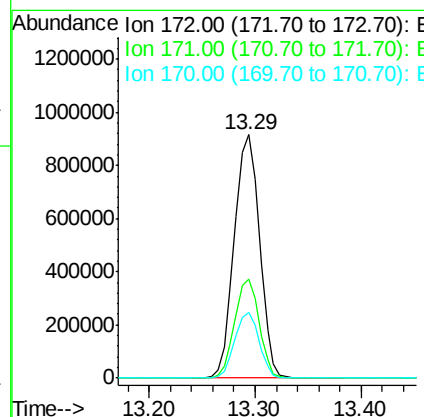
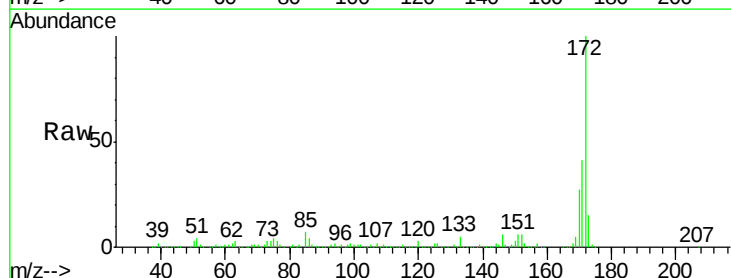
Instrument :
 BNA_G
 ClientSampleId :
 U3MW-5S

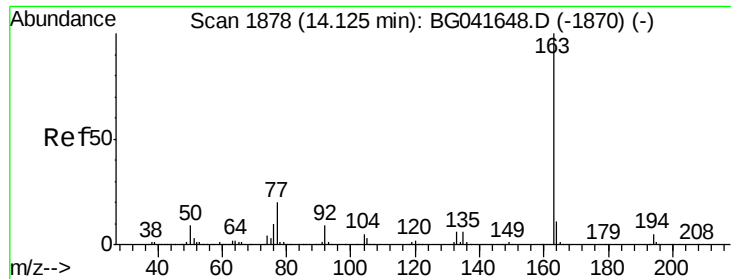
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.4	116.0
141	36.5	31.9	47.9



#45
 2-Fluorobiphenyl
 Concen: 87.099 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG041729.D
 Acq: 19 Jul 2019 11:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.7	35.0	52.4
170	26.9	23.5	35.3





#50

Dimethylphthalate

Concen: 6.399 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041729.D

Acq: 19 Jul 2019 11:12

Instrument :

BNA_G

ClientSampleId :

U3MW-5S

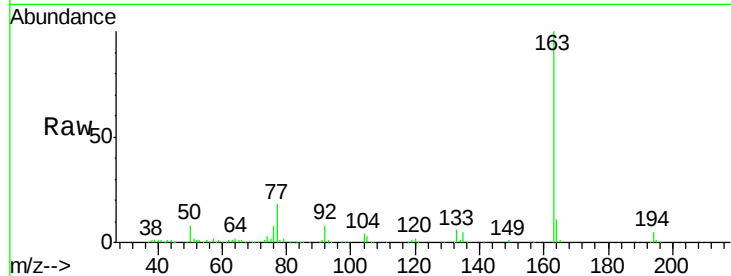
Tot Ion:163 Resp: 135159

Ion Ratio Lower Upper

163 100

194 4.9 4.2 6.2

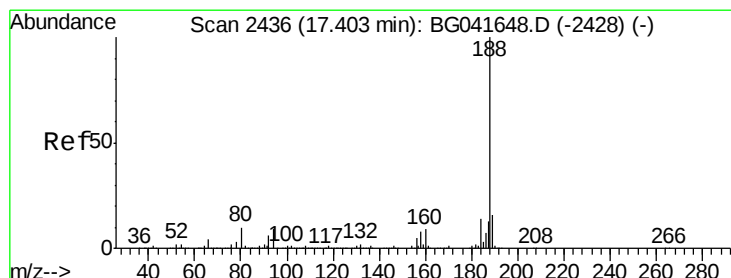
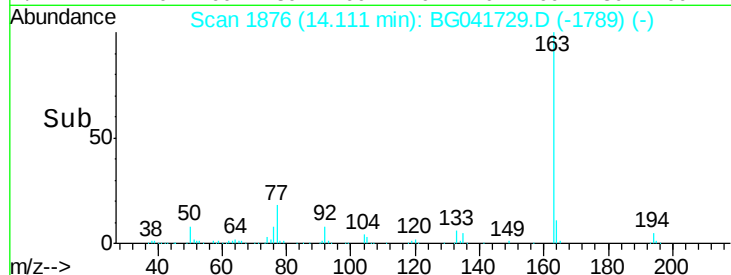
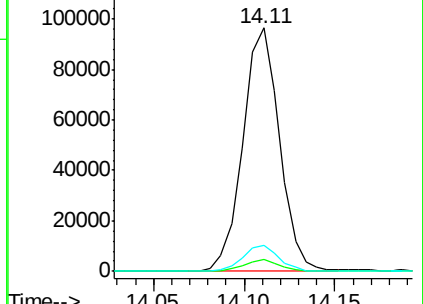
164 10.6 9.4 14.2



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: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG041729.D

Acq: 19 Jul 2019 11:12

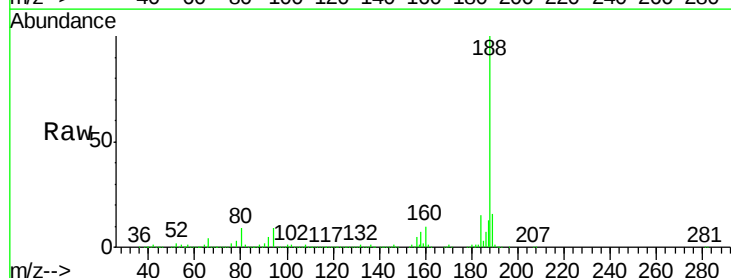
Tgt Ion:188 Resp: 685522

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

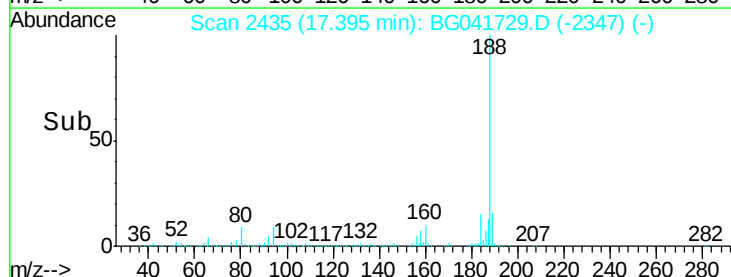
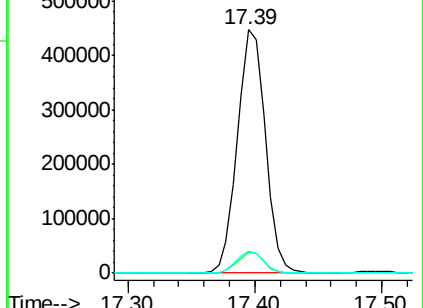
80 9.3 8.0 12.0

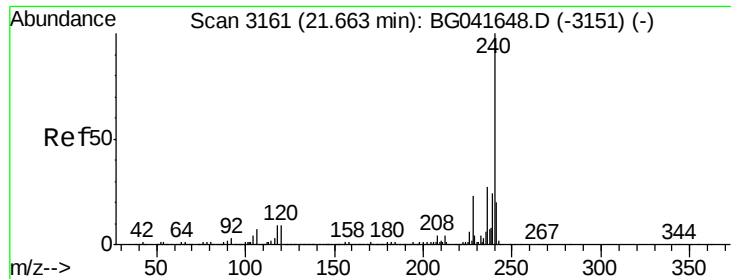


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG041729.D

Acq: 19 Jul 2019 11:12

Instrument :

BNA_G

ClientSampleId :

U3MW-5S

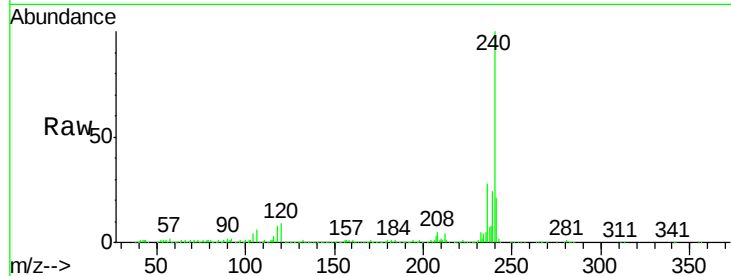
Tot Ion:240 Resp: 746255

Ion Ratio Lower Upper

240 100

120 8.8 8.0 12.0

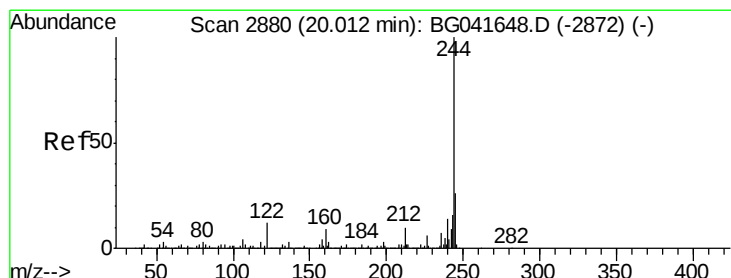
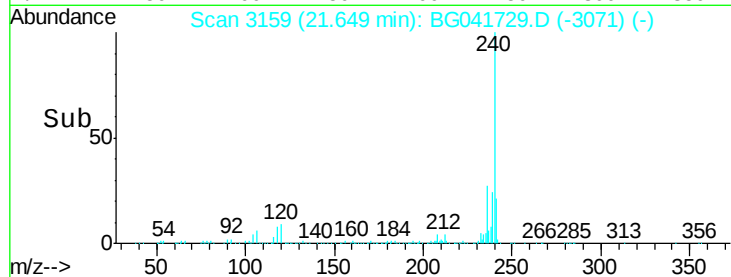
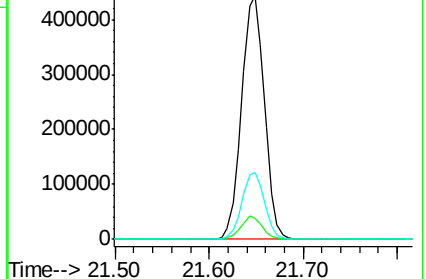
236 27.5 22.6 33.8



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



#79

Terphenyl-d14

Concen: 72.402 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041729.D

Acq: 19 Jul 2019 11:12

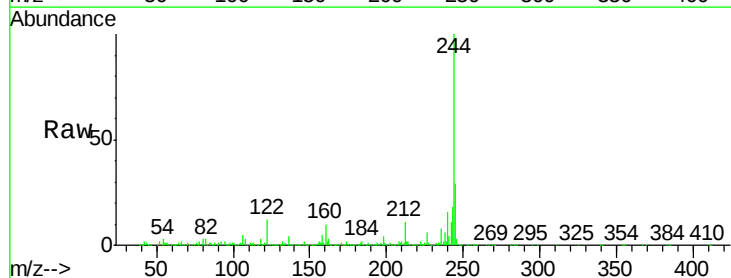
Tgt Ion:244 Resp: 2312071

Ion Ratio Lower Upper

244 100

212 10.9 9.7 14.5

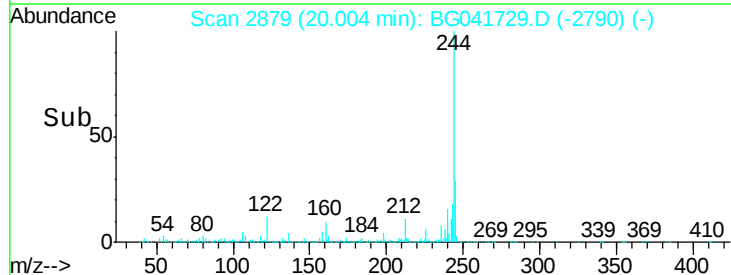
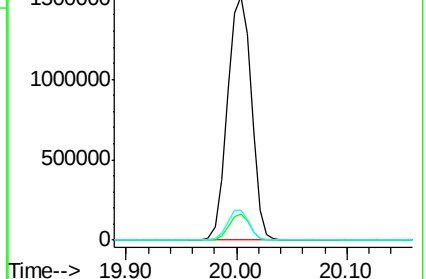
122 12.3 12.5 18.7#

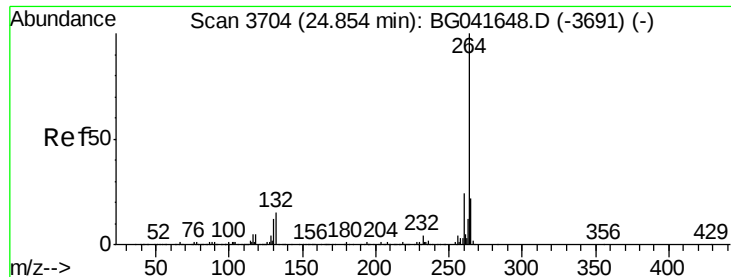


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG041729.D
Acq: 19 Jul 2019 11:12

Instrument :
BNA_G
ClientSampleId :
U3MW-5S

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.0	19.5	29.3	
265	22.4	18.0	27.0	

