

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041919\
 Data File : BG040562.D
 Acq On : 19 Apr 2019 15:18
 Operator : JU/SJ
 Sample : K2475-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-TRACK-8-9

Quant Time: Apr 19 23:09:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

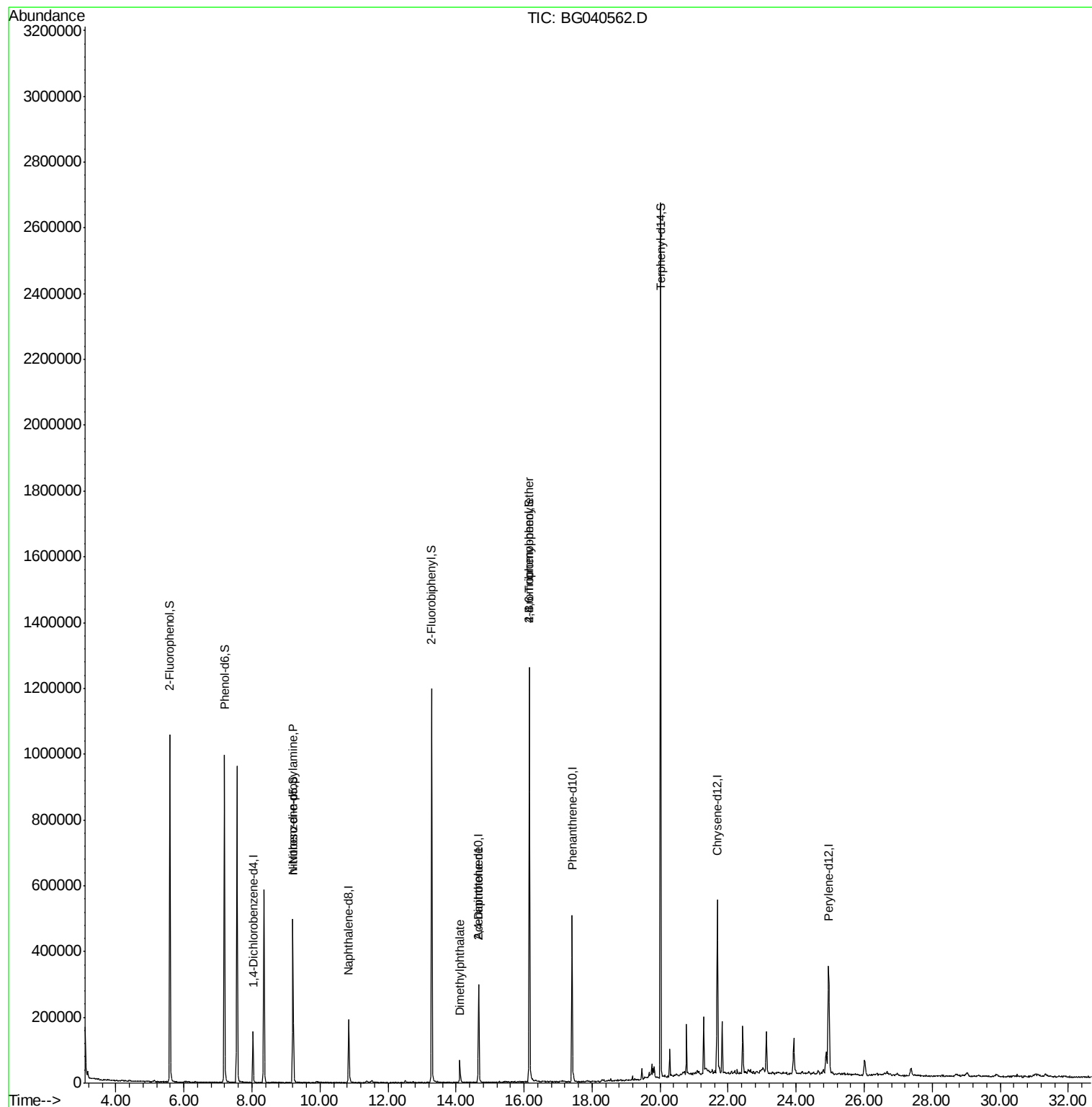
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	42212	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	168753	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	112113	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	323446	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	305614	20.00	ng	-0.01
87) Perylene-d12	24.95	264	338055	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	455294	179.31	ng	-0.01
7) Phenol-d6	7.19	99	550725	156.94	ng	0.00
23) Nitrobenzene-d5	9.21	82	310857	97.91	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	230463	190.21	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	654618	86.52	ng	-0.01
79) Terphenyl-d14	20.01	244	1227299	90.34	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	39325	15.630	ng	Qvalue # 74
50) Dimethylphthalate	14.11	163	53819	6.134	ng	96
57) 2,4-Dinitrotoluene	14.66	165	14286	5.218	ng	# 28
67) 4-Bromophenyl-phenylether	16.15	248	18157	4.988	ng	# 1

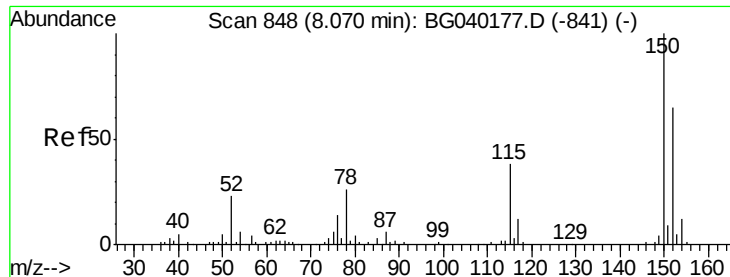
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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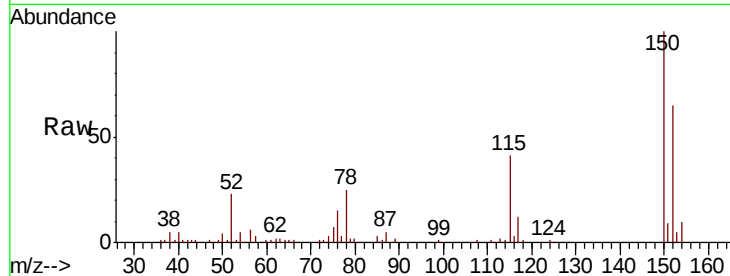


#1

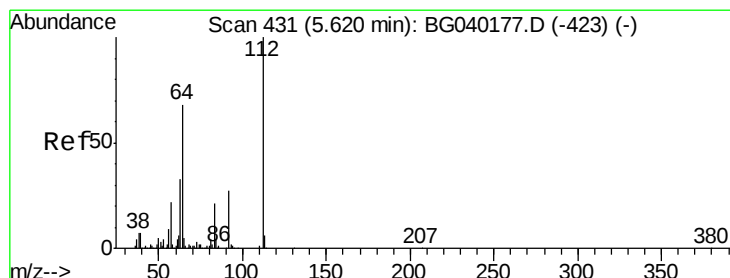
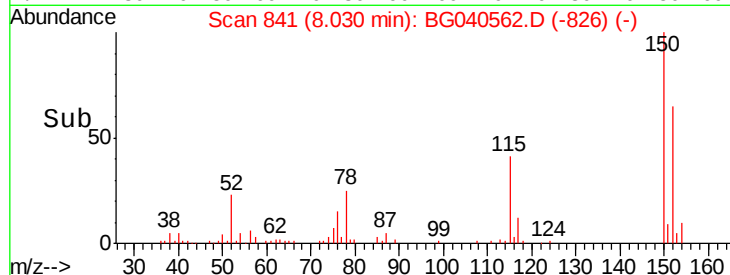
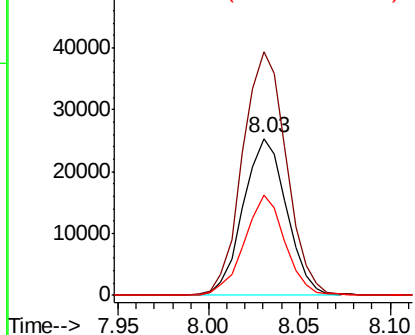
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG040562.D
Acq: 19 Apr 2019 15:18

Instrument :
BNA_G
ClientSampleId :
TP-TRACK-8-9

Tgt Ion:152 Resp: 42212
Ion Ratio Lower Upper
152 100
150 154.9 123.7 185.5
115 63.5 46.9 70.3



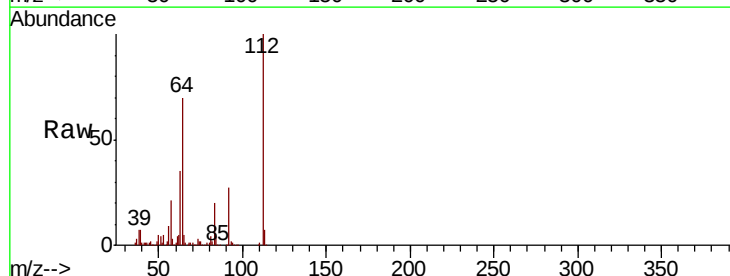
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



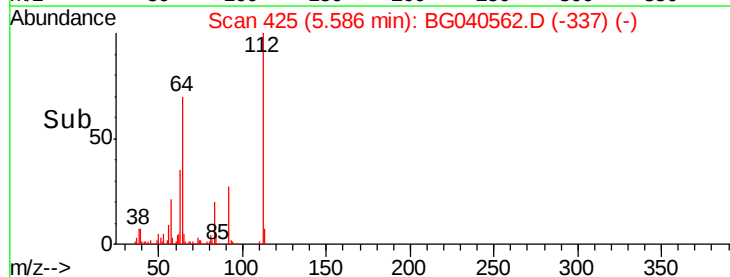
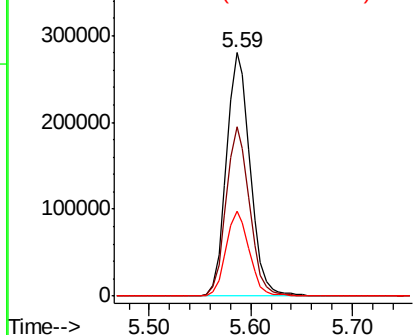
#5

2-Fluorophenol
Concen: 179.306 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.01 min
Lab File: BG040562.D
Acq: 19 Apr 2019 15:18

Tgt Ion:112 Resp: 455294
Ion Ratio Lower Upper
112 100
64 69.7 54.2 81.2
63 34.8 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: 156.937 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG040562.D

Acq: 19 Apr 2019 15:18

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-8-9

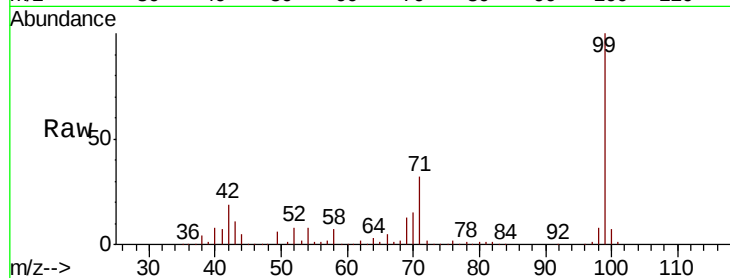
Tgt Ion: 99 Resp: 550725

Ion Ratio Lower Upper

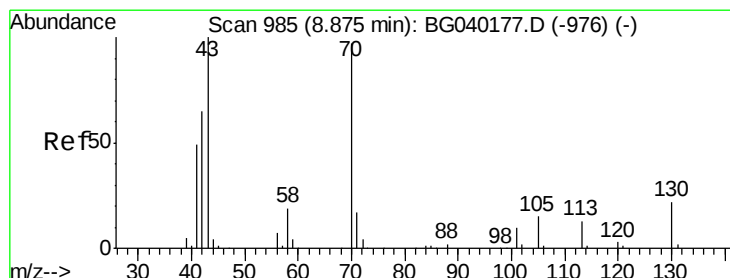
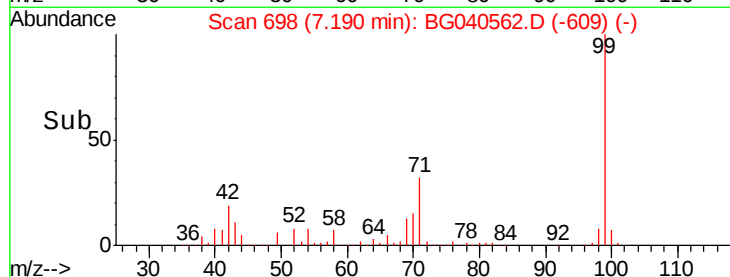
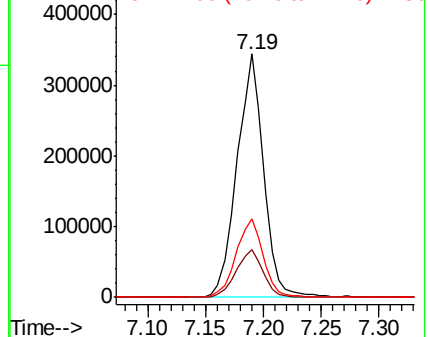
99 100

42 19.4 16.2 24.2

71 32.0 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: 15.630 ng

RT: 9.21 min Scan# 1041

Delta R.T. 0.36 min

Lab File: BG040562.D

Acq: 19 Apr 2019 15:18

Tgt Ion: 70 Resp: 39325

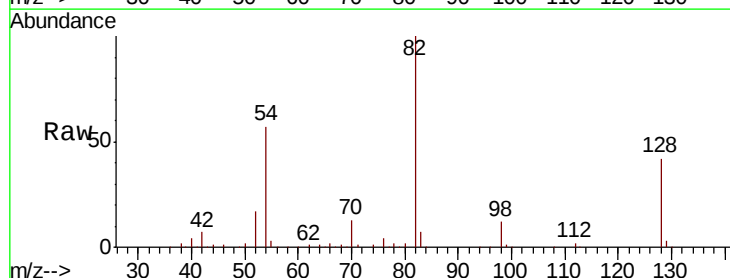
Ion Ratio Lower Upper

70 100

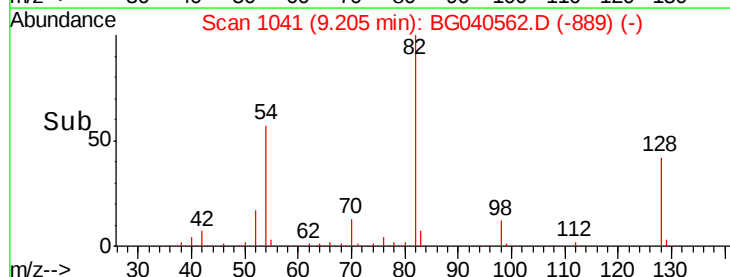
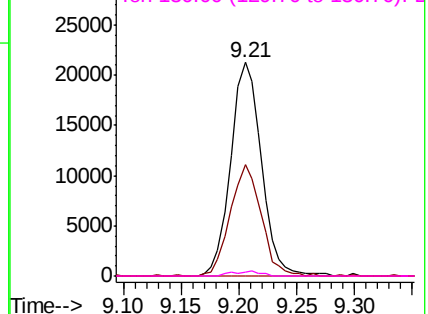
42 52.0 54.0 81.0#

101 0.0 8.6 13.0#

130 2.0 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

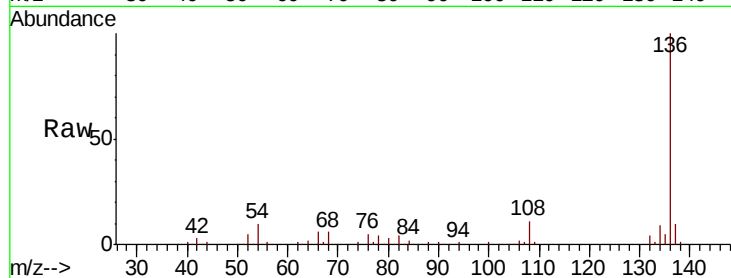




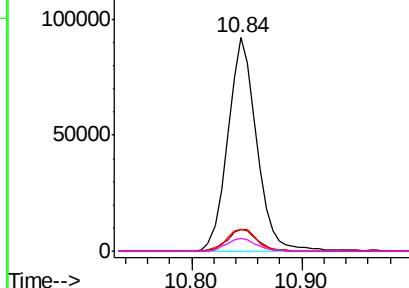
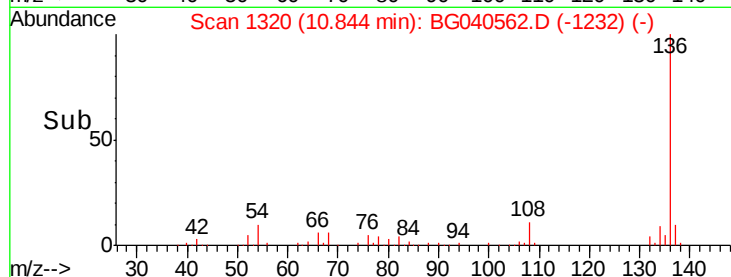
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG040562.D
Acq: 19 Apr 2019 15:18

Instrument :
BNA_G
ClientSampleId :
TP-TRACK-8-9

Tgt Ion:	136	Resp:	168753
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	10.4	9.6	14.4
68	5.8	5.1	7.7

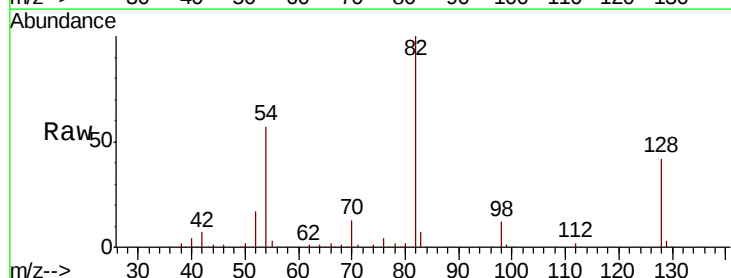


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

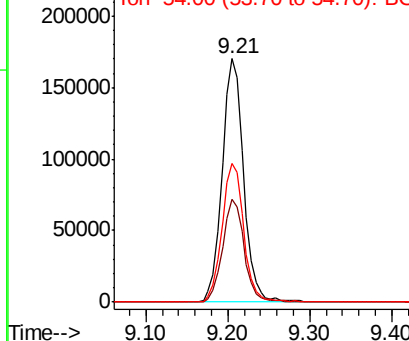
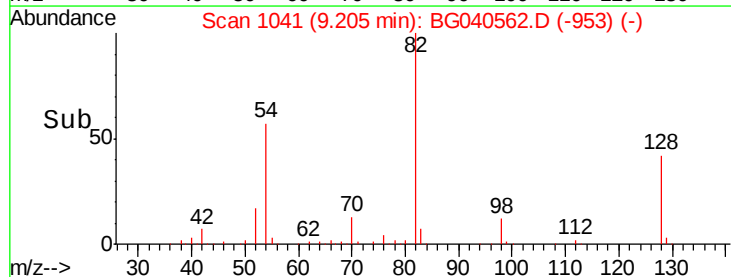


#23
Nitrobenzene-d5
Concen: 97.913 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG040562.D
Acq: 19 Apr 2019 15:18

Tgt Ion:	82	Resp:	310857
Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.8	53.8
54	56.8	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

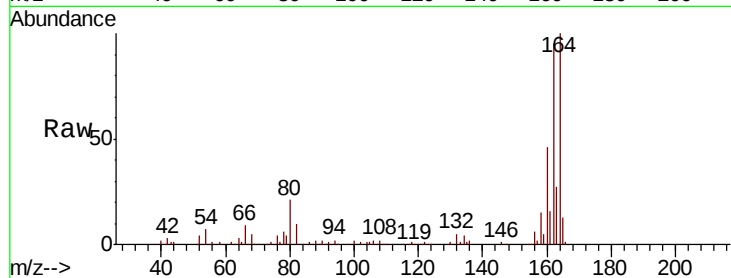




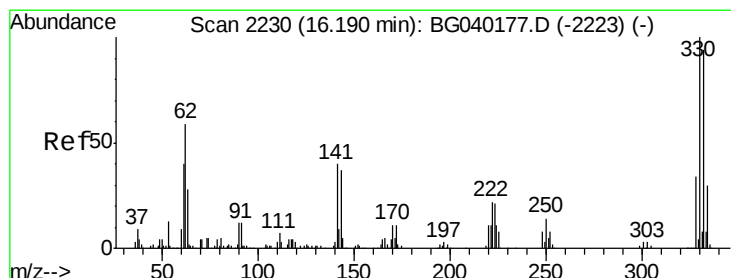
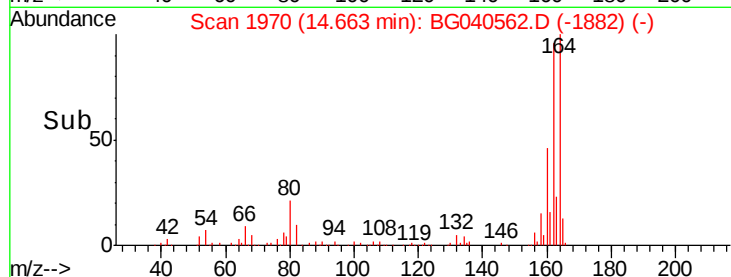
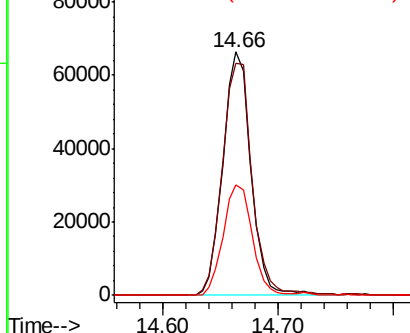
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG040562.D
 Acq: 19 Apr 2019 15:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-TRACK-8-9

Tgt Ion:164 Resp: 112113
 Ion Ratio Lower Upper
 164 100
 162 95.5 77.4 116.2
 160 45.6 35.3 52.9

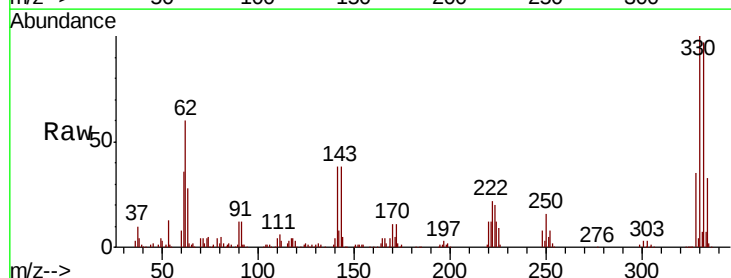


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

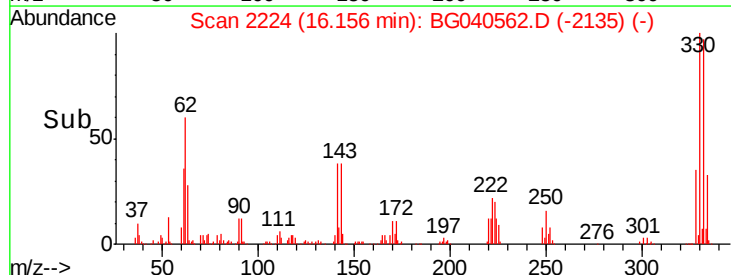
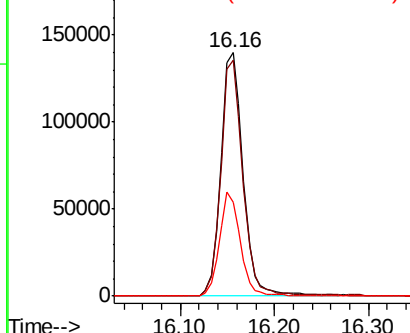


#42
 2,4,6-Tribromophenol
 Concen: 190.206 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG040562.D
 Acq: 19 Apr 2019 15:18

Tgt Ion:330 Resp: 230463
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 115.0
 141 40.4 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: 86.519 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG040562.D

Acq: 19 Apr 2019 15:18

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-8-9

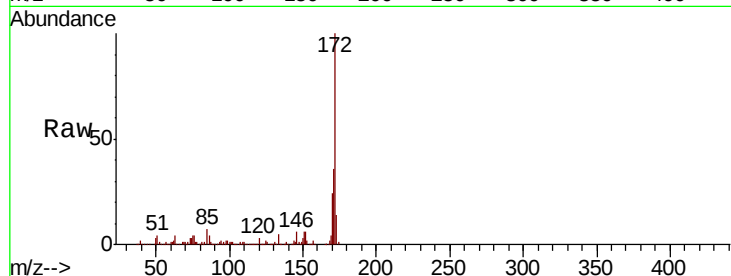
Tgt Ion:172 Resp: 654618

Ion Ratio Lower Upper

172 100

171 35.8 30.5 45.7

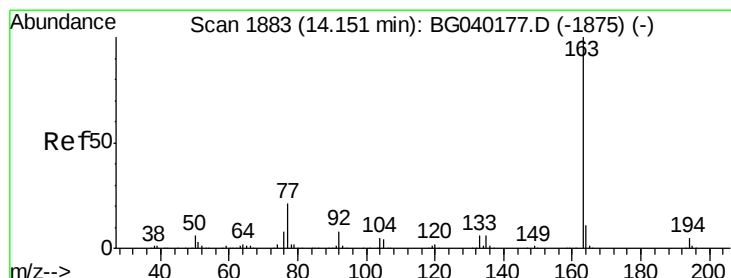
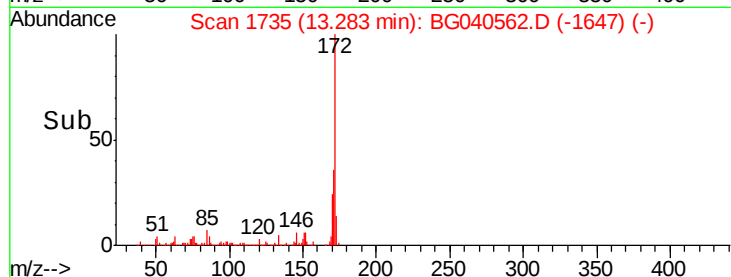
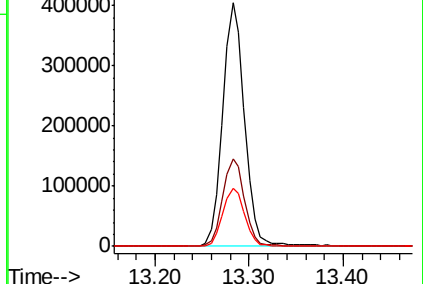
170 23.6 20.1 30.1



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: 6.134 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG040562.D

Acq: 19 Apr 2019 15:18

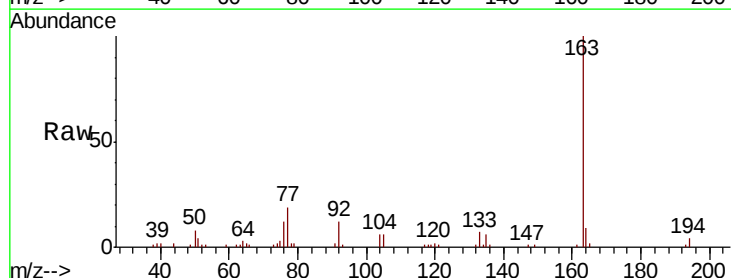
Tgt Ion:163 Resp: 53819

Ion Ratio Lower Upper

163 100

194 4.4 4.1 6.1

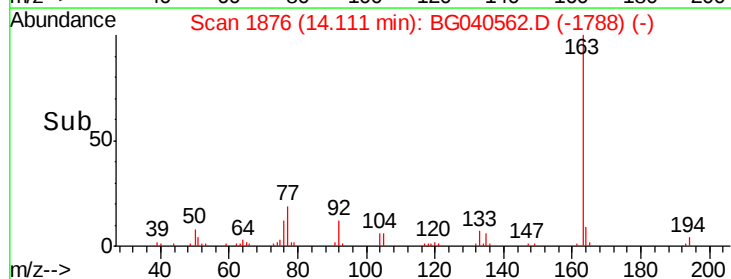
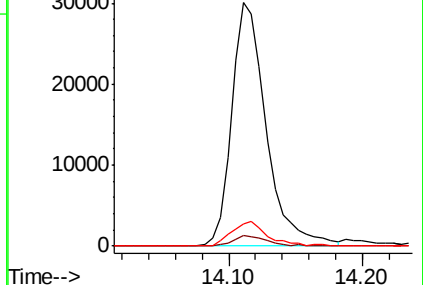
164 9.1 8.6 13.0



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

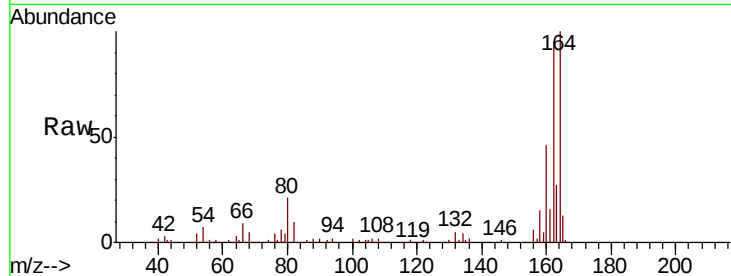




#57
 2,4-Dinitrotoluene
 Concen: 5.218 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.38 min
 Lab File: BG040562.D
 Acq: 19 Apr 2019 15:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-TRACK-8-9

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.3	33.8	50.6#
89	3.4	55.4	83.2#
182	0.0	2.2	3.4#



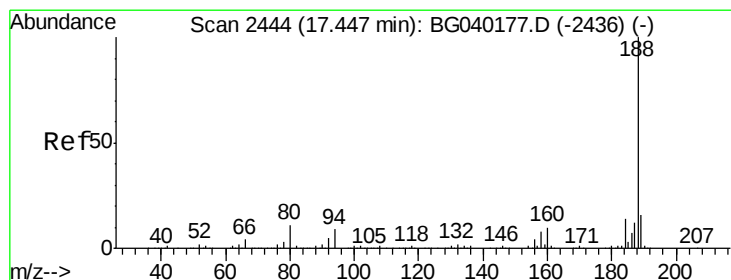
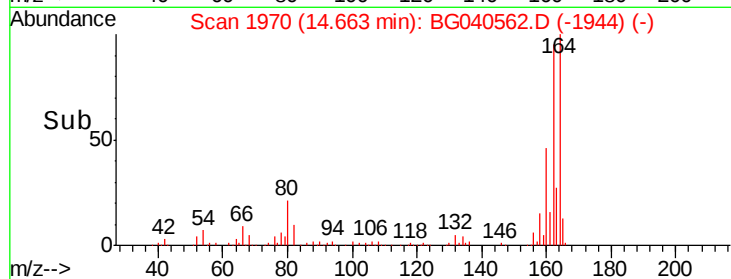
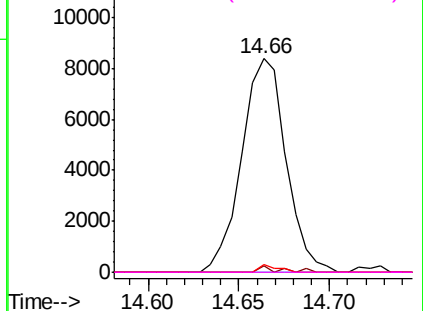
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

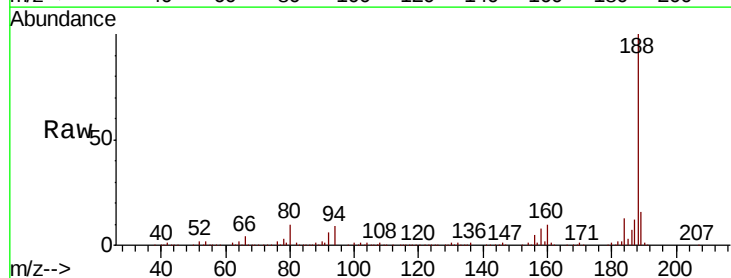
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG040562.D
 Acq: 19 Apr 2019 15:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.4
80	10.5	8.6	13.0

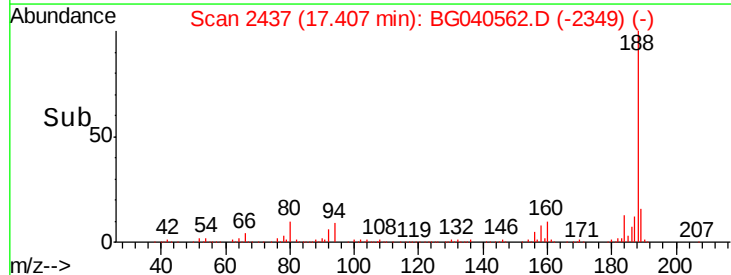
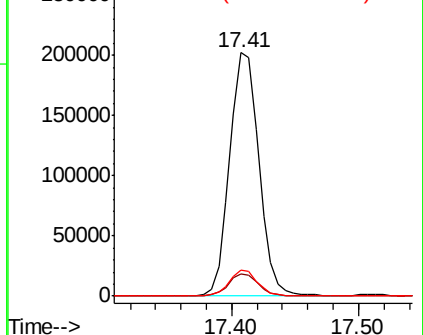


Abundance

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

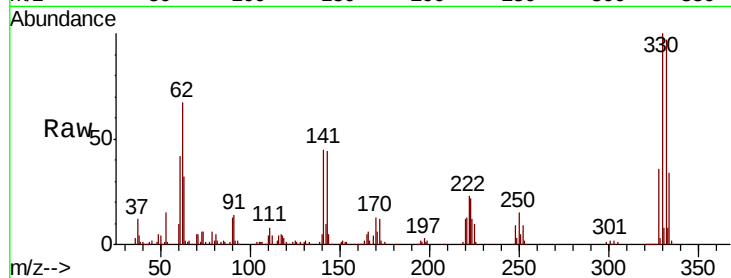




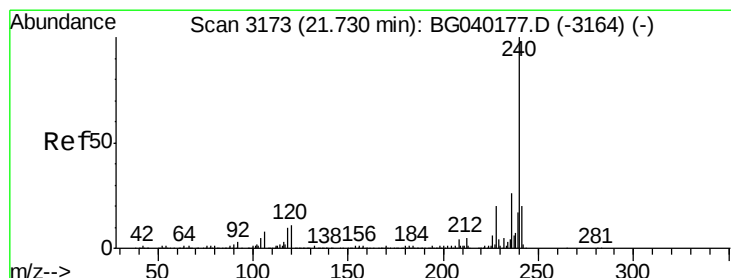
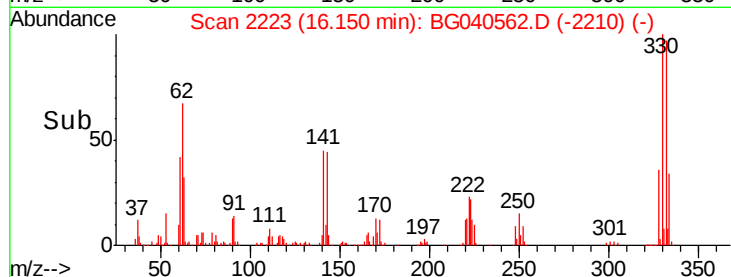
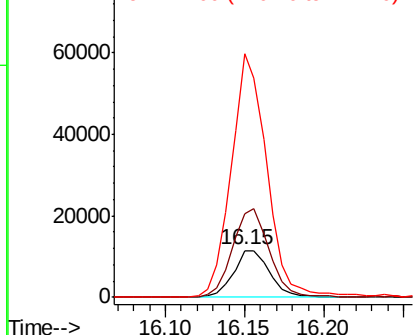
#67
 4-Bromophenyl-phenylether
 Concen: 4.988 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG040562.D
 Acq: 19 Apr 2019 15:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-TRACK-8-9

Tgt Ion:248 Resp: 18157
 Ion Ratio Lower Upper
 248 100
 250 178.8 76.4 114.6#
 141 521.4 53.8 80.8#

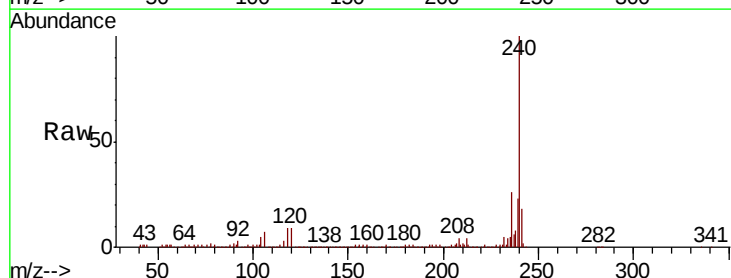


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

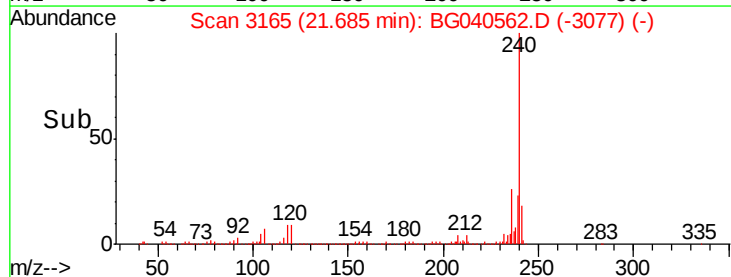
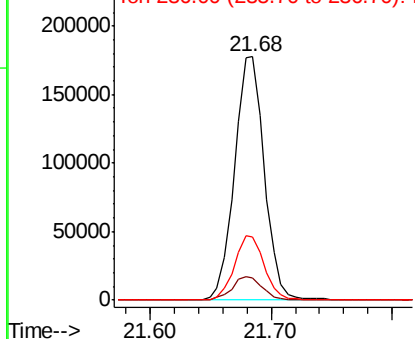


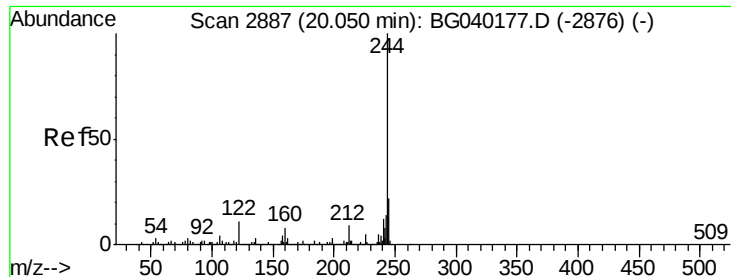
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG040562.D
 Acq: 19 Apr 2019 15:18

Tgt Ion:240 Resp: 305614
 Ion Ratio Lower Upper
 240 100
 120 9.3 8.4 12.6
 236 26.2 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: 90.343 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG040562.D

Acq: 19 Apr 2019 15:18

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-8-9

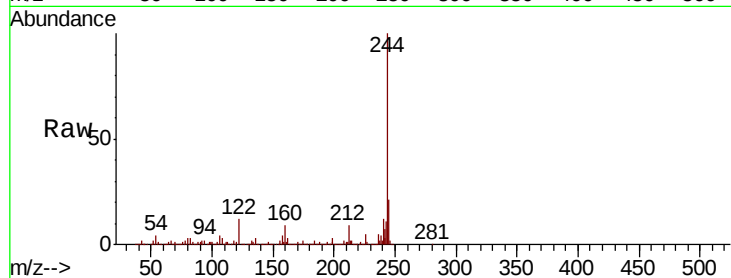
Tgt Ion:244 Resp: 1227299

Ion Ratio Lower Upper

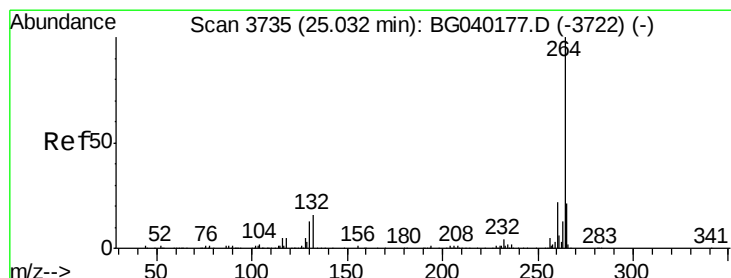
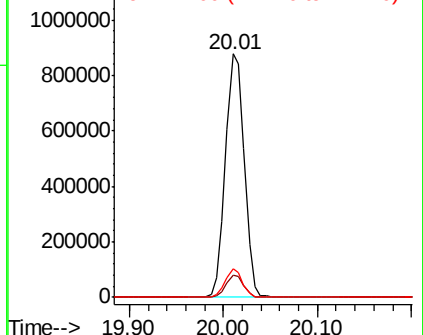
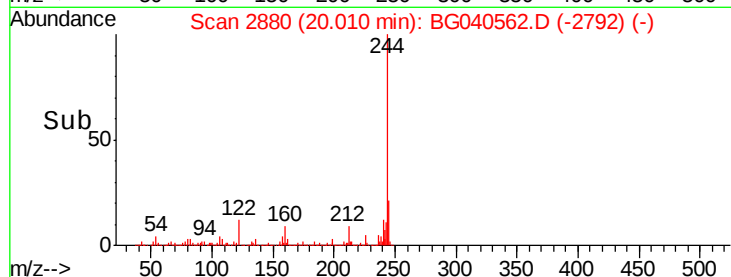
244 100

212 9.0 7.0 10.6

122 11.6 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: 24.95 min Scan# 3721

Delta R.T. -0.02 min

Lab File: BG040562.D

Acq: 19 Apr 2019 15:18

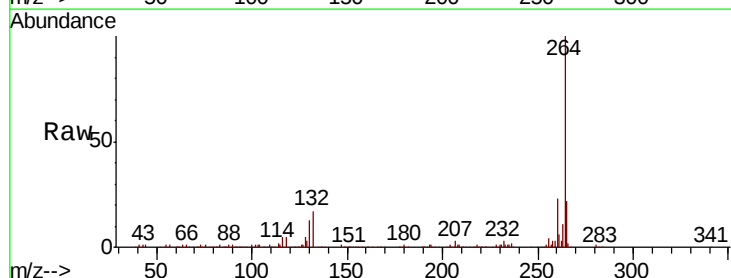
Tgt Ion:264 Resp: 338055

Ion Ratio Lower Upper

264 100

260 23.3 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

