

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042300.D
 Acq On : 17 Aug 2019 23:47
 Operator : HP/JU
 Sample : K4090-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-081519

Quant Time: Aug 19 07:51:07 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	54171	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	206953	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	145228	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	351842	20.00	ng	0.00
76) Chrysene-d12	21.69	240	410333	20.00	ng	0.00
87) Perylene-d12	24.94	264	474642	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	384326	138.04	ng	0.00
7) Phenol-d6	7.17	99	451157	120.19	ng	0.00
23) Nitrobenzene-d5	9.17	82	326698	108.63	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	332880	201.80	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	981319	119.18	ng	0.00
79) Terphenyl-d14	20.03	244	1939735	108.17	ng	0.00

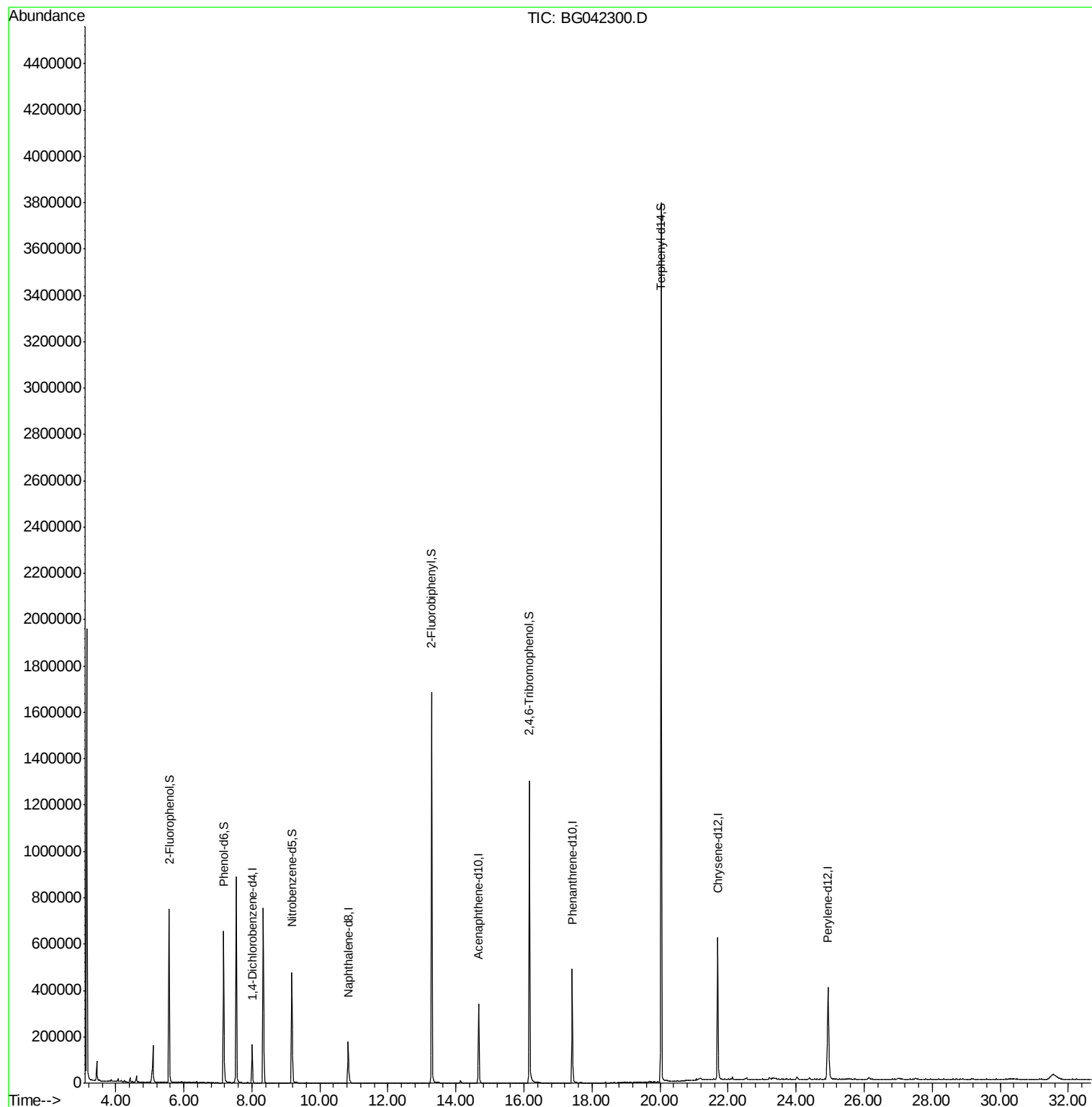
Target Compounds Qvalue

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

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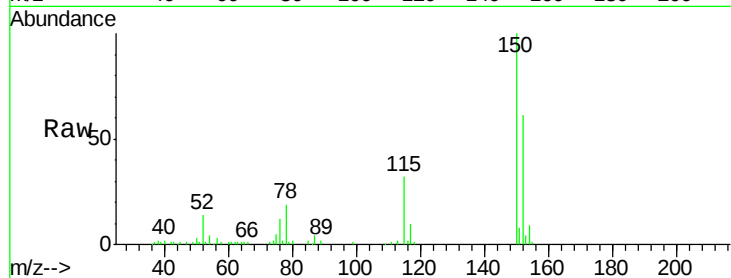


#1

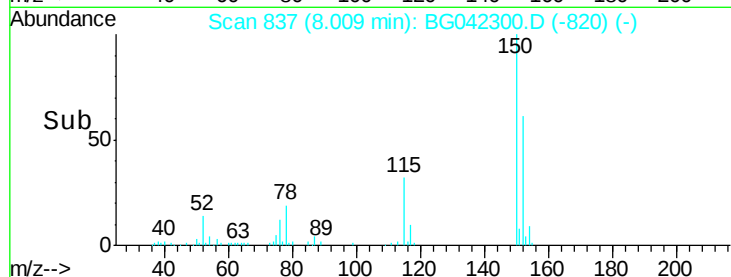
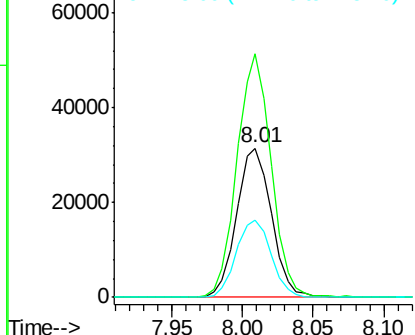
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042300.D
Acq: 17 Aug 2019 23:47

Instrument :
BNA_G
ClientSampleId :
OR-02-081519

Tot Ion:152 Resp: 54171
Ion Ratio Lower Upper
152 100
150 162.9 126.9 190.3
115 51.4 45.0 67.6



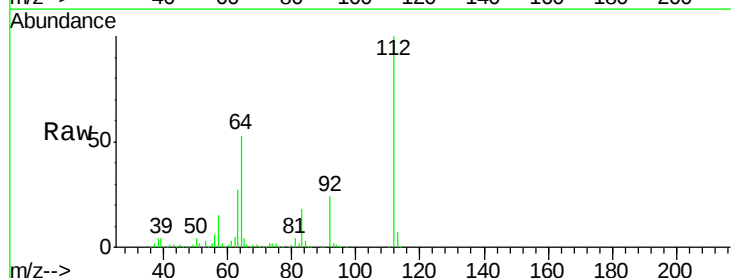
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



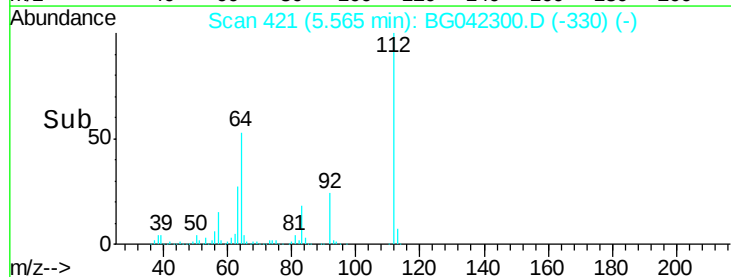
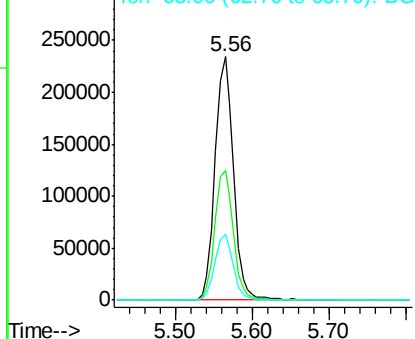
#5

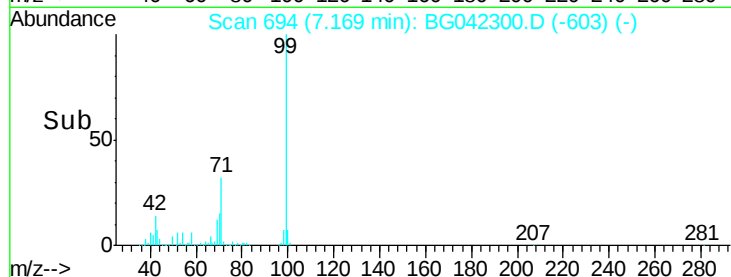
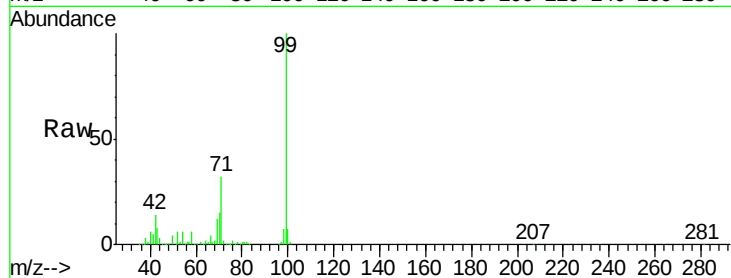
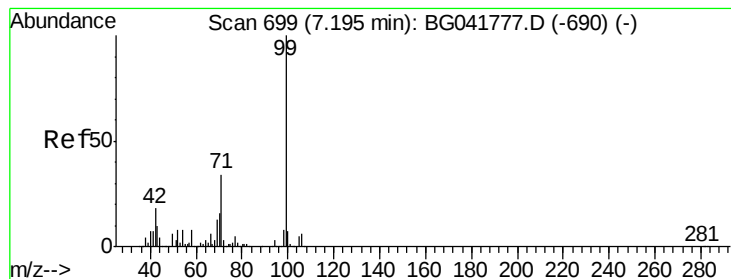
2-Fluorophenol
Concen: 138.036 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042300.D
Acq: 17 Aug 2019 23:47

Tgt Ion:112 Resp: 384326
Ion Ratio Lower Upper
112 100
64 53.4 55.4 83.2#
63 26.9 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: 120.192 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG042300.D

Acq: 17 Aug 2019 23:47

Instrument :

BNA_G

ClientSampleId :

OR-02-081519

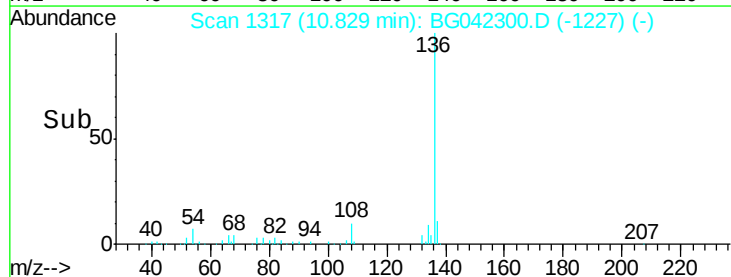
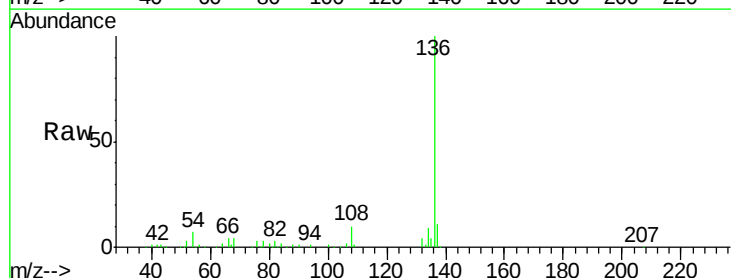
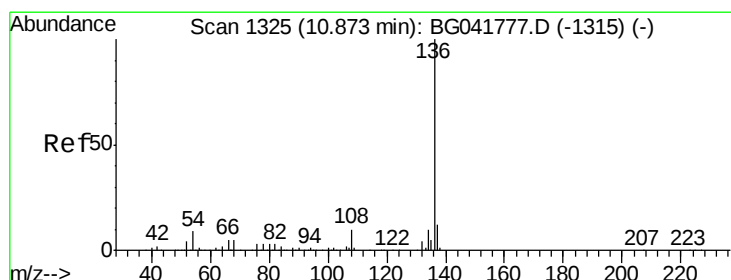
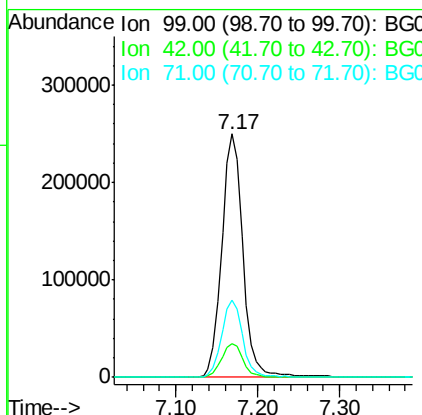
Tot Ion: 99 Resp: 451157

Ion Ratio Lower Upper

99 100

42 14.1 17.6 26.4#

71 31.9 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: BG042300.D

Acq: 17 Aug 2019 23:47

Tgt Ion: 136 Resp: 206953

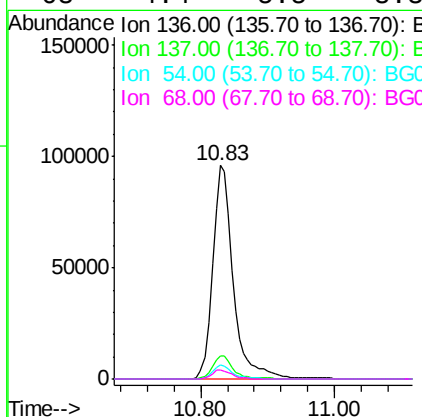
Ion Ratio Lower Upper

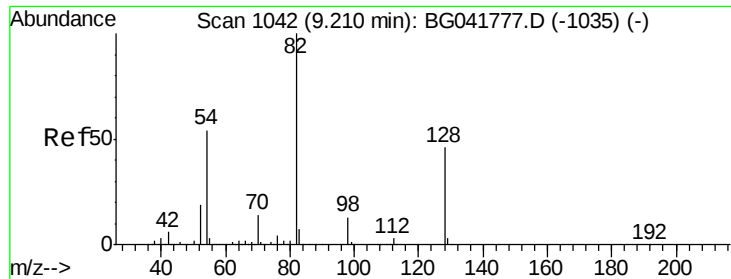
136 100

137 11.0 9.2 13.8

54 6.5 8.7 13.1#

68 4.4 5.5 8.3#

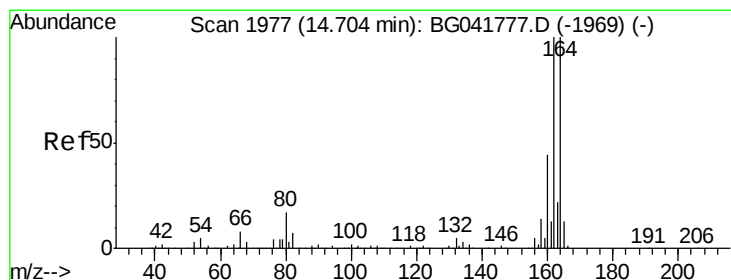
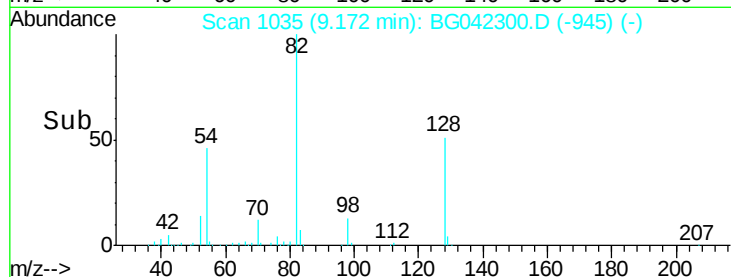
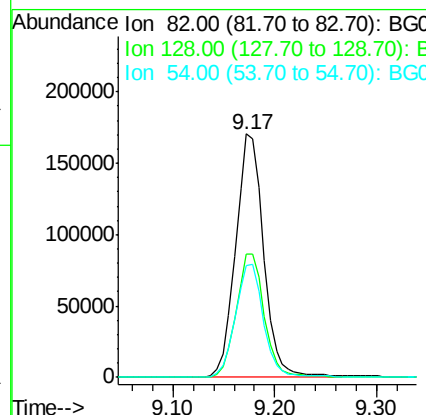
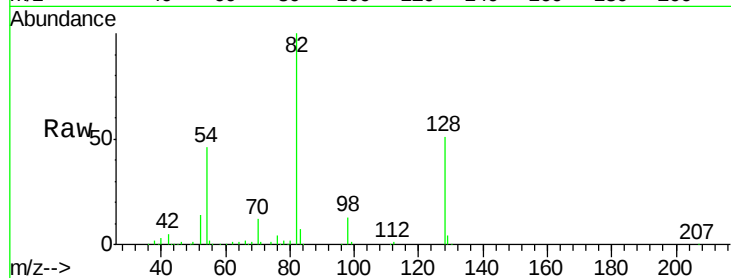




#23
Nitrobenzene-d5
Concen: 108.634 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG042300.D
Acq: 17 Aug 2019 23:47

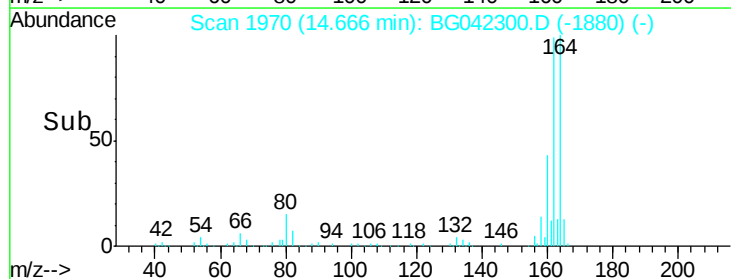
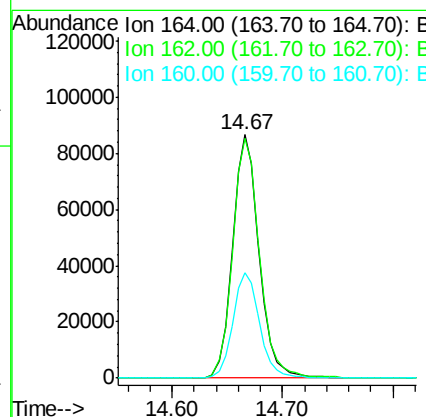
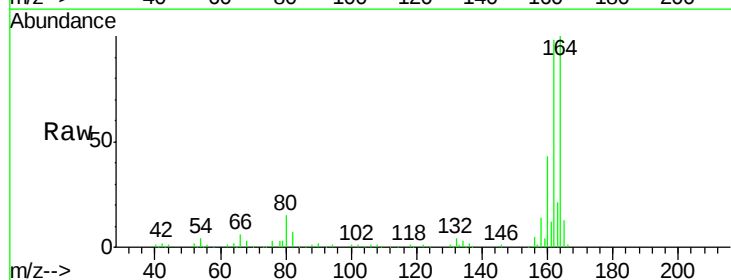
Instrument :
BNA_G
ClientSampleId :
OR-02-081519

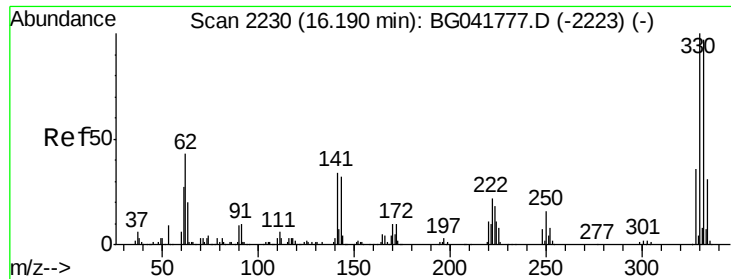
Tot Ion: 82 Resp: 326698
Ion Ratio Lower Upper
82 100
128 50.8 35.1 52.7
54 46.0 48.7 73.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042300.D
Acq: 17 Aug 2019 23:47

Tgt Ion:164 Resp: 145228
Ion Ratio Lower Upper
164 100
162 98.4 79.6 119.4
160 43.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 201.795 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BG042300.D

Acq: 17 Aug 2019 23:47

Instrument :

BNA_G

ClientSampleId :

OR-02-081519

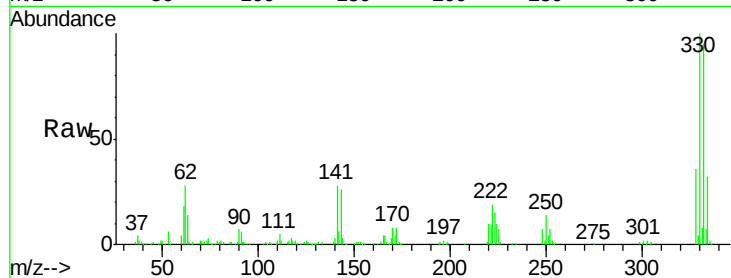
Tot Ion:330 Resp: 332880

Ion Ratio Lower Upper

330 100

332 95.0 77.4 116.0

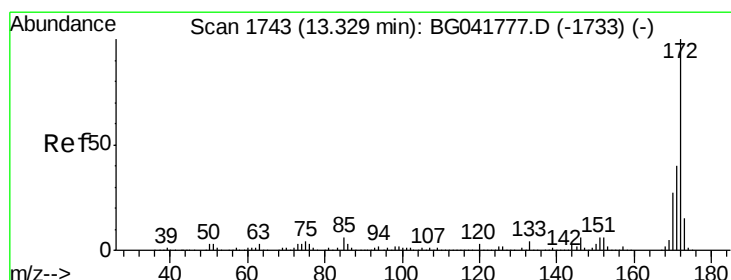
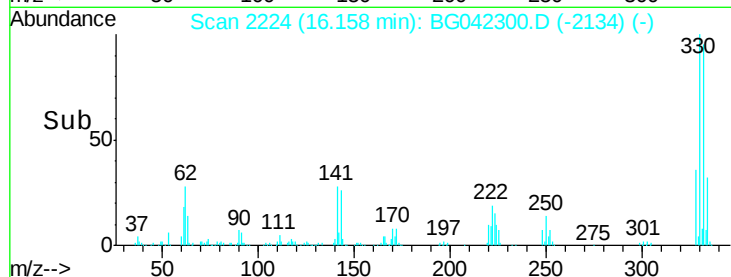
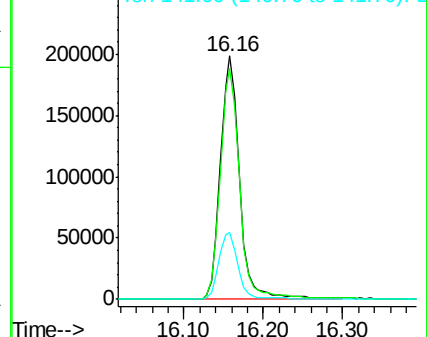
141 27.9 31.9 47.9#



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: 119.176 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG042300.D

Acq: 17 Aug 2019 23:47

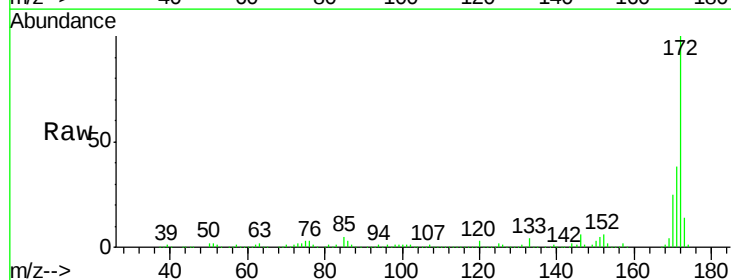
Tgt Ion:172 Resp: 981319

Ion Ratio Lower Upper

172 100

171 38.2 35.0 52.4

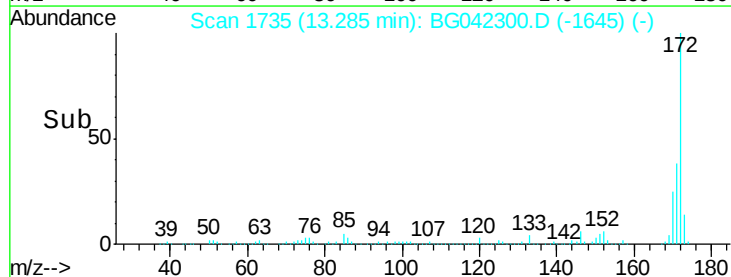
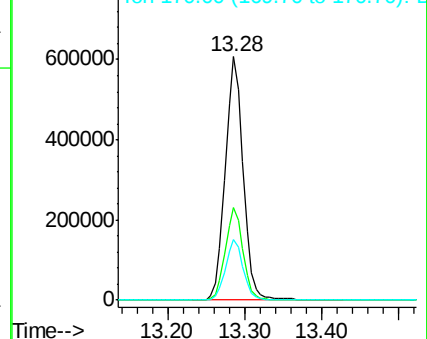
170 25.1 23.5 35.3

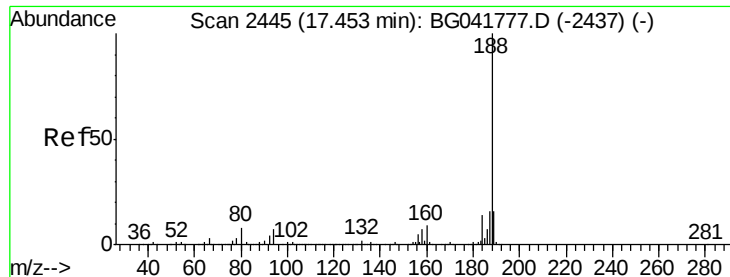


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2438

Delta R.T. -0.00 min

Lab File: BG042300.D

Acq: 17 Aug 2019 23:47

Instrument :

BNA_G

ClientSampleId :

OR-02-081519

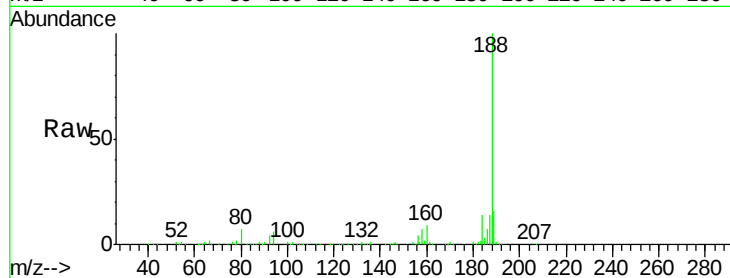
Tot Ion:188 Resp: 351842

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

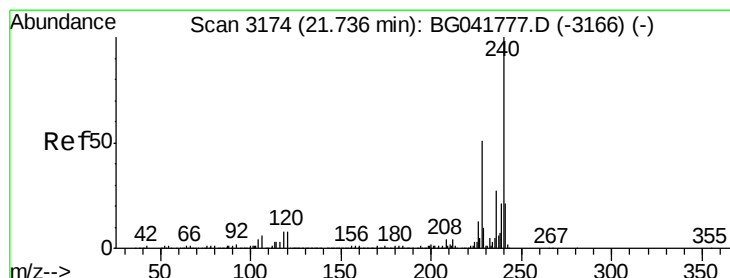
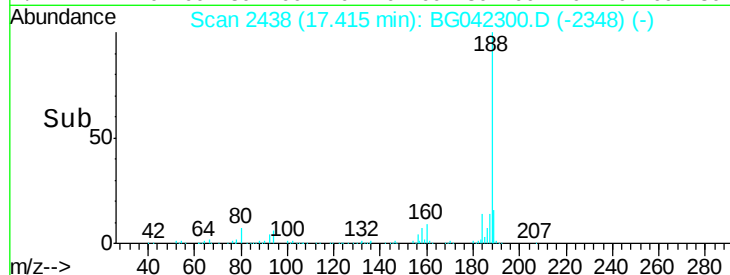
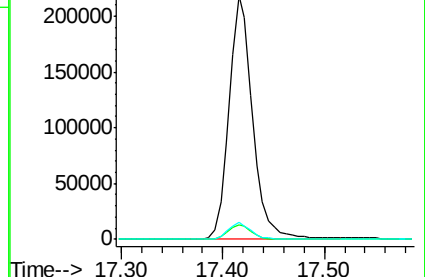
80 6.8 8.0 12.0#



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: BG042300.D

Acq: 17 Aug 2019 23:47

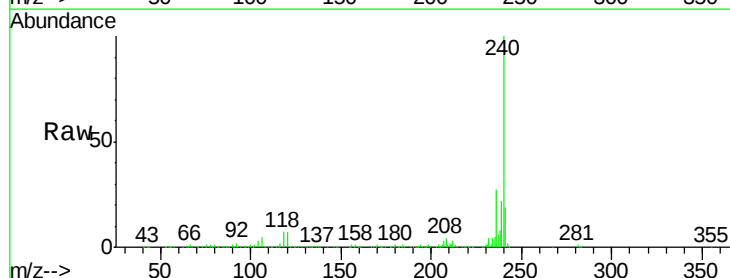
Tgt Ion:240 Resp: 410333

Ion Ratio Lower Upper

240 100

120 7.1 8.0 12.0#

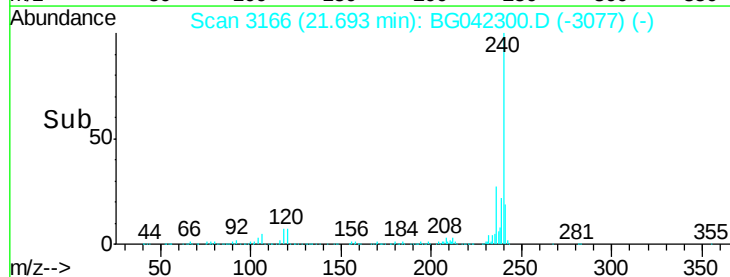
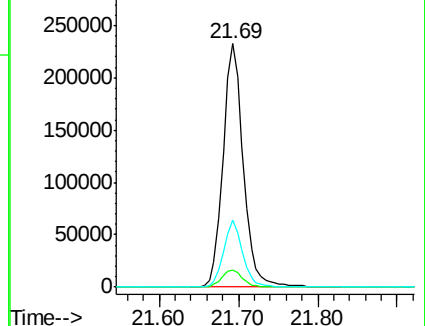
236 27.5 22.6 33.8

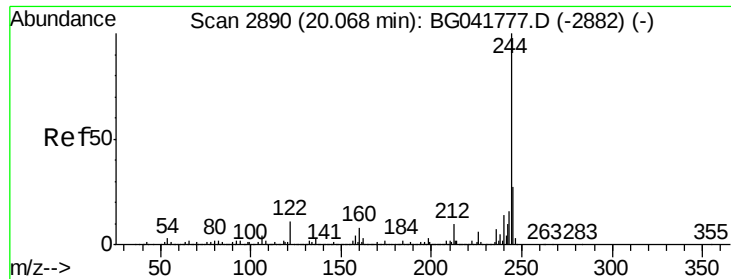


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 108.171 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042300.D

Acq: 17 Aug 2019 23:47

Instrument :

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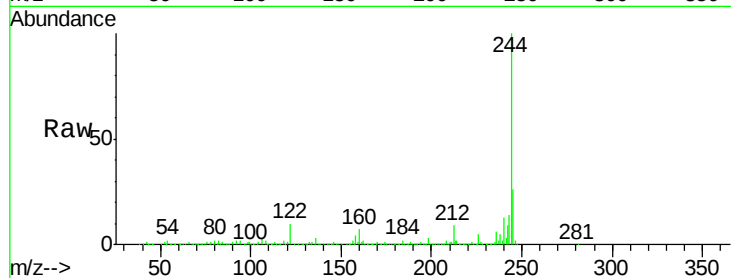
Tot Ion:244 Resp: 1939735

Ion Ratio Lower Upper

244 100

212 8.6 9.7 14.5#

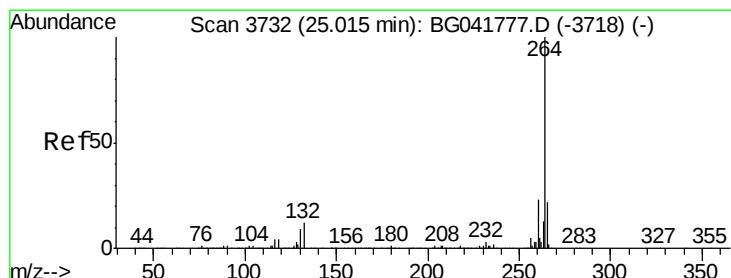
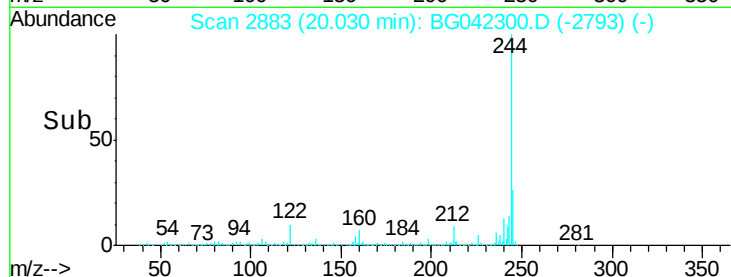
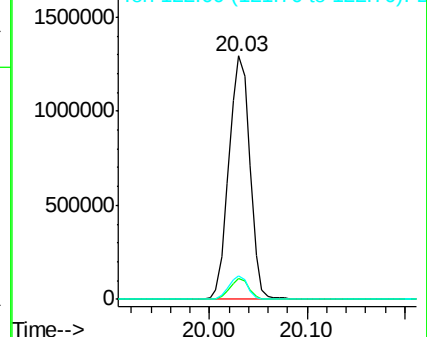
122 9.7 12.5 18.7#



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# 3718

Delta R.T. -0.01 min

Lab File: BG042300.D

Acq: 17 Aug 2019 23:47

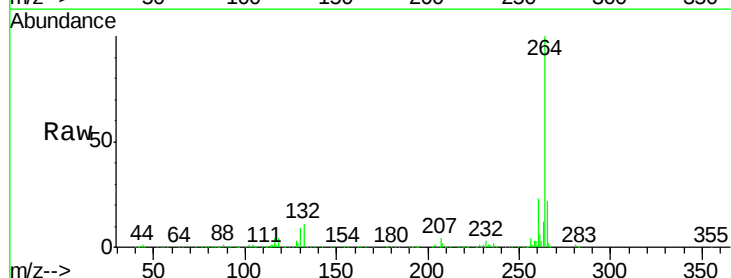
Tgt Ion:264 Resp: 474642

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

265 21.8 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

