

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
 Data File : BG040869.D
 Acq On : 11 May 2019 6:10
 Operator : HP/JU
 Sample : K2749-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FR-COMP

Quant Time: May 11 07:10:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

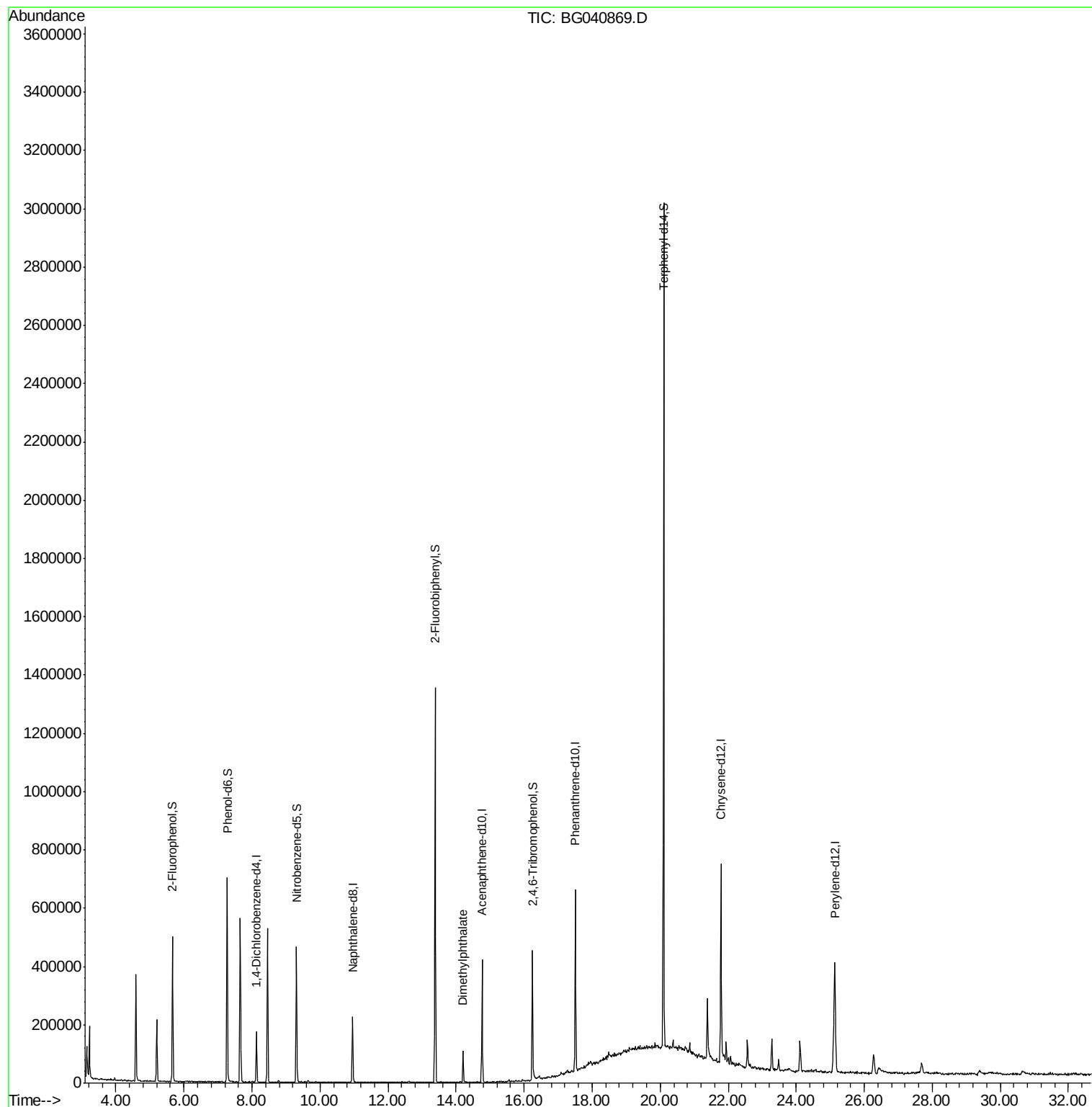
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	44240	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	183634	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	139575	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	383211	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	410871	20.00	ng	-0.04
87) Perylene-d12	25.13	264	442204	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	194517	77.51	ng	-0.02
7) Phenol-d6	7.27	99	369551	95.63	ng	-0.02
23) Nitrobenzene-d5	9.31	82	278825	70.16	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	90096	46.96	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	685373	70.92	ng	-0.03
79) Terphenyl-d14	20.10	244	1372486	74.00	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.20	163	67904	5.815	ng	Qvalue 96

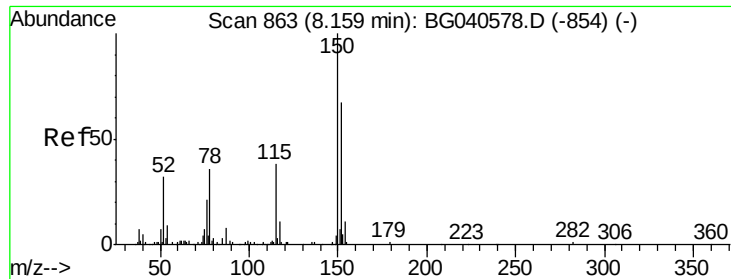
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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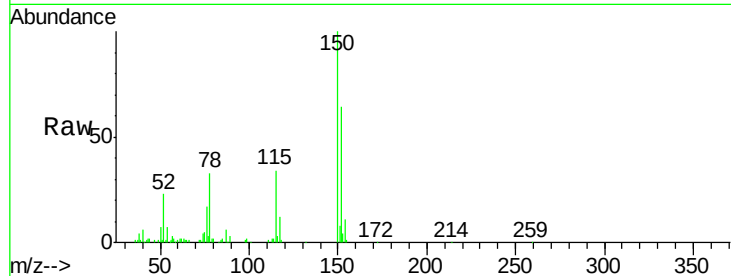


#1

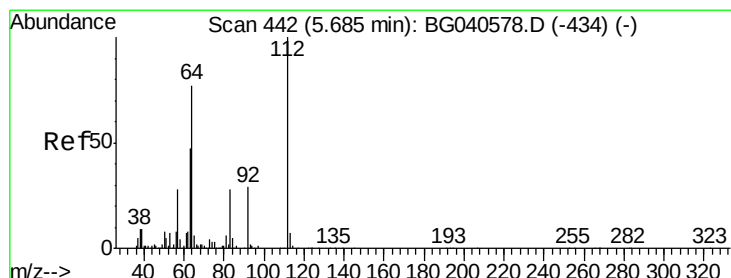
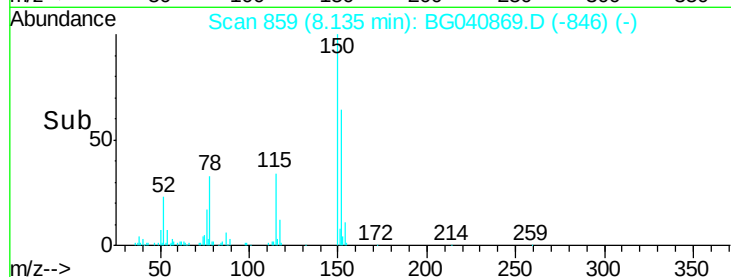
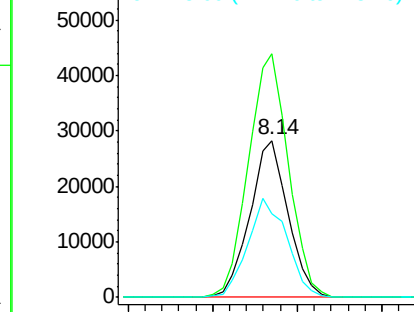
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BG040869.D
Acq: 11 May 2019 6:10

Instrument :
BNA_G
ClientSampleId :
FR-COMP

Tgt Ion:152 Resp: 44240
Ion Ratio Lower Upper
152 100
150 155.5 120.2 180.2
115 53.5 46.2 69.2



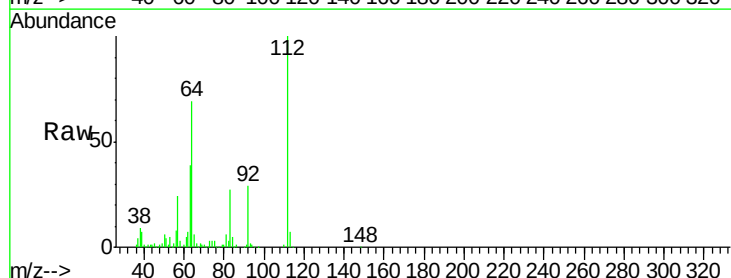
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



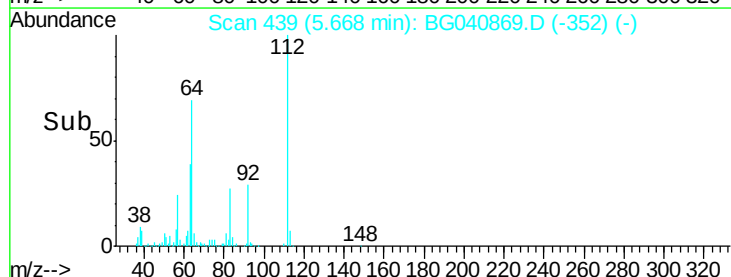
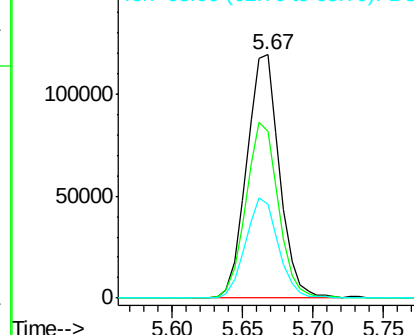
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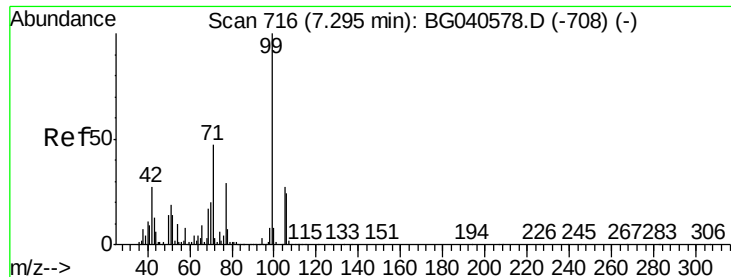
2-Fluorophenol
Concen: 77.506 ng
RT: 5.67 min Scan# 439
Delta R.T. -0.02 min
Lab File: BG040869.D
Acq: 11 May 2019 6:10

Tgt Ion:112 Resp: 194517
Ion Ratio Lower Upper
112 100
64 68.8 61.4 92.0
63 38.7 37.8 56.6



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: 95.634 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040869.D

Acq: 11 May 2019 6:10

Instrument :

BNA_G

ClientSampleId :

FR-COMP

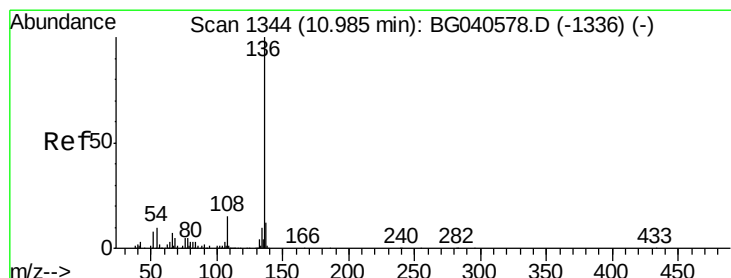
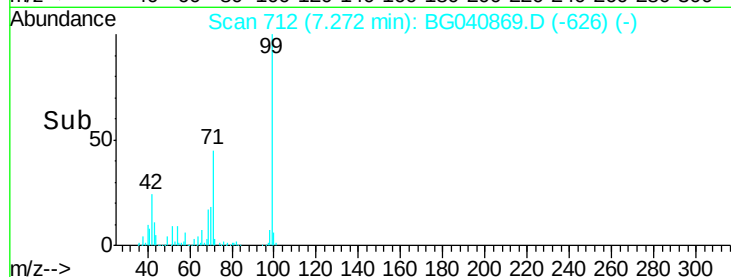
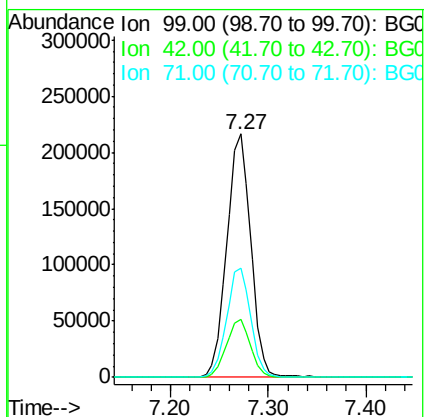
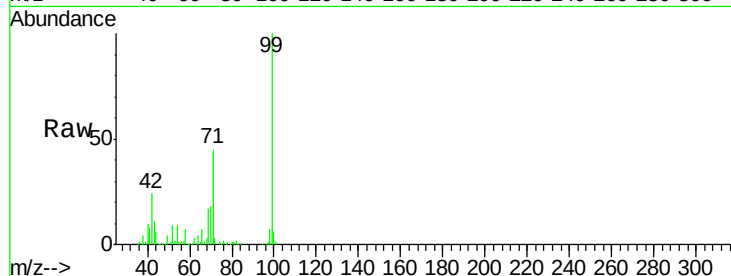
Tgt Ion: 99 Resp: 369551

Ion Ratio Lower Upper

99 100

42 23.6 21.8 32.8

71 44.7 38.6 57.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1339

Delta R.T. -0.03 min

Lab File: BG040869.D

Acq: 11 May 2019 6:10

Tgt Ion: 136 Resp: 183634

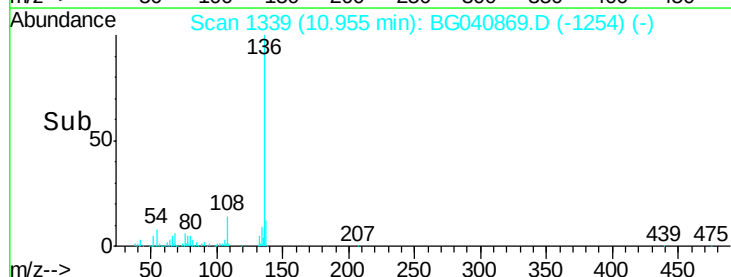
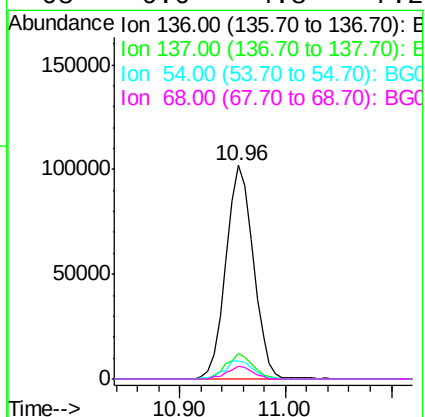
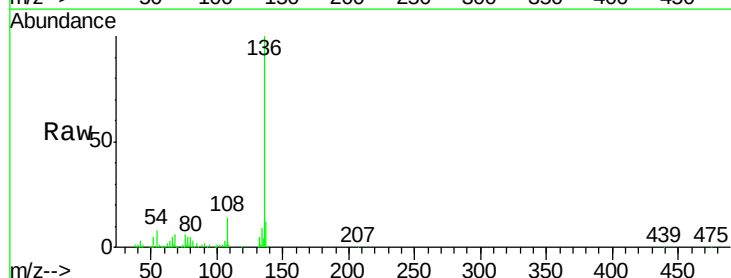
Ion Ratio Lower Upper

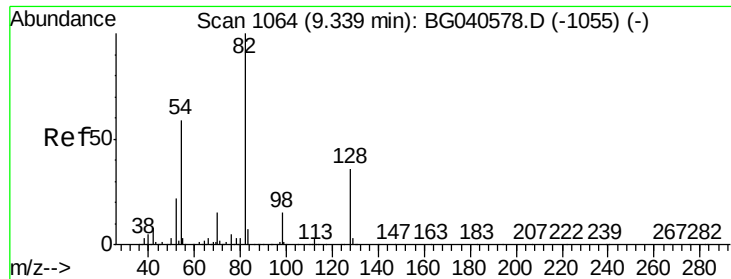
136 100

137 11.8 9.7 14.5

54 8.5 8.6 12.8#

68 6.0 4.8 7.2

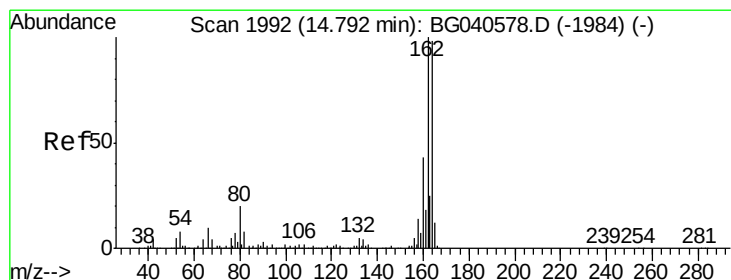
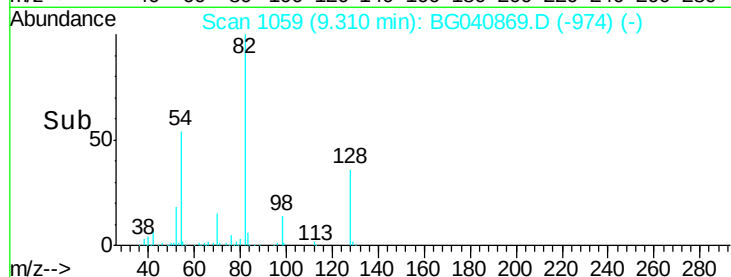
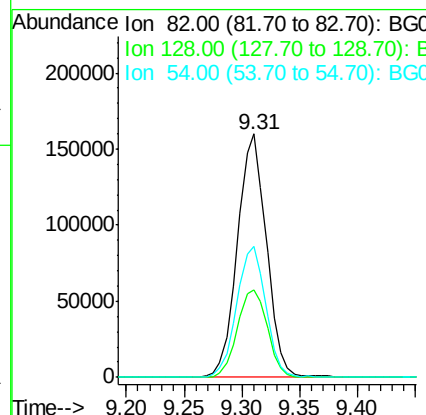
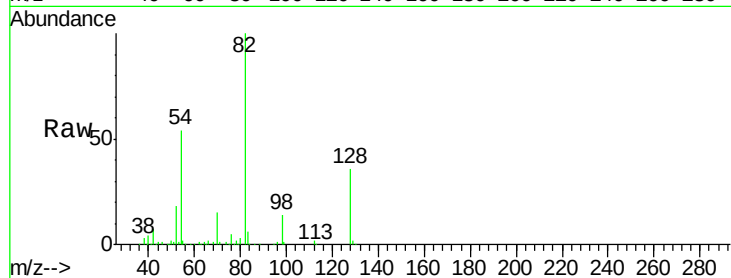




#23
 Nitrobenzene-d5
 Concen: 70.158 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. -0.03 min
 Lab File: BG040869.D
 Acq: 11 May 2019 6:10

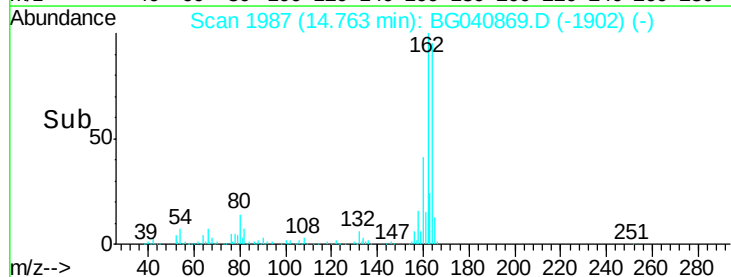
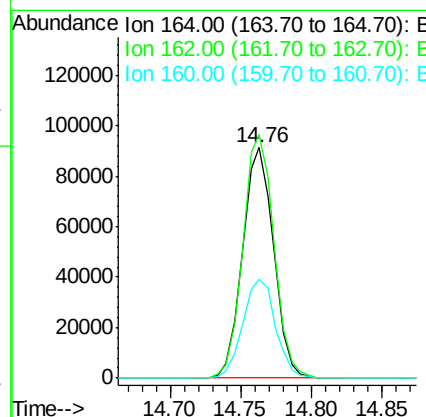
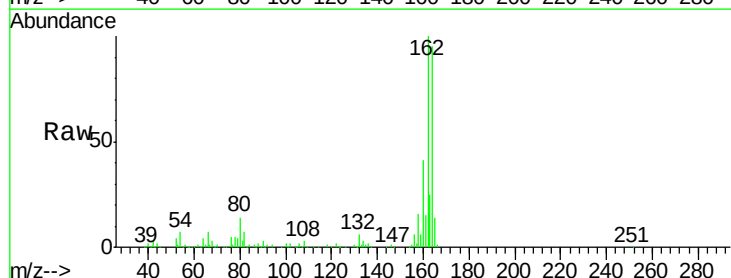
Instrument :
 BNA_G
 ClientSampleId :
 FR-COMP

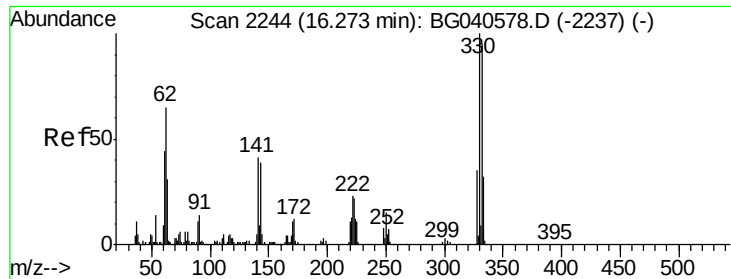
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.7	28.9	43.3
54	53.8	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.03 min
 Lab File: BG040869.D
 Acq: 11 May 2019 6:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	81.9	122.9
160	43.0	35.4	53.2

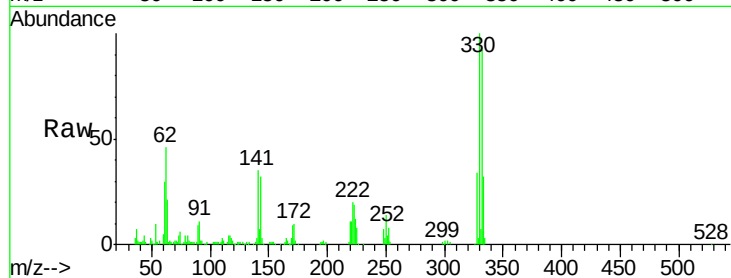




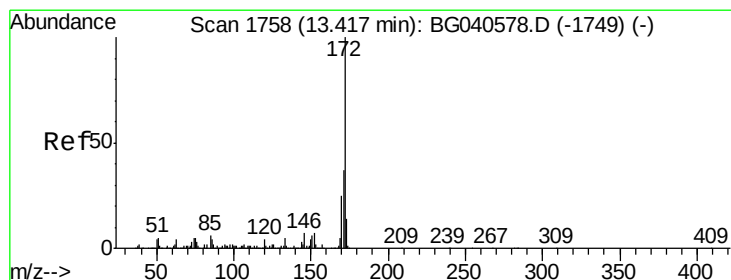
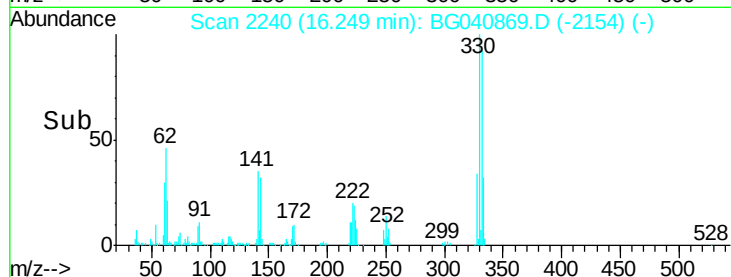
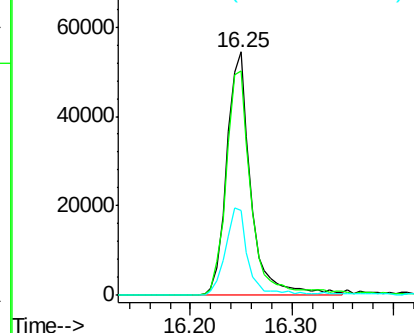
#42
 2,4,6-Tribromophenol
 Concen: 46.962 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.02 min
 Lab File: BG040869.D
 Acq: 11 May 2019 6:10

Instrument :
 BNA_G
 ClientSampleId :
 FR-COMP

Tgt Ion:330 Resp: 90096
 Ion Ratio Lower Upper
 330 100
 332 93.2 75.9 113.9
 141 33.9 32.4 48.6

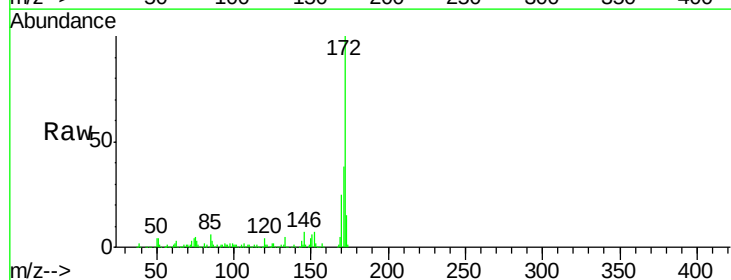


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

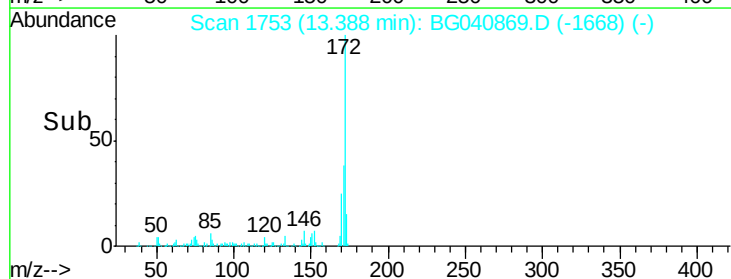
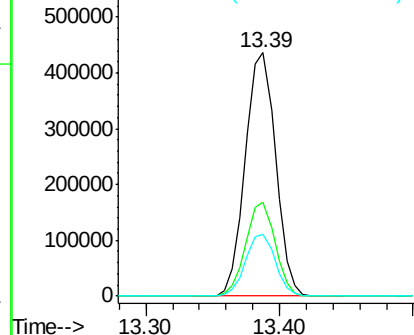


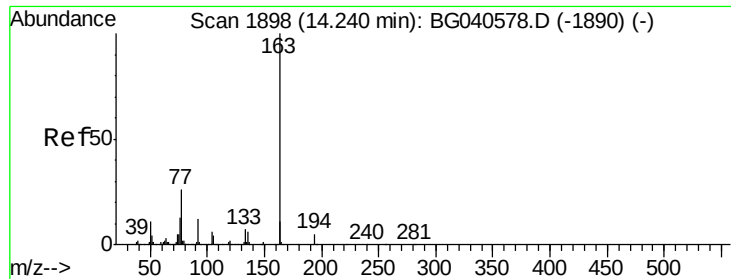
#45
 2-Fluorobiphenyl
 Concen: 70.916 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040869.D
 Acq: 11 May 2019 6:10

Tgt Ion:172 Resp: 685373
 Ion Ratio Lower Upper
 172 100
 171 38.4 29.4 44.2
 170 25.5 19.9 29.9



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





#50

Dimethylphthalate

Concen: 5.815 ng

RT: 14.20 min Scan# 1892

Delta R.T. -0.04 min

Lab File: BG040869.D

Acq: 11 May 2019 6:10

Instrument :

BNA_G

ClientSampleId :

FR-COMP

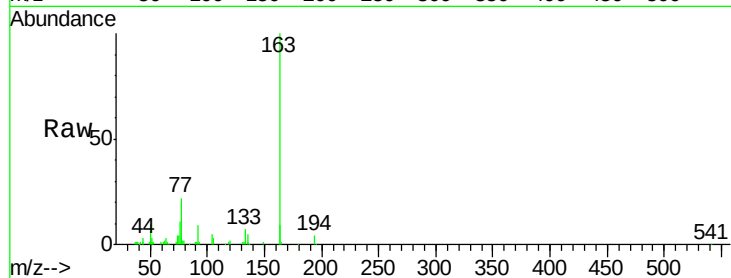
Tgt Ion:163 Resp: 67904

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.8

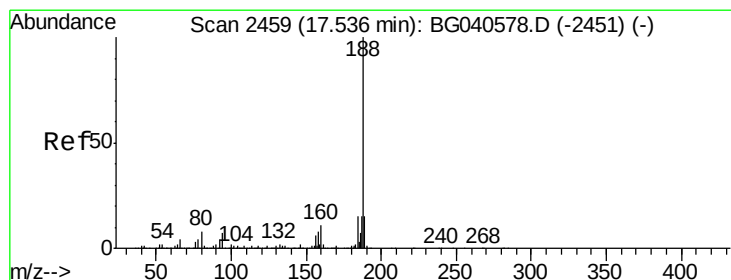
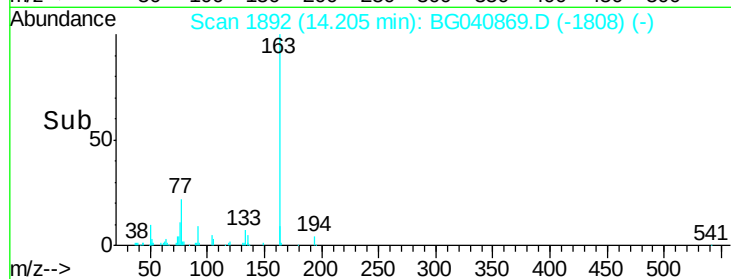
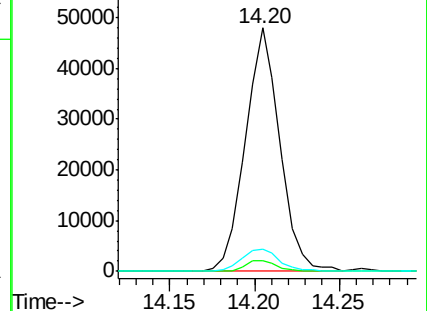
164 9.2 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2454

Delta R.T. -0.03 min

Lab File: BG040869.D

Acq: 11 May 2019 6:10

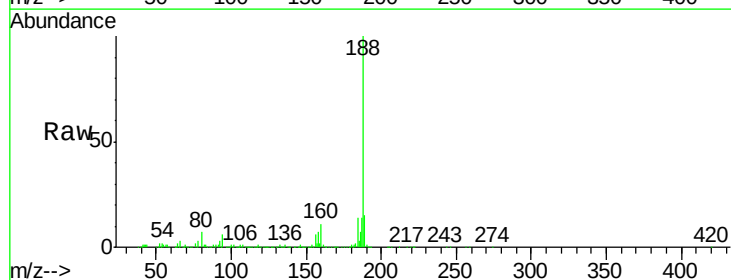
Tgt Ion:188 Resp: 383211

Ion Ratio Lower Upper

188 100

94 6.3 5.6 8.4

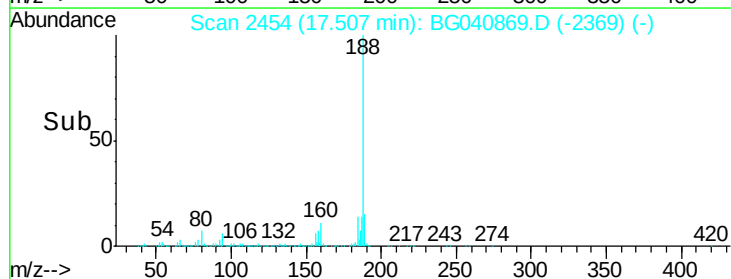
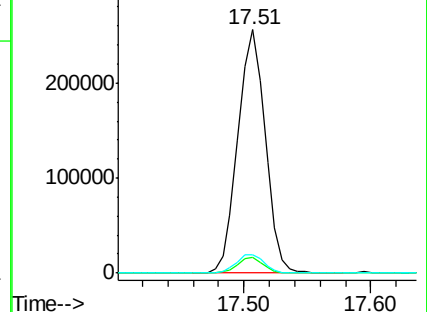
80 7.5 6.4 9.6

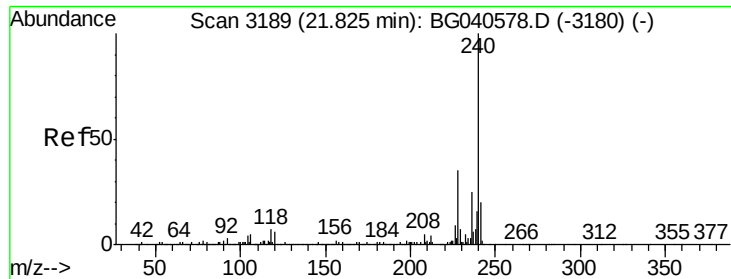


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

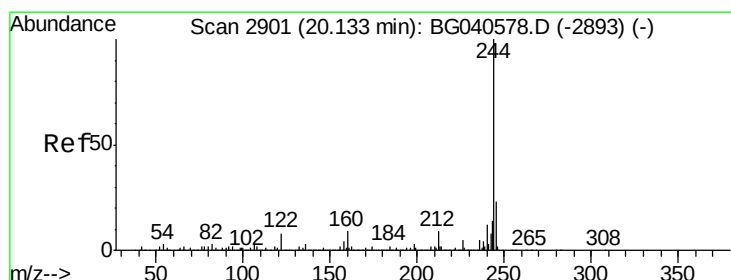
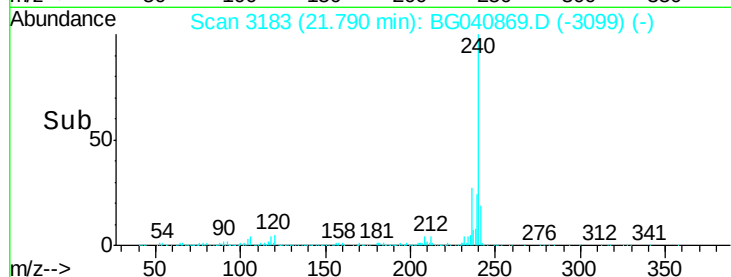
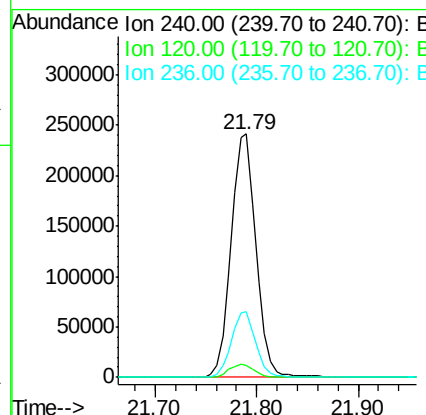
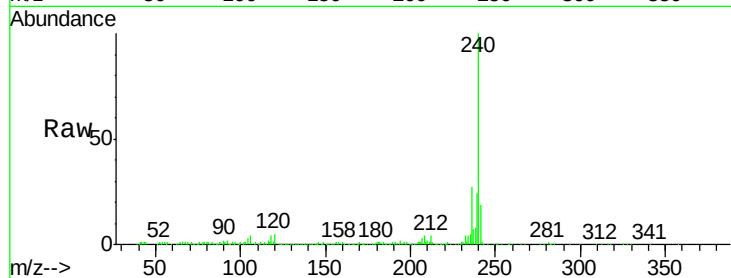




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.04 min
Lab File: BG040869.D
Acq: 11 May 2019 6:10

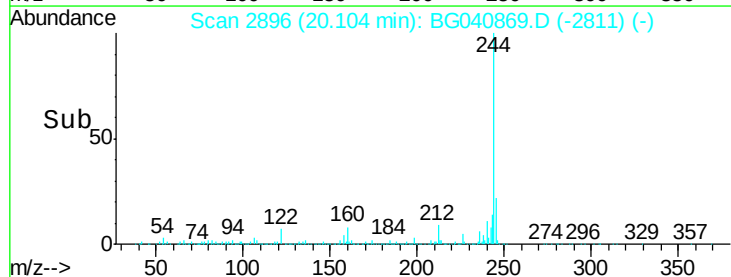
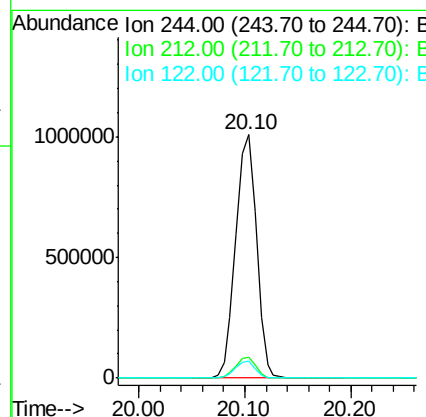
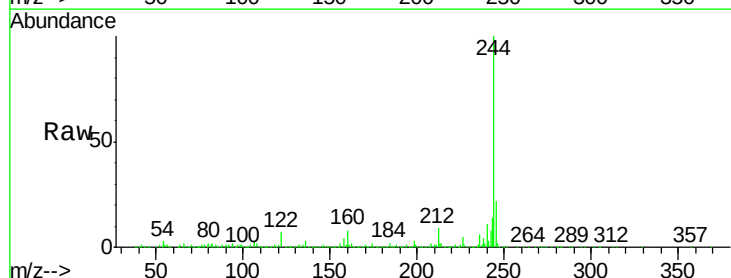
Instrument :
BNA_G
ClientSampleId :
FR-COMP

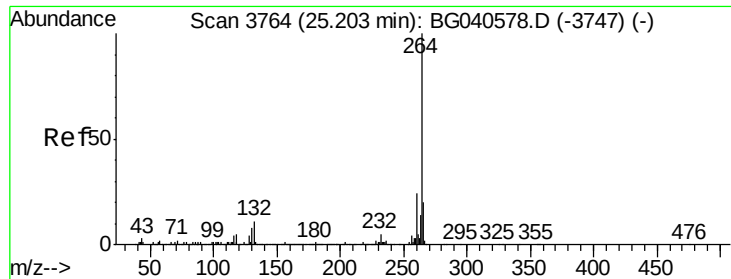
Tgt Ion:240 Resp: 410871
Ion Ratio Lower Upper
240 100
120 5.0 5.0 7.6
236 27.2 20.3 30.5



#79
Terphenyl-d14
Concen: 74.005 ng
RT: 20.10 min Scan# 2896
Delta R.T. -0.03 min
Lab File: BG040869.D
Acq: 11 May 2019 6:10

Tgt Ion:244 Resp: 1372486
Ion Ratio Lower Upper
244 100
212 8.8 7.2 10.8
122 7.0 6.6 10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.13 min Scan# 3752
Delta R.T. -0.07 min
Lab File: BG040869.D
Acq: 11 May 2019 6:10

Instrument :
BNA_G
ClientSampleId :
FR-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.1	16.6	25.0

