

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042297.D
 Acq On : 17 Aug 2019 19:18
 Operator : HP/JU
 Sample : K4228-32
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2S-I1-I4-COMP-(0-1)

Quant Time: Aug 19 07:44:40 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	65923	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	240790	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	172352	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	431135	20.00	ng	0.00
76) Chrysene-d12	21.69	240	509918	20.00	ng	0.00
87) Perylene-d12	24.94	264	579238	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	397838	117.42	ng	0.00
7) Phenol-d6	7.17	99	479704	105.02	ng	0.00
23) Nitrobenzene-d5	9.18	82	336938	96.29	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	341435	174.41	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1007794	103.13	ng	0.00
79) Terphenyl-d14	20.03	244	2028161	91.01	ng	0.00

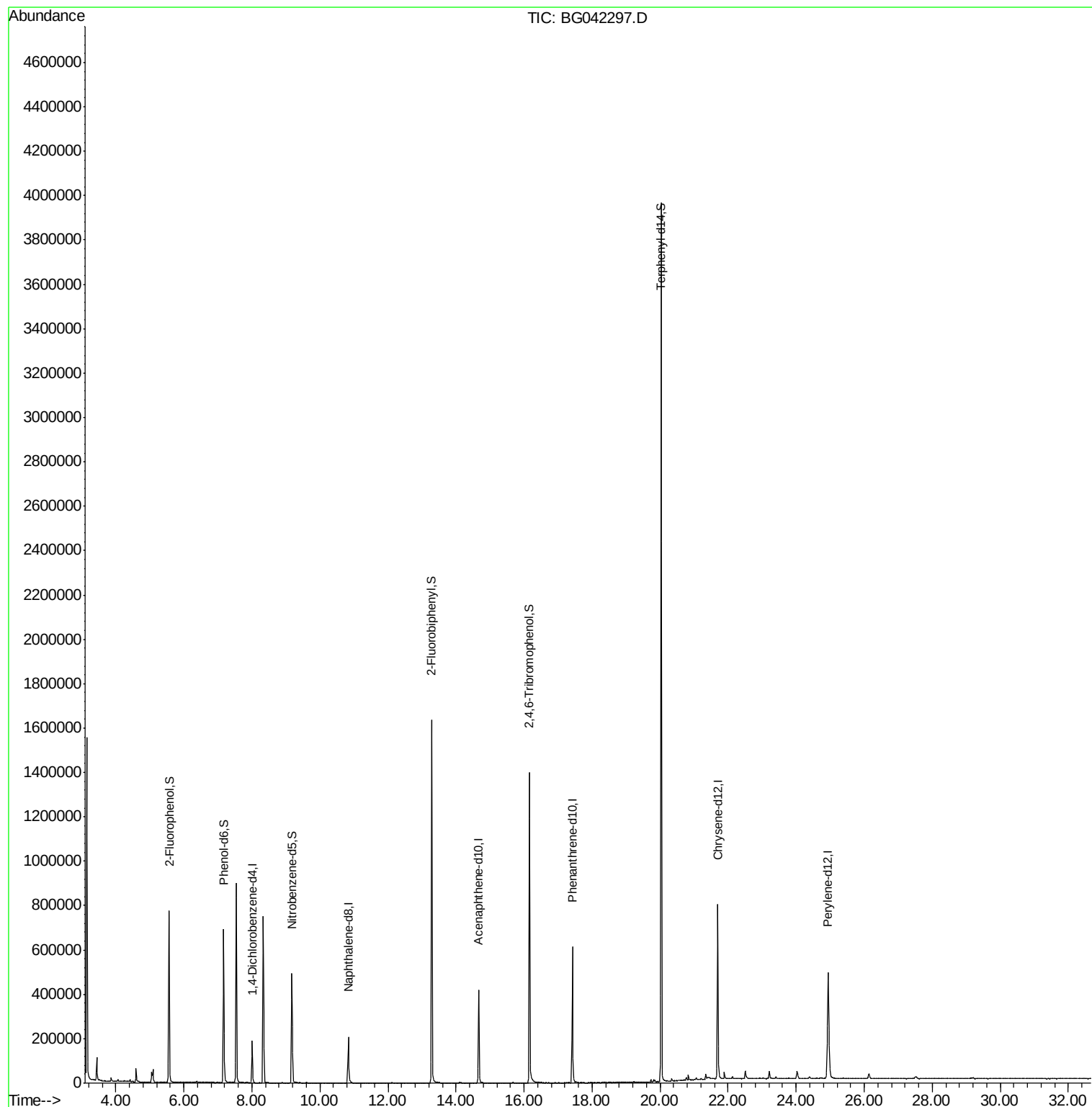
Target Compounds Qvalue

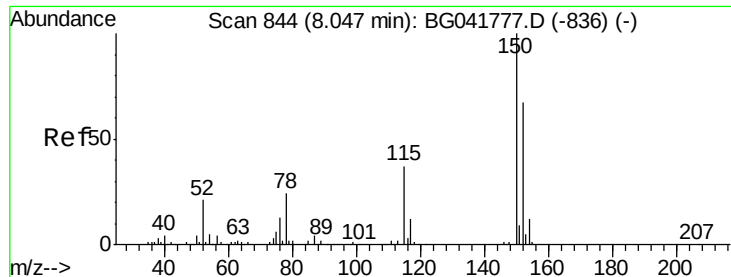
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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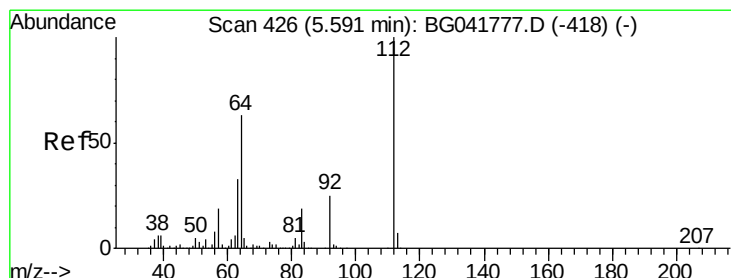
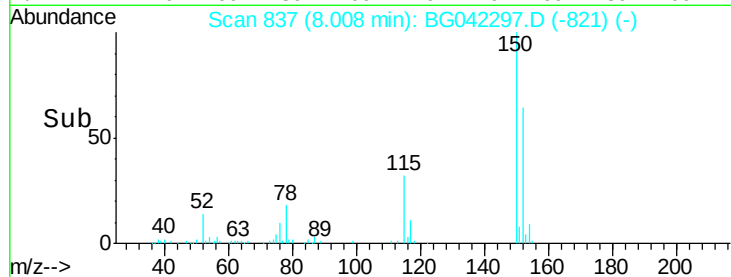
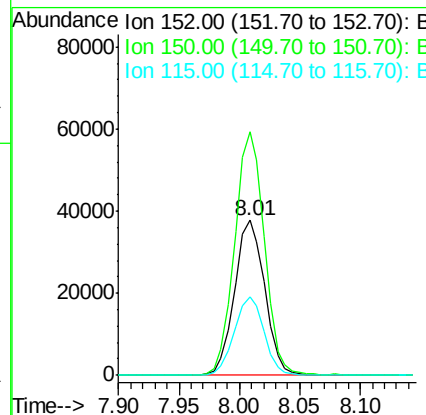
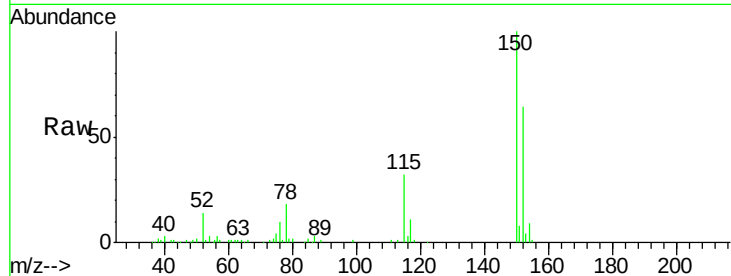


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042297.D
Acq: 17 Aug 2019 19:18

Instrument :
BNA_G
ClientSampleId :
2S-I1-I4-COMP-(0-1)

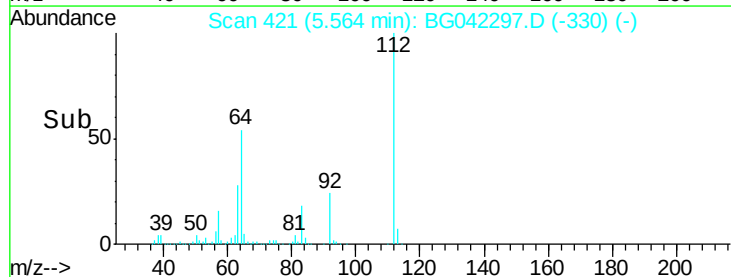
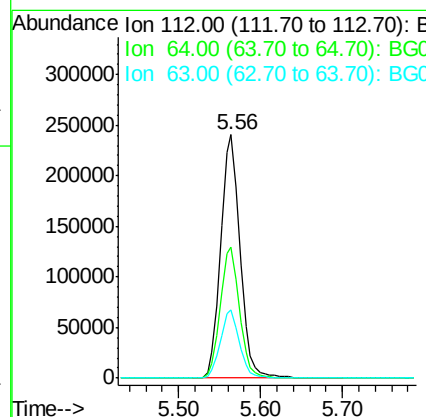
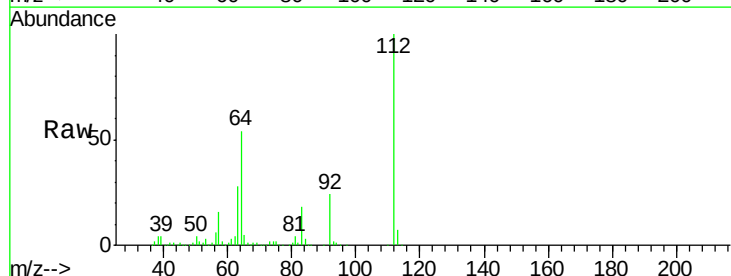
Tot Ion	152	Resp	65923
Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.9	190.3
115	50.8	45.0	67.6

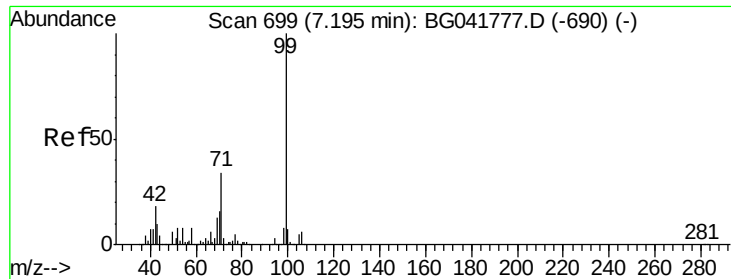


#5

2-Fluorophenol
Concen: 117.416 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042297.D
Acq: 17 Aug 2019 19:18

Tgt Ion	112	Resp	397838
Ion	Ratio	Lower	Upper
112	100		
64	54.0	55.4	83.2#
63	28.0	29.1	43.7#





#7

Phenol-d6

Concen: 105.015 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG042297.D

Acq: 17 Aug 2019 19:18

Instrument :

BNA_G

ClientSampleId :

2S-I1-I4-COMP-(0-1)

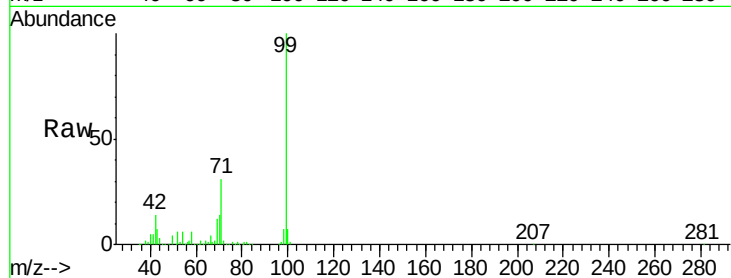
Tot Ion: 99 Resp: 479704

Ion Ratio Lower Upper

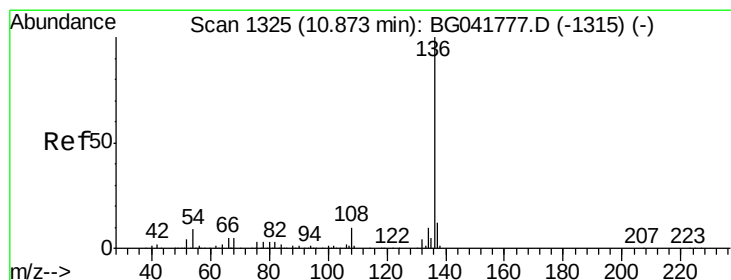
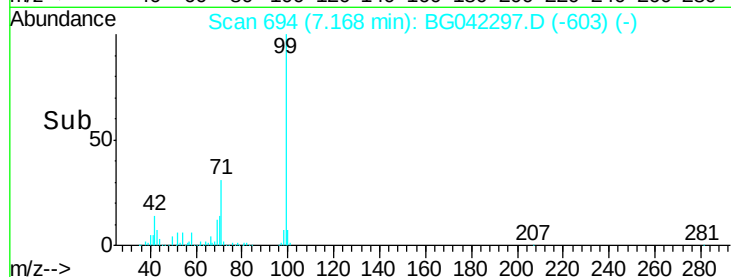
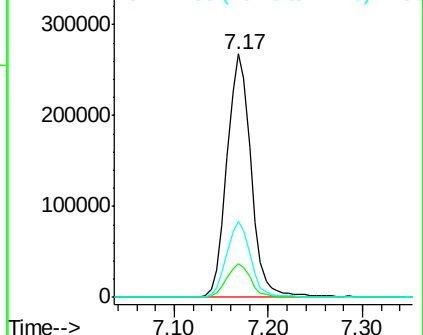
99 100

42 14.0 17.6 26.4#

71 31.2 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: BG042297.D

Acq: 17 Aug 2019 19:18

Tgt Ion: 136 Resp: 240790

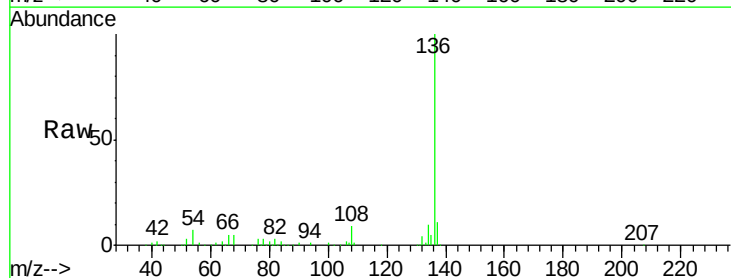
Ion Ratio Lower Upper

136 100

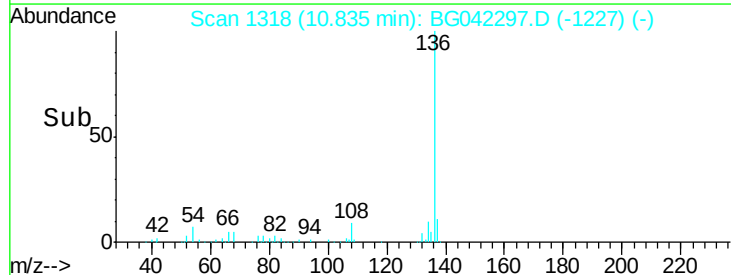
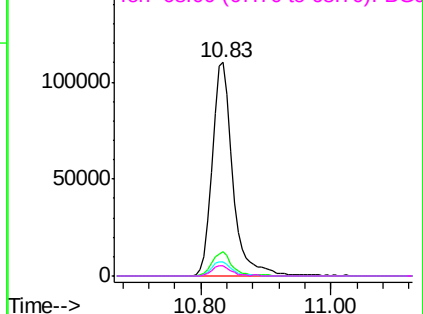
137 11.3 9.2 13.8

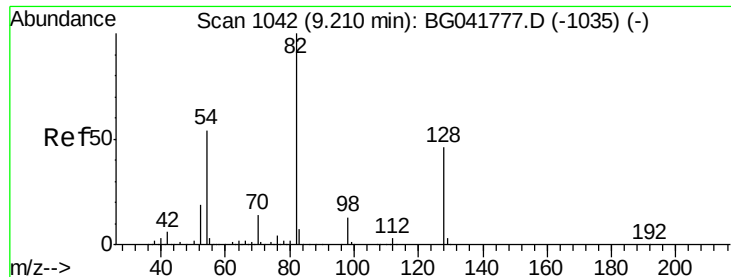
54 6.8 8.7 13.1#

68 4.6 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

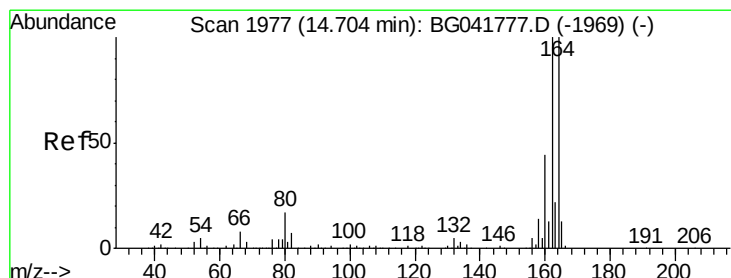
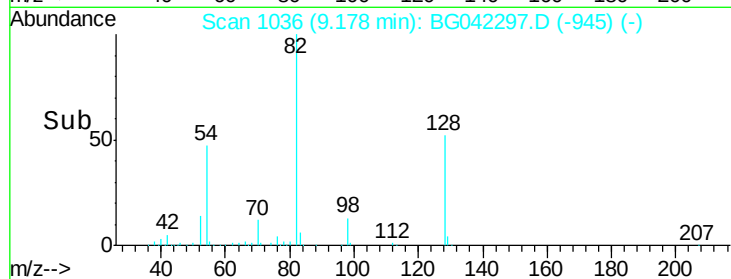
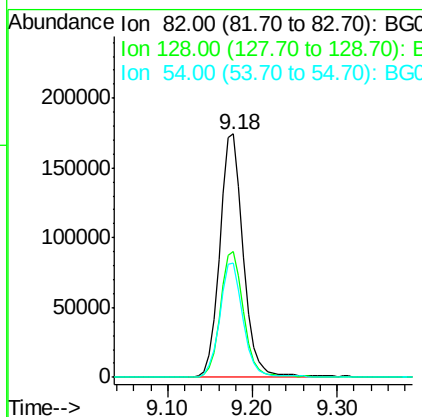
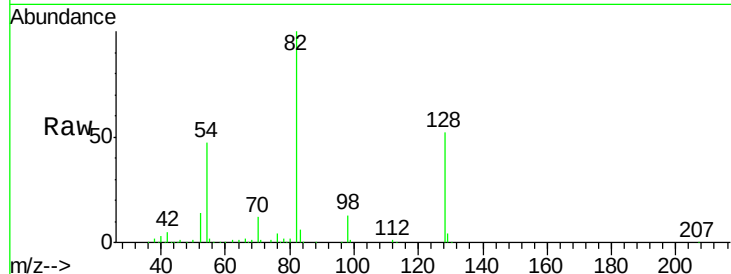




#23
 Nitrobenzene-d5
 Concen: 96.295 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG042297.D
 Acq: 17 Aug 2019 19:18

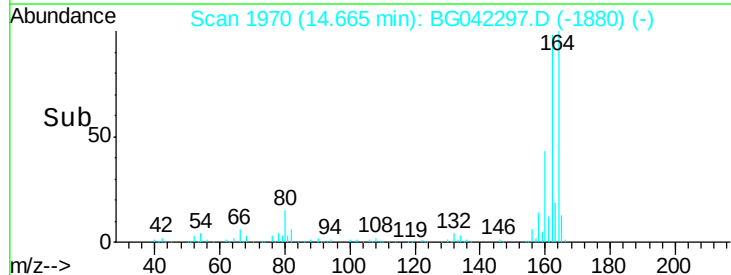
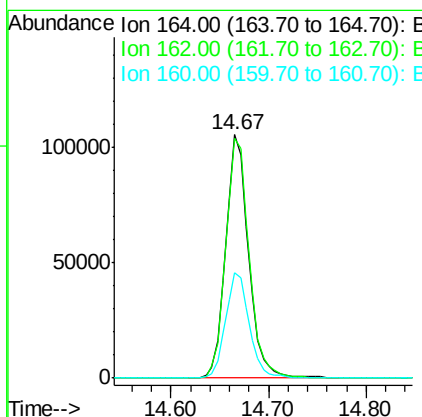
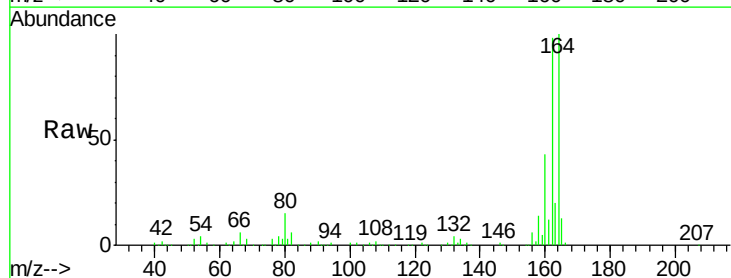
Instrument :
 BNA_G
 ClientSampleId :
 2S-I1-I4-COMP-(0-1)

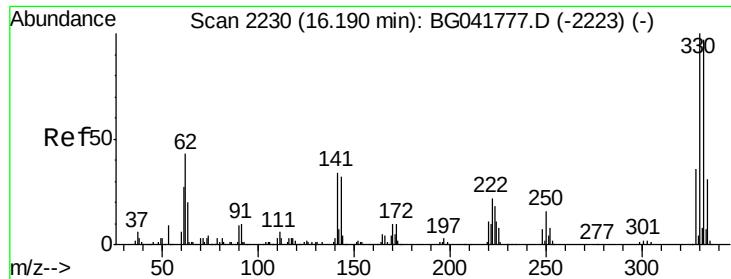
Tot Ion: 82 Resp: 336938
 Ion Ratio Lower Upper
 82 100
 128 51.6 35.1 52.7
 54 46.7 48.7 73.1#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: BG042297.D
 Acq: 17 Aug 2019 19:18

Tgt Ion: 164 Resp: 172352
 Ion Ratio Lower Upper
 164 100
 162 98.2 79.6 119.4
 160 43.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 174.408 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BG042297.D

Acq: 17 Aug 2019 19:18

Instrument :

BNA_G

ClientSampleId :

2S-I1-I4-COMP-(0-1)

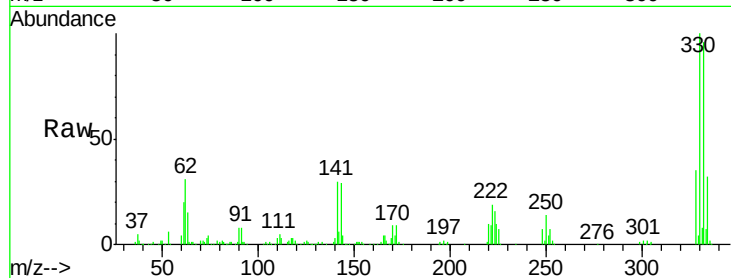
Tot Ion:330 Resp: 341435

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.0

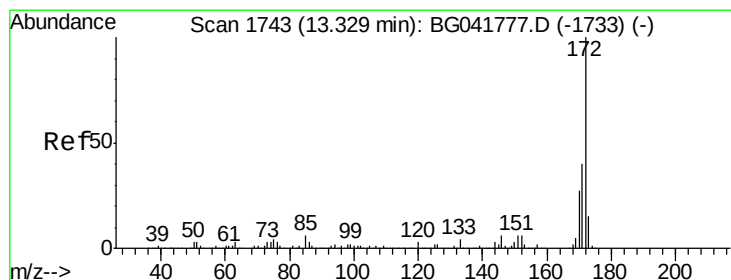
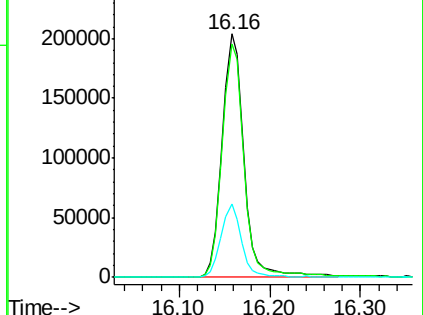
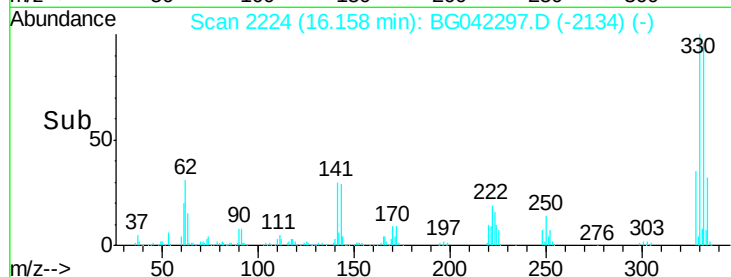
141 28.4 31.9 47.9#



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: 103.130 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG042297.D

Acq: 17 Aug 2019 19:18

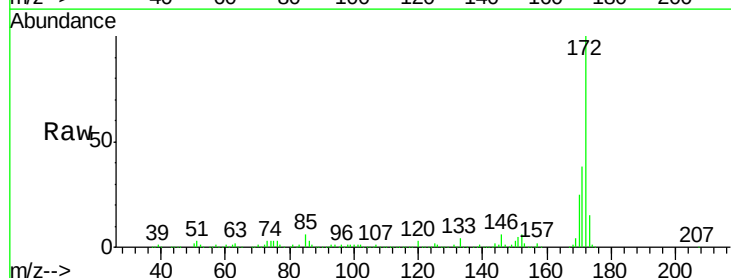
Tgt Ion:172 Resp: 1007794

Ion Ratio Lower Upper

172 100

171 38.5 35.0 52.4

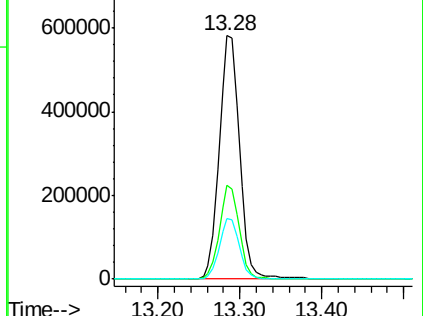
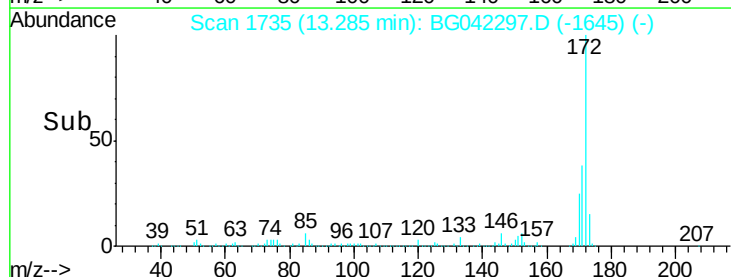
170 25.0 23.5 35.3

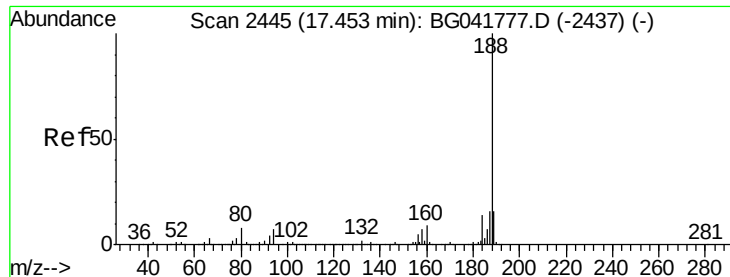


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

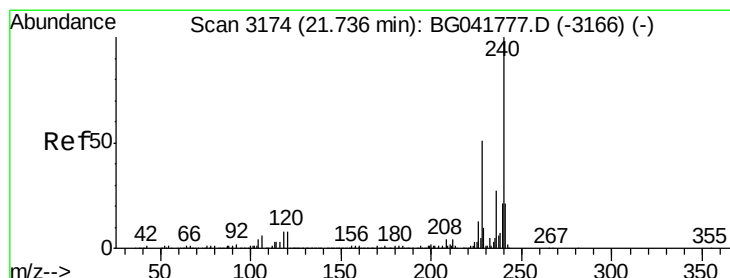
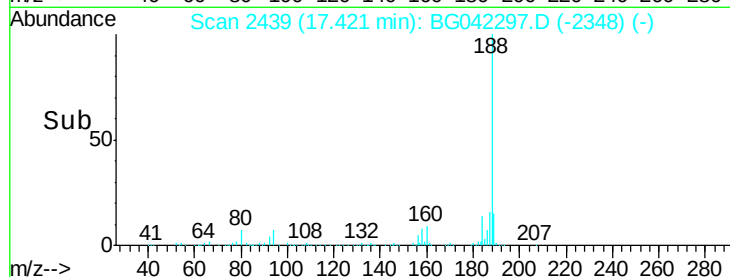
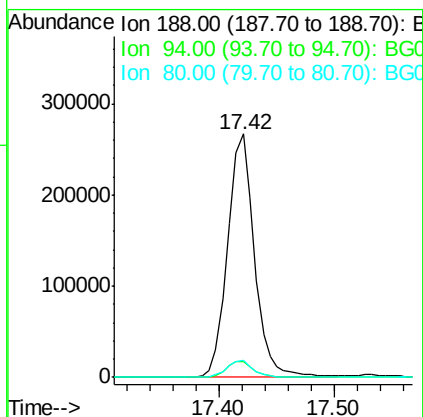
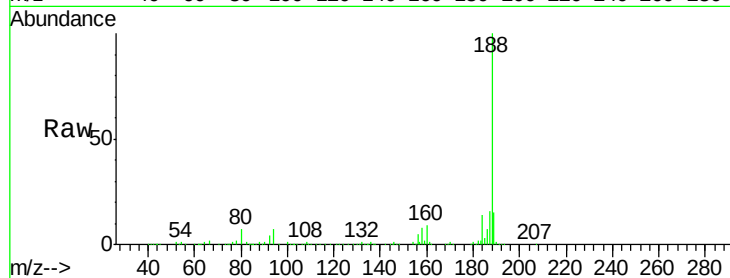




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG042297.D
Acq: 17 Aug 2019 19:18

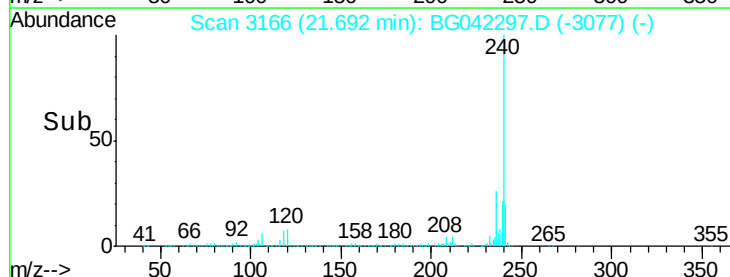
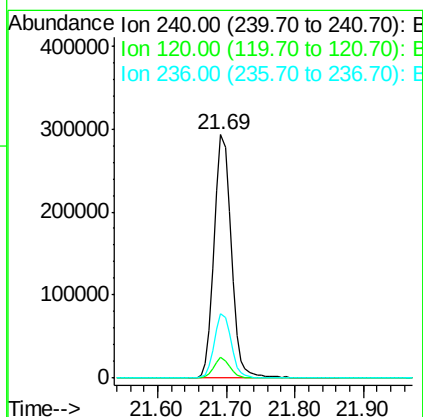
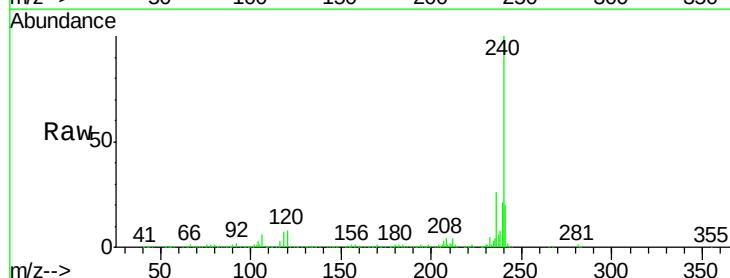
Instrument :
BNA_G
ClientSampleId :
2S-I1-I4-COMP-(0-1)

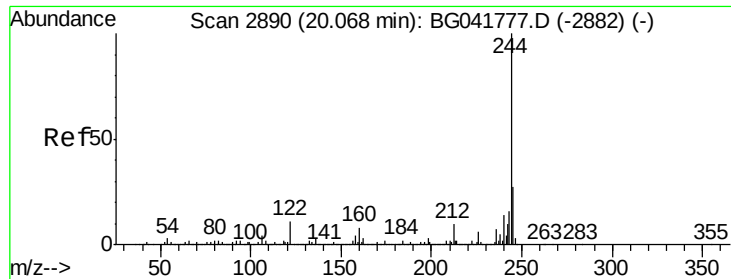
Tot Ion:188 Resp: 431135
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 6.8 8.0 12.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042297.D
Acq: 17 Aug 2019 19:18

Tgt Ion:240 Resp: 509918
Ion Ratio Lower Upper
240 100
120 8.4 8.0 12.0
236 26.4 22.6 33.8





#79

Terphenyl-d14

Concen: 91.014 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042297.D

Acq: 17 Aug 2019 19:18

Instrument :

BNA_G

ClientSampleId :

2S-I1-I4-COMP-(0-1)

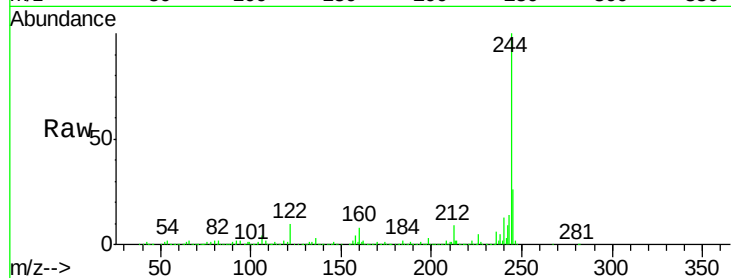
Tot Ion:244 Resp: 2028161

Ion Ratio Lower Upper

244 100

212 8.8 9.7 14.5#

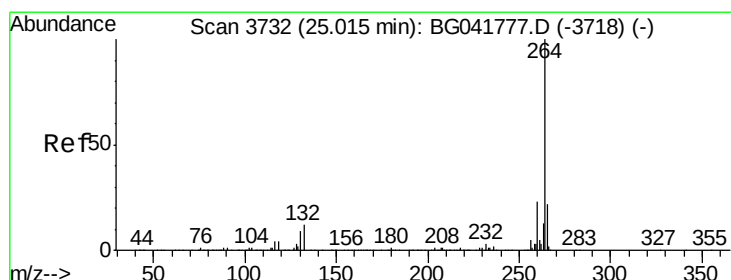
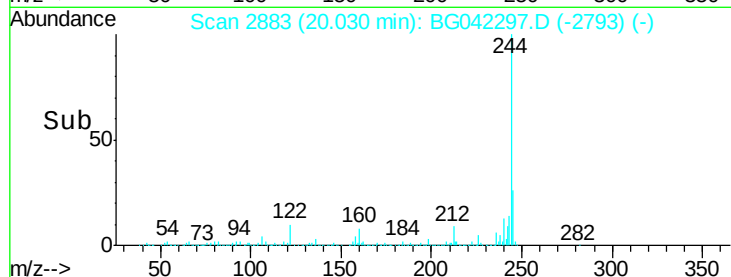
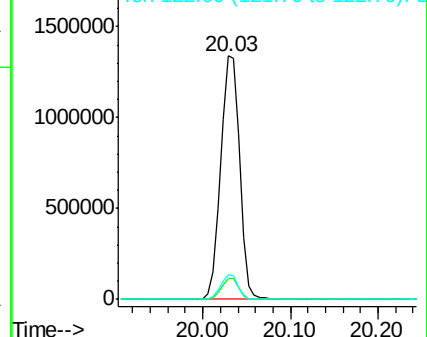
122 10.3 12.5 18.7#



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: BG042297.D

Acq: 17 Aug 2019 19:18

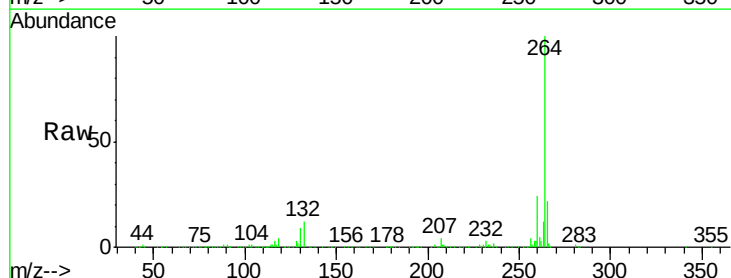
Tgt Ion:264 Resp: 579238

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 22.4 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

