

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042307.D
 Acq On : 18 Aug 2019 4:17
 Operator : HP/JU
 Sample : K4266-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R1-R2(A1-A4)-(4.3)

Quant Time: Aug 19 08:06:07 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	61253	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	224130	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	163165	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	398361	20.00	ng	0.00
76) Chrysene-d12	21.69	240	463866	20.00	ng	0.00
87) Perylene-d12	24.94	264	527666	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	402447	127.83	ng	0.00
7) Phenol-d6	7.17	99	473687	111.60	ng	0.00
23) Nitrobenzene-d5	9.17	82	354394	108.81	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	351008	189.39	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1074249	116.12	ng	0.00
79) Terphenyl-d14	20.03	244	2117819	104.47	ng	0.00

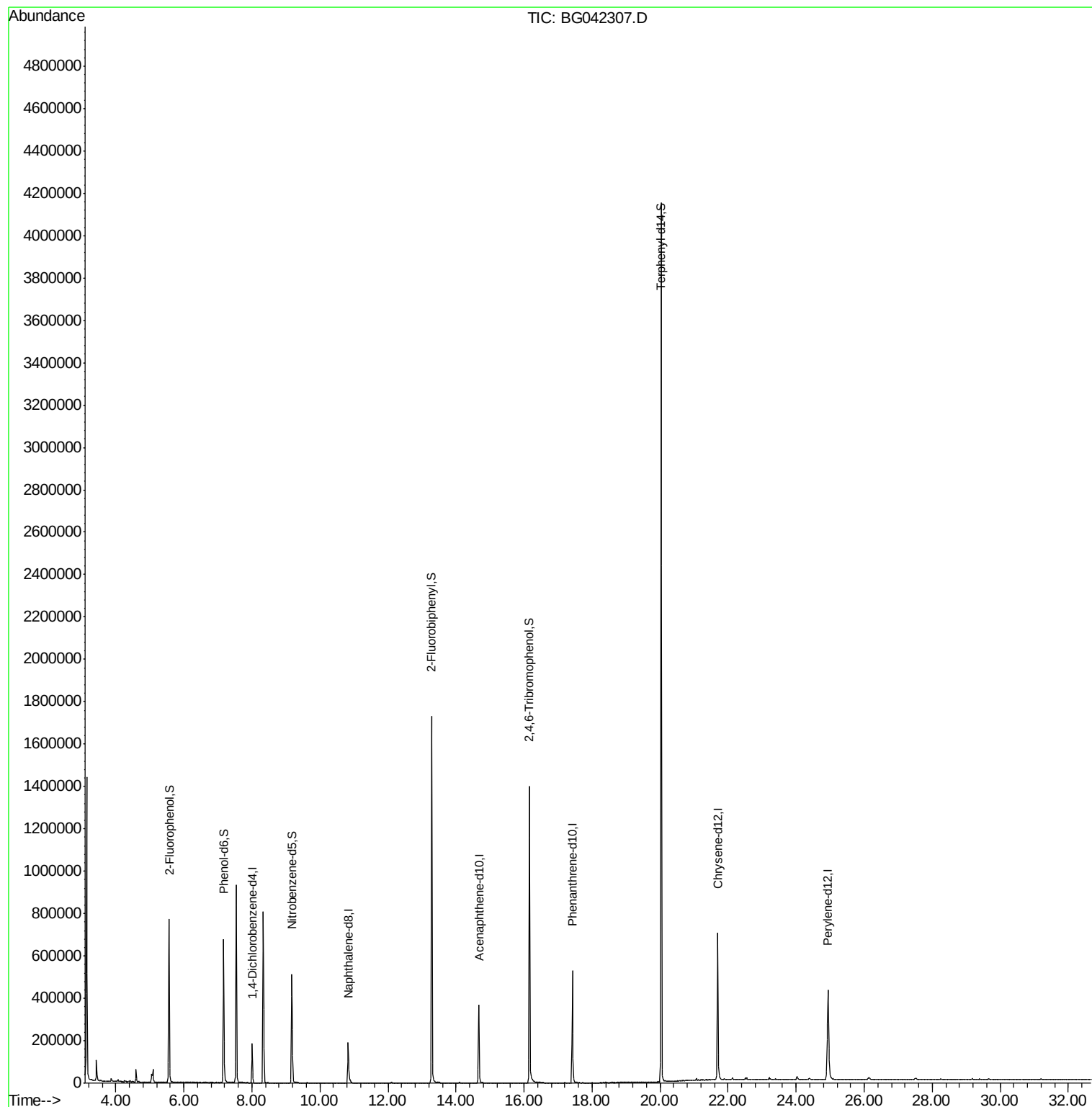
Target Compounds Qvalue

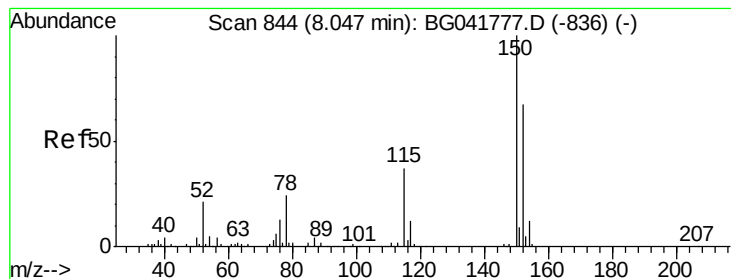
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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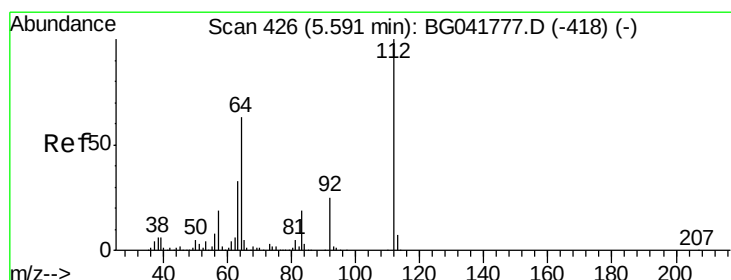
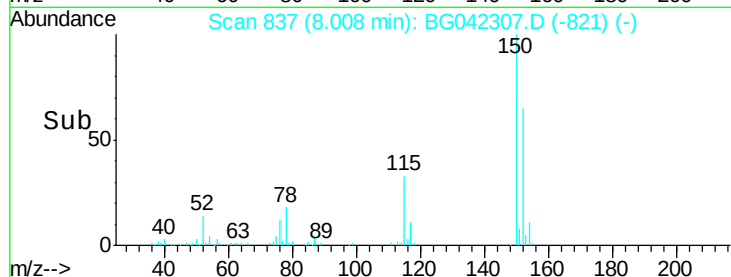
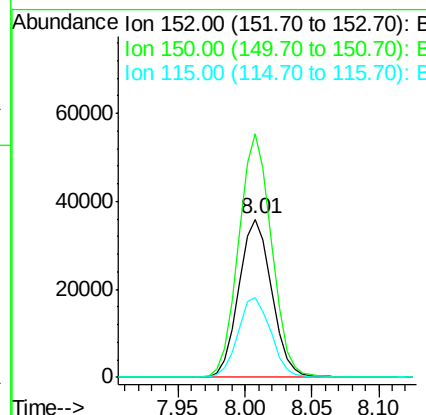
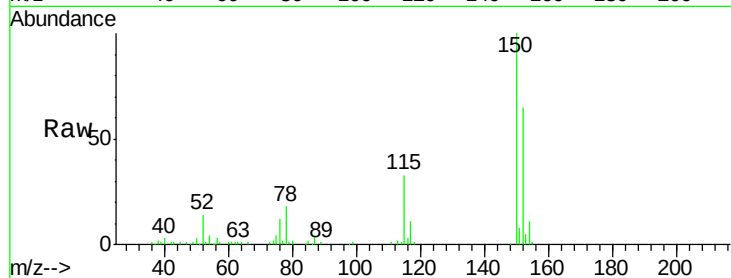


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042307.D
Acq: 18 Aug 2019 4:17

Instrument :
BNA_G
ClientSampleId :
R1-R2(A1-A4)-(4.3)

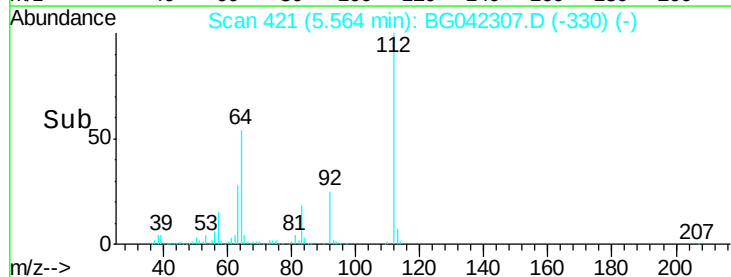
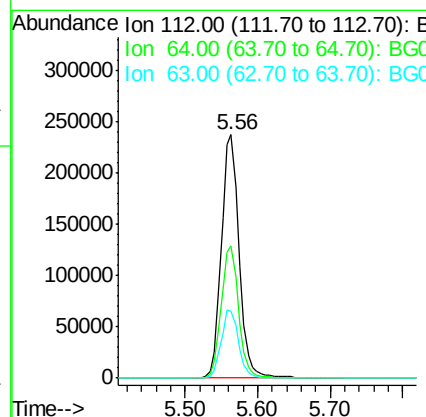
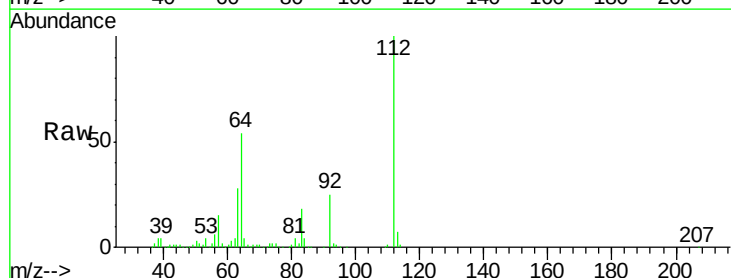
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.9	190.3
115	50.1	45.0	67.6

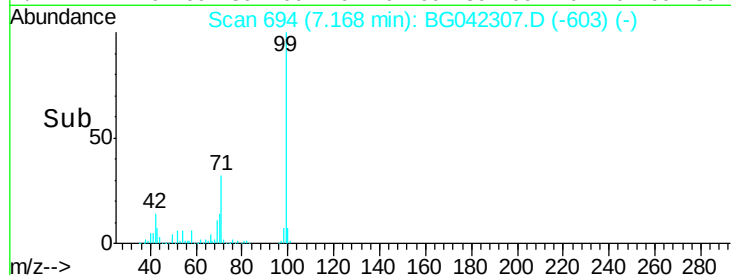
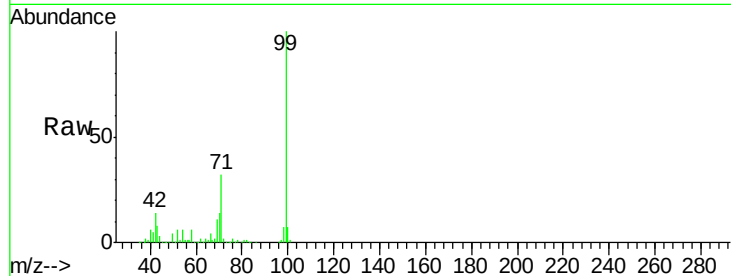
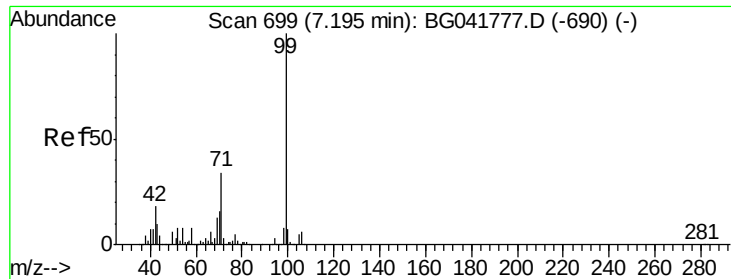


#5

2-Fluorophenol
Concen: 127.832 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042307.D
Acq: 18 Aug 2019 4:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	55.4	83.2#
63	27.7	29.1	43.7#





#7

Phenol-d6

Concen: 111.604 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG042307.D

Acq: 18 Aug 2019 4:17

Instrument :

BNA_G

ClientSampleId :

R1-R2(A1-A4)-(4.3)

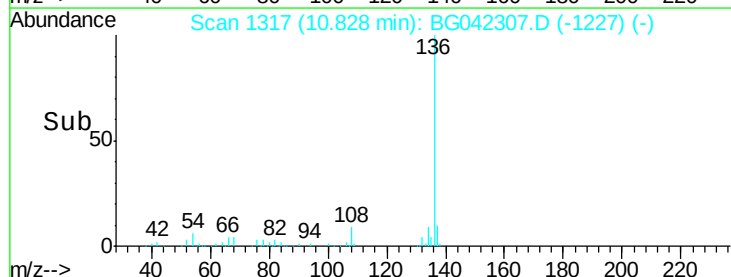
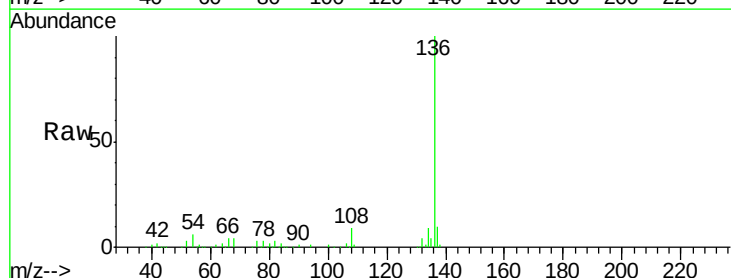
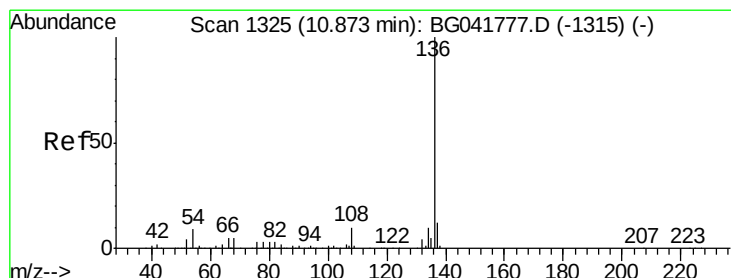
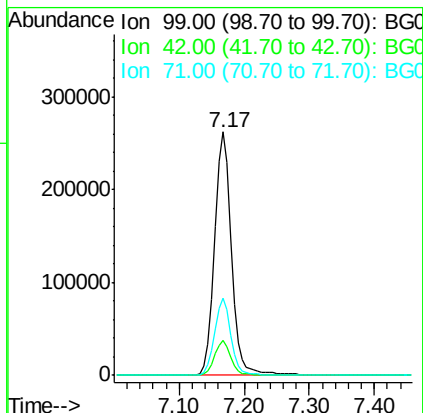
Tot Ion: 99 Resp: 473687

Ion Ratio Lower Upper

99 100

42 14.2 17.6 26.4#

71 32.0 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: BG042307.D

Acq: 18 Aug 2019 4:17

Tgt Ion: 136 Resp: 224130

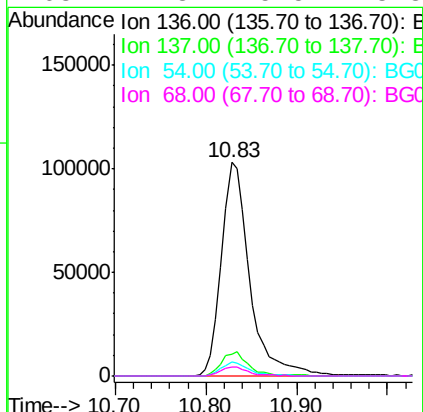
Ion Ratio Lower Upper

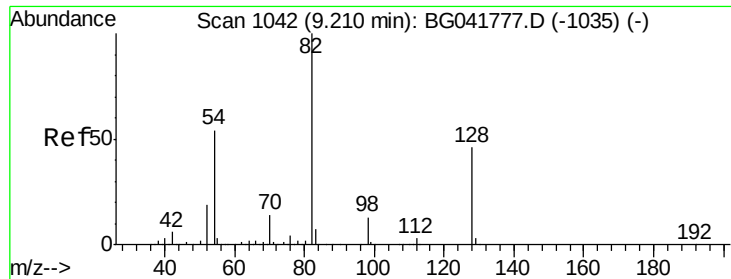
136 100

137 10.3 9.2 13.8

54 6.4 8.7 13.1#

68 4.3 5.5 8.3#

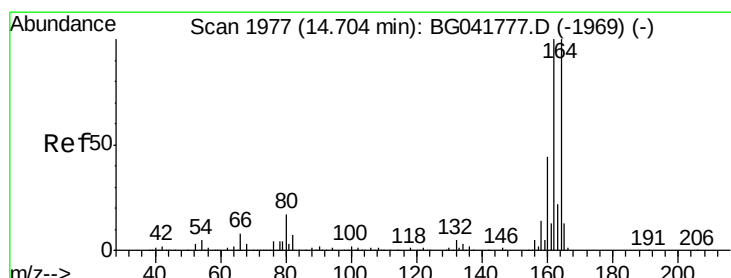
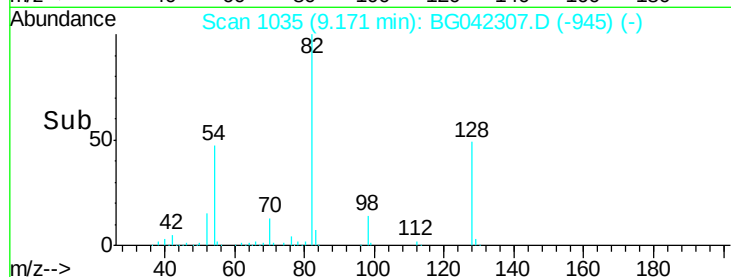
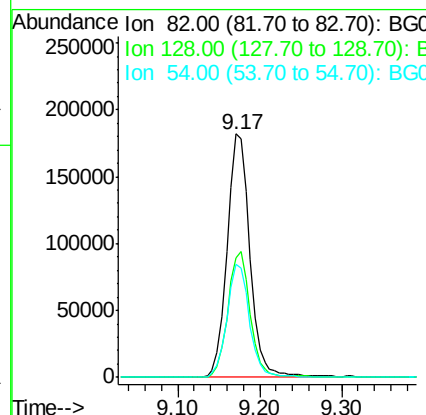
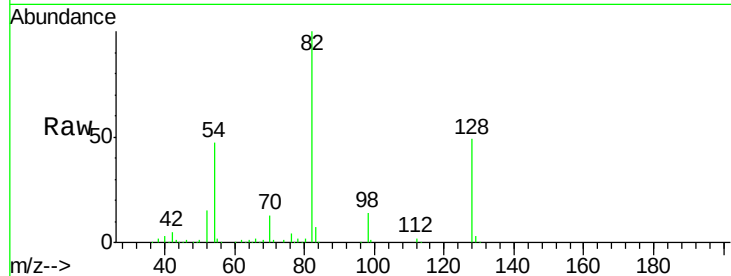




#23
 Nitrobenzene-d5
 Concen: 108.812 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG042307.D
 Acq: 18 Aug 2019 4:17

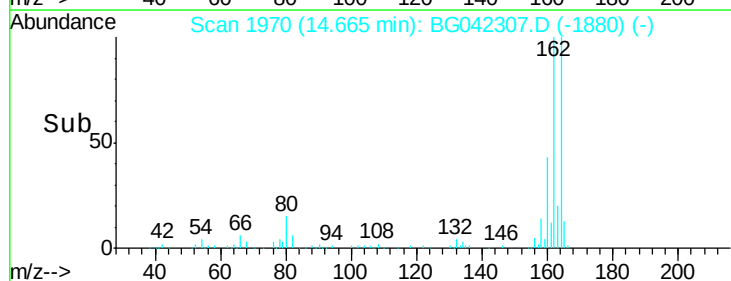
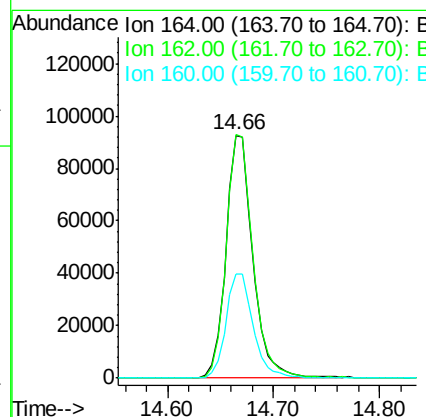
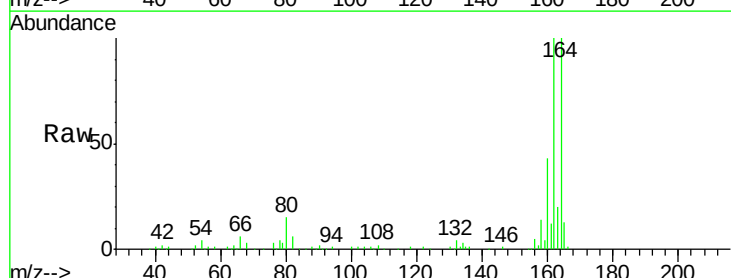
Instrument :
 BNA_G
 ClientSampleId :
 R1-R2(A1-A4)-(4.3)

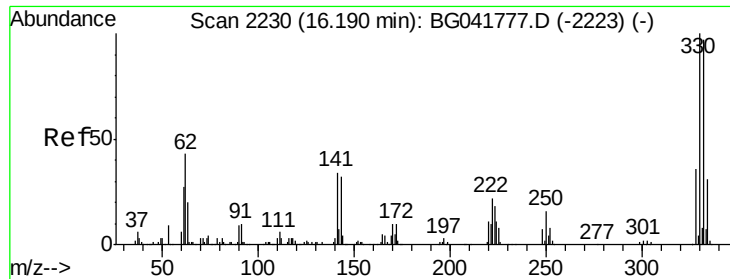
Tot Ion	82	Resp	354394
Ion Ratio	100	Lower	Upper
128	49.1	35.1	52.7
54	46.5	48.7	73.1#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: BG042307.D
 Acq: 18 Aug 2019 4:17

Tgt Ion	164	Resp	163165
Ion Ratio	100	Lower	Upper
162	100.2	79.6	119.4
160	42.9	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 189.393 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BG042307.D

Acq: 18 Aug 2019 4:17

Instrument :

BNA_G

ClientSampleId :

R1-R2(A1-A4)-(4.3)

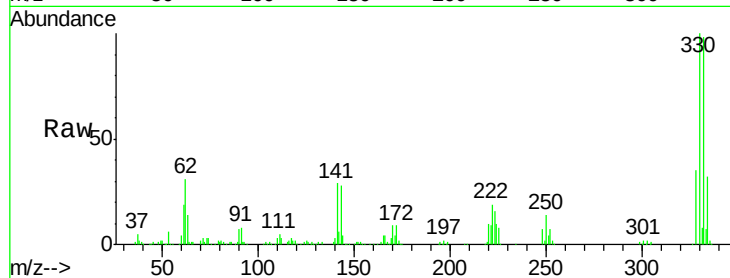
Tot Ion:330 Resp: 351008

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.0

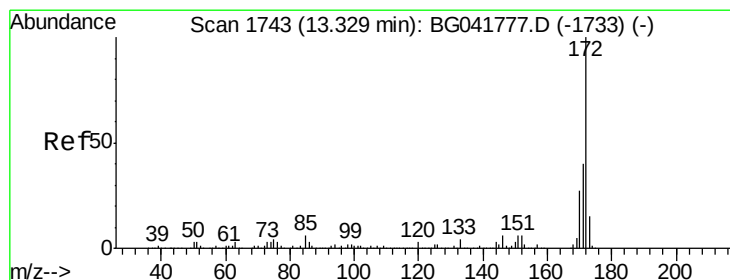
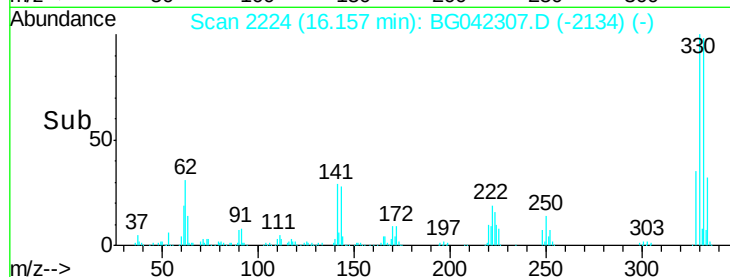
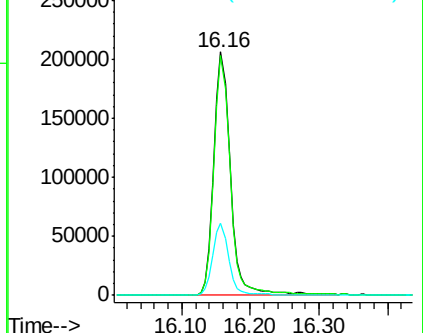
141 28.6 31.9 47.9#



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: 116.120 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG042307.D

Acq: 18 Aug 2019 4:17

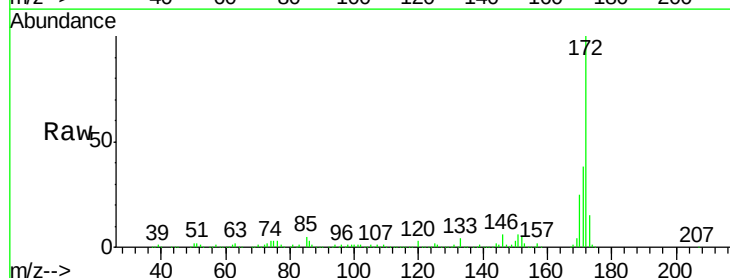
Tgt Ion:172 Resp: 1074249

Ion Ratio Lower Upper

172 100

171 37.7 35.0 52.4

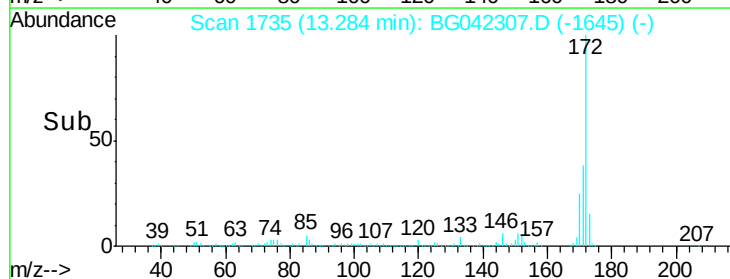
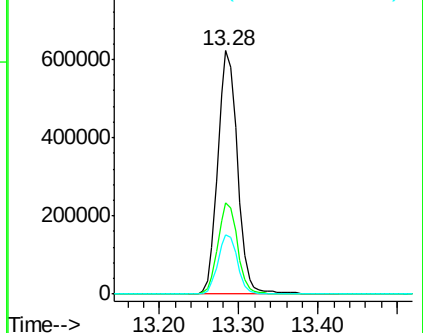
170 24.6 23.5 35.3

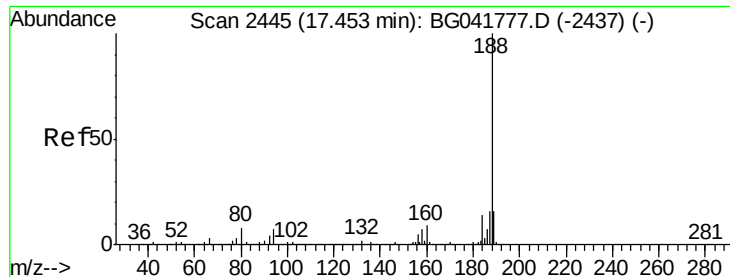


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG042307.D

Acq: 18 Aug 2019 4:17

Instrument :

BNA_G

ClientSampleId :

R1-R2(A1-A4)-(4.3)

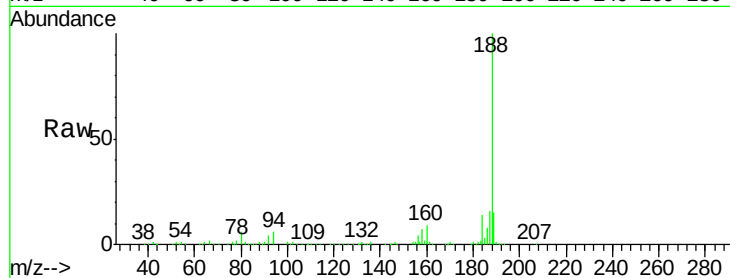
Tot Ion:188 Resp: 398361

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

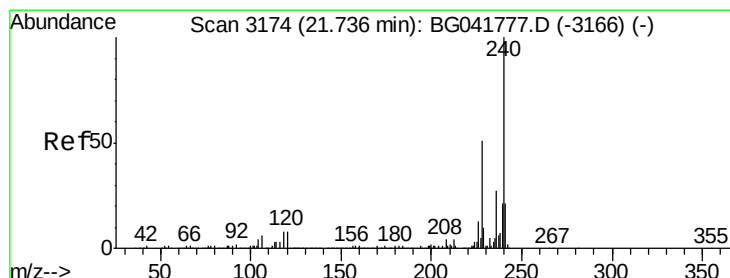
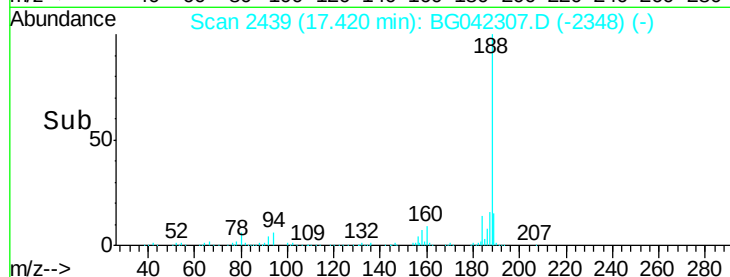
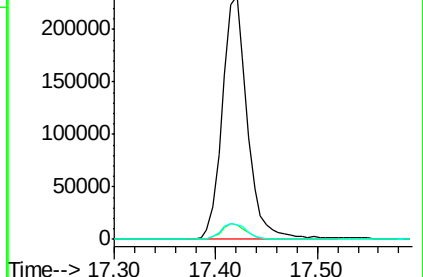
80 6.2 8.0 12.0#



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: BG042307.D

Acq: 18 Aug 2019 4:17

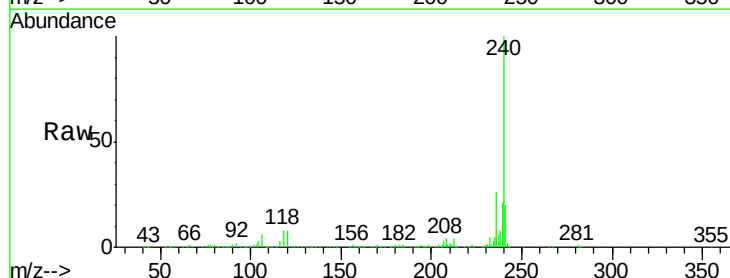
Tgt Ion:240 Resp: 463866

Ion Ratio Lower Upper

240 100

120 7.6 8.0 12.0#

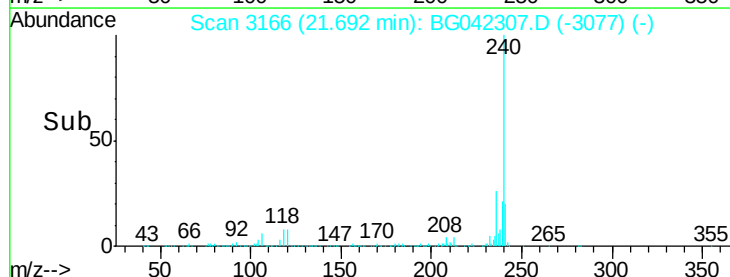
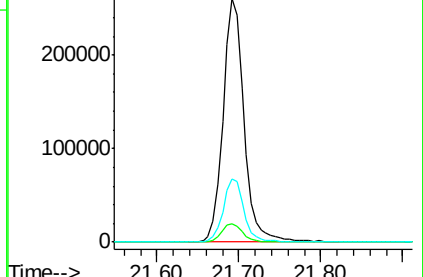
236 26.1 22.6 33.8

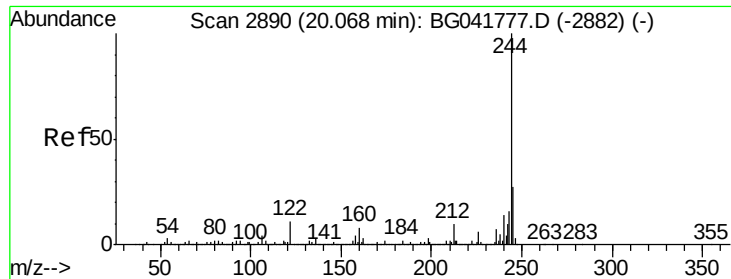


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.472 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042307.D

Acq: 18 Aug 2019 4:17

Instrument :

BNA_G

ClientSampleId :

R1-R2(A1-A4)-(4.3)

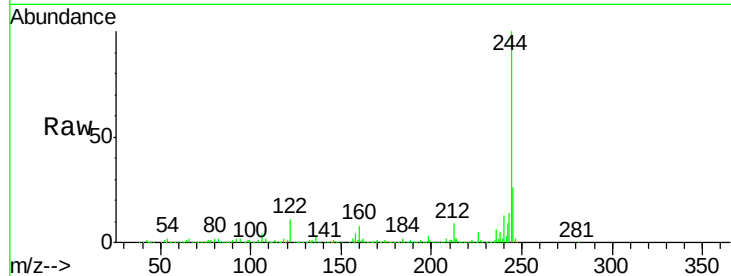
Tot Ion:244 Resp: 2117819

Ion Ratio Lower Upper

244 100

212 8.8 9.7 14.5#

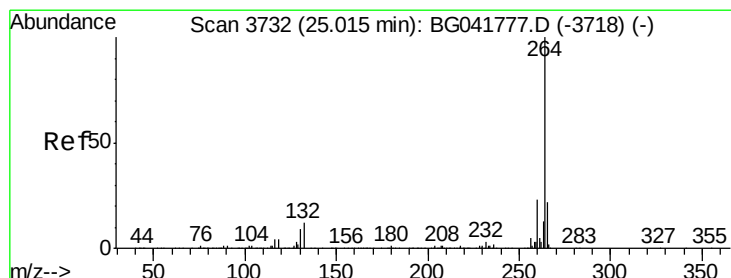
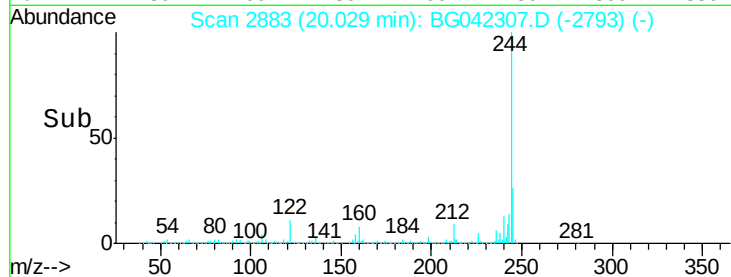
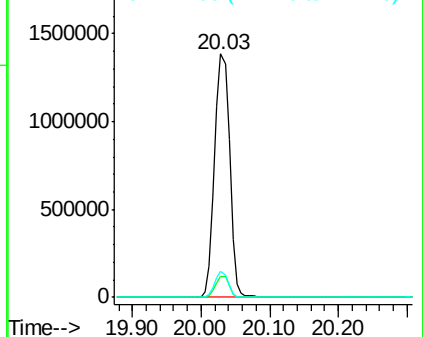
122 10.7 12.5 18.7#



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# 3719

Delta R.T. -0.00 min

Lab File: BG042307.D

Acq: 18 Aug 2019 4:17

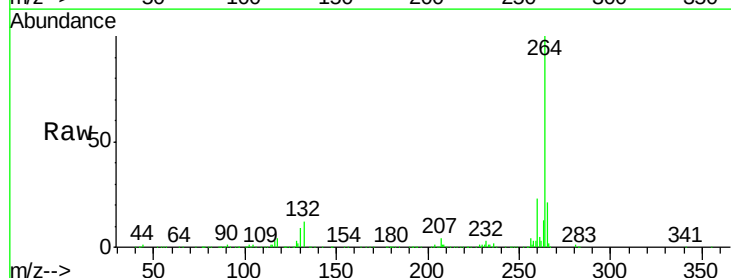
Tgt Ion:264 Resp: 527666

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.0 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

