

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
 Data File : BG040964.D
 Acq On : 31 May 2019 00:00
 Operator : HP/JU
 Sample : K3090-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-D

Quant Time: May 31 04:48:35 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

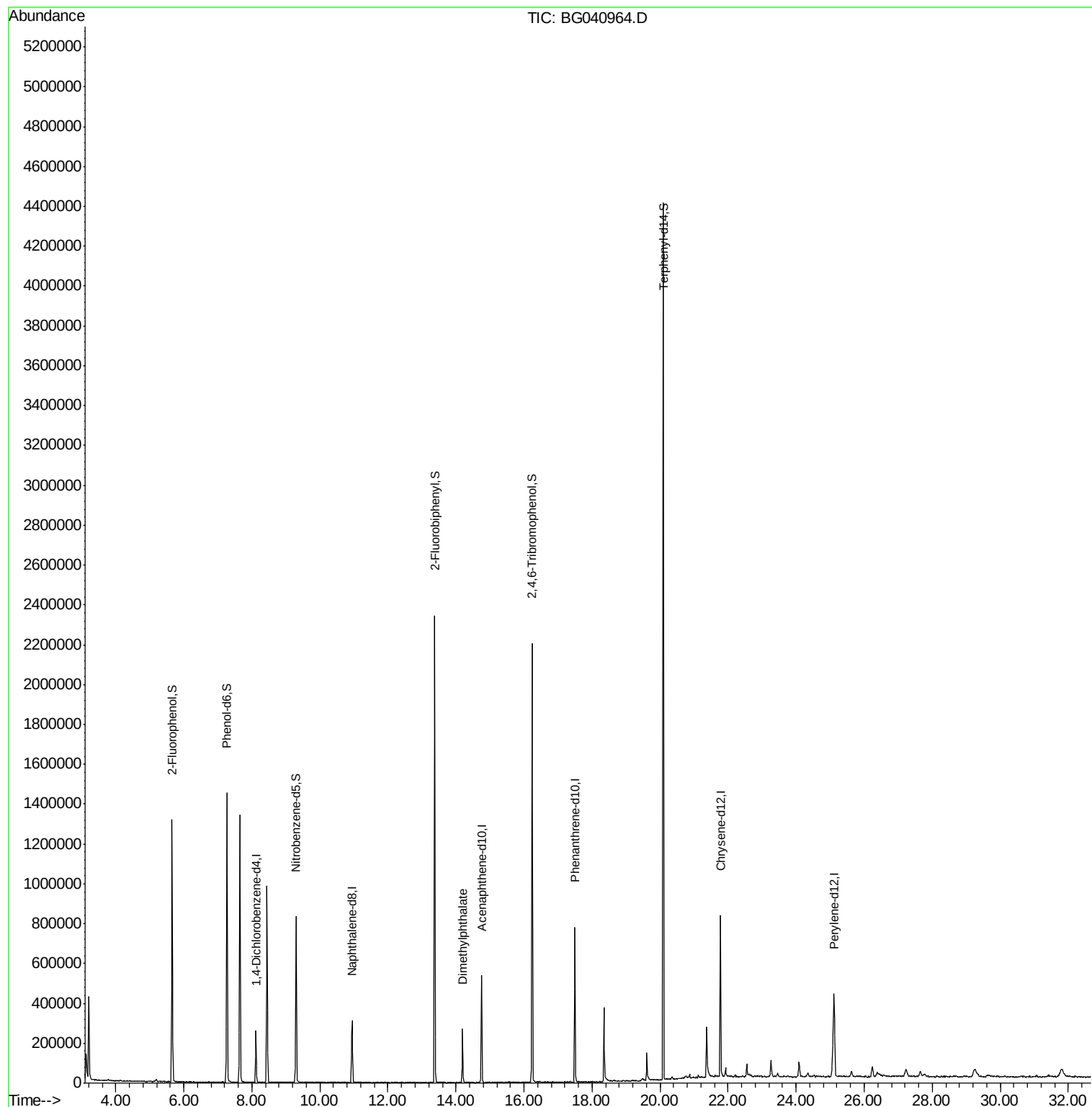
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	64578	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	253825	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	185720	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	489304	20.00	ng	0.00
76) Chrysene-d12	21.78	240	484919	20.00	ng	-0.01
87) Perylene-d12	25.12	264	505277	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	507545	141.72	ng	0.00
7) Phenol-d6	7.27	99	746338	134.94	ng	0.00
23) Nitrobenzene-d5	9.30	82	512382	89.61	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	407791m	147.90	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1176812	91.25	ng	0.00
79) Terphenyl-d14	20.09	244	2006652	87.83	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.19	163	175154	11.141	ng	Qvalue 98

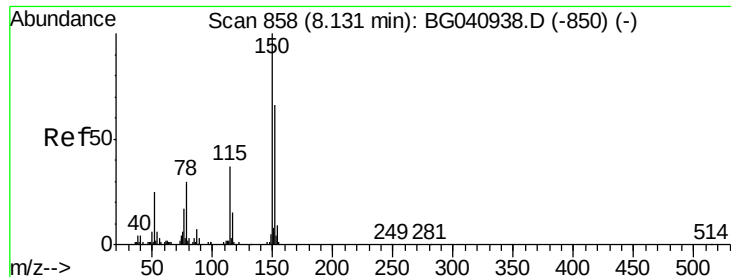
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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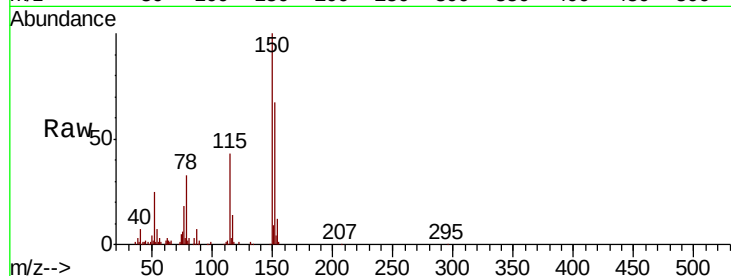


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Instrument :
BNA_G
ClientSampleId :
TP-4-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.7	120.6	180.8
115	63.5	45.1	67.7

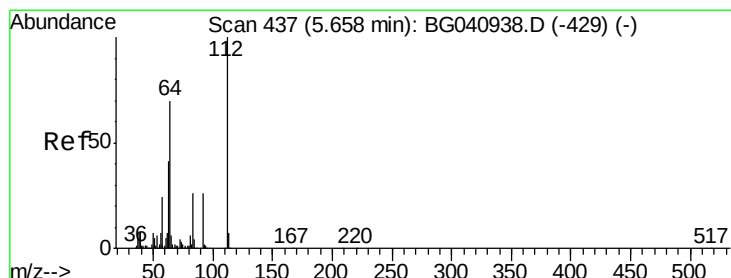
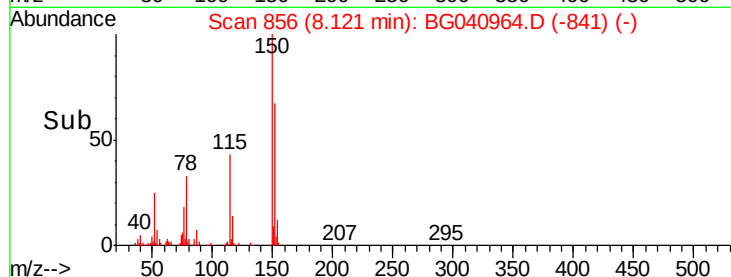
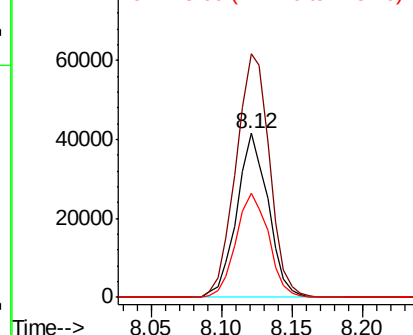


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

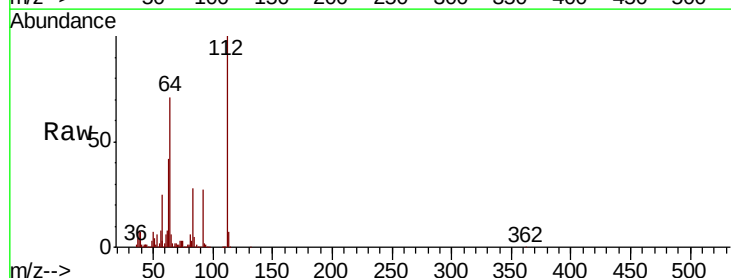
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 141.722 ng
RT: 5.66 min Scan# 437
Delta R.T. 0.00 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.9	56.2	84.2
63	41.7	32.8	49.2

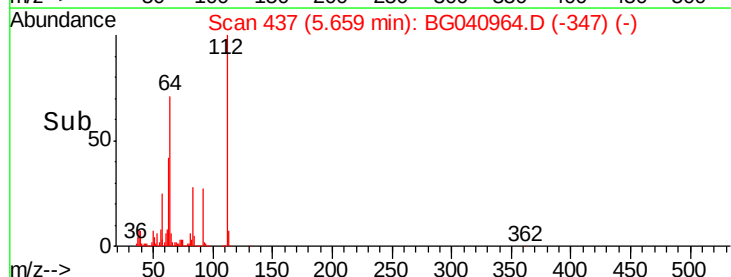
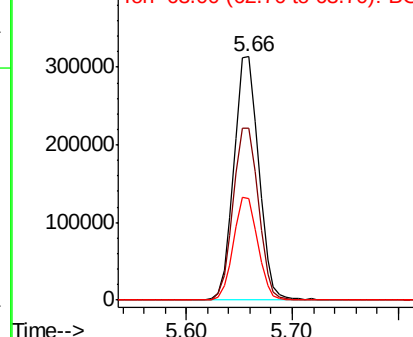


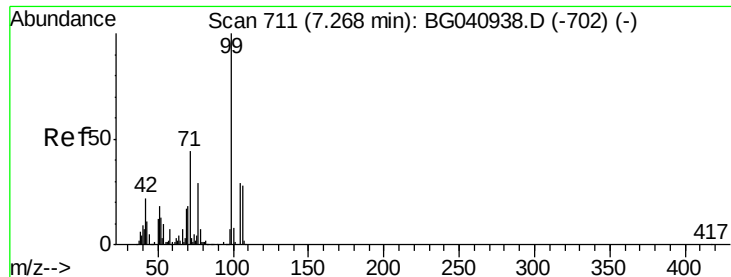
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 134.940 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG040964.D

Acq: 31 May 2019 00:00

Instrument :

BNA_G

ClientSampleId :

TP-4-D

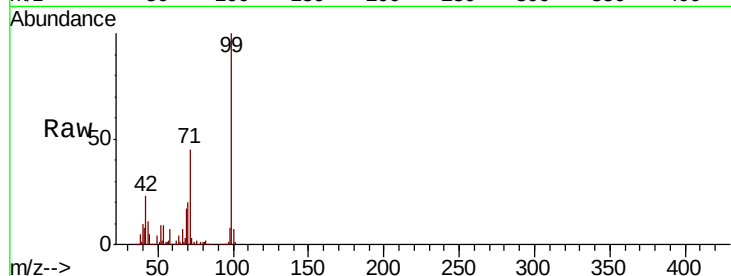
Tot Ion: 99 Resp: 746338

Ion Ratio Lower Upper

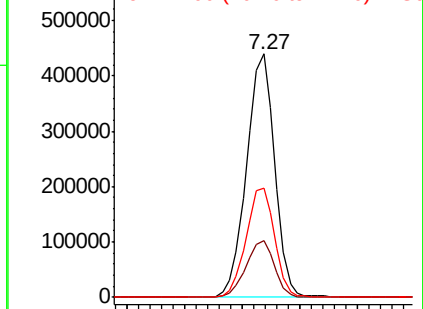
99 100

42 23.3 17.9 26.9

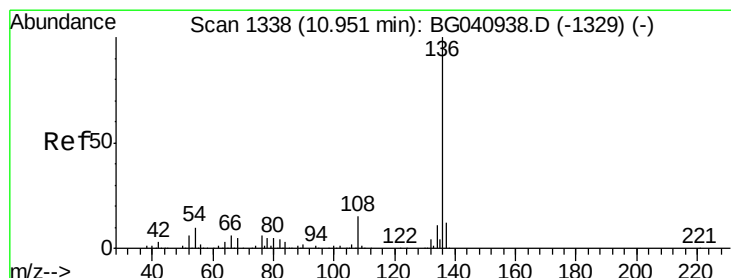
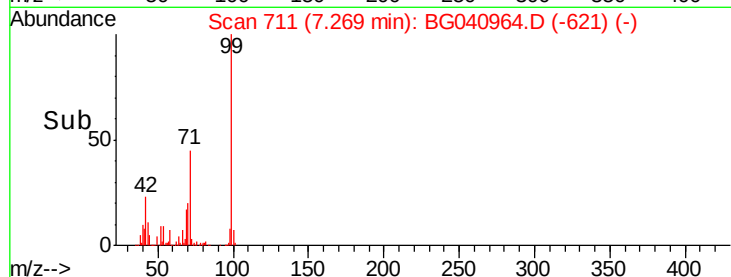
71 44.9 35.4 53.0



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



Time--> 7.15 7.20 7.25 7.30 7.35



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BG040964.D

Acq: 31 May 2019 00:00

Tgt Ion: 136 Resp: 253825

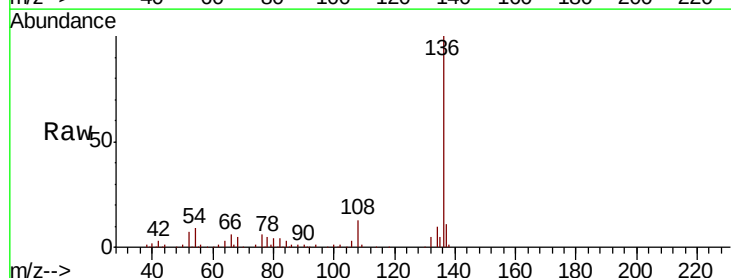
Ion Ratio Lower Upper

136 100

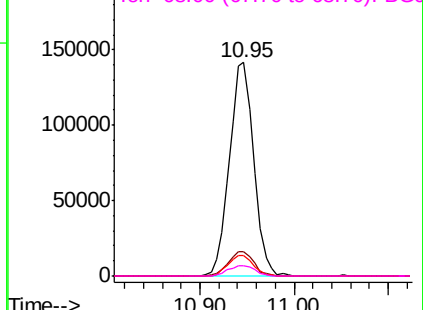
137 11.4 9.5 14.3

54 9.5 7.6 11.4

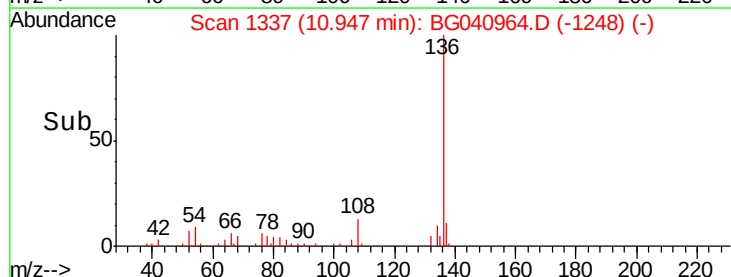
68 4.6 3.9 5.9

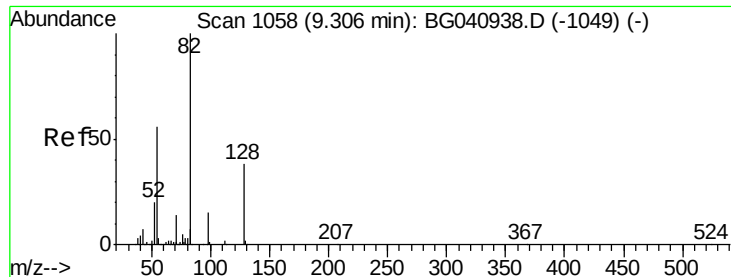


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time--> 10.90 11.00

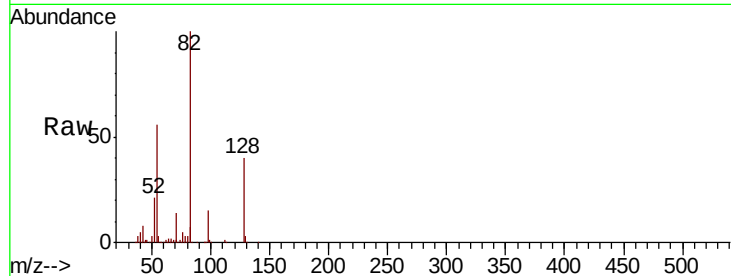




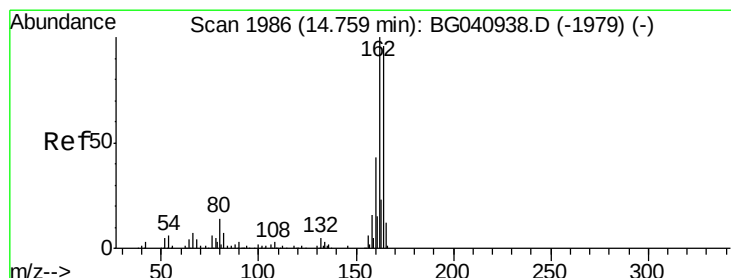
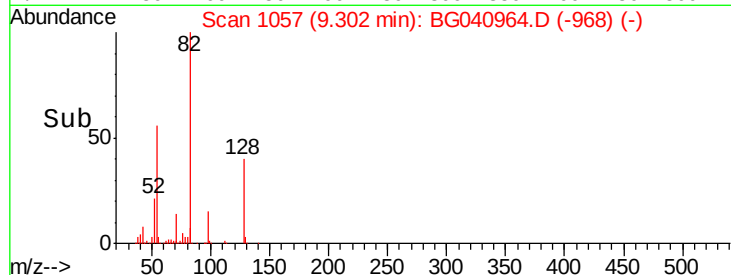
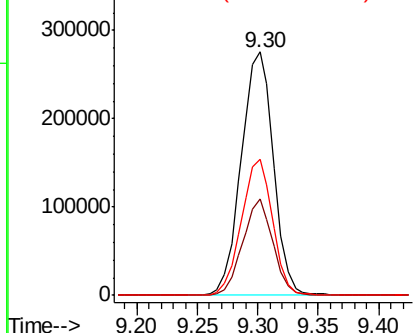
#23
Nitrobenzene-d5
Concen: 89.615 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Instrument :
BNA_G
ClientSampleId :
TP-4-D

Tot Ion	82	Resp	512382
Ion Ratio	Lower	Upper	
82	100		
128	39.7	30.5	45.7
54	55.9	44.6	66.8

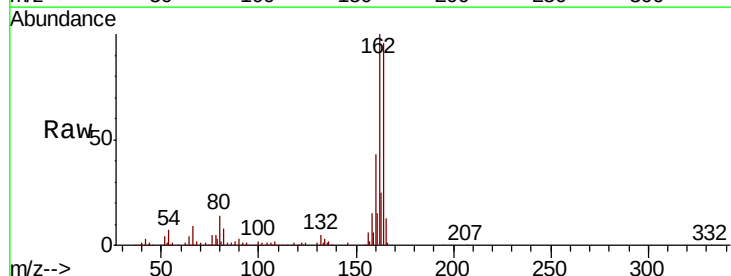


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

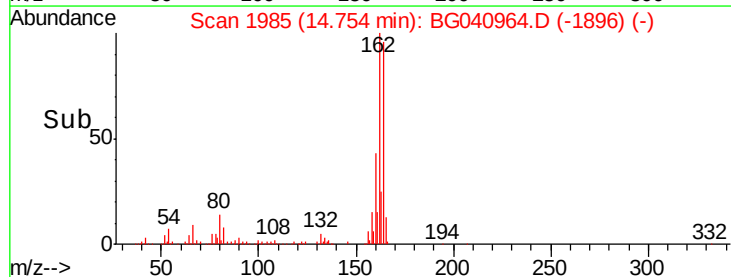
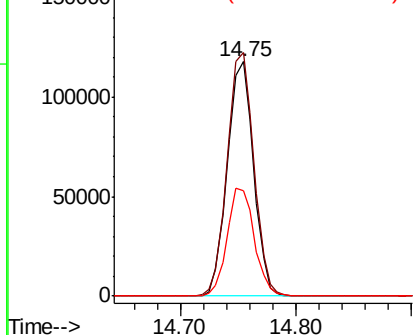


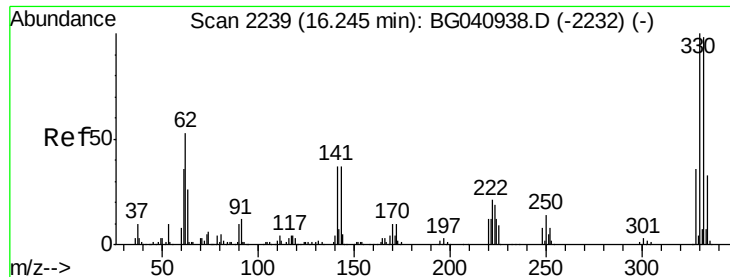
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Tgt Ion	164	Resp	185720
Ion Ratio	Lower	Upper	
164	100		
162	103.9	83.0	124.4
160	45.0	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

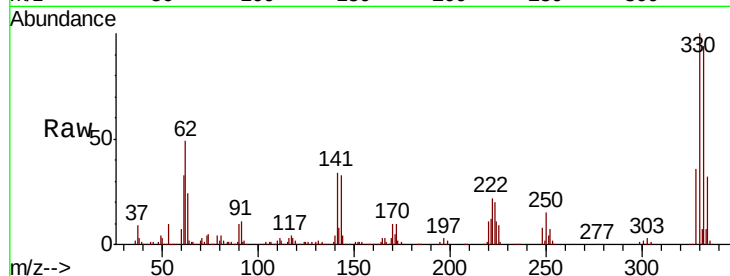




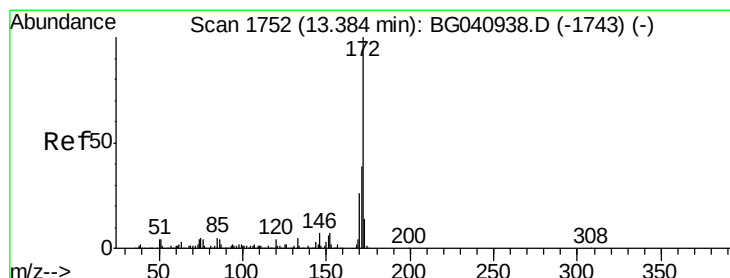
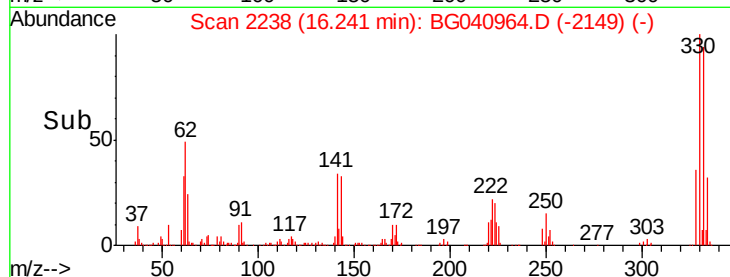
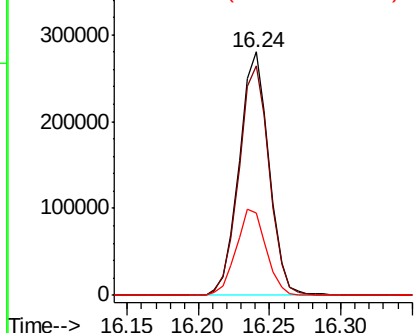
#42
 2,4,6-Tribromophenol
 Concen: 147.903 ng m
 RT: 16.24 min Scan# 2238
 Delta R.T. -0.00 min
 Lab File: BG040964.D
 Acq: 31 May 2019 00:00

Instrument :
 BNA_G
 ClientSampled :
 TP-4-D

Tot Ion:330 Resp: 407791
 Ion Ratio Lower Upper
 330 100
 332 0.0 78.5 117.7#
 141 0.0 28.7 43.1#

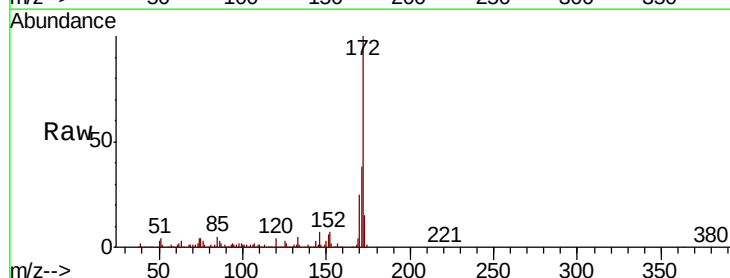


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

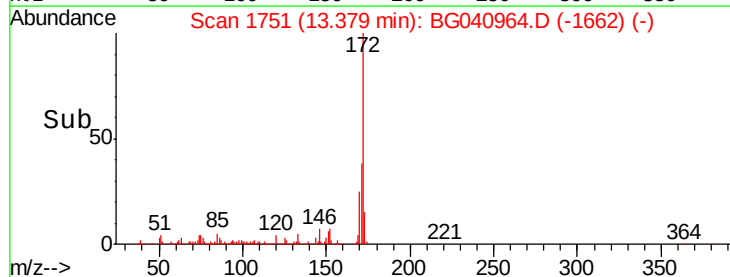
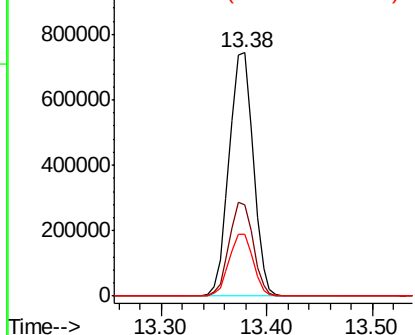


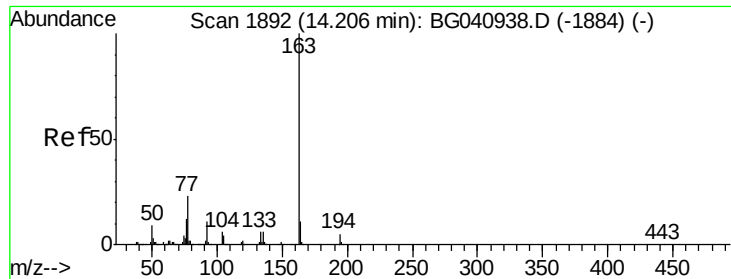
#45
 2-Fluorobiphenyl
 Concen: 91.252 ng
 RT: 13.38 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BG040964.D
 Acq: 31 May 2019 00:00

Tgt Ion:172 Resp: 1176812
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.1 46.7
 170 25.4 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





#50

Dimethylphthalate

Concen: 11.141 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.02 min

Lab File: BG040964.D

Acq: 31 May 2019 00:00

Instrument :

BNA_G

ClientSampleId :

TP-4-D

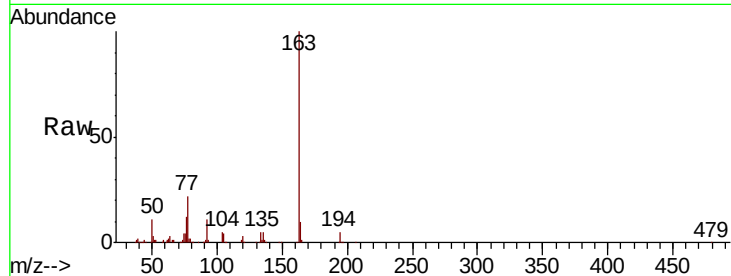
Tot Ion:163 Resp: 175154

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.8

164 9.8 8.7 13.1

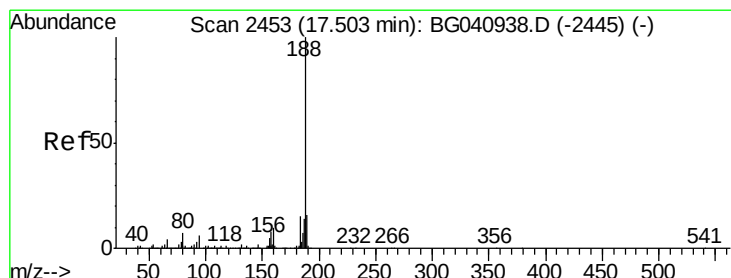
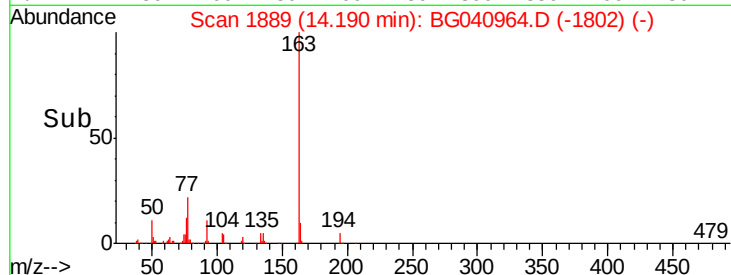
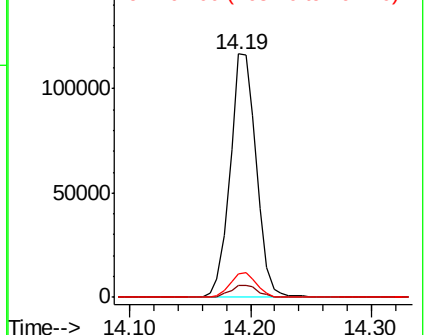


Abundance

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: 17.50 min Scan# 2452

Delta R.T. -0.00 min

Lab File: BG040964.D

Acq: 31 May 2019 00:00

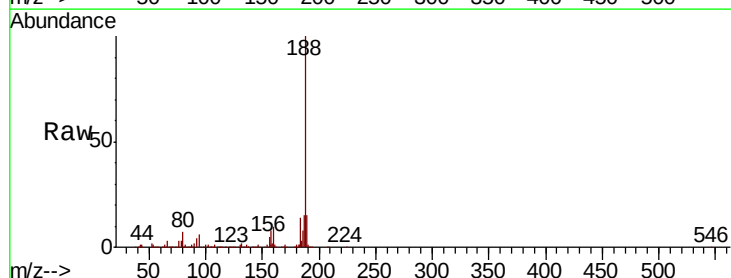
Tgt Ion:188 Resp: 489304

Ion Ratio Lower Upper

188 100

94 5.9 4.7 7.1

80 7.0 5.8 8.8

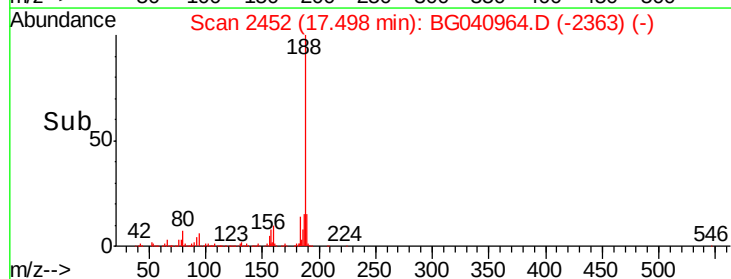
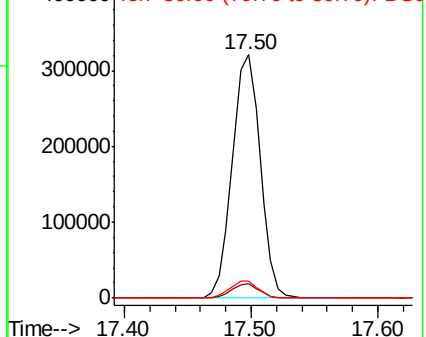


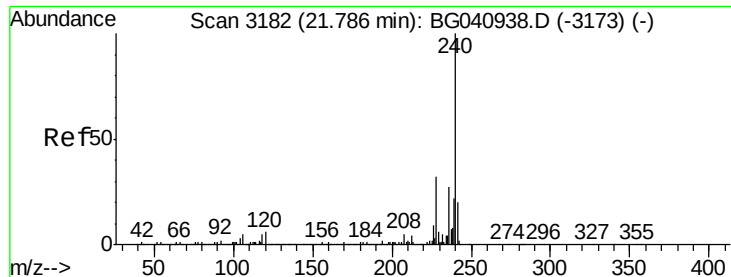
Abundance

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: 21.78 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG040964.D

Acq: 31 May 2019 00:00

Instrument :

BNA_G

ClientSampleId :

TP-4-D

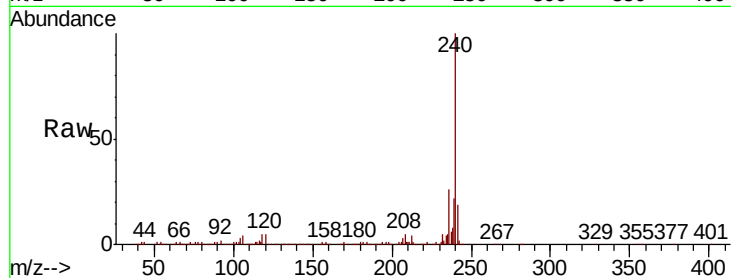
Tot Ion:240 Resp: 484919

Ion Ratio Lower Upper

240 100

120 5.0 4.5 6.7

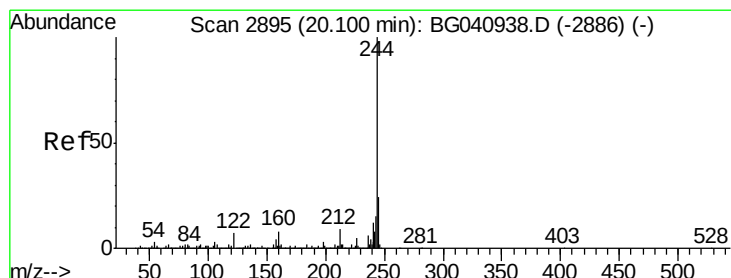
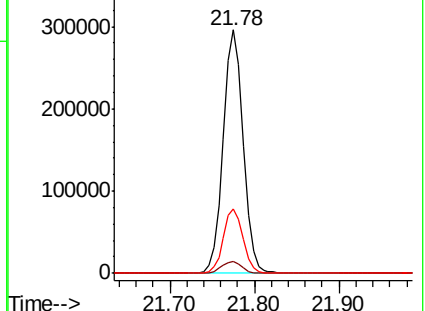
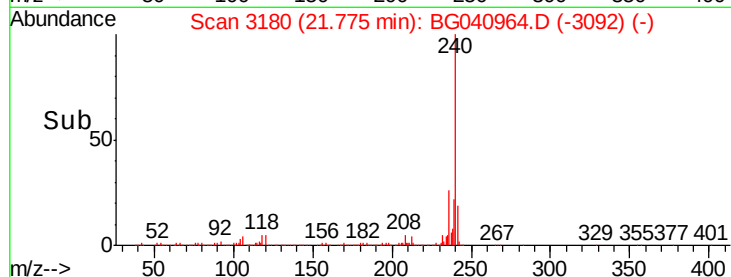
236 26.3 21.3 31.9



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: 87.825 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.00 min

Lab File: BG040964.D

Acq: 31 May 2019 00:00

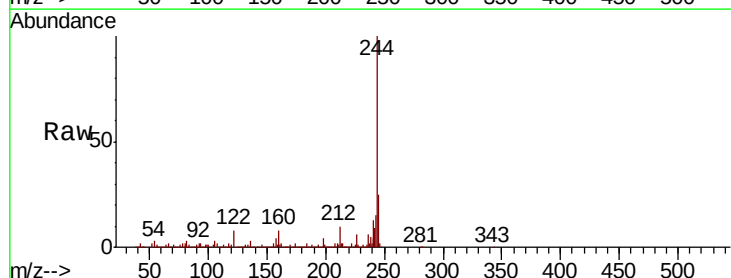
Tgt Ion:244 Resp: 2006652

Ion Ratio Lower Upper

244 100

212 9.7 7.0 10.4

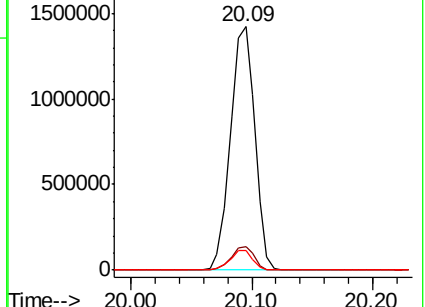
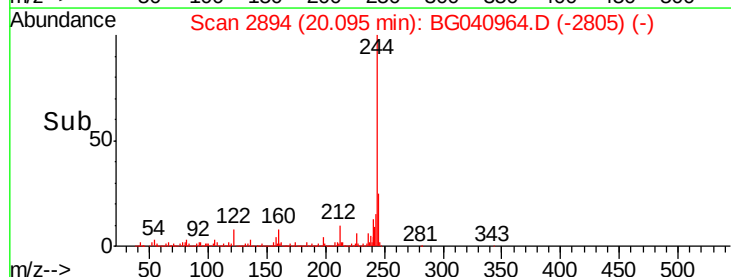
122 8.1 5.4 8.0#

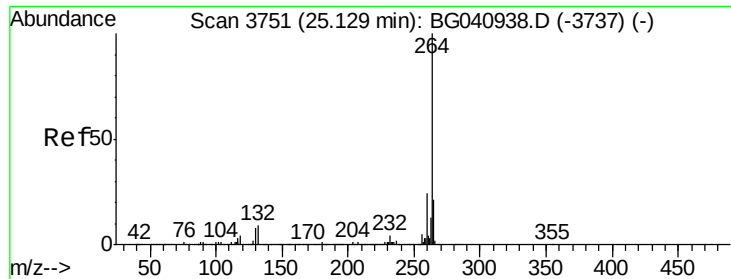


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

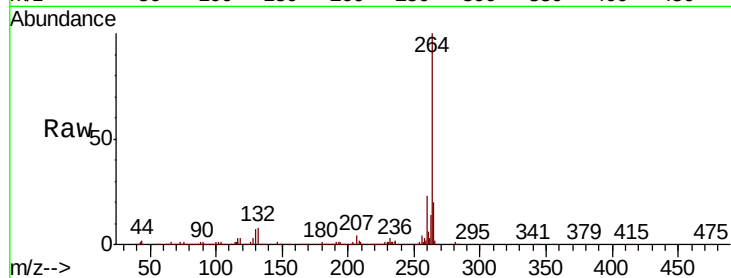




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3749
Delta R.T. -0.01 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Instrument :
BNA_G
ClientSampleId :
TP-4-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.4
265	20.3	17.0	25.4



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

