

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042318.D
 Acq On : 18 Aug 2019 11:19
 Operator : HP/JU
 Sample : K4324-10
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T8-F1-(0-4)

Quant Time: Aug 19 08:29:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:42:36 2019
 Response via : Initial Calibration

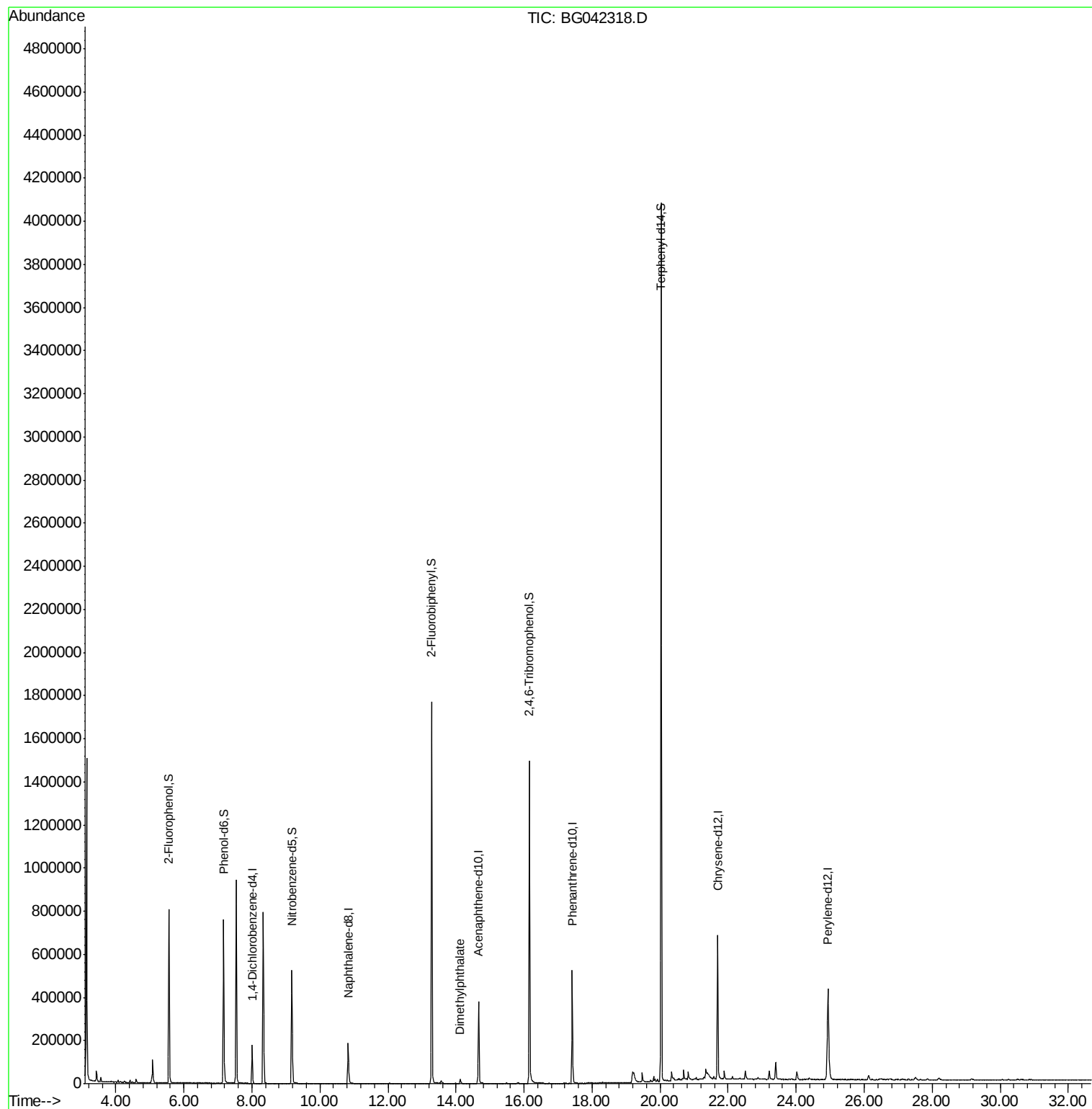
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	57862	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	215317	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	157346	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	379235	20.00	ng	0.00
76) Chrysene-d12	21.69	240	434249	20.00	ng	0.00
87) Perylene-d12	24.94	264	502637	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	416401	140.02	ng	0.00
7) Phenol-d6	7.17	99	527050	131.45	ng	0.00
23) Nitrobenzene-d5	9.17	82	351066	112.20	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	368393	206.12	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1070491	119.99	ng	0.00
79) Terphenyl-d14	20.03	244	2035959	107.28	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	24511	2.281	ng	Qvalue 98

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

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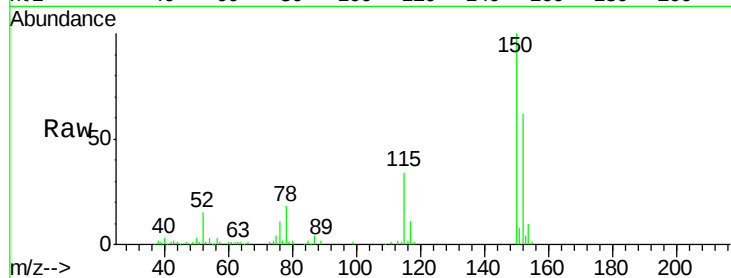


#1

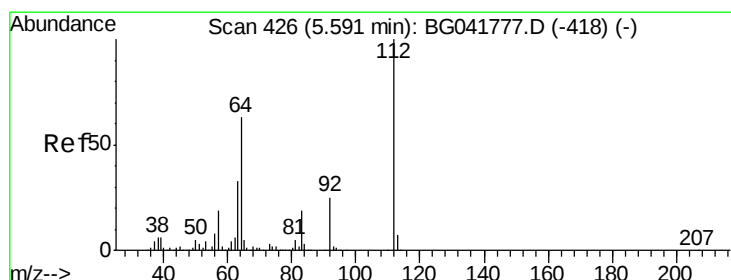
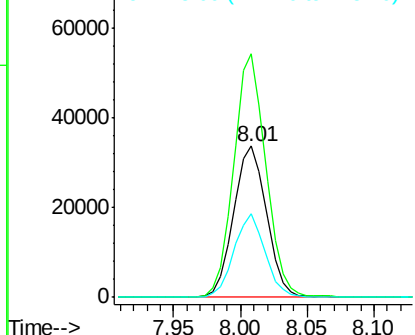
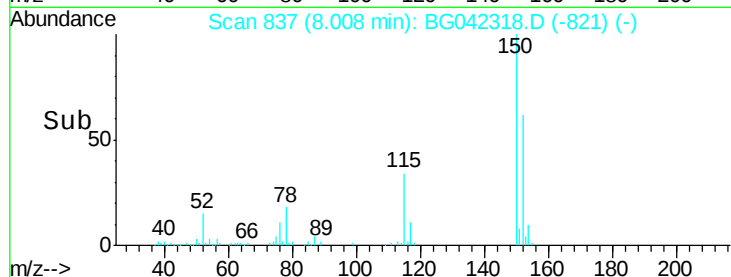
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042318.D
Acq: 18 Aug 2019 11:19

Instrument :
BNA_G
ClientSampleId :
T8-F1-(0-4)

Tot Ion	152	Resp	57862
Ion Ratio	Lower	Upper	
152	100		
150	161.4	126.9	190.3
115	55.1	45.0	67.6



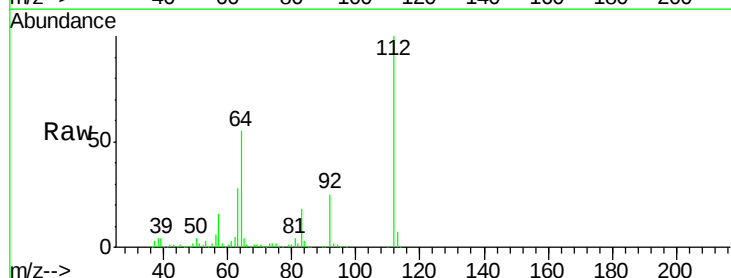
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



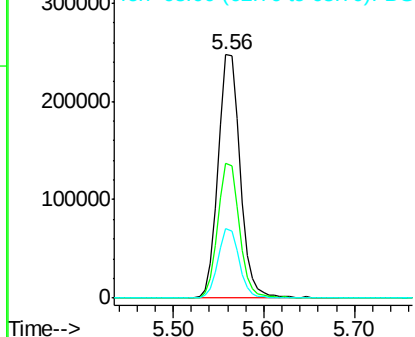
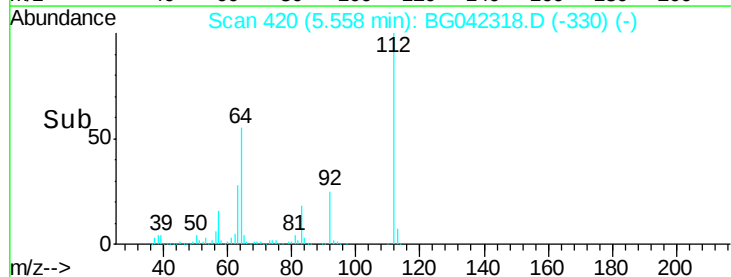
#5

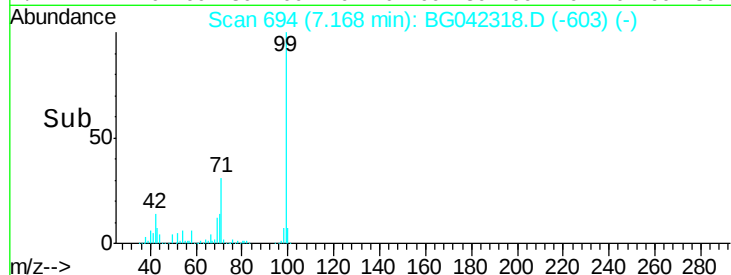
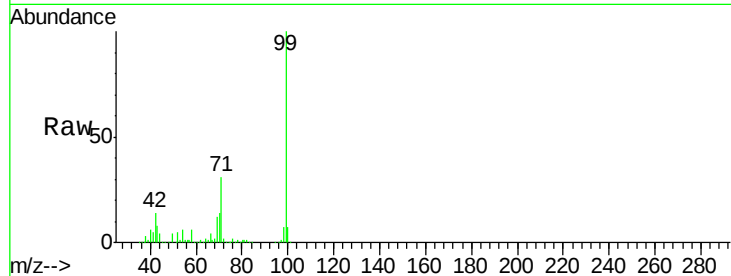
2-Fluorophenol
Concen: 140.016 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042318.D
Acq: 18 Aug 2019 11:19

Tgt Ion	112	Resp	416401
Ion Ratio	Lower	Upper	
112	100		
64	55.4	55.4	83.2#
63	28.4	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: 131.454 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG042318.D

Acq: 18 Aug 2019 11:19

Instrument :

BNA_G

ClientSampleId :

T8-F1-(0-4)

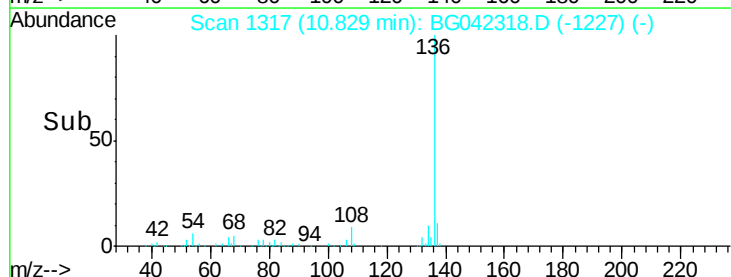
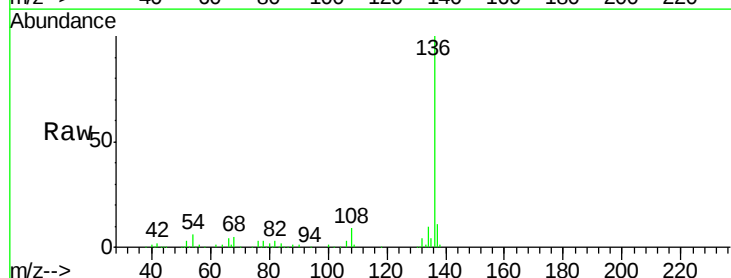
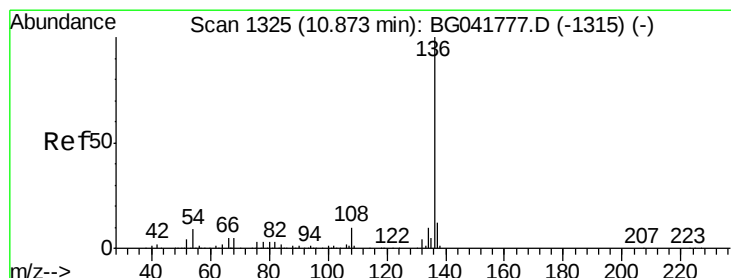
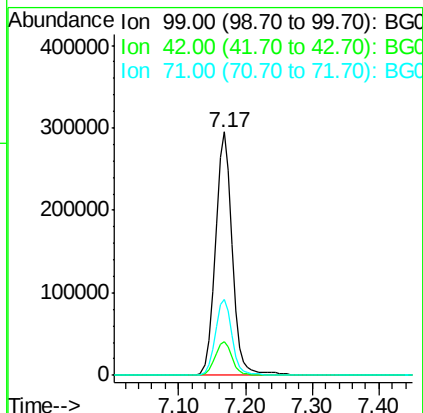
Tot Ion: 99 Resp: 527050

Ion Ratio Lower Upper

99 100

42 13.9 17.6 26.4#

71 31.1 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG042318.D

Acq: 18 Aug 2019 11:19

Tgt Ion: 136 Resp: 215317

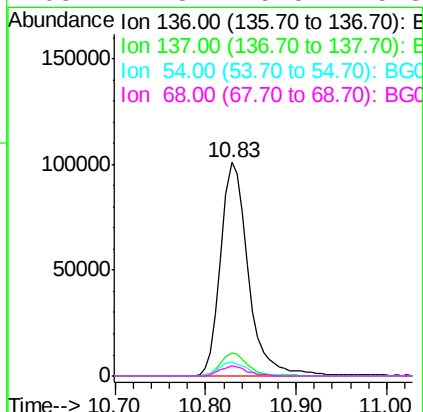
Ion Ratio Lower Upper

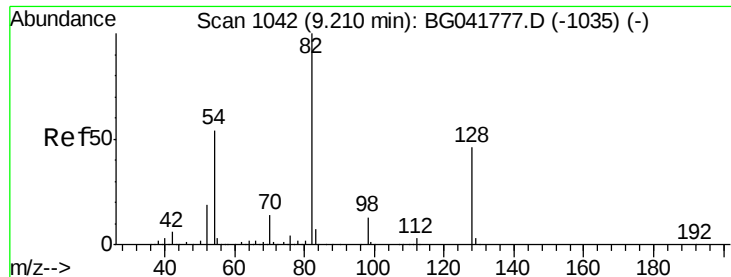
136 100

137 11.0 9.2 13.8

54 6.4 8.7 13.1#

68 4.8 5.5 8.3#

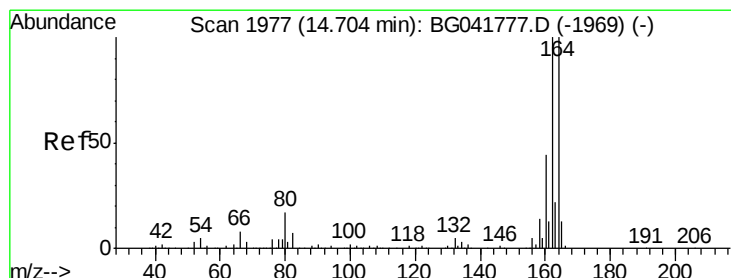
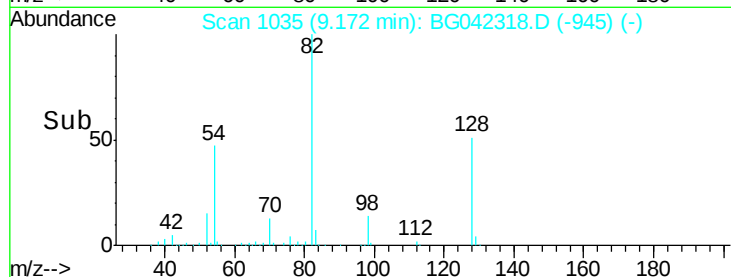
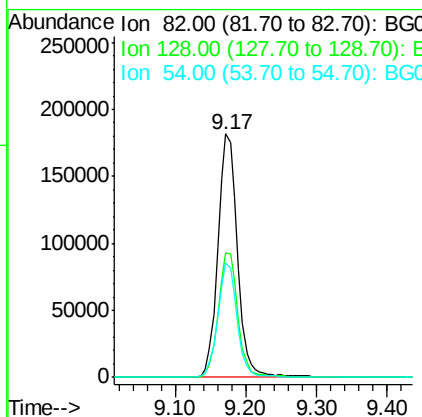
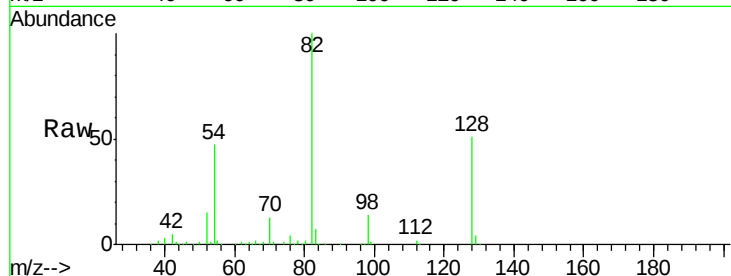




#23
 Nitrobenzene-d5
 Concen: 112.202 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG042318.D
 Acq: 18 Aug 2019 11:19

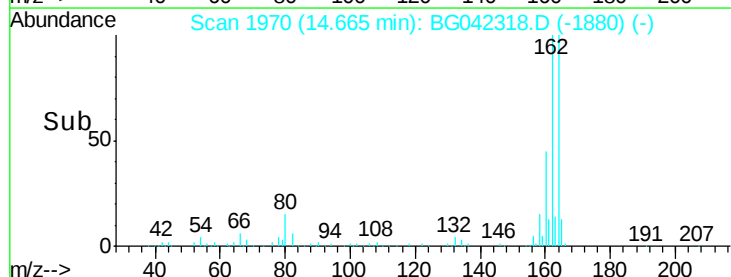
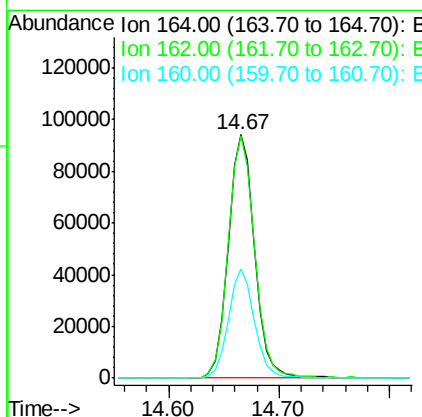
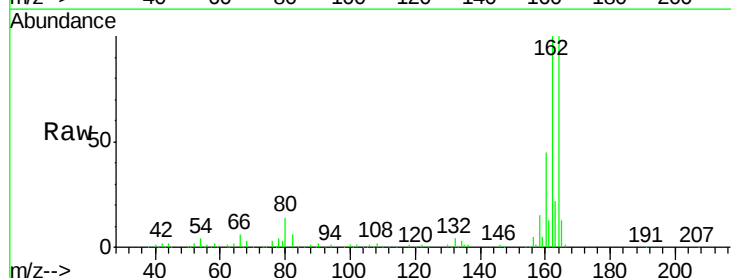
Instrument :
 BNA_G
 ClientSampleId :
 T8-F1-(0-4)

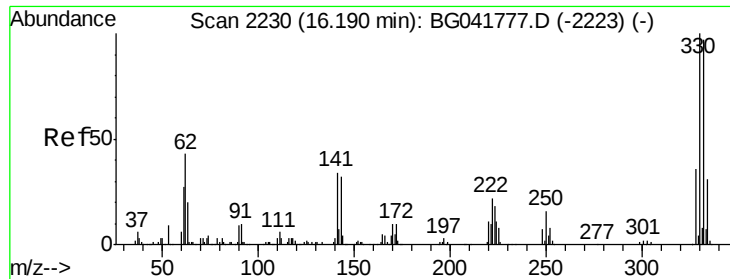
Tot Ion	82	Resp	351066
Ion Ratio	Lower	Upper	
82	100		
128	51.3	35.1	52.7
54	47.1	48.7	73.1#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: BG042318.D
 Acq: 18 Aug 2019 11:19

Tgt Ion	164	Resp	157346
Ion Ratio	Lower	Upper	
164	100		
162	99.5	79.6	119.4
160	44.8	35.4	53.0

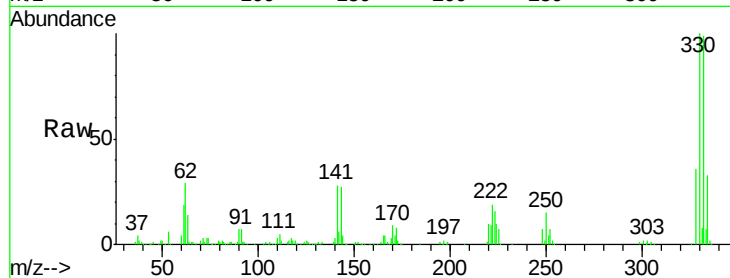




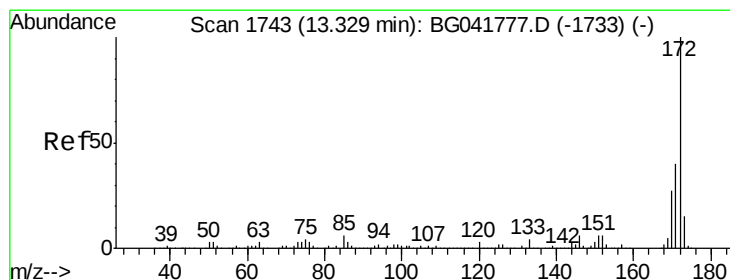
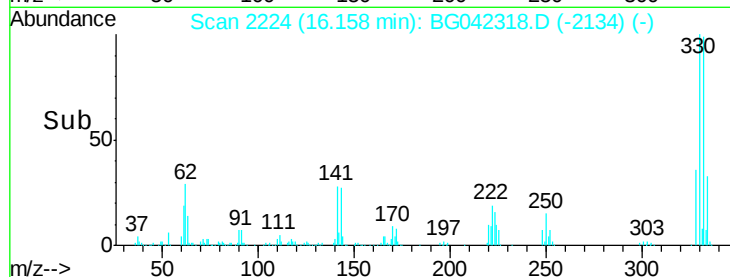
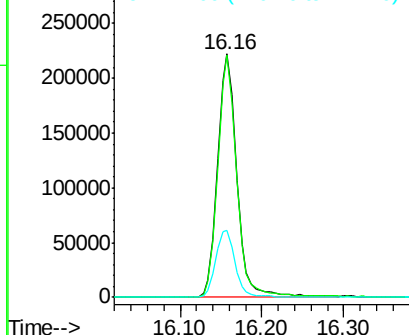
#42
 2,4,6-Tribromophenol
 Concen: 206.125 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: BG042318.D
 Acq: 18 Aug 2019 11:19

Instrument :
 BNA_G
 ClientSampleId :
 T8-F1-(0-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	28.2	31.9	47.9#

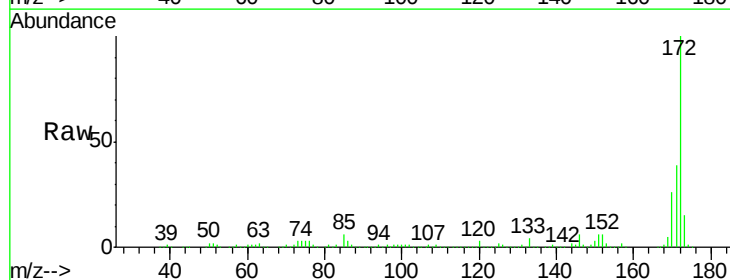


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

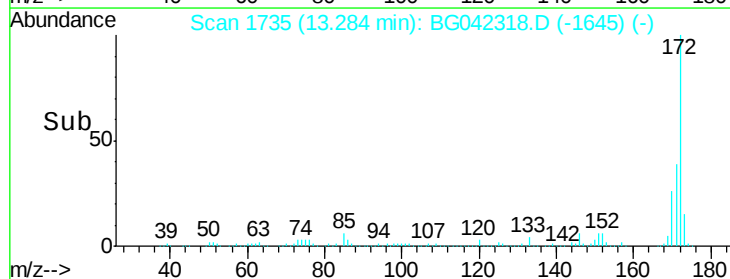
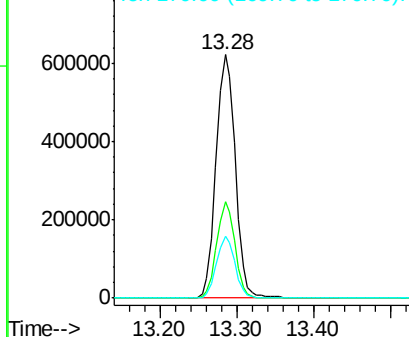


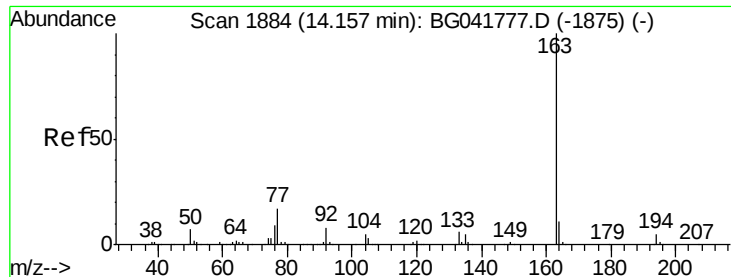
#45
 2-Fluorobiphenyl
 Concen: 119.993 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042318.D
 Acq: 18 Aug 2019 11:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	35.0	52.4
170	25.6	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: 2.281 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG042318.D

Acq: 18 Aug 2019 11:19

Instrument :

BNA_G

ClientSampleId :

T8-F1-(0-4)

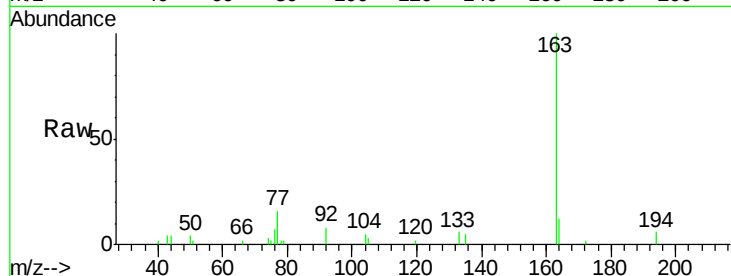
Tot Ion:163 Resp: 24511

Ion Ratio Lower Upper

163 100

194 5.8 4.2 6.2

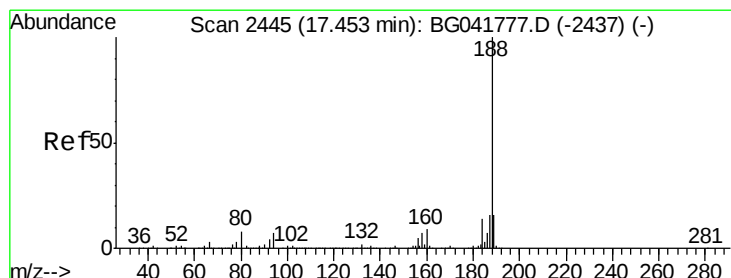
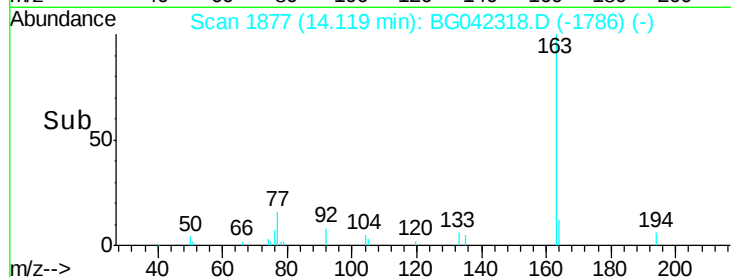
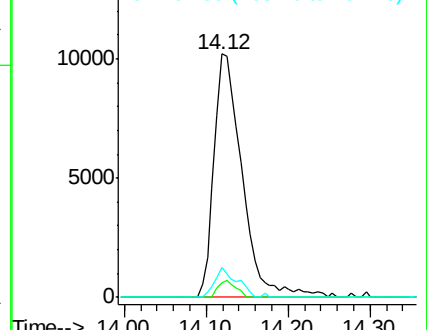
164 12.4 9.4 14.2



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: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG042318.D

Acq: 18 Aug 2019 11:19

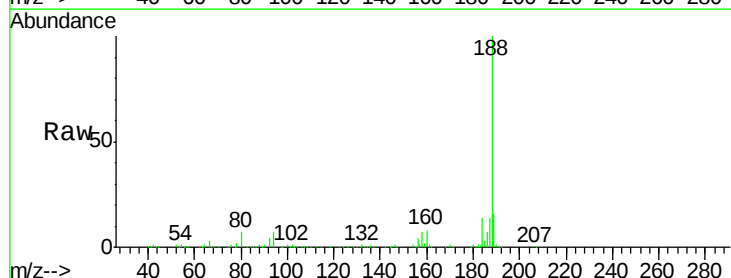
Tgt Ion:188 Resp: 379235

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

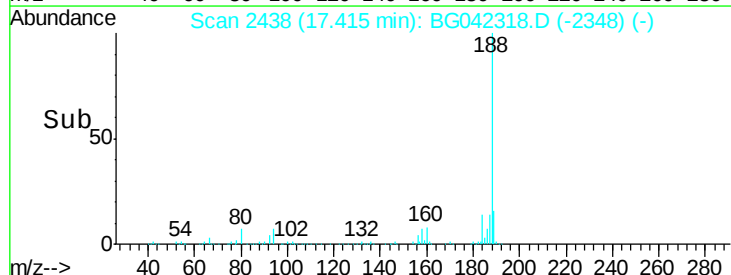
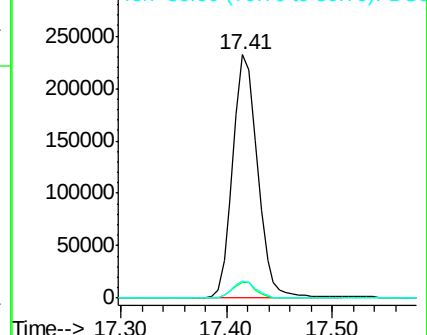
80 7.1 8.0 12.0#

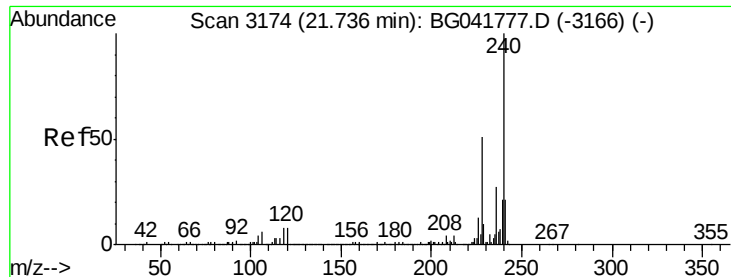


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042318.D

Acq: 18 Aug 2019 11:19

Instrument :

BNA_G

ClientSampleId :

T8-F1-(0-4)

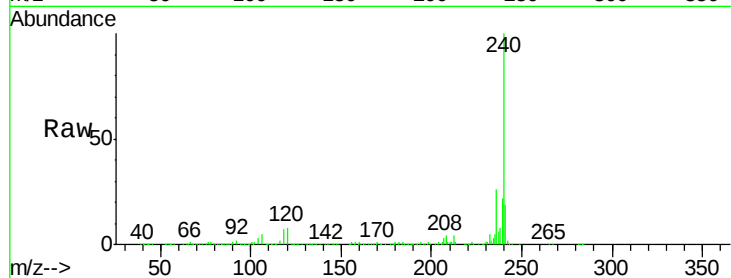
Tot Ion:240 Resp: 434249

Ion Ratio Lower Upper

240 100

120 8.0 8.0 12.0#

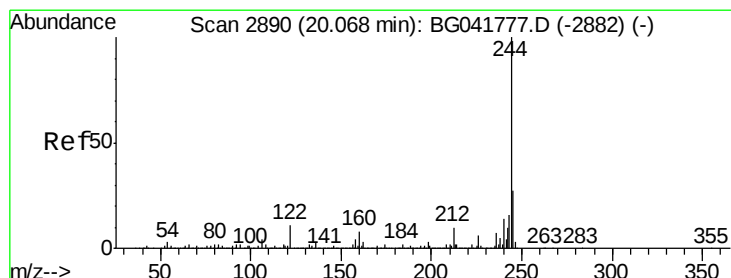
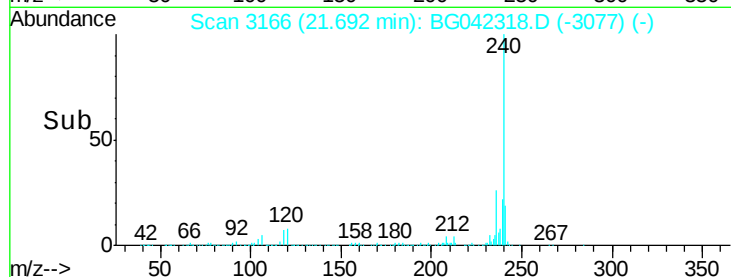
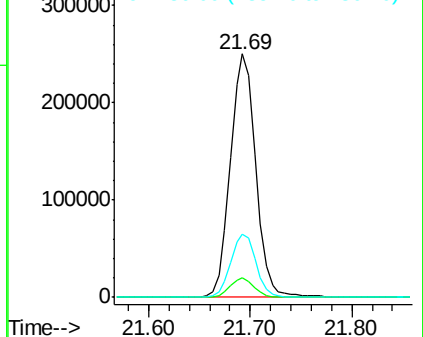
236 26.2 22.6 33.8



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: 107.284 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042318.D

Acq: 18 Aug 2019 11:19

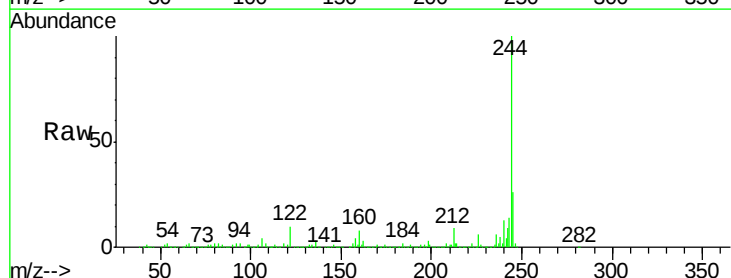
Tgt Ion:244 Resp: 2035959

Ion Ratio Lower Upper

244 100

212 9.0 9.7 14.5#

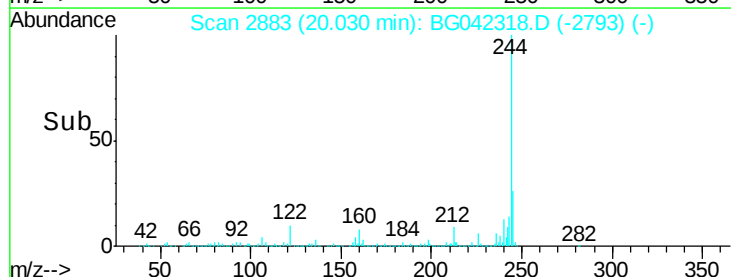
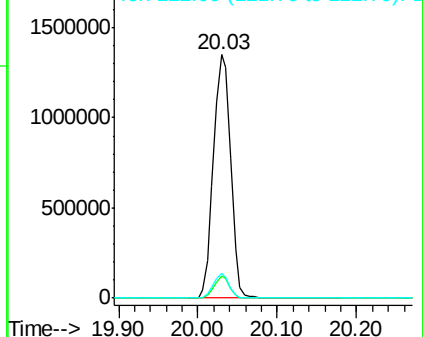
122 10.4 12.5 18.7#

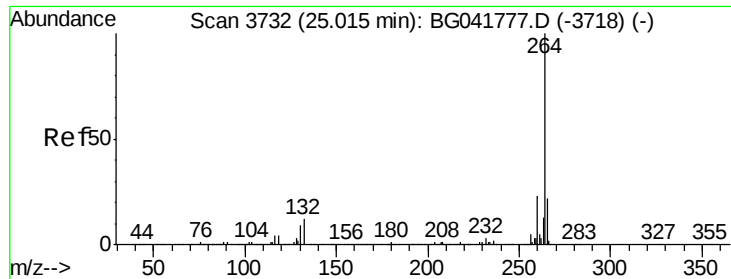


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.94 min Scan# 3718
 Delta R.T. -0.01 min
 Lab File: BG042318.D
 Acq: 18 Aug 2019 11:19

Instrument :
 BNA_G
 ClientSampleId :
 T8-F1-(0-4)

Tot Ion:	264	Resp:	502637
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.6	18.0	27.0

