

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042317.D
 Acq On : 18 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4339-22
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T8-B1-(0-4)

Quant Time: Aug 19 08:28:27 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	61969	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	229316	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	165197	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	406834	20.00	ng	0.00
76) Chrysene-d12	21.69	240	456863	20.00	ng	-0.01
87) Perylene-d12	24.93	264	523530	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	423759	133.05	ng	0.00
7) Phenol-d6	7.17	99	519267	120.93	ng	0.00
23) Nitrobenzene-d5	9.18	82	367577	110.31	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	377210	201.03	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1125383	120.15	ng	0.00
79) Terphenyl-d14	20.03	244	2086624	104.51	ng	0.00

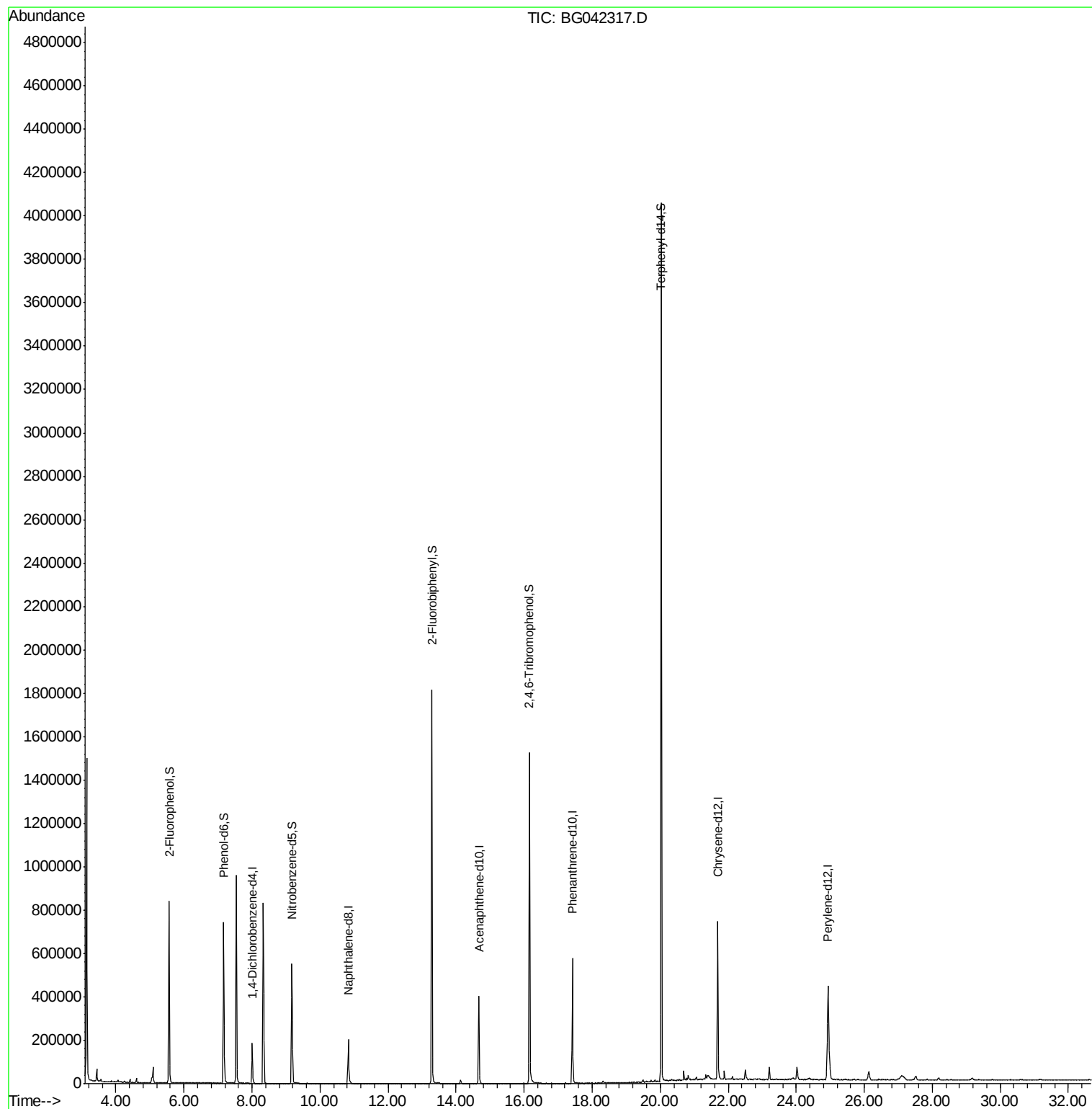
Target Compounds Qvalue

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

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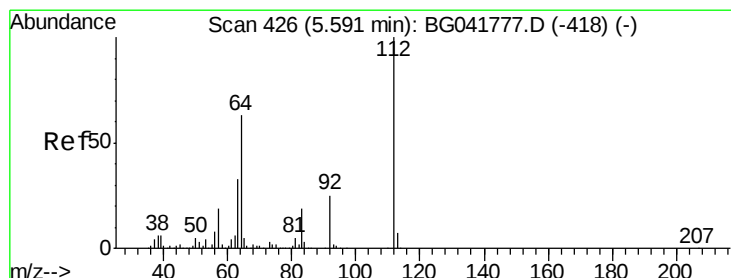
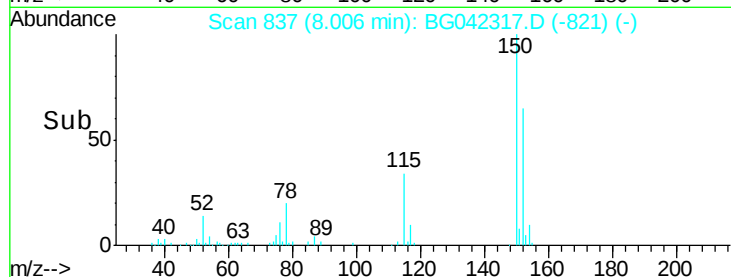
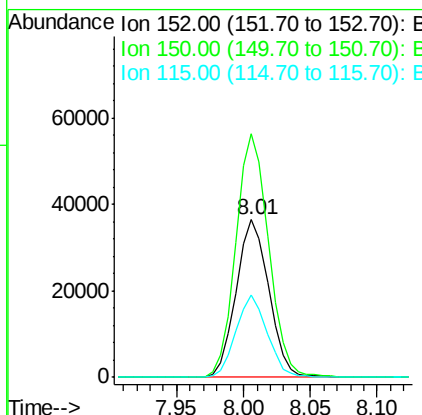
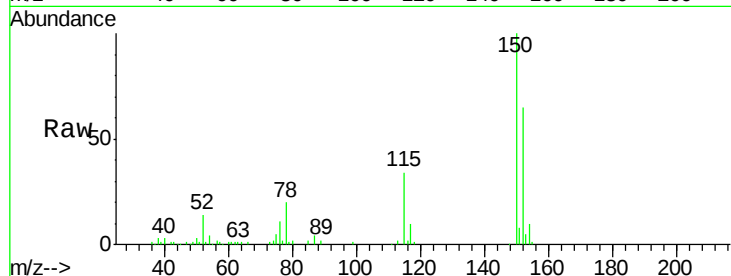


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG042317.D
Acq: 18 Aug 2019 10:41

Instrument :
BNA_G
ClientSampleId :
T8-B1-(0-4)

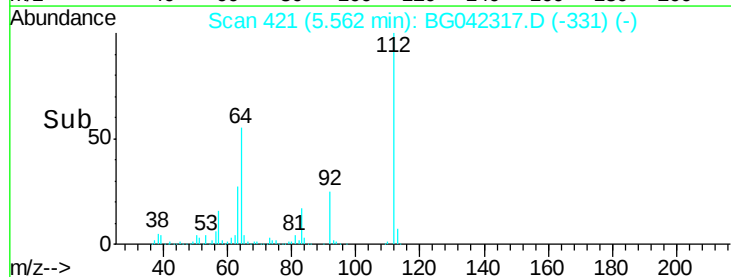
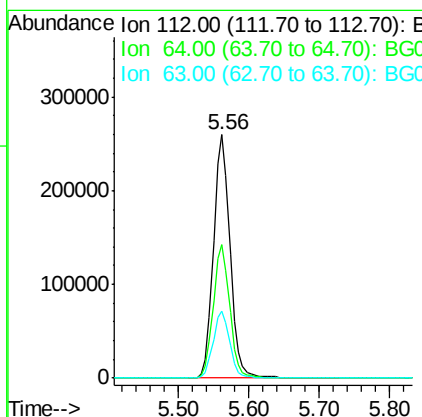
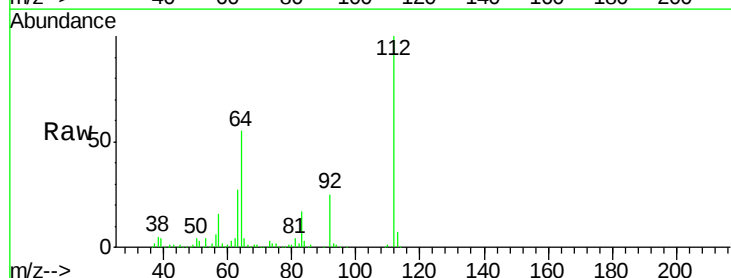
Tot Ion	152	Resp	61969
Ion Ratio	Lower	Upper	
152	100		
150	154.8	126.9	190.3
115	51.9	45.0	67.6



#5

2-Fluorophenol
Concen: 133.046 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042317.D
Acq: 18 Aug 2019 10:41

Tgt Ion	112	Resp	423759
Ion Ratio	Lower	Upper	
112	100		
64	54.8	55.4	83.2#
63	27.4	29.1	43.7#





#7

Phenol-d6

Concen: 120.930 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG042317.D

Acq: 18 Aug 2019 10:41

Instrument :

BNA_G

ClientSampleId :

T8-B1-(0-4)

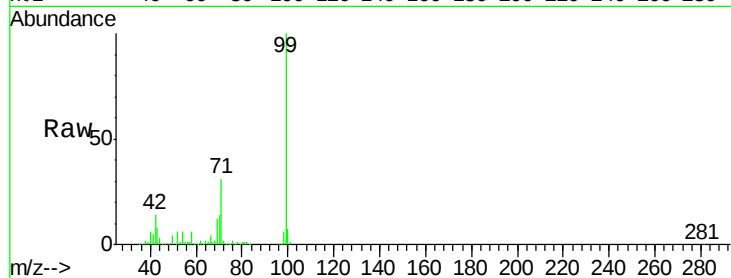
Tot Ion: 99 Resp: 519267

Ion Ratio Lower Upper

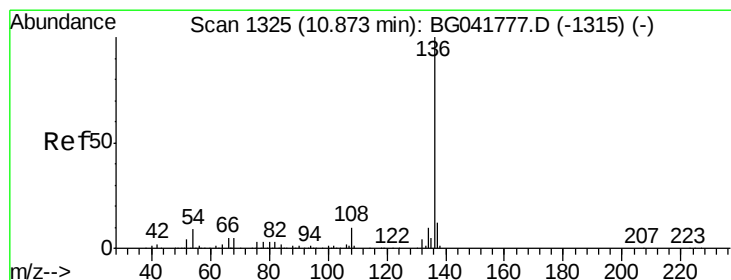
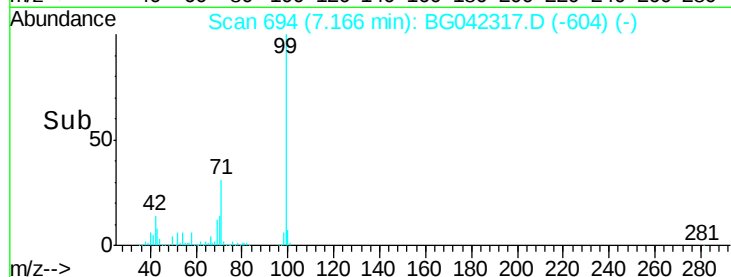
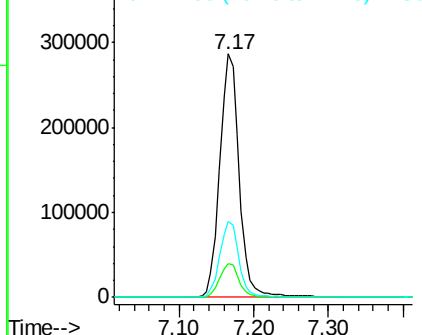
99 100

42 13.8 17.6 26.4#

71 31.3 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: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG042317.D

Acq: 18 Aug 2019 10:41

Tgt Ion: 136 Resp: 229316

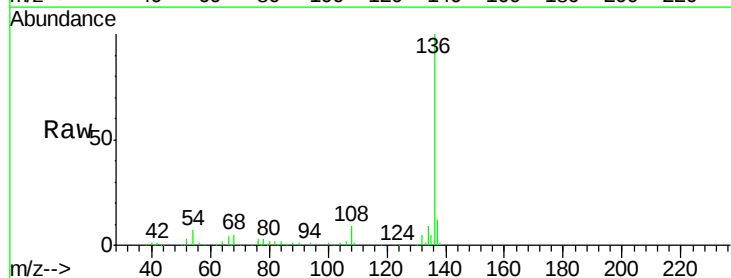
Ion Ratio Lower Upper

136 100

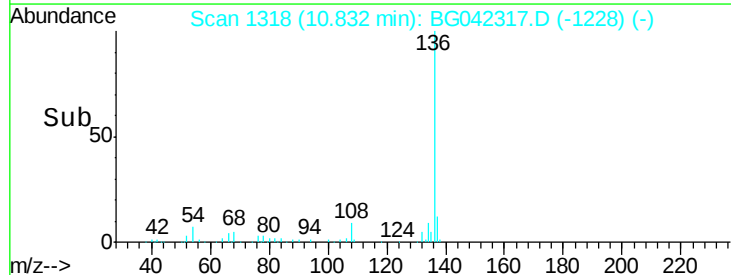
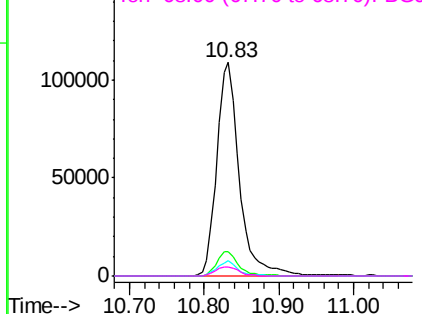
137 11.6 9.2 13.8

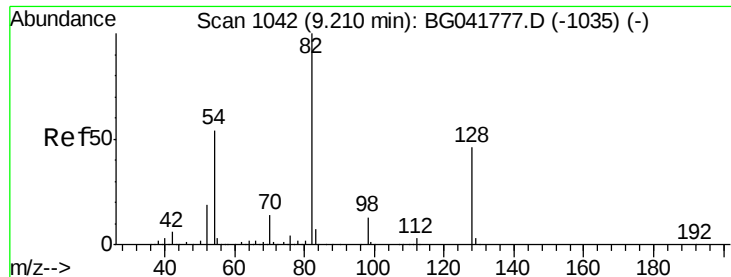
54 7.3 8.7 13.1#

68 4.5 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

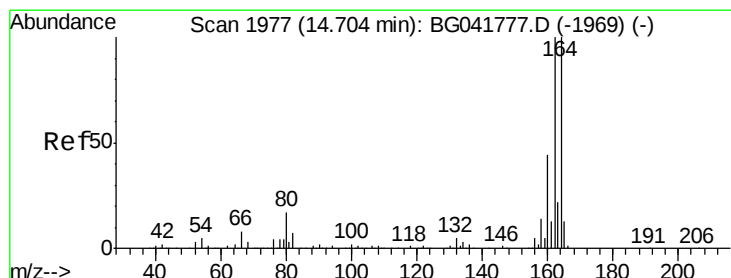
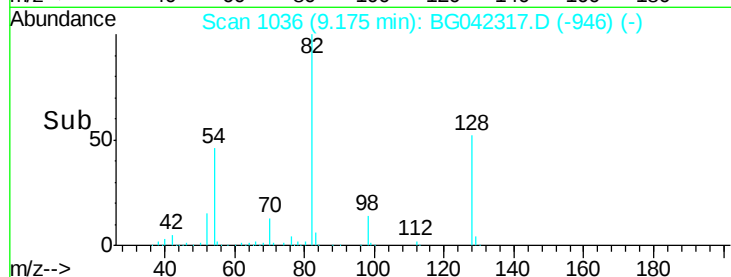
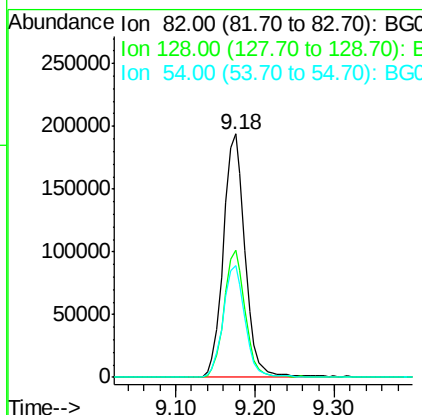
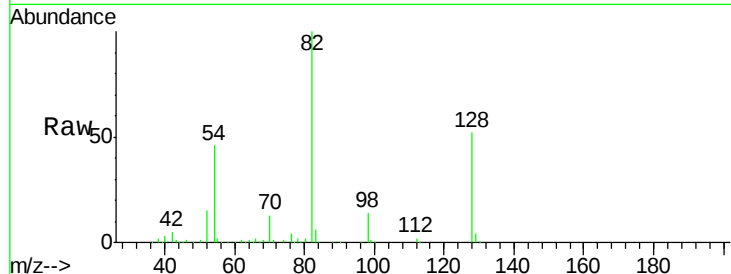




#23
 Nitrobenzene-d5
 Concen: 110.307 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG042317.D
 Acq: 18 Aug 2019 10:41

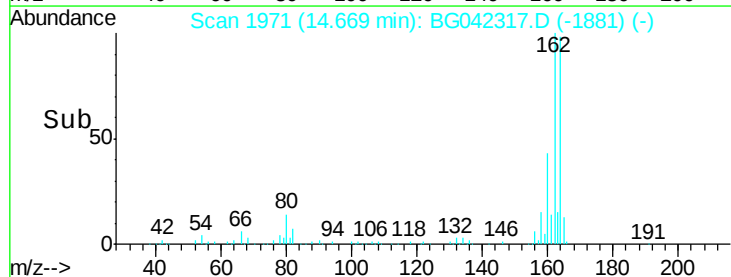
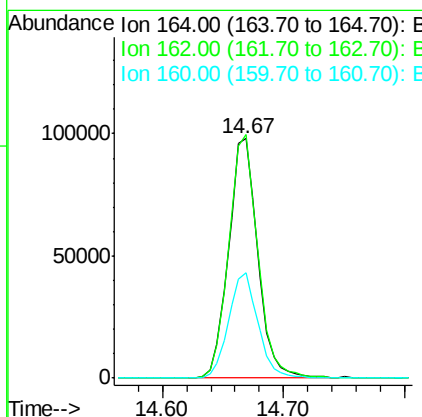
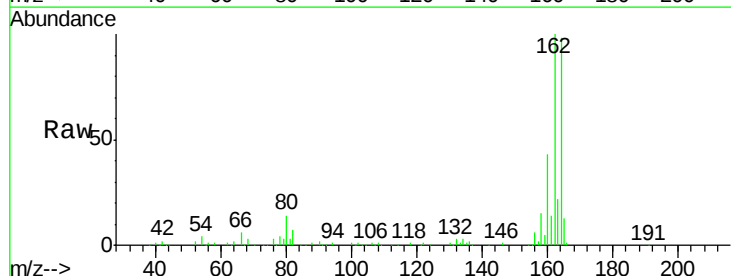
Instrument :
 BNA_G
 ClientSampleId :
 T8-B1-(0-4)

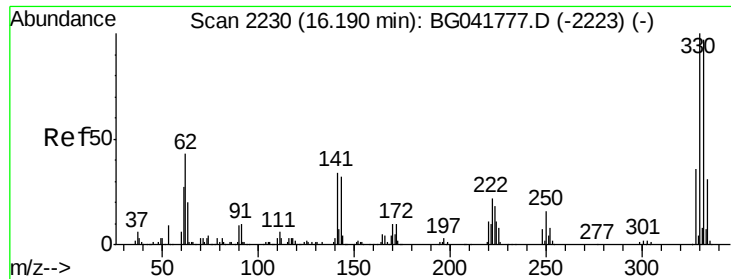
Tot Ion	82	Resp	367577
Ion Ratio	Lower	Upper	
82	100		
128	52.1	35.1	52.7
54	46.0	48.7	73.1#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: BG042317.D
 Acq: 18 Aug 2019 10:41

Tgt Ion	164	Resp	165197
Ion Ratio	Lower	Upper	
164	100		
162	101.8	79.6	119.4
160	44.2	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 201.027 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042317.D

Acq: 18 Aug 2019 10:41

Instrument :

BNA_G

ClientSampleId :

T8-B1-(0-4)

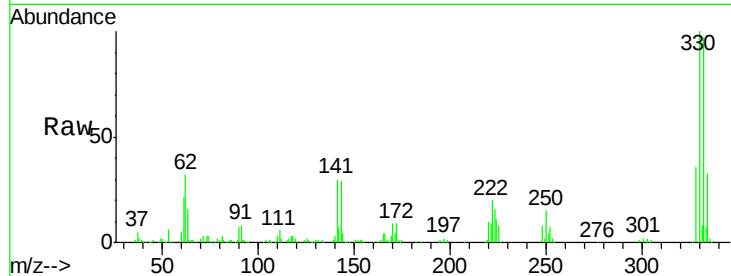
Tot Ion:330 Resp: 377210

Ion Ratio Lower Upper

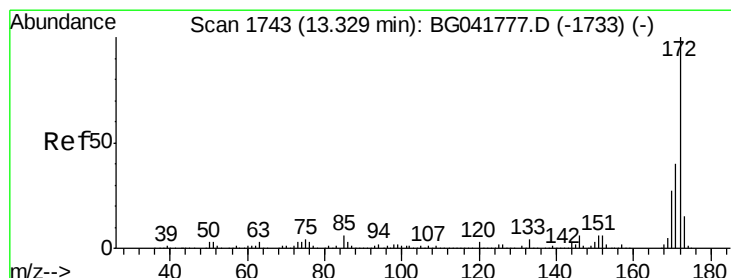
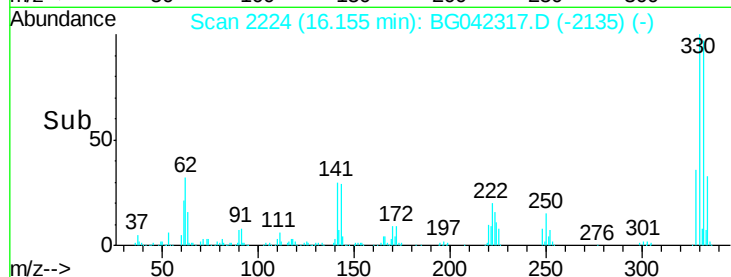
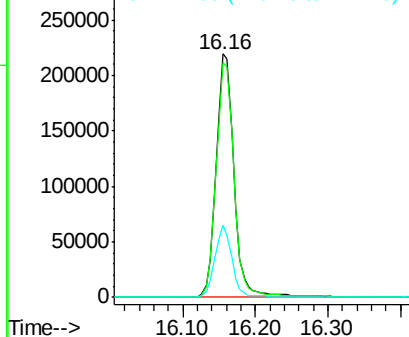
330 100

332 98.2 77.4 116.0

141 28.4 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: 120.151 ng

RT: 13.29 min Scan# 1736

Delta R.T. 0.00 min

Lab File: BG042317.D

Acq: 18 Aug 2019 10:41

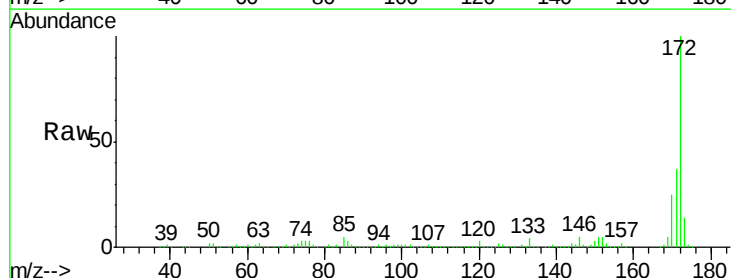
Tgt Ion:172 Resp: 1125383

Ion Ratio Lower Upper

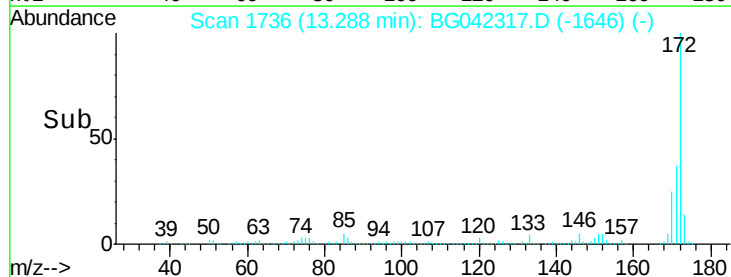
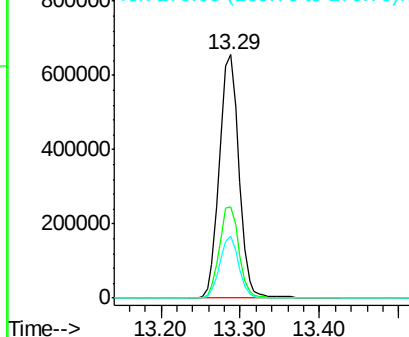
172 100

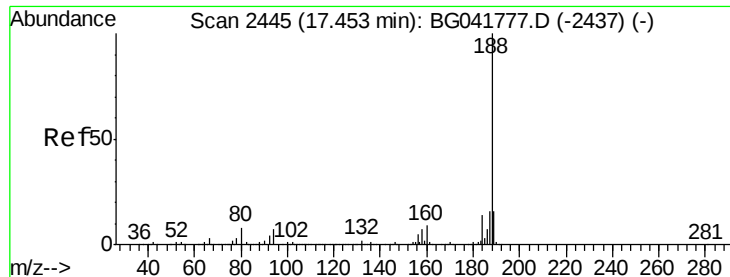
171 37.5 35.0 52.4

170 25.2 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: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG042317.D

Acq: 18 Aug 2019 10:41

Instrument :

BNA_G

ClientSampleId :

T8-B1-(0-4)

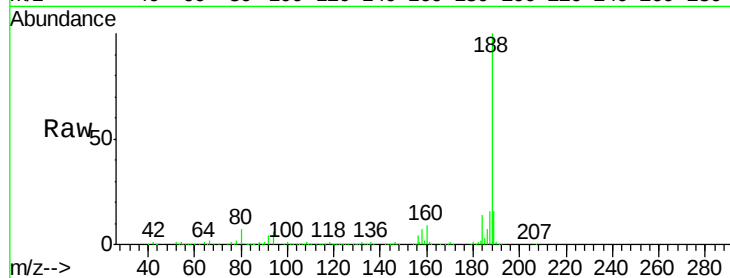
Tot Ion:188 Resp: 406834

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

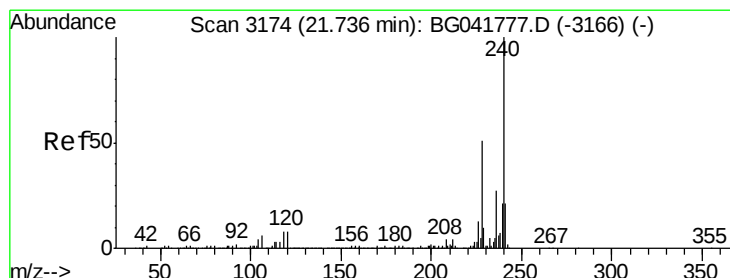
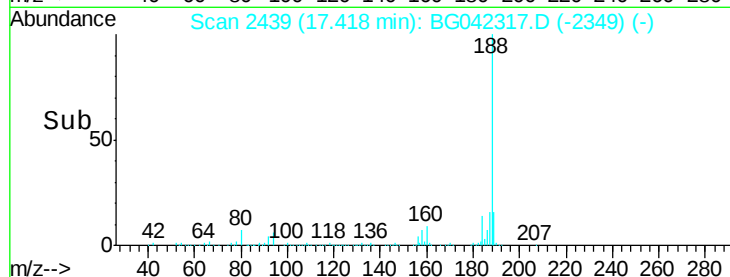
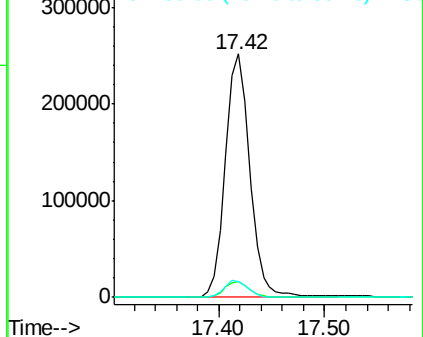
80 6.7 8.0 12.0#



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: BG042317.D

Acq: 18 Aug 2019 10:41

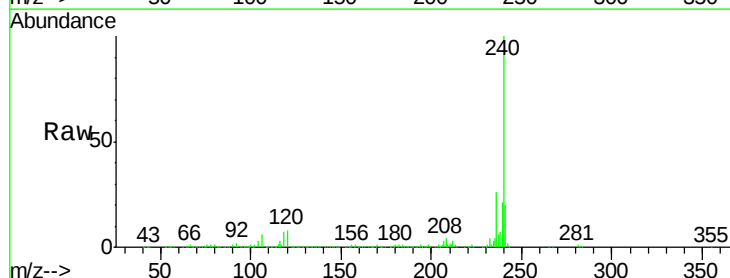
Tgt Ion:240 Resp: 456863

Ion Ratio Lower Upper

240 100

120 8.4 8.0 12.0

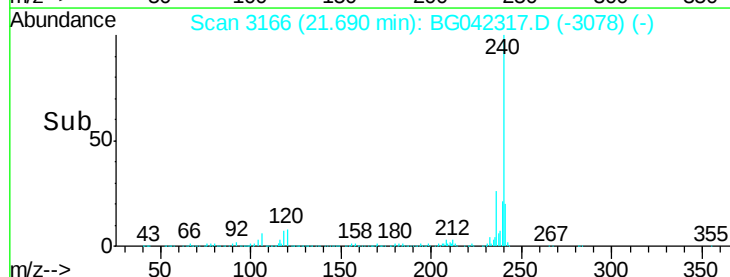
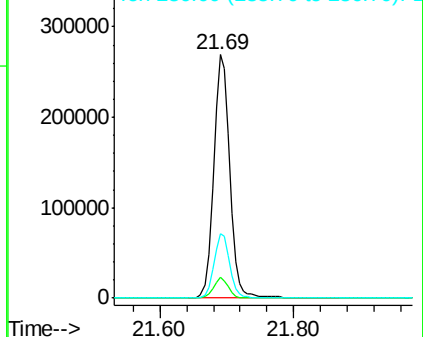
236 26.4 22.6 33.8

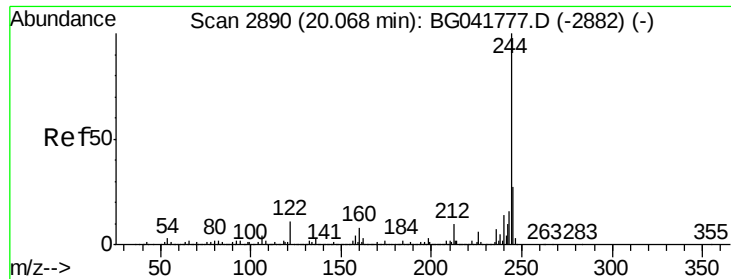


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.511 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG042317.D

Acq: 18 Aug 2019 10:41

Instrument :

BNA_G

ClientSampleId :

T8-B1-(0-4)

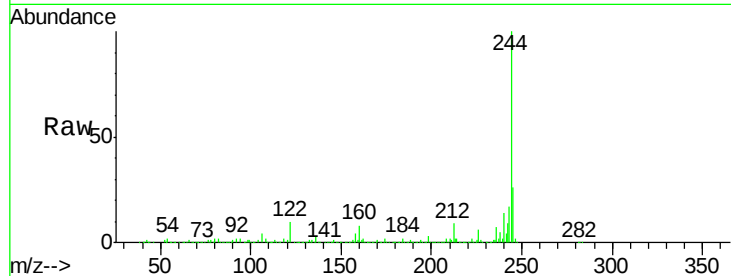
Tot Ion:244 Resp: 2086624

Ion Ratio Lower Upper

244 100

212 9.1 9.7 14.5#

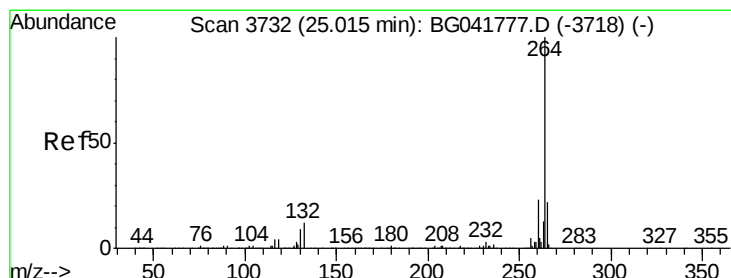
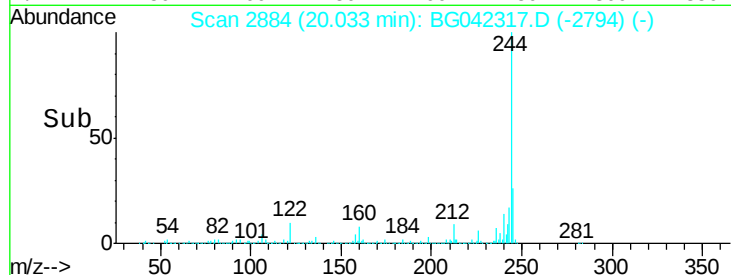
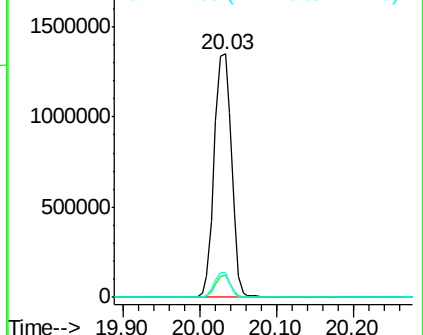
122 10.0 12.5 18.7#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042317.D

Acq: 18 Aug 2019 10:41

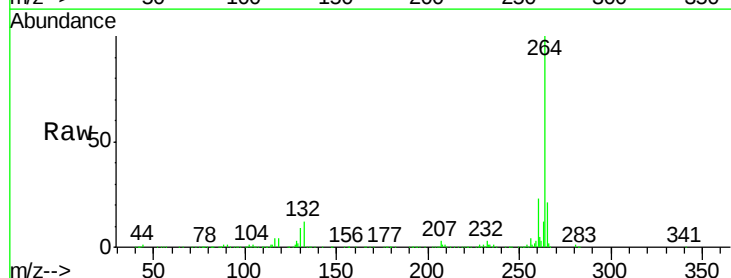
Tgt Ion:264 Resp: 523530

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

265 21.2 18.0 27.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

