

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042305.D
 Acq On : 18 Aug 2019 3:00
 Operator : HP/JU
 Sample : K4238-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-17

Quant Time: Aug 19 08:02:17 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	56205	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	213297	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	154471	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	378173	20.00	ng	0.00
76) Chrysene-d12	21.70	240	437324	20.00	ng	0.00
87) Perylene-d12	24.94	264	488269	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	381833	132.18	ng	0.00
7) Phenol-d6	7.17	99	484464	124.40	ng	0.00
23) Nitrobenzene-d5	9.17	82	319700	103.15	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	318548	181.55	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	977446	111.60	ng	0.00
79) Terphenyl-d14	20.03	244	1948765	101.97	ng	0.00

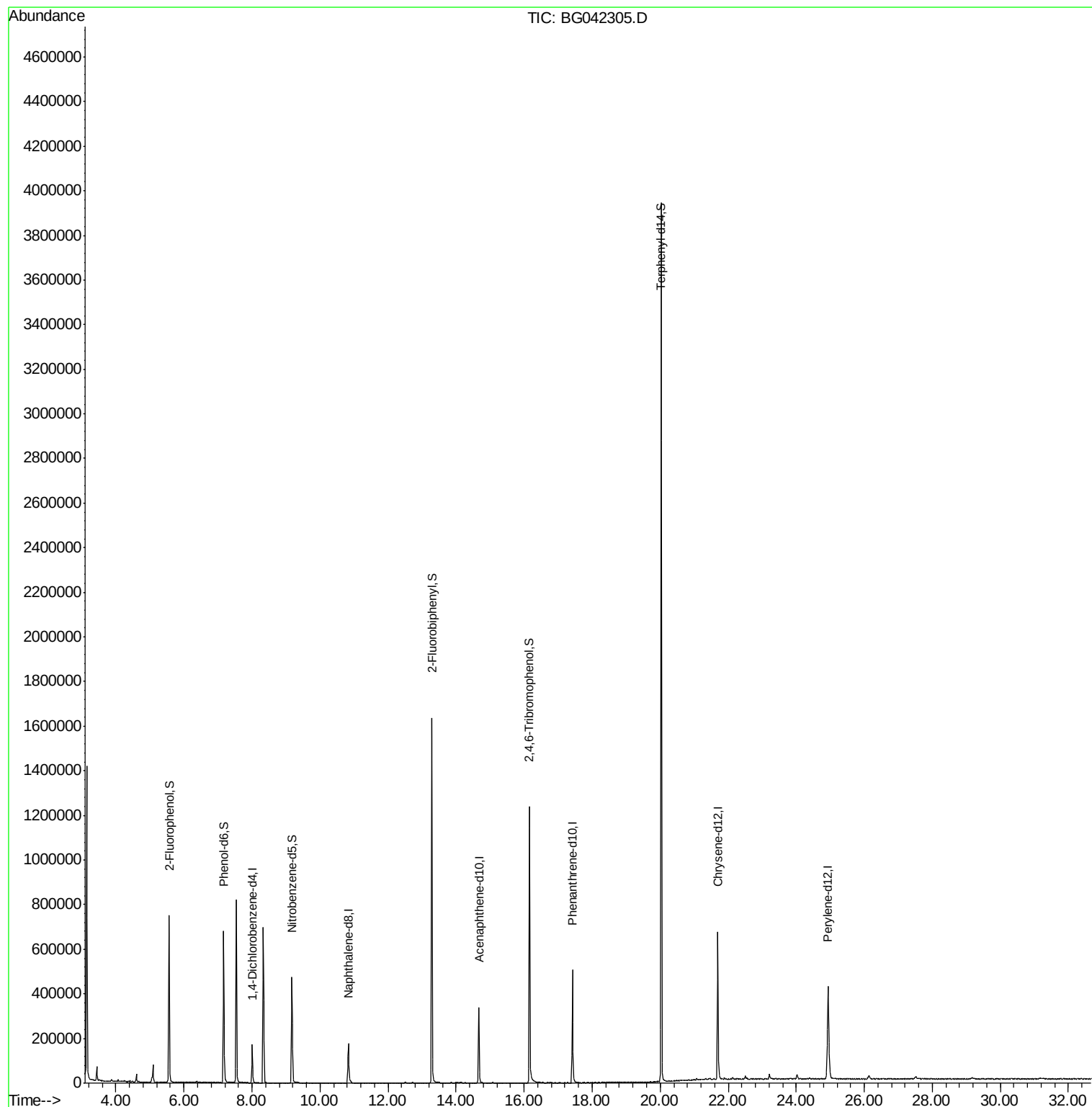
Target Compounds Qvalue

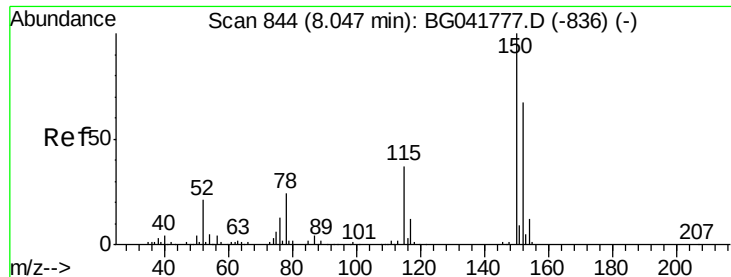
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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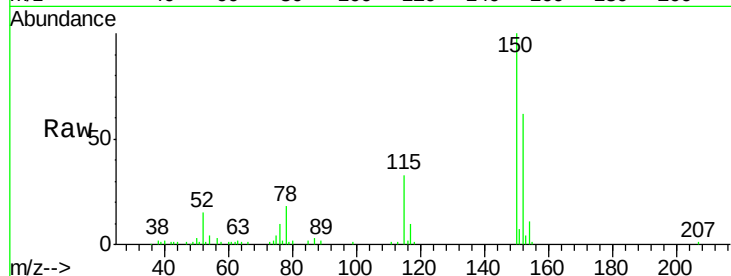


#1

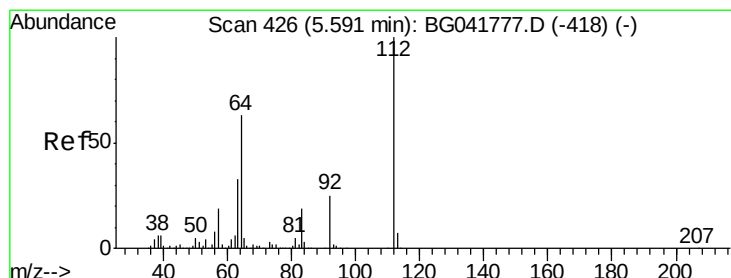
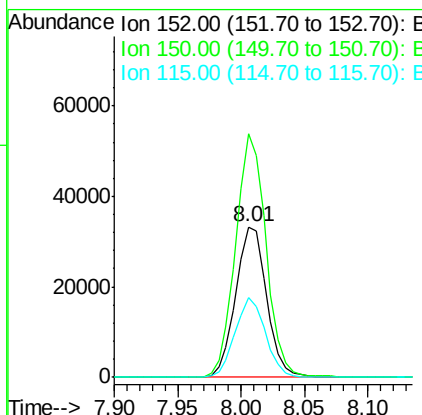
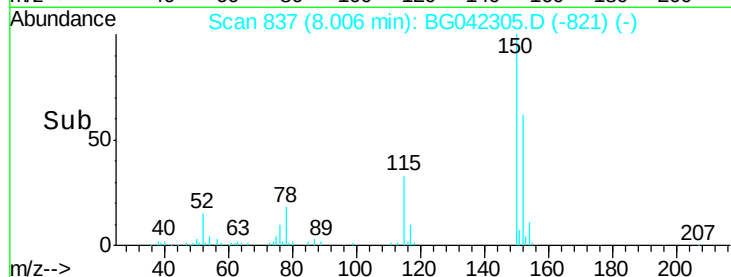
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG042305.D
Acq: 18 Aug 2019 3:00

Instrument :
BNA_G
ClientSampleId :
TP-17

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	126.9	190.3
115	53.0	45.0	67.6



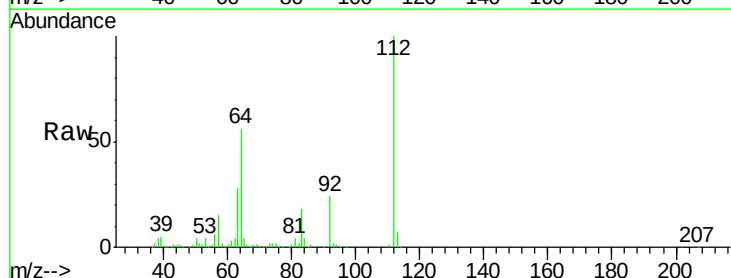
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



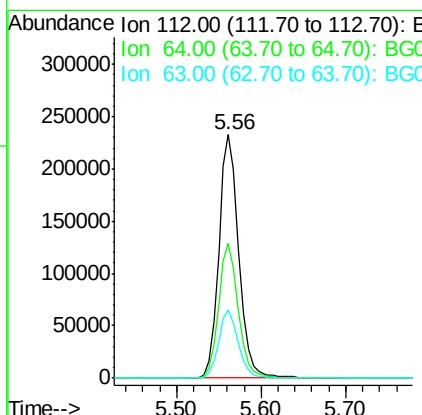
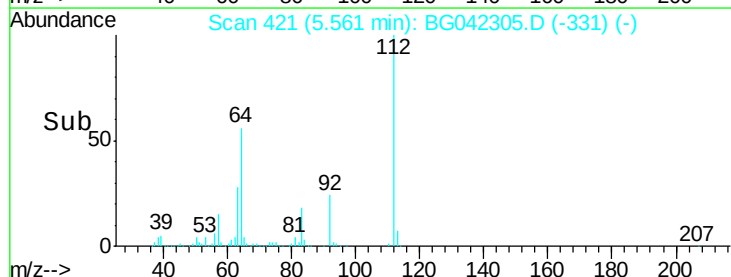
#5

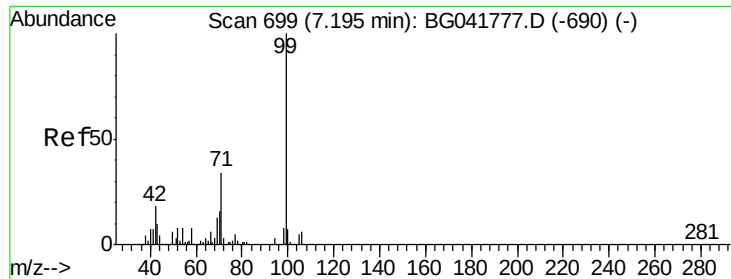
2-Fluorophenol
Concen: 132.177 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042305.D
Acq: 18 Aug 2019 3:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	55.4	83.2
63	28.0	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: 124.395 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG042305.D

Acq: 18 Aug 2019 3:00

Instrument :

BNA_G

ClientSampleId :

TP-17

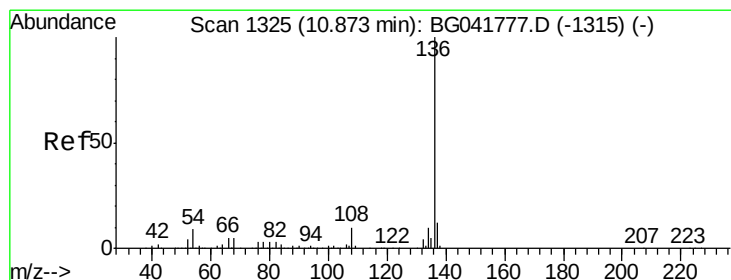
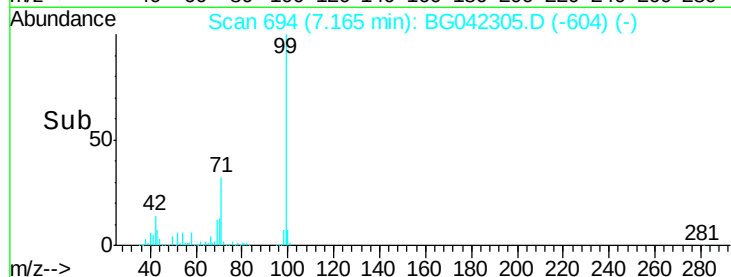
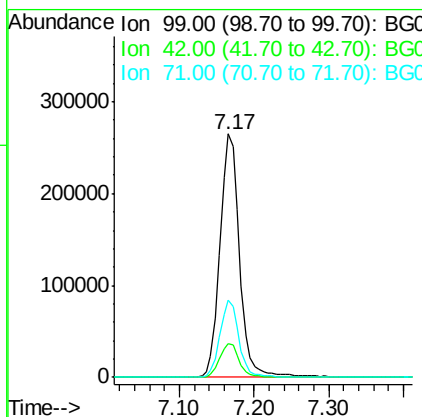
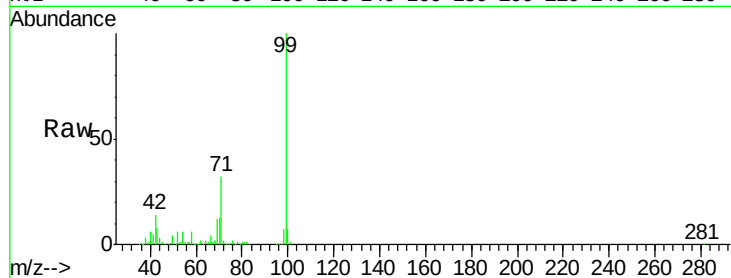
Tot Ion: 99 Resp: 484464

Ion Ratio Lower Upper

99 100

42 13.8 17.6 26.4#

71 31.8 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG042305.D

Acq: 18 Aug 2019 3:00

Tgt Ion: 136 Resp: 213297

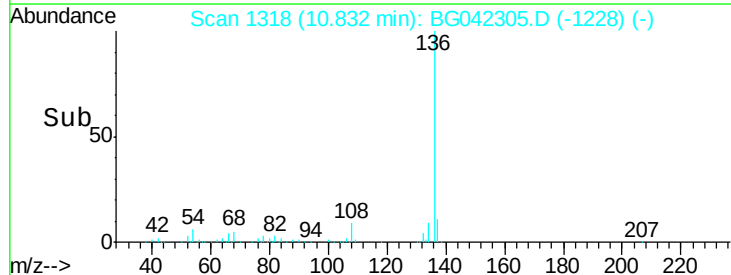
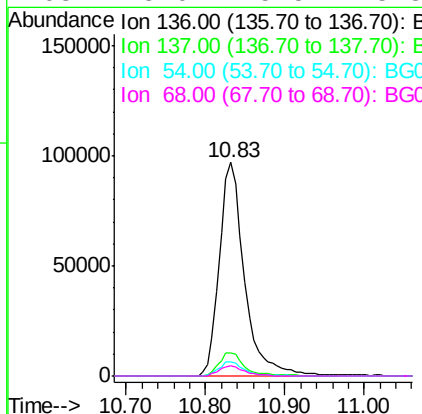
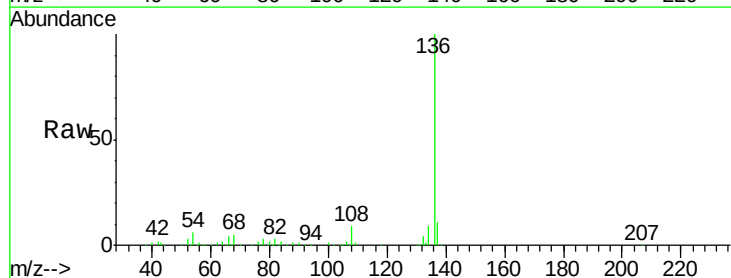
Ion Ratio Lower Upper

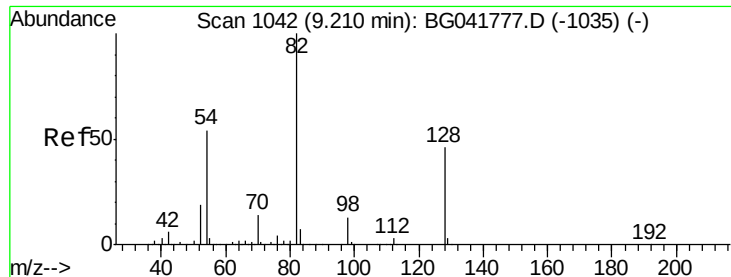
136 100

137 11.0 9.2 13.8

54 6.3 8.7 13.1#

68 5.0 5.5 8.3#

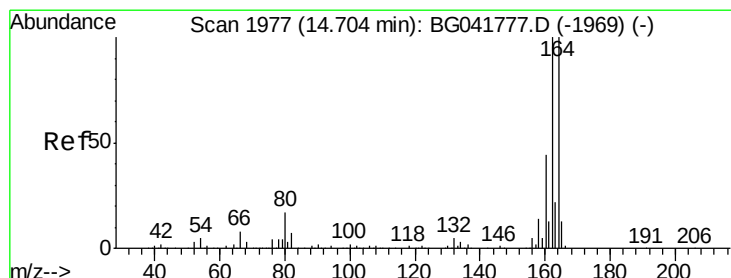
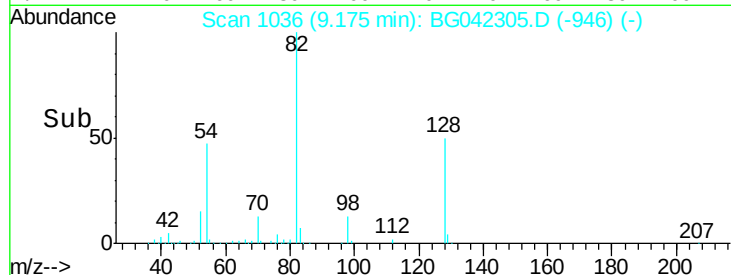
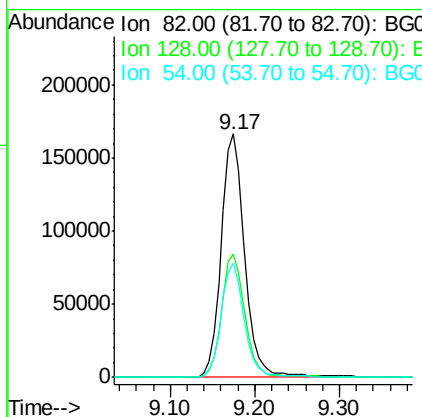
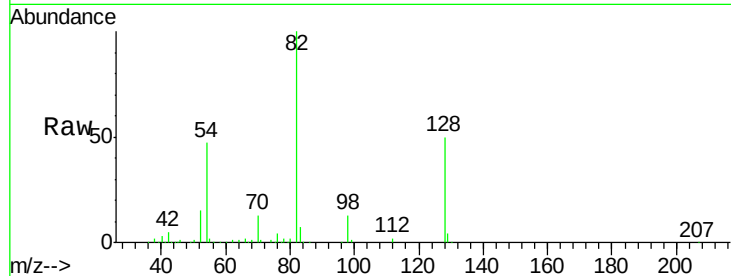




#23
Nitrobenzene-d5
Concen: 103.145 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042305.D
Acq: 18 Aug 2019 3:00

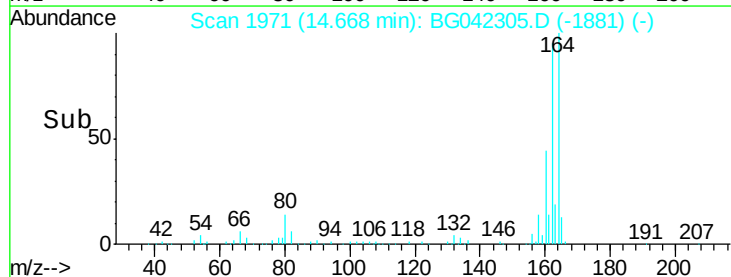
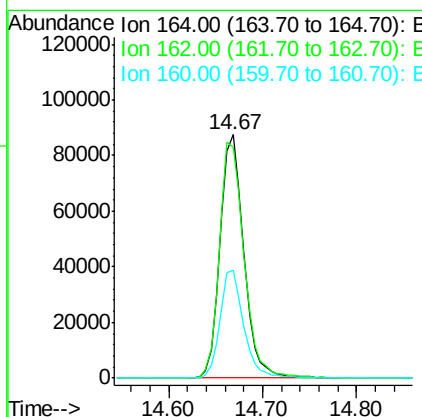
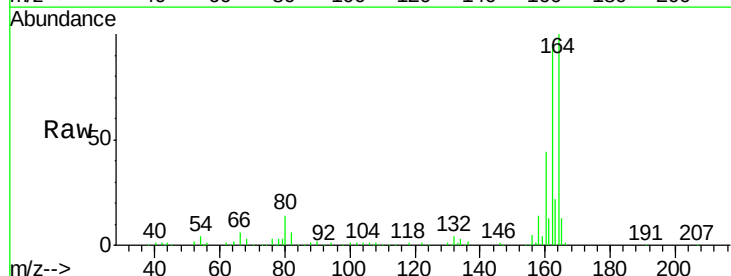
Instrument :
BNA_G
ClientSampled :
TP-17

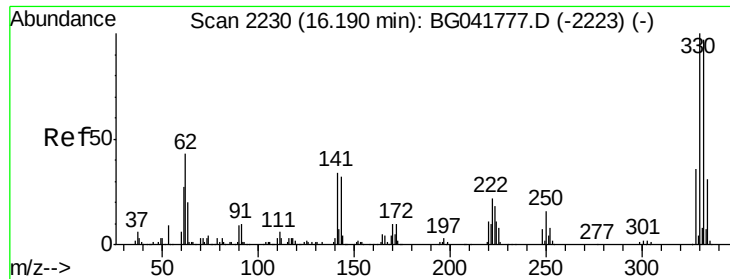
Tot Ion: 82 Resp: 319700
Ion Ratio Lower Upper
82 100
128 50.4 35.1 52.7
54 47.0 48.7 73.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG042305.D
Acq: 18 Aug 2019 3:00

Tgt Ion: 164 Resp: 154471
Ion Ratio Lower Upper
164 100
162 94.7 79.6 119.4
160 44.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 181.552 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042305.D

Acq: 18 Aug 2019 3:00

Instrument :

BNA_G

ClientSampleId :

TP-17

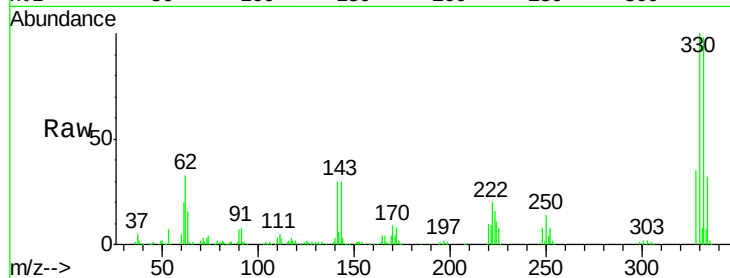
Tot Ion:330 Resp: 318548

Ion Ratio Lower Upper

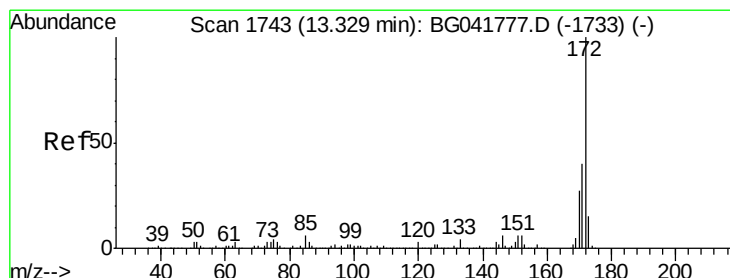
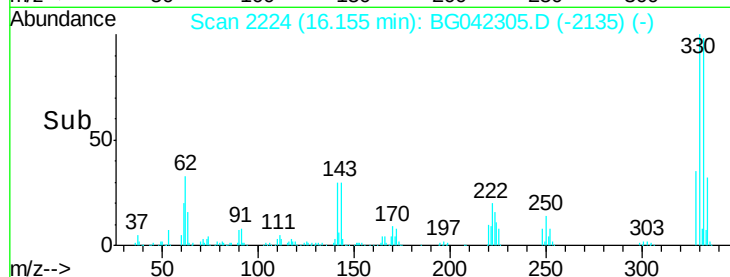
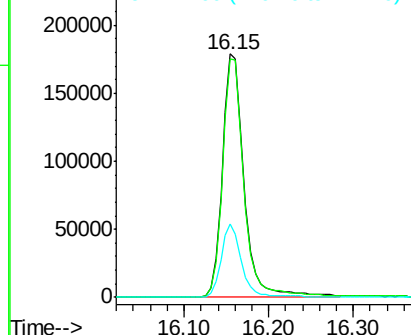
330 100

332 98.5 77.4 116.0

141 28.9 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: 111.603 ng

RT: 13.29 min Scan# 1736

Delta R.T. 0.00 min

Lab File: BG042305.D

Acq: 18 Aug 2019 3:00

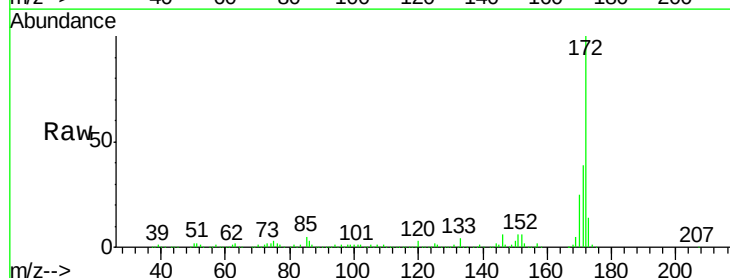
Tgt Ion:172 Resp: 977446

Ion Ratio Lower Upper

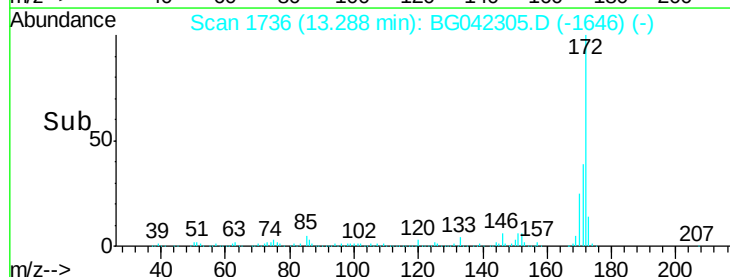
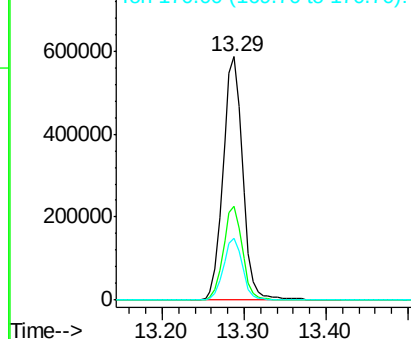
172 100

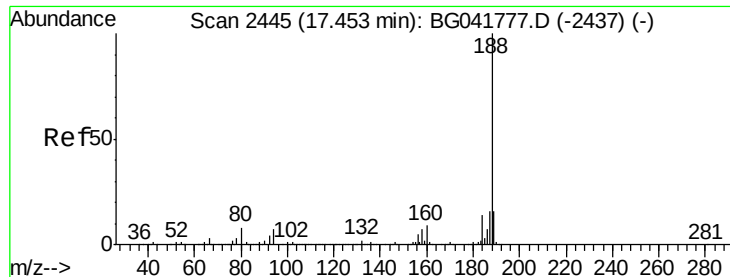
171 38.7 35.0 52.4

170 25.3 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: BG042305.D

Acq: 18 Aug 2019 3:00

Instrument :

BNA_G

ClientSampleId :

TP-17

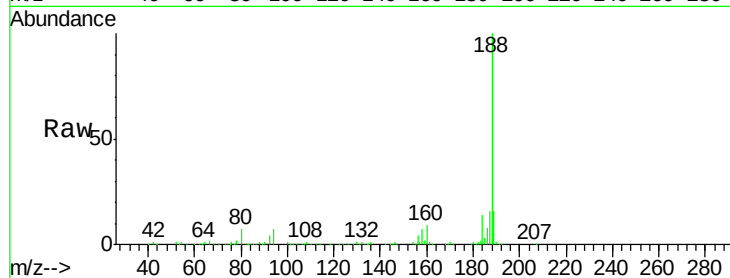
Tot Ion:188 Resp: 378173

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

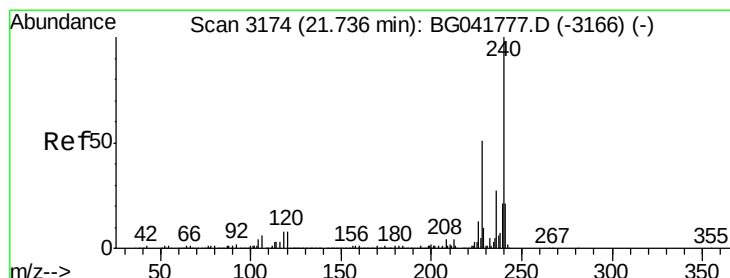
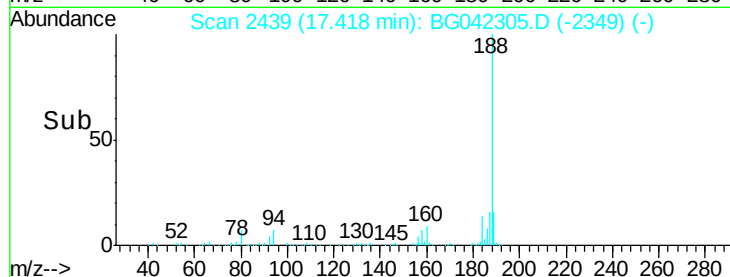
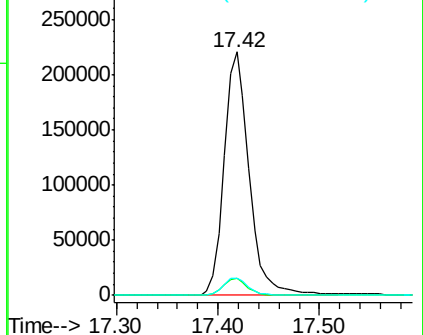
80 6.9 8.0 12.0#



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: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG042305.D

Acq: 18 Aug 2019 3:00

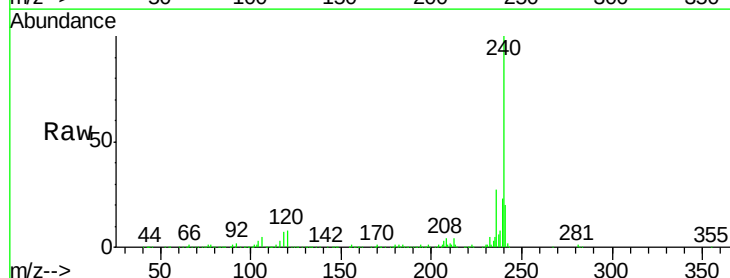
Tgt Ion:240 Resp: 437324

Ion Ratio Lower Upper

240 100

120 8.0 8.0 12.0#

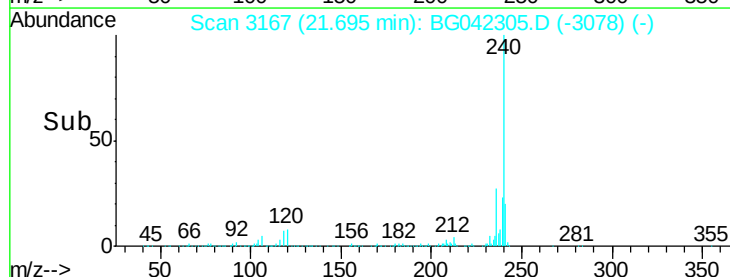
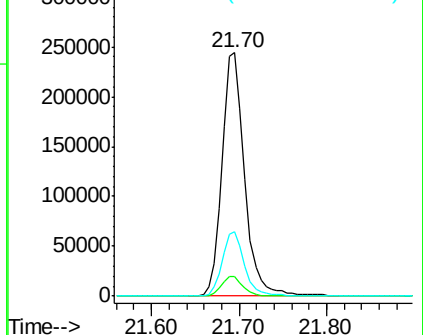
236 26.6 22.6 33.8

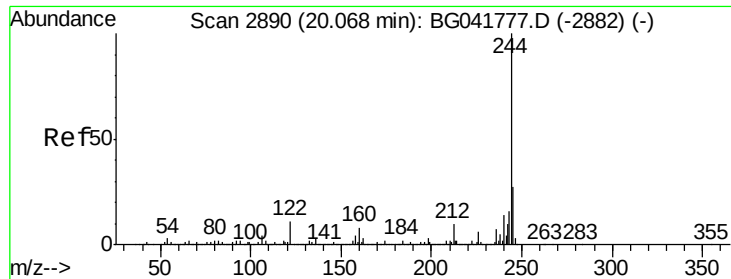


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.967 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG042305.D

Acq: 18 Aug 2019 3:00

Instrument :

BNA_G

ClientSampleId :

TP-17

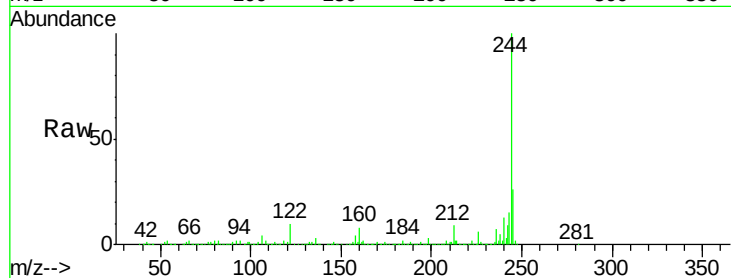
Tot Ion:244 Resp: 1948765

Ion Ratio Lower Upper

244 100

212 8.6 9.7 14.5#

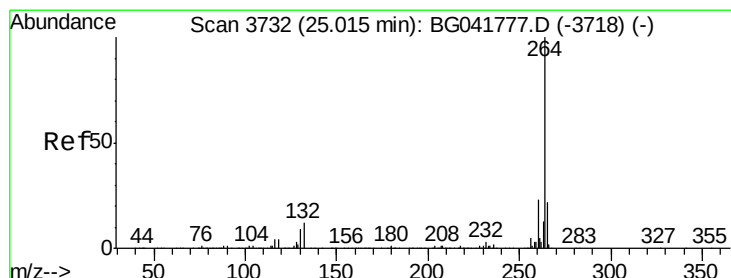
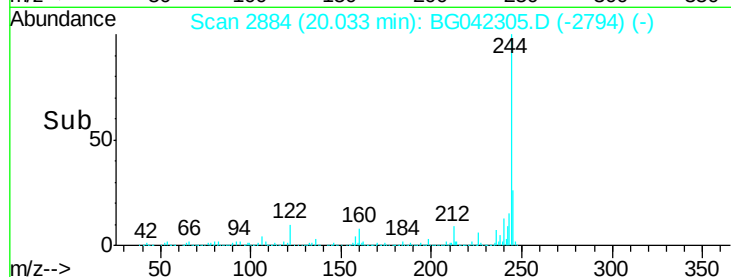
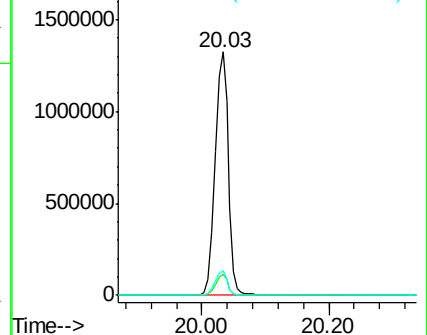
122 10.1 12.5 18.7#



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: 24.94 min Scan# 3719

Delta R.T. -0.01 min

Lab File: BG042305.D

Acq: 18 Aug 2019 3:00

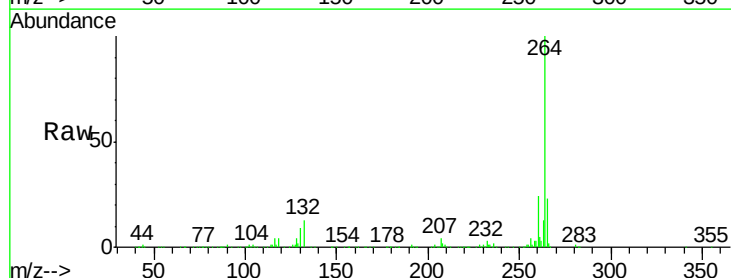
Tgt Ion:264 Resp: 488269

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 23.3 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

