

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032019\
 Data File : BG040044.D
 Acq On : 20 Mar 2019 20:24
 Operator : JU/SJ
 Sample : K1935-08RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 21 09:29:38 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

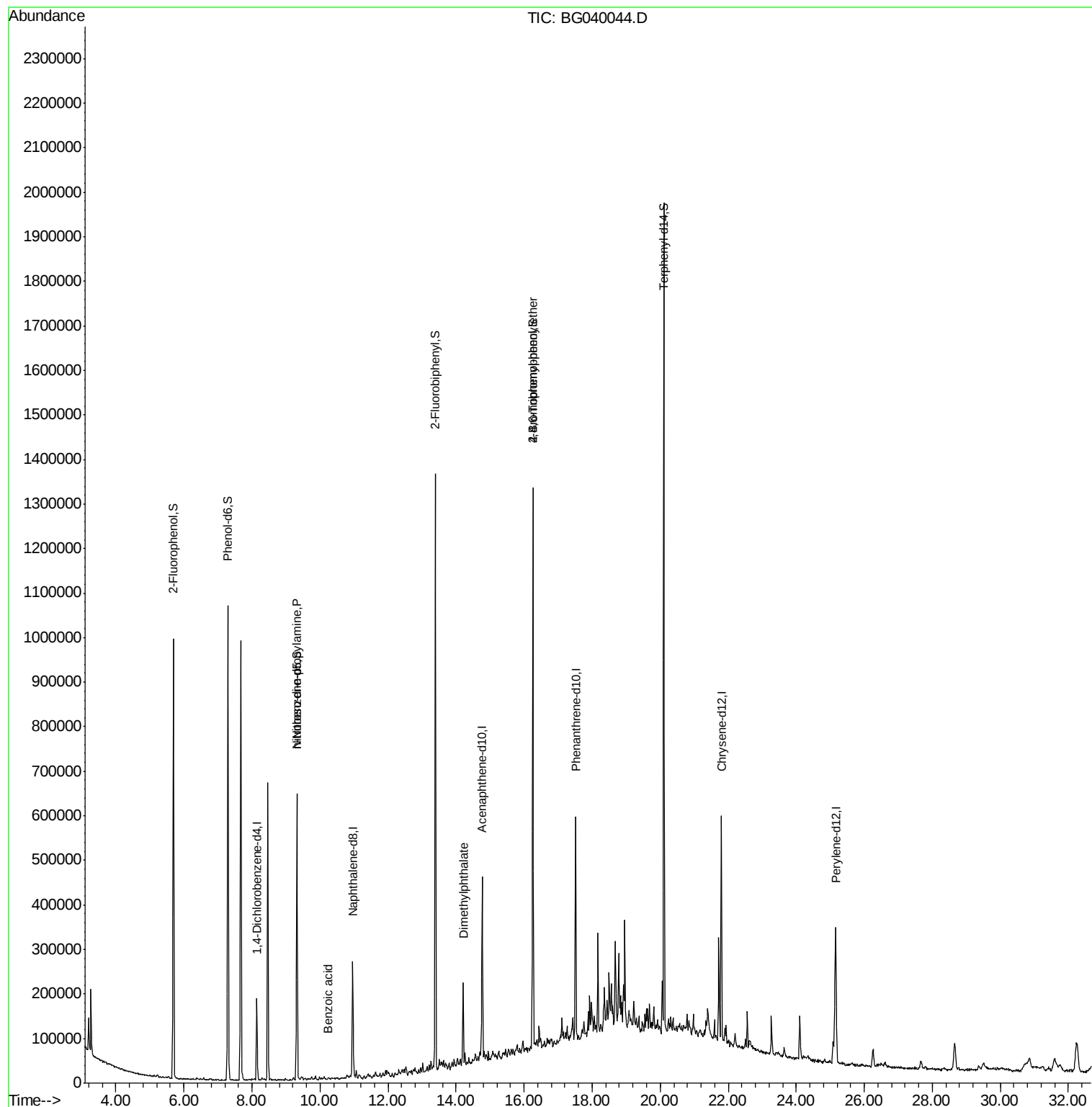
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	51530	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	219483	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	142017	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	315015	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	321742	20.00	ng	-0.03
87) Perylene-d12	25.15	264	338434	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	408663	135.30	ng	-0.02
7) Phenol-d6	7.29	99	600135	133.25	ng	-0.02
23) Nitrobenzene-d5	9.32	82	379392	93.49	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	221896	134.05	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	701623	70.34	ng	-0.02
79) Terphenyl-d14	20.11	244	855840	58.57	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.32	70	49883	15.388	ng	# 68
32) Benzoic acid	10.23	122	65	6.624	ng	# 1
50) Dimethylphthalate	14.21	163	82773	6.970	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	17927	5.084	ng	# 1

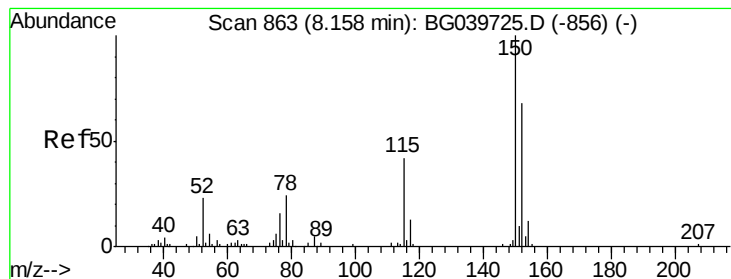
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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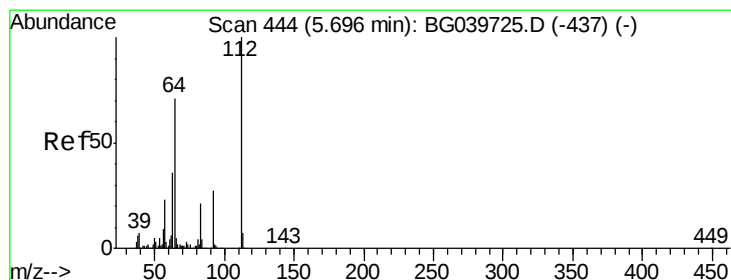
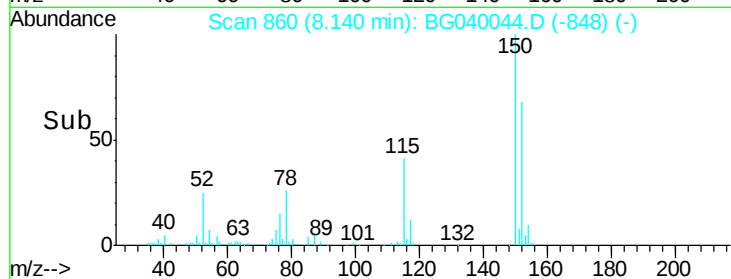
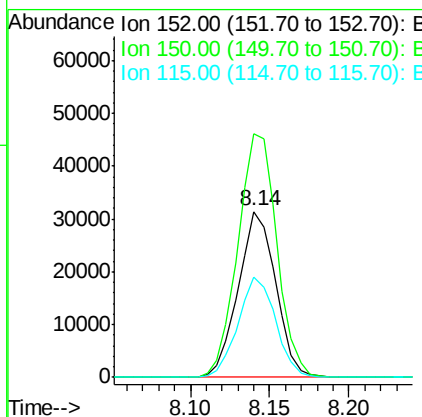
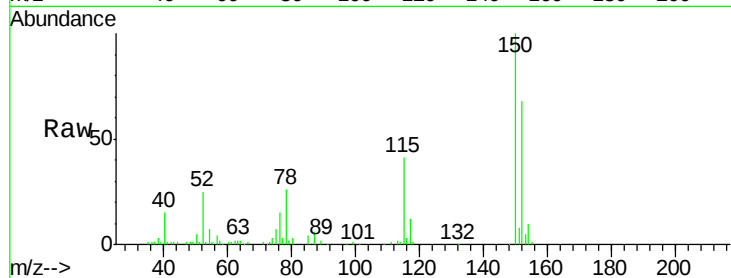


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040044.D
Acq: 20 Mar 2019 20:24

Instrument :
BNA_G
ClientSampleId :

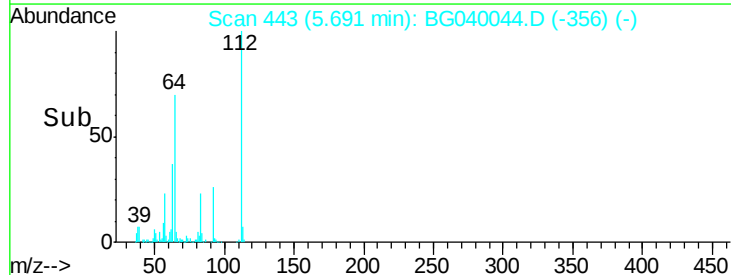
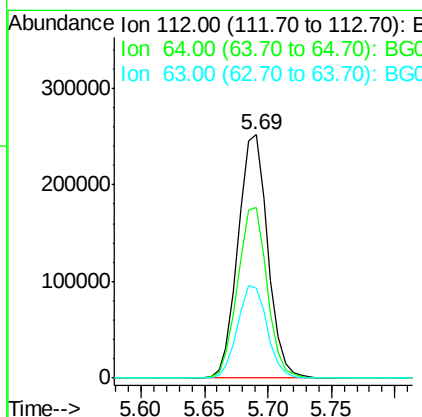
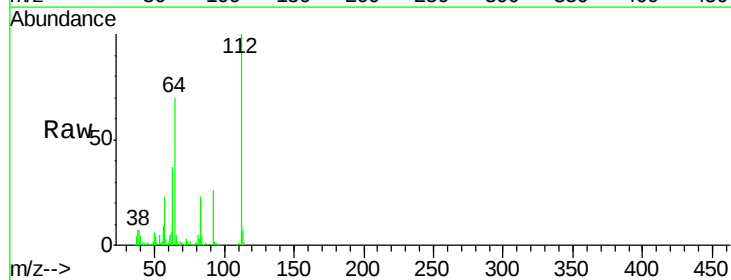
Tot Ion:152 Resp: 51530
Ion Ratio Lower Upper
152 100
150 147.0 123.7 185.5
115 60.3 45.9 68.9

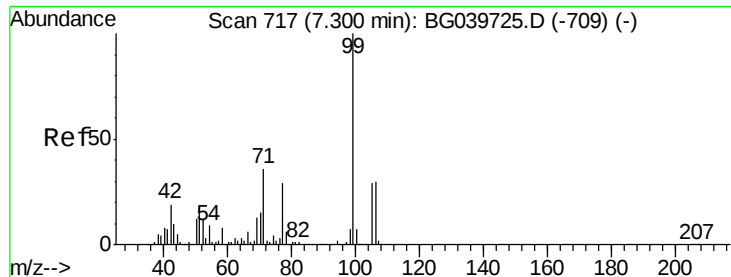


#5

2-Fluorophenol
Concen: 135.296 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040044.D
Acq: 20 Mar 2019 20:24

Tgt Ion:112 Resp: 408663
Ion Ratio Lower Upper
112 100
64 69.9 57.8 86.8
63 36.8 29.8 44.6





#7

Phenol-d6

Concen: 133.253 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040044.D

Acq: 20 Mar 2019 20:24

Instrument :

BNA_G

ClientSampleId :

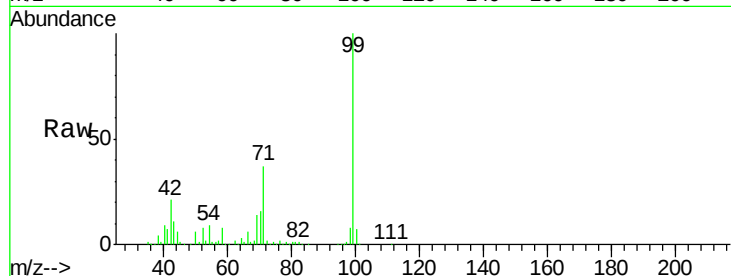
Tot Ion: 99 Resp: 600135

Ion Ratio Lower Upper

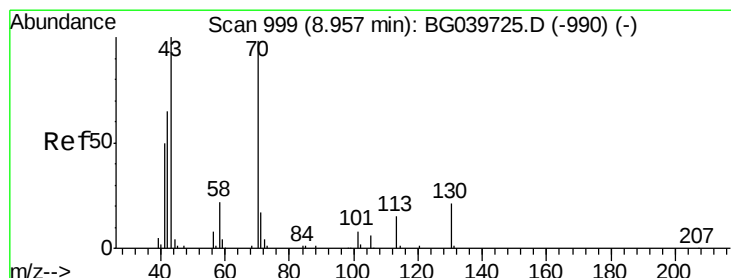
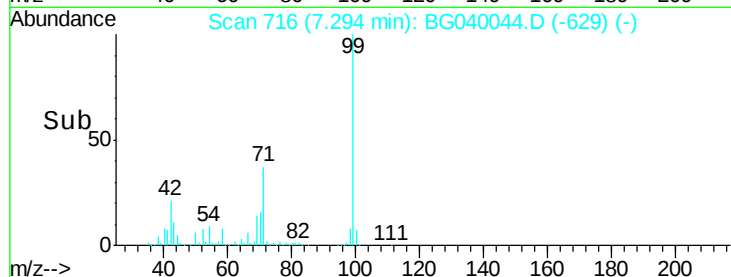
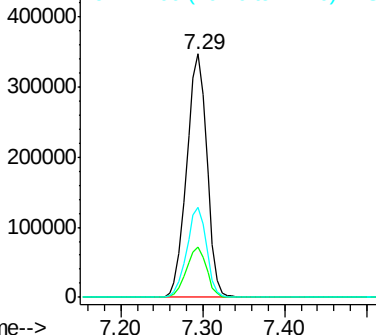
99 100

42 20.6 18.2 27.2

71 37.2 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.388 ng

RT: 9.32 min Scan# 1061

Delta R.T. 0.35 min

Lab File: BG040044.D

Acq: 20 Mar 2019 20:24

Tgt Ion: 70 Resp: 49883

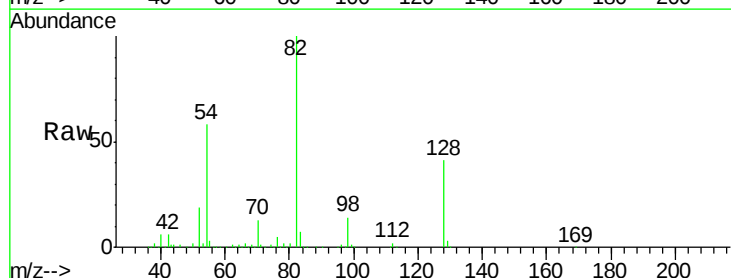
Ion Ratio Lower Upper

70 100

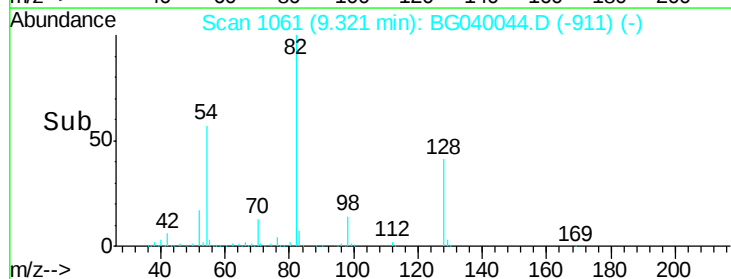
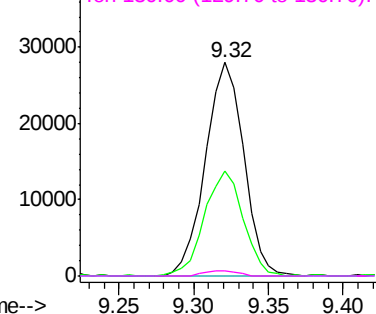
42 49.0 60.4 90.6#

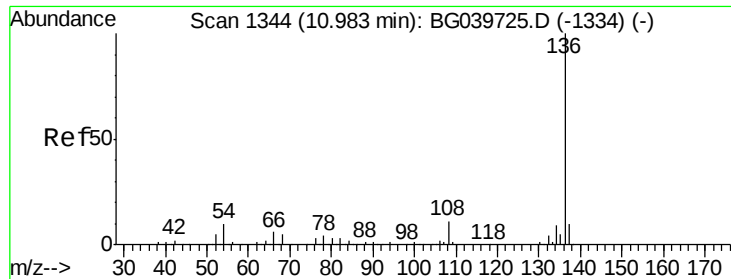
101 0.0 7.5 11.3#

130 2.6 16.9 25.3#



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

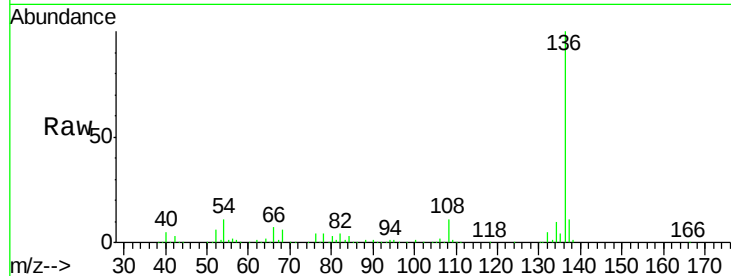




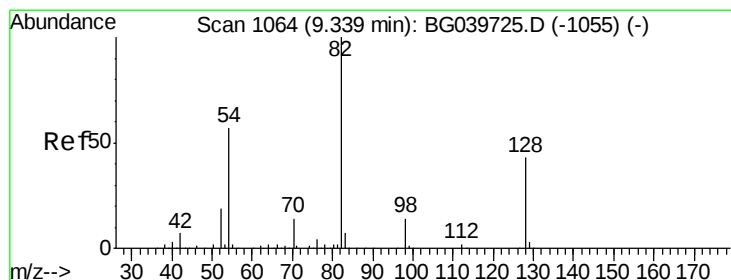
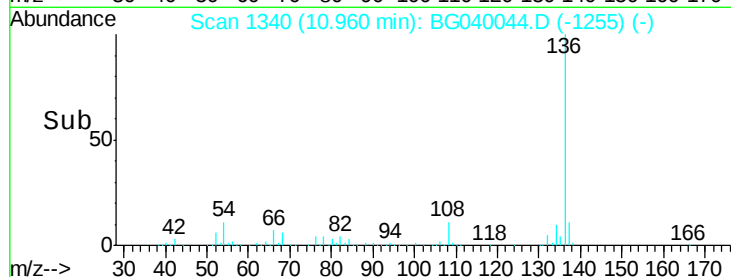
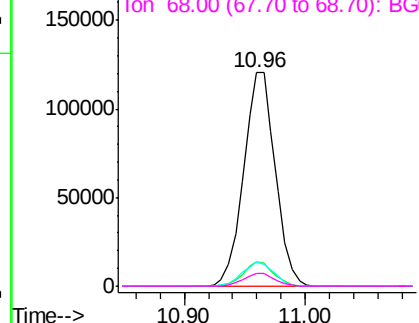
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040044.D
Acq: 20 Mar 2019 20:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	219483
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.1 13.7
54	11.4	9.4 14.2
68	6.3	4.2 6.4

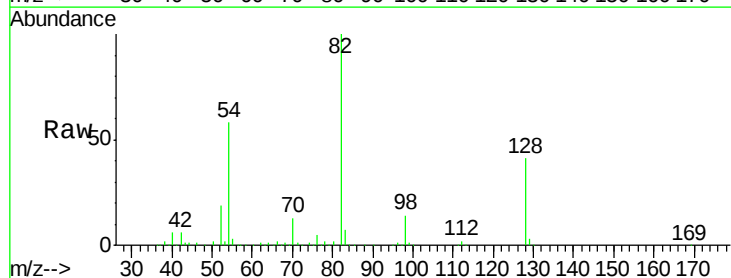


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

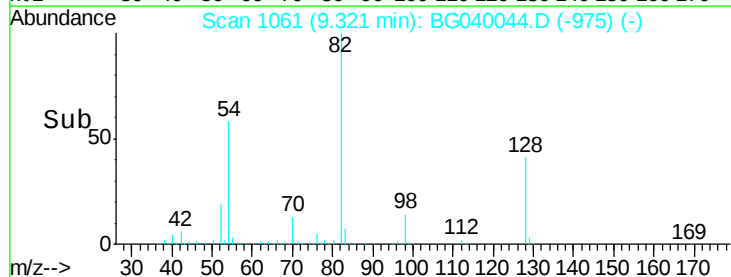
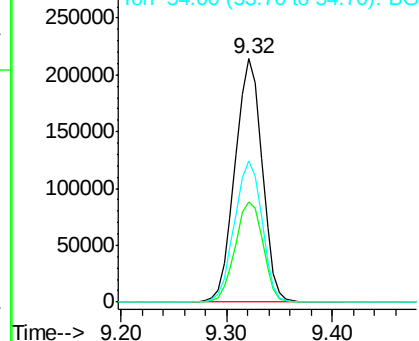


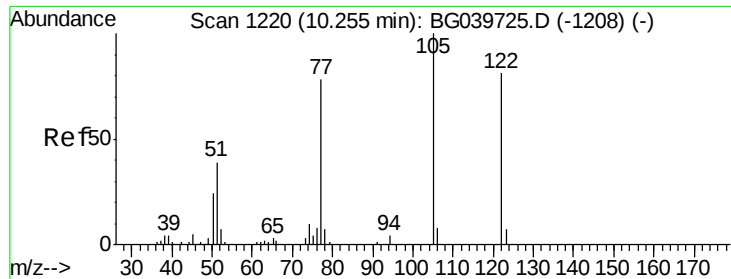
#23
Nitrobenzene-d5
Concen: 93.488 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040044.D
Acq: 20 Mar 2019 20:24

Tgt Ion: 82	Resp:	379392
Ion	Ratio	Lower Upper
82	100	
128	41.1	31.3 46.9
54	57.9	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





#32

Benzoic acid

Concen: 6.624 ng

RT: 10.23 min Scan# 1216

Delta R.T. -0.03 min

Lab File: BG040044.D

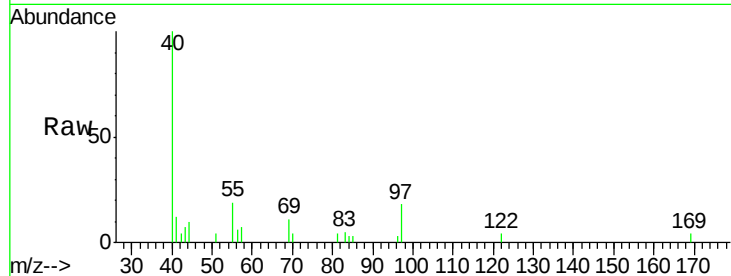
Acq: 20 Mar 2019 20:24

Instrument :

BNA_G

ClientSampleId :

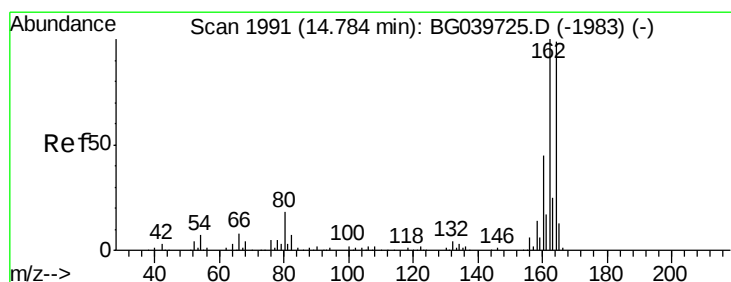
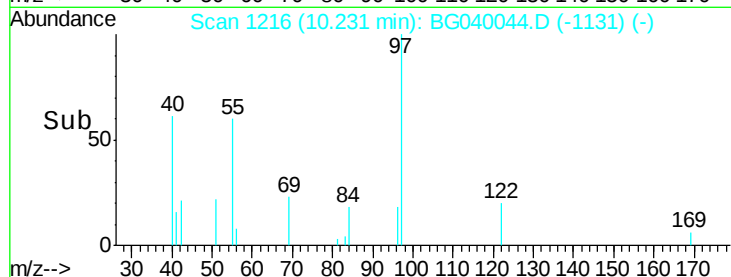
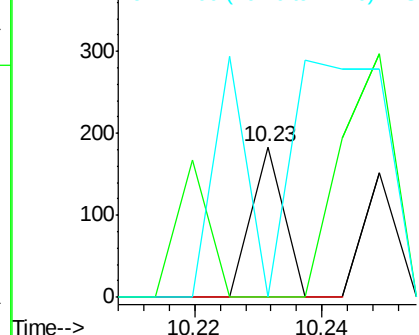
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#



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): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

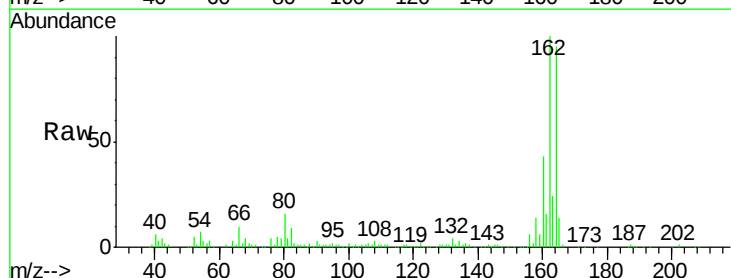
RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040044.D

Acq: 20 Mar 2019 20:24

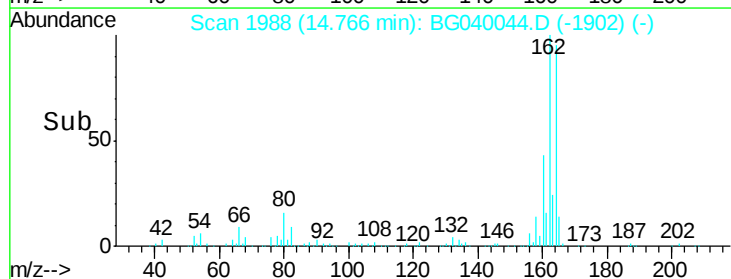
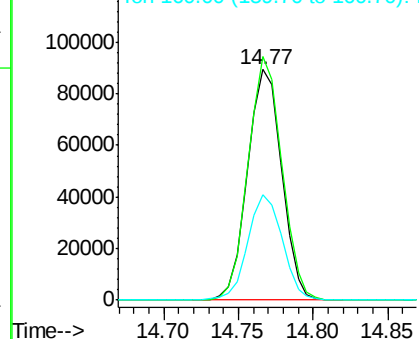
Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	81.6	122.4
160	45.4	34.2	51.2

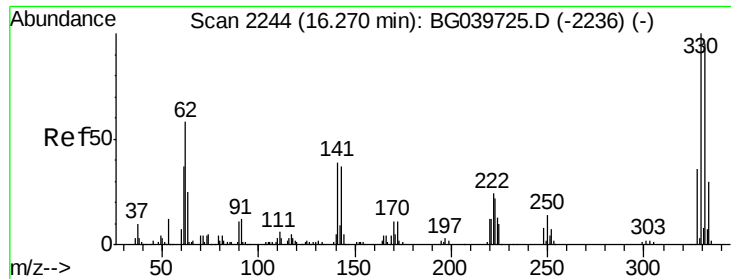


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

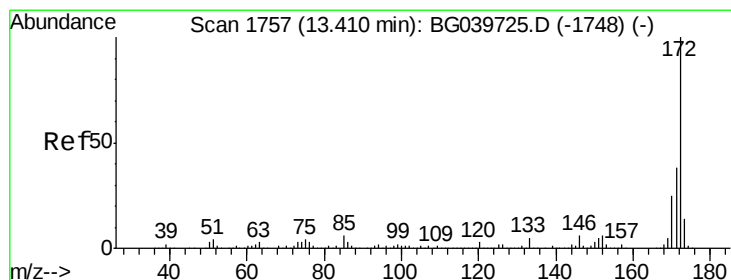
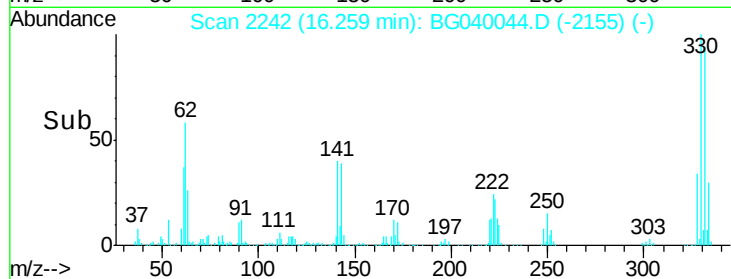
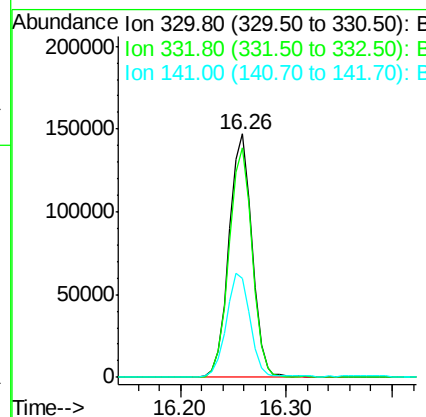
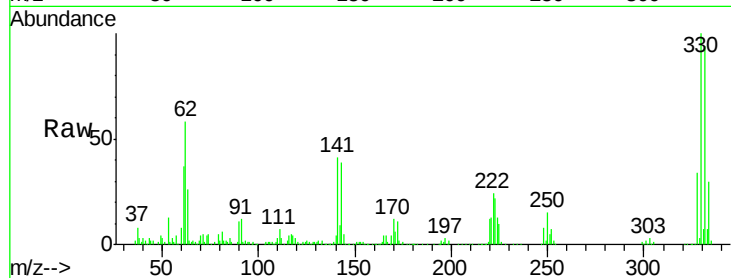




#42
 2,4,6-Tribromophenol
 Concen: 134.051 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG040044.D
 Acq: 20 Mar 2019 20:24

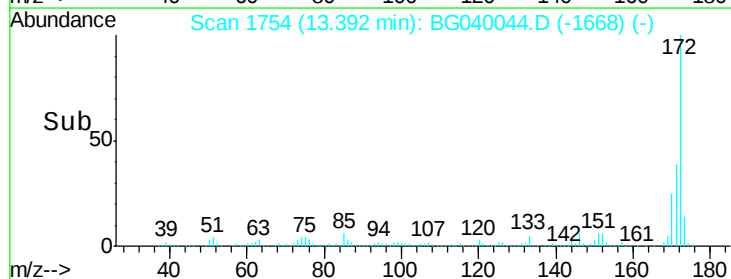
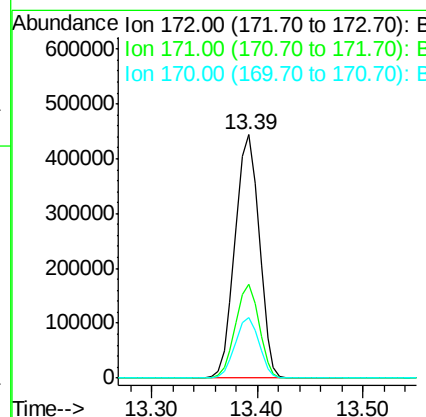
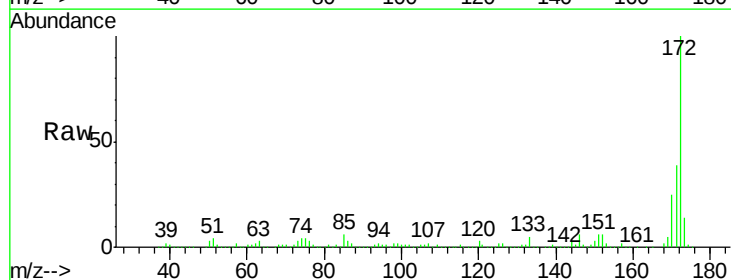
Instrument :
 BNA_G
 ClientSampleId :

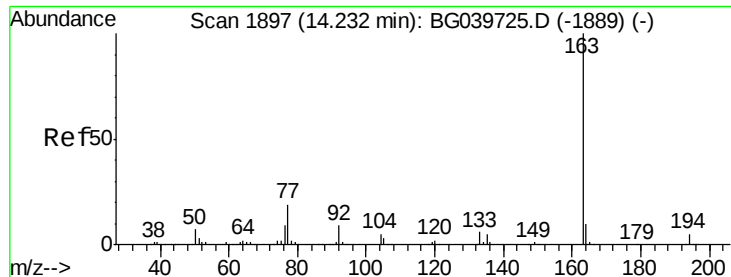
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	75.7	113.5
141	43.3	35.6	53.4



#45
 2-Fluorobiphenyl
 Concen: 70.343 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040044.D
 Acq: 20 Mar 2019 20:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.8	46.2
170	24.7	20.2	30.4

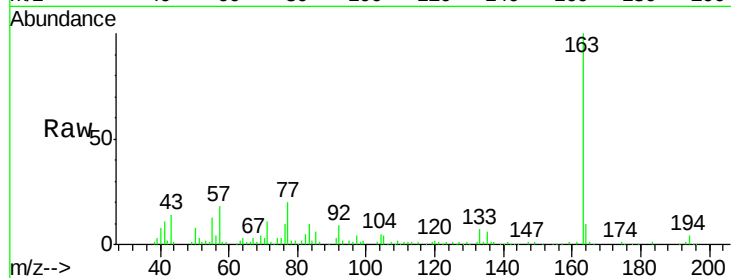




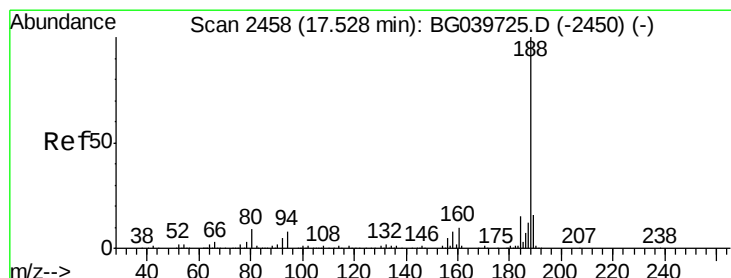
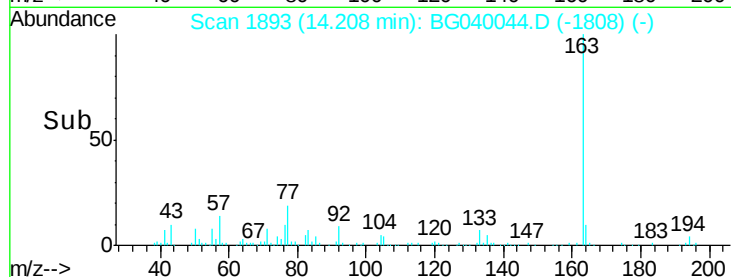
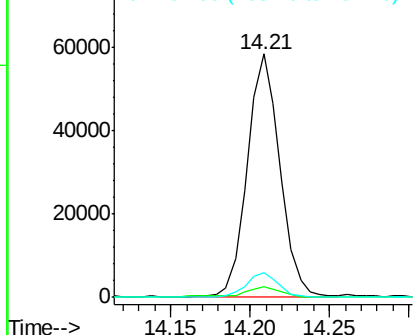
#50
Dimethylphthalate
Concen: 6.970 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040044.D
Acq: 20 Mar 2019 20:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 82773
Ion Ratio Lower Upper
163 100
194 4.4 3.6 5.4
164 10.4 8.4 12.6

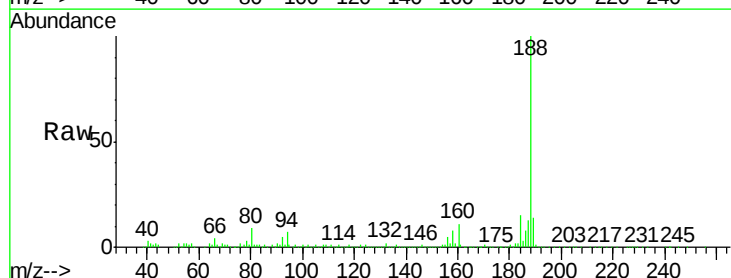


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

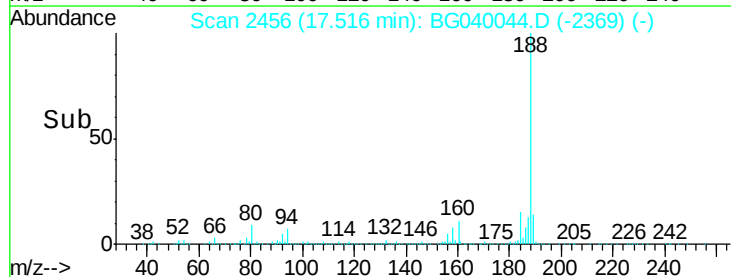
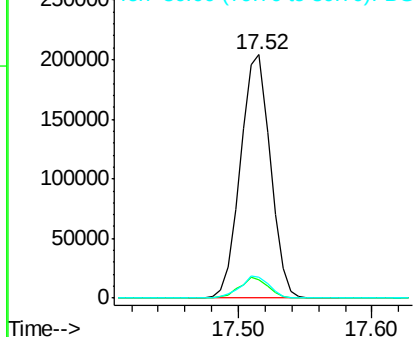


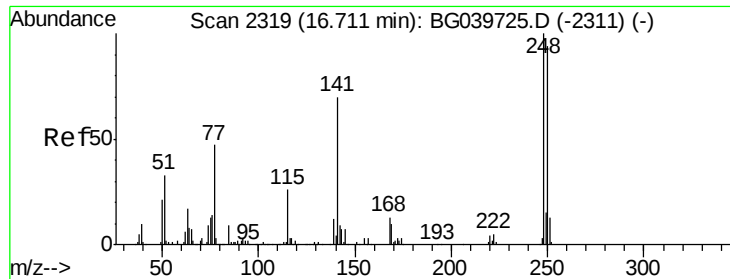
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040044.D
Acq: 20 Mar 2019 20:24

Tgt Ion:188 Resp: 315015
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 8.7 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG0
Ion 80.00 (79.70 to 80.70): BG0

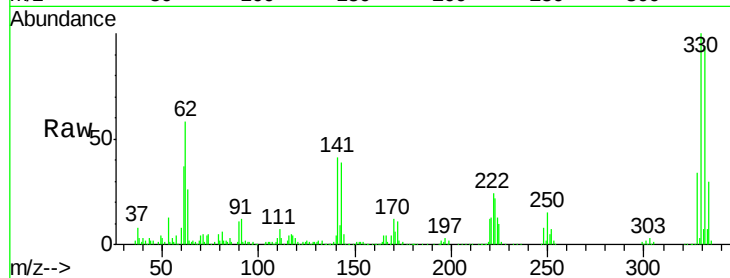




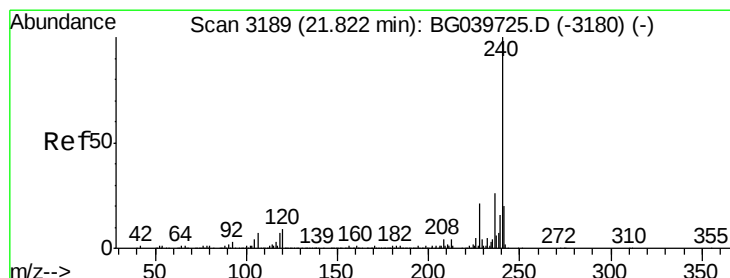
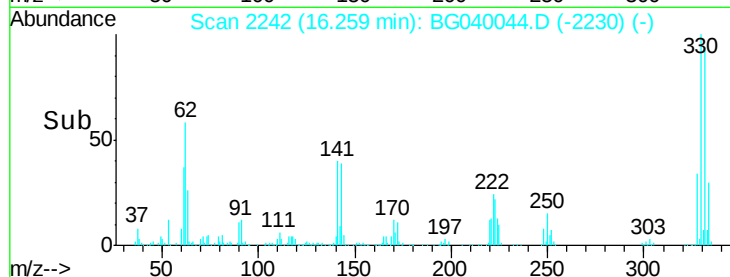
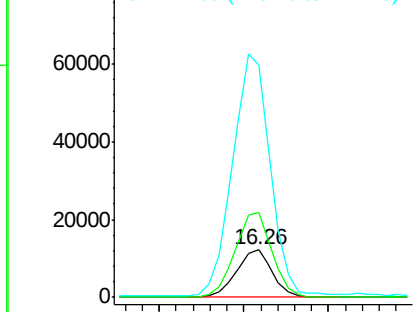
#67
 4-Bromophenyl-phenylether
 Concen: 5.084 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.46 min
 Lab File: BG040044.D
 Acq: 20 Mar 2019 20:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 17927
 Ion Ratio Lower Upper
 248 100
 250 178.1 77.6 116.4#
 141 490.3 63.9 95.9#

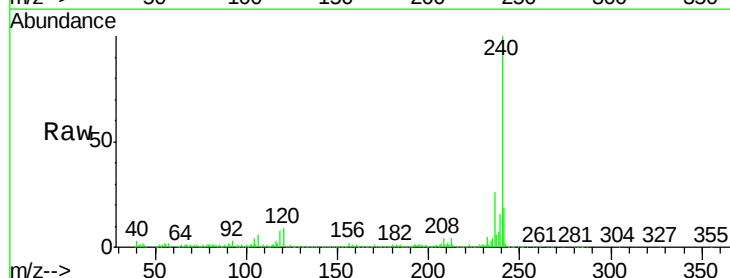


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

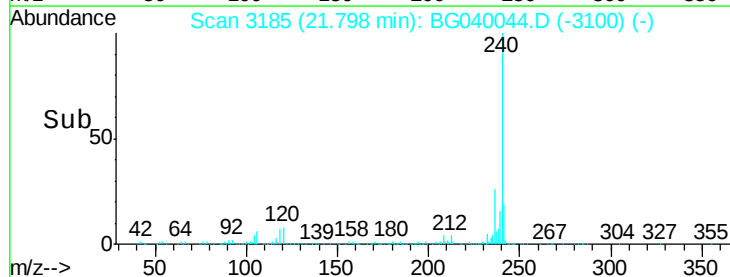
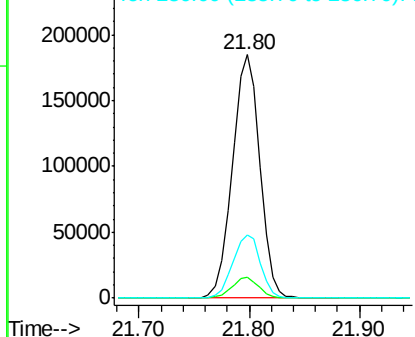


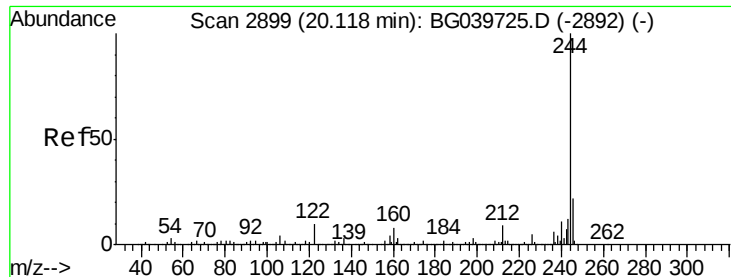
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.03 min
 Lab File: BG040044.D
 Acq: 20 Mar 2019 20:24

Tgt Ion:240 Resp: 321742
 Ion Ratio Lower Upper
 240 100
 120 8.5 7.0 10.6
 236 25.7 21.0 31.4



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: 58.568 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040044.D

Acq: 20 Mar 2019 20:24

Instrument :

BNA_G

ClientSampleId :

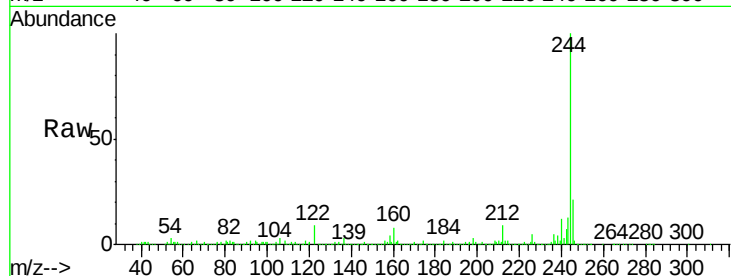
Tot Ion:244 Resp: 855840

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

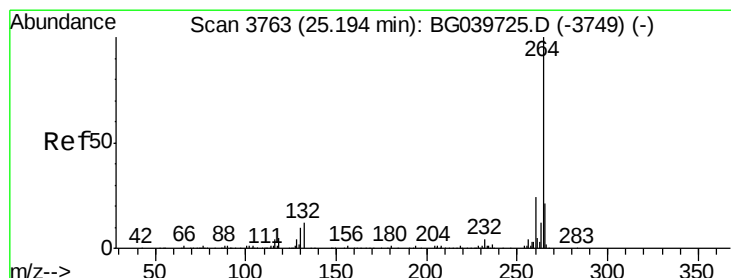
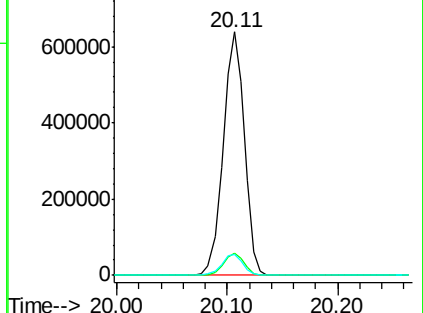
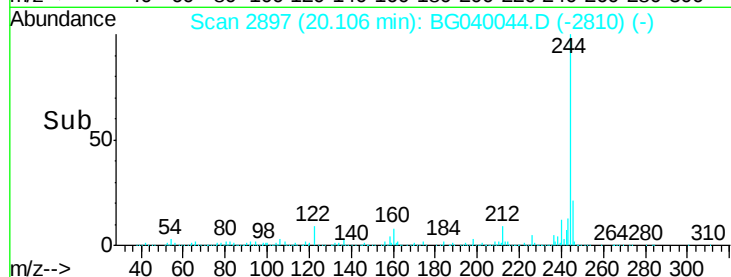
122 8.8 8.4 12.6



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: 25.15 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040044.D

Acq: 20 Mar 2019 20:24

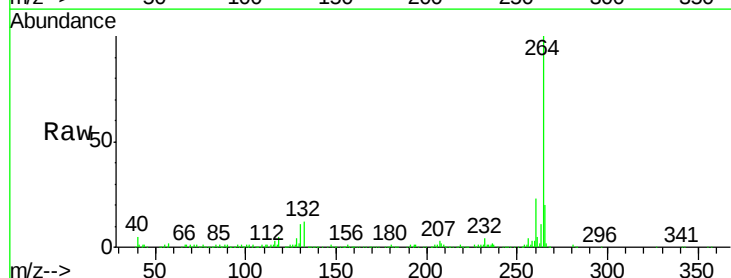
Tgt Ion:264 Resp: 338434

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 20.1 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

