

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031119\
 Data File : BG039848.D
 Acq On : 11 Mar 2019 19:09
 Operator : JU/SJ
 Sample : K1807-43RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-22

Quant Time: Mar 12 03:37:54 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

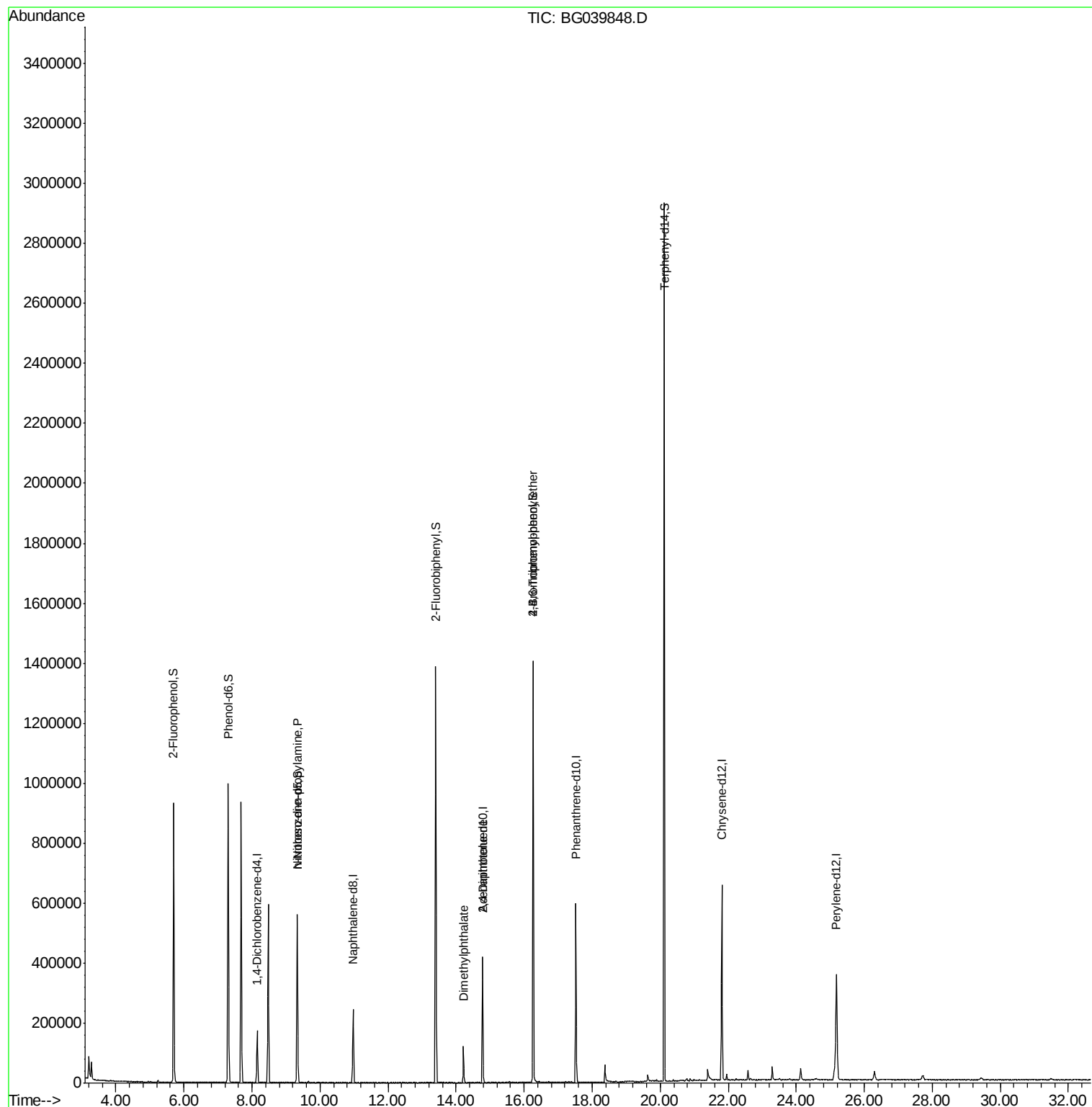
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	47468	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	208757	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	148158	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	380493	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	409492	20.00	ng	-0.02
87) Perylene-d12	25.18	264	409217	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	389675	140.05	ng	-0.01
7) Phenol-d6	7.30	99	575693	138.76	ng	-0.01
23) Nitrobenzene-d5	9.33	82	337292	87.38	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	237607	137.59	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	742976	71.40	ng	-0.01
79) Terphenyl-d14	20.12	244	1312229	70.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.33	70	44012	14.739	ng	# 68
50) Dimethylphthalate	14.22	163	80004	6.458	ng	# 98
57) 2,4-Dinitrotoluene	14.78	165	19742	5.350	ng	# 20
67) 4-Bromophenyl-phenylether	16.27	248	18518	4.348	ng	# 1

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

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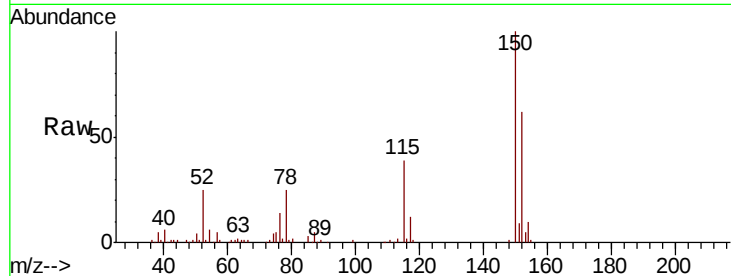


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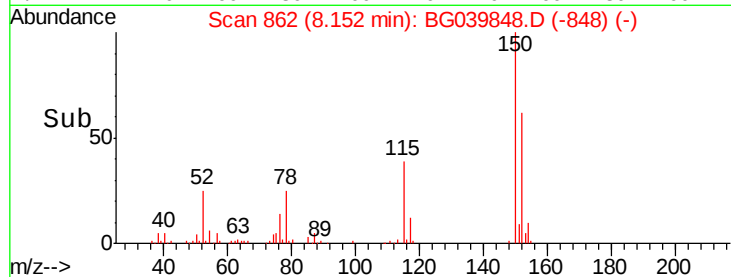
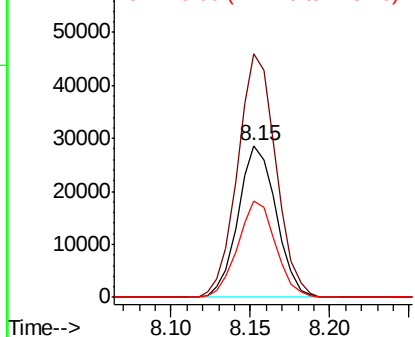
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039848.D
Acq: 11 Mar 2019 19:09

Instrument :
BNA_G
ClientSampleId :
TP-22

Tgt Ion:152 Resp: 47468
Ion Ratio Lower Upper
152 100
150 160.6 123.7 185.5
115 63.4 45.9 68.9



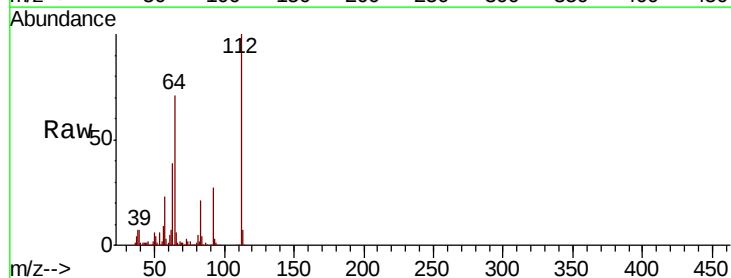
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



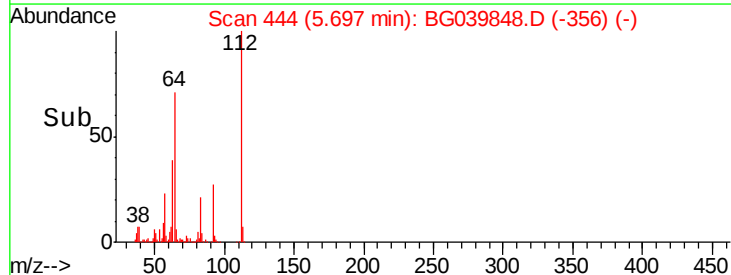
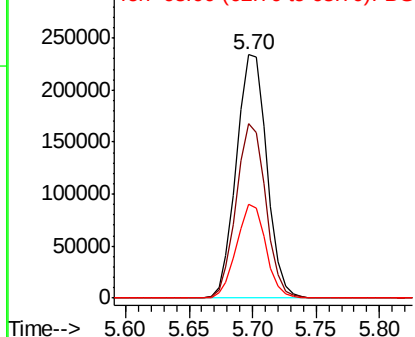
#5

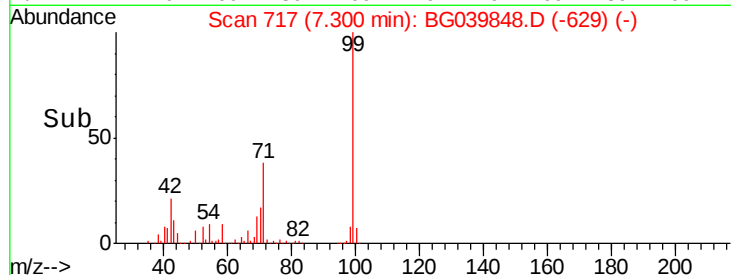
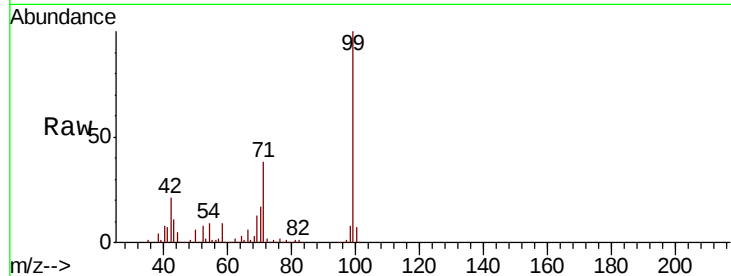
2-Fluorophenol
Concen: 140.050 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039848.D
Acq: 11 Mar 2019 19:09

Tgt Ion:112 Resp: 389675
Ion Ratio Lower Upper
112 100
64 71.5 57.8 86.8
63 38.5 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 138.764 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039848.D

Acq: 11 Mar 2019 19:09

Instrument :

BNA_G

ClientSampled :

TP-22

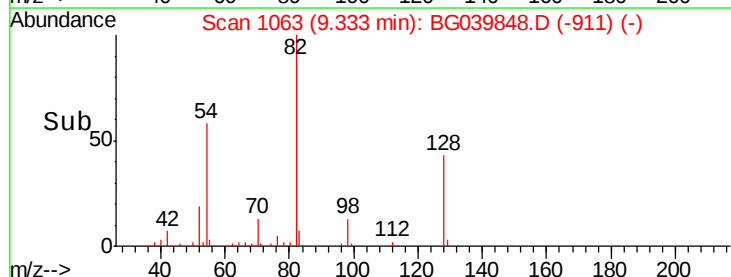
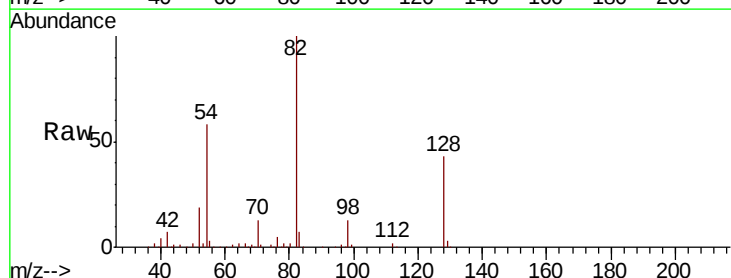
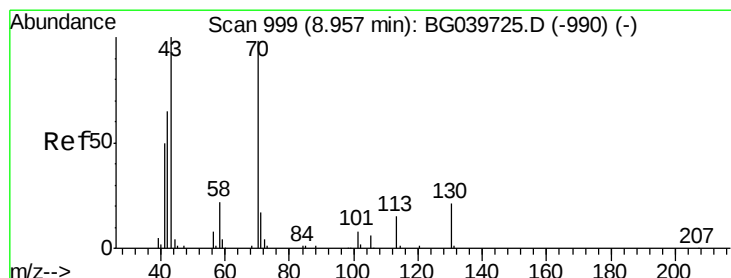
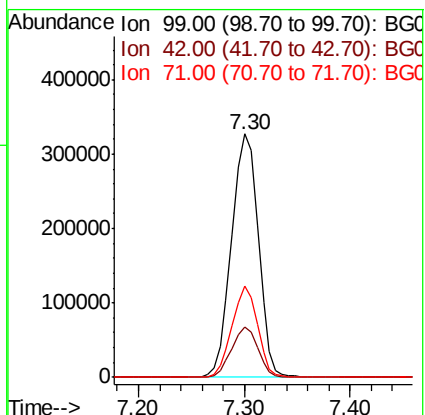
Tgt Ion: 99 Resp: 575693

Ion Ratio Lower Upper

99 100

42 20.9 18.2 27.2

71 37.7 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.739 ng

RT: 9.33 min Scan# 1063

Delta R.T. 0.36 min

Lab File: BG039848.D

Acq: 11 Mar 2019 19:09

Tgt Ion: 70 Resp: 44012

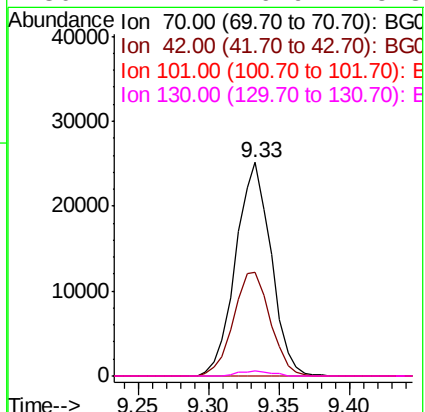
Ion Ratio Lower Upper

70 100

42 48.7 60.4 90.6#

101 0.0 7.5 11.3#

130 2.7 16.9 25.3#

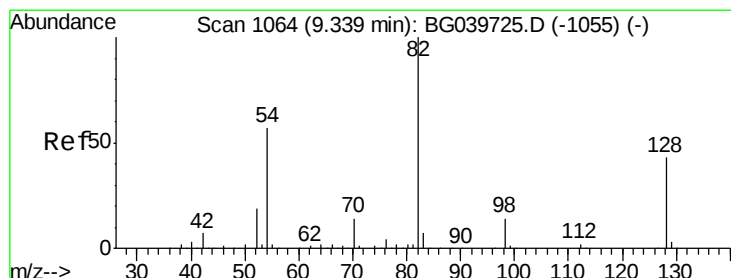
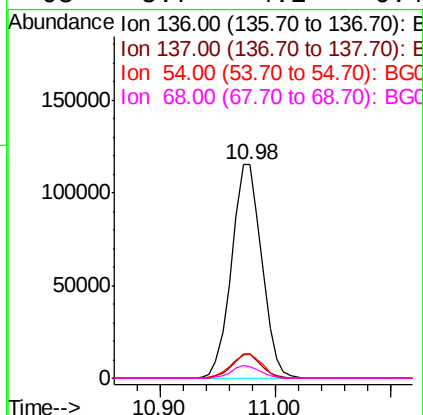
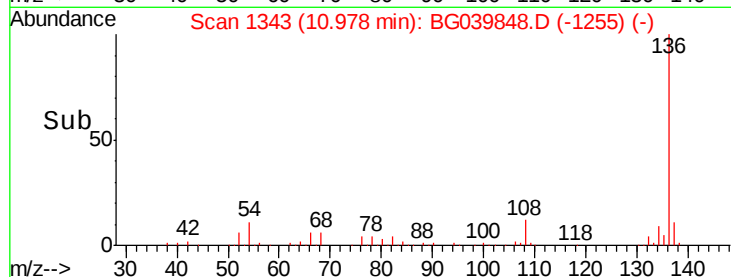
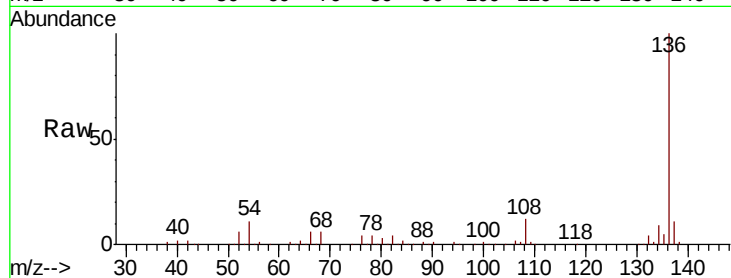




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039848.D
Acq: 11 Mar 2019 19:09

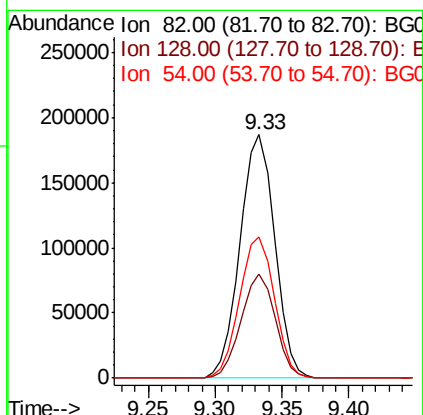
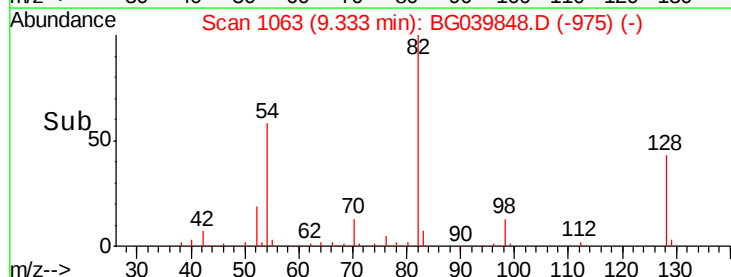
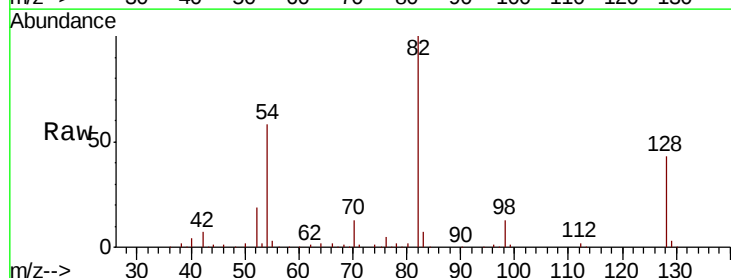
Instrument :
BNA_G
ClientSampleId :
TP-22

Tgt Ion:	136	Resp:	208757
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	11.3	9.4	14.2
68	5.7	4.2	6.4



#23
Nitrobenzene-d5
Concen: 87.384 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039848.D
Acq: 11 Mar 2019 19:09

Tgt Ion:	82	Resp:	337292
Ion	Ratio	Lower	Upper
82	100		
128	42.7	31.3	46.9
54	58.2	50.9	76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039848.D

Acq: 11 Mar 2019 19:09

Instrument :

BNA_G

ClientSampleId :

TP-22

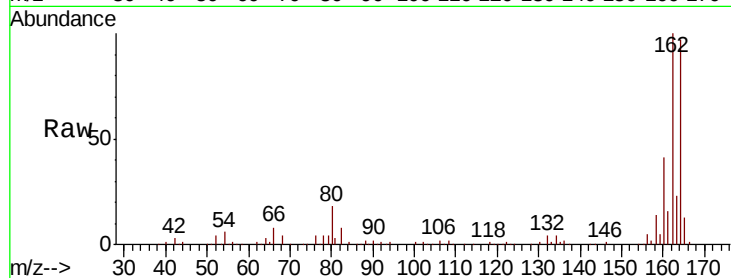
Tgt Ion:164 Resp: 148158

Ion Ratio Lower Upper

164 100

162 103.0 81.6 122.4

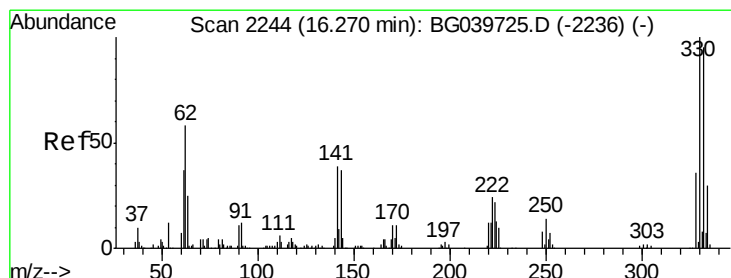
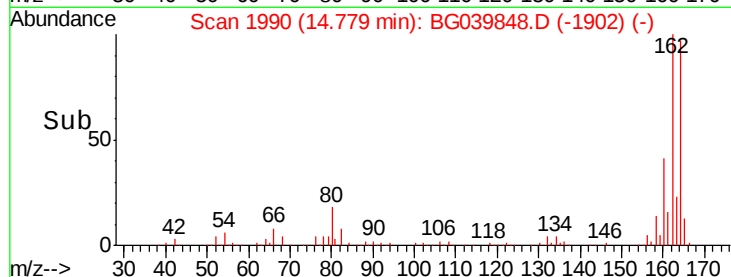
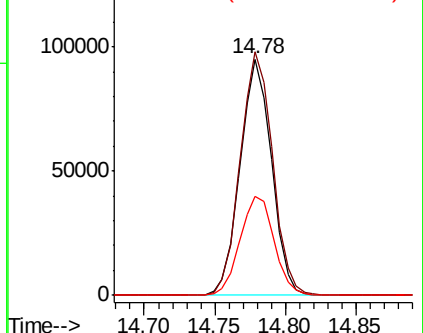
160 41.8 34.2 51.2



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: 137.592 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039848.D

Acq: 11 Mar 2019 19:09

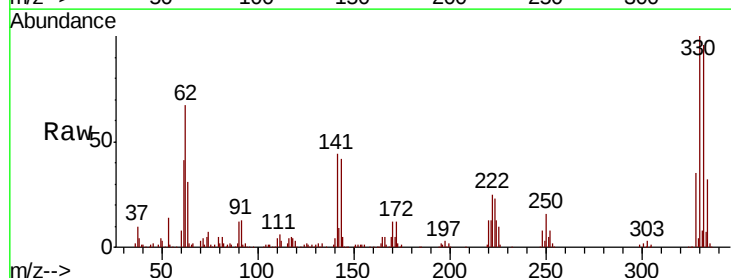
Tgt Ion:330 Resp: 237607

Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

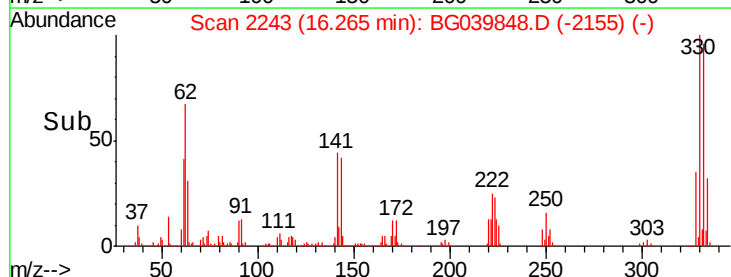
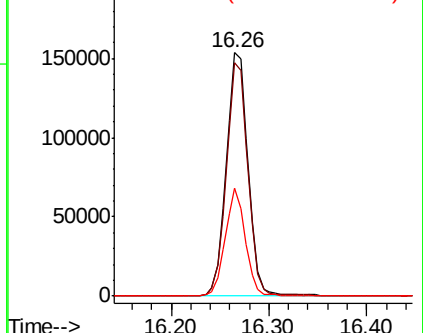
141 40.8 35.6 53.4



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

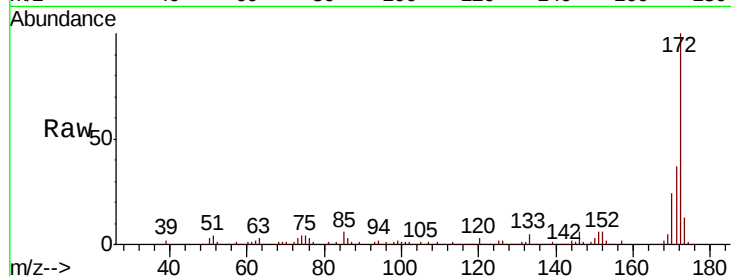




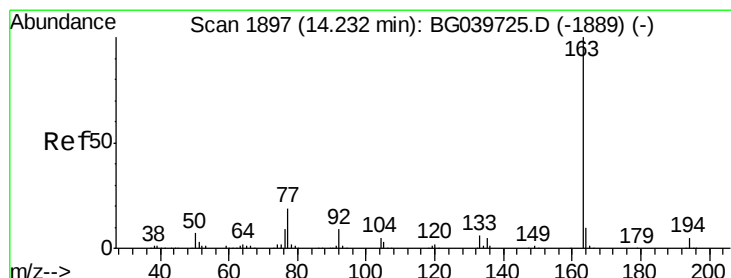
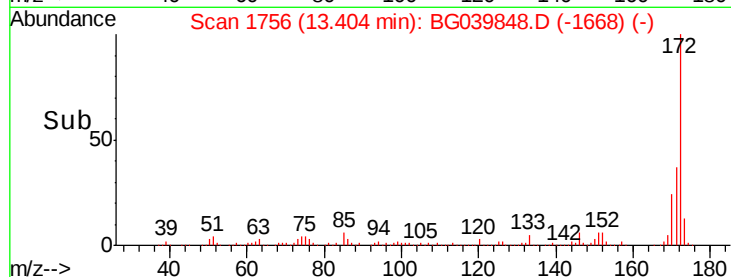
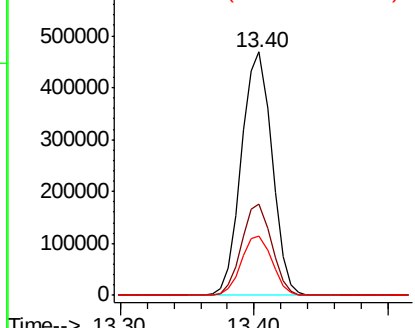
#45
 2-Fluorobiphenyl
 Concen: 71.402 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039848.D
 Acq: 11 Mar 2019 19:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-22

Tgt Ion:172 Resp: 742976
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 24.4 20.2 30.4

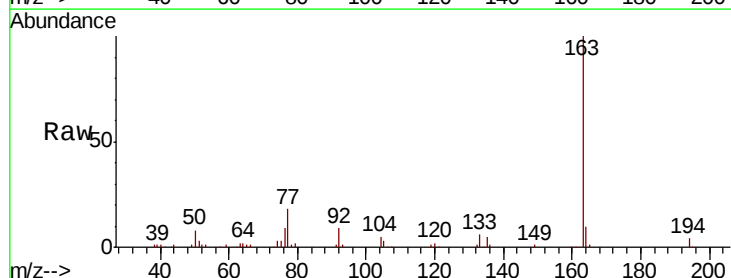


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

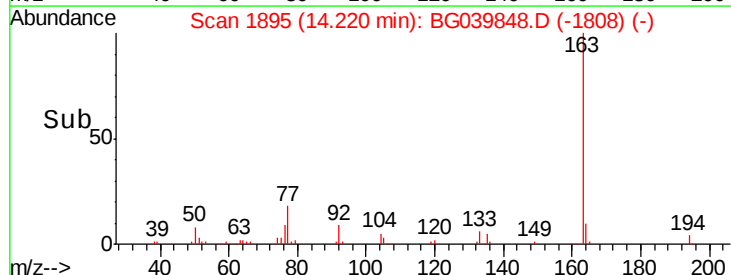
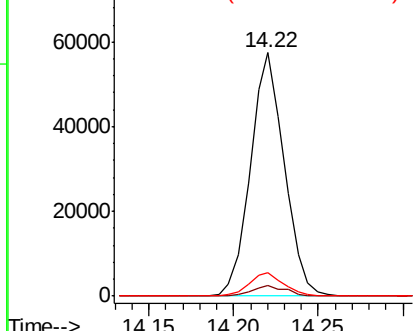


#50
 Dimethylphthalate
 Concen: 6.458 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.02 min
 Lab File: BG039848.D
 Acq: 11 Mar 2019 19:09

Tgt Ion:163 Resp: 80004
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.6 5.4
 164 9.7 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

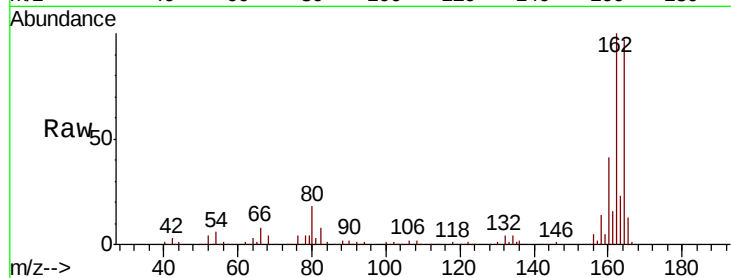




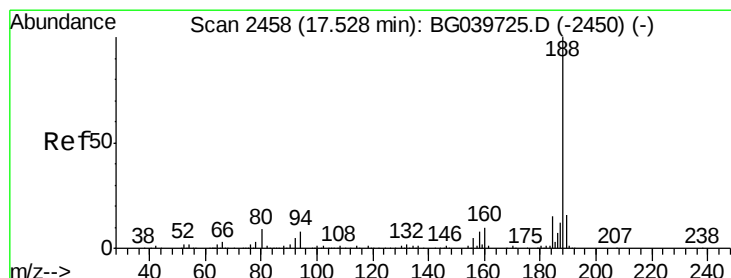
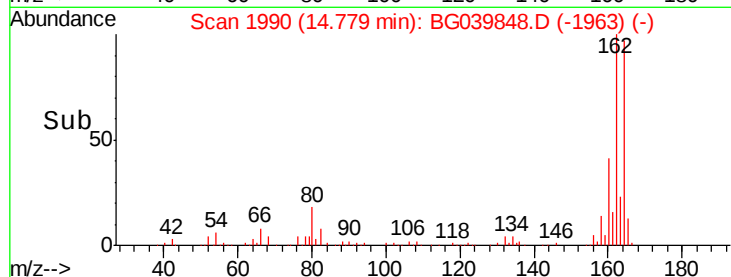
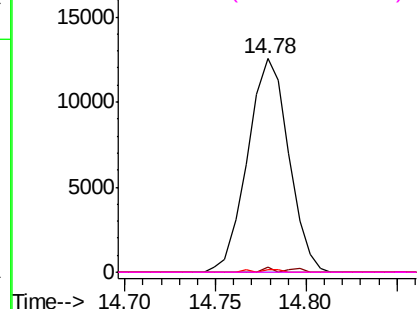
#57
 2,4-Dinitrotoluene
 Concen: 5.350 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.37 min
 Lab File: BG039848.D
 Acq: 11 Mar 2019 19:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-22

Tgt Ion:	165	Resp:	19742
Ion	Ratio	Lower	Upper
165	100		
63	2.5	41.0	61.6#
89	1.4	64.6	96.8#
182	0.0	2.0	3.0#

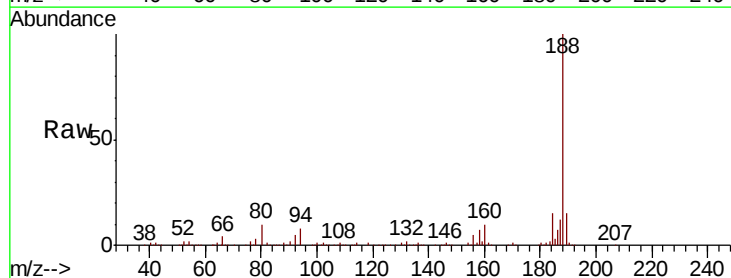


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

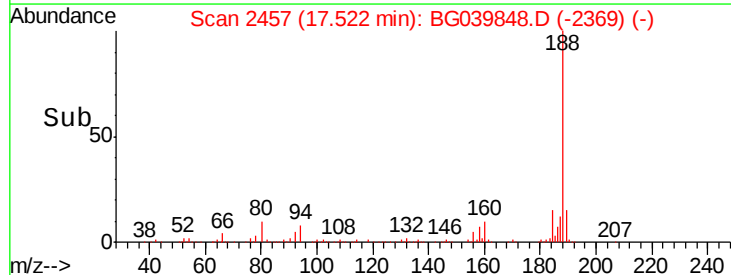
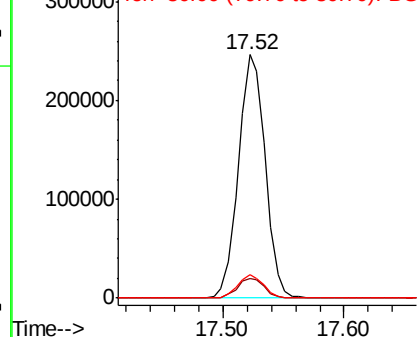


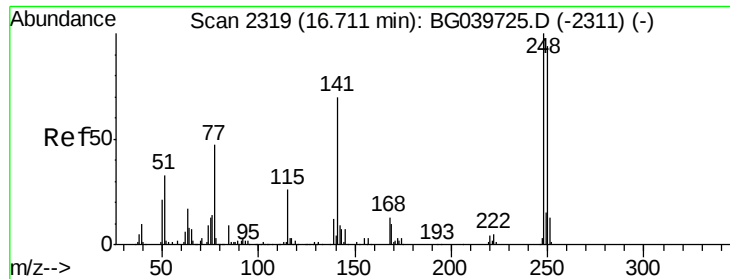
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BG039848.D
 Acq: 11 Mar 2019 19:09

Tgt Ion:	188	Resp:	380493
Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	9.5	8.1	12.1



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

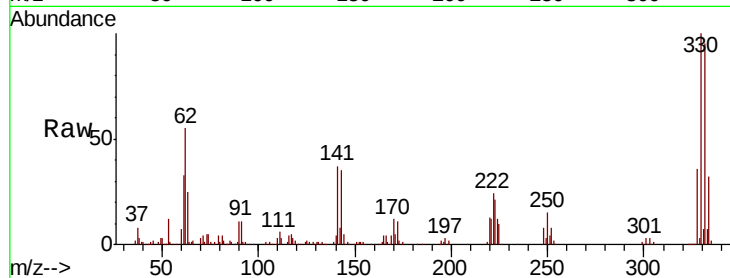




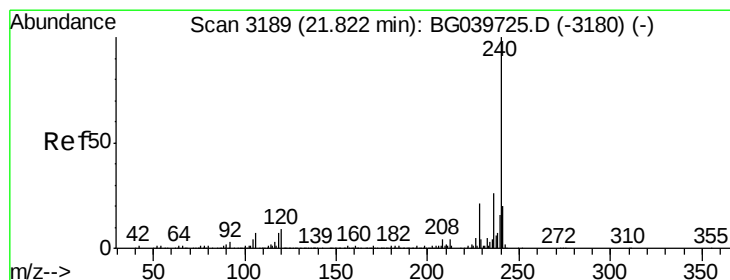
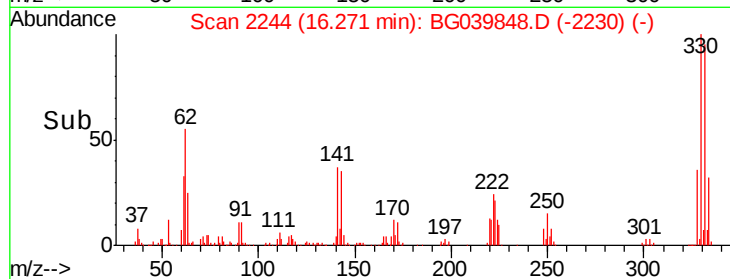
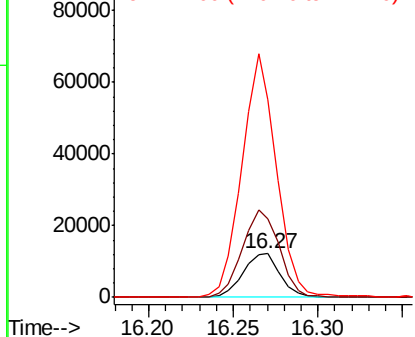
#67
 4-Bromophenyl-phenylether
 Concen: 4.348 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.45 min
 Lab File: BG039848.D
 Acq: 11 Mar 2019 19:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-22

Tgt Ion:248 Resp: 18518
 Ion Ratio Lower Upper
 248 100
 250 179.8 77.6 116.4#
 141 456.3 63.9 95.9#

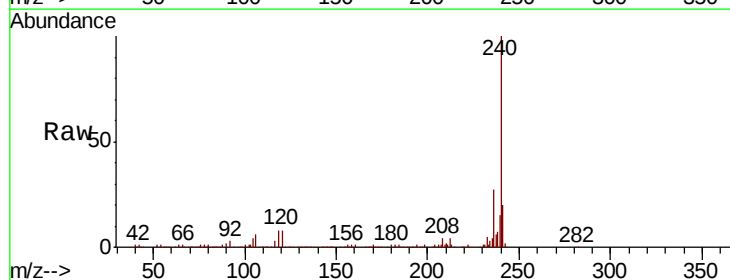


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

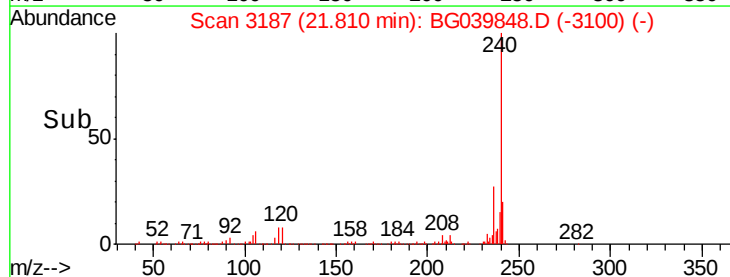
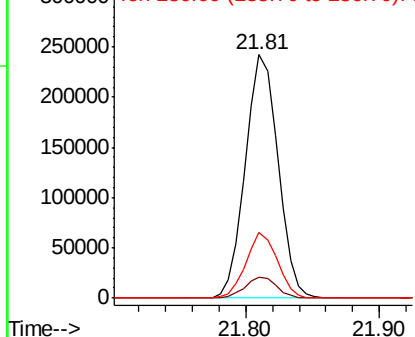


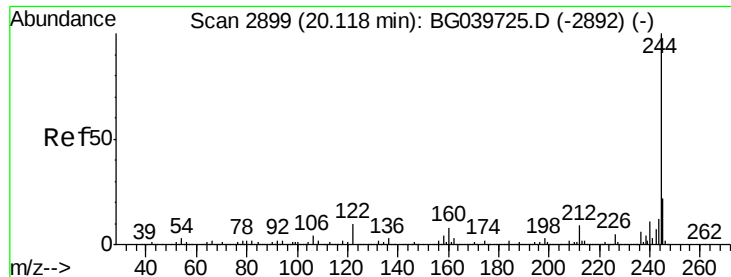
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.81 min Scan# 3187
 Delta R.T. -0.02 min
 Lab File: BG039848.D
 Acq: 11 Mar 2019 19:09

Tgt Ion:240 Resp: 409492
 Ion Ratio Lower Upper
 240 100
 120 8.4 7.0 10.6
 236 26.8 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: 70.557 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039848.D

Acq: 11 Mar 2019 19:09

Instrument :

BNA_G

ClientSampleId :

TP-22

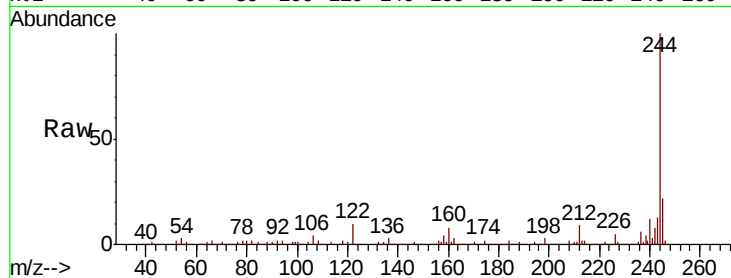
Tgt Ion:244 Resp: 1312229

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

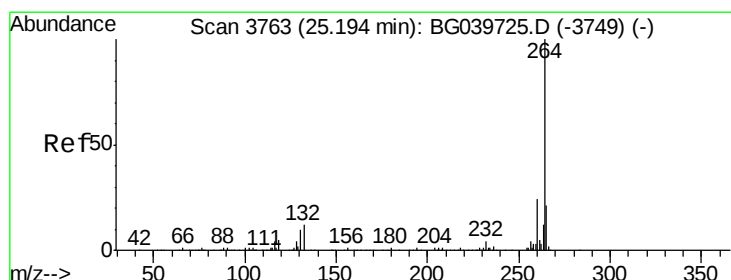
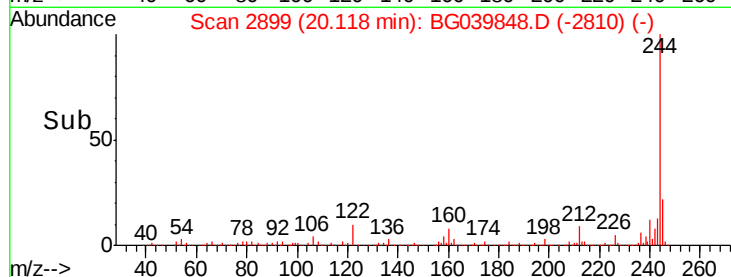
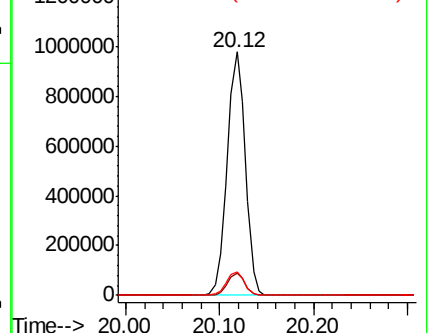
122 9.6 8.4 12.6



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: 25.18 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG039848.D

Acq: 11 Mar 2019 19:09

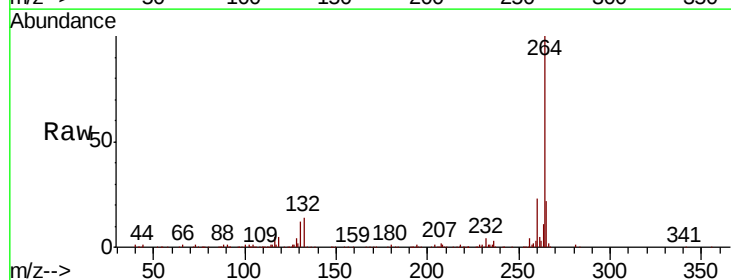
Tgt Ion:264 Resp: 409217

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 22.3 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

