

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031819\
 Data File : BG039980.D
 Acq On : 18 Mar 2019 21:54
 Operator : JU/SJ
 Sample : K1903-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-3

Quant Time: Mar 19 07:50:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

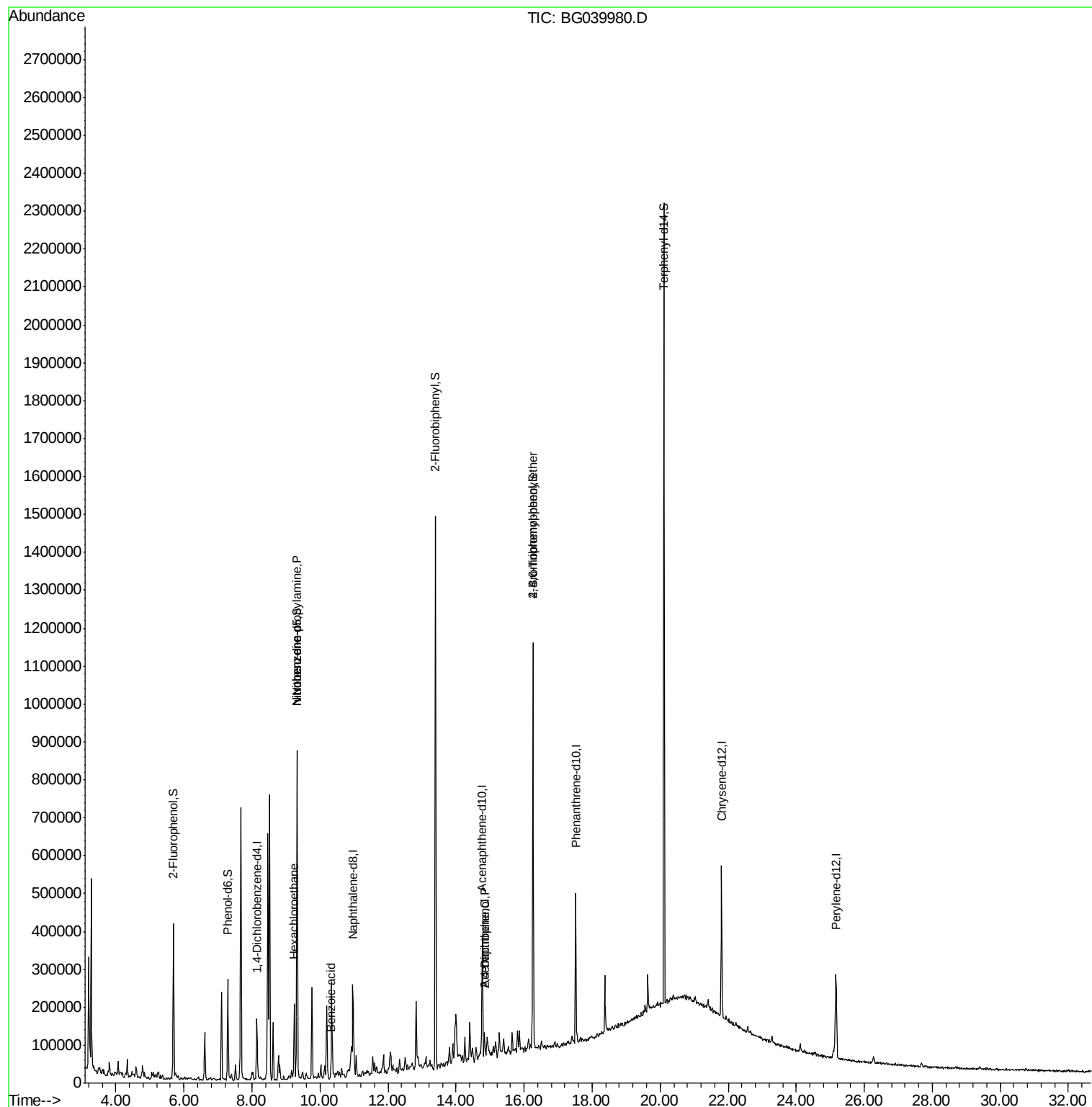
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	43260	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	174254	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	114657	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	240717	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	241631	20.00	ng	-0.02
87) Perylene-d12	25.16	264	251860	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	167671	66.12	ng	-0.02
7) Phenol-d6	7.29	99	151494	40.07	ng	-0.02
23) Nitrobenzene-d5	9.33	82	325772	101.11	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	183518	137.32	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	738102	91.66	ng	-0.02
79) Terphenyl-d14	20.11	244	982419	89.52	ng	-0.01
Target Compounds						
18) Hexachloroethane	9.25	117	54305	42.705	ng	# 36
19) n-Nitroso-di-n-propylamine	9.33	70	44886	16.494	ng	# 70
24) Nitrobenzene	9.33	77	11223	3.320	ng	# 1
32) Benzoic acid	10.30	122	54	6.625	ng	# 1
52) Acenaphthene	14.83	154	16978	2.422	ng	88
54) 2,4-Dinitrophenol	14.82	184	57	5.298	ng	# 1
67) 4-Bromophenyl-phenylether	16.26	248	14203	5.271	ng	# 1

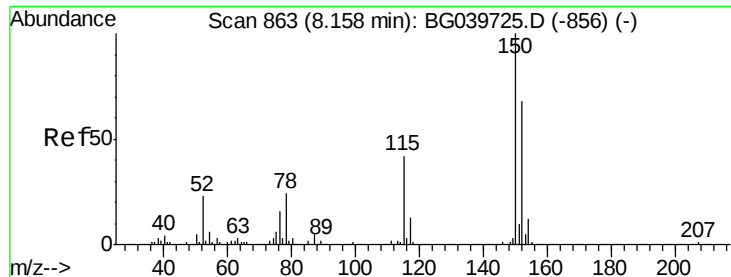
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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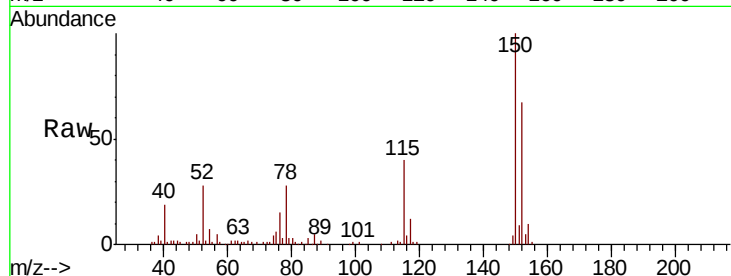


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Instrument :
BNA_G
ClientSampleId :
TW-3

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.1	123.7	185.5
115	59.3	45.9	68.9

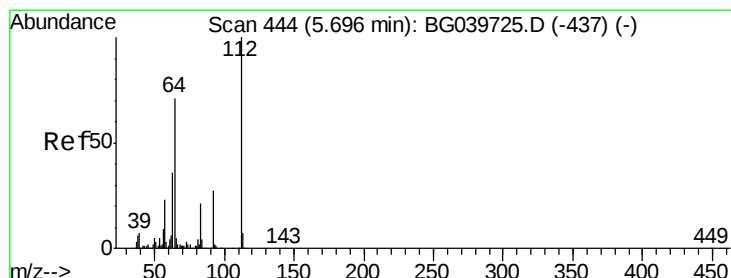
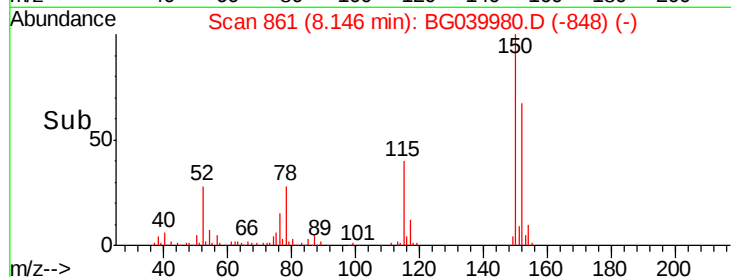
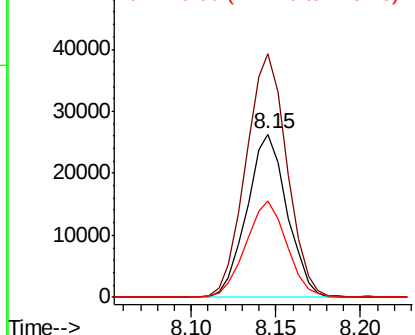


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

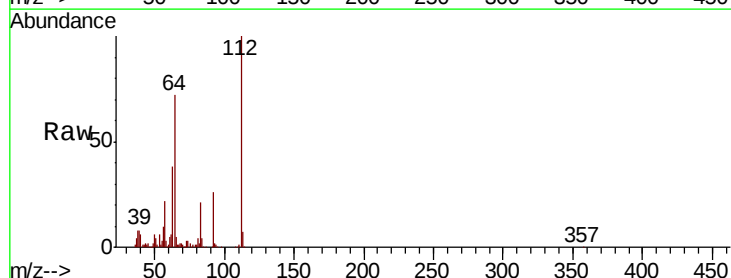
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 66.123 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	57.8	86.8
63	38.1	29.8	44.6

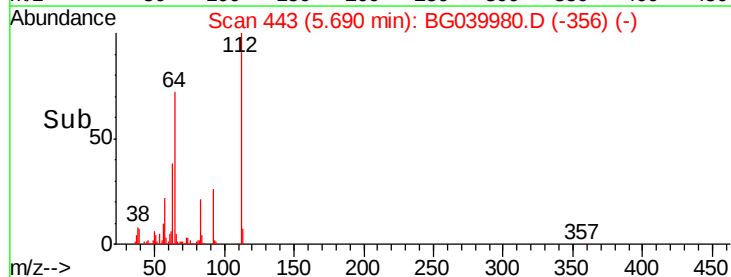
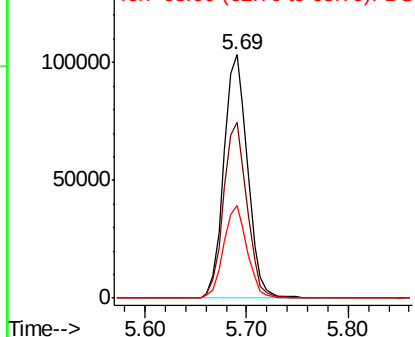


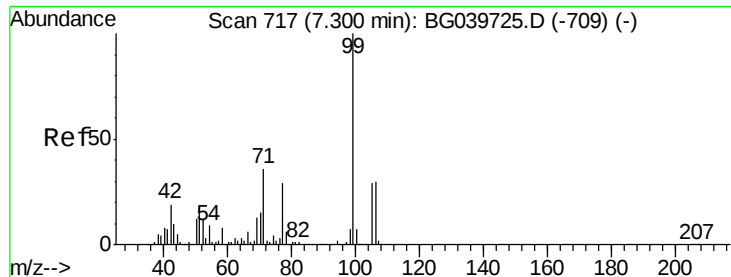
Abundance

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: 40.068 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039980.D

Acq: 18 Mar 2019 21:54

Instrument :

BNA_G

ClientSampleId :

TW-3

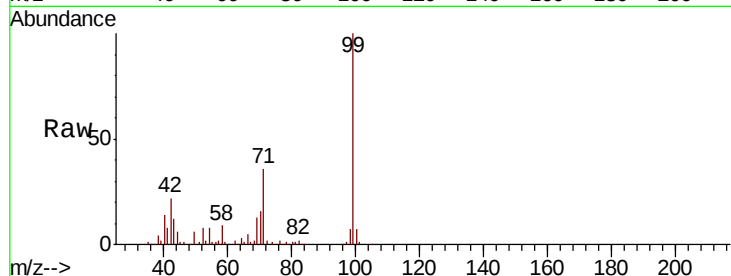
Tgt Ion: 99 Resp: 151494

Ion Ratio Lower Upper

99 100

42 21.8 18.2 27.2

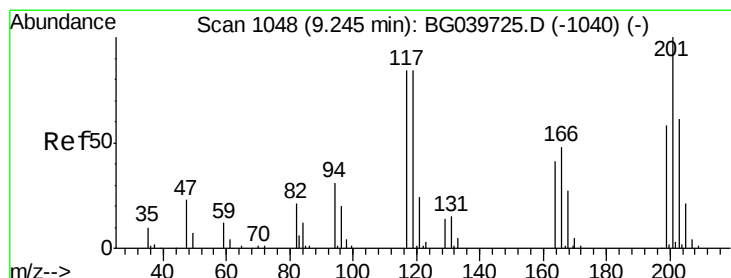
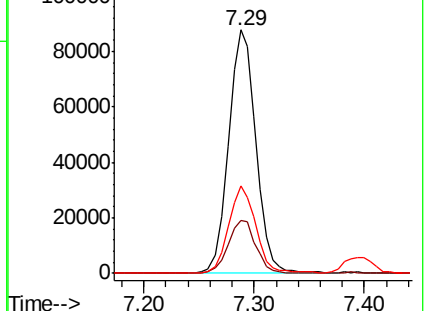
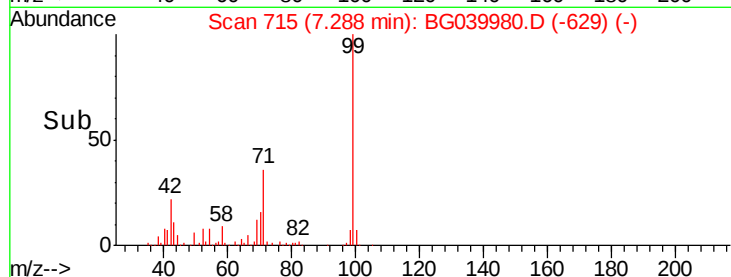
71 36.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BG039980.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BG039980.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BG039980.D (-629) (-)



#18

Hexachloroethane

Concen: 42.705 ng

RT: 9.25 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BG039980.D

Acq: 18 Mar 2019 21:54

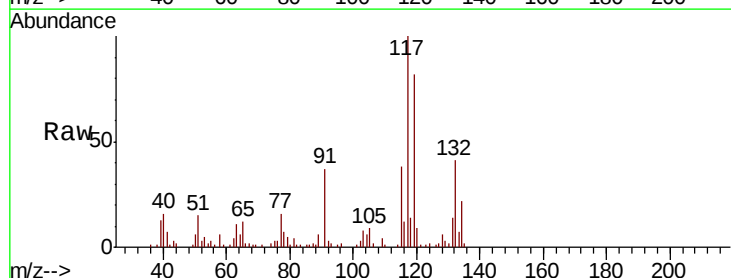
Tgt Ion: 117 Resp: 54305

Ion Ratio Lower Upper

117 100

119 81.5 76.3 114.5

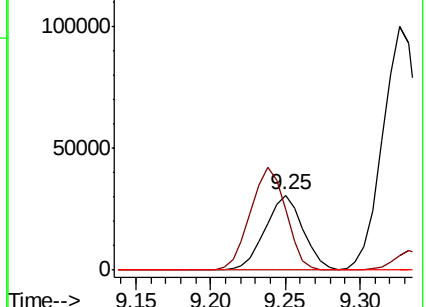
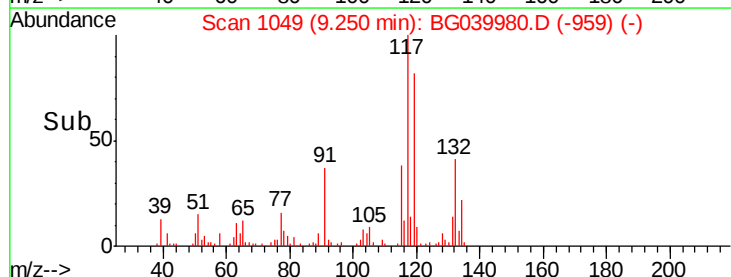
201 0.0 91.1 136.7#

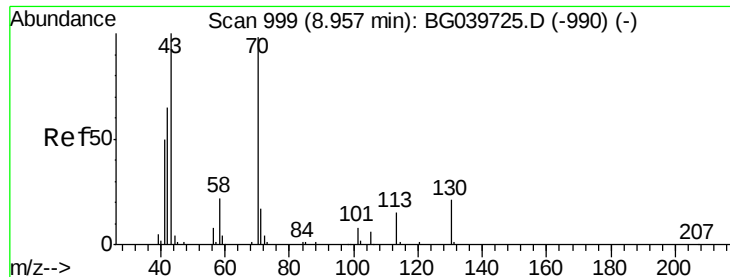


Abundance Ion 117.00 (116.70 to 117.70): BG039980.D (-959) (-)

Ion 119.00 (118.70 to 119.70): BG039980.D (-959) (-)

Ion 201.00 (200.70 to 201.70): BG039980.D (-959) (-)

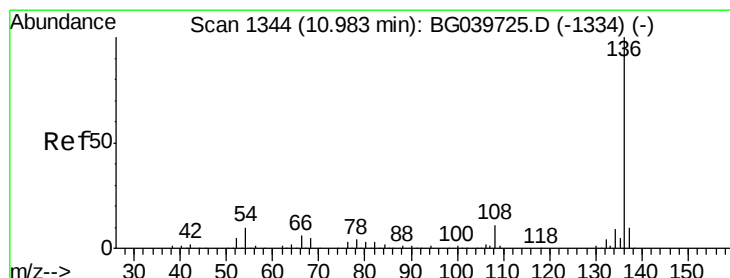
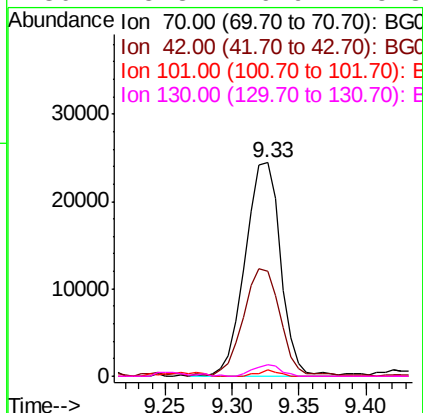
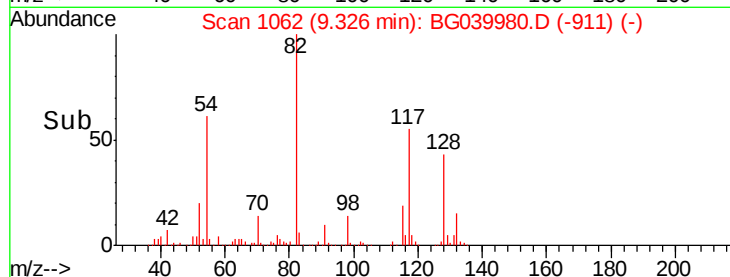
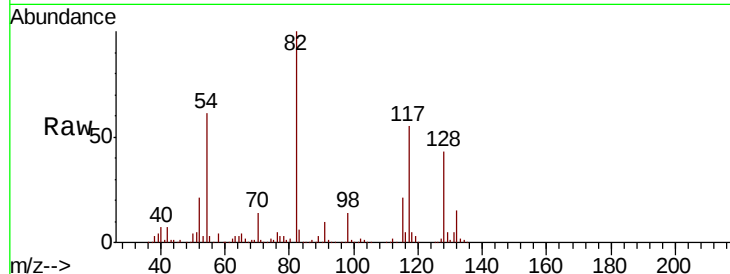




#19
n-Nitroso-di-n-propylamine
Concen: 16.494 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.36 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

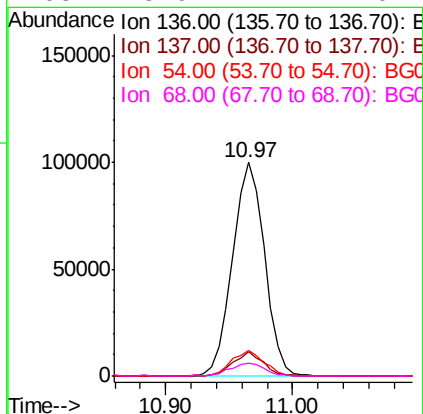
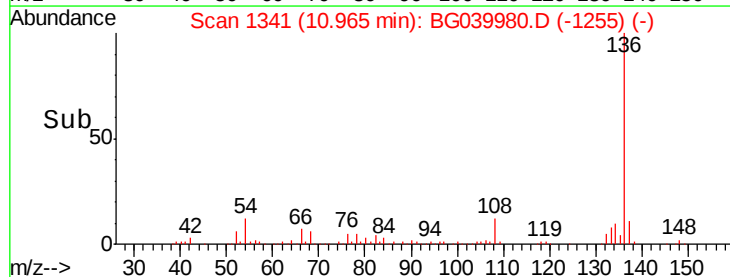
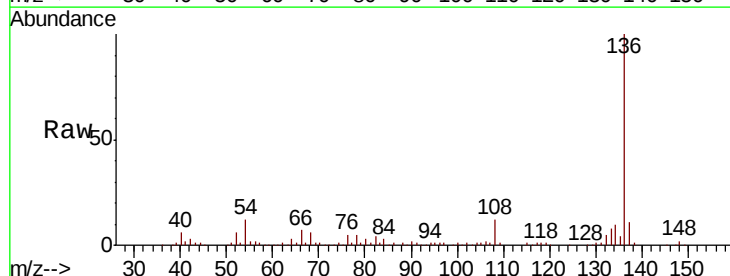
Instrument :
BNA_G
ClientSampled :
TW-3

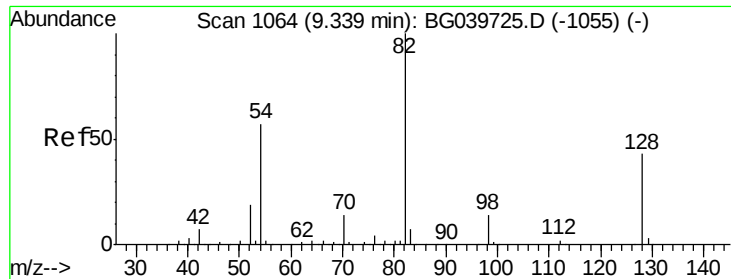
Tgt Ion: 70 Resp: 44886
Ion Ratio Lower Upper
70 100
42 49.5 60.4 90.6#
101 2.7 7.5 11.3#
130 5.3 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Tgt Ion: 136 Resp: 174254
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 12.2 9.4 14.2
68 5.9 4.2 6.4

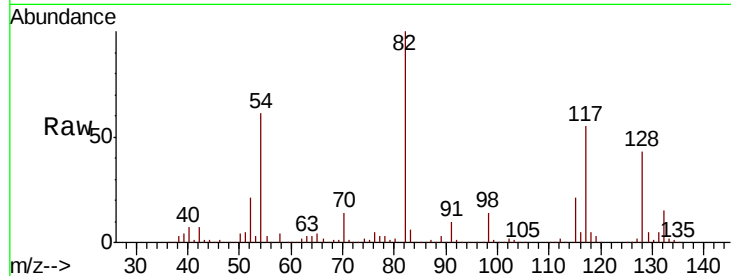




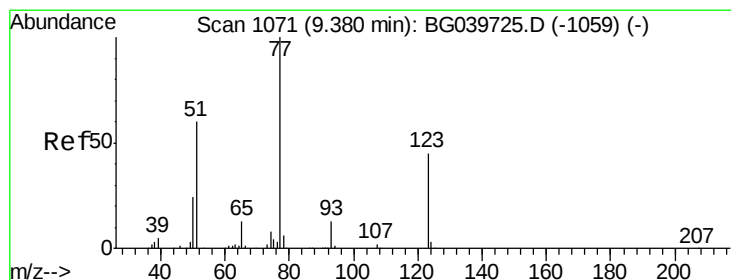
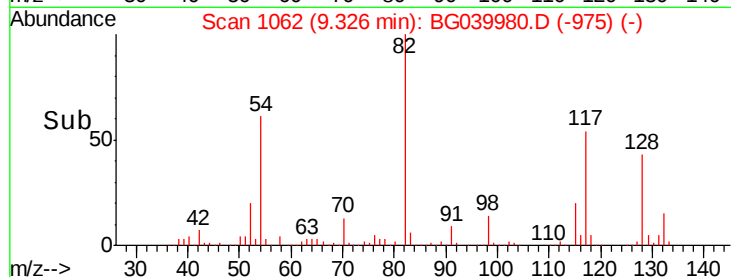
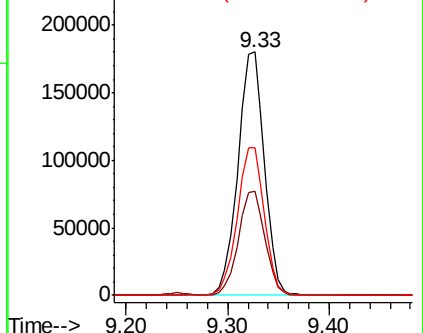
#23
Nitrobenzene-d5
Concen: 101.111 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Instrument :
BNA_G
ClientSampled :
TW-3

Tgt Ion: 82 Resp: 325772
Ion Ratio Lower Upper
82 100
128 42.6 31.3 46.9
54 60.8 50.9 76.3

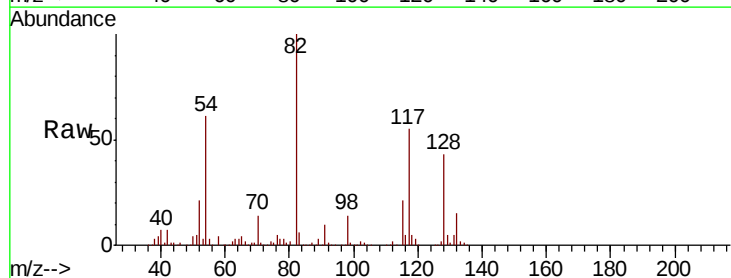


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

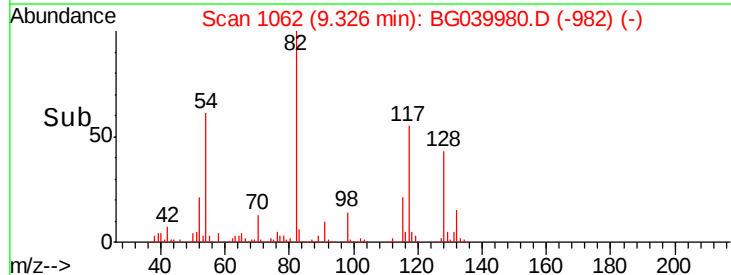
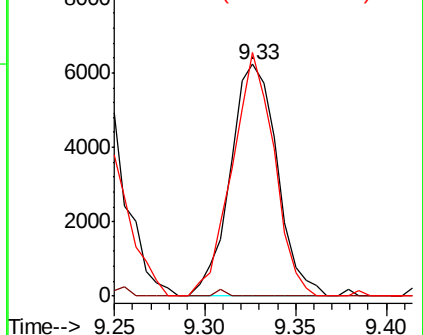


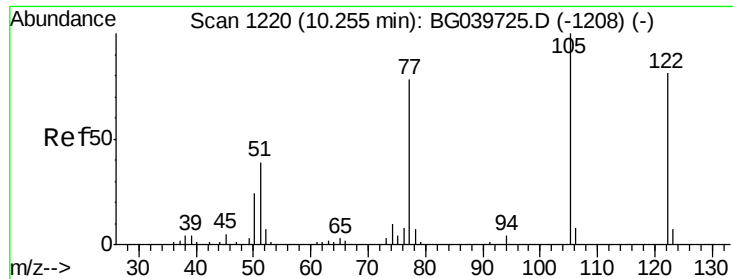
#24
Nitrobenzene
Concen: 3.320 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.06 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Tgt Ion: 77 Resp: 11223
Ion Ratio Lower Upper
77 100
123 0.0 34.1 51.1#
65 105.0 12.3 18.5#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

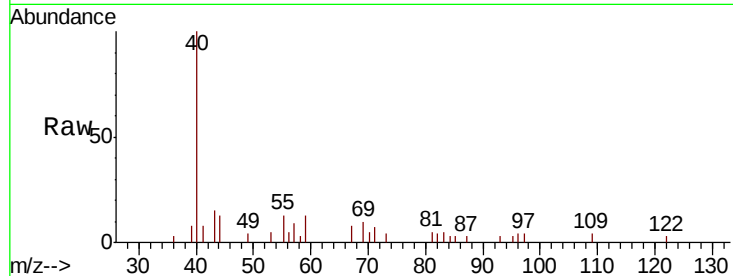




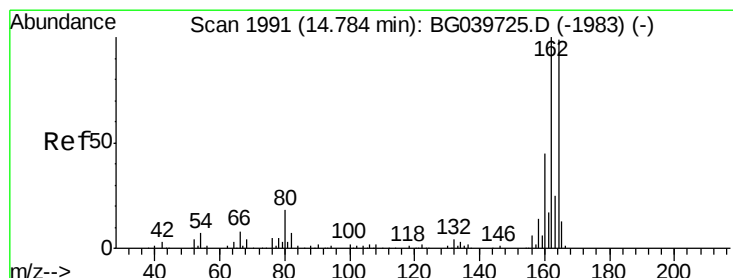
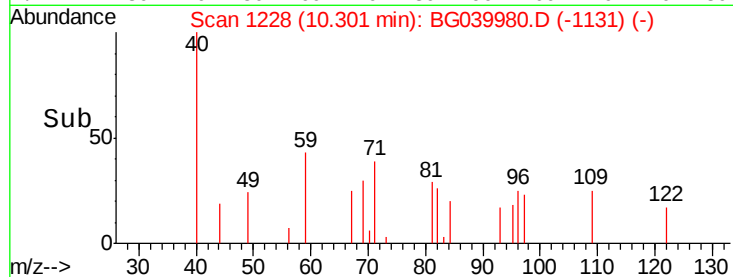
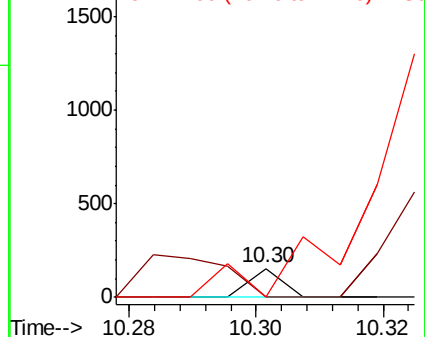
#32
Benzoic acid
Concen: 6.625 ng
RT: 10.30 min Scan# 1228
Delta R.T. 0.04 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Instrument :
BNA_G
ClientSampleId :
TW-3

Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 101.8 141.8#
77 0.0 76.3 116.3#

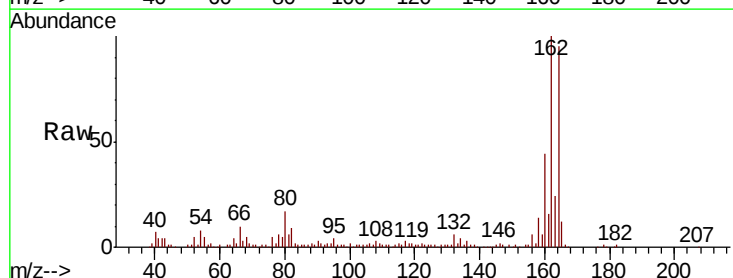


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

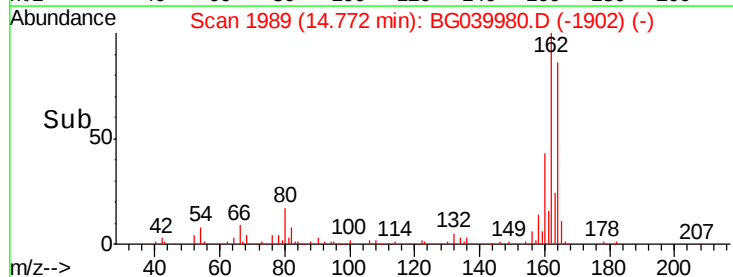
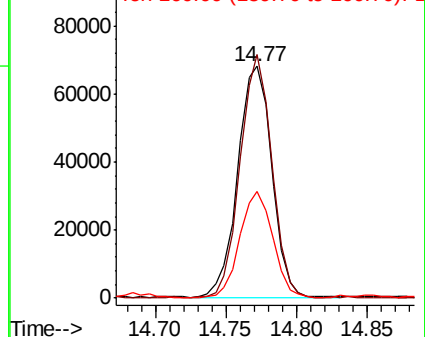


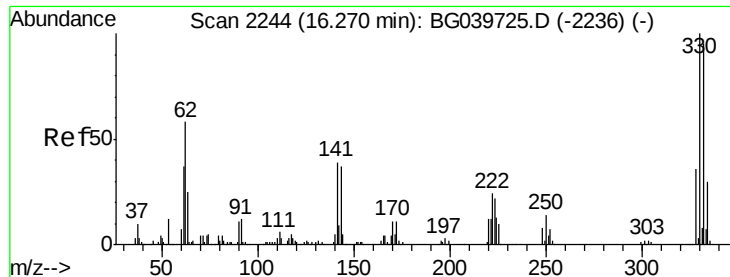
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Tgt Ion:164 Resp: 114657
Ion Ratio Lower Upper
164 100
162 105.0 81.6 122.4
160 46.2 34.2 51.2



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

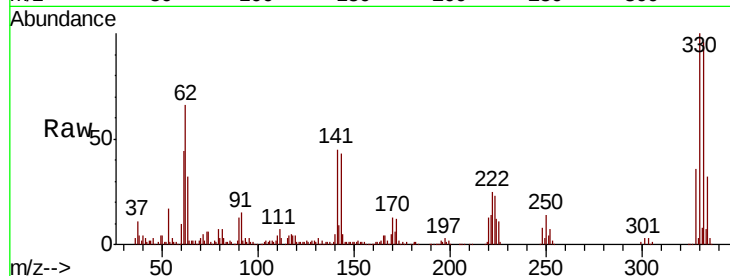




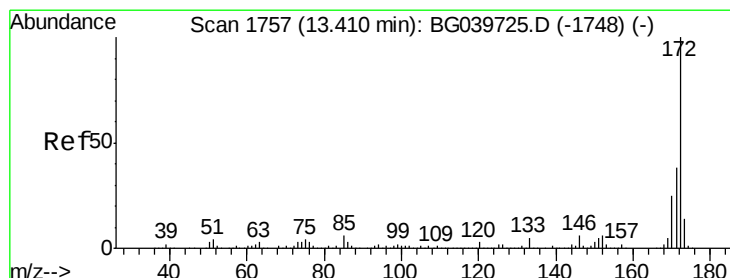
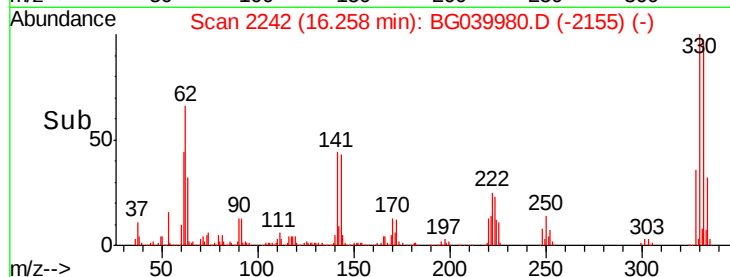
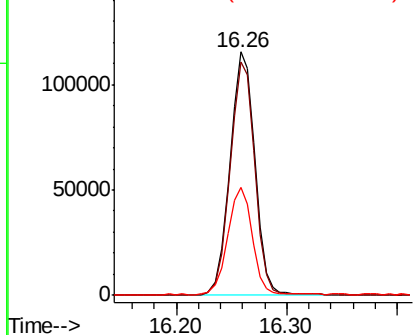
#42
 2,4,6-Tribromophenol
 Concen: 137.321 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039980.D
 Acq: 18 Mar 2019 21:54

Instrument :
 BNA_G
 ClientSampleId :
 TW-3

Tgt Ion:330 Resp: 183518
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.7 113.5
 141 43.2 35.6 53.4

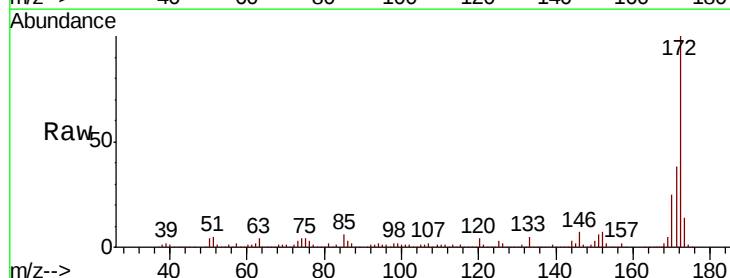


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

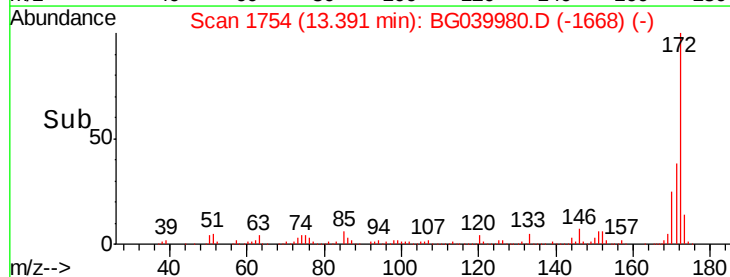
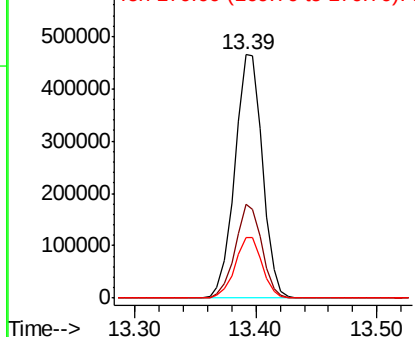


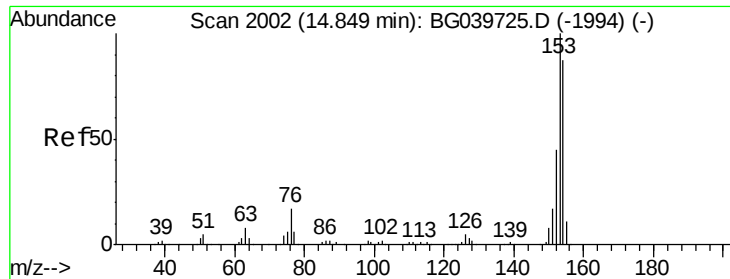
#45
 2-Fluorobiphenyl
 Concen: 91.659 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG039980.D
 Acq: 18 Mar 2019 21:54

Tgt Ion:172 Resp: 738102
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.8 46.2
 170 24.9 20.2 30.4



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





#52

Acenaphthene

Concen: 2.422 ng

RT: 14.83 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BG039980.D

Acq: 18 Mar 2019 21:54

Instrument :

BNA_G

ClientSampleId :

TW-3

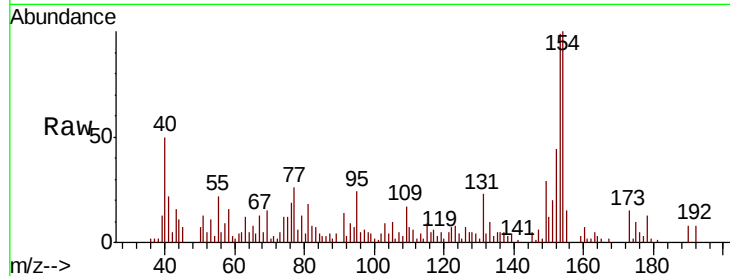
Tgt Ion:154 Resp: 16978

Ion Ratio Lower Upper

154 100

153 99.4 90.1 135.1

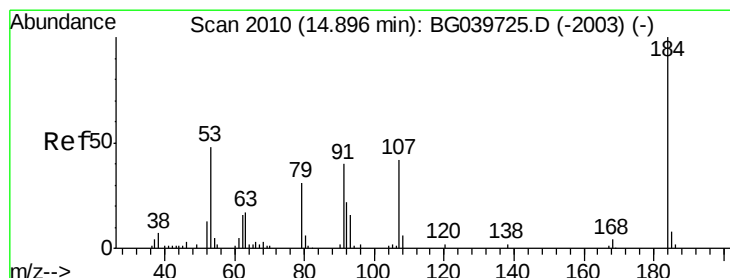
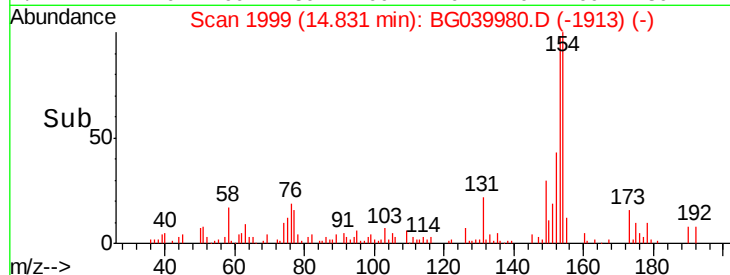
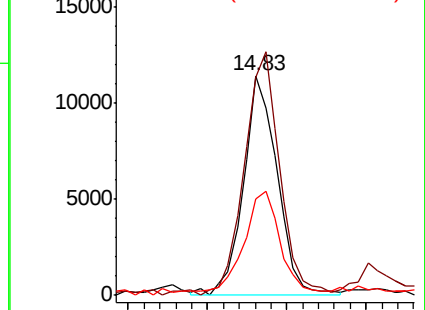
152 43.8 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

2,4-Dinitrophenol

Concen: 5.298 ng

RT: 14.82 min Scan# 1998

Delta R.T. -0.08 min

Lab File: BG039980.D

Acq: 18 Mar 2019 21:54

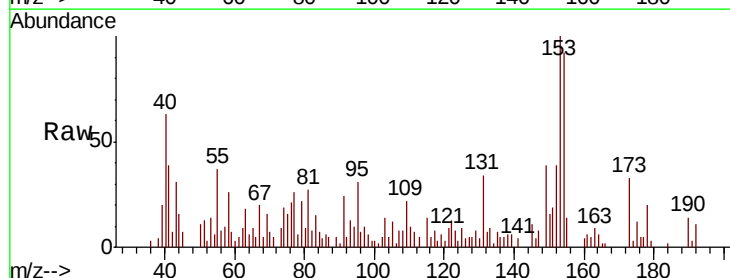
Tgt Ion:184 Resp: 57

Ion Ratio Lower Upper

184 100

63 862.0 50.9 76.3#

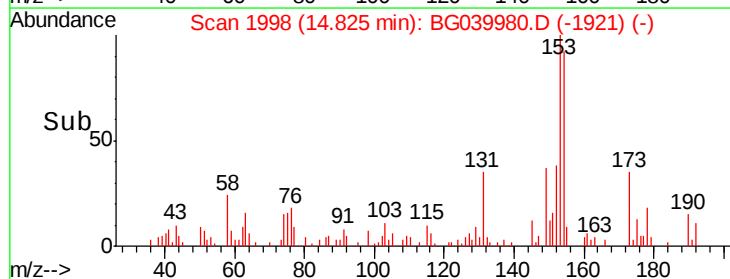
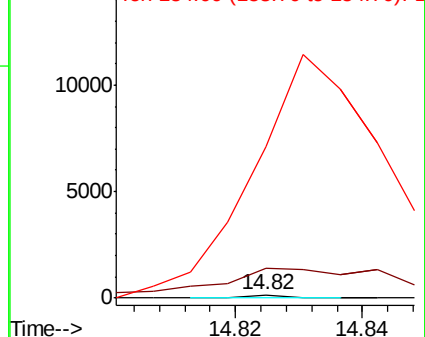
154 4359.5 53.0 79.6#

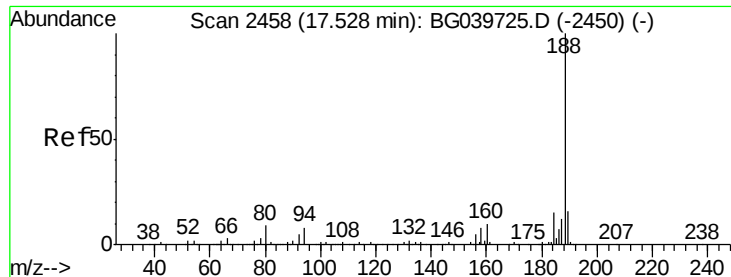


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG039980.D

Acq: 18 Mar 2019 21:54

Instrument :

BNA_G

ClientSampleId :

TW-3

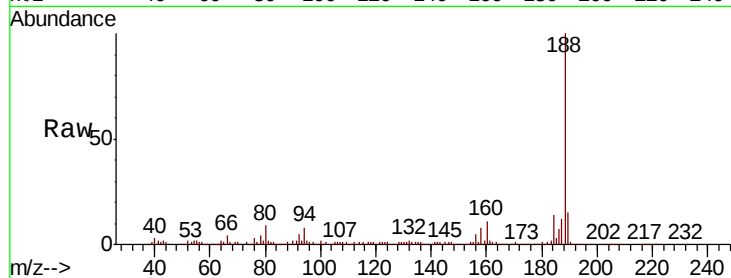
Tgt Ion:188 Resp: 240717

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

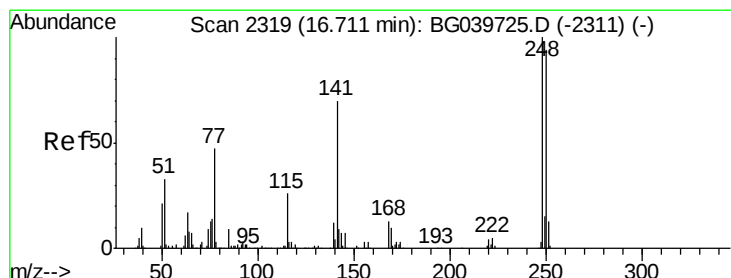
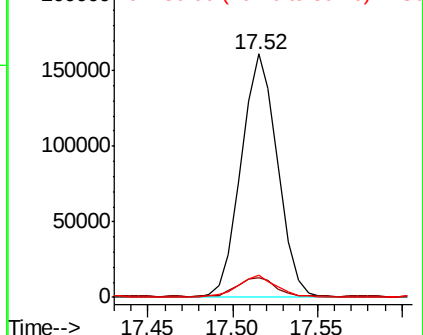
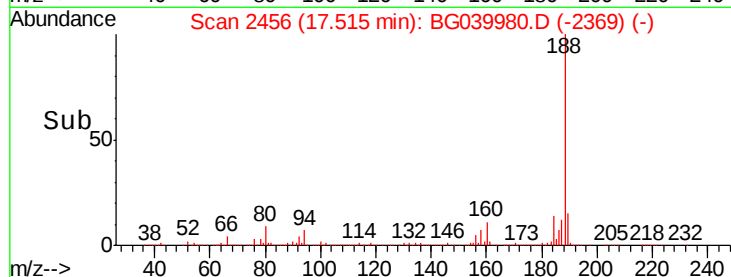
80 9.2 8.1 12.1



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



#67

4-Bromophenyl-phenylether

Concen: 5.271 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.46 min

Lab File: BG039980.D

Acq: 18 Mar 2019 21:54

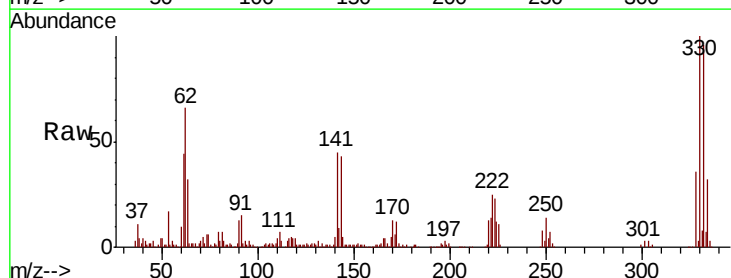
Tgt Ion:248 Resp: 14203

Ion Ratio Lower Upper

248 100

250 172.2 77.6 116.4#

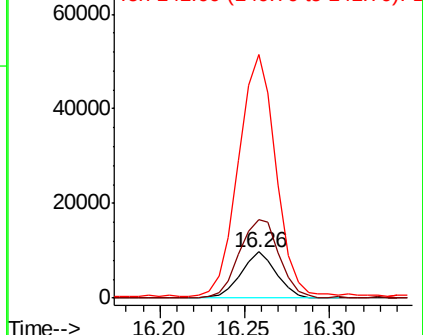
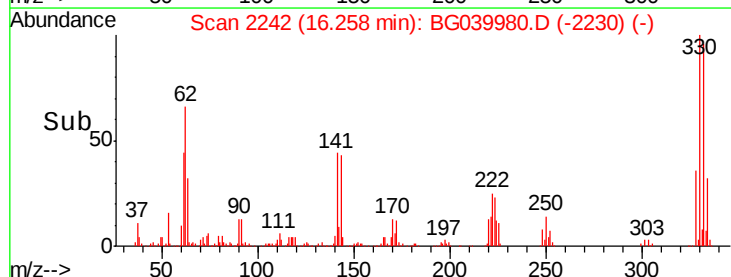
141 530.1 63.9 95.9#

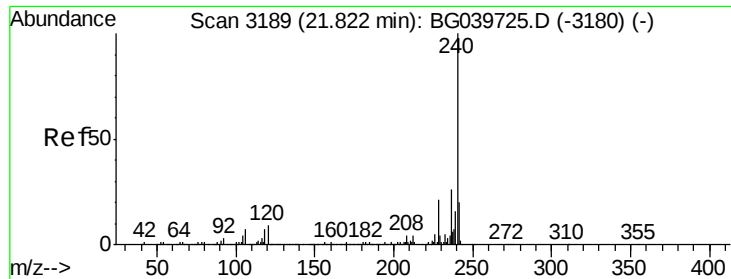


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

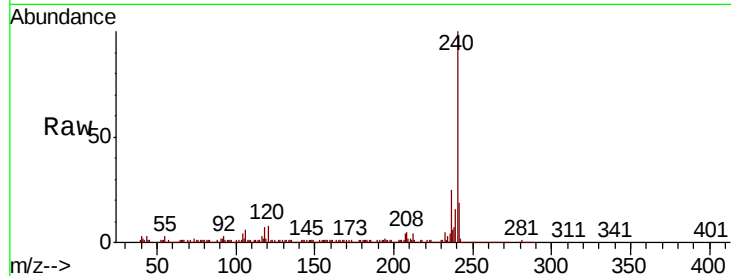




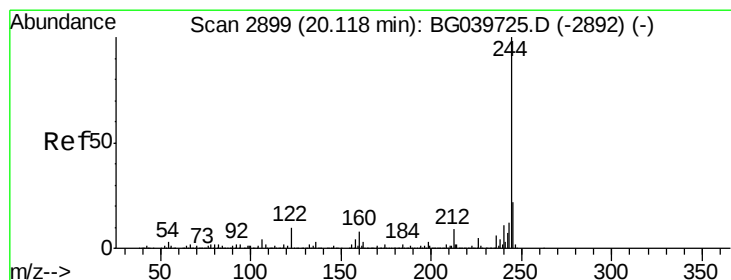
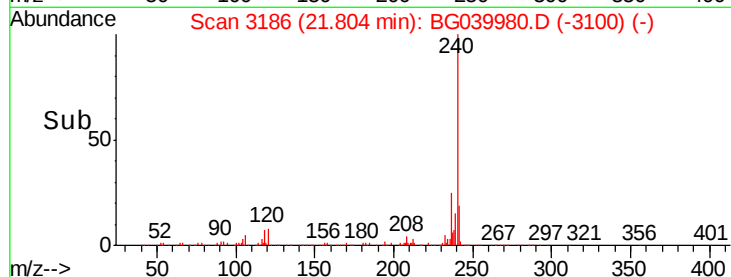
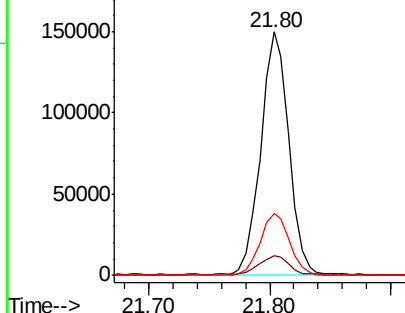
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Instrument :
BNA_G
ClientSampleId :
TW-3

Tgt Ion:240 Resp: 241631
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 25.4 21.0 31.4

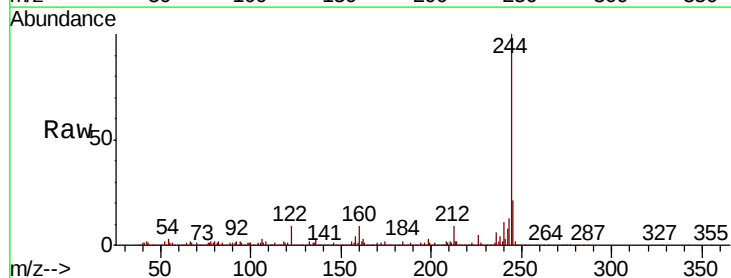


Abundance Ion 240.00 (239.70 to 240.70): E
200000 Ion 120.00 (119.70 to 120.70): E
150000 Ion 236.00 (235.70 to 236.70): E
100000
50000
0

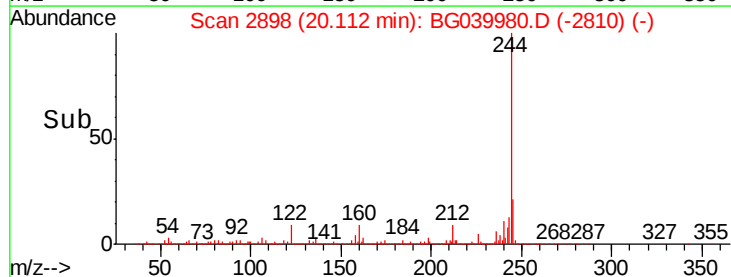
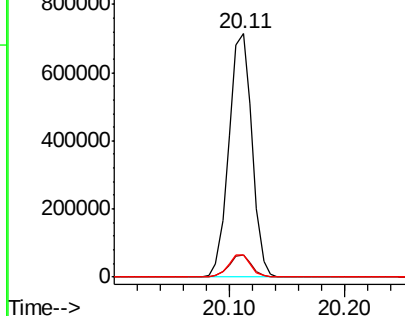


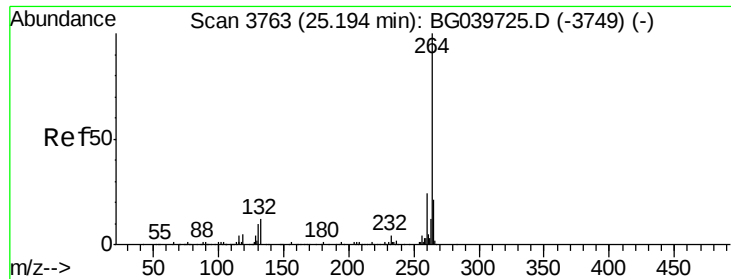
#79
Terphenyl-d14
Concen: 89.521 ng
RT: 20.11 min Scan# 2898
Delta R.T. -0.01 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Tgt Ion:244 Resp: 982419
Ion Ratio Lower Upper
244 100
212 9.2 7.3 10.9
122 9.0 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E
1000000 Ion 212.00 (211.70 to 212.70): E
800000 Ion 122.00 (121.70 to 122.70): E
600000
400000
200000
0

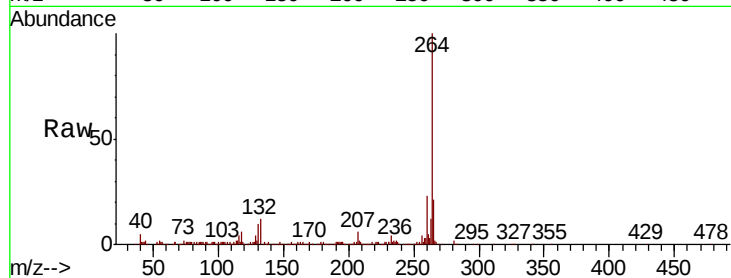




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Instrument :
BNA_G
ClientSampleId :
TW-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	20.9	18.5	27.7



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

