

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
 Data File : BG040722.D
 Acq On : 3 May 2019 00:41
 Operator : JU/SJ
 Sample : PB119404TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119404TB

Quant Time: May 03 07:39:11 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	36270	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	143082	20.00	ng	-0.01
39) Acenaphthene-d10	14.77	164	111823	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	338082	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	362357	20.00	ng	-0.03
87) Perylene-d12	25.15	264	364328	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	306670	149.05	ng	0.00
7) Phenol-d6	7.28	99	452491	142.83	ng	-0.01
23) Nitrobenzene-d5	9.32	82	302118	97.56	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	256854	167.11	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	678111	87.58	ng	-0.02
79) Terphenyl-d14	20.11	244	1571784	96.10	ng	-0.02

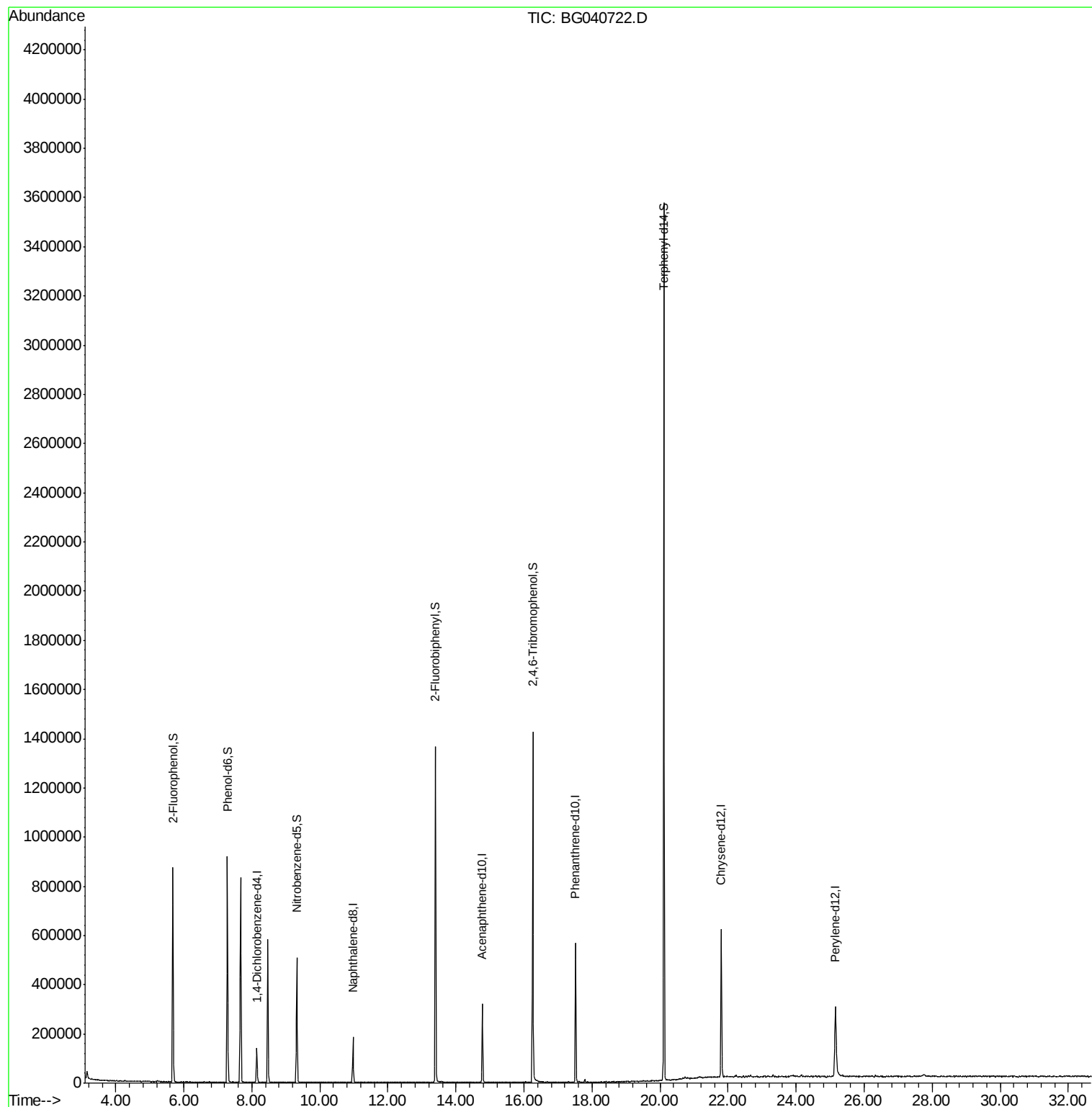
Target Compounds Qvalue

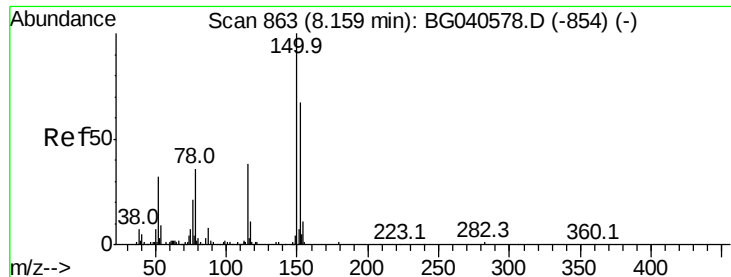
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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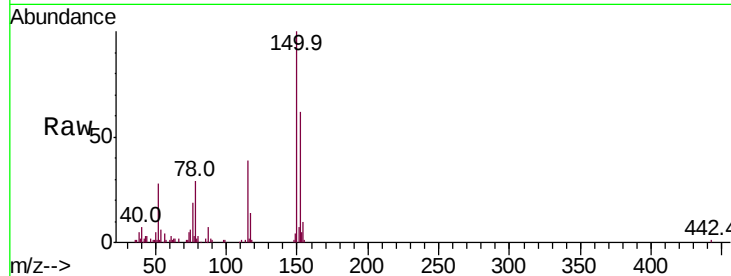


#1

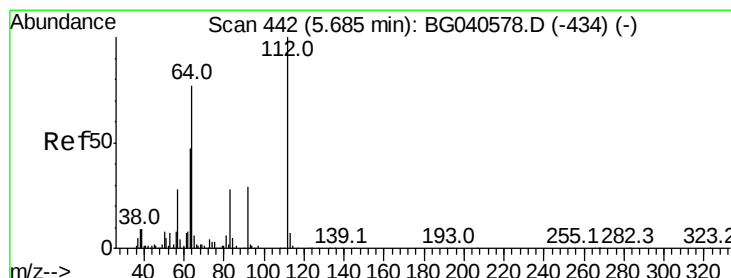
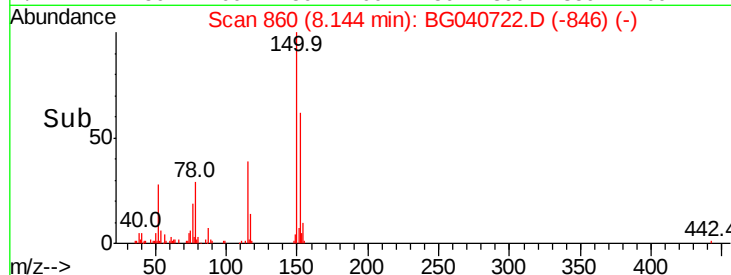
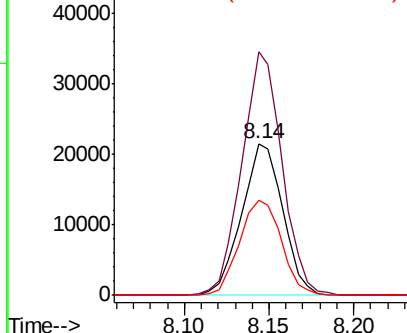
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.01 min
Lab File: BG040722.D
Acq: 3 May 2019 00:41

Instrument :
BNA_G
ClientSampleId :
PB119404TB

Tot Ion:152 Resp: 36270
Ion Ratio Lower Upper
152 100
150 160.5 120.2 180.2
115 63.0 46.2 69.2



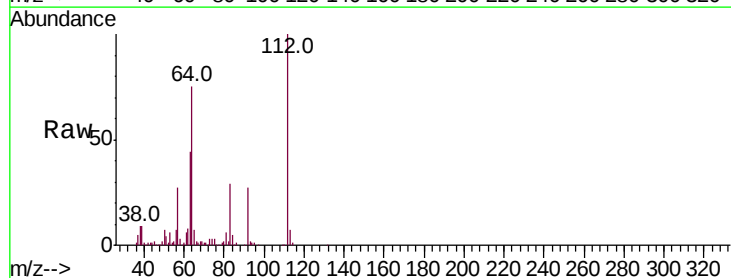
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



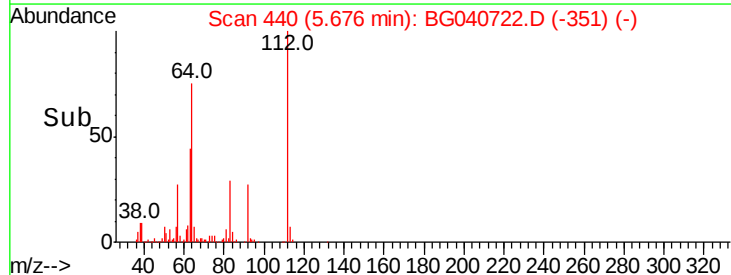
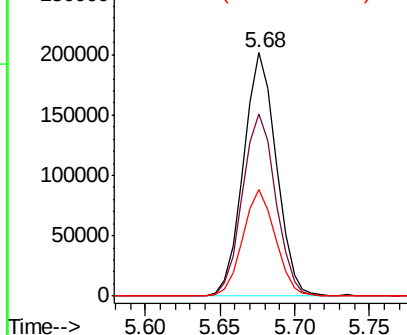
#5

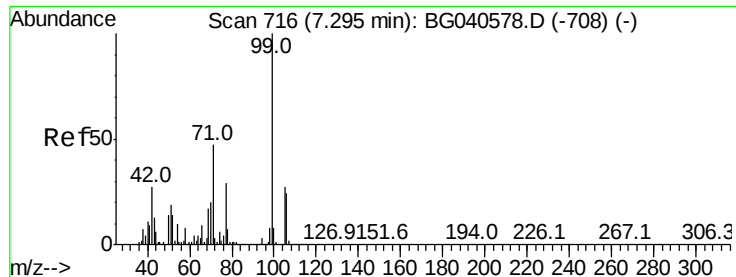
2-Fluorophenol
Concen: 149.045 ng
RT: 5.68 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040722.D
Acq: 3 May 2019 00:41

Tgt Ion:112 Resp: 306670
Ion Ratio Lower Upper
112 100
64 74.8 61.4 92.0
63 43.8 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 142.829 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG040722.D

Acq: 3 May 2019 00:41

Instrument :

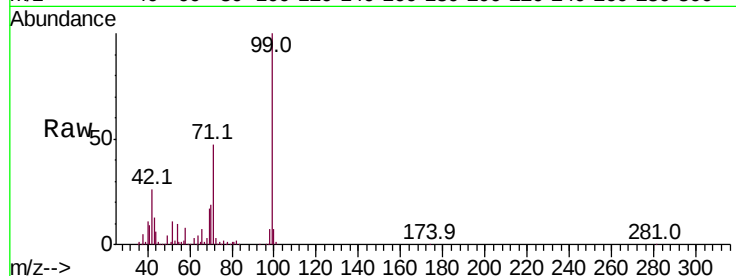
BNA_G

ClientSampleId :

PB119404TB

Tot Ion: 99 Resp: 452491

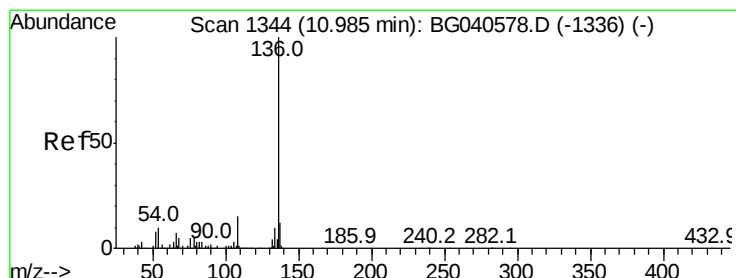
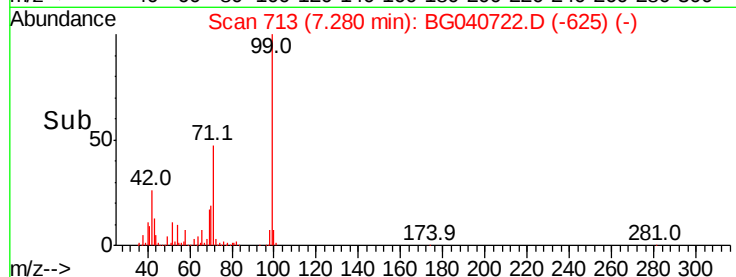
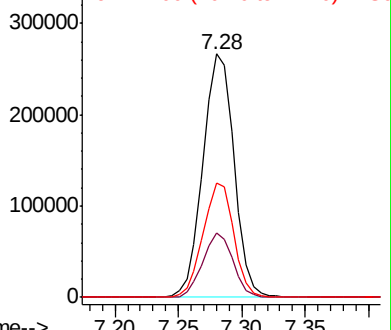
Ion	Ratio	Lower	Upper
99	100		
42	26.3	21.8	32.8
71	47.2	38.6	57.8



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: 10.97 min Scan# 1341

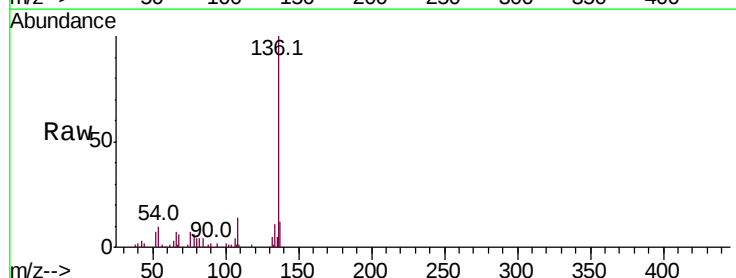
Delta R.T. -0.01 min

Lab File: BG040722.D

Acq: 3 May 2019 00:41

Tgt Ion: 136 Resp: 143082

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.7	14.5
54	10.4	8.6	12.8
68	6.0	4.8	7.2

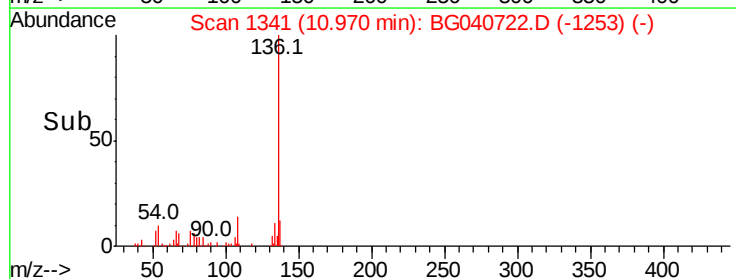
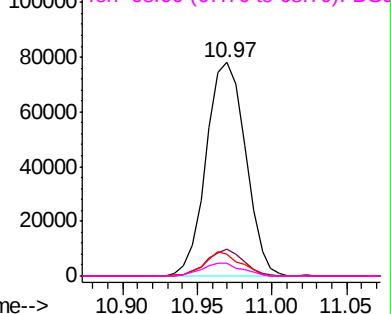


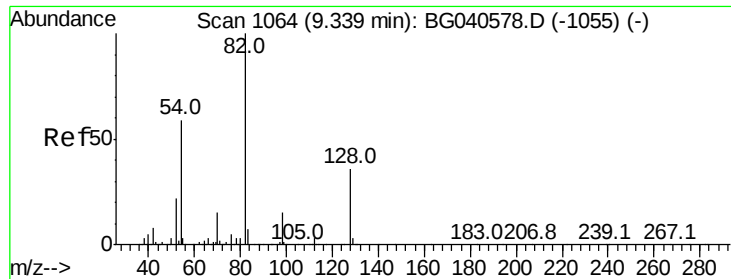
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

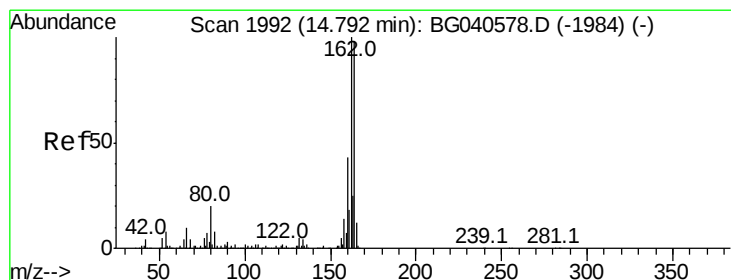
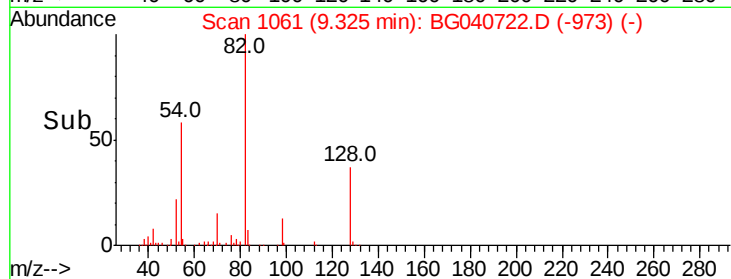
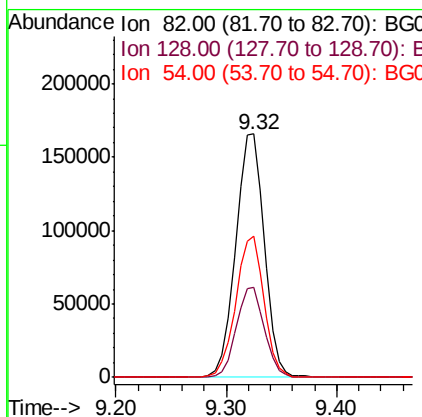
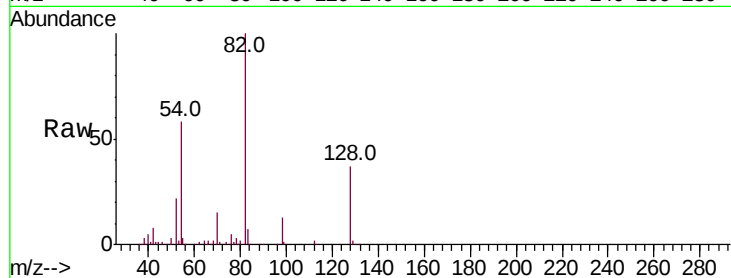




#23
 Nitrobenzene-d5
 Concen: 97.565 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BG040722.D
 Acq: 3 May 2019 00:41

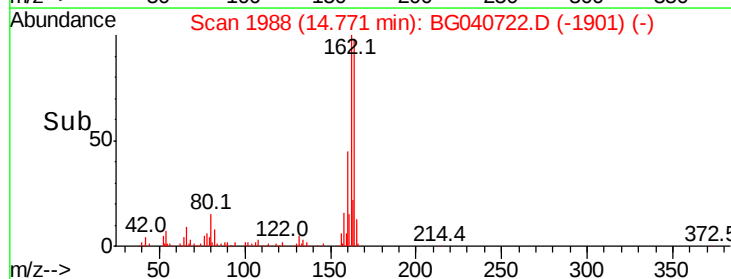
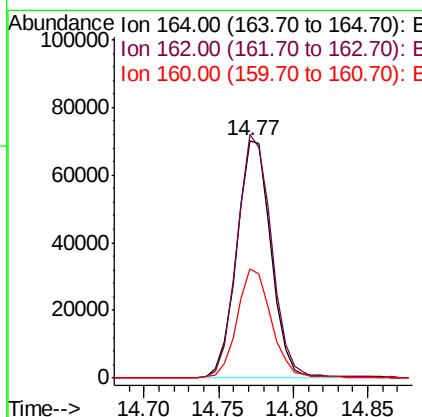
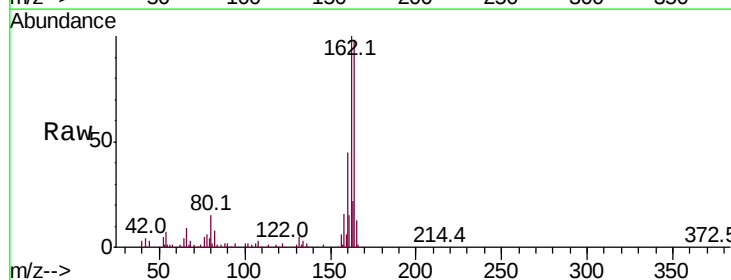
Instrument :
 BNA_G
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 PB119404TB

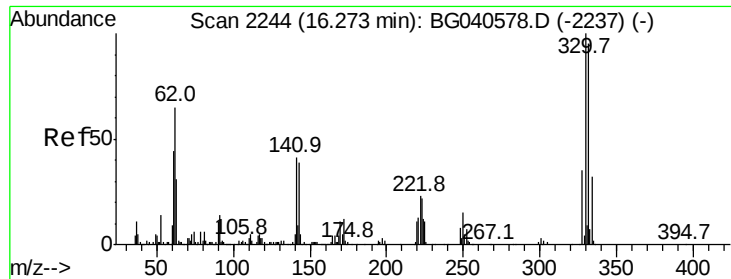
Tot Ion	82	Resp	302118
Ion Ratio	100	Lower	Upper
128	37.2	28.9	43.3
54	58.2	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040722.D
 Acq: 3 May 2019 00:41

Tgt Ion	164	Resp	111823
Ion Ratio	100	Lower	Upper
162	102.4	81.9	122.9
160	45.9	35.4	53.2

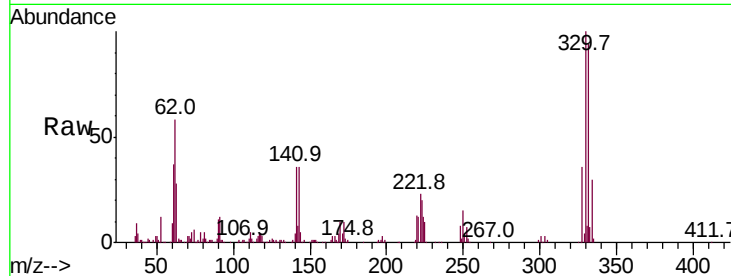




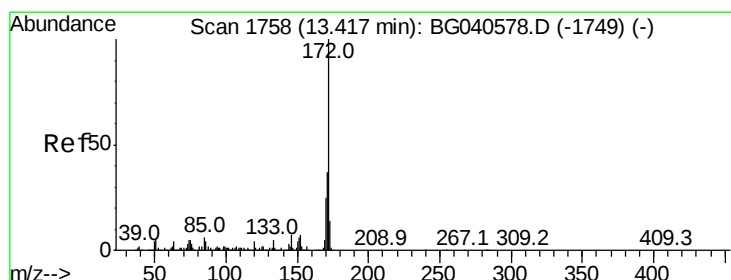
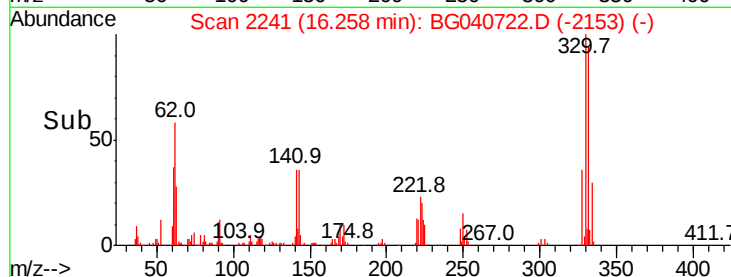
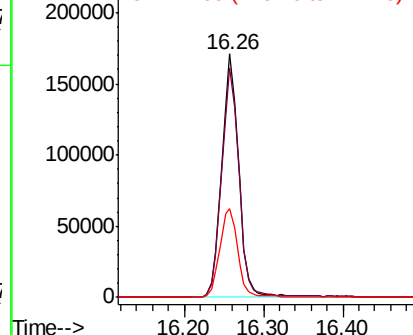
#42
 2,4,6-Tribromophenol
 Concen: 167.110 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BG040722.D
 Acq: 3 May 2019 00:41

Instrument :
 BNA_G
 ClientSampleId :
 PB119404TB

Tot Ion:330 Resp: 256854
 Ion Ratio Lower Upper
 330 100
 332 94.6 75.9 113.9
 141 38.5 32.4 48.6

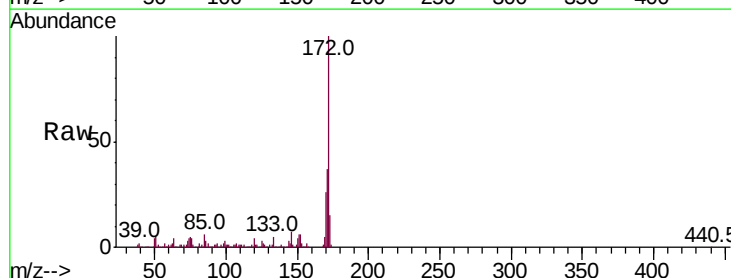


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

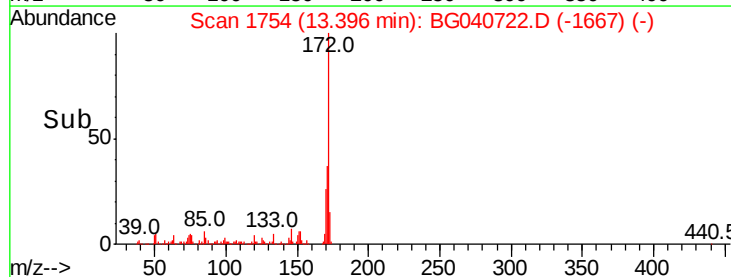
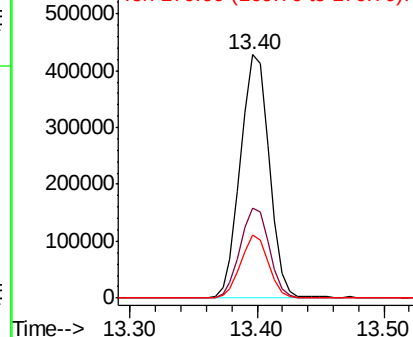


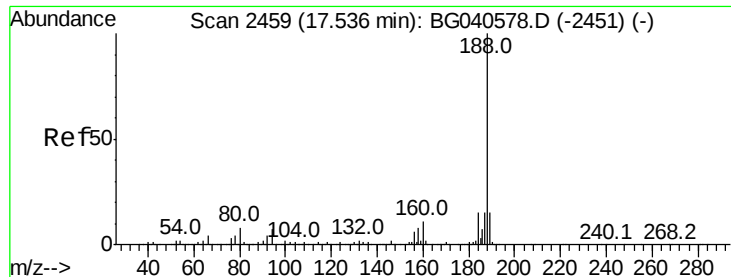
#45
 2-Fluorobiphenyl
 Concen: 87.578 ng
 RT: 13.40 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040722.D
 Acq: 3 May 2019 00:41

Tgt Ion:172 Resp: 678111
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.2
 170 25.7 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040722.D

Acq: 3 May 2019 00:41

Instrument :

BNA_G

ClientSampleId :

PB119404TB

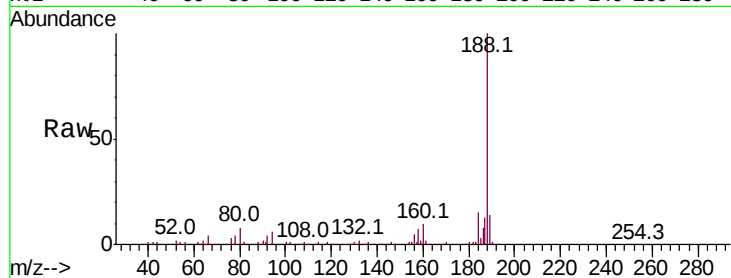
Tot Ion:188 Resp: 338082

Ion Ratio Lower Upper

188 100

94 6.0 5.6 8.4

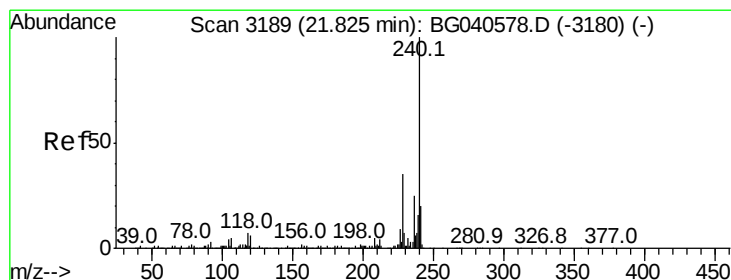
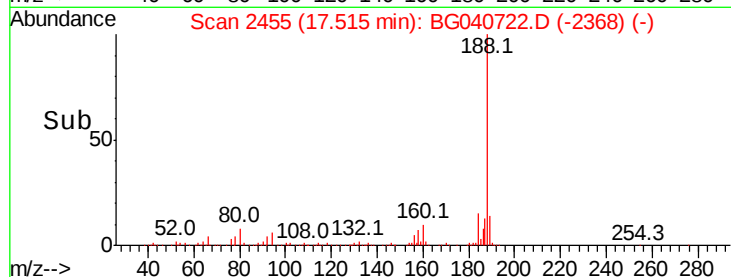
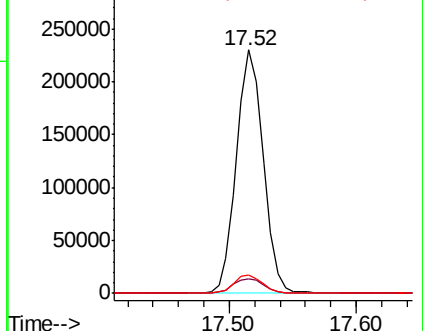
80 7.8 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040722.D

Acq: 3 May 2019 00:41

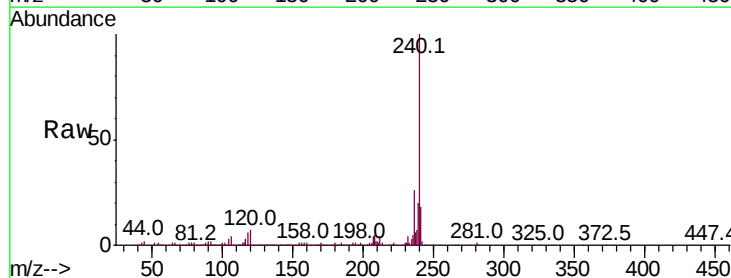
Tgt Ion:240 Resp: 362357

Ion Ratio Lower Upper

240 100

120 6.8 5.0 7.6

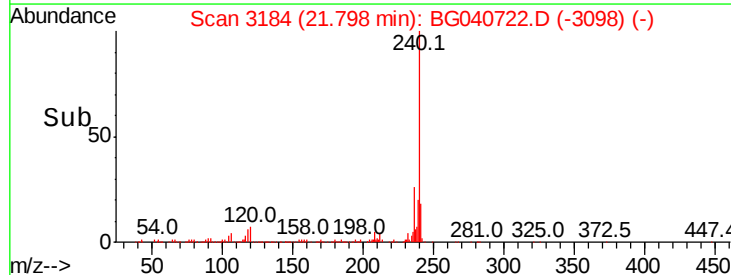
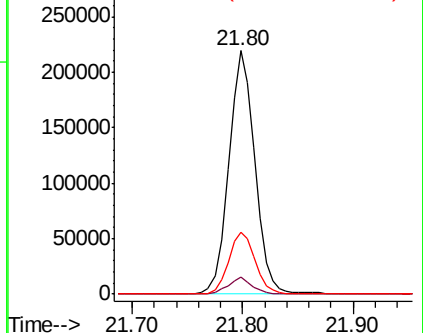
236 25.6 20.3 30.5

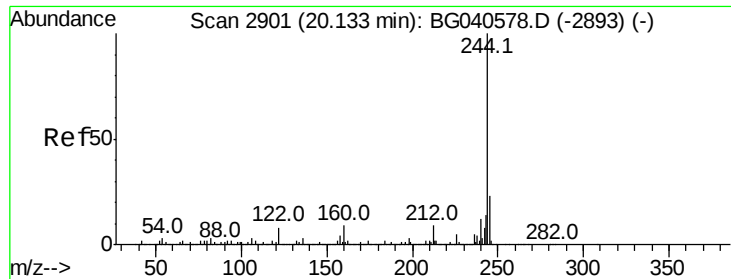


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.098 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040722.D

Acq: 3 May 2019 00:41

Instrument :

BNA_G

ClientSampleId :

PB119404TB

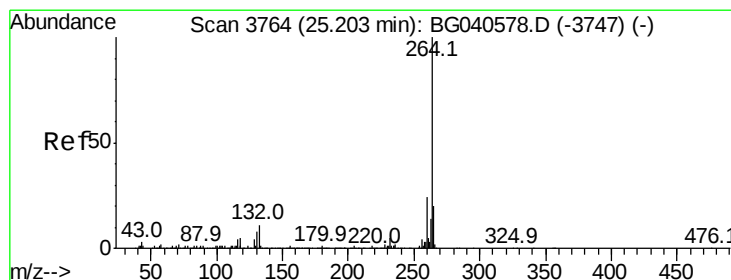
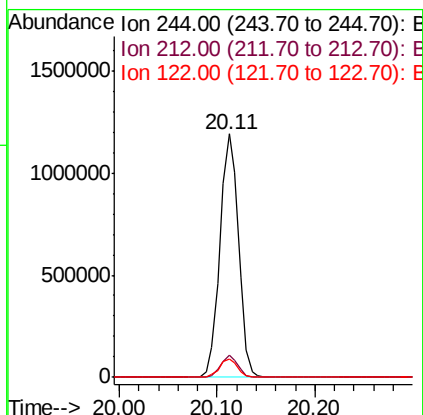
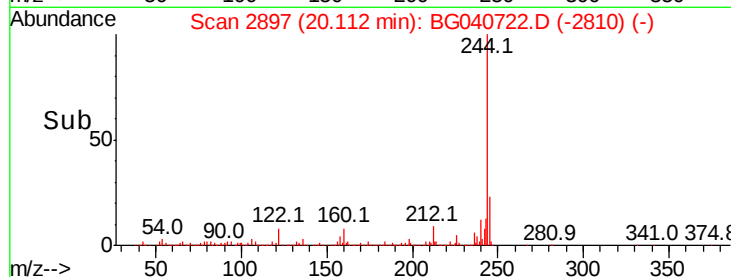
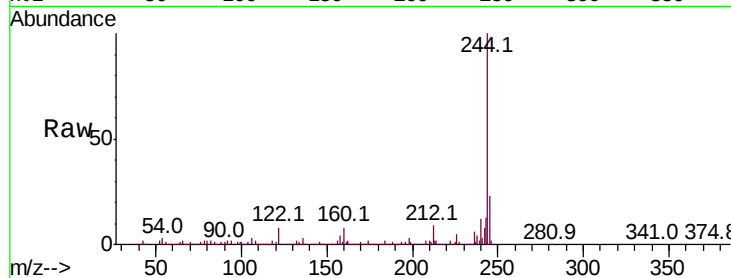
Tot Ion:244 Resp: 1571784

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

122 7.7 6.6 10.0



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040722.D

Acq: 3 May 2019 00:41

Tgt Ion:264 Resp: 364328

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 20.9 16.6 25.0

