

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042303.D
 Acq On : 18 Aug 2019 1:43
 Operator : HP/JU
 Sample : K4322-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-3

Quant Time: Aug 19 07:55:47 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	54793	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	203951	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	148626	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	361918	20.00	ng	0.00
76) Chrysene-d12	21.69	240	428257	20.00	ng	-0.01
87) Perylene-d12	24.94	264	482410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	354581	125.91	ng	0.00
7) Phenol-d6	7.17	99	440322	115.97	ng	0.00
23) Nitrobenzene-d5	9.18	82	287575	97.03	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	287346	170.21	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	901145	106.94	ng	0.00
79) Terphenyl-d14	20.03	244	1805557	96.47	ng	0.00

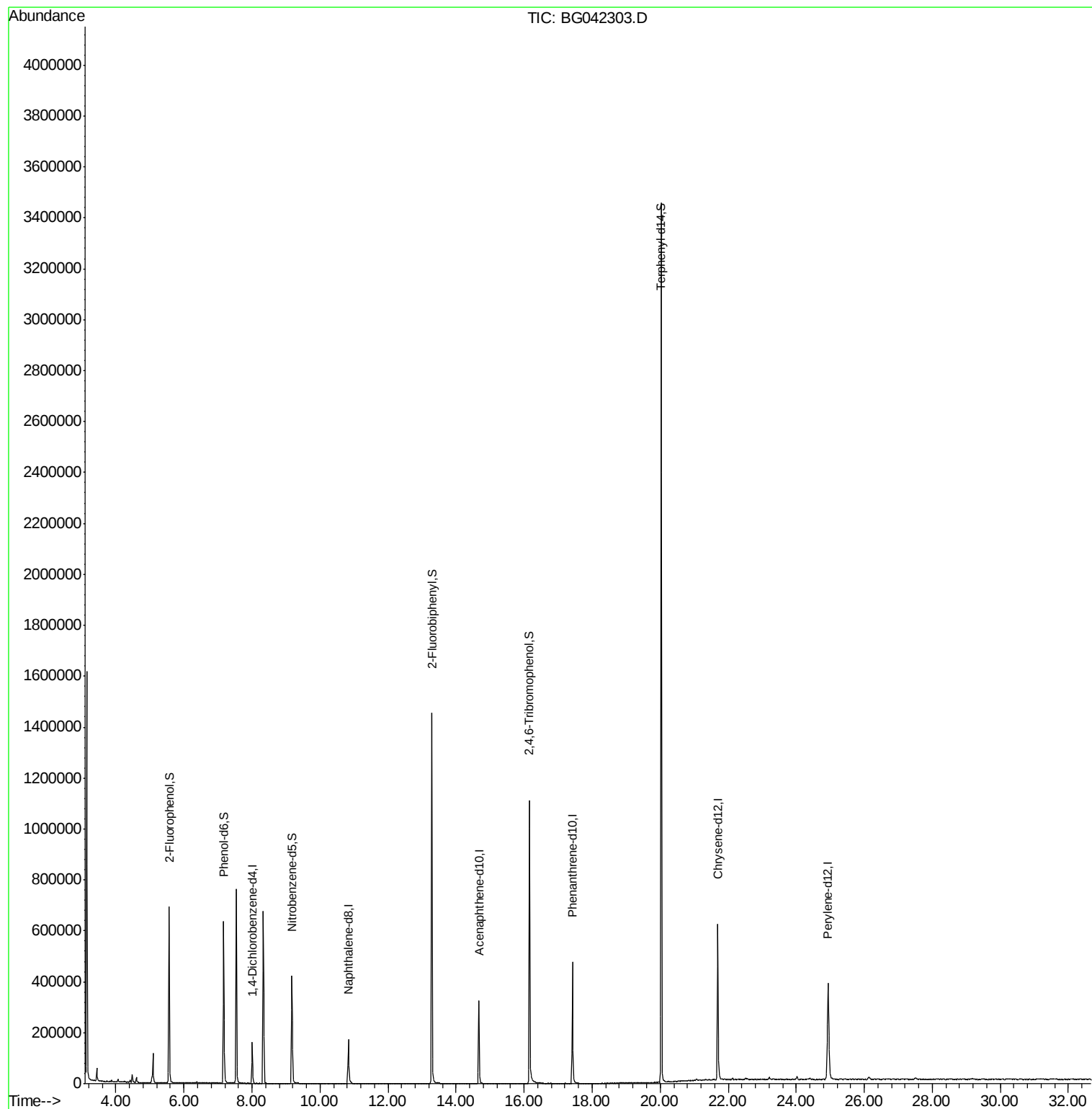
Target Compounds Qvalue

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

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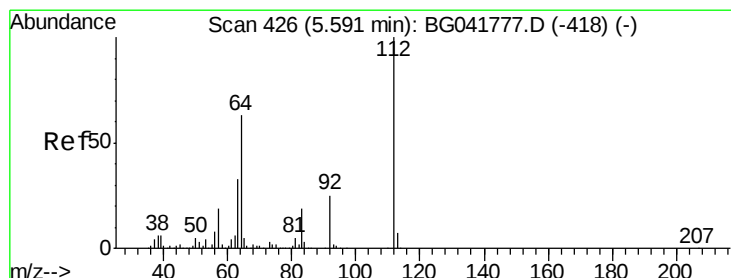
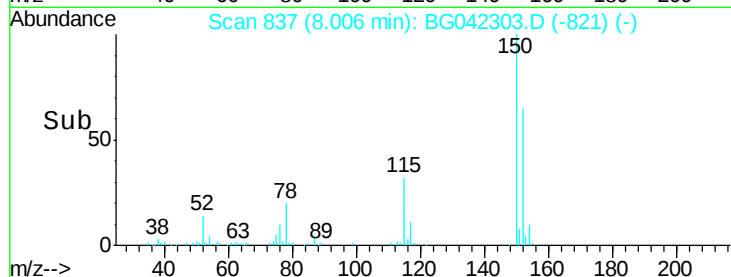
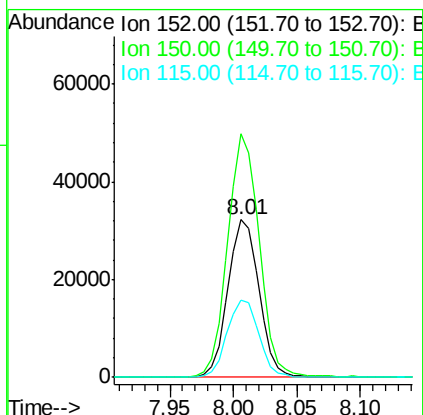
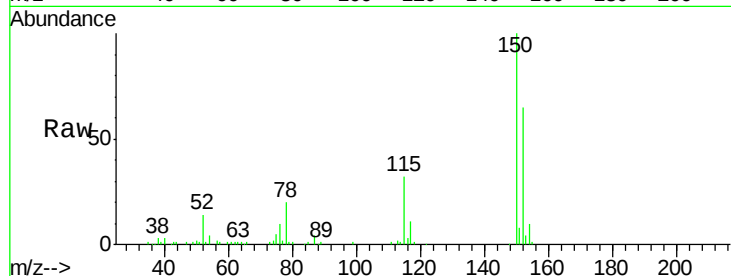


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BG042303.D
 Acq: 18 Aug 2019 1:43

Instrument :
 BNA_G
 ClientSampleId :
 SP-3

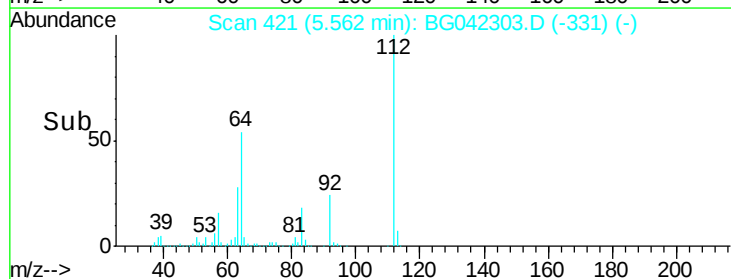
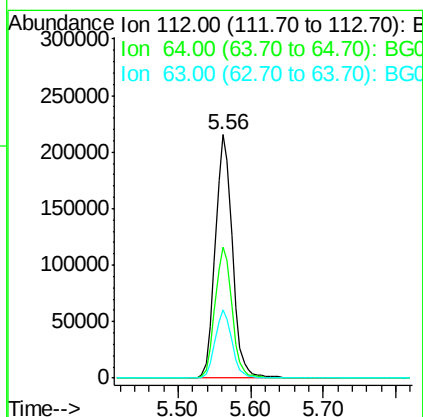
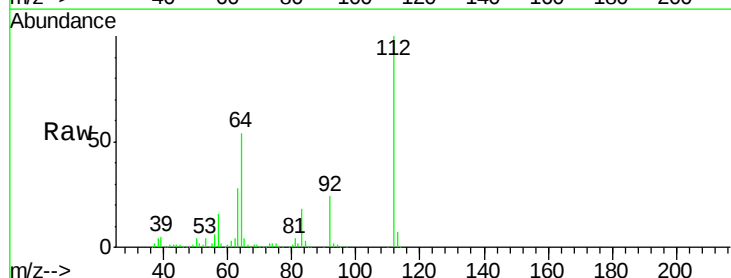
Tot Ion:152 Resp: 54793
 Ion Ratio Lower Upper
 152 100
 150 154.4 126.9 190.3
 115 48.8 45.0 67.6



#5

2-Fluorophenol
 Concen: 125.907 ng
 RT: 5.56 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BG042303.D
 Acq: 18 Aug 2019 1:43

Tgt Ion:112 Resp: 354581
 Ion Ratio Lower Upper
 112 100
 64 53.8 55.4 83.2#
 63 28.0 29.1 43.7#





#7

Phenol-d6

Concen: 115.974 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG042303.D

Acq: 18 Aug 2019 1:43

Instrument :

BNA_G

ClientSampleId :

SP-3

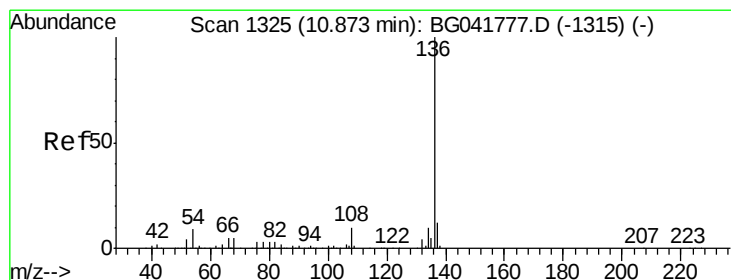
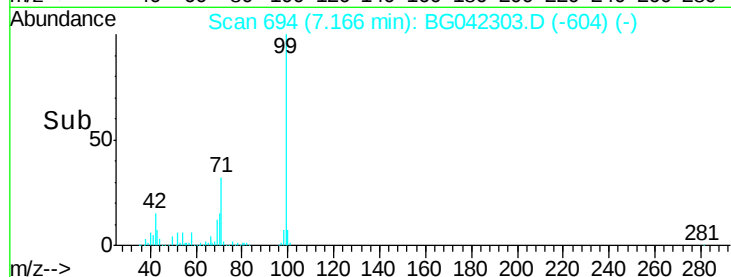
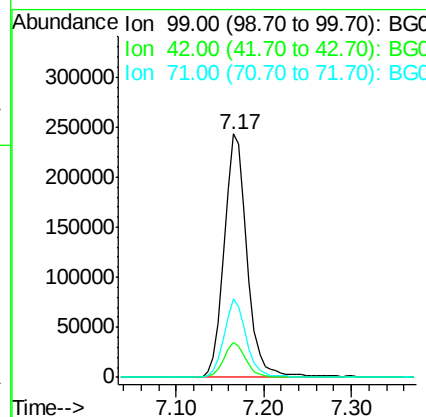
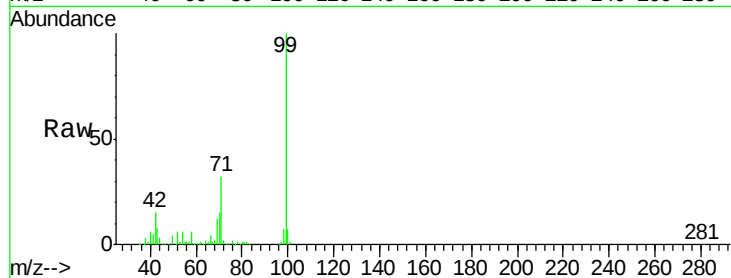
Tot Ion: 99 Resp: 440322

Ion Ratio Lower Upper

99 100

42 14.6 17.6 26.4#

71 32.0 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: BG042303.D

Acq: 18 Aug 2019 1:43

Tgt Ion: 136 Resp: 203951

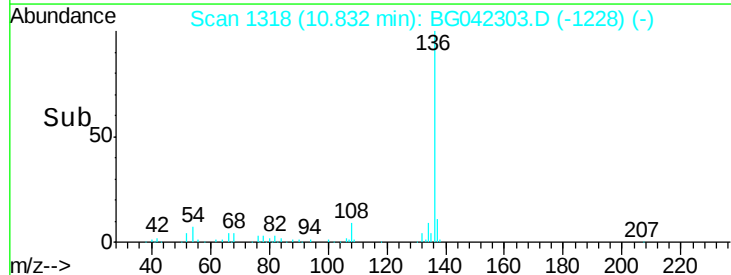
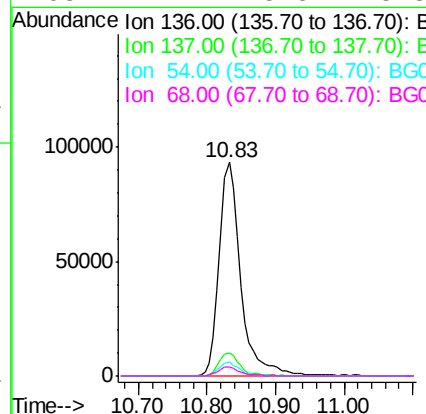
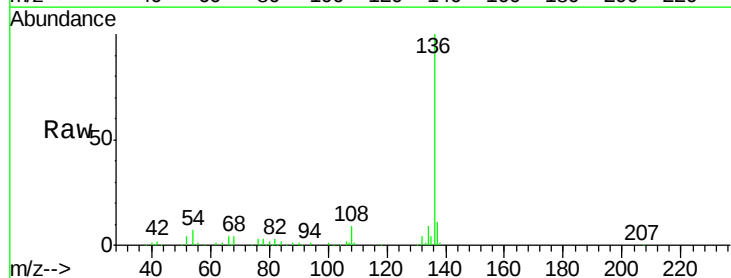
Ion Ratio Lower Upper

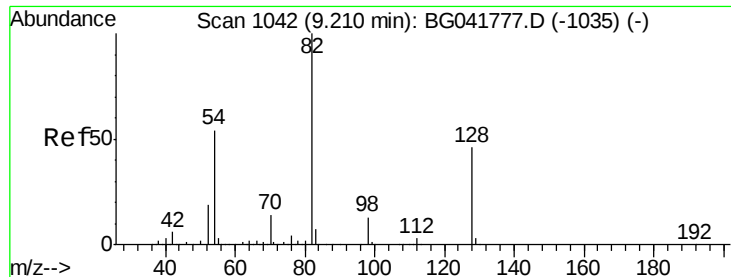
136 100

137 10.9 9.2 13.8

54 6.7 8.7 13.1#

68 4.4 5.5 8.3#

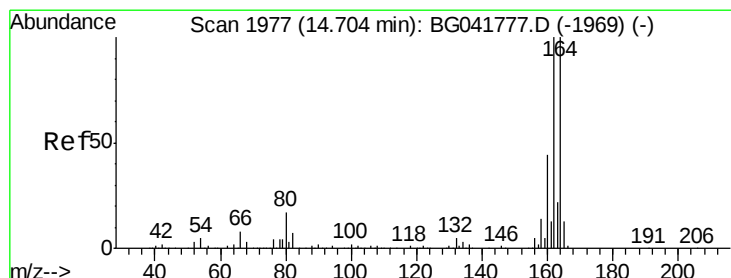
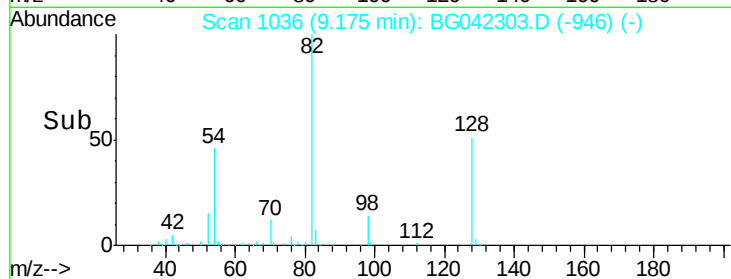
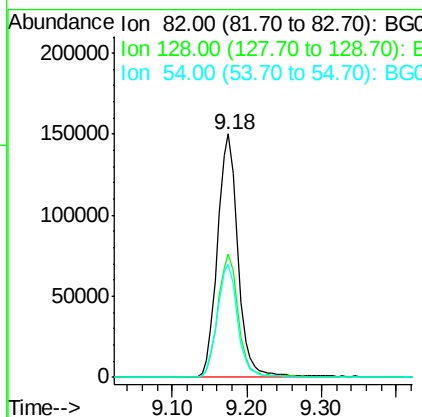
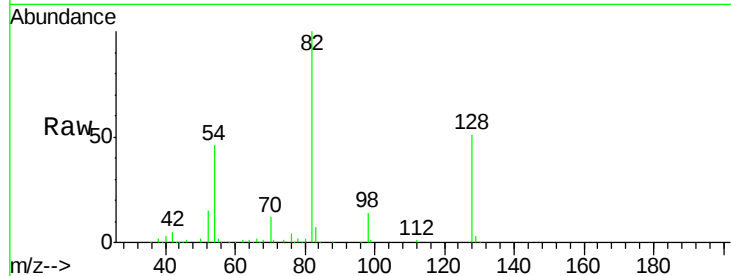




#23
 Nitrobenzene-d5
 Concen: 97.032 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG042303.D
 Acq: 18 Aug 2019 1:43

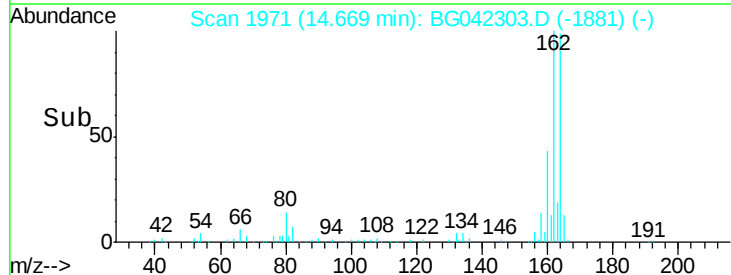
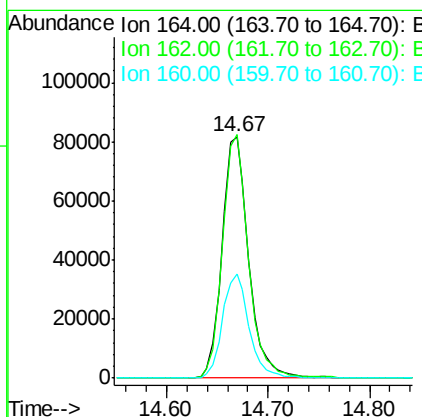
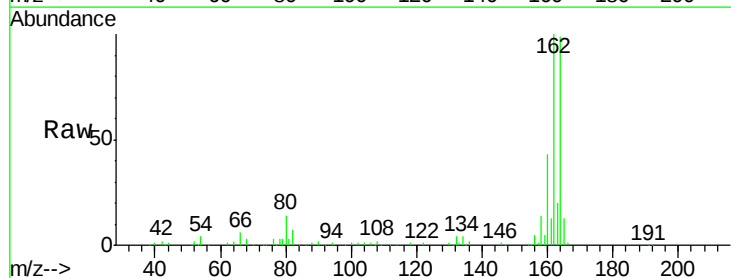
Instrument :
 BNA_G
 ClientSampleID :
 SP-3

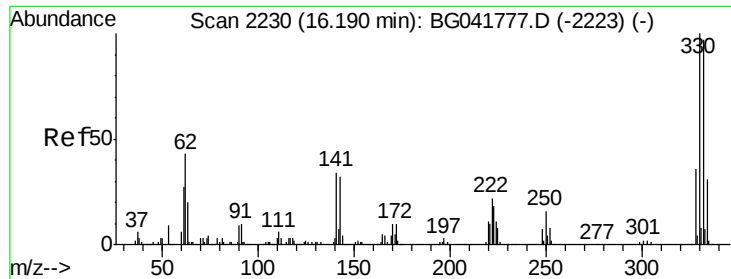
Tot Ion: 82 Resp: 287575
 Ion Ratio Lower Upper
 82 100
 128 50.7 35.1 52.7
 54 46.2 48.7 73.1#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: BG042303.D
 Acq: 18 Aug 2019 1:43

Tgt Ion: 164 Resp: 148626
 Ion Ratio Lower Upper
 164 100
 162 100.7 79.6 119.4
 160 42.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 170.210 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042303.D

Acq: 18 Aug 2019 1:43

Instrument :

BNA_G

ClientSampleId :

SP-3

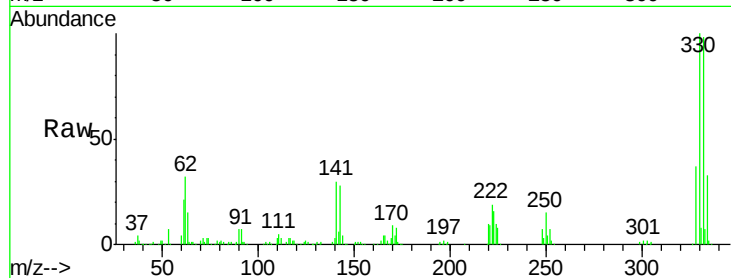
Tot Ion:330 Resp: 287346

Ion Ratio Lower Upper

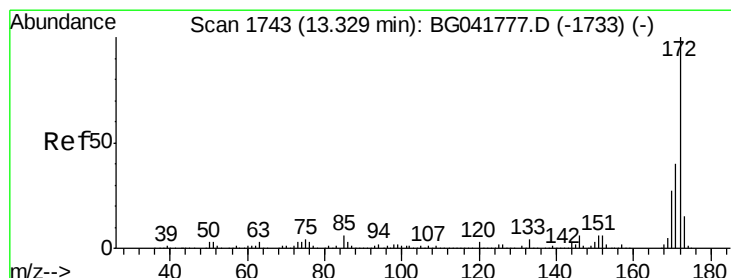
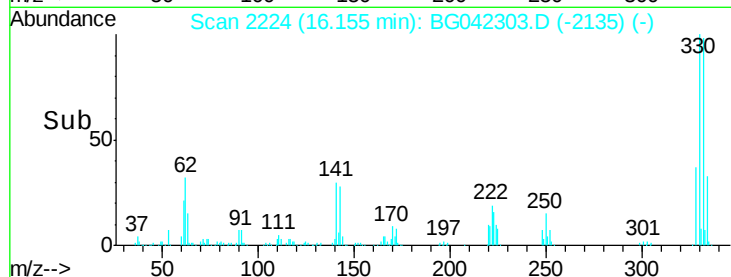
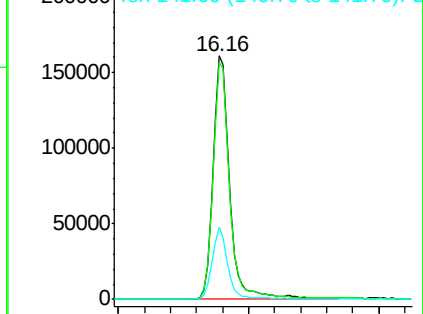
330 100

332 95.6 77.4 116.0

141 27.4 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: 106.938 ng

RT: 13.29 min Scan# 1736

Delta R.T. 0.00 min

Lab File: BG042303.D

Acq: 18 Aug 2019 1:43

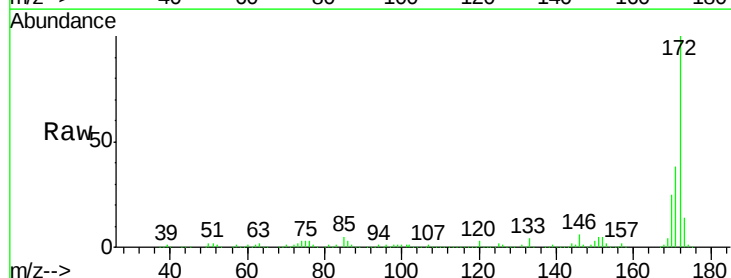
Tgt Ion:172 Resp: 901145

Ion Ratio Lower Upper

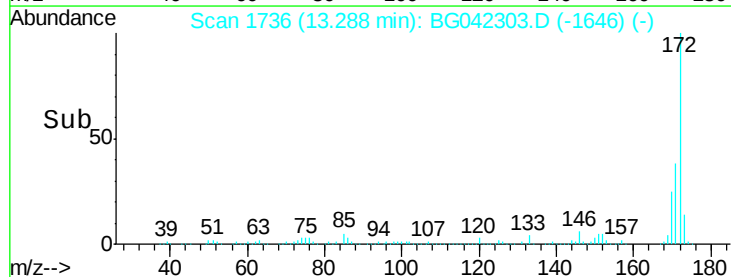
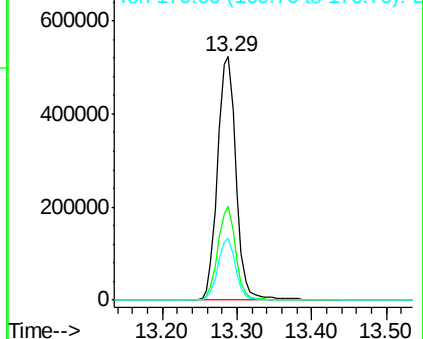
172 100

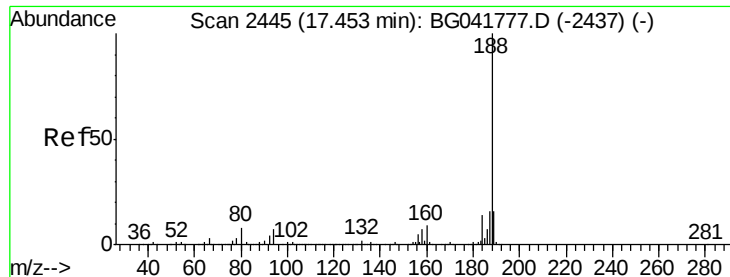
171 38.3 35.0 52.4

170 25.4 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: BG042303.D

Acq: 18 Aug 2019 1:43

Instrument :

BNA_G

ClientSampled :

SP-3

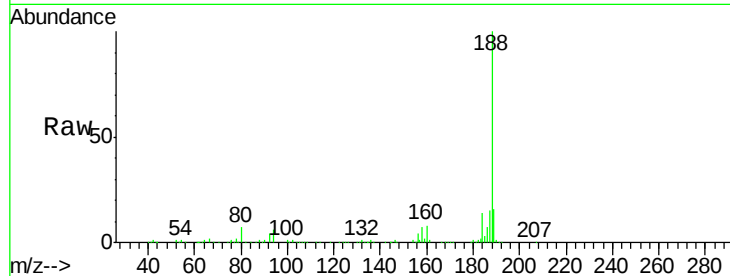
Tot Ion:188 Resp: 361918

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

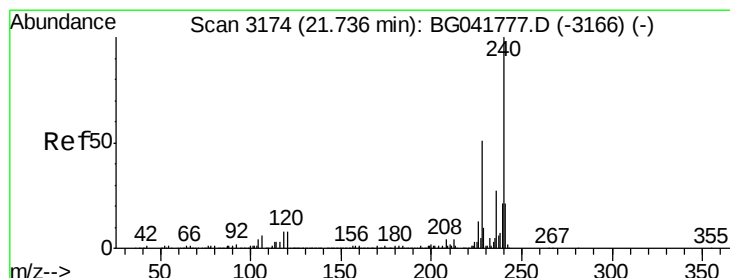
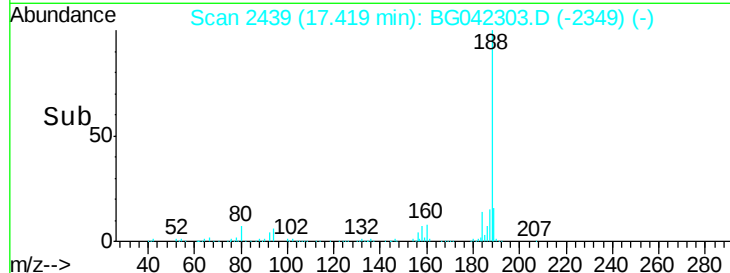
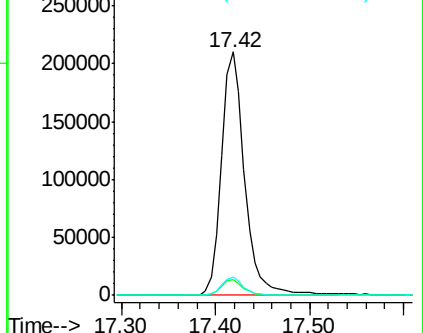
80 7.4 8.0 12.0#



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: BG042303.D

Acq: 18 Aug 2019 1:43

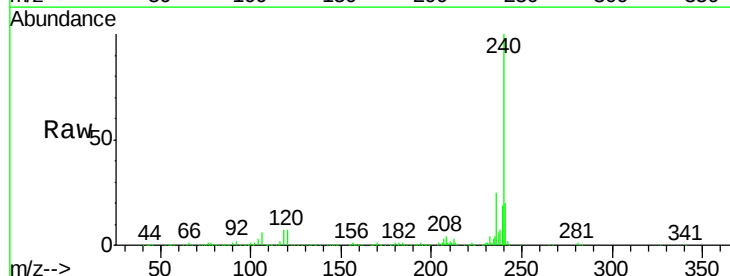
Tgt Ion:240 Resp: 428257

Ion Ratio Lower Upper

240 100

120 7.4 8.0 12.0#

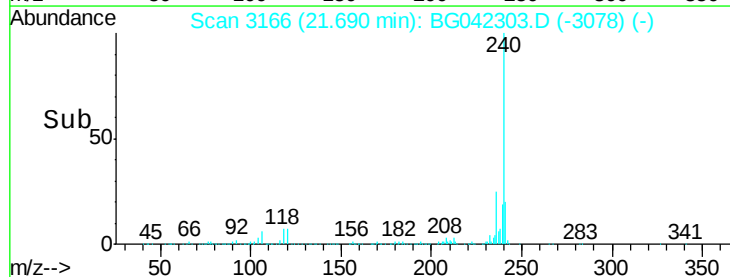
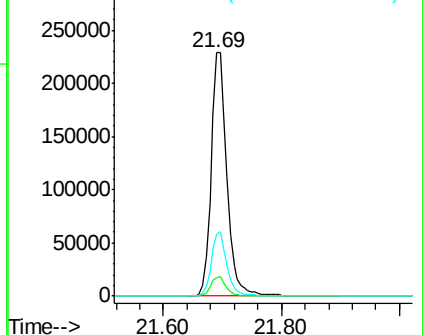
236 25.5 22.6 33.8

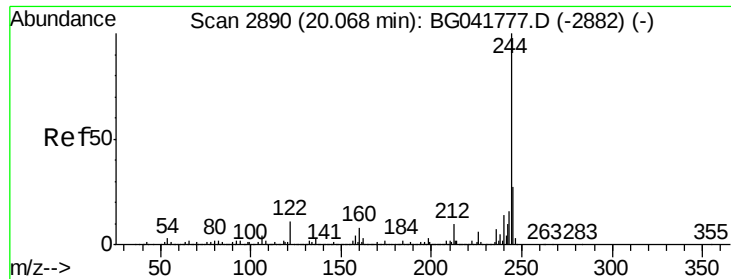


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.474 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG042303.D

Acq: 18 Aug 2019 1:43

Instrument :

BNA_G

ClientSampleId :

SP-3

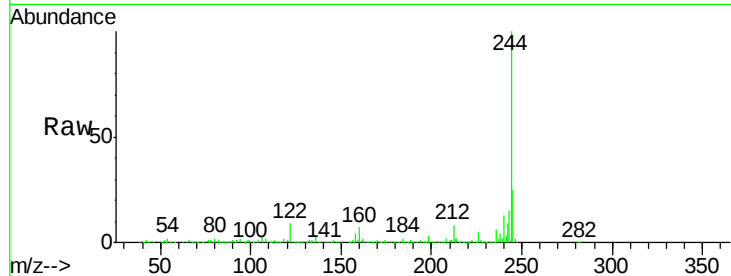
Tot Ion:244 Resp: 1805557

Ion Ratio Lower Upper

244 100

212 8.4 9.7 14.5#

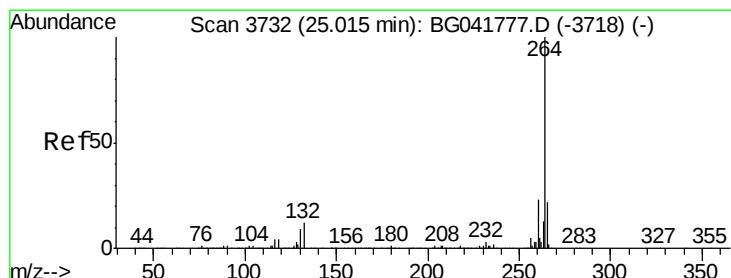
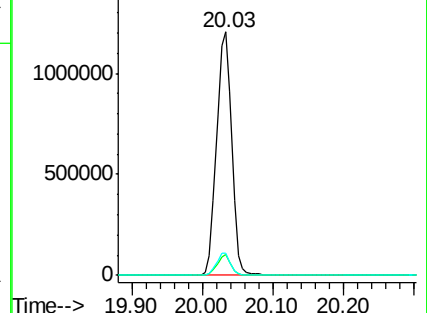
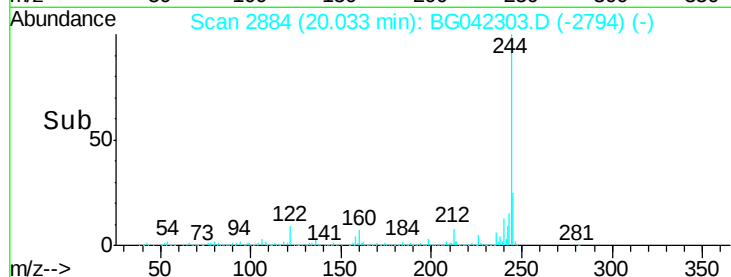
122 9.2 12.5 18.7#



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: BG042303.D

Acq: 18 Aug 2019 1:43

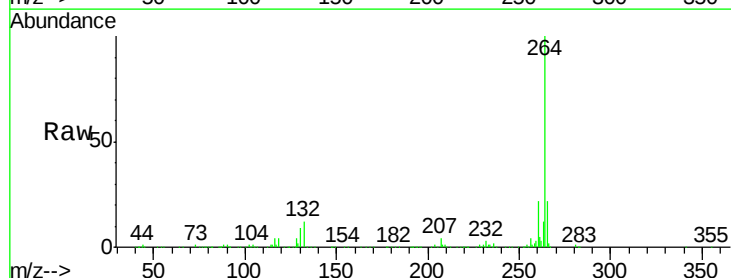
Tgt Ion:264 Resp: 482410

Ion Ratio Lower Upper

264 100

260 22.3 19.5 29.3

265 22.1 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

