

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
 Data File : BG040742.D
 Acq On : 4 May 2019 2:04
 Operator : JU/SJ
 Sample : K2674-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FILTERBAG-RO

Quant Time: May 05 23:52:29 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	33216	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	138815	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	103736	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	296956	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	298646	20.00	ng	-0.02
87) Perylene-d12	25.15	264	297866	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	339649	180.25	ng	-0.01
7) Phenol-d6	7.28	99	473808	163.31	ng	-0.01
23) Nitrobenzene-d5	9.32	82	384767	128.07	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	198645	139.31	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	850266	118.37	ng	-0.02
79) Terphenyl-d14	20.12	244	1780711	132.10	ng	-0.02

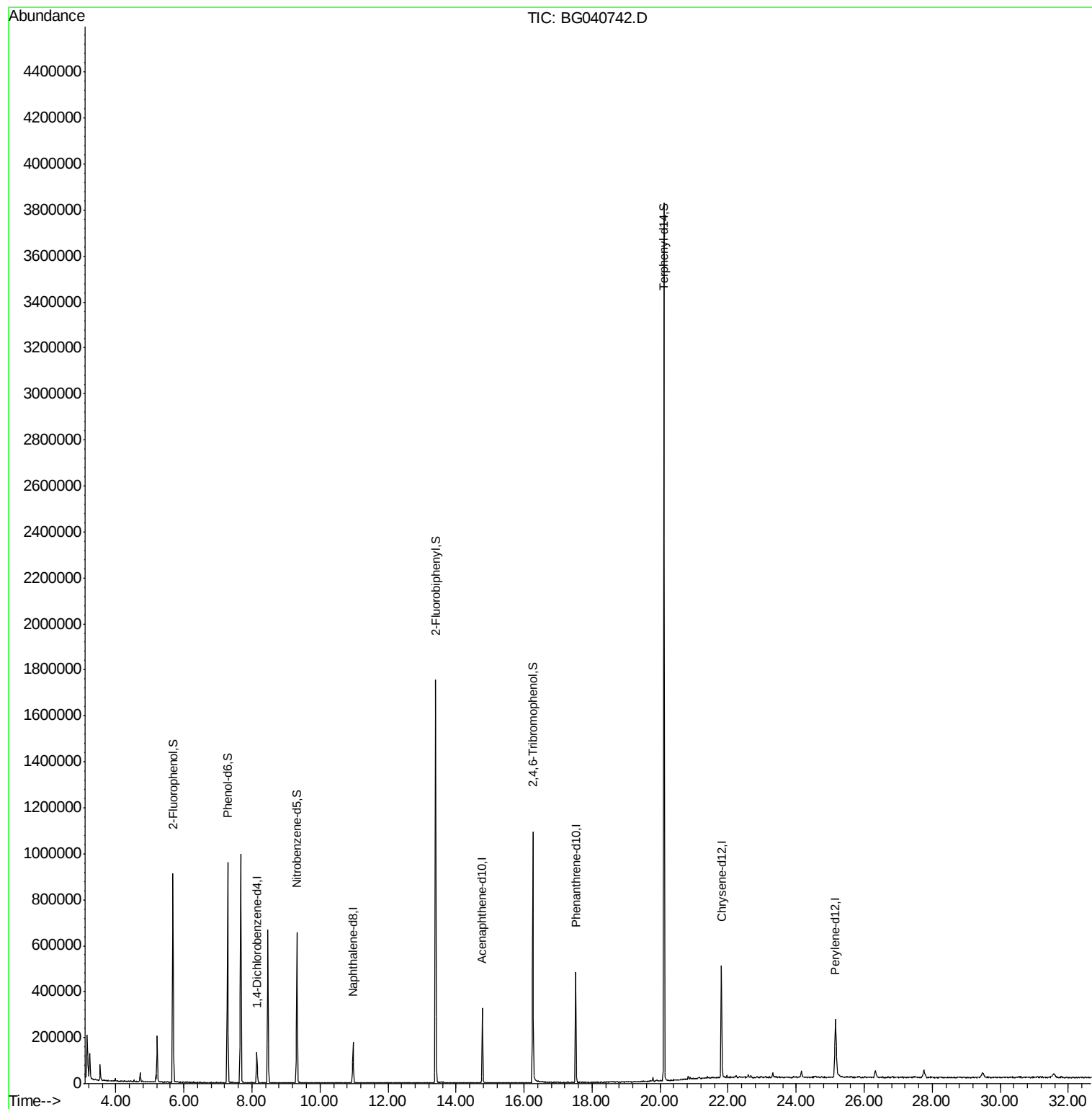
Target Compounds Qvalue

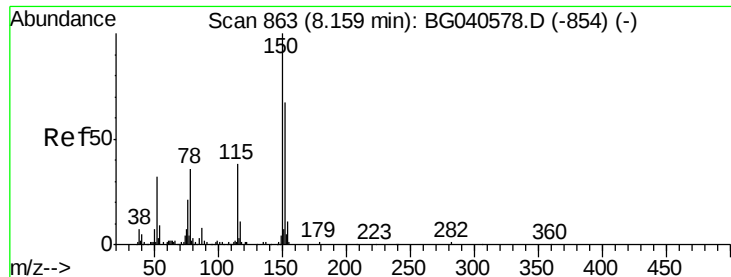
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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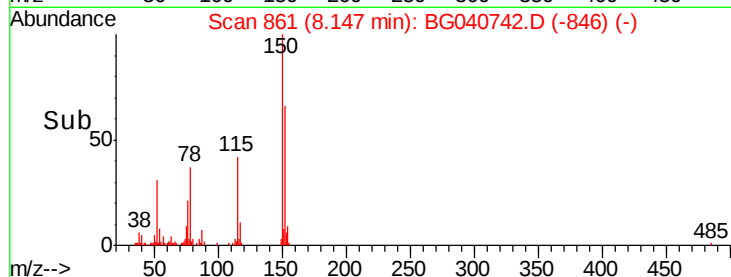
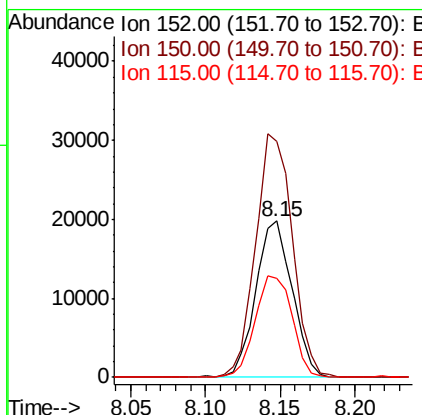
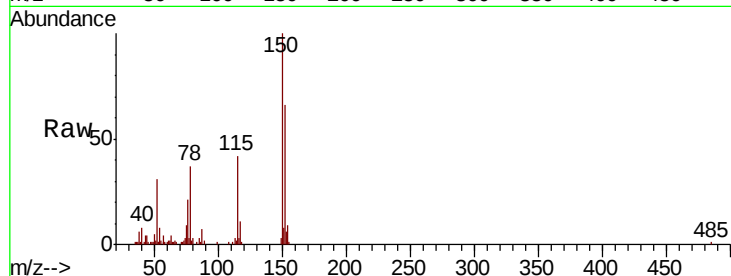


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040742.D
Acq: 4 May 2019 2:04

Instrument :
BNA_G
ClientSampleId :
FILTERBAG-RO

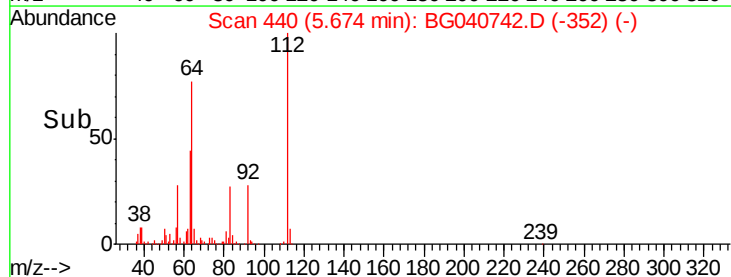
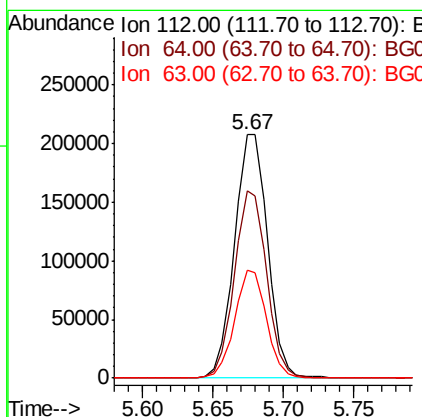
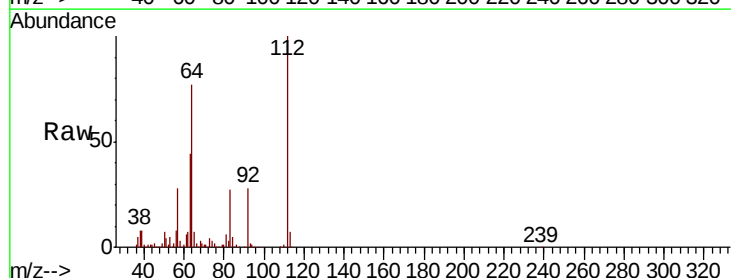
Tot Ion:152 Resp: 33216
Ion Ratio Lower Upper
152 100
150 150.5 120.2 180.2
115 62.9 46.2 69.2

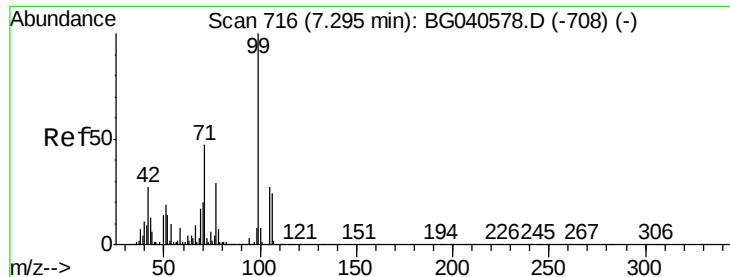


#5

2-Fluorophenol
Concen: 180.251 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040742.D
Acq: 4 May 2019 2:04

Tgt Ion:112 Resp: 339649
Ion Ratio Lower Upper
112 100
64 77.2 61.4 92.0
63 44.3 37.8 56.6





#7

Phenol-d6

Concen: 163.308 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040742.D

Acq: 4 May 2019 2:04

Instrument :

BNA_G

ClientSampleId :

FILTERBAG-RO

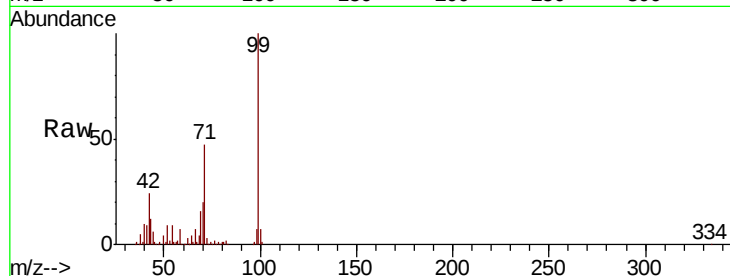
Tot Ion: 99 Resp: 473808

Ion Ratio Lower Upper

99 100

42 24.3 21.8 32.8

71 46.5 38.6 57.8

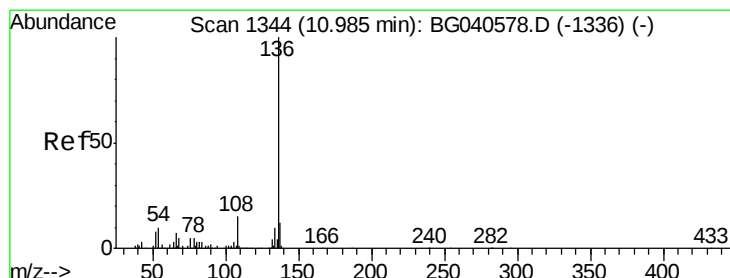
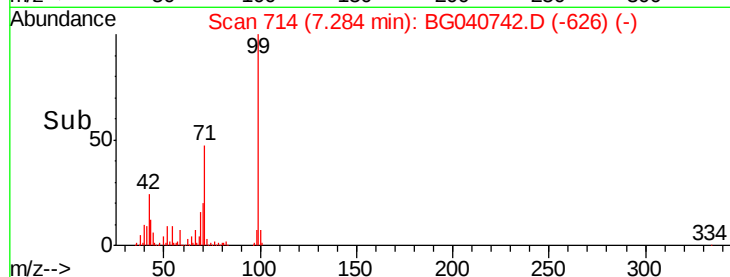
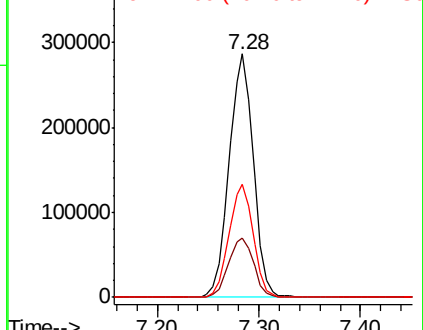


Abundance

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: BG040742.D

Acq: 4 May 2019 2:04

Tgt Ion: 136 Resp: 138815

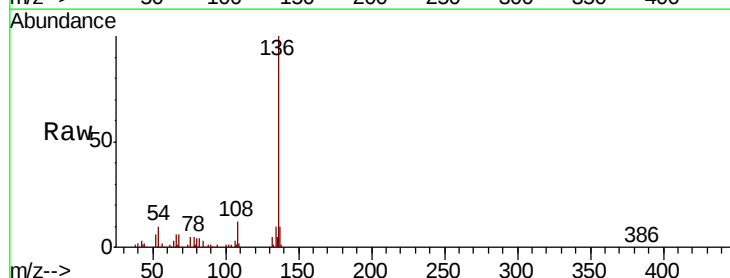
Ion Ratio Lower Upper

136 100

137 10.4 9.7 14.5

54 10.8 8.6 12.8

68 5.6 4.8 7.2



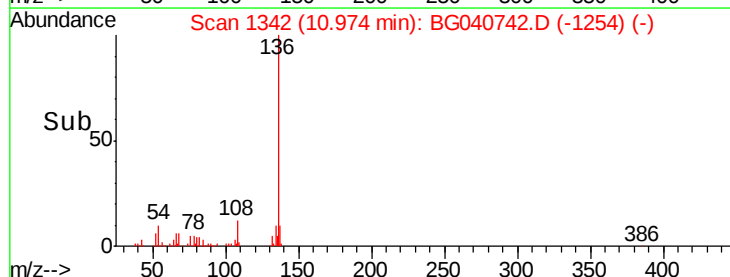
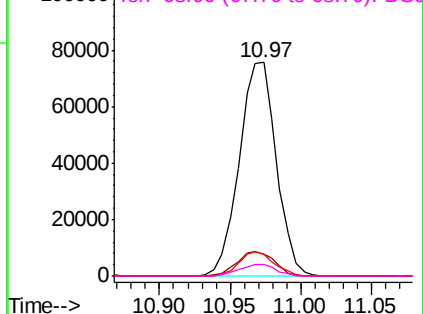
Abundance

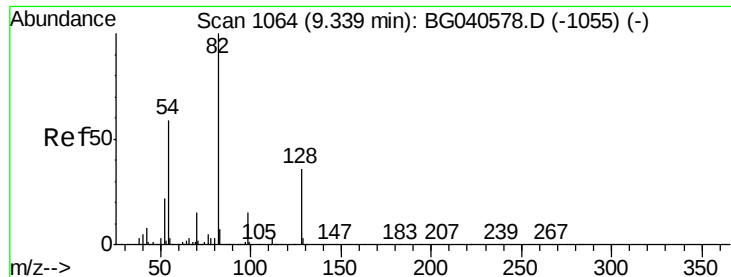
Ion 136.00 (135.70 to 136.70): BGC

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

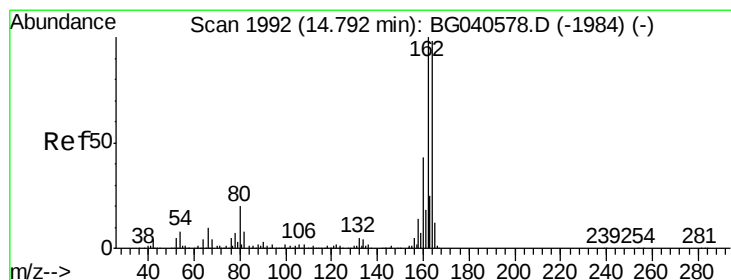
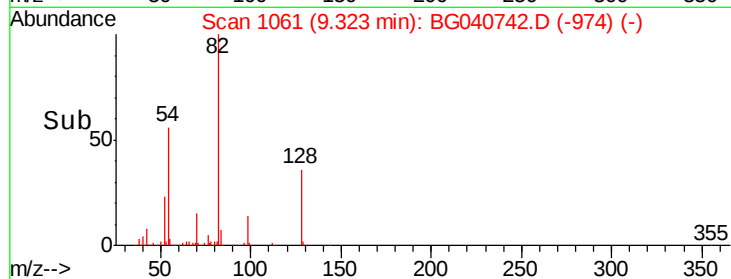
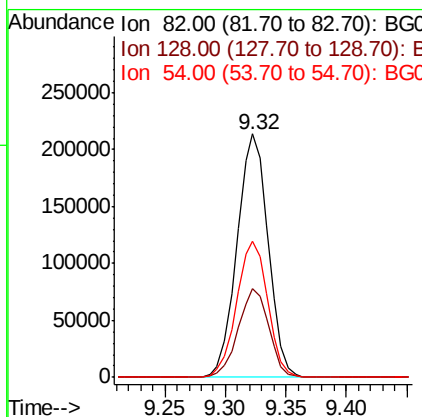
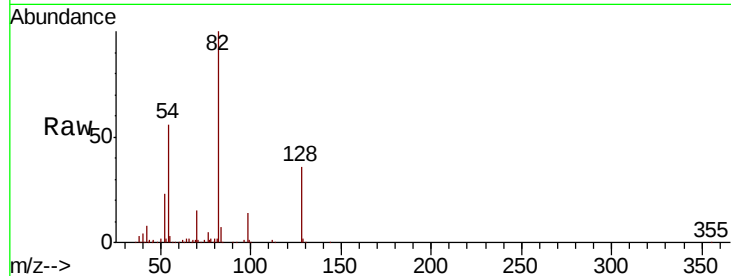




#23
Nitrobenzene-d5
Concen: 128.074 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040742.D
Acq: 4 May 2019 2:04

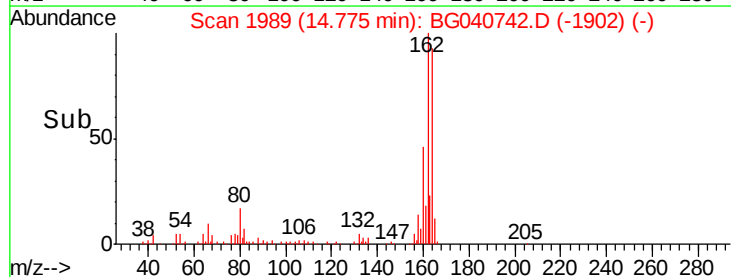
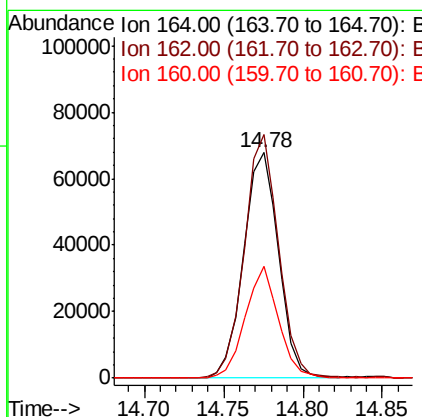
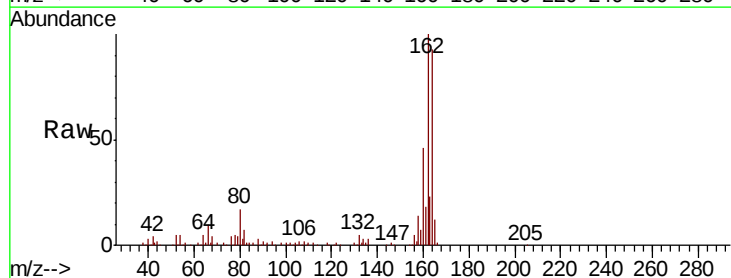
Instrument :
BNA_G
ClientSampleId :
FILTERBAG-RO

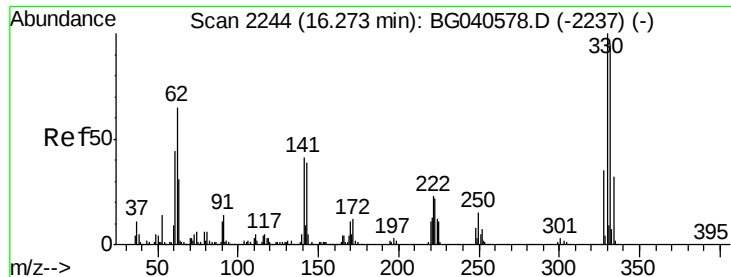
Tot Ion	82	Resp	384767
Ion Ratio	Lower	Upper	
82	100		
128	36.3	28.9	43.3
54	56.0	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG040742.D
Acq: 4 May 2019 2:04

Tgt Ion	164	Resp	103736
Ion Ratio	Lower	Upper	
164	100		
162	108.1	81.9	122.9
160	49.5	35.4	53.2

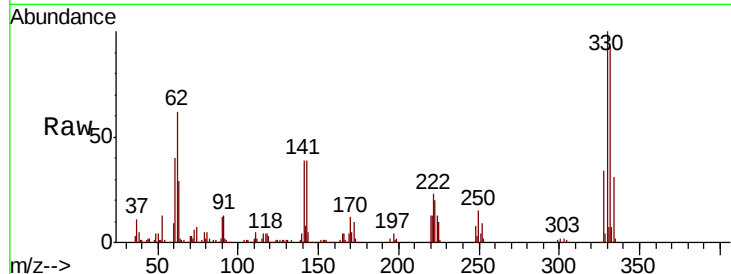




#42
 2,4,6-Tribromophenol
 Concen: 139.314 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040742.D
 Acq: 4 May 2019 2:04

Instrument :
 BNA_G
 ClientSampleId :
 FILTERBAG-RO

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	75.9	113.9
141	38.6	32.4	48.6

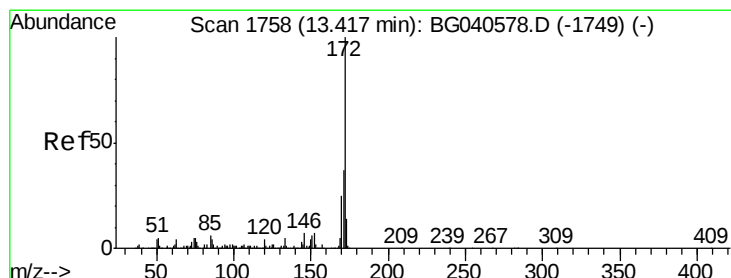
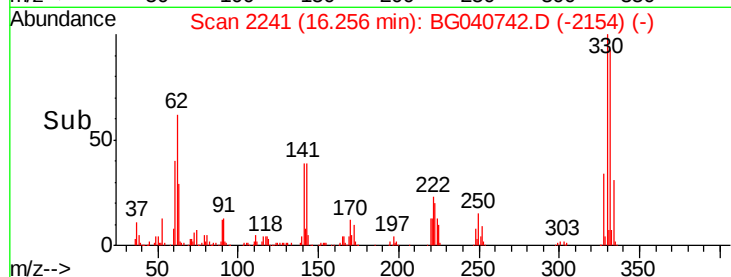
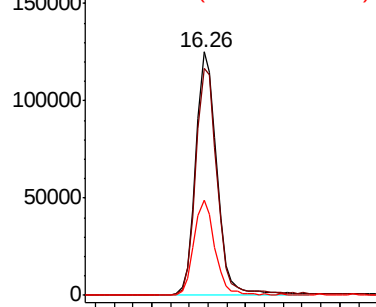


Abundance

Ion 329.80 (329.50 to 330.50): E

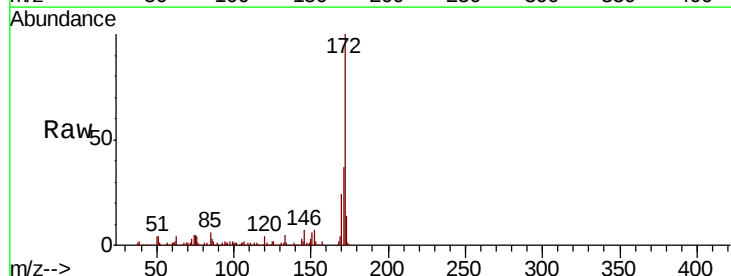
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 118.373 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG040742.D
 Acq: 4 May 2019 2:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.2
170	24.4	19.9	29.9

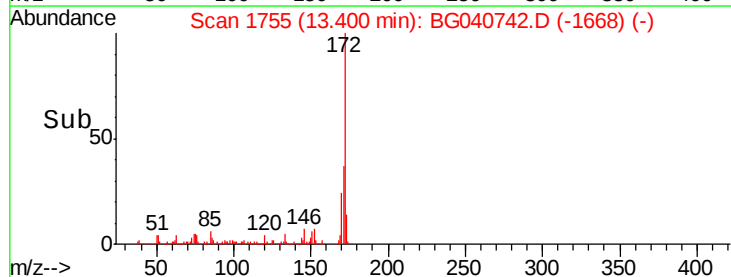
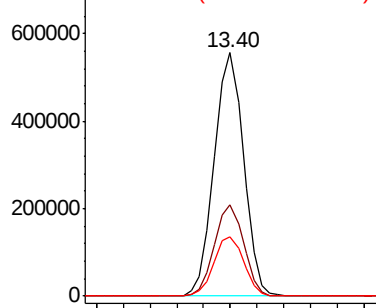


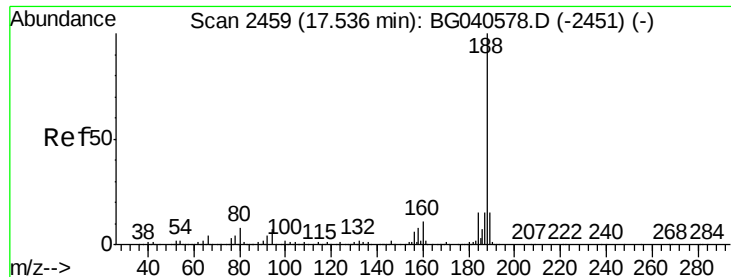
Abundance

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

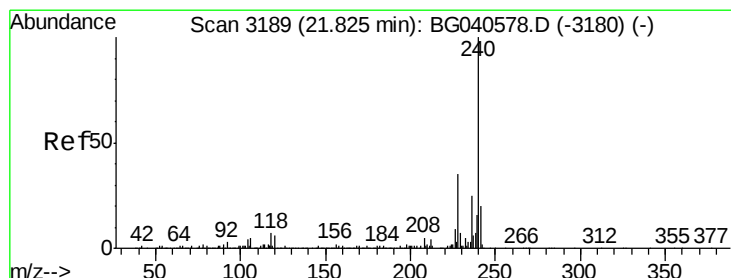
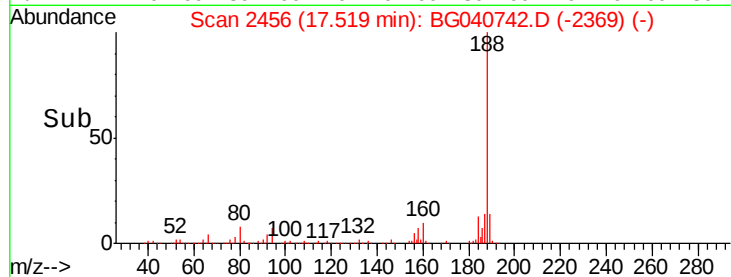
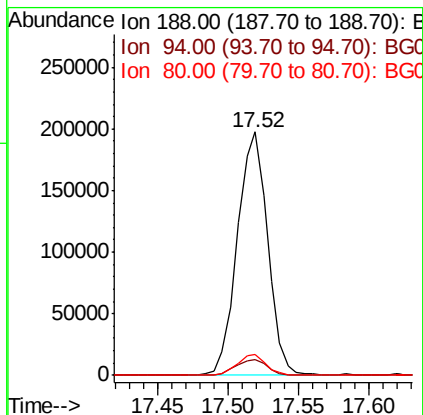
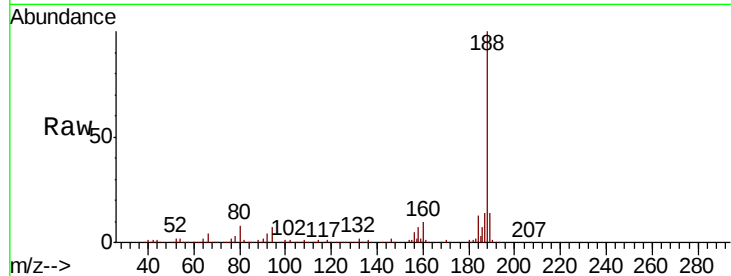




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040742.D
Acq: 4 May 2019 2:04

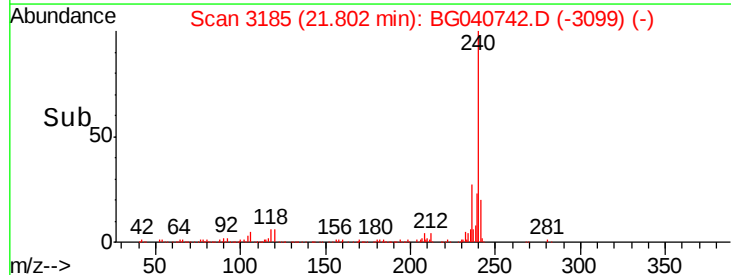
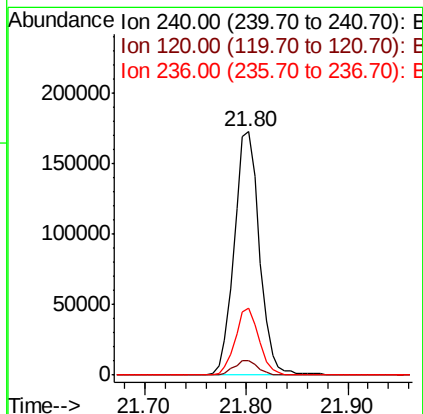
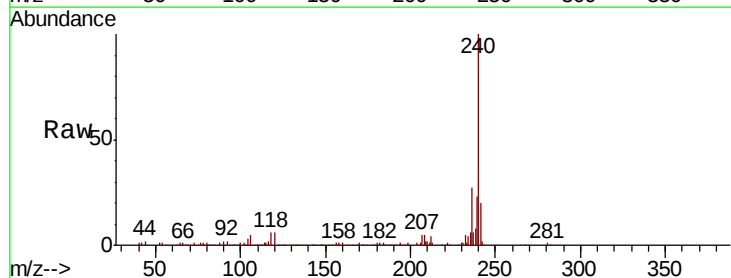
Instrument :
BNA_G
ClientSampleId :
FILTERBAG-RO

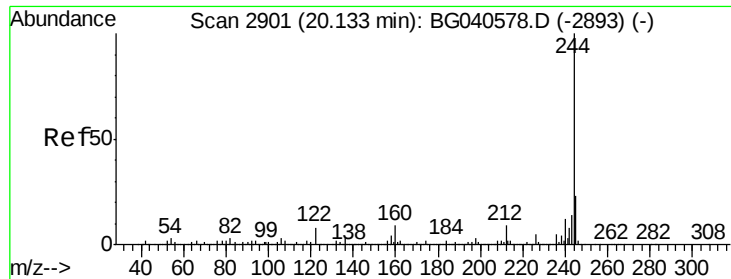
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.6	8.4
80	8.5	6.4	9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.02 min
Lab File: BG040742.D
Acq: 4 May 2019 2:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.0	7.6
236	27.4	20.3	30.5





#79

Terphenyl-d14

Concen: 132.097 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040742.D

Acq: 4 May 2019 2:04

Instrument :

BNA_G

ClientSampleId :

FILTERBAG-RO

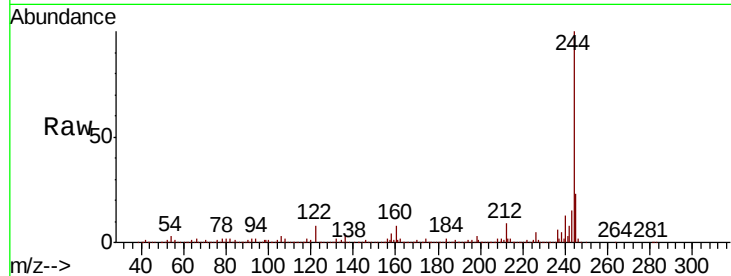
Tot Ion:244 Resp: 1780711

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

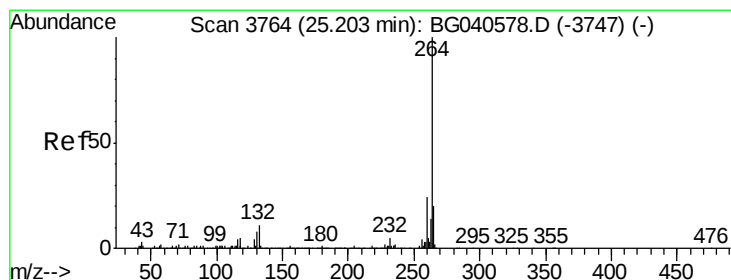
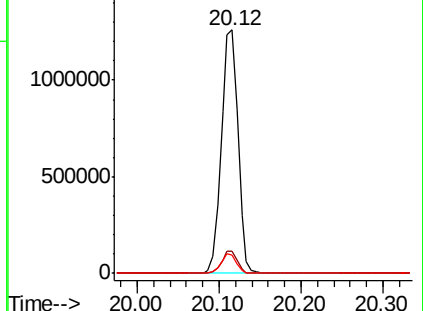
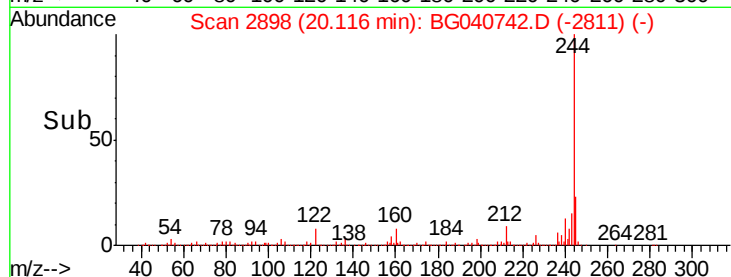
122 7.5 6.6 10.0



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: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040742.D

Acq: 4 May 2019 2:04

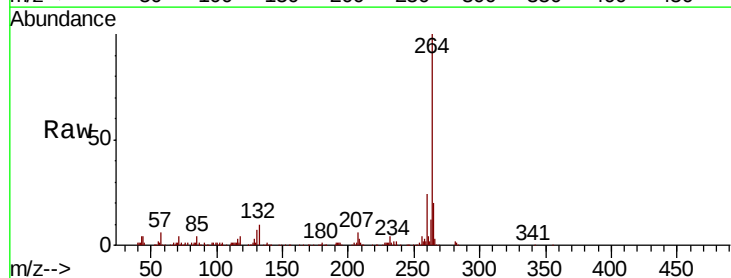
Tgt Ion:264 Resp: 297866

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.0 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

