

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040219\
 Data File : BG040323.D
 Acq On : 3 Apr 2019 10:47
 Operator : JU/SJ
 Sample : K2182-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 16:18:52 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

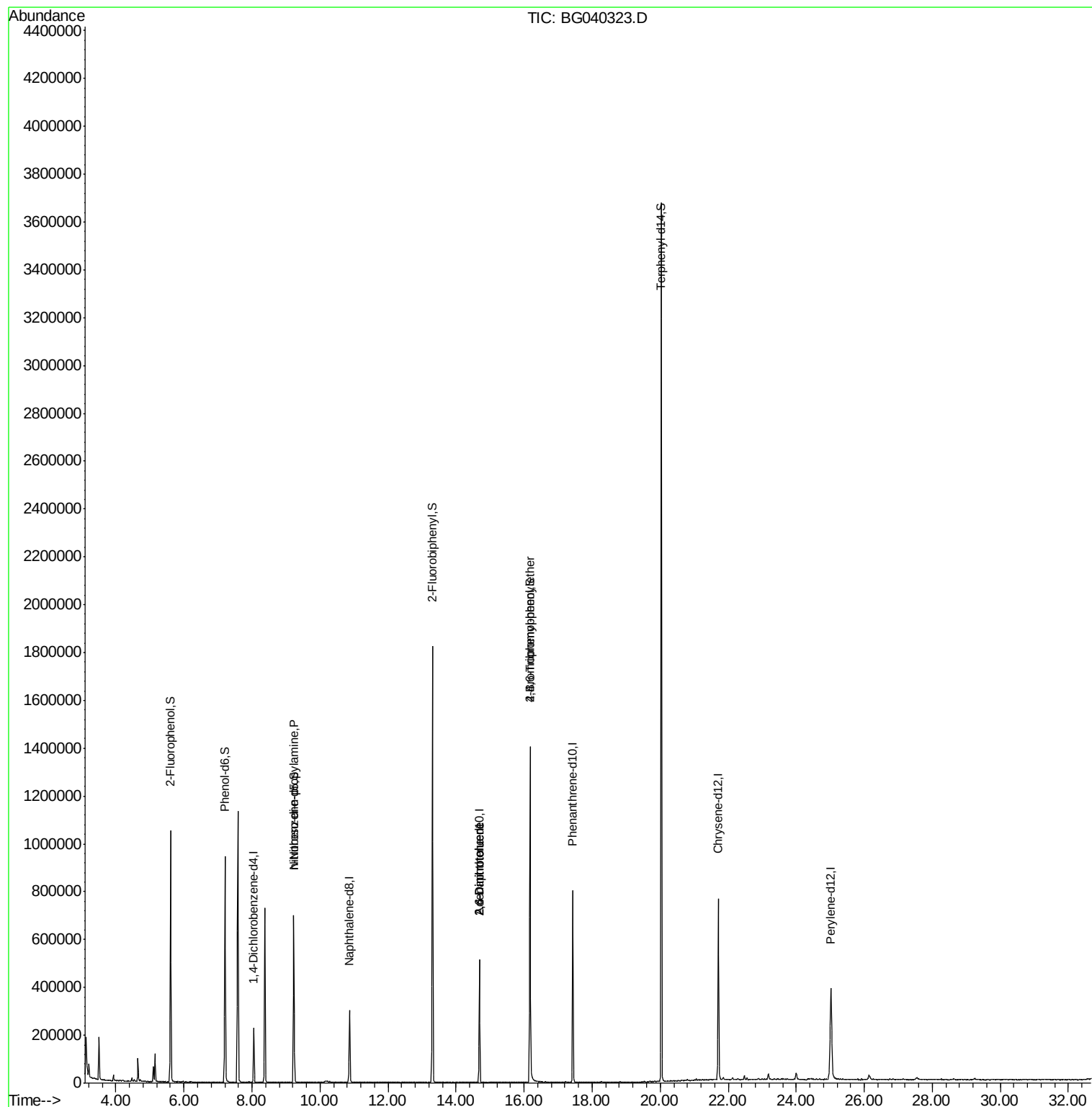
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	63244	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	263189	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	181220	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	482629	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	485058	20.00	ng	-0.02
87) Perylene-d12	25.02	264	480476	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	446850	117.46	ng	-0.01
7) Phenol-d6	7.21	99	558862	106.29	ng	-0.02
23) Nitrobenzene-d5	9.23	82	431380	87.12	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	267070	136.36	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	962971	78.74	ng	-0.02
79) Terphenyl-d14	20.03	244	1730975	80.28	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	53426	14.173	ng	# 73
51) 2,6-Dinitrotoluene	14.68	165	22603	7.098	ng	# 24
57) 2,4-Dinitrotoluene	14.68	165	22603	5.108	ng	# 24
67) 4-Bromophenyl-phenylether	16.17	248	19873	3.659	ng	# 1

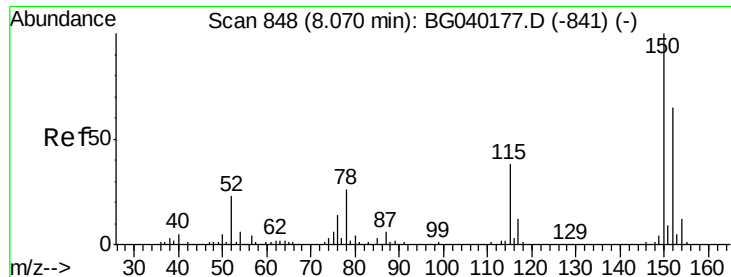
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 28 05:47:00 2019
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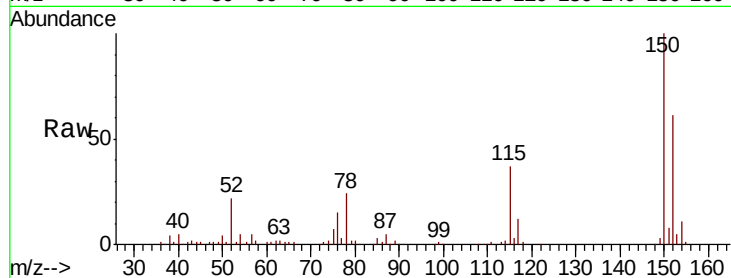


#1

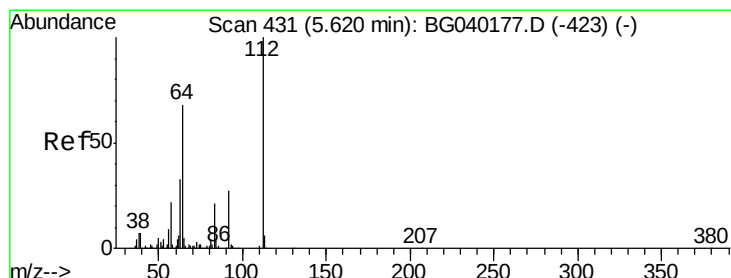
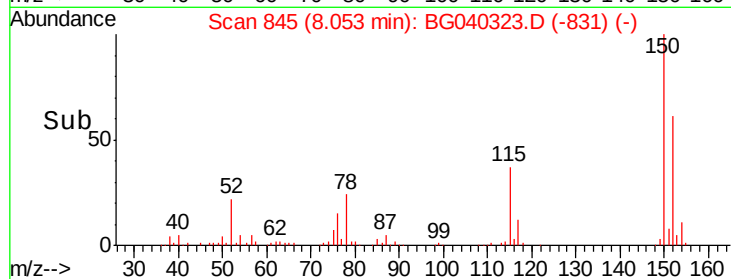
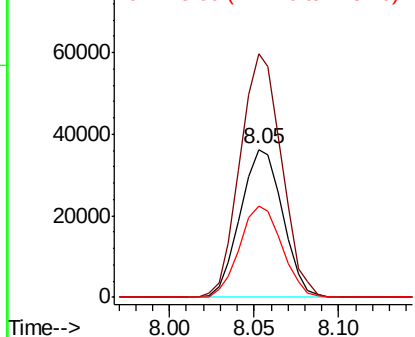
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040323.D
Acq: 3 Apr 2019 10:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63244
Ion Ratio Lower Upper
152 100
150 164.4 123.7 185.5
115 61.5 46.9 70.3



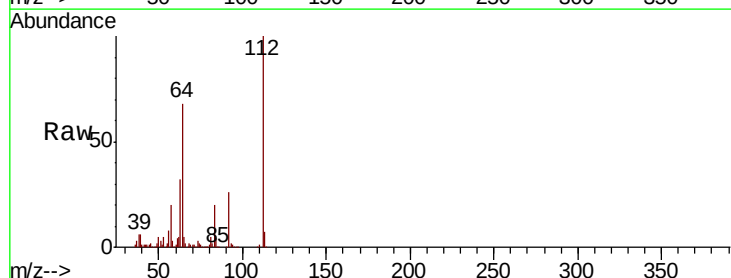
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



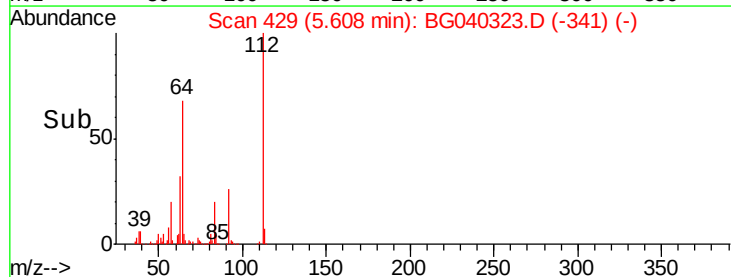
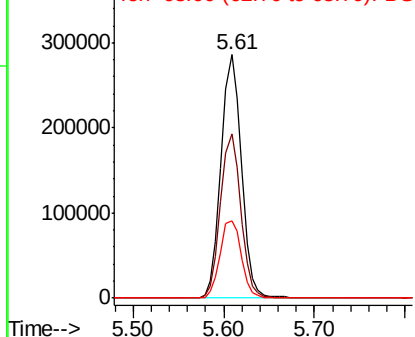
#5

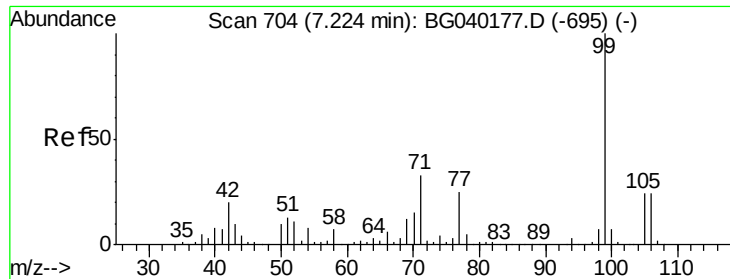
2-Fluorophenol
Concen: 117.458 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040323.D
Acq: 3 Apr 2019 10:47

Tgt Ion:112 Resp: 446850
Ion Ratio Lower Upper
112 100
64 67.5 54.2 81.2
63 31.9 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: 106.294 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040323.D

Acq: 3 Apr 2019 10:47

Instrument :

BNA_F

ClientSampleId :

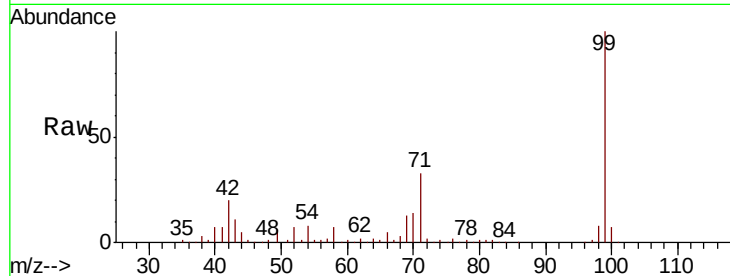
Tot Ion: 99 Resp: 558862

Ion Ratio Lower Upper

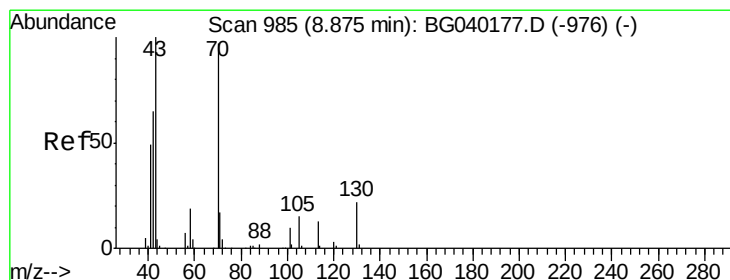
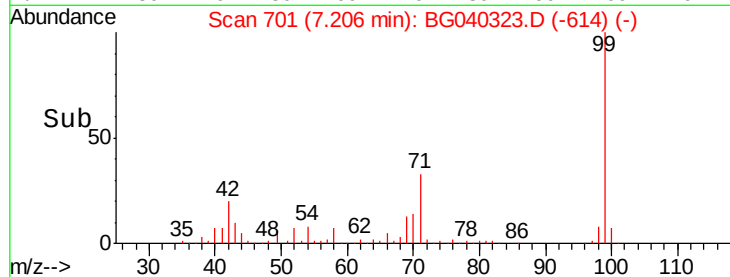
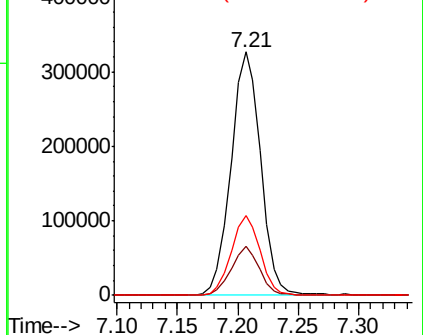
99 100

42 20.3 16.2 24.2

71 32.7 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: 14.173 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.35 min

Lab File: BG040323.D

Acq: 3 Apr 2019 10:47

Tgt Ion: 70 Resp: 53426

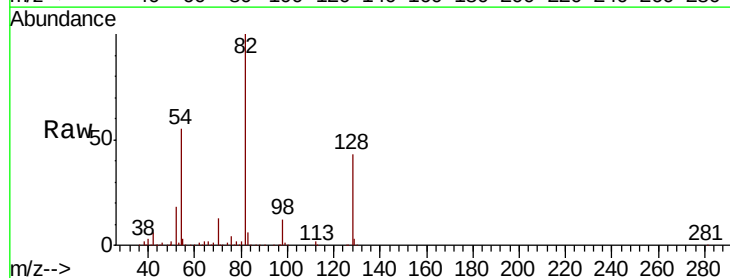
Ion Ratio Lower Upper

70 100

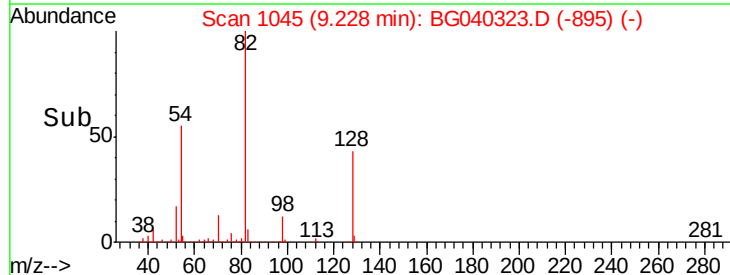
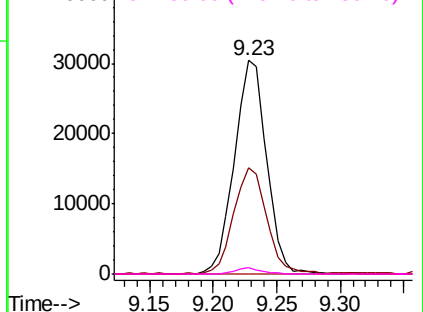
42 49.8 54.0 81.0#

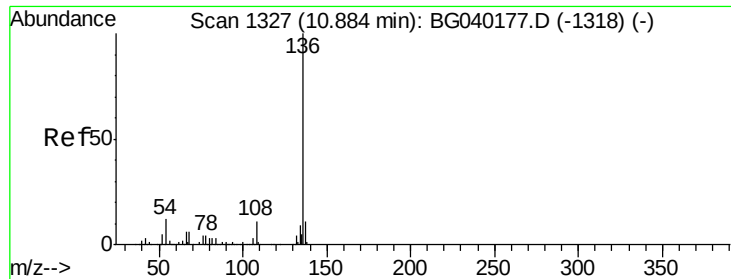
101 0.0 8.6 13.0#

130 3.1 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

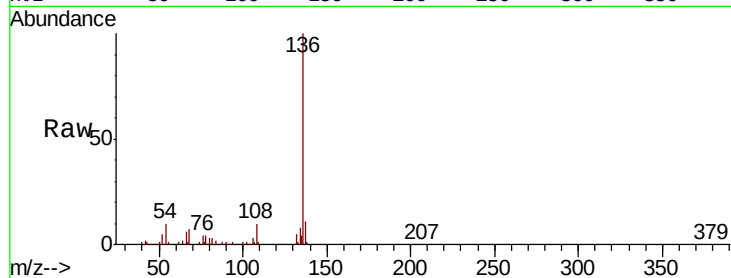




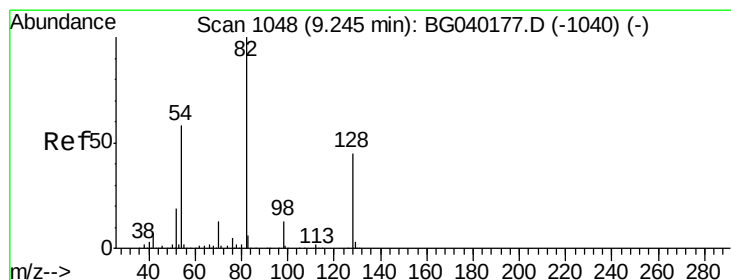
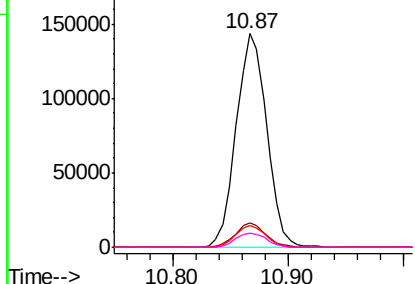
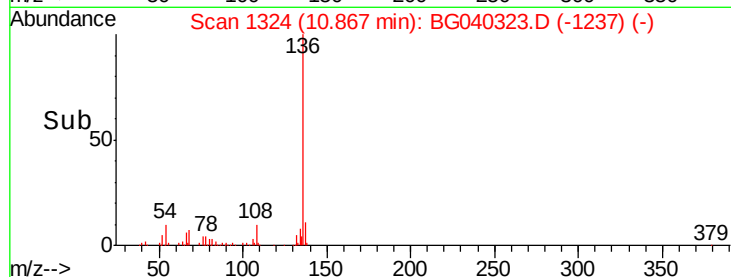
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040323.D
Acq: 3 Apr 2019 10:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	263189
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.9	13.3
54 10.2	9.6	14.4
68 6.8	5.1	7.7

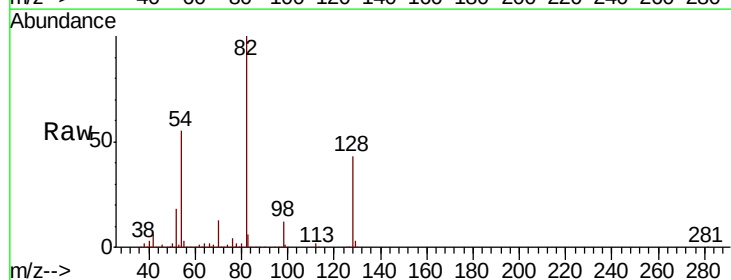


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

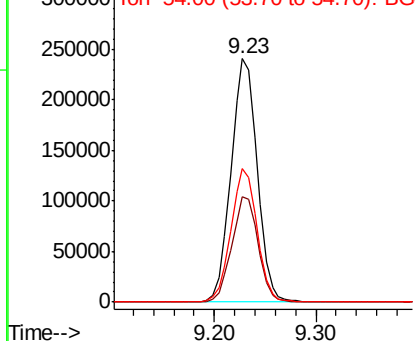
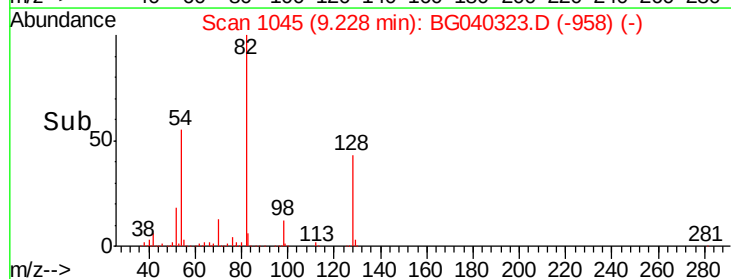


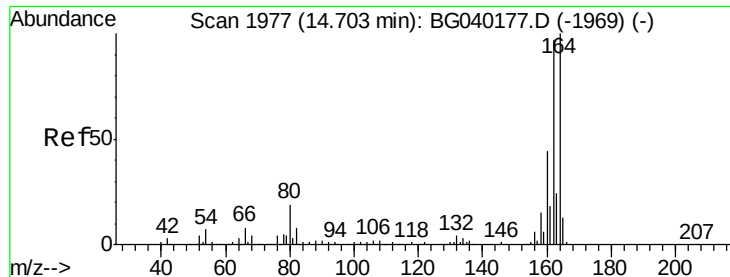
#23
Nitrobenzene-d5
Concen: 87.121 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040323.D
Acq: 3 Apr 2019 10:47

Tgt Ion: 82	Resp: 431380
Ion Ratio	Lower Upper
82 100	
128 43.4	35.8 53.8
54 54.9	46.2 69.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
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: BG040323.D

Acq: 3 Apr 2019 10:47

Instrument :

BNA_F

ClientSampleId :

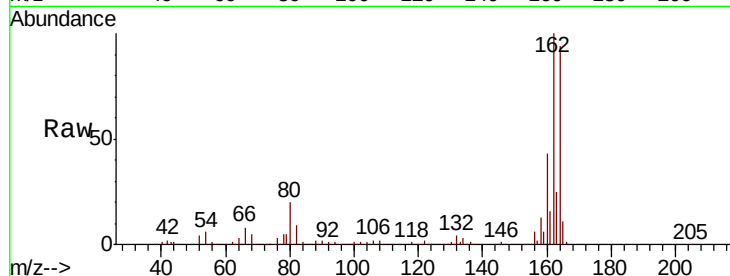
Tot Ion:164 Resp: 181220

Ion Ratio Lower Upper

164 100

162 106.7 77.4 116.2

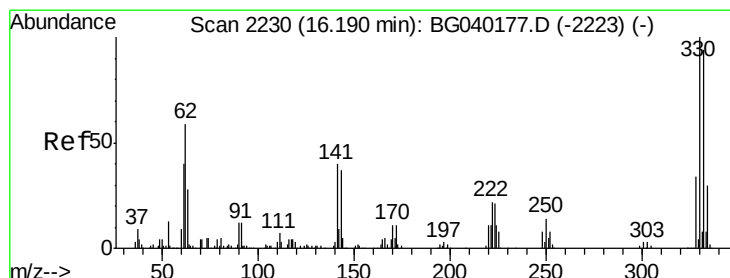
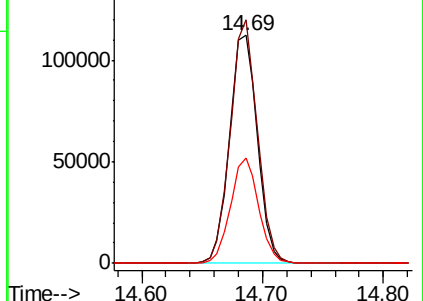
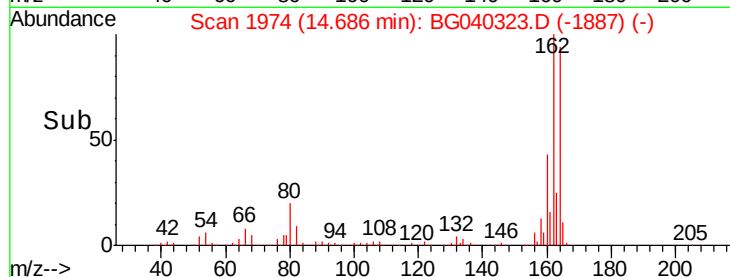
160 46.1 35.3 52.9



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: 136.363 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG040323.D

Acq: 3 Apr 2019 10:47

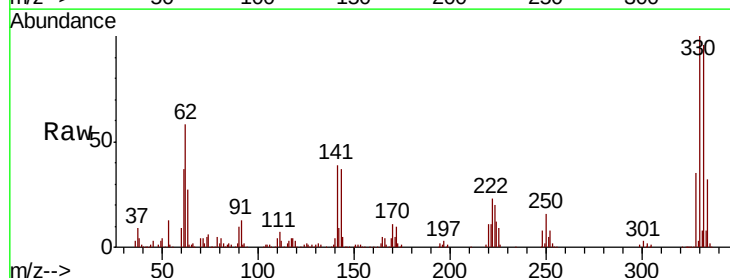
Tgt Ion:330 Resp: 267070

Ion Ratio Lower Upper

330 100

332 98.7 76.6 115.0

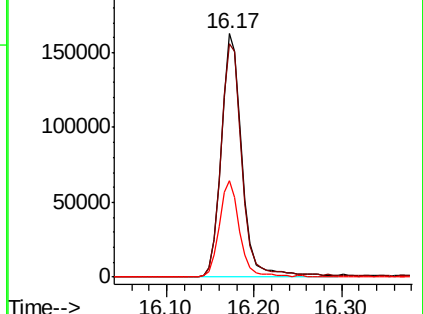
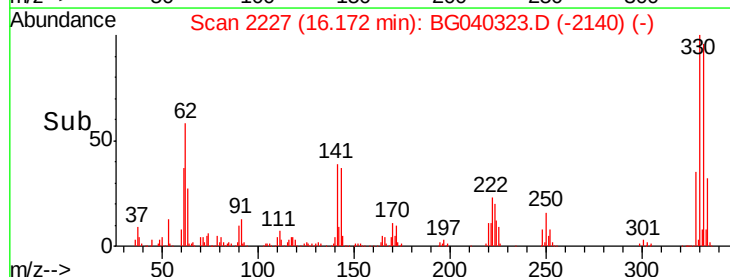
141 38.5 32.6 48.8

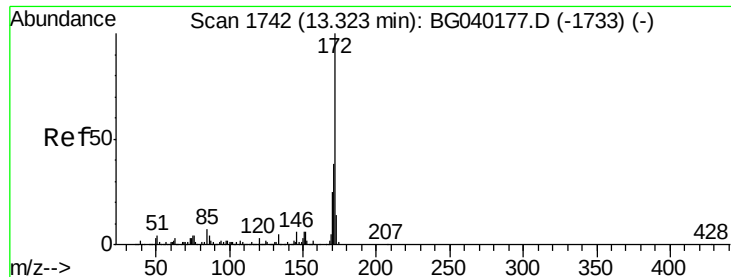


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

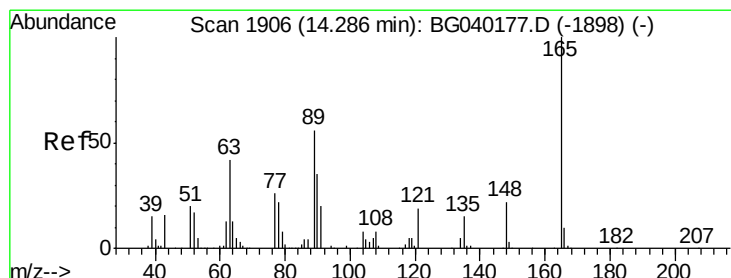
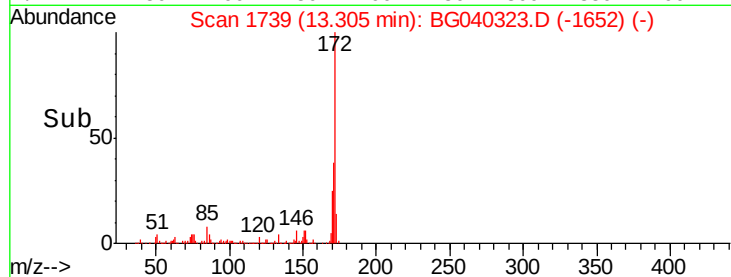
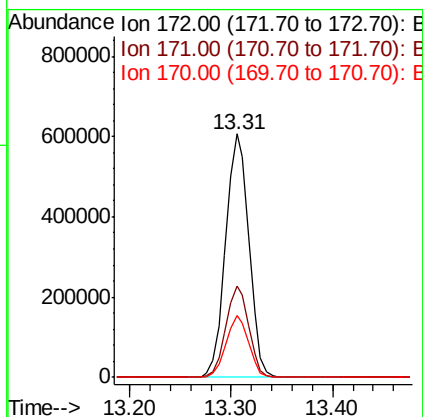
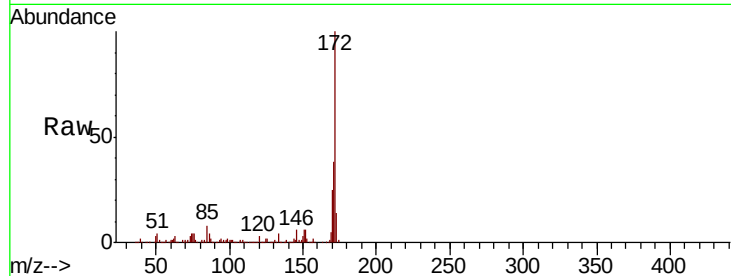




#45
2-Fluorobiphenyl
Concen: 78.738 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040323.D
Acq: 3 Apr 2019 10:47

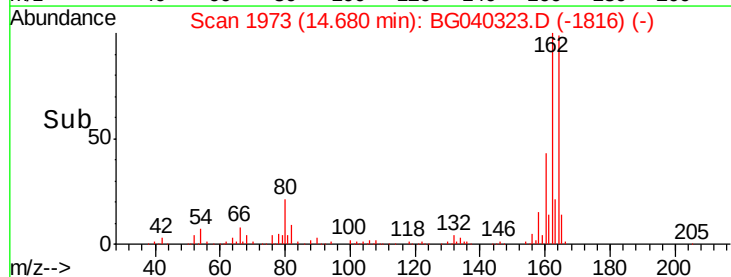
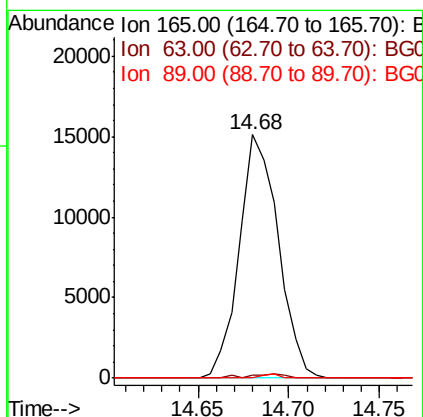
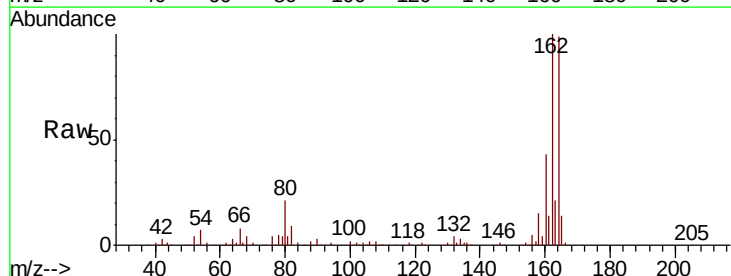
Instrument :
BNA_F
ClientSampleId :

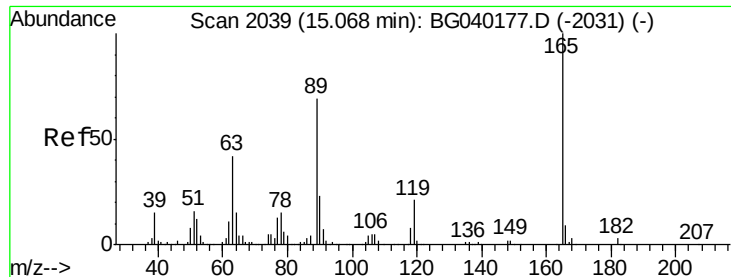
Tot Ion:172 Resp: 962971
Ion Ratio Lower Upper
172 100
171 37.5 30.5 45.7
170 25.2 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.098 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.39 min
Lab File: BG040323.D
Acq: 3 Apr 2019 10:47

Tgt Ion:165 Resp: 22603
Ion Ratio Lower Upper
165 100
63 1.1 44.1 66.1#
89 0.0 44.9 67.3#

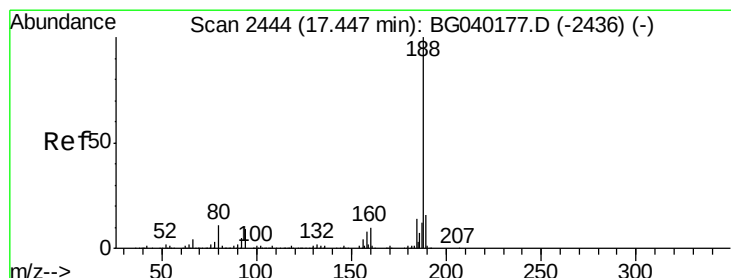
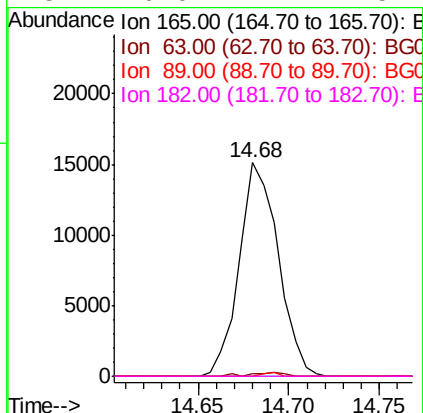
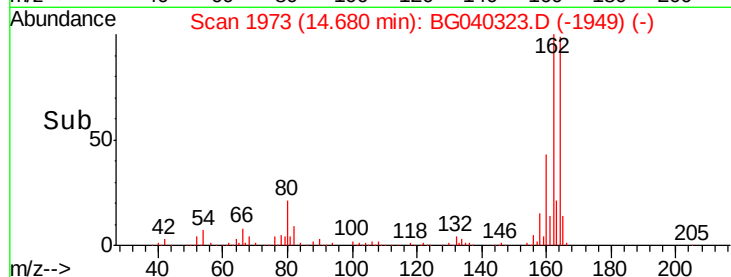
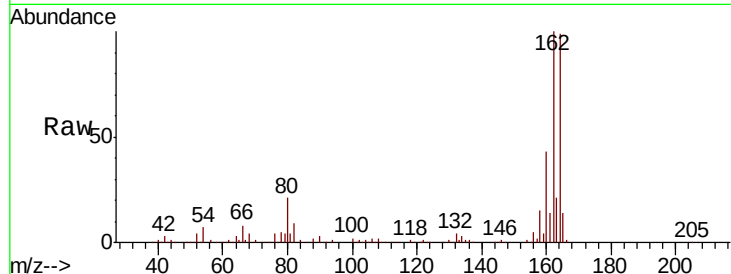




#57
 2,4-Dinitrotoluene
 Concen: 5.108 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.39 min
 Lab File: BG040323.D
 Acq: 3 Apr 2019 10:47

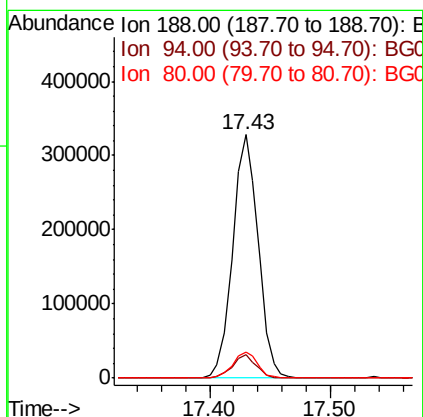
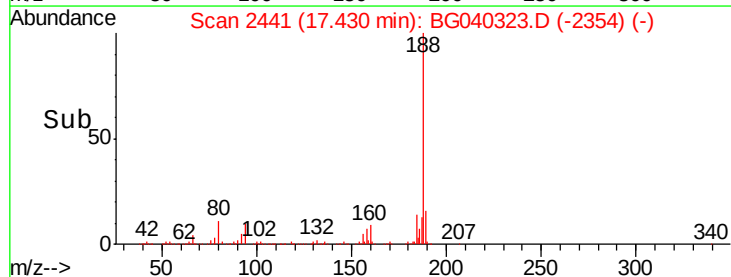
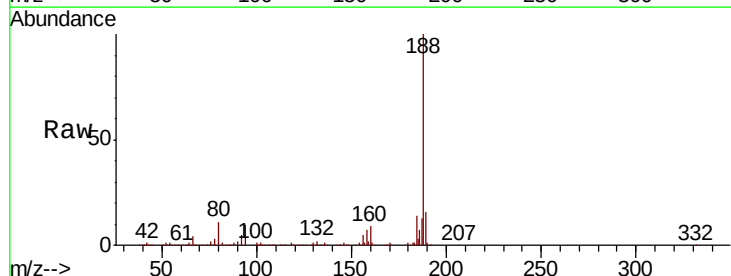
Instrument :
 BNA_F
 ClientSampleId :

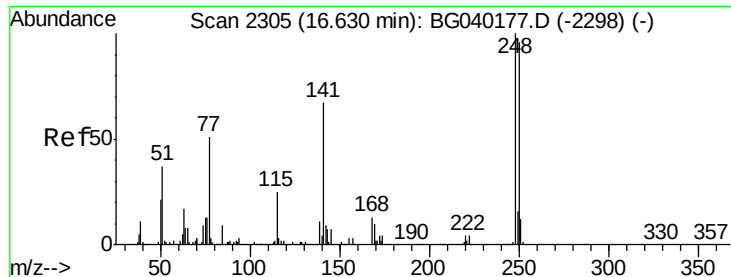
Tot Ion:165	Resp:	22603	
Ion Ratio	Lower	Upper	
165 100			
63 1.1	33.8	50.6#	
89 0.0	55.4	83.2#	
182 0.0	2.2	3.4#	



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG040323.D
 Acq: 3 Apr 2019 10:47

Tgt	Ion:188	Resp:	482629
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.0	10.4
80	10.9	8.6	13.0

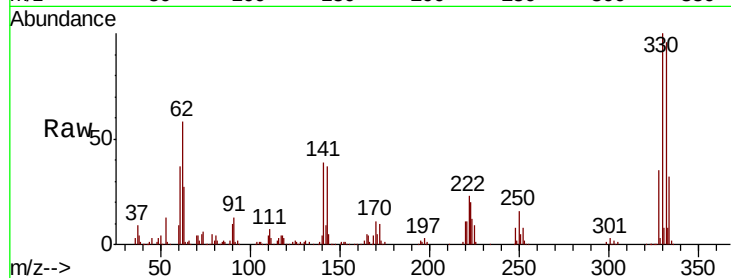




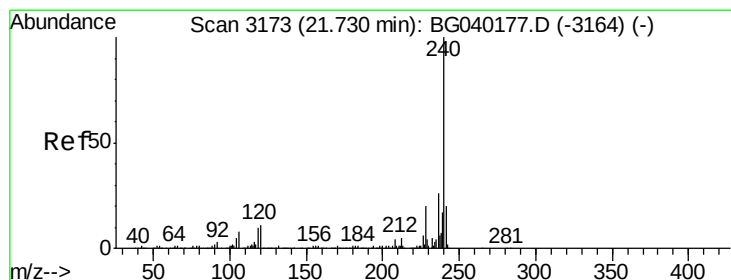
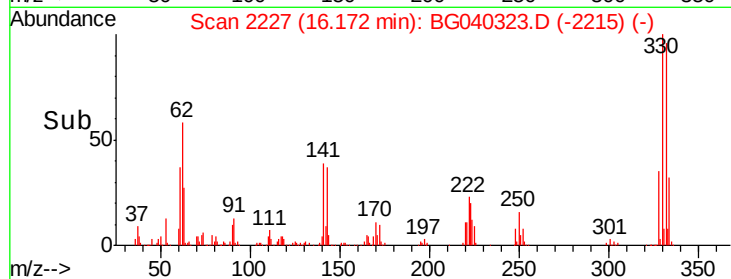
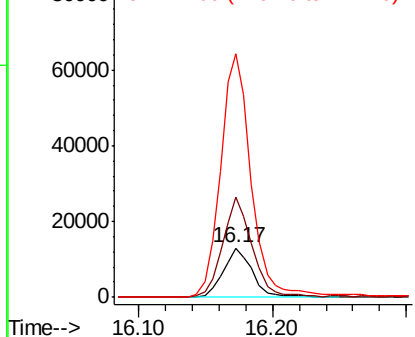
#67
 4-Bromophenyl-phenylether
 Concen: 3.659 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.46 min
 Lab File: BG040323.D
 Acq: 3 Apr 2019 10:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 19873
 Ion Ratio Lower Upper
 248 100
 250 204.3 76.4 114.6#
 141 493.5 53.8 80.8#

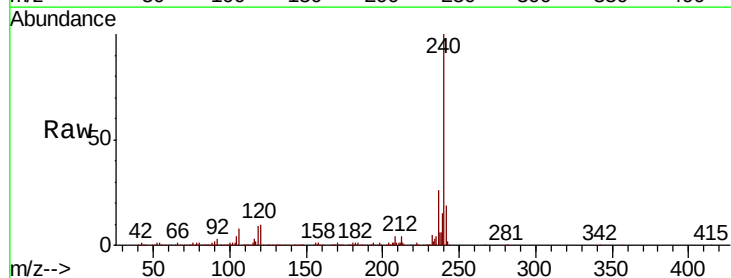


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

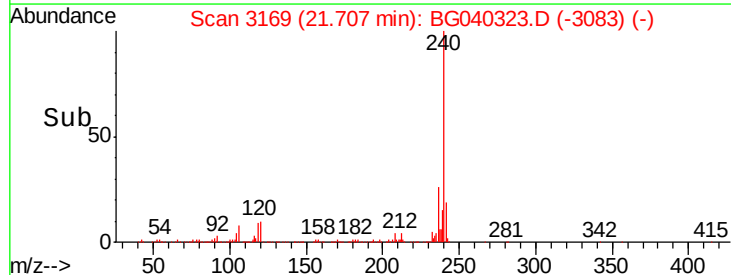
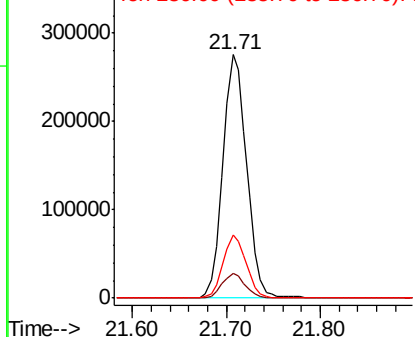


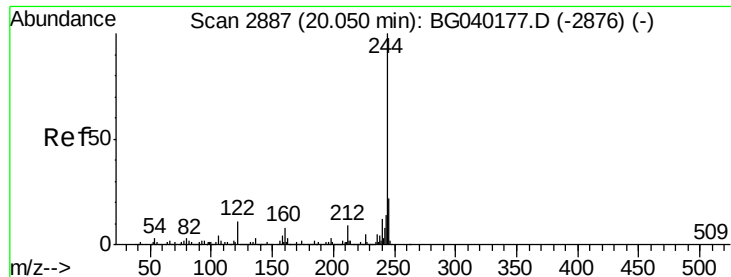
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG040323.D
 Acq: 3 Apr 2019 10:47

Tgt Ion:240 Resp: 485058
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.4 12.6
 236 26.0 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: 80.281 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040323.D

Acq: 3 Apr 2019 10:47

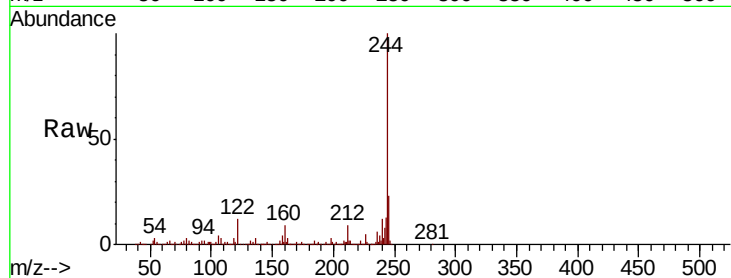
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1730975

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	12.1	8.5	12.7

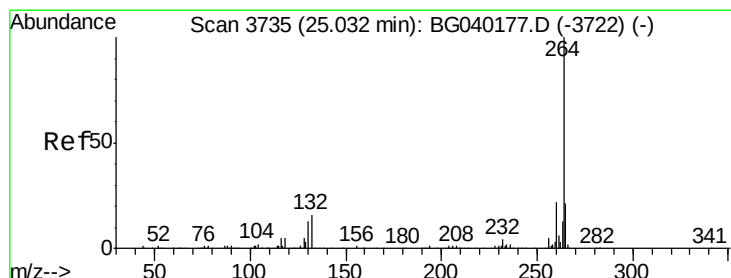
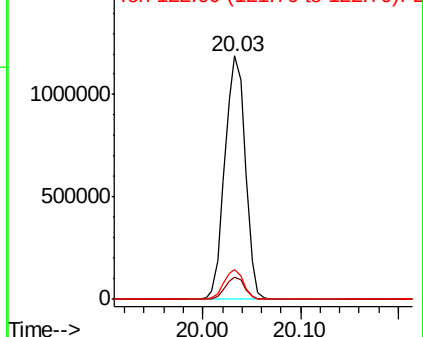
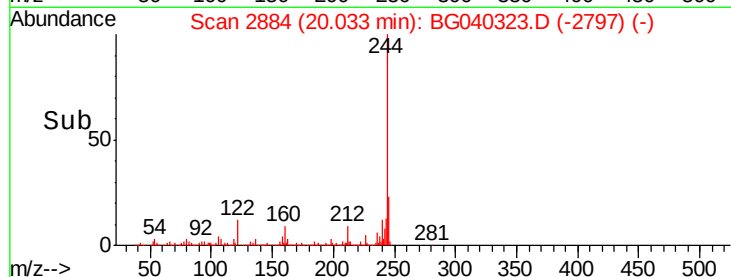


Abundance

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: 25.02 min Scan# 3733

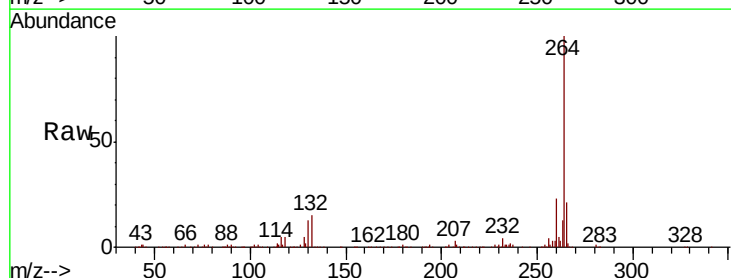
Delta R.T. -0.01 min

Lab File: BG040323.D

Acq: 3 Apr 2019 10:47

Tgt Ion:264 Resp: 480476

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.9	26.9
265	20.8	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

