

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
 Data File : BG040049.D
 Acq On : 20 Mar 2019 23:45
 Operator : JU/SJ
 Sample : K1984-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-12(14-15)

Quant Time: Mar 21 11:43:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

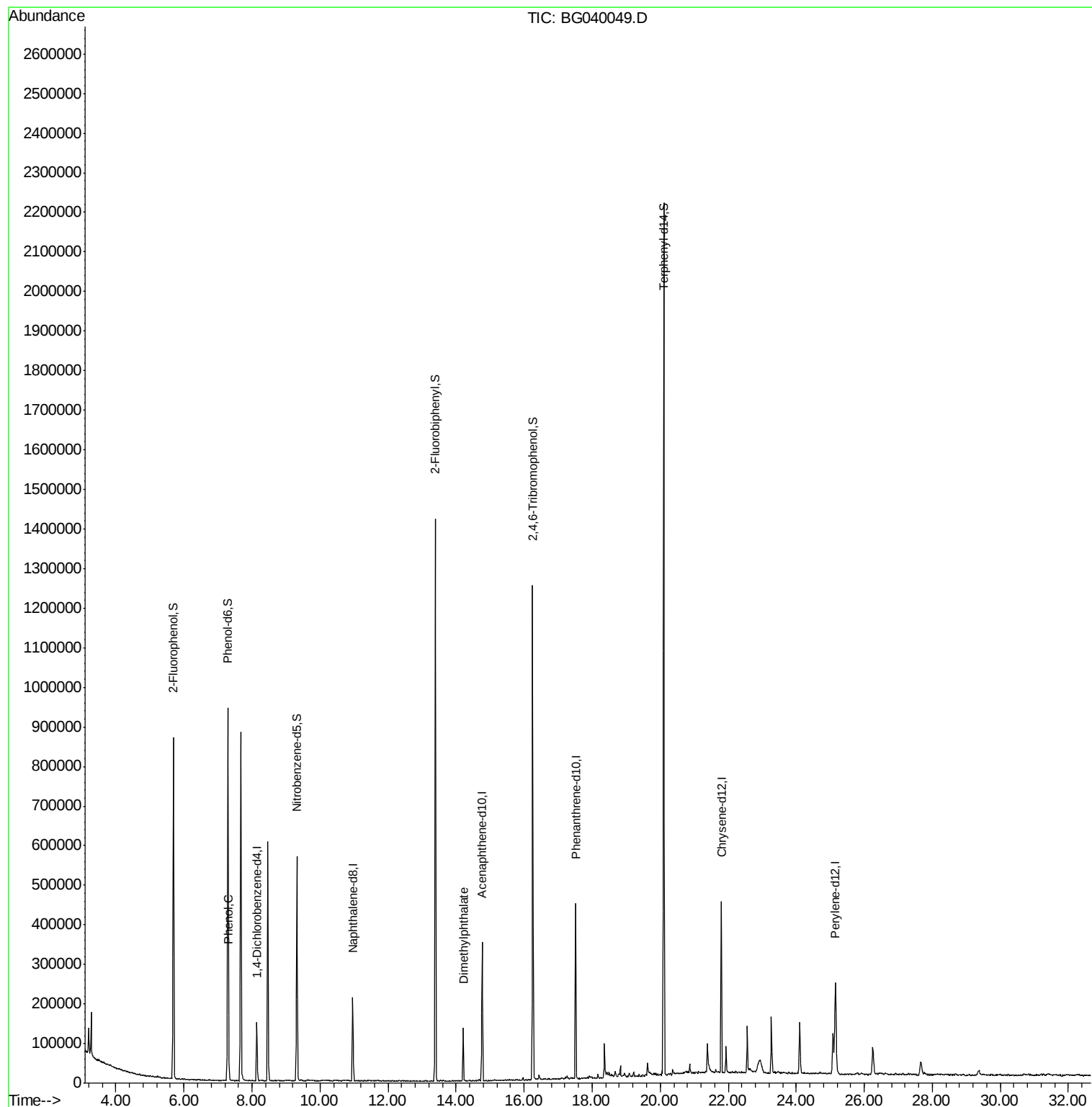
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	40763	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	177254	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	121292	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	278554	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	264914	20.00	ng	-0.03
87) Perylene-d12	25.16	264	271001	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	356541	149.22	ng	-0.02
7) Phenol-d6	7.29	99	541575	152.01	ng	-0.02
23) Nitrobenzene-d5	9.32	82	335462	102.36	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	221396	156.60	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	742864	87.20	ng	-0.02
79) Terphenyl-d14	20.11	244	984971	81.86	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	15597	4.041	ng	Qvalue 84
50) Dimethylphthalate	14.21	163	86182	8.497	ng	97

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

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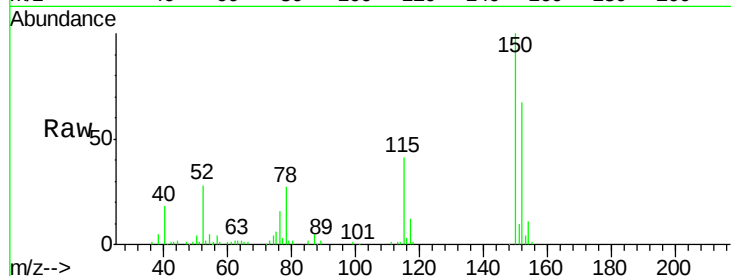


#1

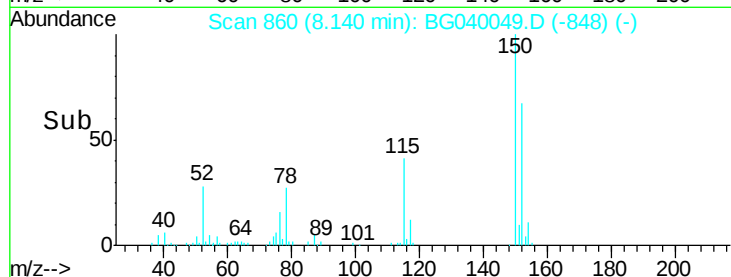
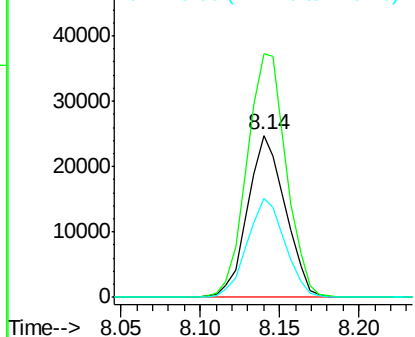
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040049.D
Acq: 20 Mar 2019 23:45

Instrument :
BNA_G
ClientSampleId :
SB-12(14-15)

Tgt Ion:152 Resp: 40763
Ion Ratio Lower Upper
152 100
150 150.1 123.7 185.5
115 61.4 45.9 68.9



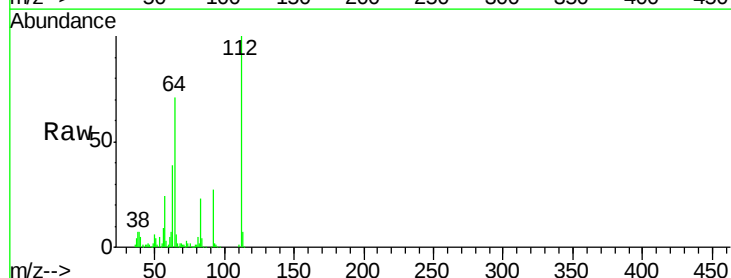
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



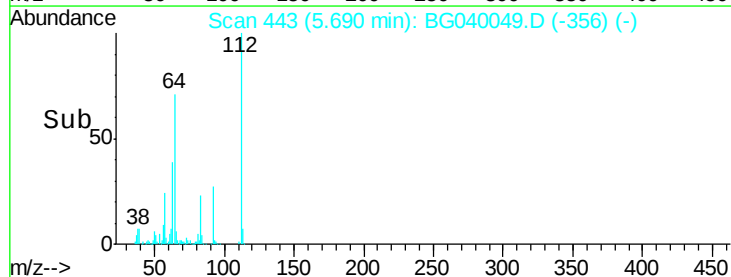
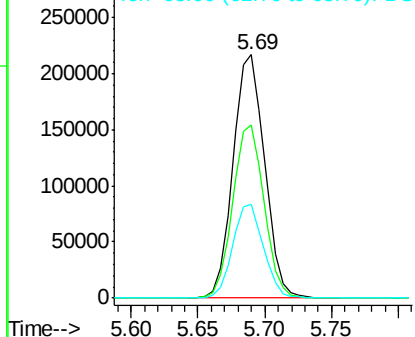
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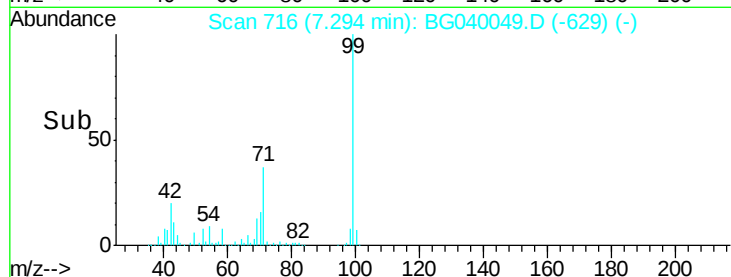
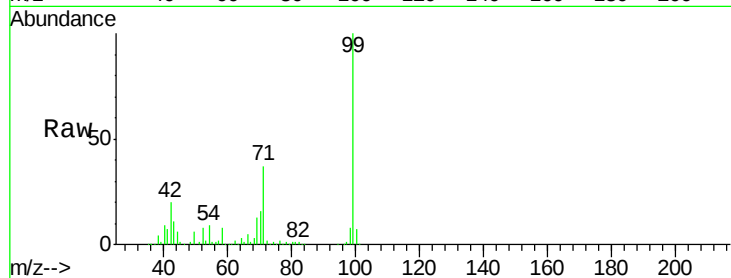
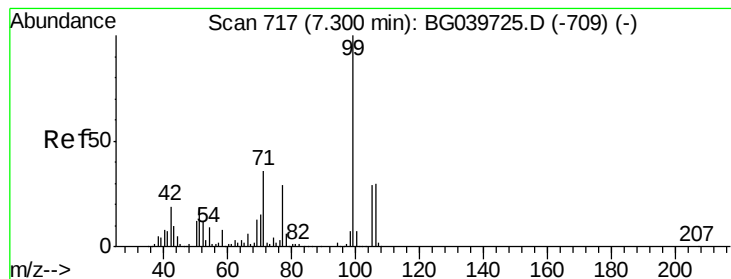
2-Fluorophenol
Concen: 149.219 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040049.D
Acq: 20 Mar 2019 23:45

Tgt Ion:112 Resp: 356541
Ion Ratio Lower Upper
112 100
64 70.9 57.8 86.8
63 38.8 29.8 44.6



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: 152.012 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040049.D

Acq: 20 Mar 2019 23:45

Instrument :

BNA_G

ClientSampleId :

SB-12(14-15)

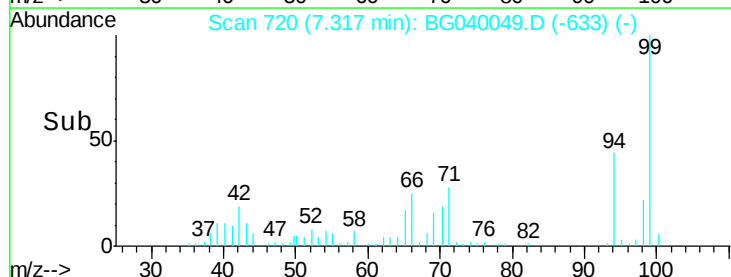
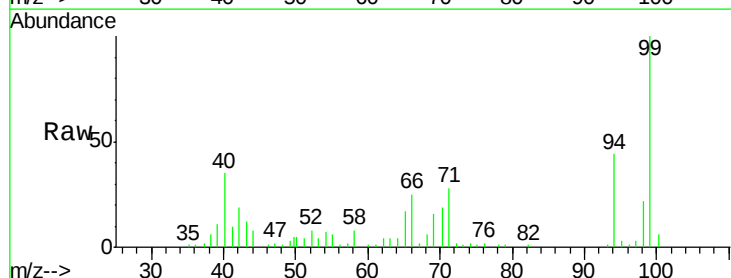
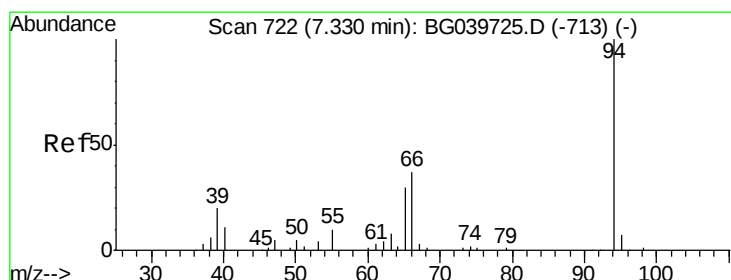
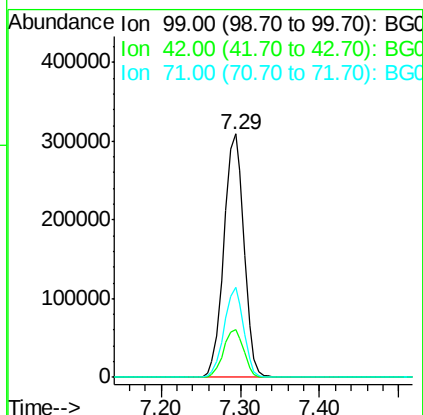
Tgt Ion: 99 Resp: 541575

Ion Ratio Lower Upper

99 100

42 19.8 18.2 27.2

71 37.0 28.0 42.0



#10

Phenol

Concen: 4.041 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040049.D

Acq: 20 Mar 2019 23:45

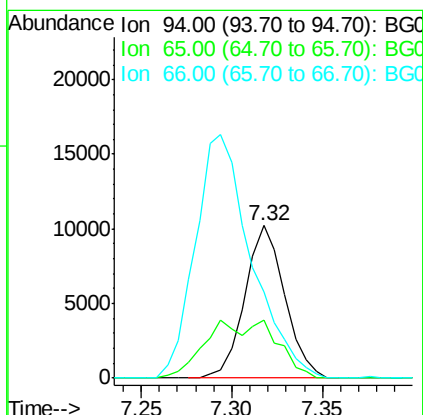
Tgt Ion: 94 Resp: 15597

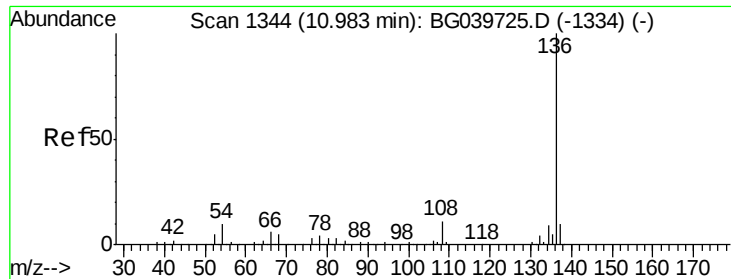
Ion Ratio Lower Upper

94 100

65 38.2 11.7 51.7

66 56.3 23.7 63.7

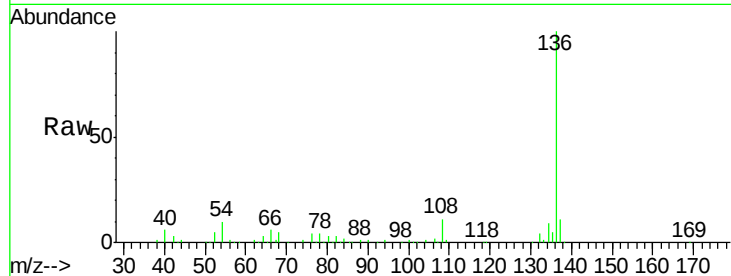




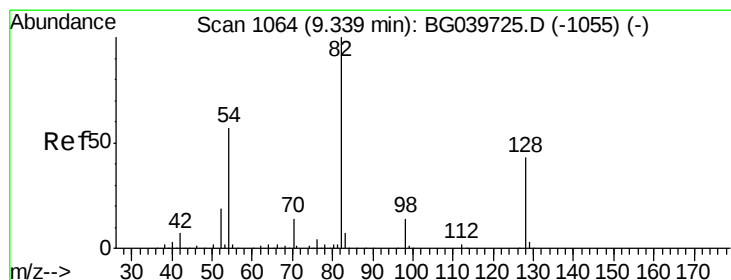
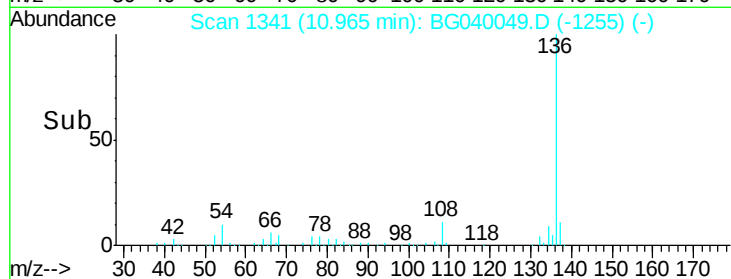
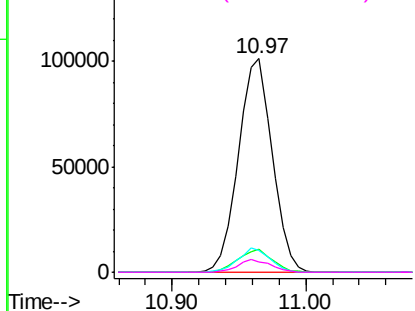
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040049.D
Acq: 20 Mar 2019 23:45

Instrument :
BNA_G
ClientSampleId :
SB-12(14-15)

Tgt Ion:	136	Resp:	177254
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	10.1	9.4	14.2
68	5.1	4.2	6.4

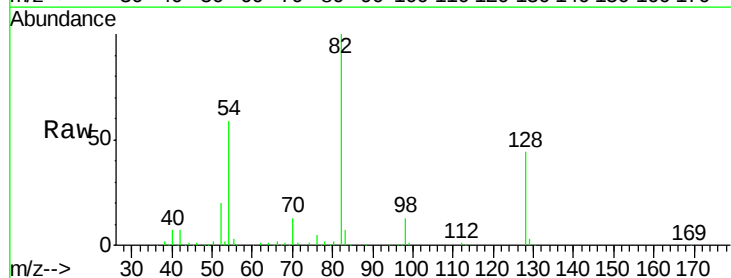


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

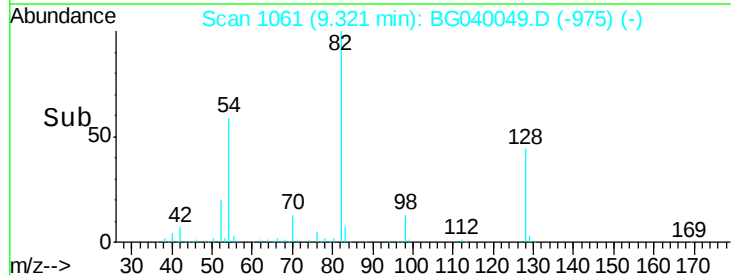
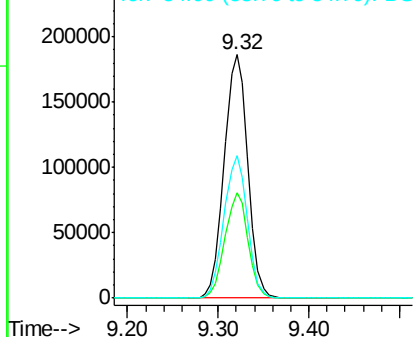


#23
Nitrobenzene-d5
Concen: 102.357 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040049.D
Acq: 20 Mar 2019 23:45

Tgt Ion:	82	Resp:	335462
Ion	Ratio	Lower	Upper
82	100		
128	43.5	31.3	46.9
54	58.7	50.9	76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040049.D

Acq: 20 Mar 2019 23:45

Instrument :

BNA_G

ClientSampleId :

SB-12(14-15)

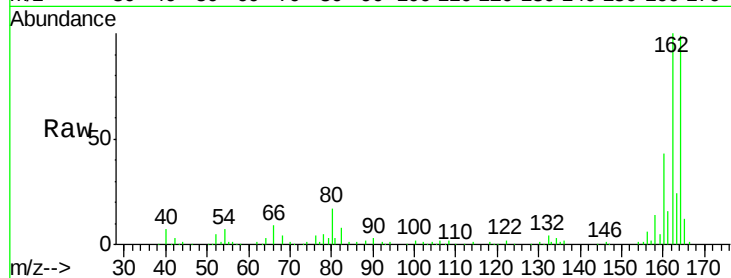
Tgt Ion:164 Resp: 121292

Ion Ratio Lower Upper

164 100

162 100.6 81.6 122.4

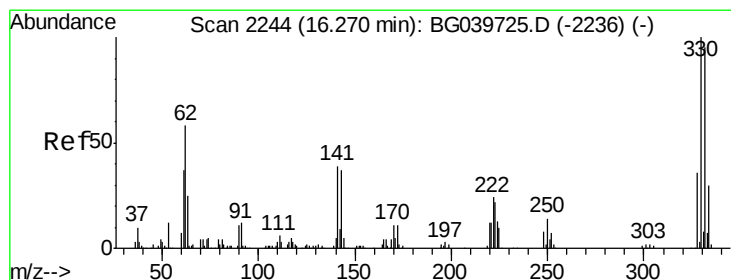
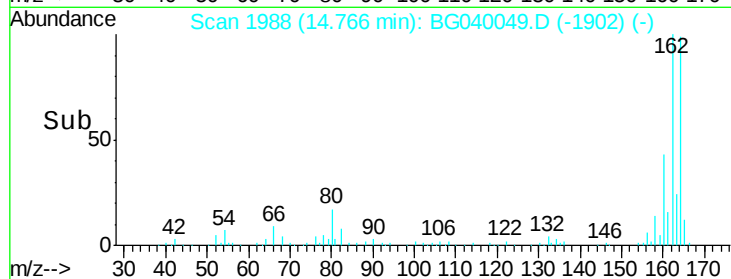
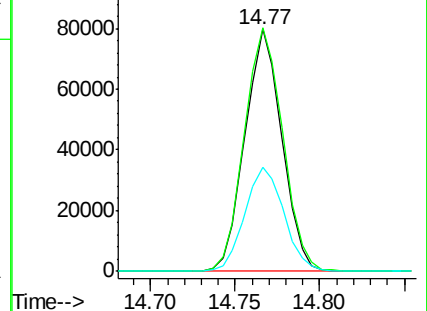
160 43.1 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 156.602 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040049.D

Acq: 20 Mar 2019 23:45

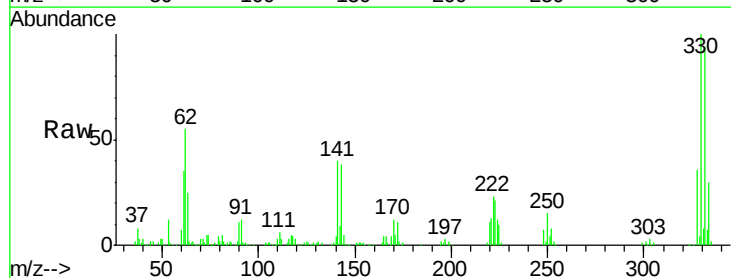
Tgt Ion:330 Resp: 221396

Ion Ratio Lower Upper

330 100

332 95.8 75.7 113.5

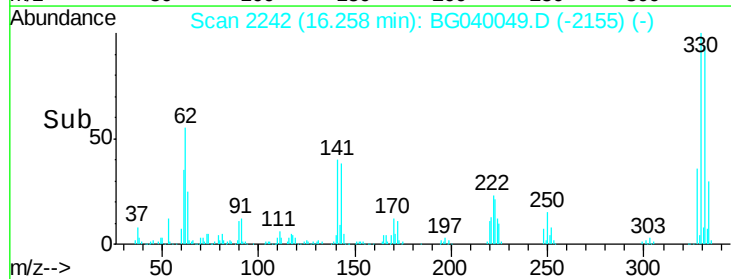
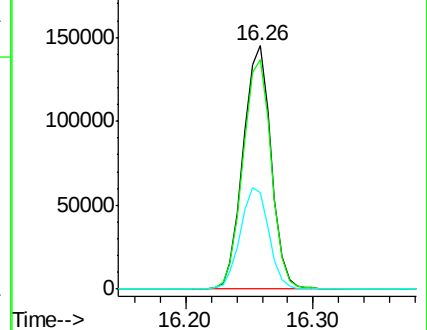
141 42.4 35.6 53.4



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

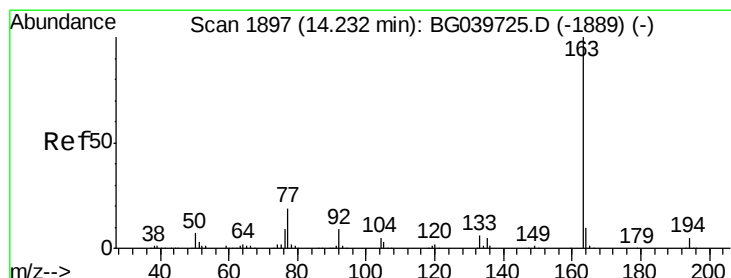
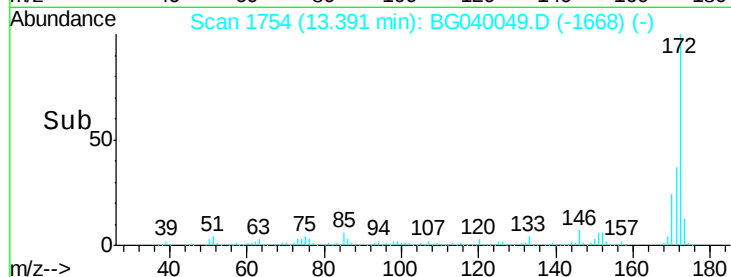
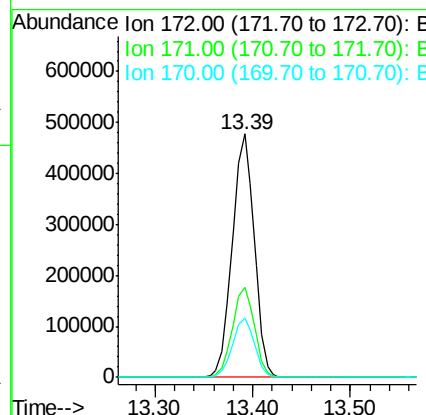
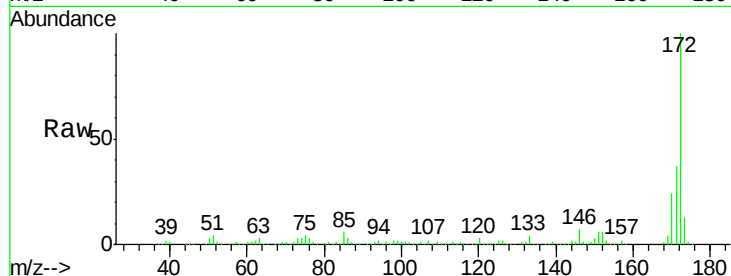




#45
 2-Fluorobiphenyl
 Concen: 87.204 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040049.D
 Acq: 20 Mar 2019 23:45

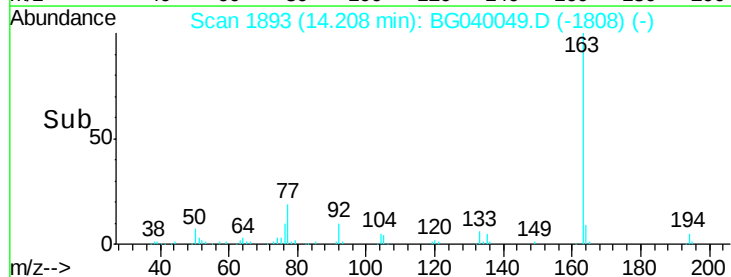
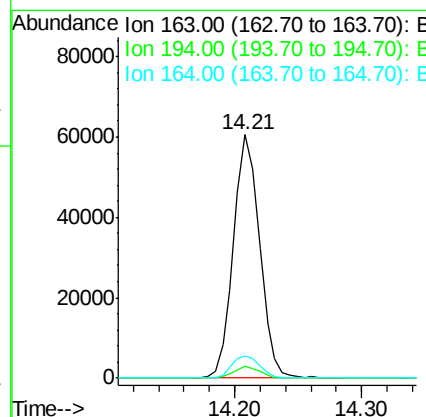
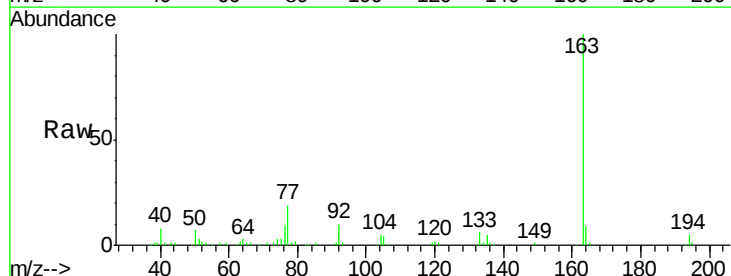
Instrument :
 BNA_G
 ClientSampleId :
 SB-12(14-15)

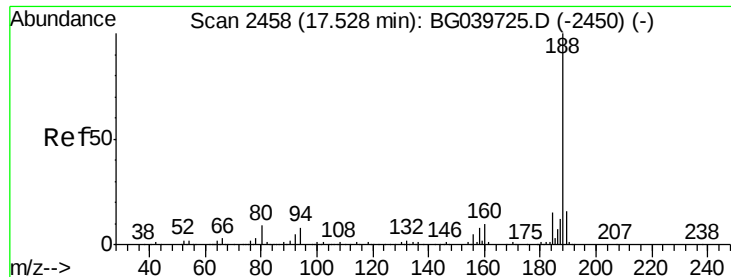
Tgt Ion:172 Resp: 742864
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.8 46.2
 170 24.1 20.2 30.4



#50
 Dimethylphthalate
 Concen: 8.497 ng
 RT: 14.21 min Scan# 1893
 Delta R.T. -0.03 min
 Lab File: BG040049.D
 Acq: 20 Mar 2019 23:45

Tgt Ion:163 Resp: 86182
 Ion Ratio Lower Upper
 163 100
 194 5.0 3.6 5.4
 164 8.9 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040049.D

Acq: 20 Mar 2019 23:45

Instrument :

BNA_G

ClientSampleId :

SB-12(14-15)

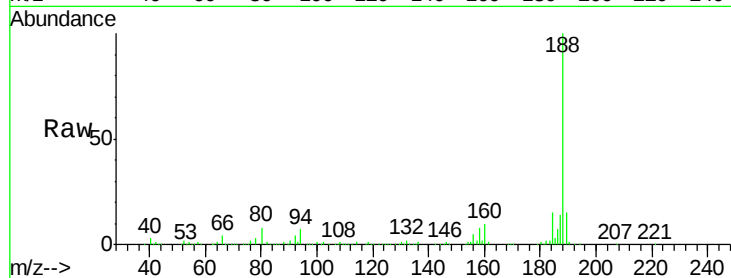
Tgt Ion:188 Resp: 278554

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

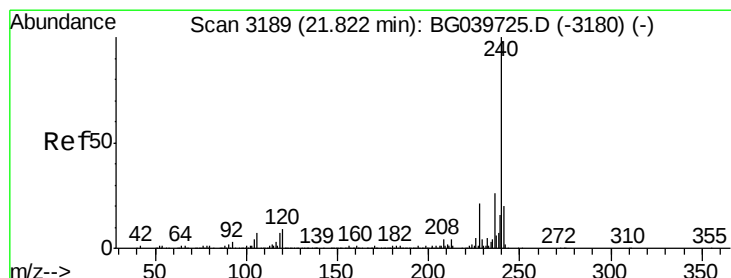
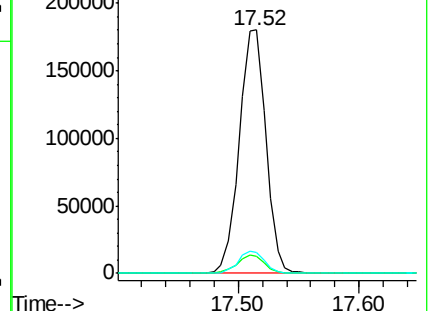
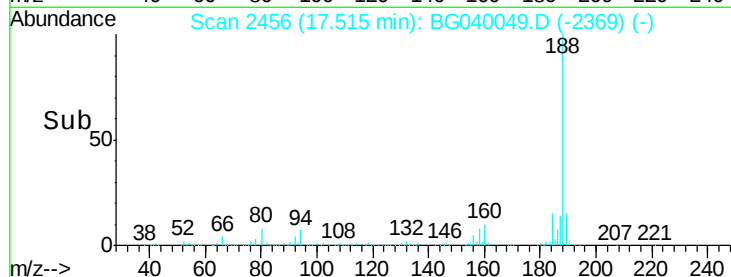
80 8.3 8.1 12.1



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: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040049.D

Acq: 20 Mar 2019 23:45

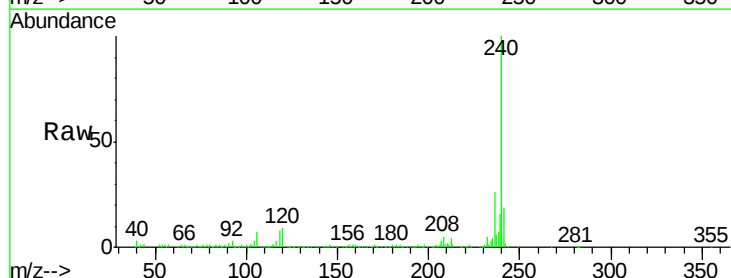
Tgt Ion:240 Resp: 264914

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

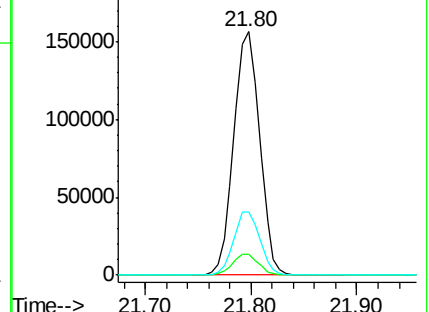
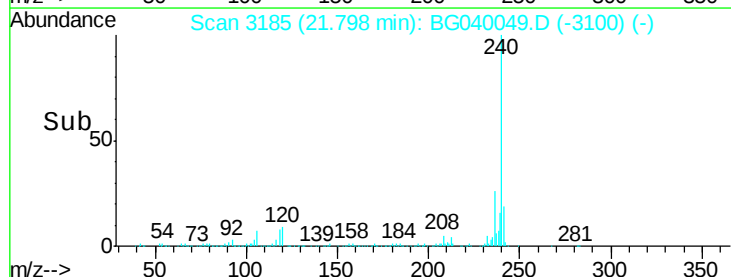
236 25.7 21.0 31.4

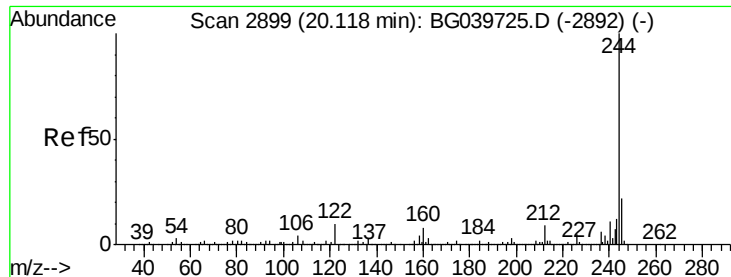


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.865 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040049.D

Acq: 20 Mar 2019 23:45

Instrument :

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ClientSampleId :

SB-12(14-15)

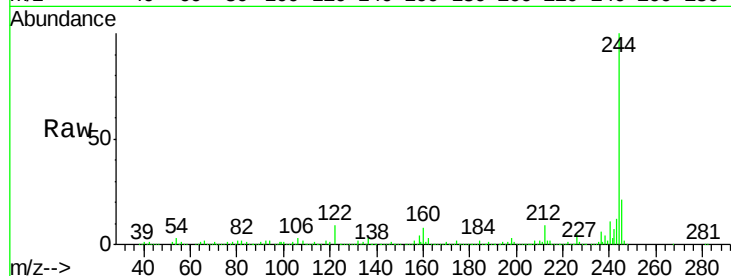
Tgt Ion:244 Resp: 984971

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

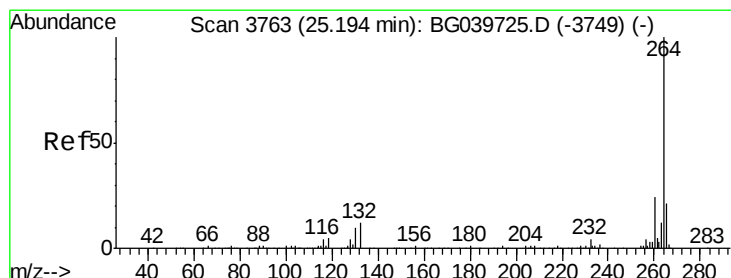
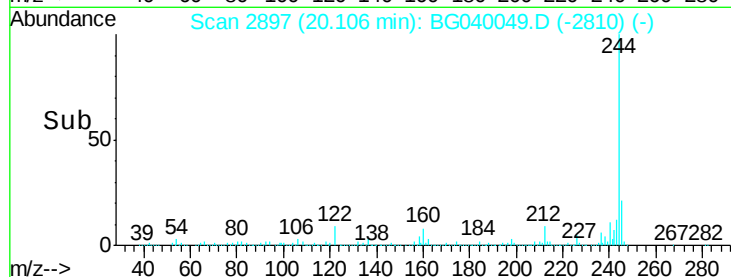
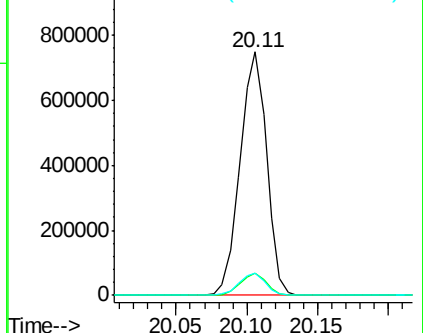
122 9.0 8.4 12.6



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: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040049.D

Acq: 20 Mar 2019 23:45

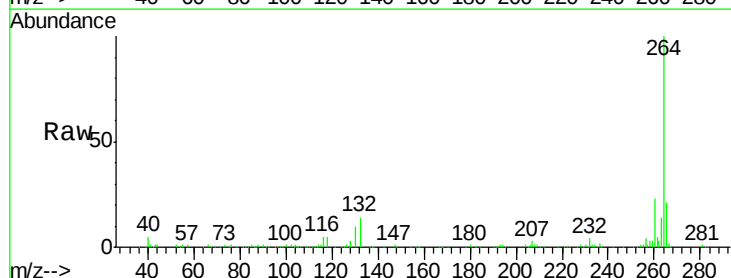
Tgt Ion:264 Resp: 271001

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 21.3 18.5 27.7



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

