

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
 Data File : BG040723.D
 Acq On : 3 May 2019 1:19
 Operator : JU/SJ
 Sample : PB119404BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119404BL

Quant Time: May 03 07:40:38 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	8.15	152	39824	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	165841	20.00	ng	-0.01
39) Acenaphthene-d10	14.77	164	121136	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	370316	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	385651	20.00	ng	-0.02
87) Perylene-d12	25.16	264	385149	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	359092	158.95	ng	0.00
7) Phenol-d6	7.28	99	523852	150.60	ng	-0.01
23) Nitrobenzene-d5	9.32	82	357047	99.48	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	285922	171.72	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	776992	92.63	ng	-0.02
79) Terphenyl-d14	20.11	244	1737308	99.80	ng	-0.02

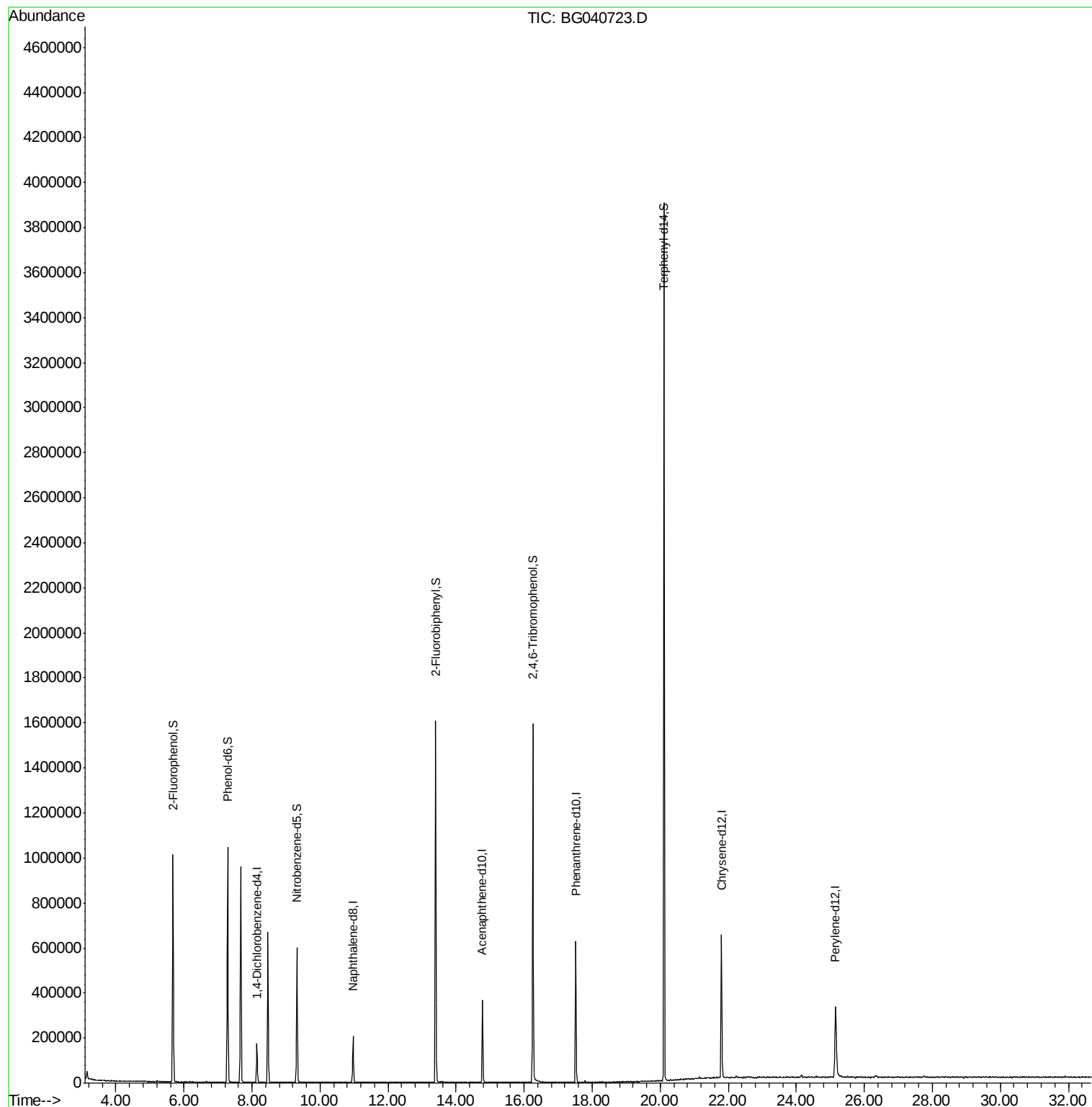
Target Compounds Qvalue

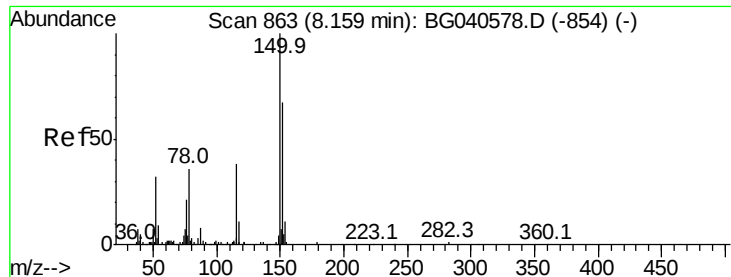
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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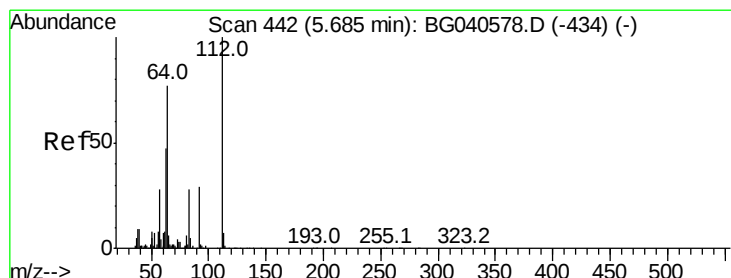
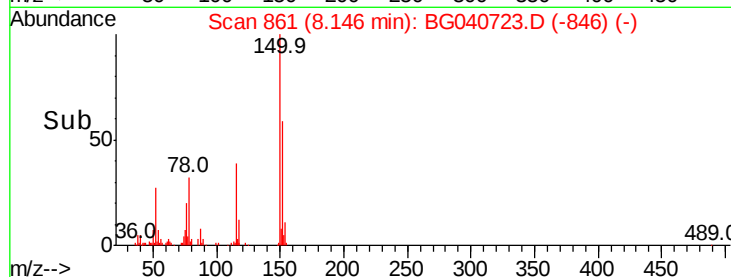
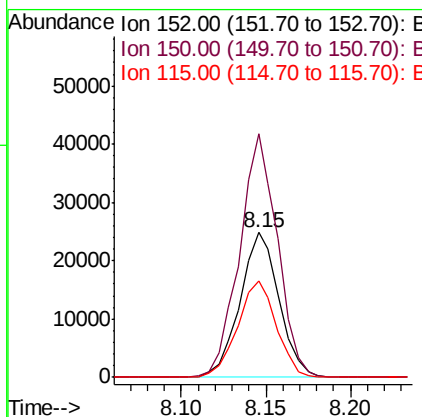
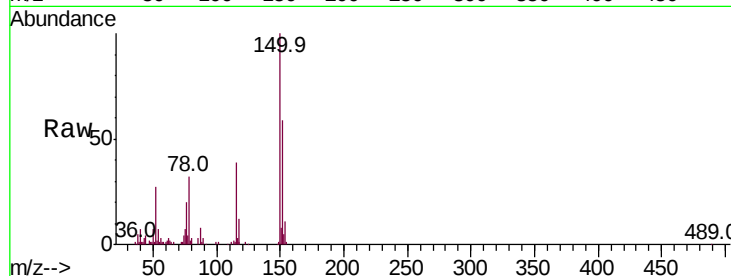


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BG040723.D
 Acq: 3 May 2019 1:19

Instrument :
 BNA_G
 ClientSampleId :
 PB119404BL

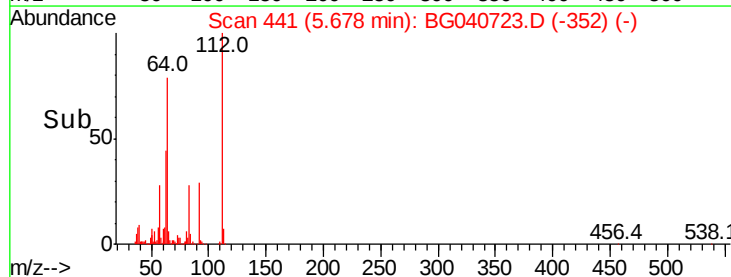
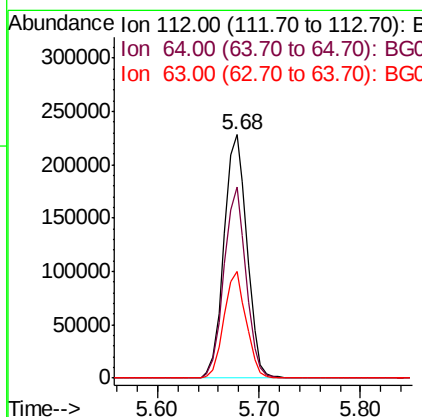
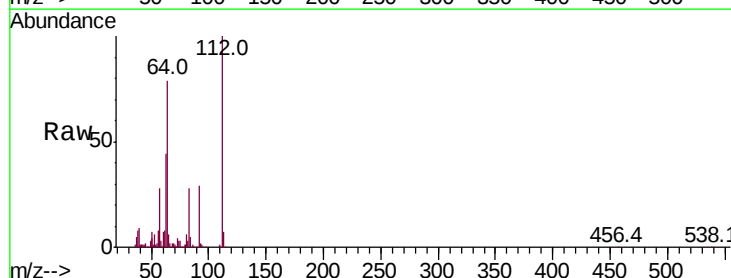
Tot Ion	Ratio	Lower	Upper
152	100		
150	168.1	120.2	180.2
115	66.3	46.2	69.2

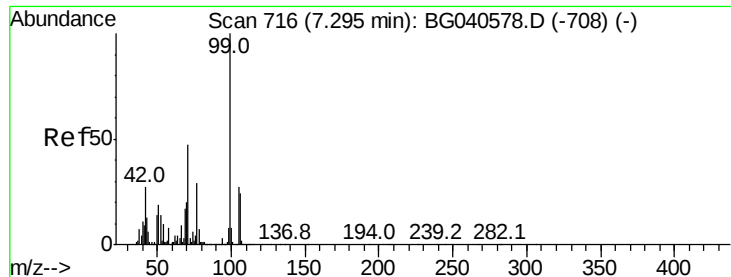


#5

2-Fluorophenol
 Concen: 158.948 ng
 RT: 5.68 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BG040723.D
 Acq: 3 May 2019 1:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.7	61.4	92.0
63	44.0	37.8	56.6





#7

Phenol-d6

Concen: 150.597 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040723.D

Acq: 3 May 2019 1:19

Instrument :

BNA_G

ClientSampleId :

PB119404BL

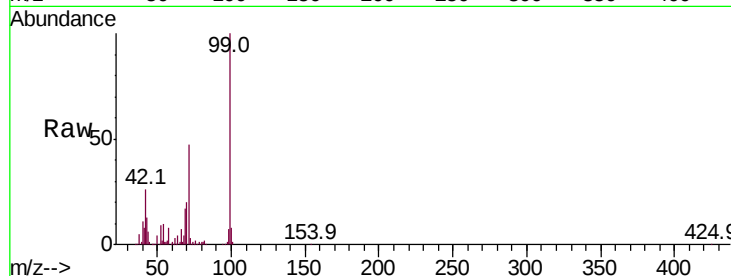
Tot Ion: 99 Resp: 523852

Ion Ratio Lower Upper

99 100

42 25.8 21.8 32.8

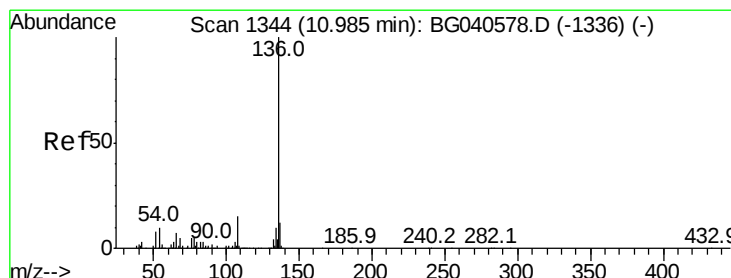
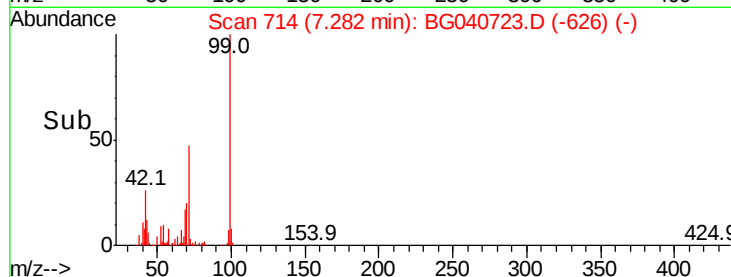
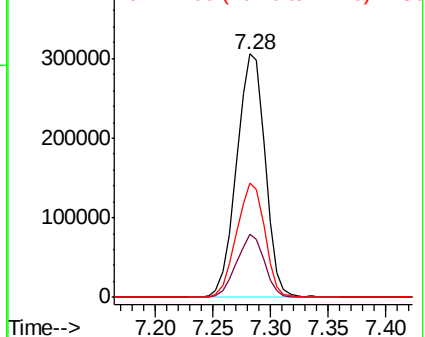
71 47.1 38.6 57.8



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# 1342

Delta R.T. -0.01 min

Lab File: BG040723.D

Acq: 3 May 2019 1:19

Tgt Ion: 136 Resp: 165841

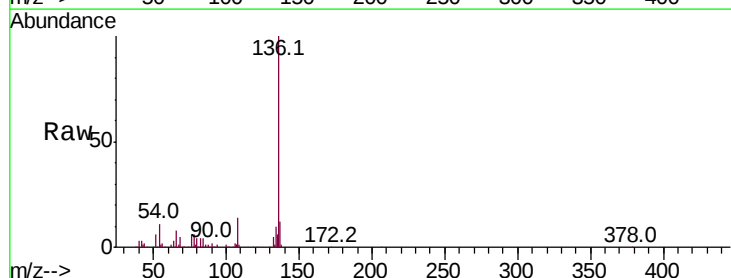
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 10.6 8.6 12.8

68 4.8 4.8 7.2

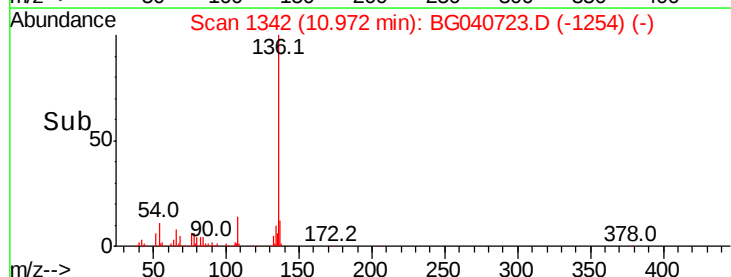
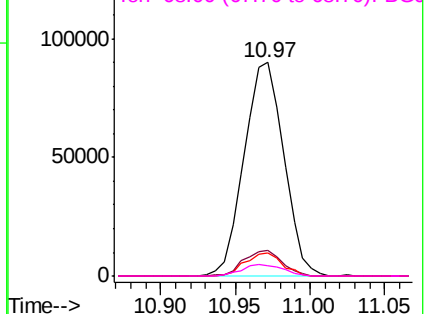


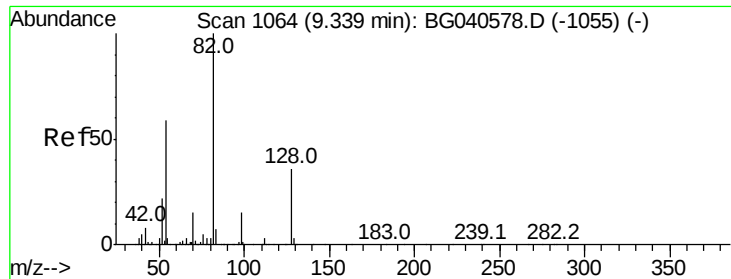
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

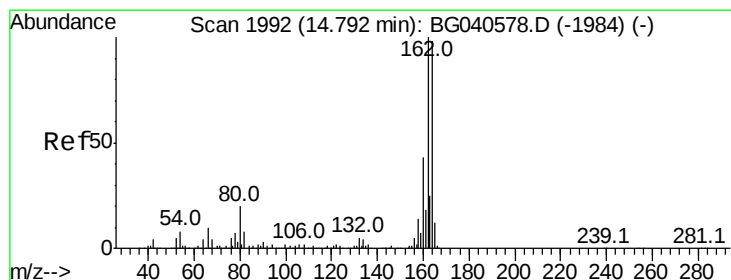
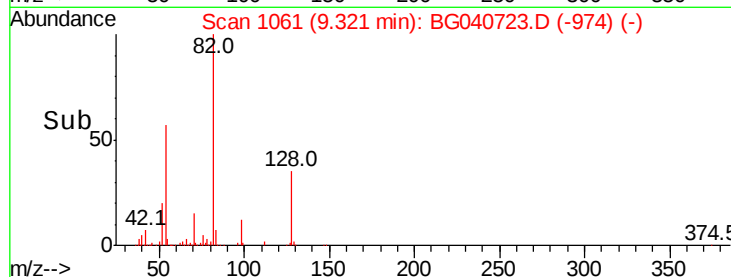
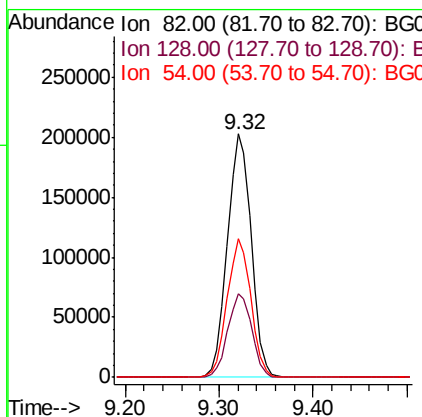
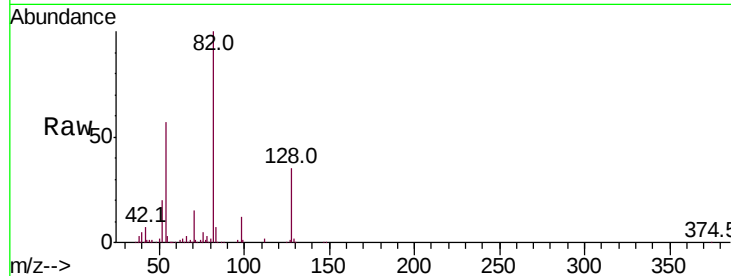




#23
Nitrobenzene-d5
Concen: 99.480 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040723.D
Acq: 3 May 2019 1:19

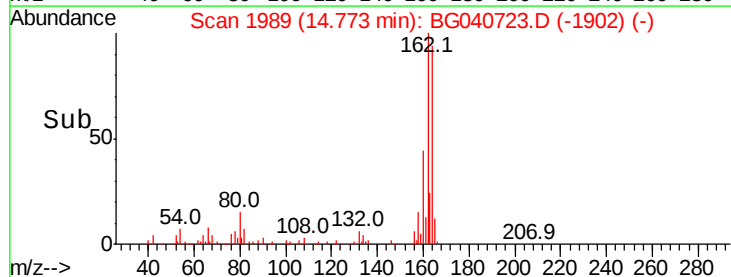
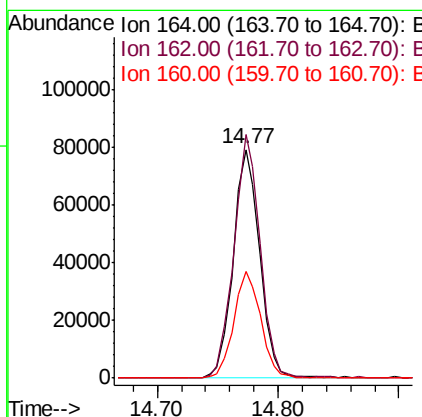
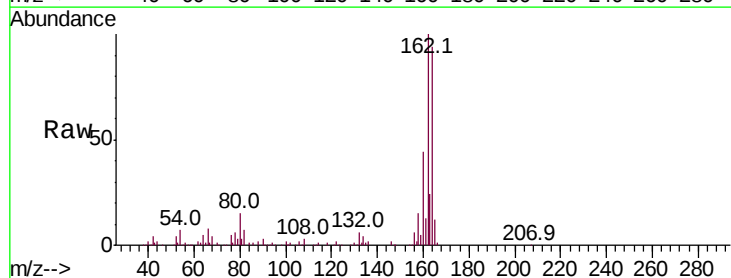
Instrument :
BNA_G
ClientSampleId :
PB119404BL

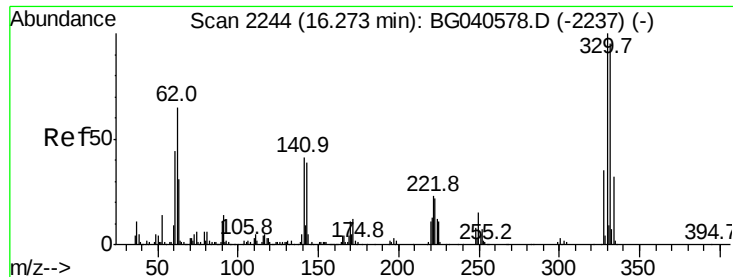
Tot Ion	82	Resp	357047
Ion Ratio	Lower	Upper	
82	100		
128	34.6	28.9	43.3
54	57.1	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG040723.D
Acq: 3 May 2019 1:19

Tgt Ion	164	Resp	121136
Ion Ratio	Lower	Upper	
164	100		
162	106.4	81.9	122.9
160	46.6	35.4	53.2

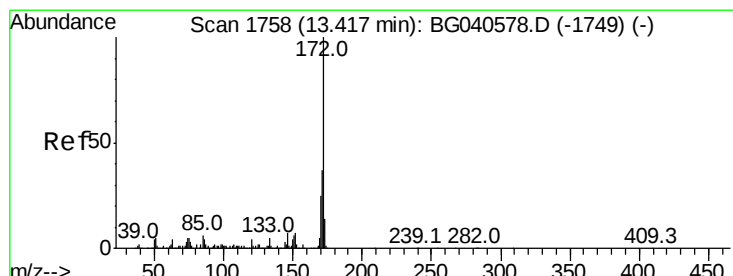
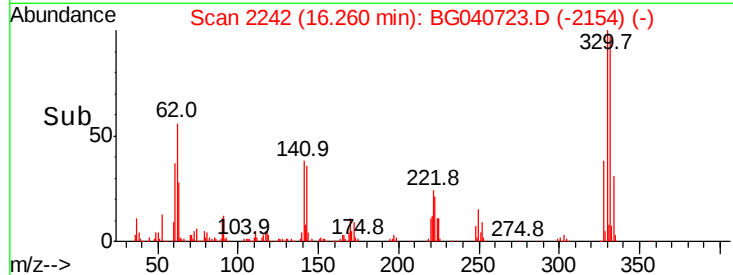
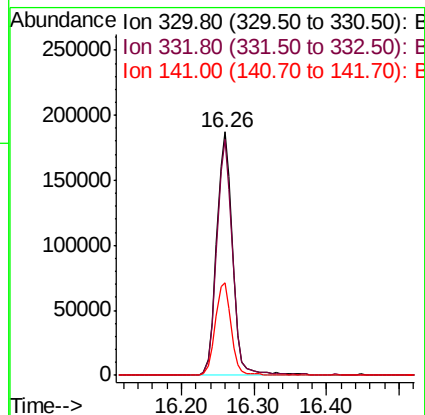
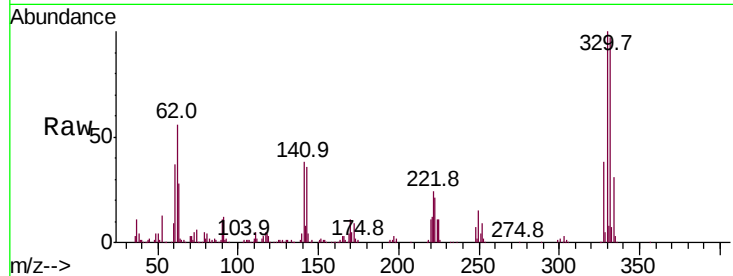




#42
 2,4,6-Tribromophenol
 Concen: 171.721 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BG040723.D
 Acq: 3 May 2019 1:19

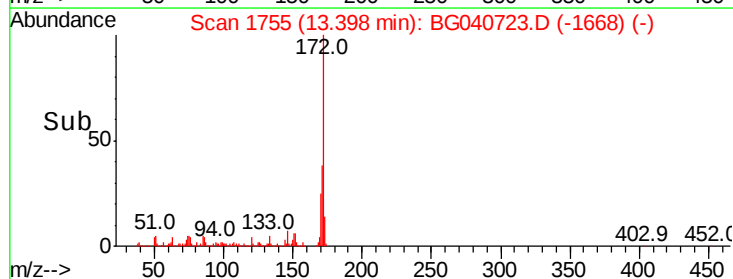
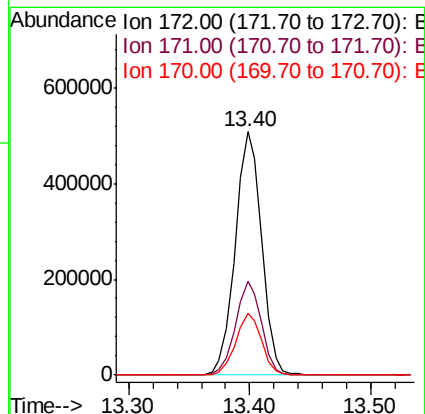
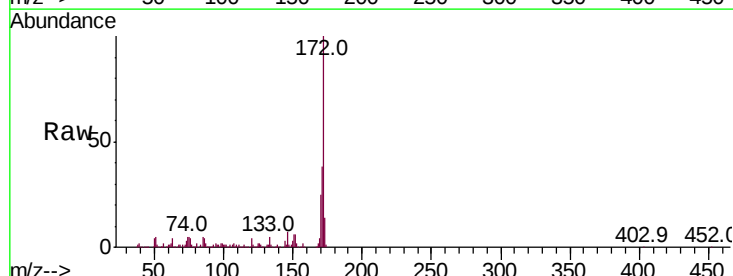
Instrument :
 BNA_G
 ClientSampleId :
 PB119404BL

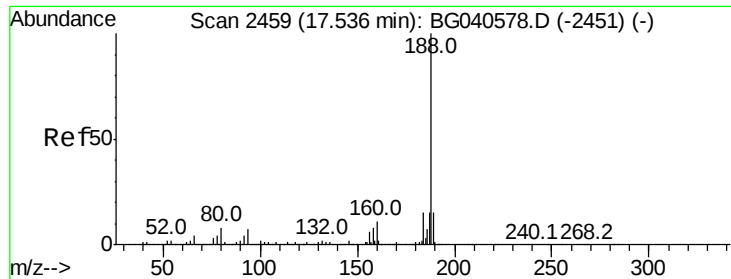
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.9	113.9
141	38.1	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 92.634 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG040723.D
 Acq: 3 May 2019 1:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.4	44.2
170	25.4	19.9	29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040723.D

Acq: 3 May 2019 1:19

Instrument :

BNA_G

ClientSampleId :

PB119404BL

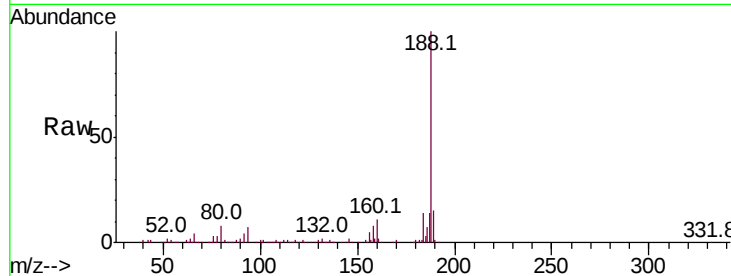
Tot Ion:188 Resp: 370316

Ion Ratio Lower Upper

188 100

94 6.9 5.6 8.4

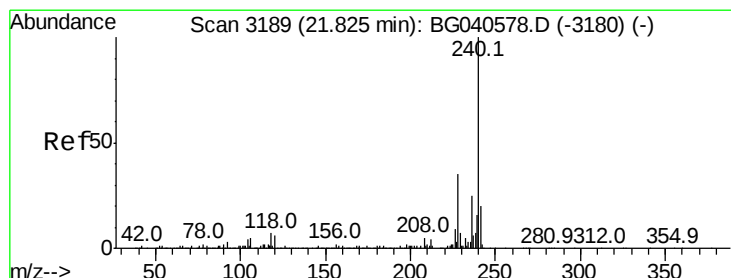
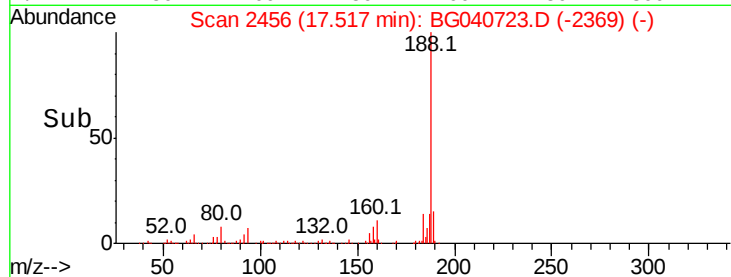
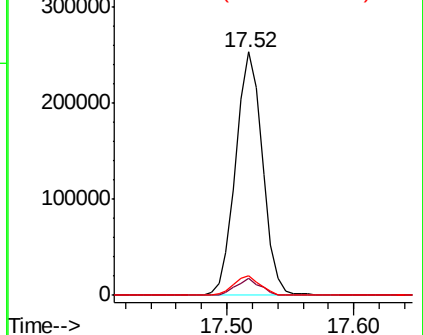
80 7.9 6.4 9.6



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# 3185

Delta R.T. -0.02 min

Lab File: BG040723.D

Acq: 3 May 2019 1:19

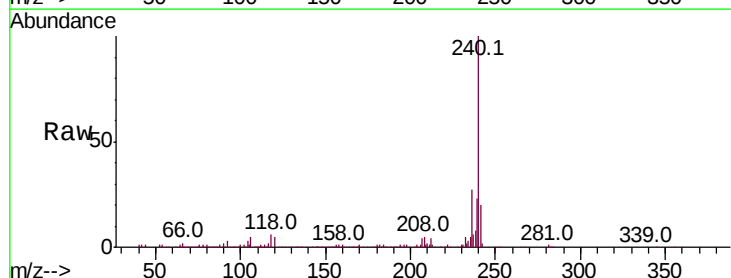
Tgt Ion:240 Resp: 385651

Ion Ratio Lower Upper

240 100

120 5.5 5.0 7.6

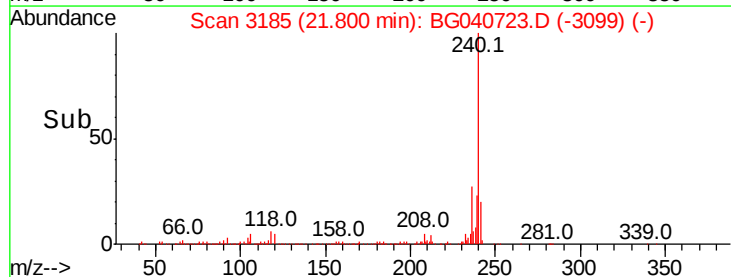
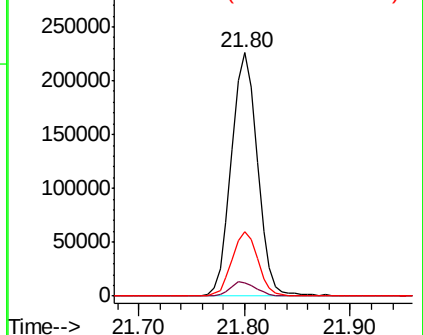
236 26.6 20.3 30.5

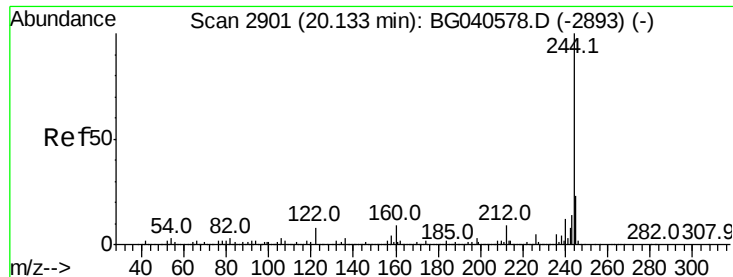


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.802 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040723.D

Acq: 3 May 2019 1:19

Instrument :

BNA_G

ClientSampleId :

PB119404BL

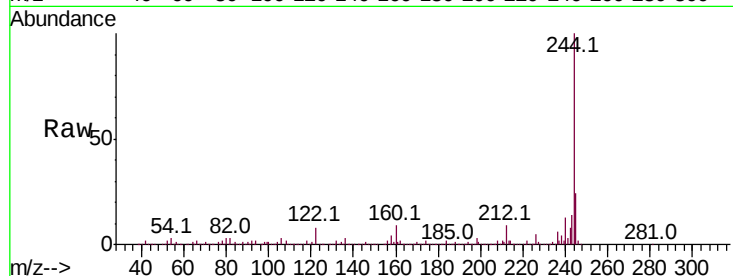
Tot Ion:244 Resp: 1737308

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

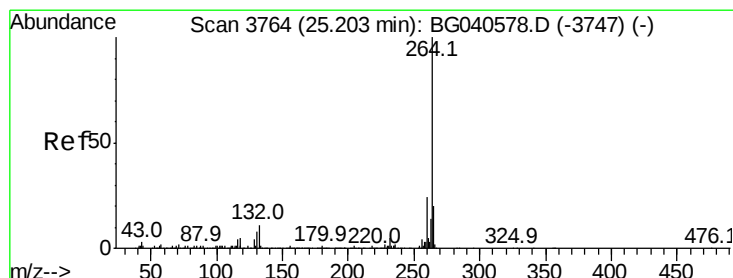
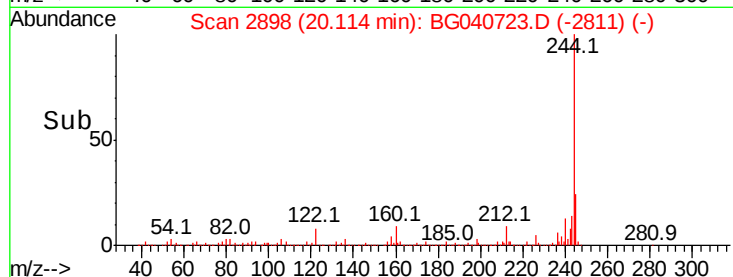
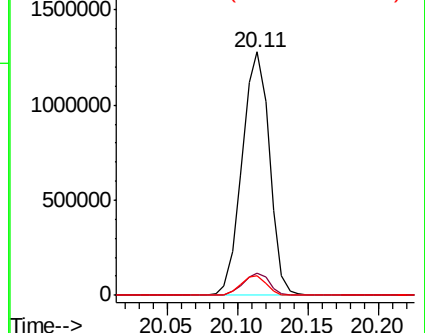
122 7.9 6.6 10.0



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# 3756

Delta R.T. -0.05 min

Lab File: BG040723.D

Acq: 3 May 2019 1:19

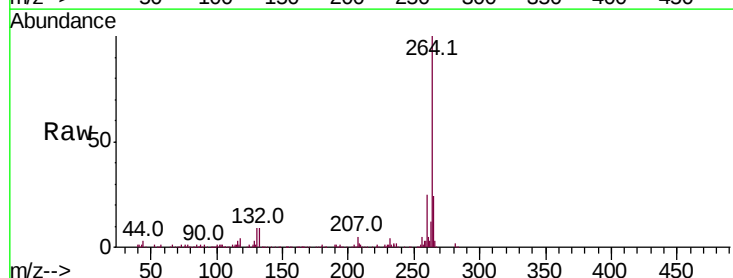
Tgt Ion:264 Resp: 385149

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 24.1 16.6 25.0



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

