

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040252.D
 Acq On : 30 Mar 2019 8:35
 Operator : JU/SJ
 Sample : K2124-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SUMP-PIT-1

Quant Time: Apr 01 02:06:48 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

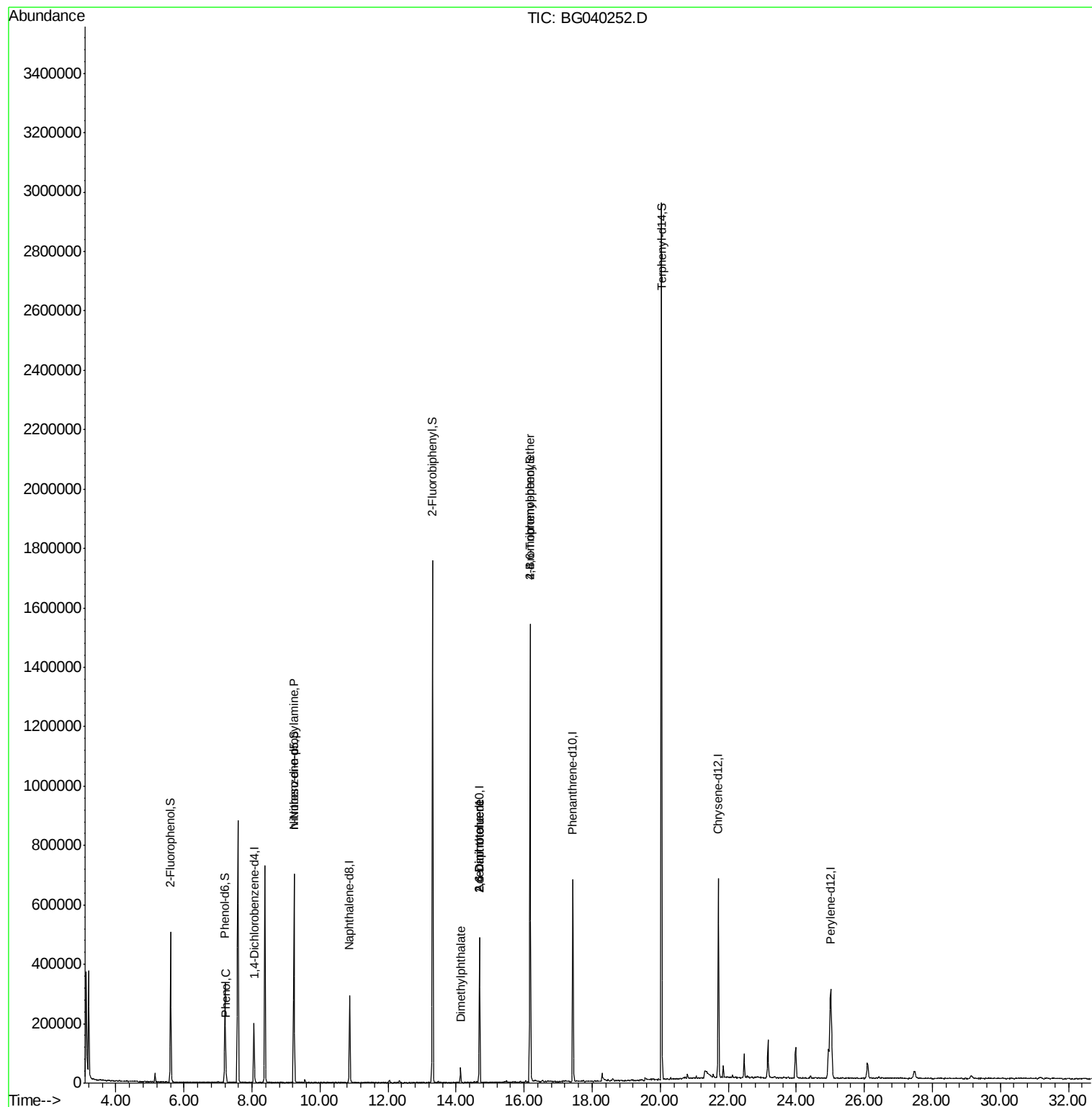
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56915	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	252428	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	170747	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	427207	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	425328	20.00	ng	-0.02
87) Perylene-d12	25.01	264	431745	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	217935	63.66	ng	-0.01
7) Phenol-d6	7.21	99	198704	42.00	ng	-0.02
23) Nitrobenzene-d5	9.23	82	414006	87.18	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	278792	151.08	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	997195	86.54	ng	-0.01
79) Terphenyl-d14	20.04	244	1571462	83.12	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	19140	3.727	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	9.23	70	53377	15.734	ng	# 76
50) Dimethylphthalate	14.13	163	36425	2.726	ng	# 98
51) 2,6-Dinitrotoluene	14.69	165	21746	7.247	ng	# 27
57) 2,4-Dinitrotoluene	14.69	165	21746	5.216	ng	# 27
67) 4-Bromophenyl-phenylether	16.18	248	21332	4.437	ng	# 1

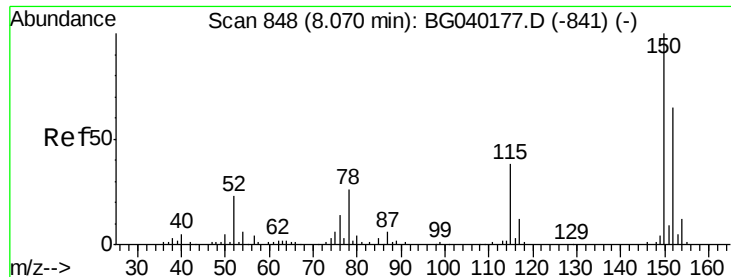
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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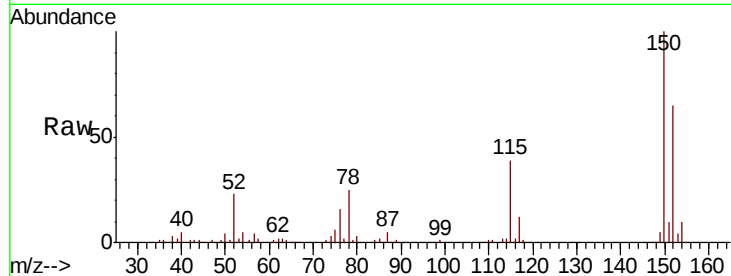




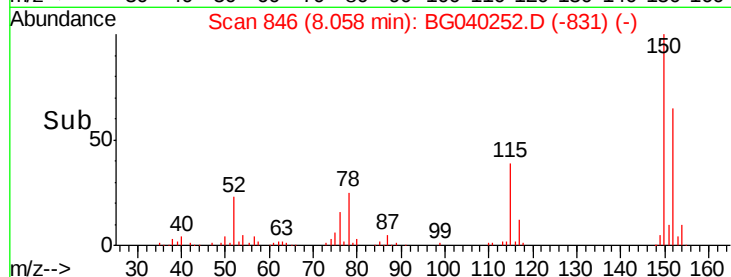
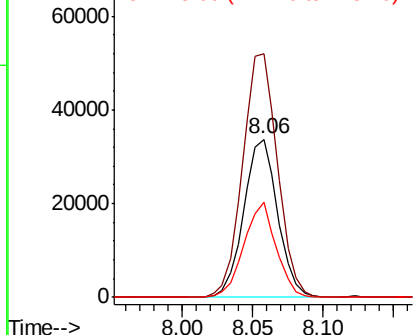
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG040252.D
 Acq: 30 Mar 2019 8:35

Instrument :
 BNA_G
 ClientSampleId :
 SUMP-PIT-1

Tgt Ion:152 Resp: 56915
 Ion Ratio Lower Upper
 152 100
 150 153.8 123.7 185.5
 115 60.1 46.9 70.3

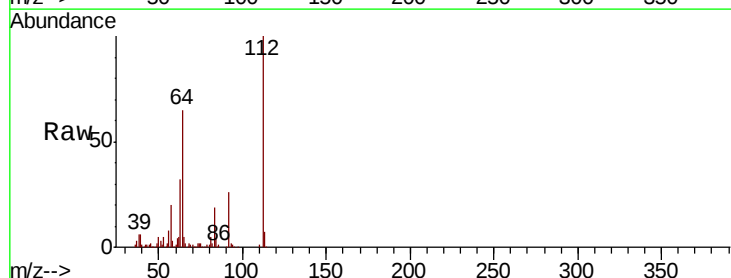


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

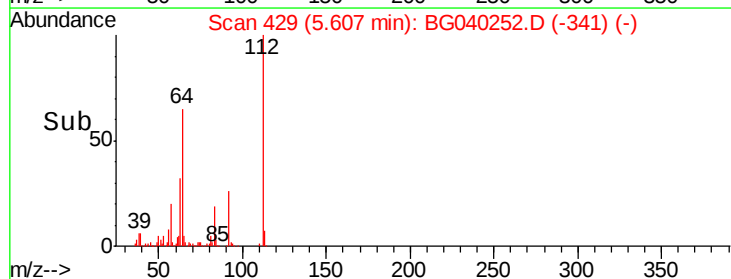
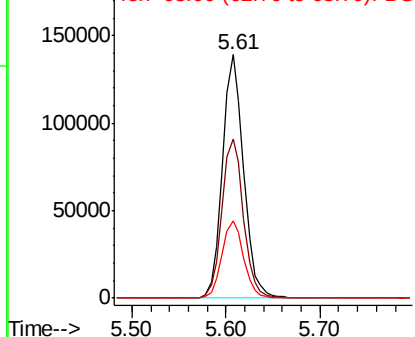


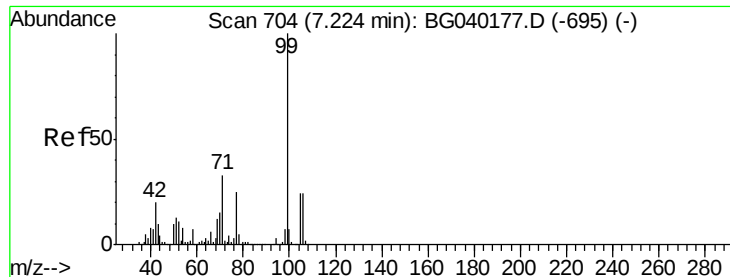
#5
 2-Fluorophenol
 Concen: 63.656 ng
 RT: 5.61 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BG040252.D
 Acq: 30 Mar 2019 8:35

Tgt Ion:112 Resp: 217935
 Ion Ratio Lower Upper
 112 100
 64 65.3 54.2 81.2
 63 31.6 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: 41.996 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040252.D

Acq: 30 Mar 2019 8:35

Instrument :

BNA_G

ClientSampleId :

SUMP-PIT-1

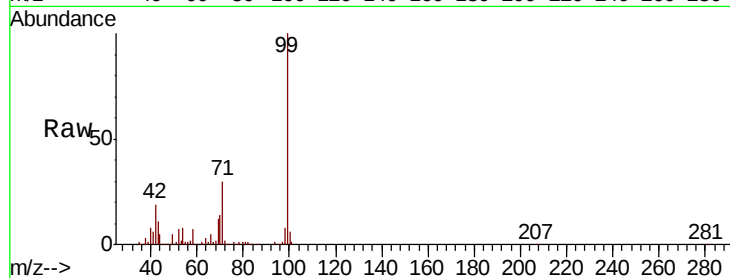
Tgt Ion: 99 Resp: 198704

Ion Ratio Lower Upper

99 100

42 19.0 16.2 24.2

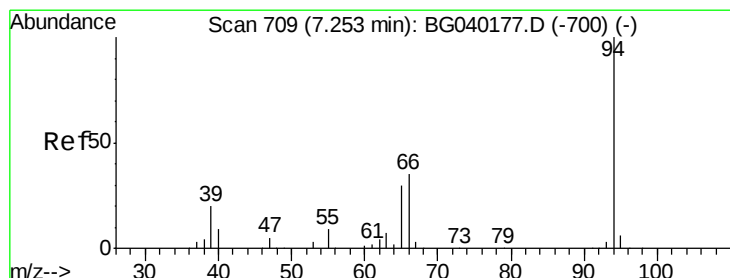
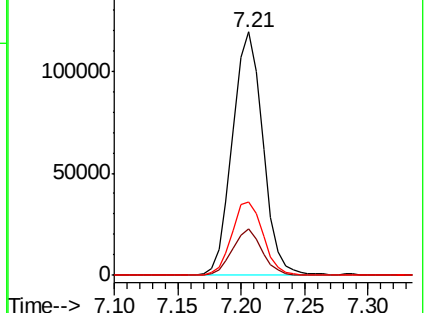
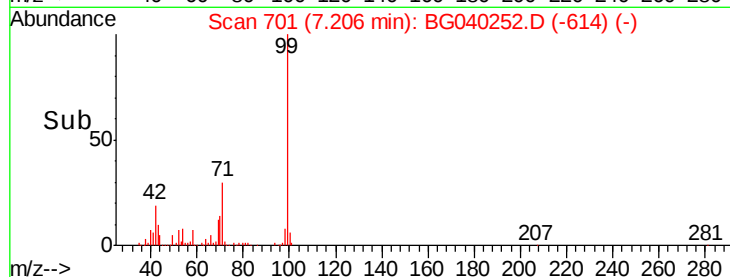
71 30.3 26.8 40.2



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



#10

Phenol

Concen: 3.727 ng

RT: 7.23 min Scan# 706

Delta R.T. -0.02 min

Lab File: BG040252.D

Acq: 30 Mar 2019 8:35

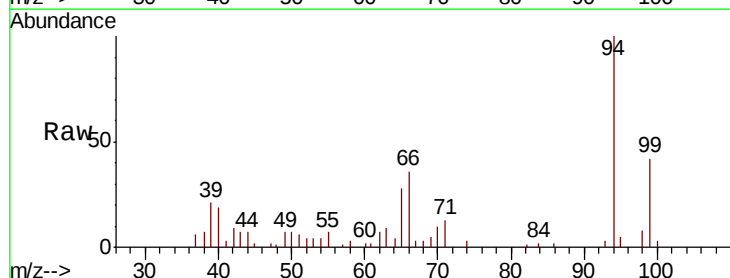
Tgt Ion: 94 Resp: 19140

Ion Ratio Lower Upper

94 100

65 28.0 10.5 50.5

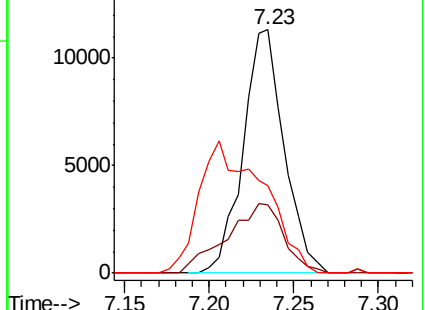
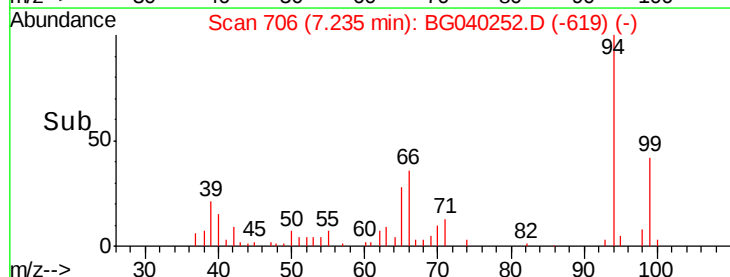
66 36.1 16.9 56.9

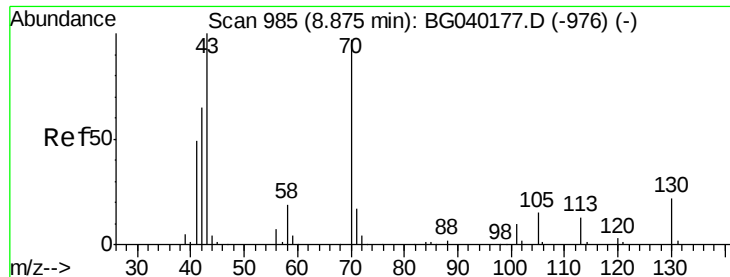


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

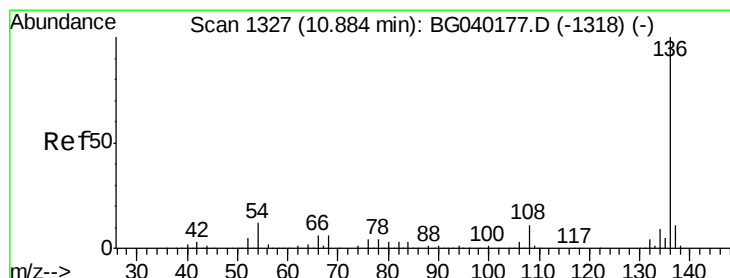
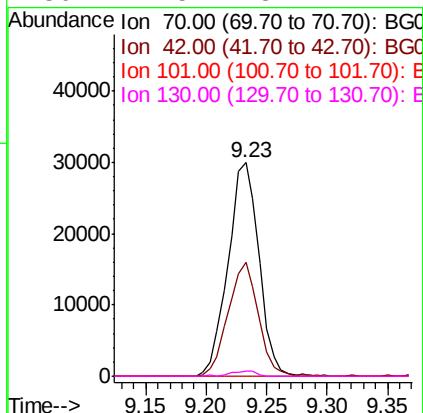
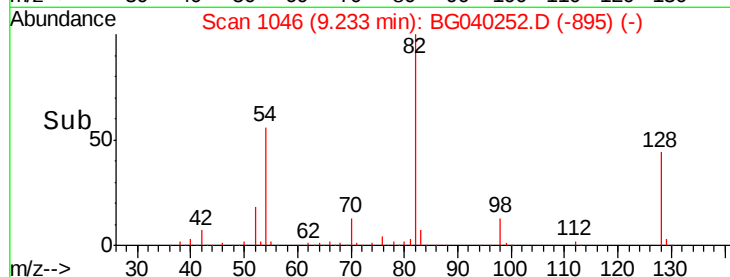
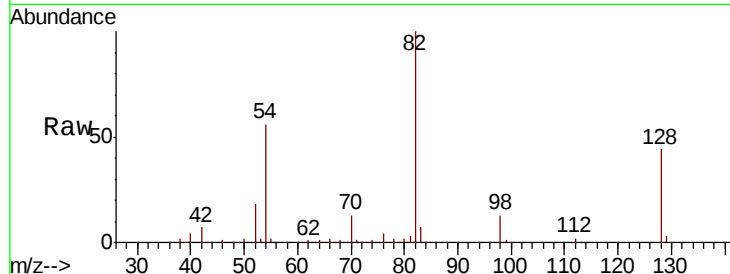




#19
n-Nitroso-di-n-propylamine
Concen: 15.734 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.36 min
Lab File: BG040252.D
Acq: 30 Mar 2019 8:35

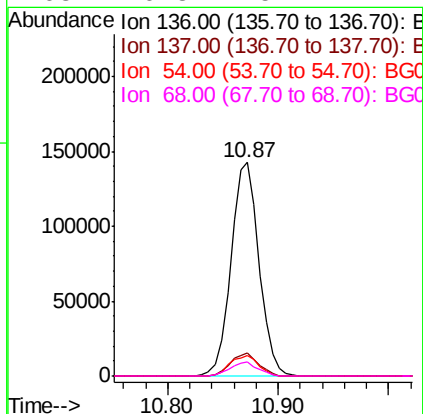
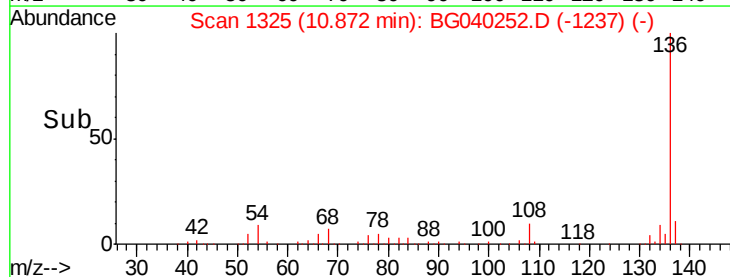
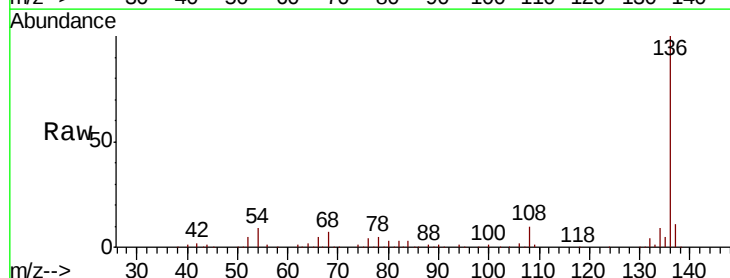
Instrument :
BNA_G
ClientSampleId :
SUMP-PIT-1

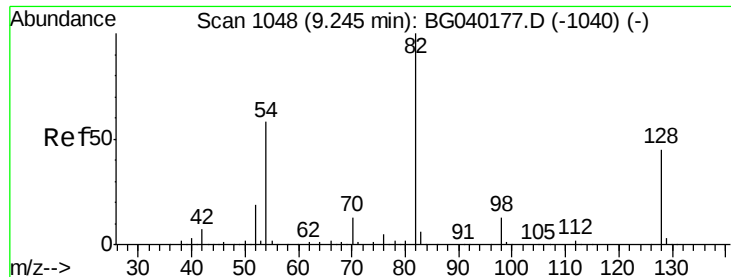
Tgt Ion: 70 Resp: 53377
Ion Ratio Lower Upper
70 100
42 53.5 54.0 81.0#
101 0.0 8.6 13.0#
130 2.5 18.2 27.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG040252.D
Acq: 30 Mar 2019 8:35

Tgt Ion: 136 Resp: 252428
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.5 9.6 14.4#
68 6.8 5.1 7.7

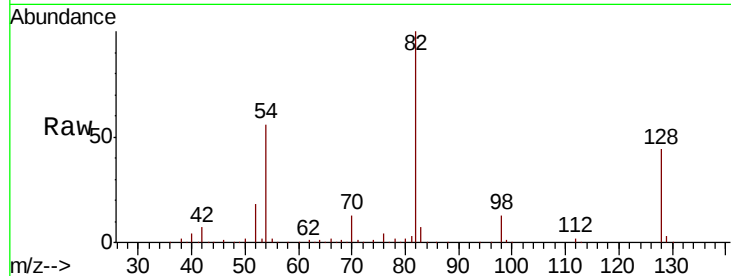




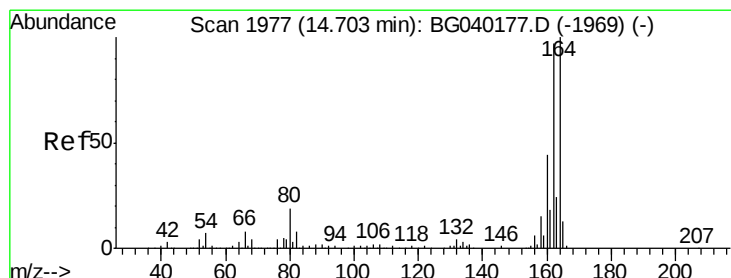
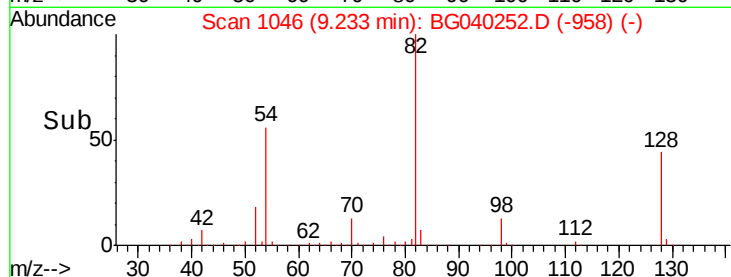
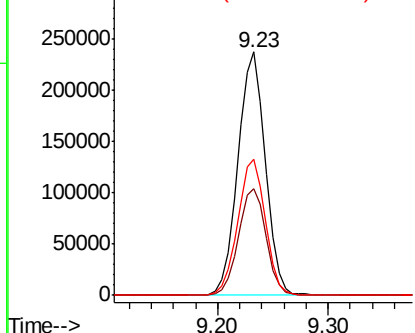
#23
Nitrobenzene-d5
Concen: 87.177 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG040252.D
Acq: 30 Mar 2019 8:35

Instrument :
BNA_G
ClientSampleId :
SUMP-PIT-1

Tgt Ion: 82 Resp: 414006
Ion Ratio Lower Upper
82 100
128 43.8 35.8 53.8
54 56.0 46.2 69.2

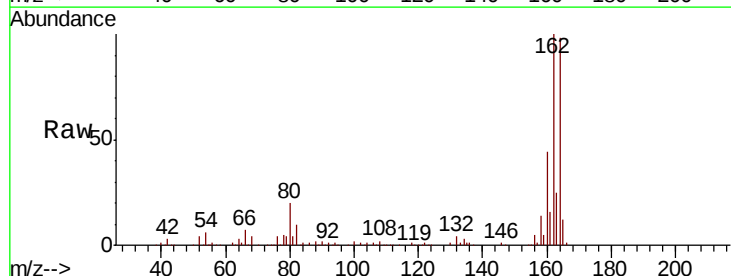


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

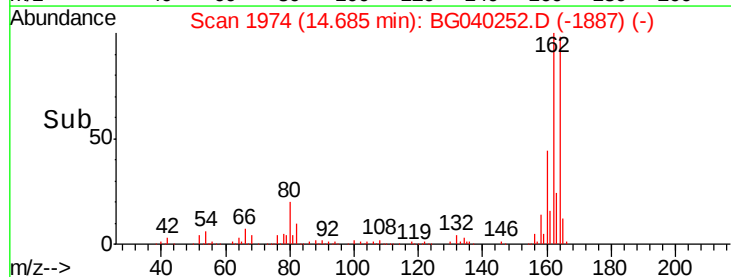
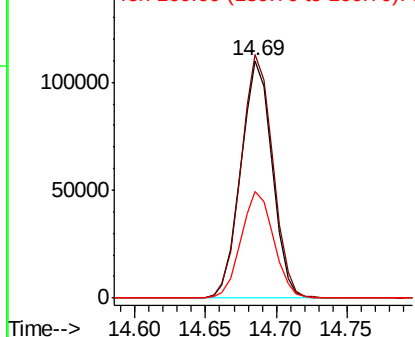


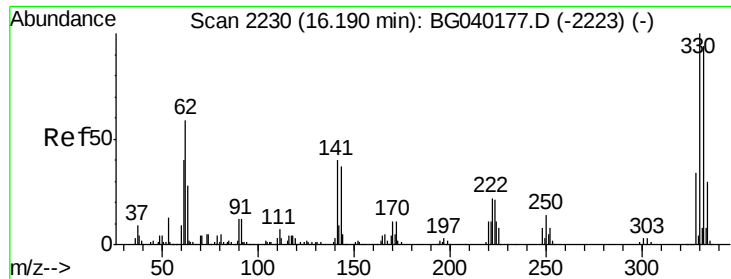
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040252.D
Acq: 30 Mar 2019 8:35

Tgt Ion: 164 Resp: 170747
Ion Ratio Lower Upper
164 100
162 102.5 77.4 116.2
160 44.7 35.3 52.9



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: 151.080 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG040252.D

Acq: 30 Mar 2019 8:35

Instrument :

BNA_G

ClientSampleId :

SUMP-PIT-1

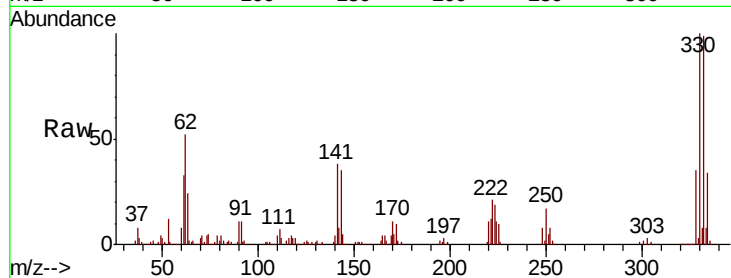
Tgt Ion:330 Resp: 278792

Ion Ratio Lower Upper

330 100

332 97.9 76.6 115.0

141 39.4 32.6 48.8

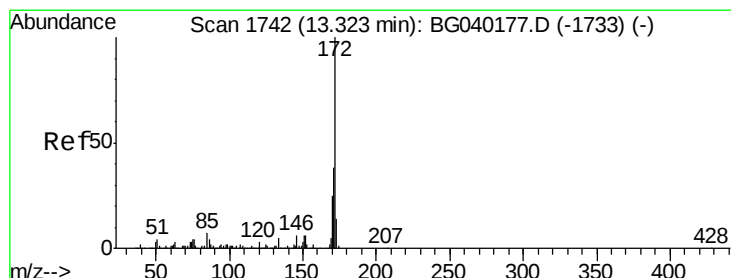
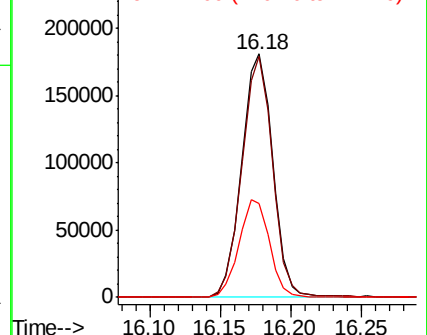
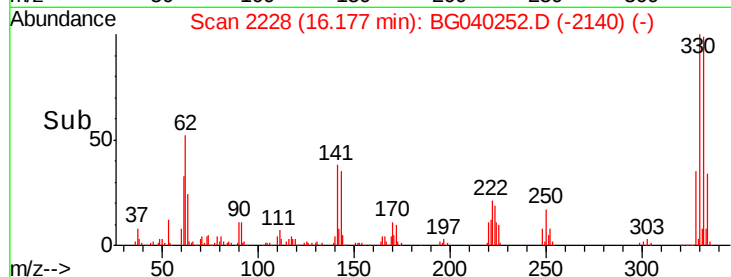


Abundance

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: 86.538 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG040252.D

Acq: 30 Mar 2019 8:35

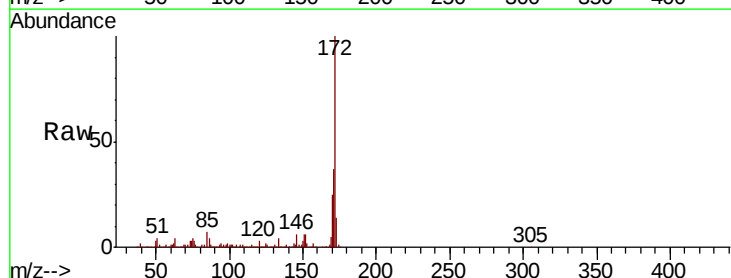
Tgt Ion:172 Resp: 997195

Ion Ratio Lower Upper

172 100

171 37.2 30.5 45.7

170 24.7 20.1 30.1

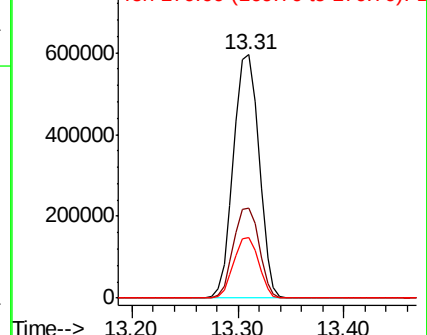
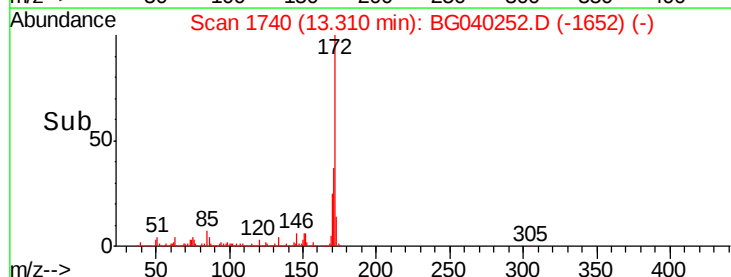


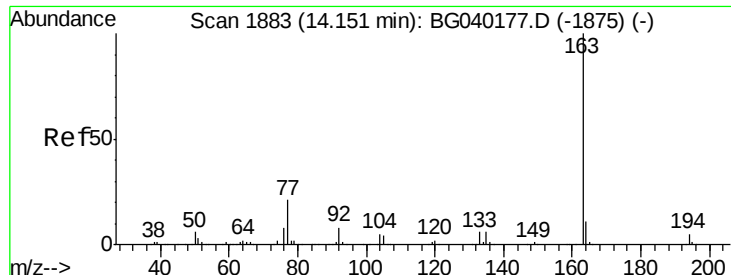
Abundance

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: 2.726 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG040252.D

Acq: 30 Mar 2019 8:35

Instrument :

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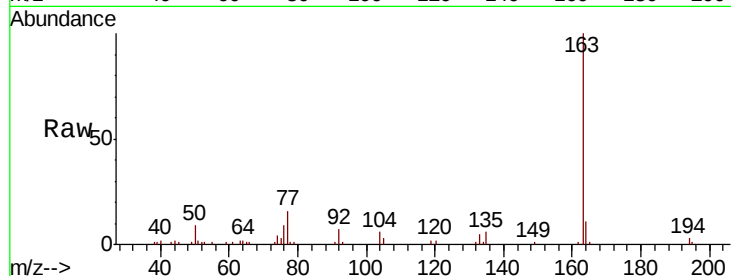
Tgt Ion:163 Resp: 36425

Ion Ratio Lower Upper

163 100

194 3.4 4.1 6.1#

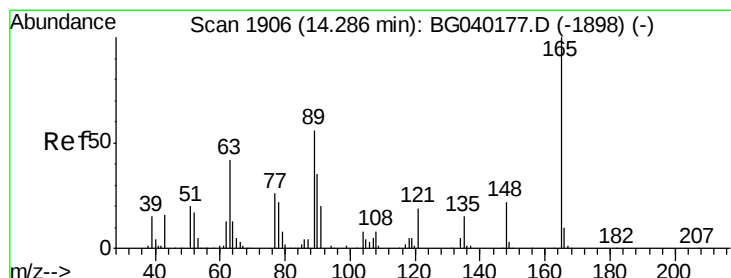
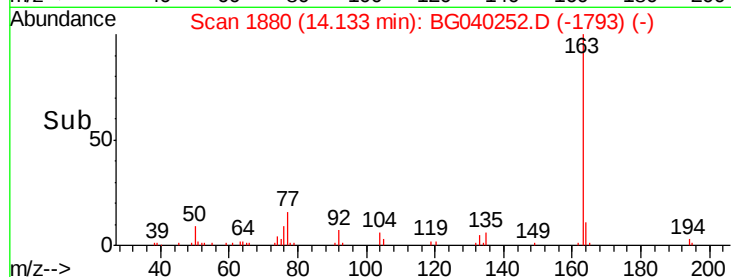
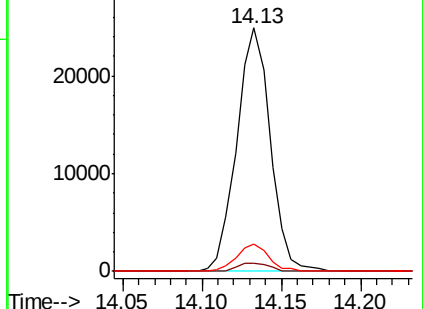
164 11.0 8.6 13.0



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



#51

2,6-Dinitrotoluene

Concen: 7.247 ng

RT: 14.69 min Scan# 1974

Delta R.T. 0.40 min

Lab File: BG040252.D

Acq: 30 Mar 2019 8:35

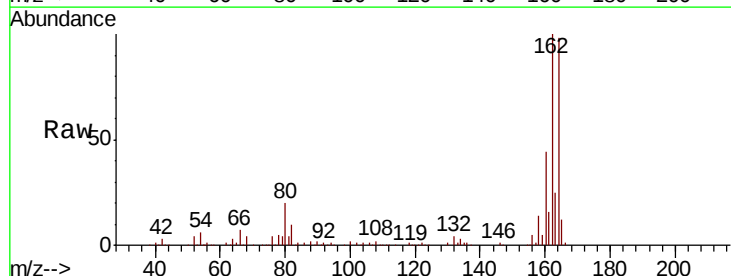
Tgt Ion:165 Resp: 21746

Ion Ratio Lower Upper

165 100

63 1.7 44.1 66.1#

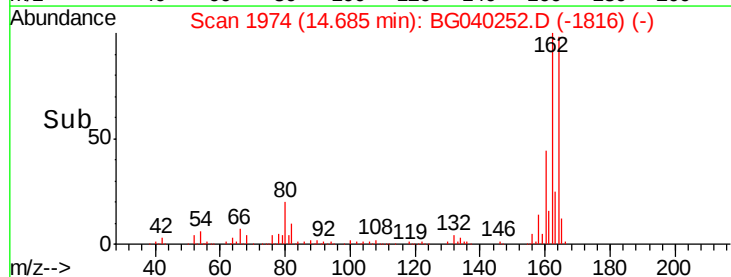
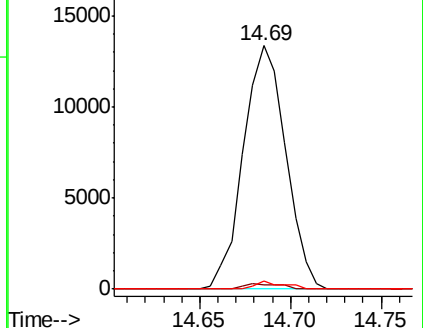
89 3.2 44.9 67.3#

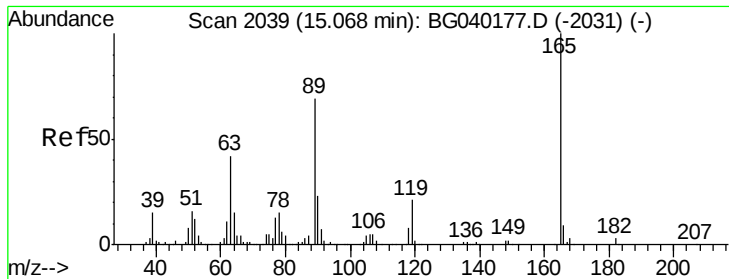


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

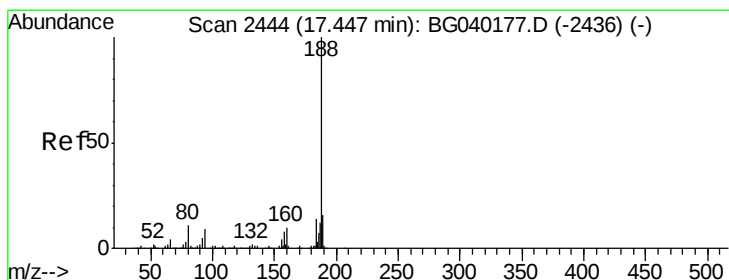
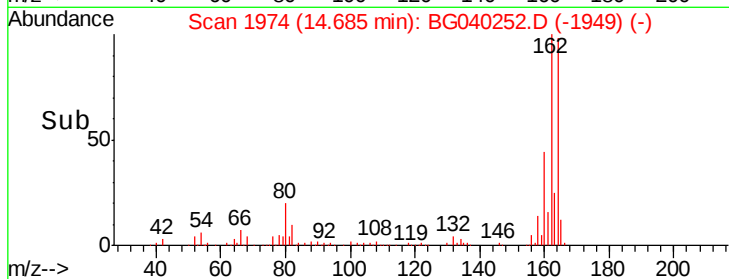
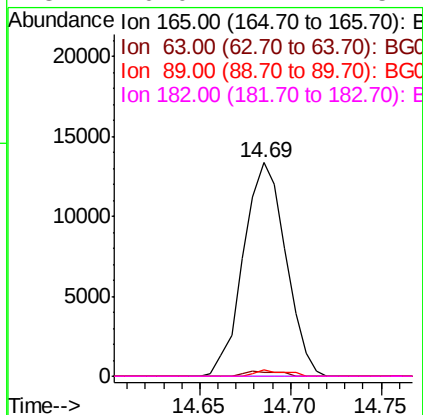
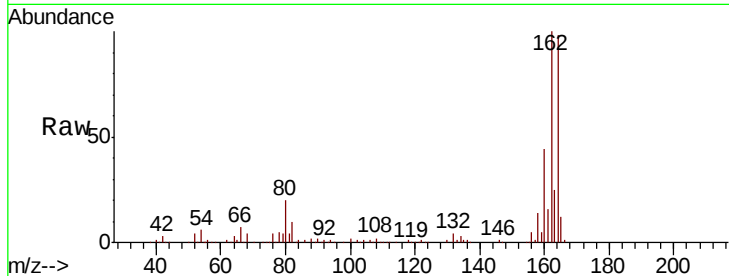




#57
 2,4-Dinitrotoluene
 Concen: 5.216 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG040252.D
 Acq: 30 Mar 2019 8:35

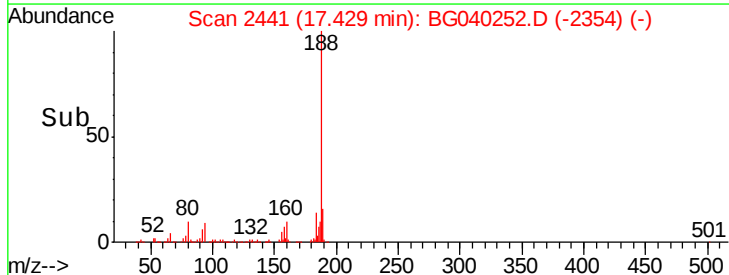
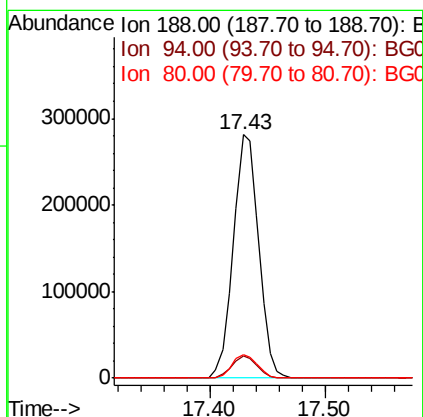
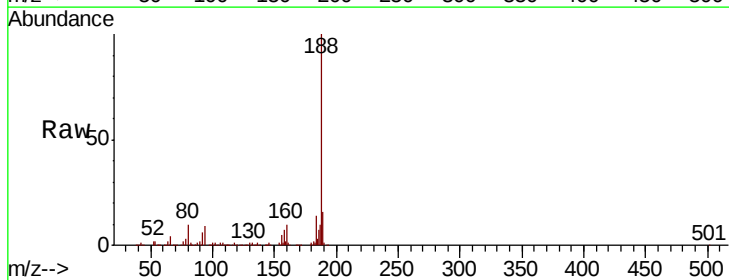
Instrument :
 BNA_G
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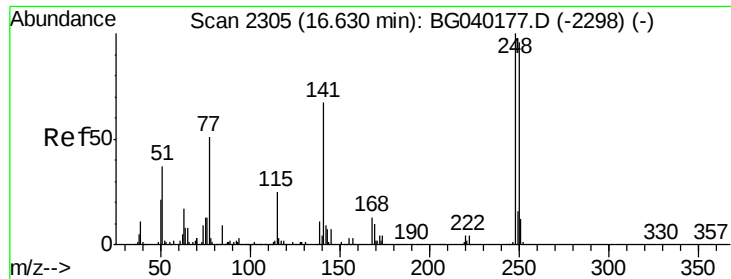
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.8	50.6#
89	3.2	55.4	83.2#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG040252.D
 Acq: 30 Mar 2019 8:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.4
80	9.7	8.6	13.0

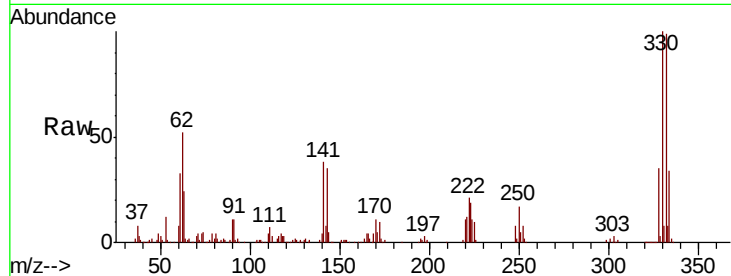




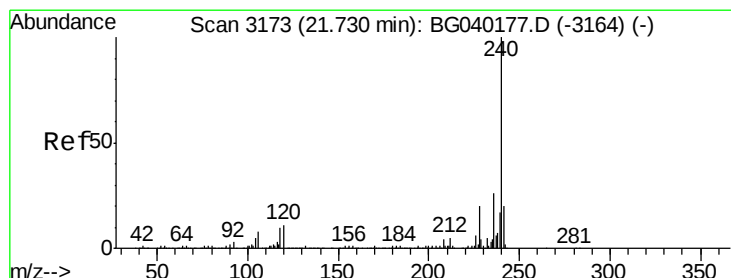
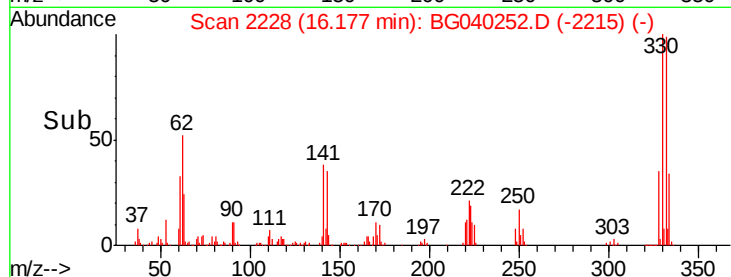
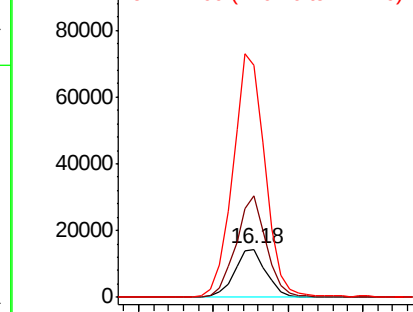
#67
 4-Bromophenyl-phenylether
 Concen: 4.437 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.45 min
 Lab File: BG040252.D
 Acq: 30 Mar 2019 8:35

Instrument :
 BNA_G
 ClientSampleId :
 SUMP-PIT-1

Tgt Ion:248 Resp: 21332
 Ion Ratio Lower Upper
 248 100
 250 212.0 76.4 114.6#
 141 483.8 53.8 80.8#

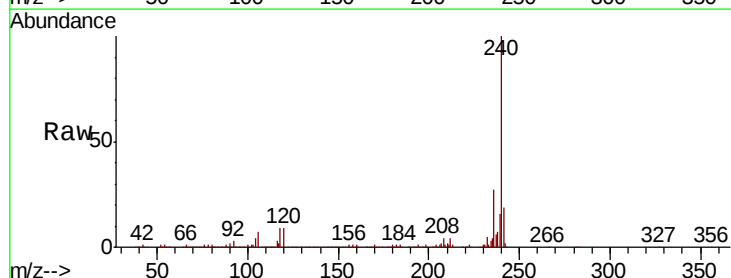


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

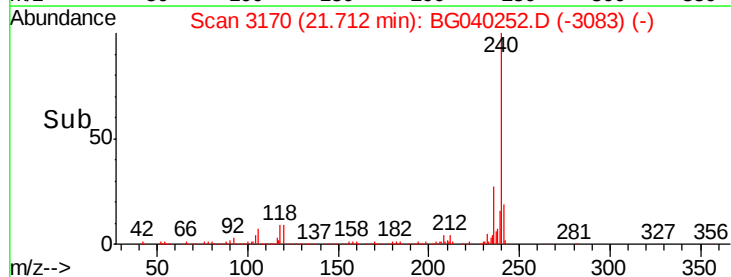
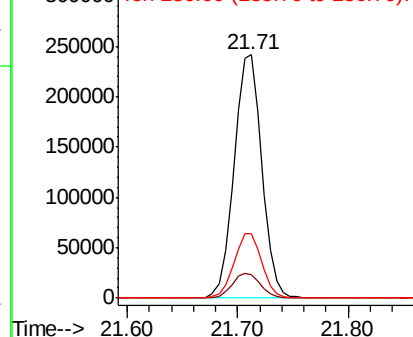


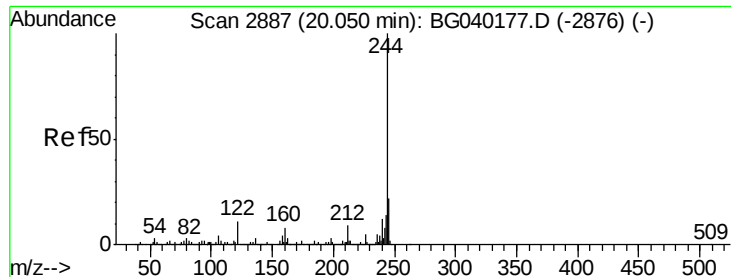
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.02 min
 Lab File: BG040252.D
 Acq: 30 Mar 2019 8:35

Tgt Ion:240 Resp: 425328
 Ion Ratio Lower Upper
 240 100
 120 9.5 8.4 12.6
 236 26.6 20.8 31.2



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: 83.118 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG040252.D

Acq: 30 Mar 2019 8:35

Instrument :

BNA_G

ClientSampleId :

SUMP-PIT-1

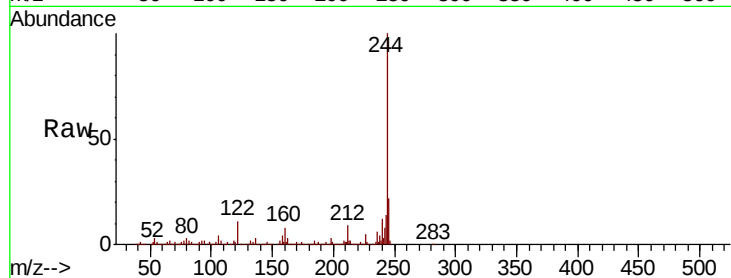
Tgt Ion:244 Resp: 1571462

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

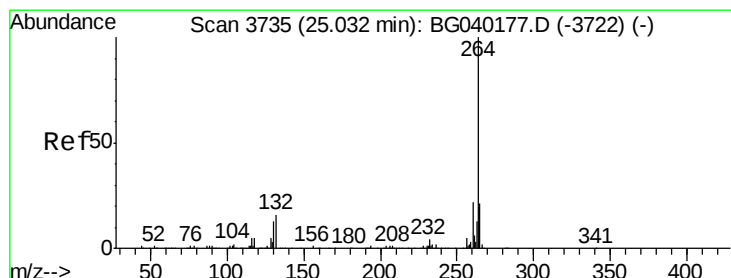
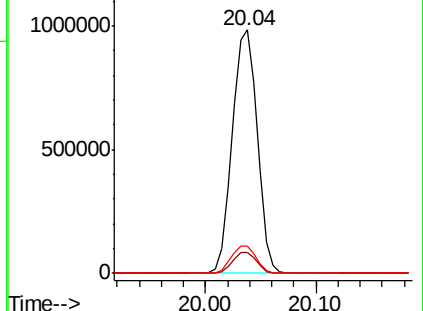
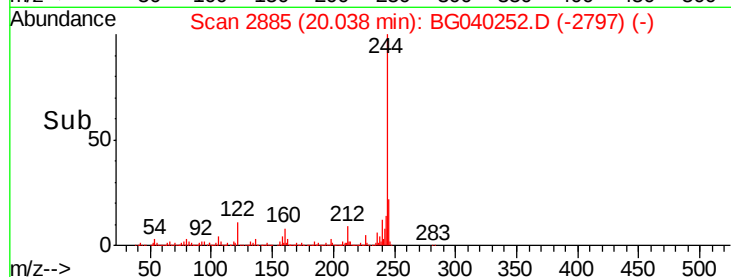
122 11.1 8.5 12.7



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# 3731

Delta R.T. -0.02 min

Lab File: BG040252.D

Acq: 30 Mar 2019 8:35

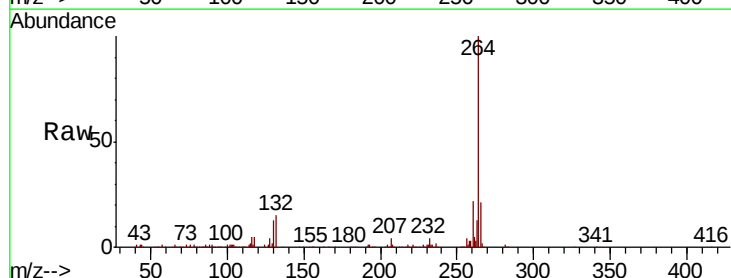
Tgt Ion:264 Resp: 431745

Ion Ratio Lower Upper

264 100

260 22.0 17.9 26.9

265 21.5 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

