

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
 Data File : BG040971.D
 Acq On : 31 May 2019 4:25
 Operator : HP/JU
 Sample : K3041-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-D

Quant Time: May 31 06:34:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

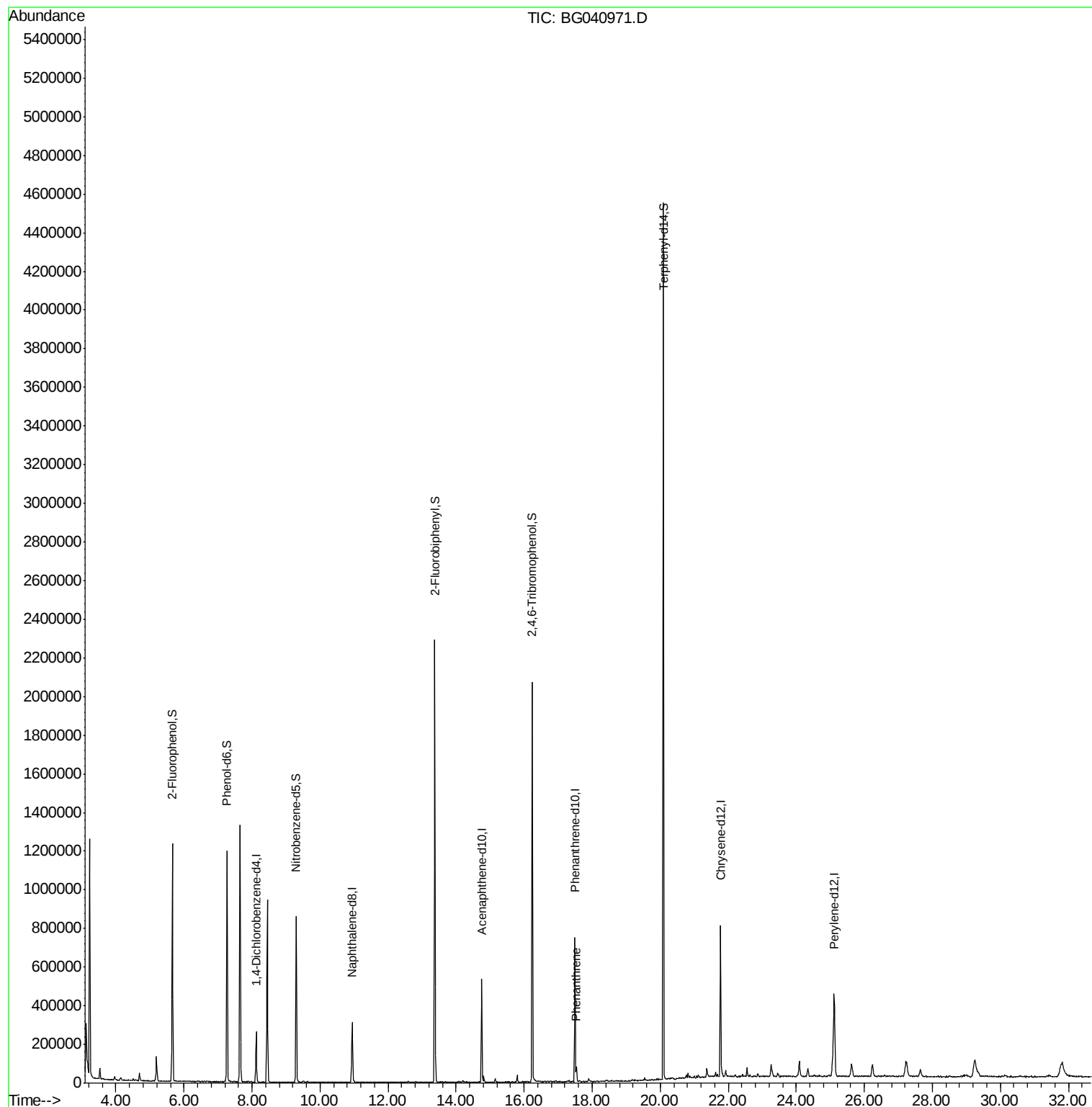
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	66319	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	255766	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	181088	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	477729	20.00	ng	0.00
76) Chrysene-d12	21.78	240	474438	20.00	ng	0.00
87) Perylene-d12	25.11	264	506848	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	470014	127.80	ng	0.00
7) Phenol-d6	7.26	99	620197	109.19	ng	0.00
23) Nitrobenzene-d5	9.30	82	518926	90.07	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	382782	142.38	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1115557	88.71	ng	0.00
79) Terphenyl-d14	20.09	244	2009834	89.91	ng	0.00
Target Compounds						
71) Phenanthrene	17.53	178	50816	2.042	ng	Qvalue 96

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

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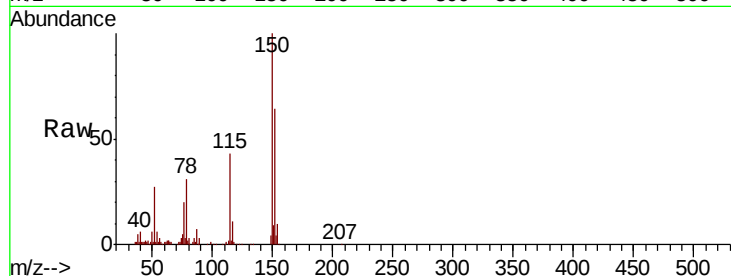


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG040971.D
Acq: 31 May 2019 4:25

Instrument :
BNA_G
ClientSampleId :
TP-2-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	120.6	180.8
115	66.4	45.1	67.7

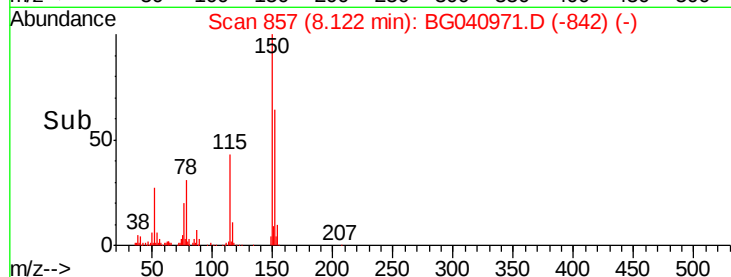
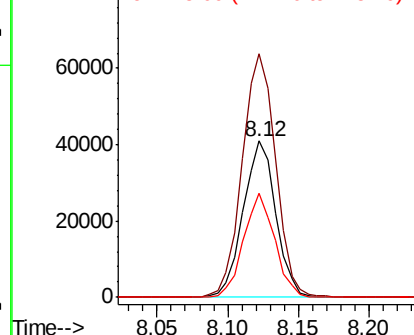


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

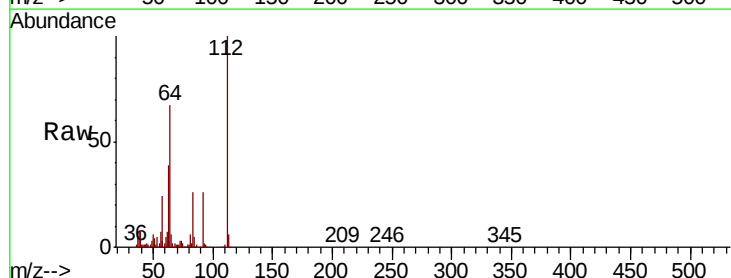
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 127.797 ng
RT: 5.66 min Scan# 438
Delta R.T. 0.00 min
Lab File: BG040971.D
Acq: 31 May 2019 4:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	56.2	84.2
63	38.9	32.8	49.2

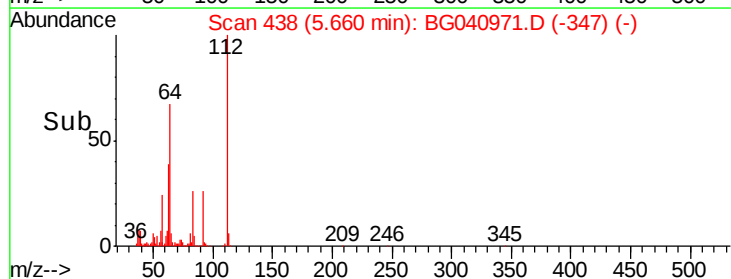
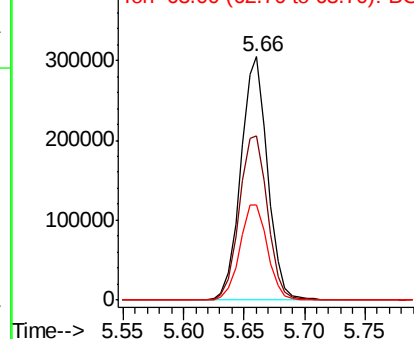


Abundance

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: 109.189 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG040971.D

Acq: 31 May 2019 4:25

Instrument :

BNA_G

ClientSampleId :

TP-2-D

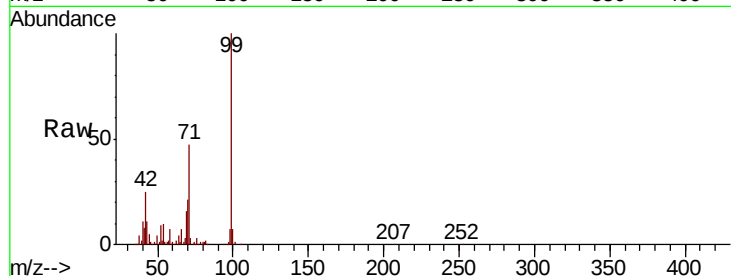
Tot Ion: 99 Resp: 620197

Ion Ratio Lower Upper

99 100

42 25.0 17.9 26.9

71 46.7 35.4 53.0

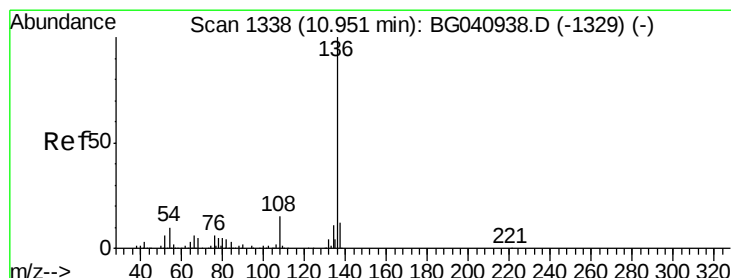
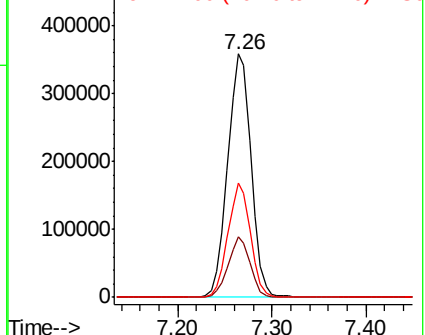
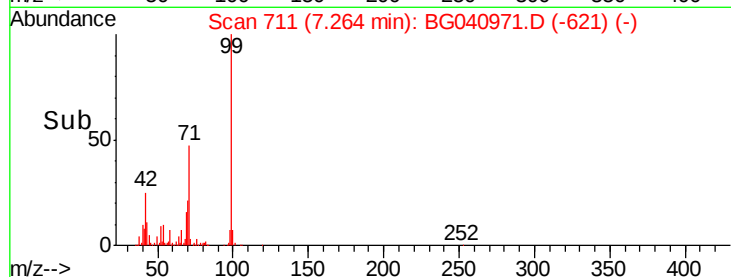


Abundance

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: 10.94 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BG040971.D

Acq: 31 May 2019 4:25

Tgt Ion: 136 Resp: 255766

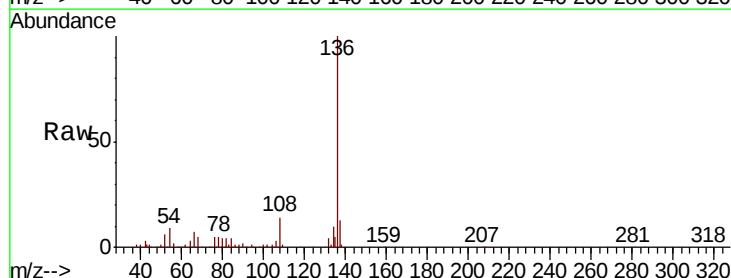
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 9.4 7.6 11.4

68 5.3 3.9 5.9



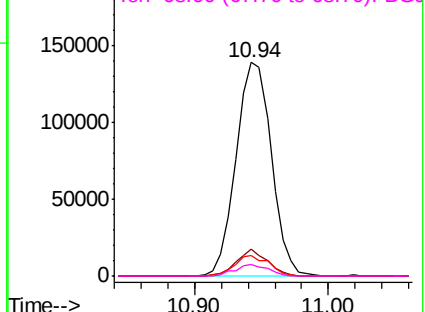
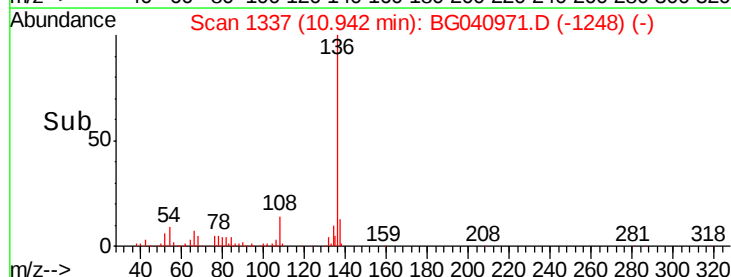
Abundance

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

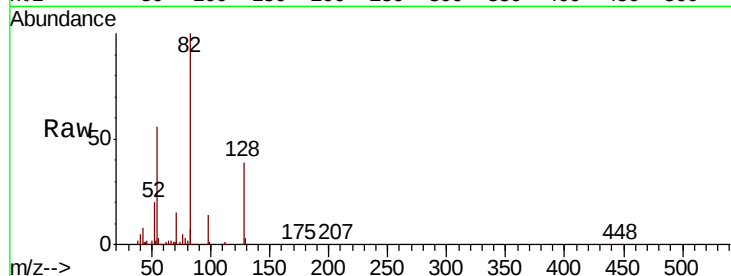




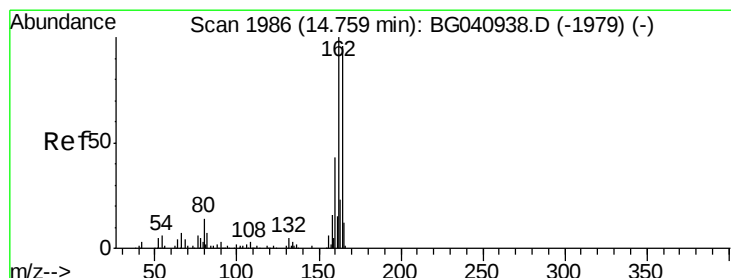
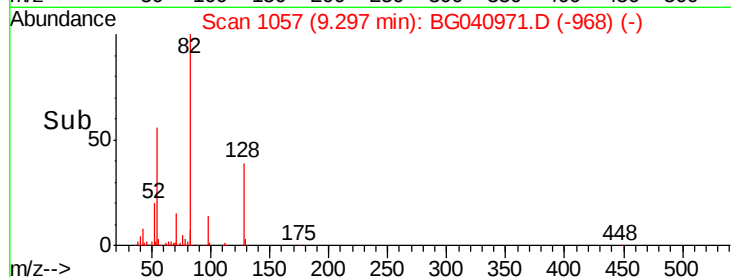
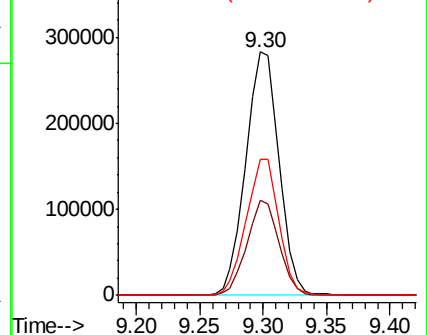
#23
 Nitrobenzene-d5
 Concen: 90.071 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG040971.D
 Acq: 31 May 2019 4:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-D

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.5	45.7
54	55.8	44.6	66.8

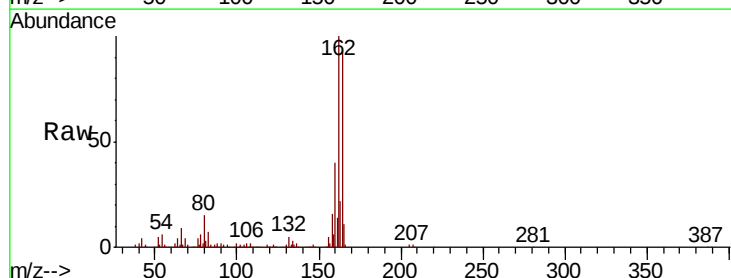


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

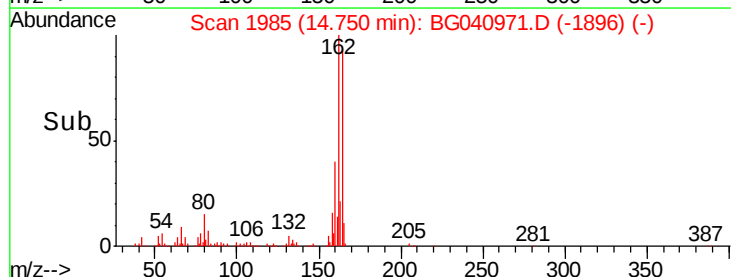
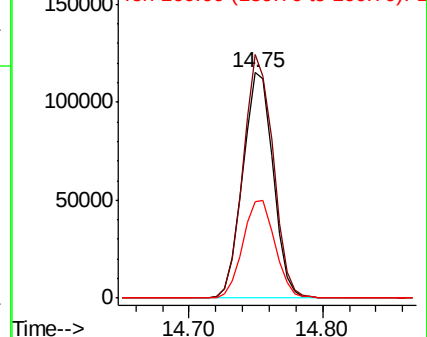


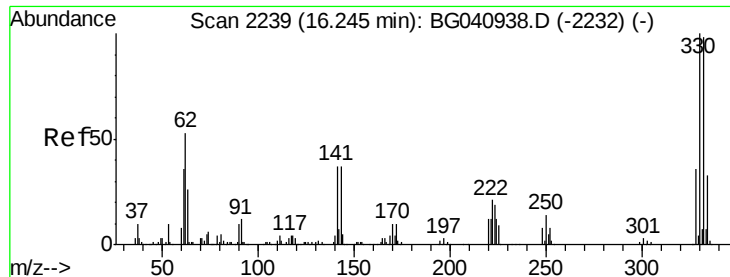
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG040971.D
 Acq: 31 May 2019 4:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.9	83.0	124.4
160	42.8	35.6	53.4



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

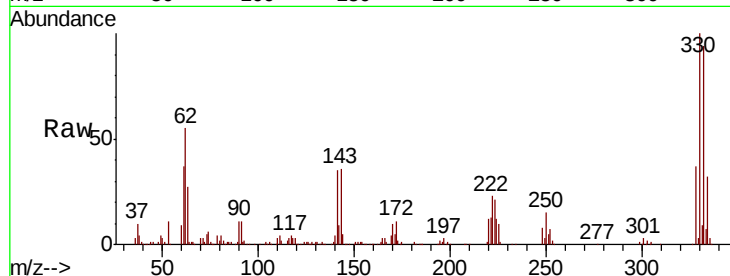




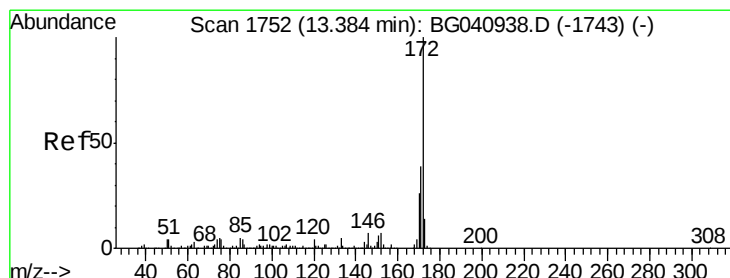
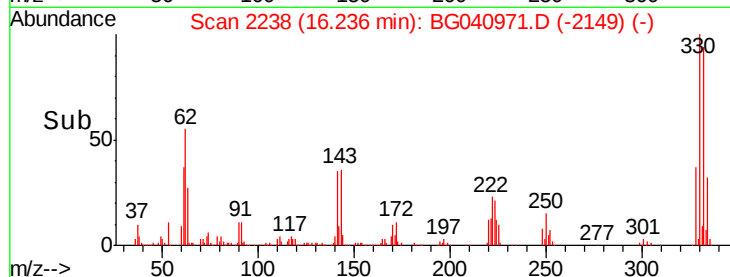
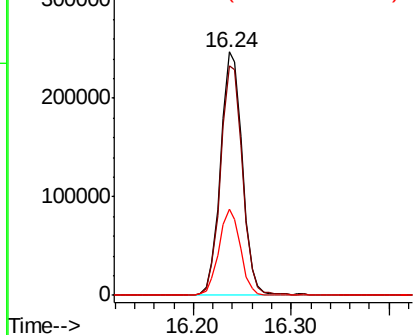
#42
 2,4,6-Tribromophenol
 Concen: 142.384 ng
 RT: 16.24 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BG040971.D
 Acq: 31 May 2019 4:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-D

Tot Ion:330 Resp: 382782
 Ion Ratio Lower Upper
 330 100
 332 94.7 78.5 117.7
 141 34.8 28.7 43.1

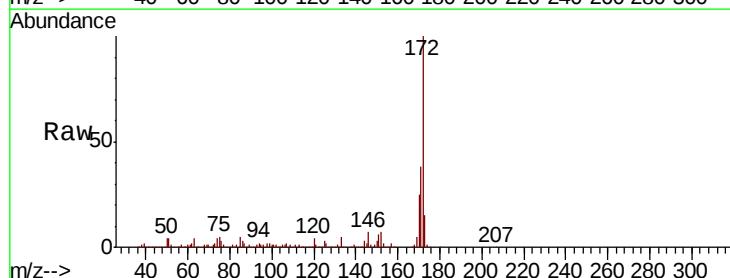


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

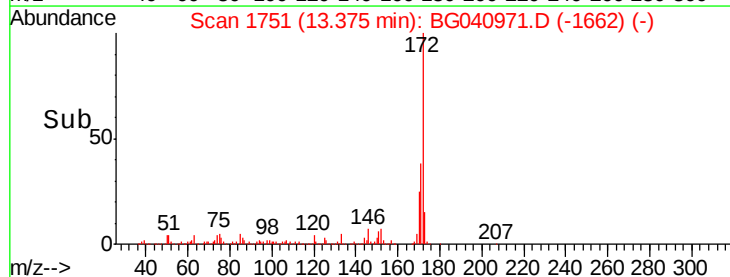
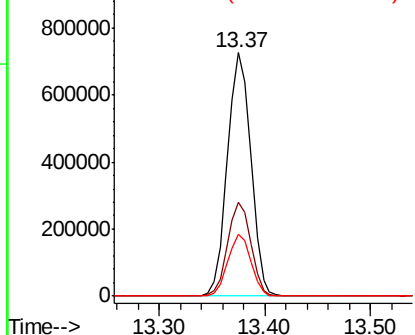


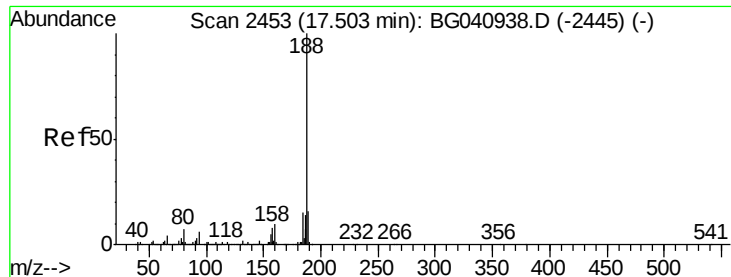
#45
 2-Fluorobiphenyl
 Concen: 88.715 ng
 RT: 13.37 min Scan# 1751
 Delta R.T. -0.01 min
 Lab File: BG040971.D
 Acq: 31 May 2019 4:25

Tgt Ion:172 Resp: 1115557
 Ion Ratio Lower Upper
 172 100
 171 38.4 31.1 46.7
 170 25.3 20.5 30.7



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: 17.49 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG040971.D

Acq: 31 May 2019 4:25

Instrument :

BNA_G

ClientSampleId :

TP-2-D

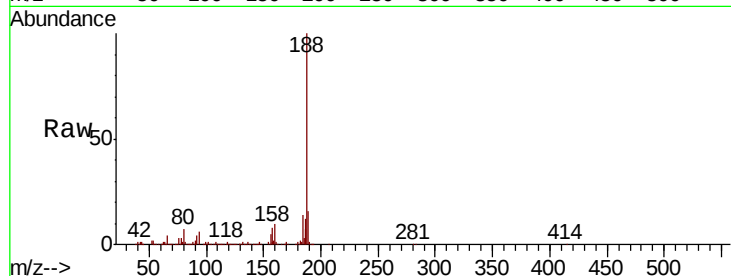
Tot Ion:188 Resp: 477729

Ion Ratio Lower Upper

188 100

94 5.6 4.7 7.1

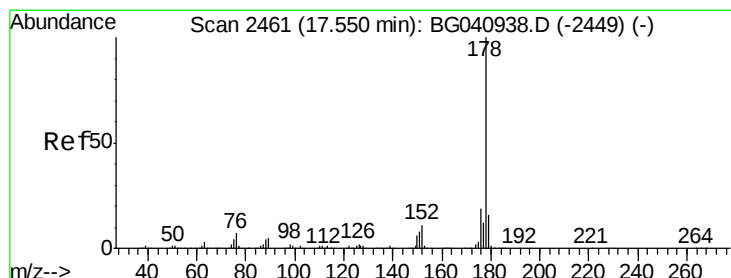
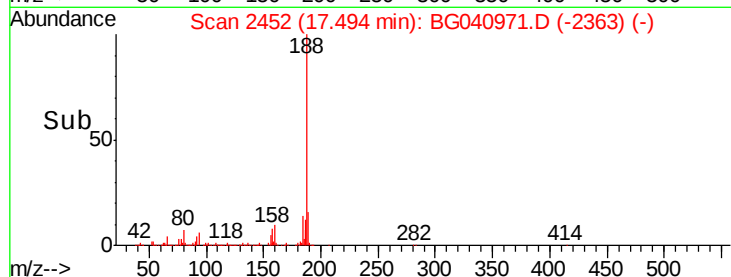
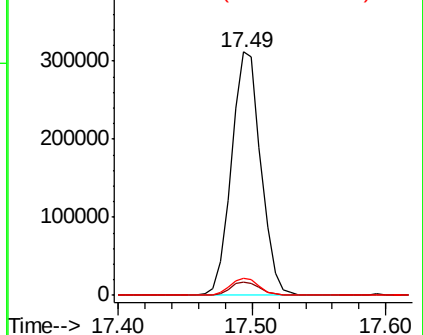
80 6.7 5.8 8.8



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



#71

Phenanthrene

Concen: 2.042 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BG040971.D

Acq: 31 May 2019 4:25

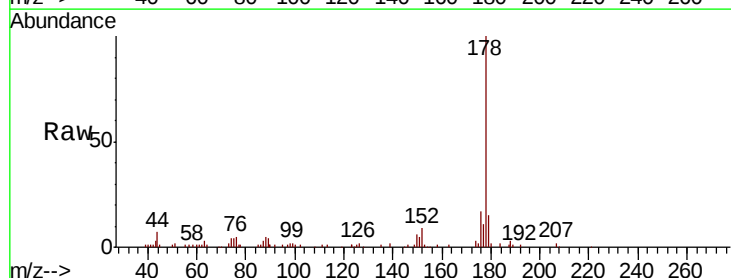
Tgt Ion:178 Resp: 50816

Ion Ratio Lower Upper

178 100

176 16.7 15.5 23.3

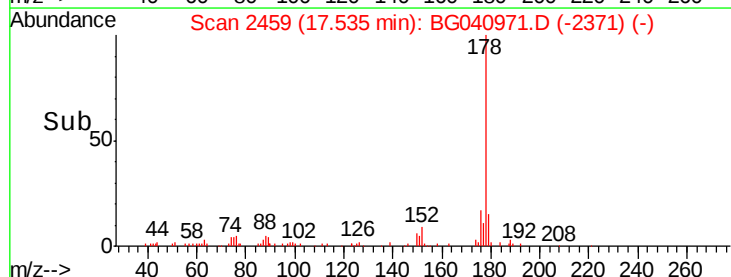
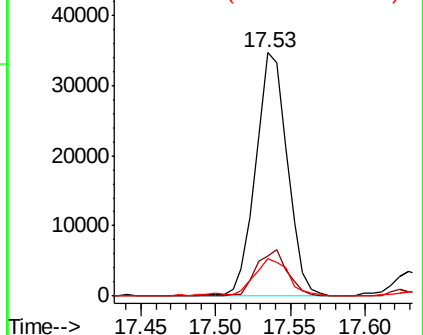
179 15.5 12.7 19.1

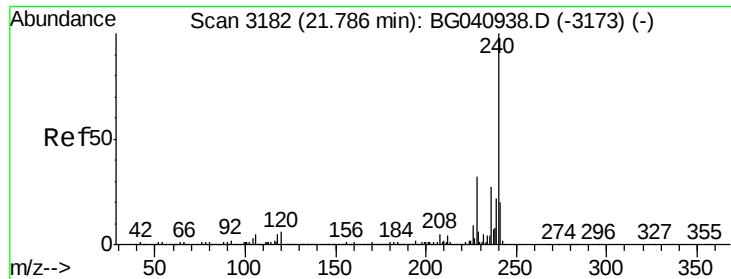


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

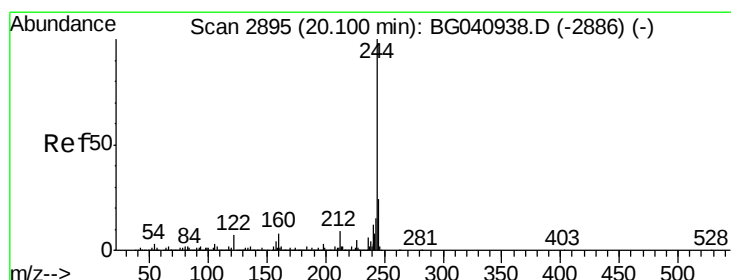
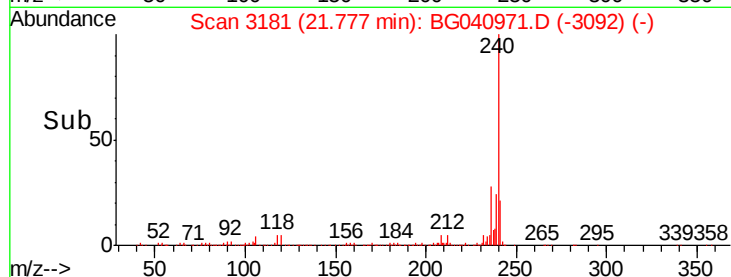
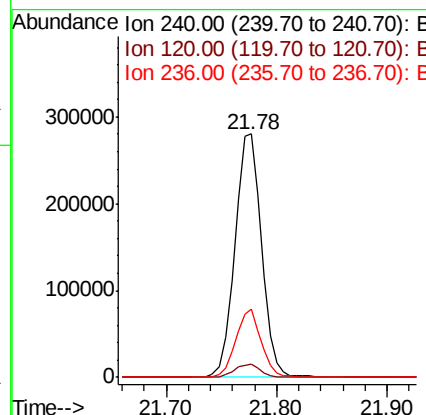
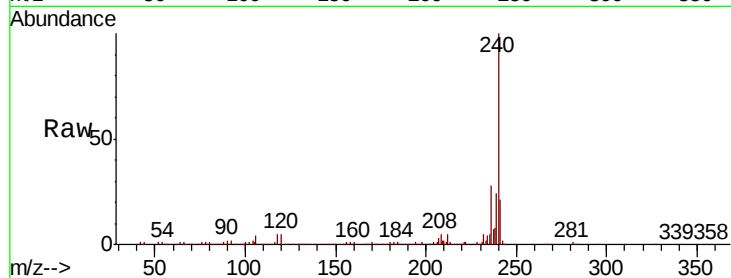




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.01 min
Lab File: BG040971.D
Acq: 31 May 2019 4:25

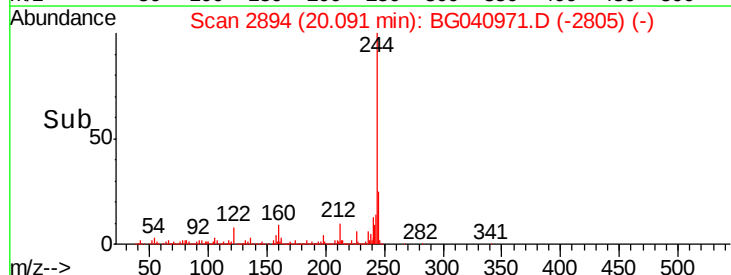
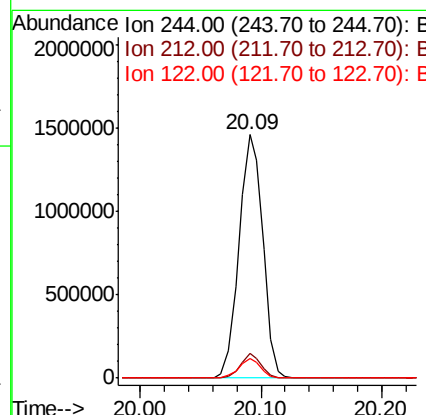
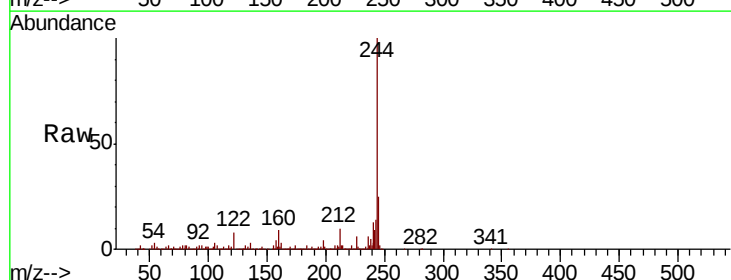
Instrument :
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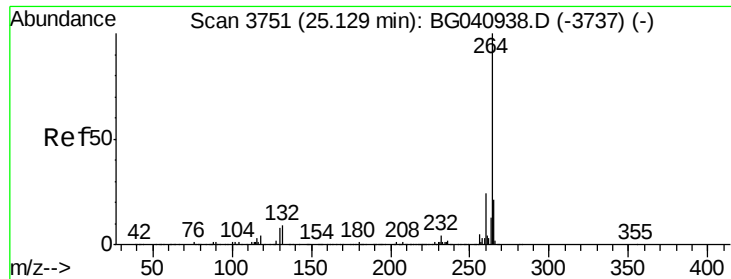
Tot Ion:240 Resp: 474438
Ion Ratio Lower Upper
240 100
120 5.4 4.5 6.7
236 27.8 21.3 31.9



#79
Terphenyl-d14
Concen: 89.908 ng
RT: 20.09 min Scan# 2894
Delta R.T. -0.01 min
Lab File: BG040971.D
Acq: 31 May 2019 4:25

Tgt Ion:244 Resp: 2009834
Ion Ratio Lower Upper
244 100
212 10.0 7.0 10.4
122 8.1 5.4 8.0#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3749
 Delta R.T. -0.01 min
 Lab File: BG040971.D
 Acq: 31 May 2019 4:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.4
265	21.0	17.0	25.4

