

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040253.D
 Acq On : 30 Mar 2019 9:15
 Operator : JU/SJ
 Sample : K2124-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SUMP-PIT-2

Quant Time: Apr 01 02:06:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

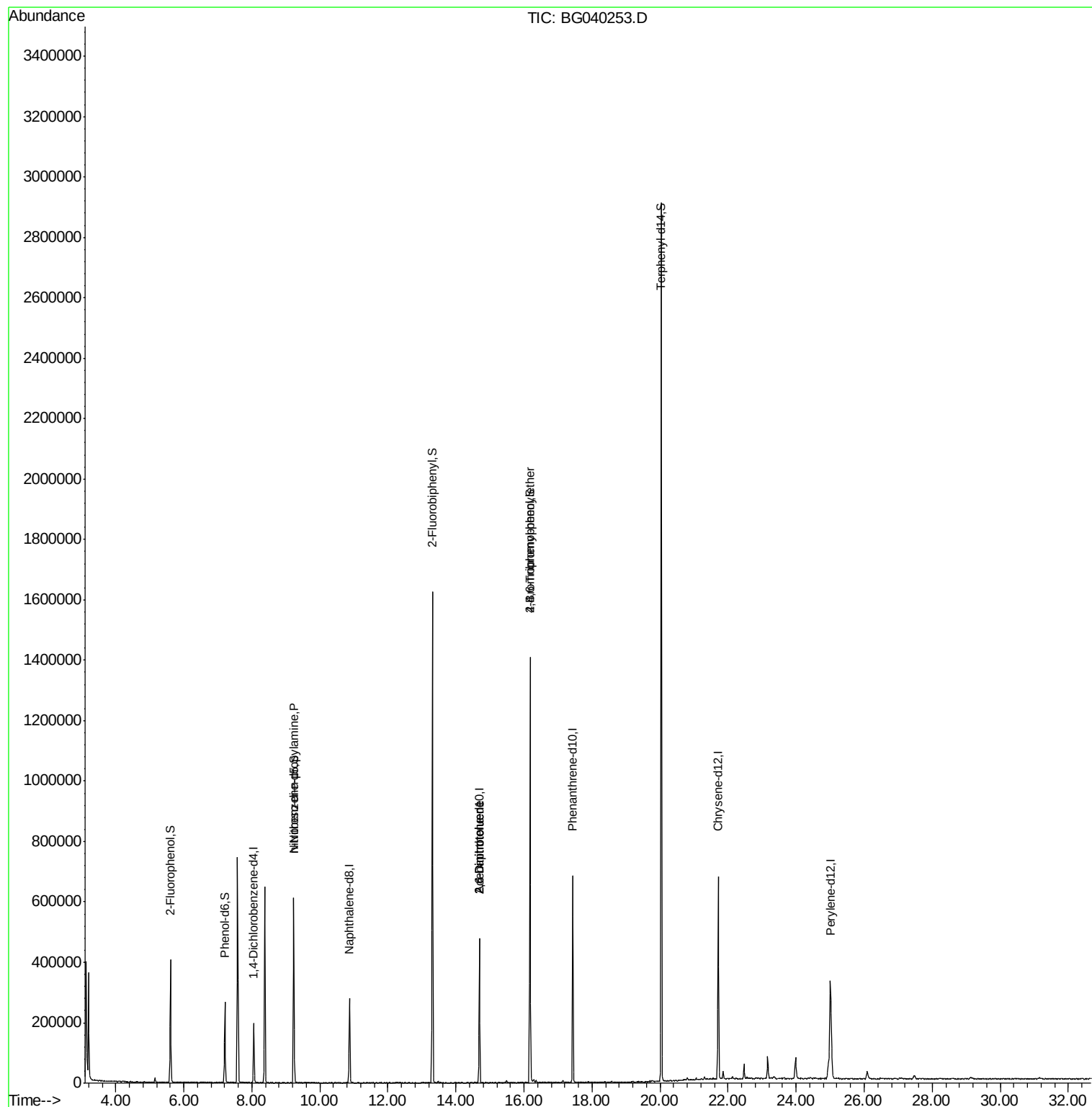
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54764	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	242941	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	164992	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	424472	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	421176	20.00	ng	-0.02
87) Perylene-d12	25.01	264	427835	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	176345	53.53	ng	-0.01
7) Phenol-d6	7.20	99	156342	34.34	ng	-0.02
23) Nitrobenzene-d5	9.23	82	361081	79.00	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	249035	139.66	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	883349	79.33	ng	-0.01
79) Terphenyl-d14	20.04	244	1419342	75.81	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	44454	13.619	ng	# 76
51) 2,6-Dinitrotoluene	14.69	165	20470	7.060	ng	# 26
57) 2,4-Dinitrotoluene	14.69	165	20470	5.081	ng	# 26
67) 4-Bromophenyl-phenylether	16.18	248	19051	3.988	ng	# 1

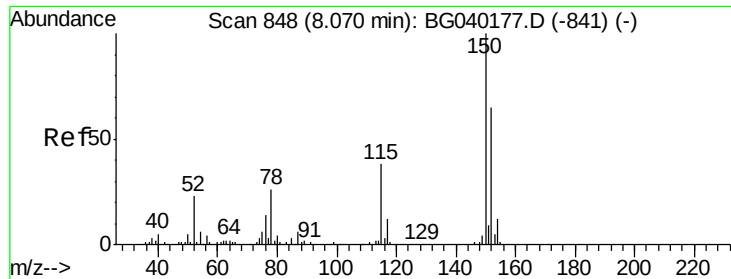
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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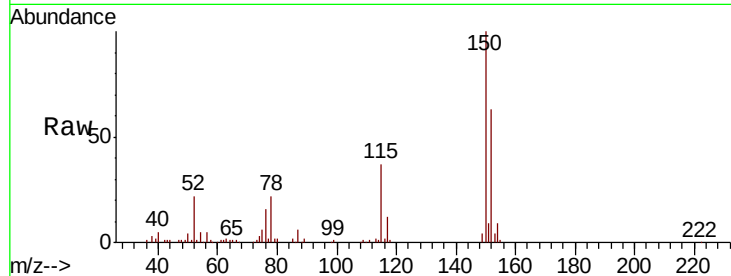


#1

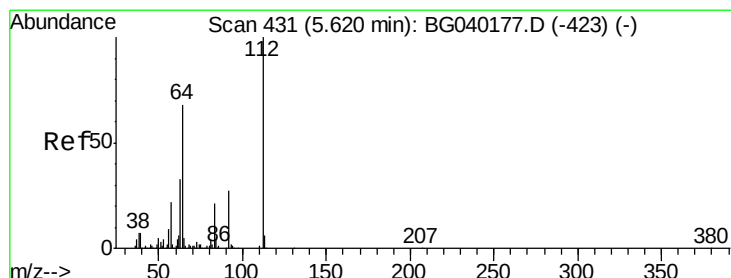
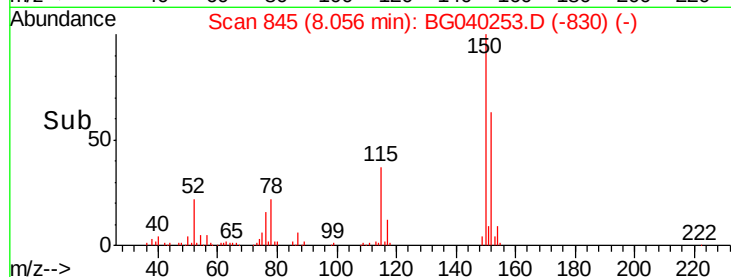
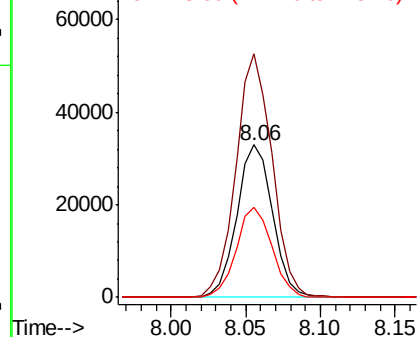
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BG040253.D
 Acq: 30 Mar 2019 9:15

Instrument :
 BNA_G
 ClientSampleId :
 SUMP-PIT-2

Tgt Ion:152 Resp: 54764
 Ion Ratio Lower Upper
 152 100
 150 159.6 123.7 185.5
 115 59.3 46.9 70.3



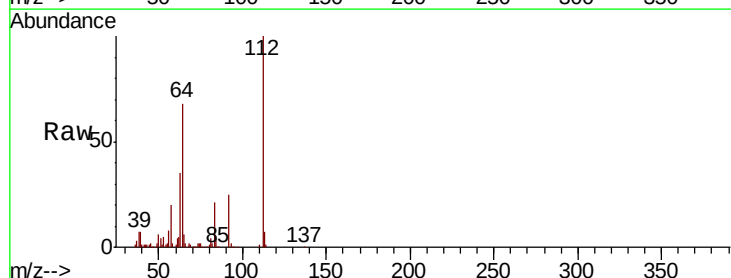
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



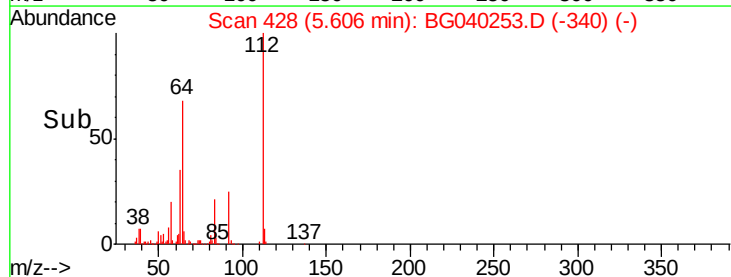
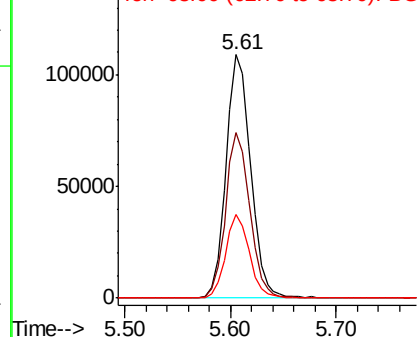
#5

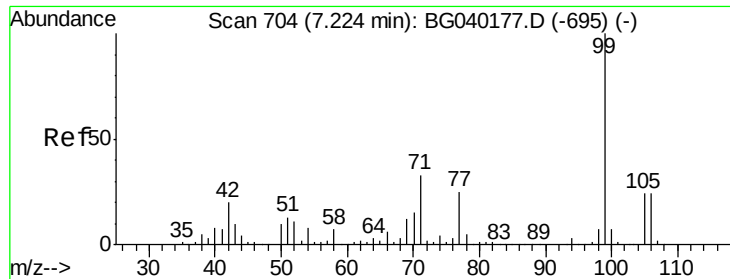
2-Fluorophenol
 Concen: 53.531 ng
 RT: 5.61 min Scan# 428
 Delta R.T. -0.01 min
 Lab File: BG040253.D
 Acq: 30 Mar 2019 9:15

Tgt Ion:112 Resp: 176345
 Ion Ratio Lower Upper
 112 100
 64 68.0 54.2 81.2
 63 34.6 26.4 39.6



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: 34.340 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040253.D

Acq: 30 Mar 2019 9:15

Instrument :

BNA_G

ClientSampleId :

SUMP-PIT-2

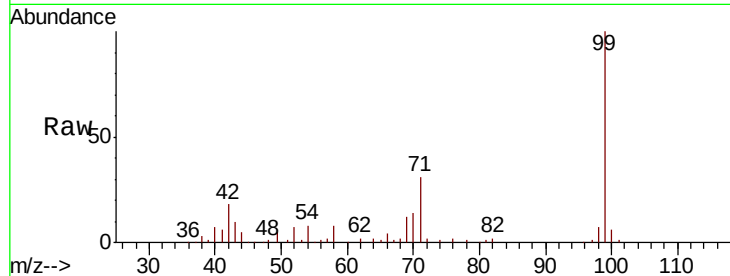
Tgt Ion: 99 Resp: 156342

Ion Ratio Lower Upper

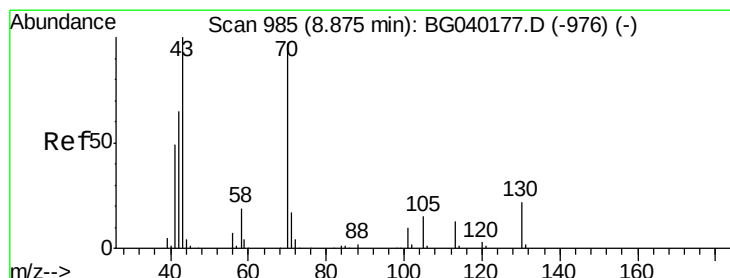
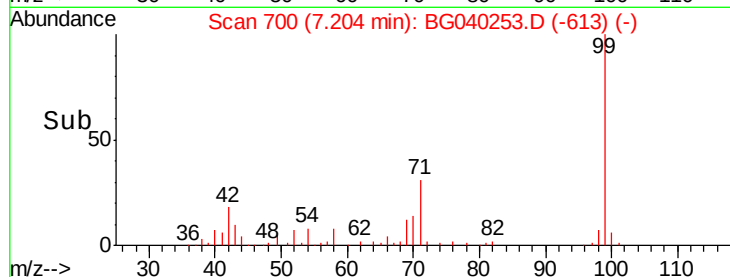
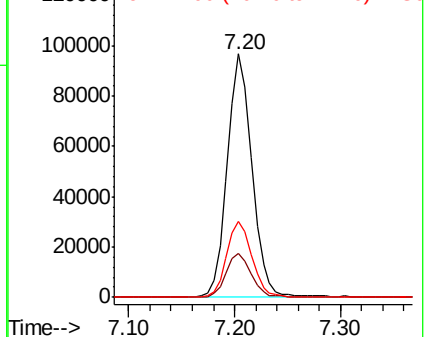
99 100

42 18.3 16.2 24.2

71 31.2 26.8 40.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.619 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.36 min

Lab File: BG040253.D

Acq: 30 Mar 2019 9:15

Tgt Ion: 70 Resp: 44454

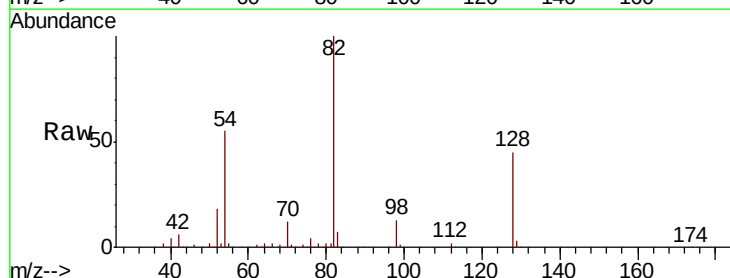
Ion Ratio Lower Upper

70 100

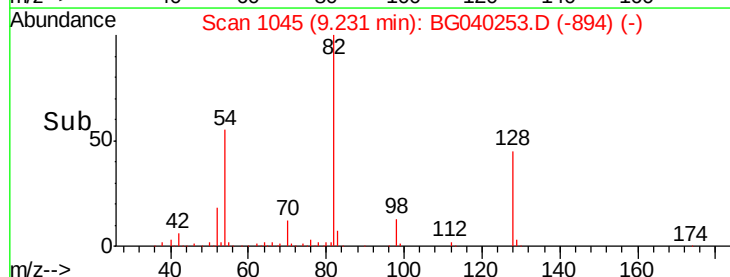
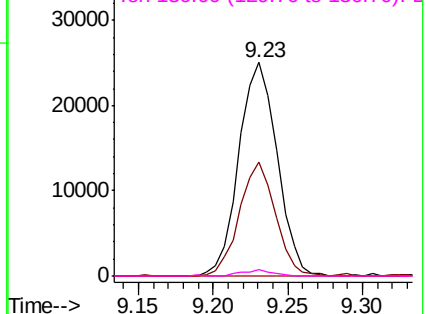
42 53.2 54.0 81.0#

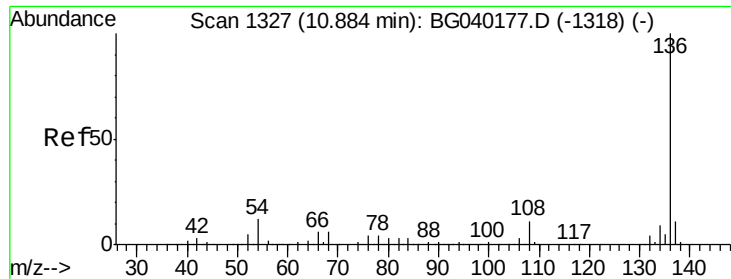
101 0.0 8.6 13.0#

130 3.0 18.2 27.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

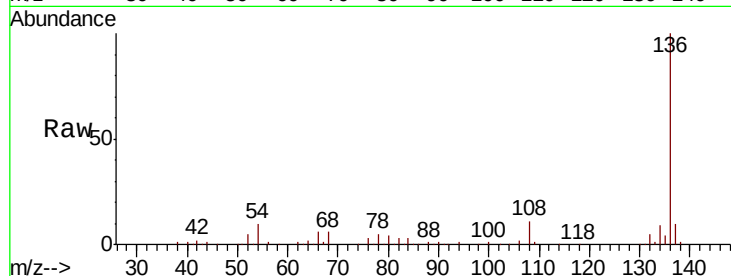




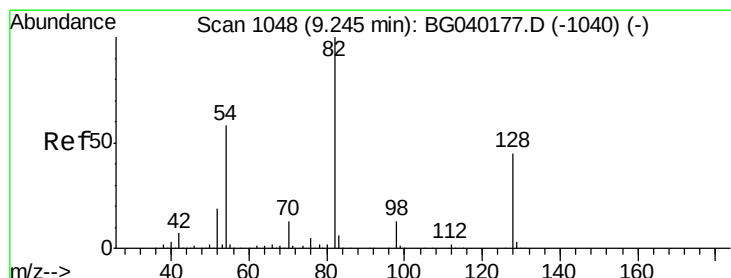
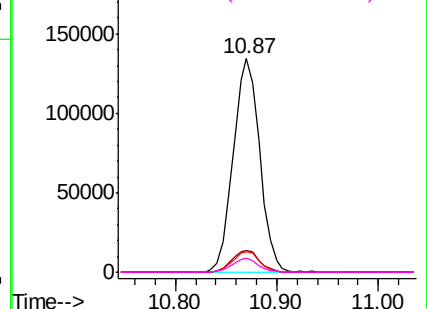
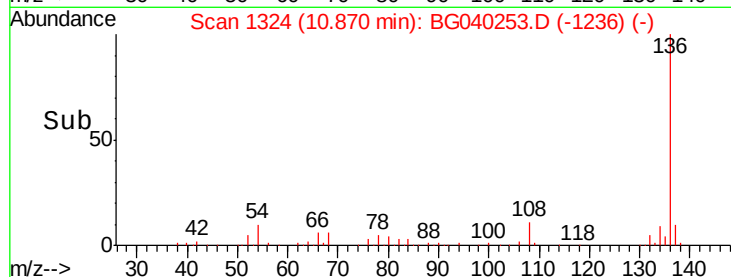
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG040253.D
Acq: 30 Mar 2019 9:15

Instrument :
BNA_G
ClientSampleId :
SUMP-PIT-2

Tgt Ion:	136	Resp:	242941
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	9.9	9.6	14.4
68	6.3	5.1	7.7

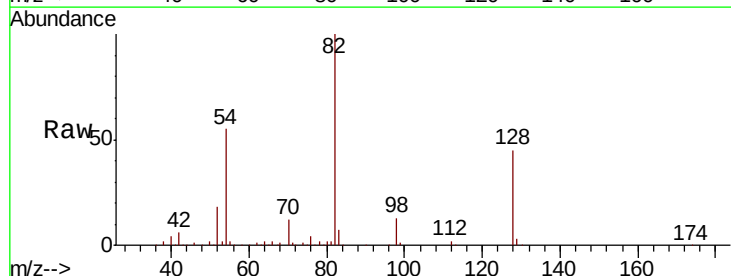


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

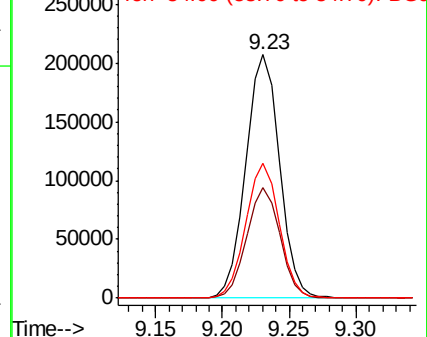
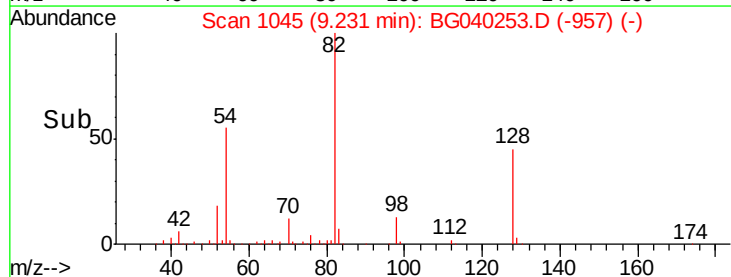


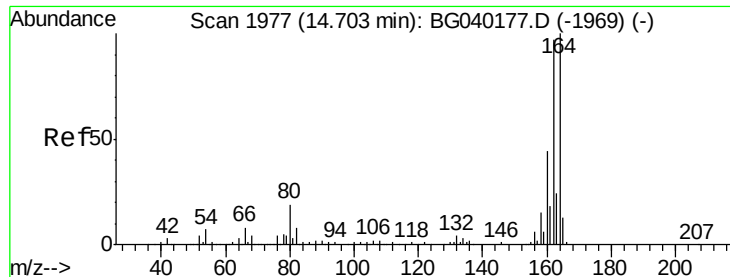
#23
Nitrobenzene-d5
Concen: 79.001 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG040253.D
Acq: 30 Mar 2019 9:15

Tgt Ion:	82	Resp:	361081
Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.8	53.8
54	55.2	46.2	69.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040253.D

Acq: 30 Mar 2019 9:15

Instrument :

BNA_G

ClientSampleId :

SUMP-PIT-2

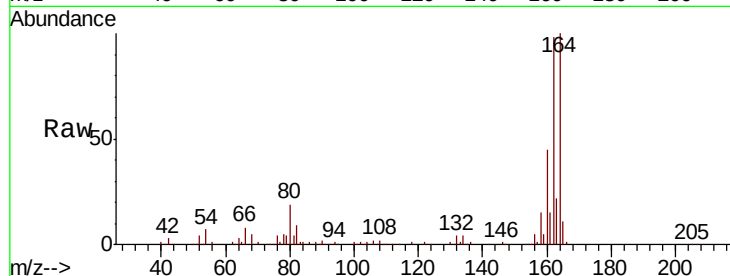
Tgt Ion:164 Resp: 164992

Ion Ratio Lower Upper

164 100

162 97.9 77.4 116.2

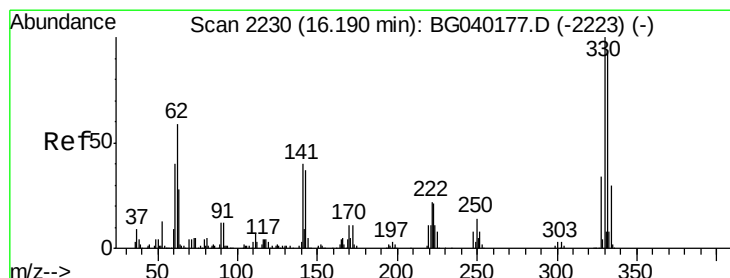
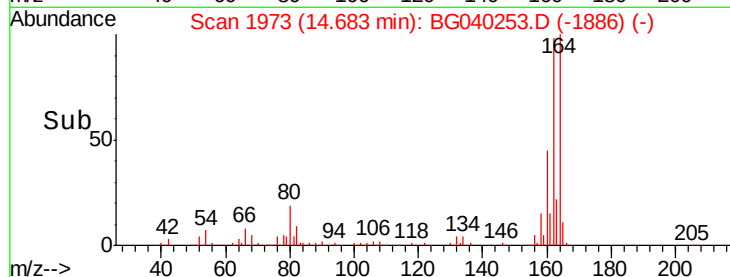
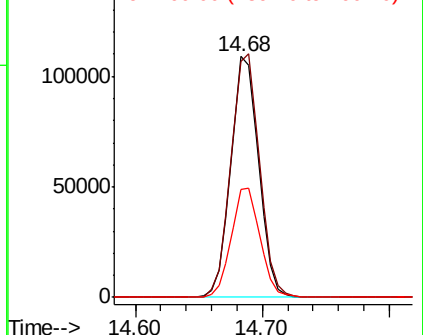
160 44.7 35.3 52.9



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: 139.661 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG040253.D

Acq: 30 Mar 2019 9:15

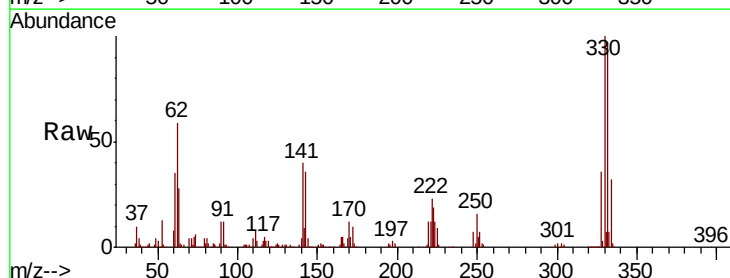
Tgt Ion:330 Resp: 249035

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

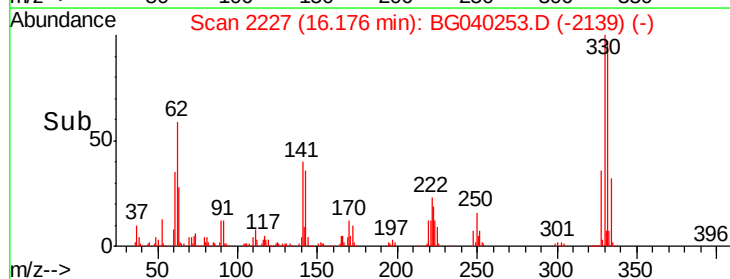
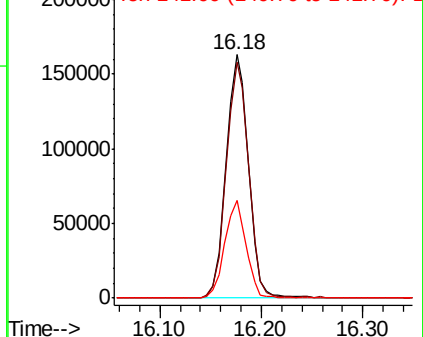
141 38.4 32.6 48.8

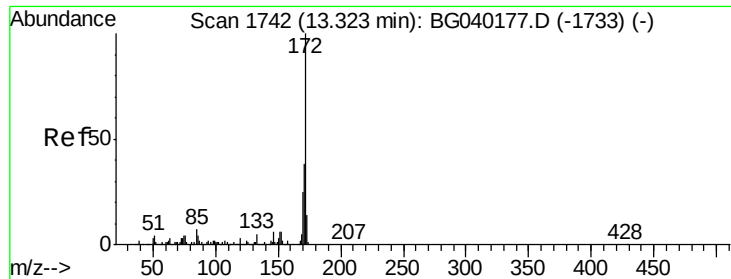


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

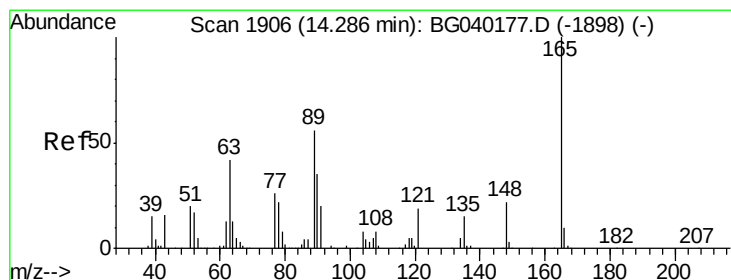
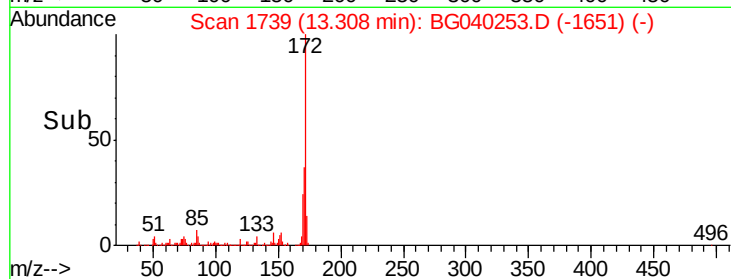
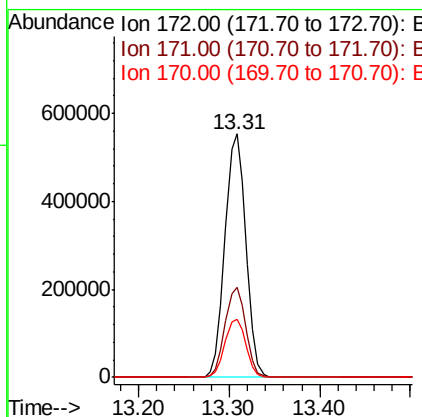
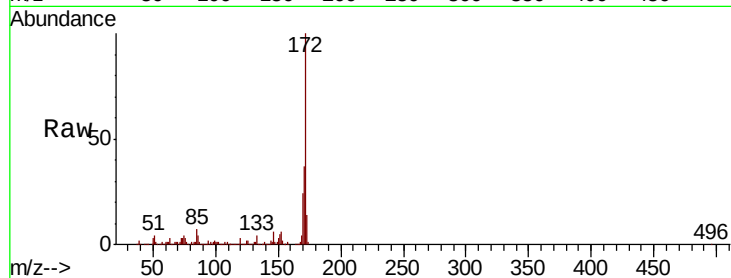




#45
 2-Fluorobiphenyl
 Concen: 79.332 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG040253.D
 Acq: 30 Mar 2019 9:15

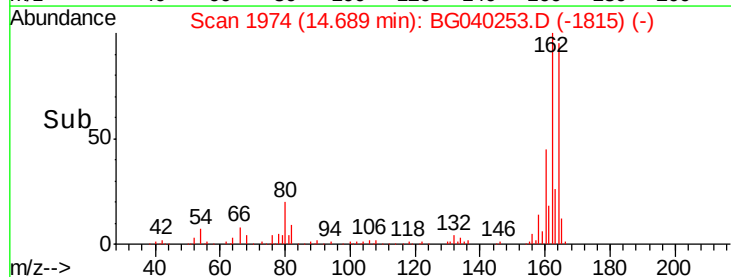
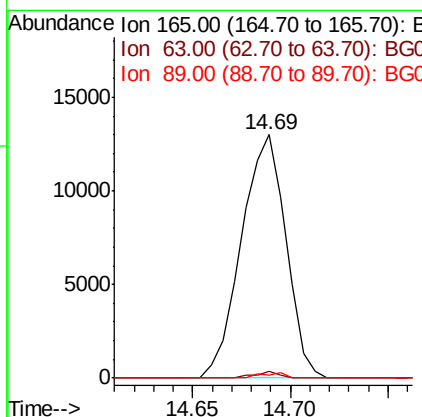
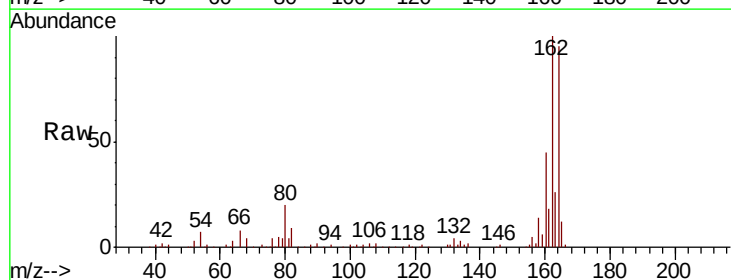
Instrument :
 BNA_G
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 SUMP-PIT-2

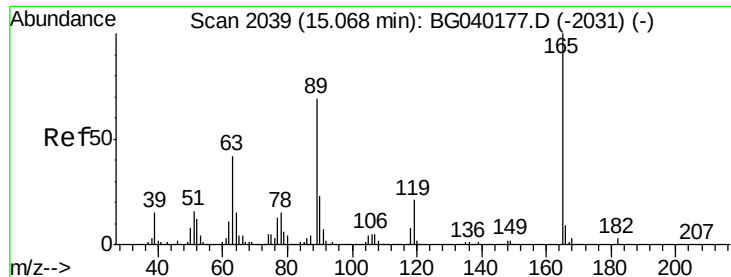
Tgt Ion:172 Resp: 883349
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.5 45.7
 170 23.9 20.1 30.1



#51
 2,6-Dinitrotoluene
 Concen: 7.060 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. 0.40 min
 Lab File: BG040253.D
 Acq: 30 Mar 2019 9:15

Tgt Ion:165 Resp: 20470
 Ion Ratio Lower Upper
 165 100
 63 2.6 44.1 66.1#
 89 1.4 44.9 67.3#

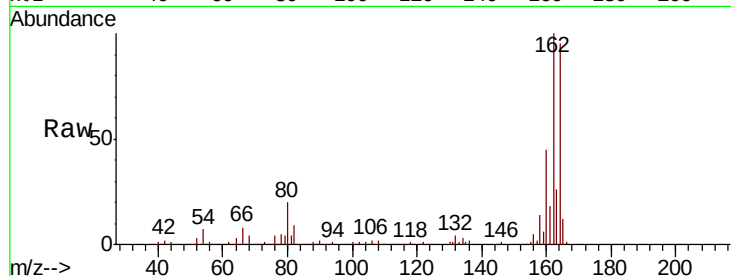




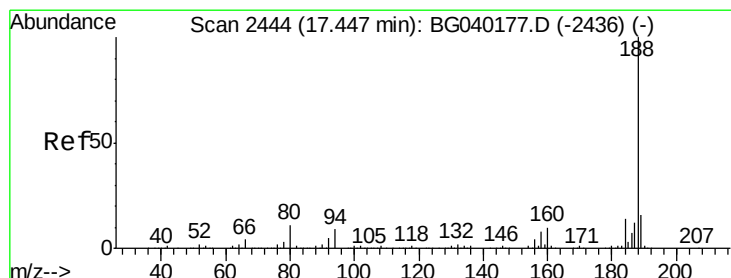
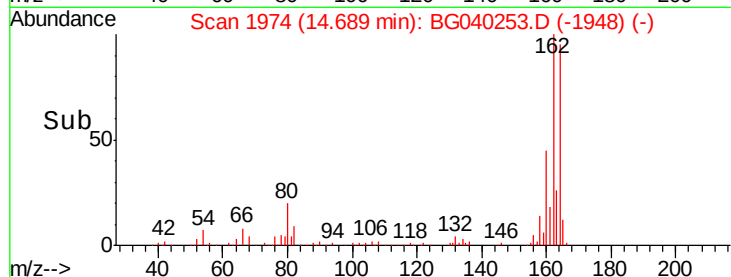
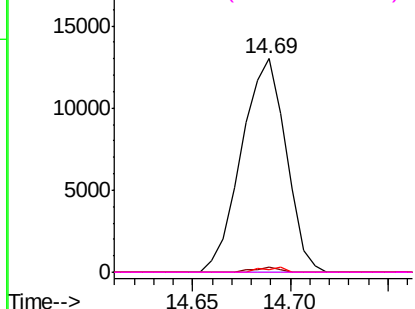
#57
 2,4-Dinitrotoluene
 Concen: 5.081 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG040253.D
 Acq: 30 Mar 2019 9:15

Instrument :
 BNA_G
 ClientSampleId :
 SUMP-PIT-2

Tgt Ion:	165	Resp:	20470
Ion	Ratio	Lower	Upper
165	100		
63	2.6	33.8	50.6#
89	1.4	55.4	83.2#
182	0.0	2.2	3.4#

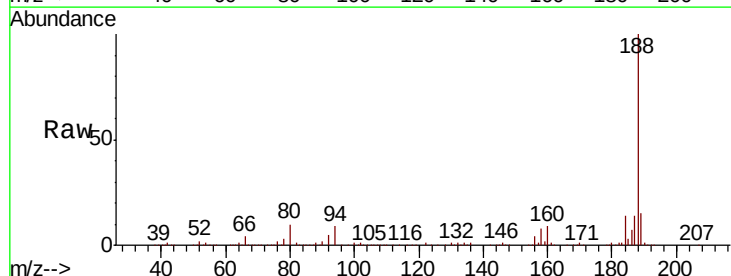


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

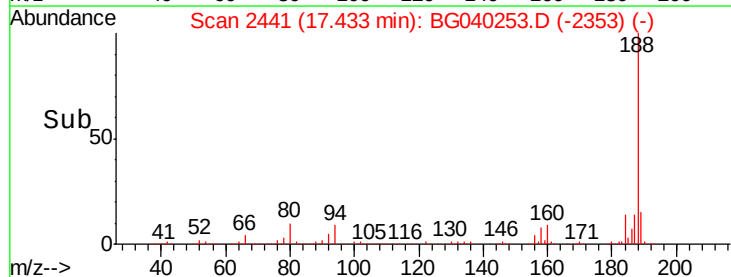
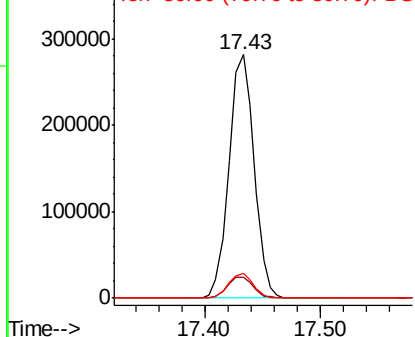


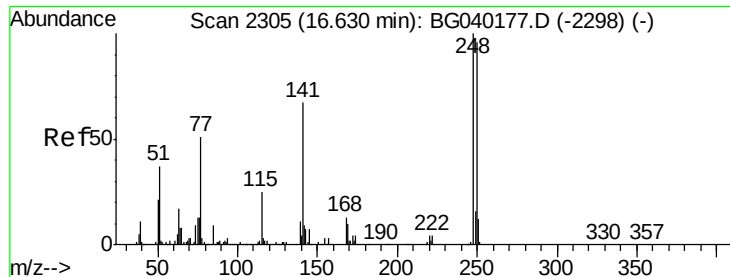
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG040253.D
 Acq: 30 Mar 2019 9:15

Tgt Ion:	188	Resp:	424472
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.4
80	10.2	8.6	13.0



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

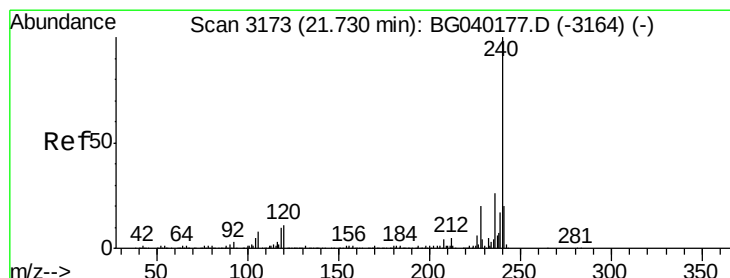
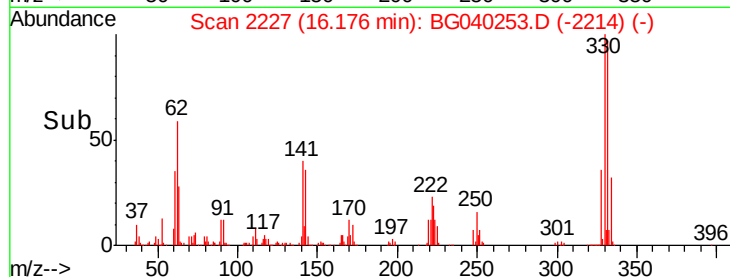
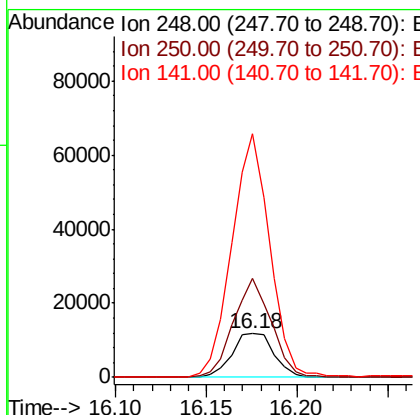
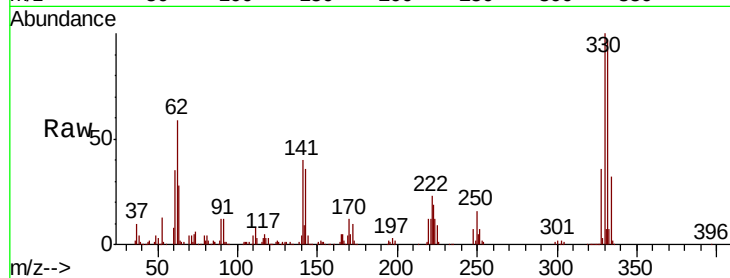




#67
4-Bromophenyl-phenylether
Concen: 3.988 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.45 min
Lab File: BG040253.D
Acq: 30 Mar 2019 9:15

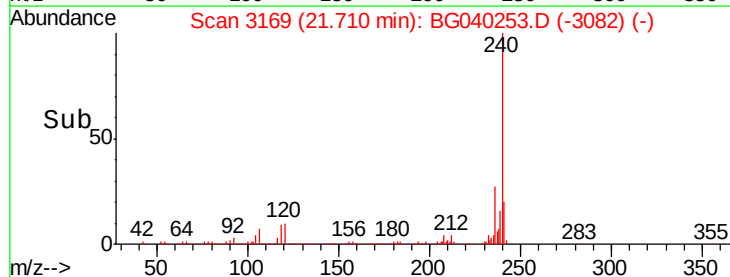
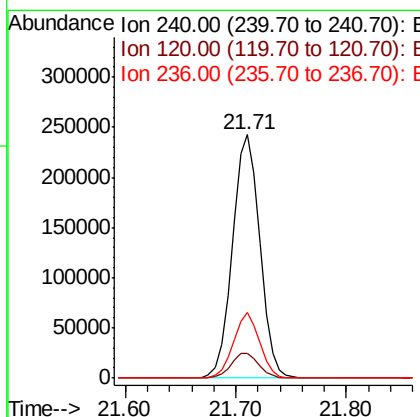
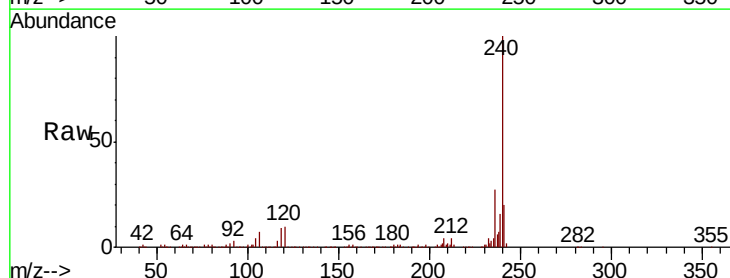
Instrument :
BNA_G
ClientSampleId :
SUMP-PIT-2

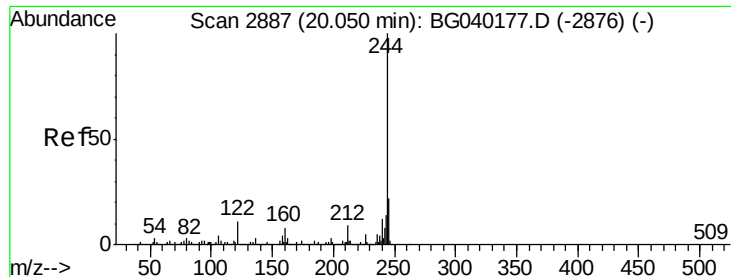
Tgt Ion:248 Resp: 19051
Ion Ratio Lower Upper
248 100
250 227.1 76.4 114.6#
141 558.8 53.8 80.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040253.D
Acq: 30 Mar 2019 9:15

Tgt Ion:240 Resp: 421176
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 26.7 20.8 31.2





#79

Terphenyl-d14

Concen: 75.812 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG040253.D

Acq: 30 Mar 2019 9:15

Instrument :

BNA_G

ClientSampleId :

SUMP-PIT-2

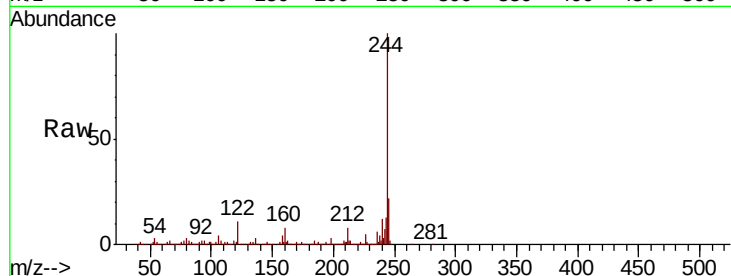
Tgt Ion:244 Resp: 1419342

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

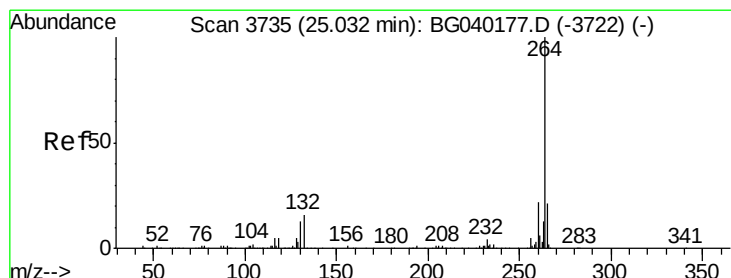
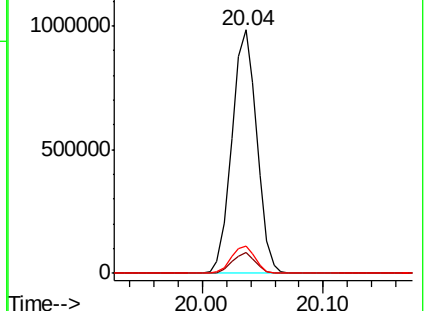
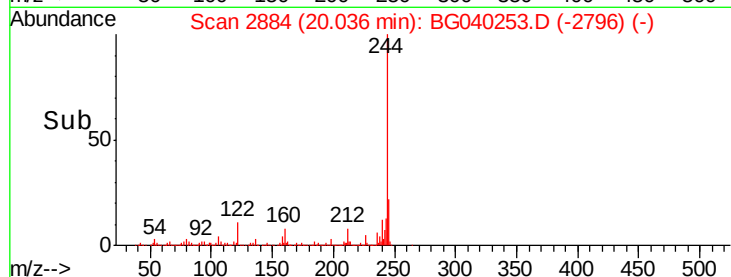
122 11.1 8.5 12.7



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: 25.01 min Scan# 3730

Delta R.T. -0.03 min

Lab File: BG040253.D

Acq: 30 Mar 2019 9:15

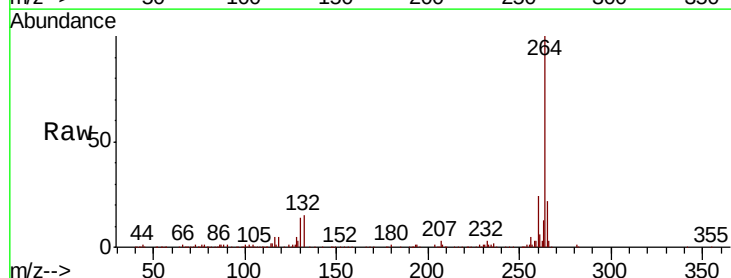
Tgt Ion:264 Resp: 427835

Ion Ratio Lower Upper

264 100

260 23.6 17.9 26.9

265 22.5 16.8 25.2



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

