

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032819\
 Data File : BG040223.D
 Acq On : 29 Mar 2019 7:02
 Operator : JU/SJ
 Sample : K2107-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Mar 29 08:20:12 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

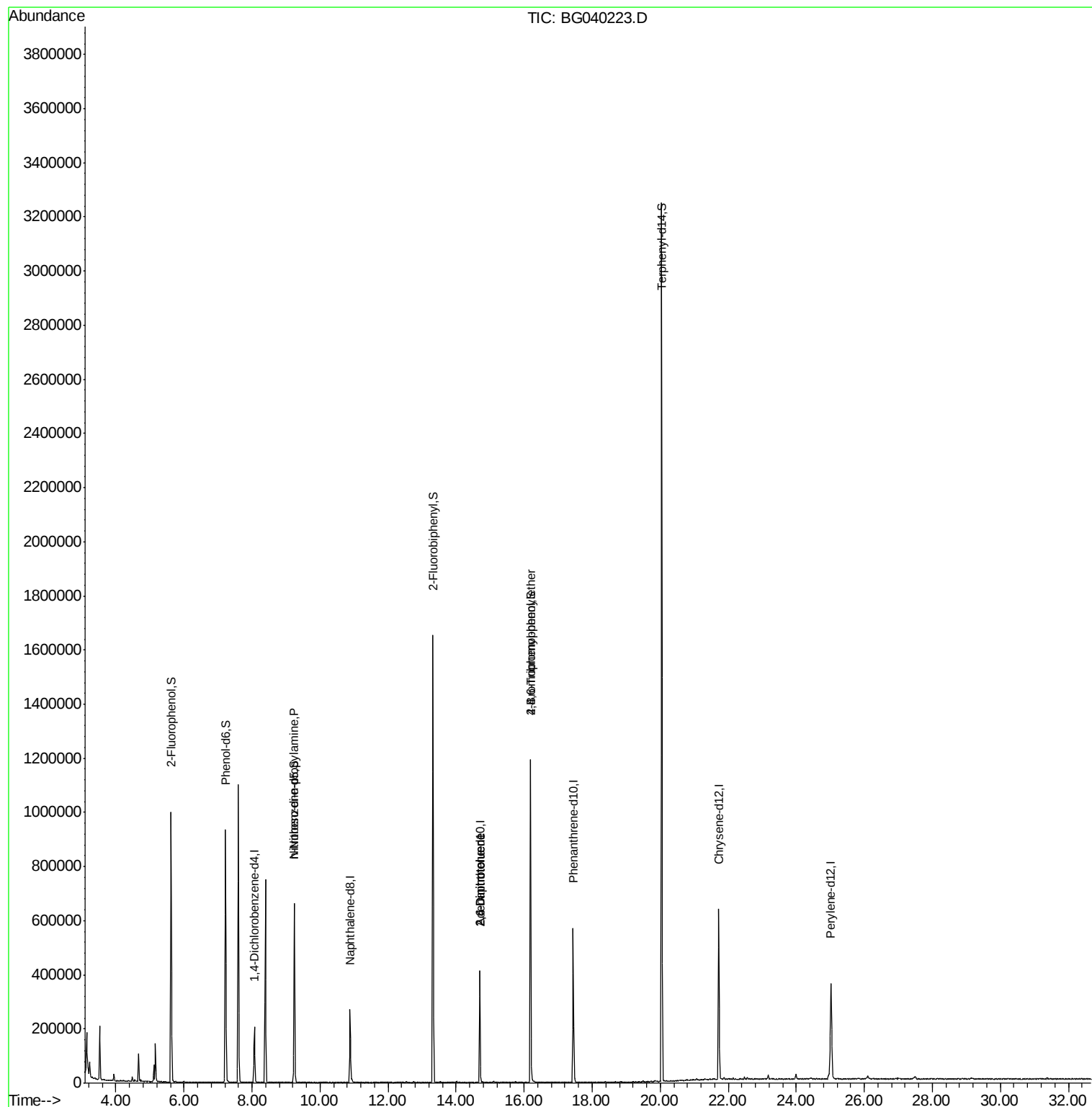
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	56602	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	233805	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	144574	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	364234	20.00	ng	0.00
76) Chrysene-d12	21.72	240	395254	20.00	ng	0.00
87) Perylene-d12	25.02	264	383634	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	445960	130.98	ng	0.00
7) Phenol-d6	7.22	99	549853	116.85	ng	0.00
23) Nitrobenzene-d5	9.24	82	400857	91.13	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	218507	139.85	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	904118	92.66	ng	0.00
79) Terphenyl-d14	20.04	244	1475823	84.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	50068	14.841	ng	# 76
51) 2,6-Dinitrotoluene	14.70	165	18487	7.277	ng	# 26
57) 2,4-Dinitrotoluene	14.70	165	18487	5.237	ng	# 26
67) 4-Bromophenyl-phenylether	16.19	248	16166	3.944	ng	# 1

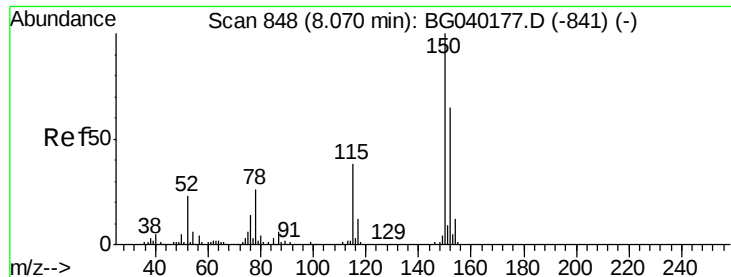
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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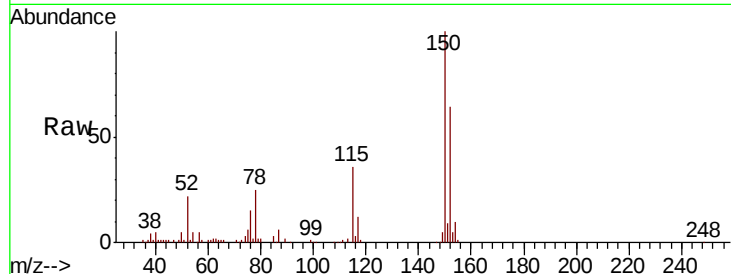


#1

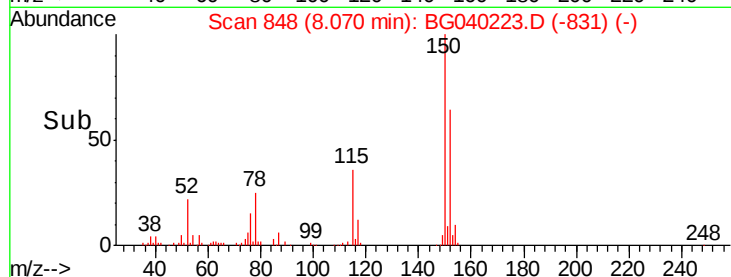
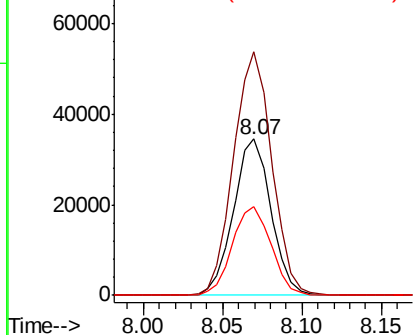
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG040223.D
Acq: 29 Mar 2019 7:02

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 56602
Ion Ratio Lower Upper
152 100
150 155.6 123.7 185.5
115 56.6 46.9 70.3



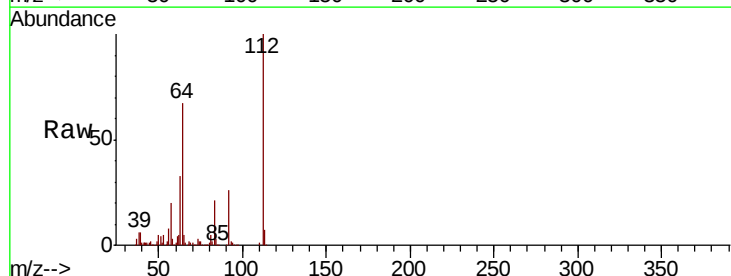
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



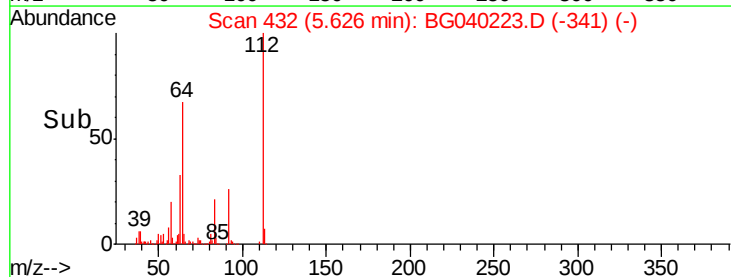
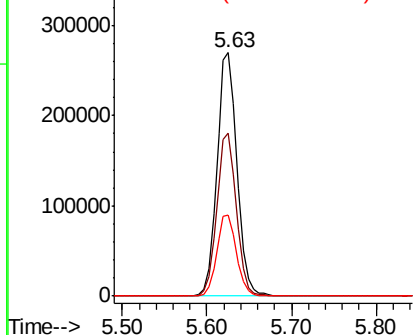
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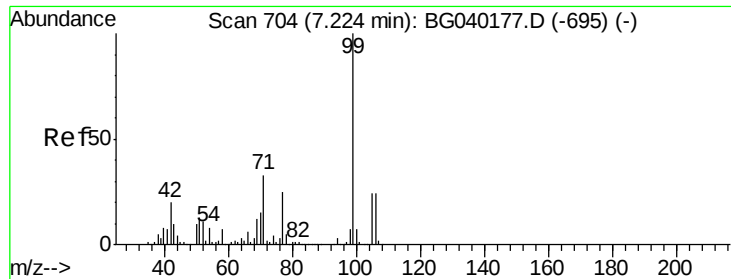
2-Fluorophenol
Concen: 130.979 ng
RT: 5.63 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG040223.D
Acq: 29 Mar 2019 7:02

Tgt Ion:112 Resp: 445960
Ion Ratio Lower Upper
112 100
64 67.1 54.2 81.2
63 33.4 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: 116.853 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG040223.D

Acq: 29 Mar 2019 7:02

Instrument :

BNA_G

ClientSampleId :

TP-5

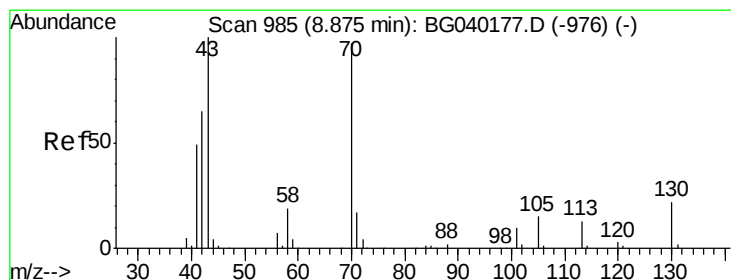
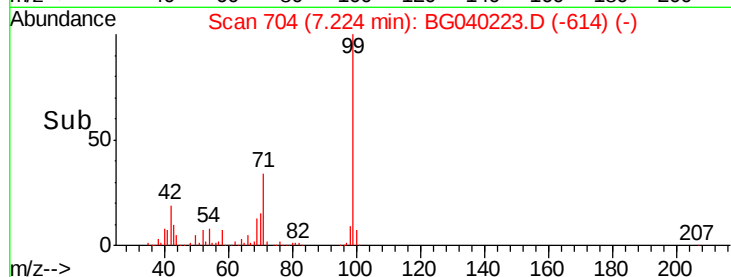
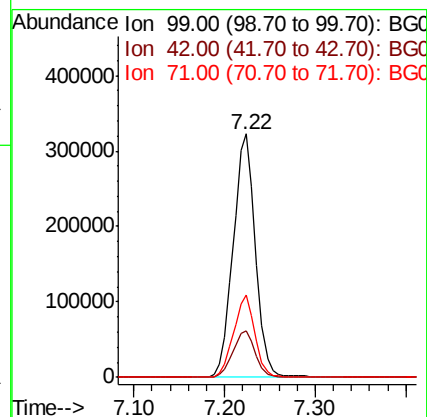
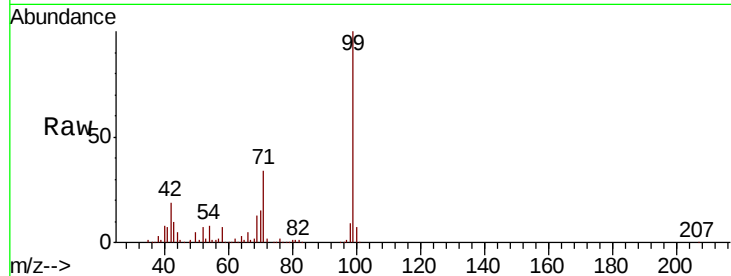
Tgt Ion: 99 Resp: 549853

Ion Ratio Lower Upper

99 100

42 19.0 16.2 24.2

71 33.8 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 14.841 ng

RT: 9.24 min Scan# 1048

Delta R.T. 0.37 min

Lab File: BG040223.D

Acq: 29 Mar 2019 7:02

Tgt Ion: 70 Resp: 50068

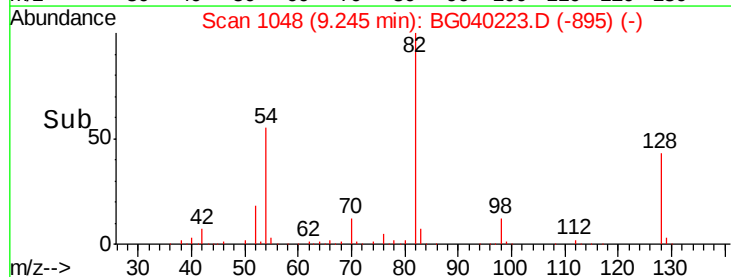
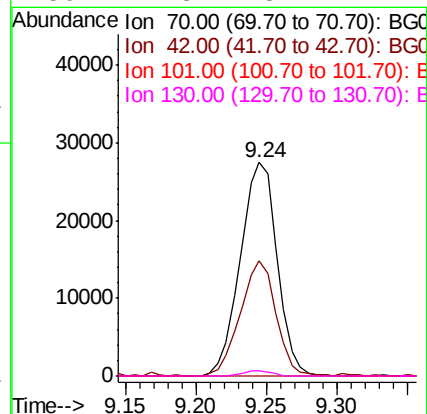
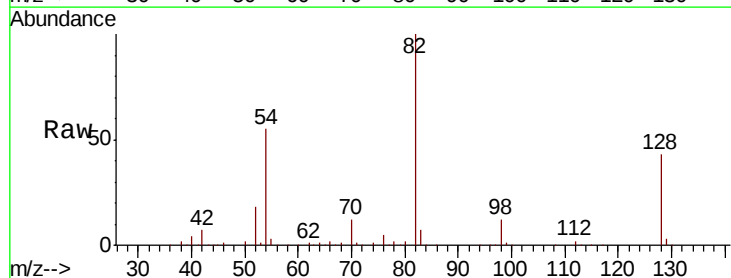
Ion Ratio Lower Upper

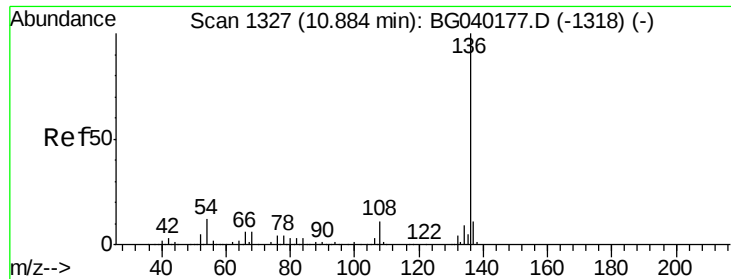
70 100

42 53.8 54.0 81.0#

101 0.0 8.6 13.0#

130 2.3 18.2 27.2#

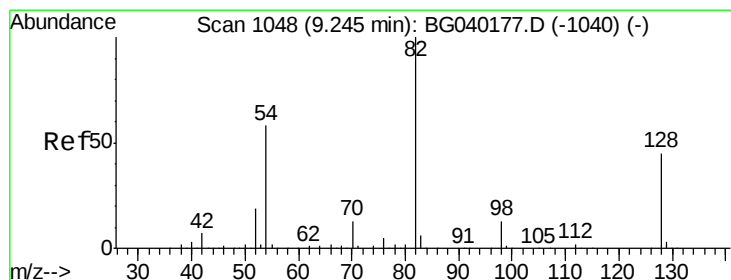
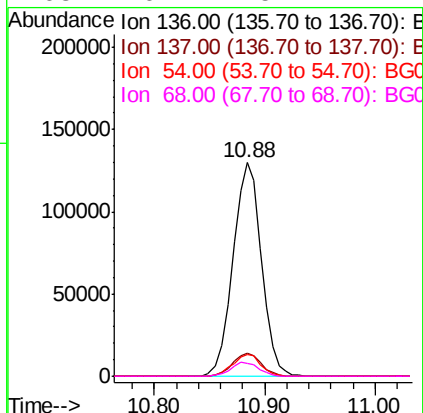
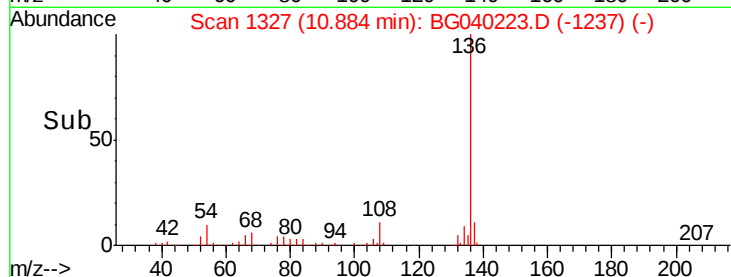
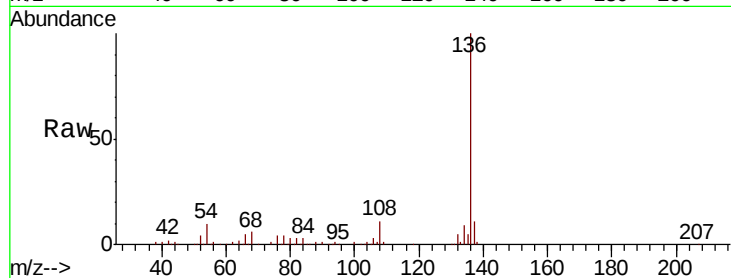




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG040223.D
Acq: 29 Mar 2019 7:02

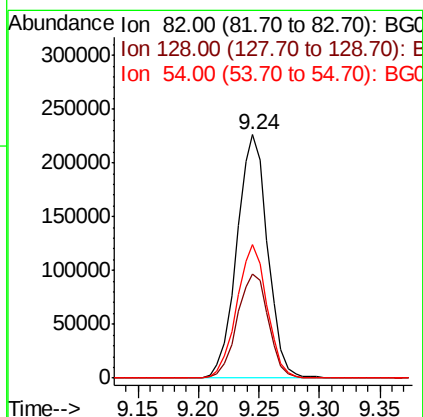
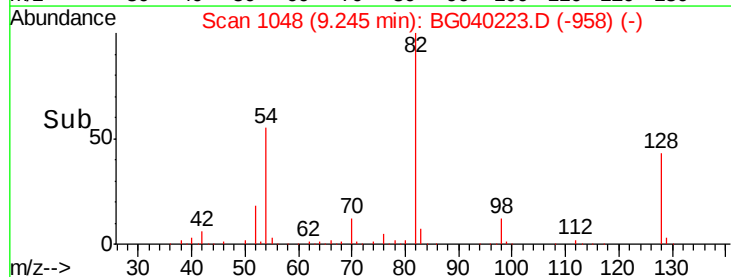
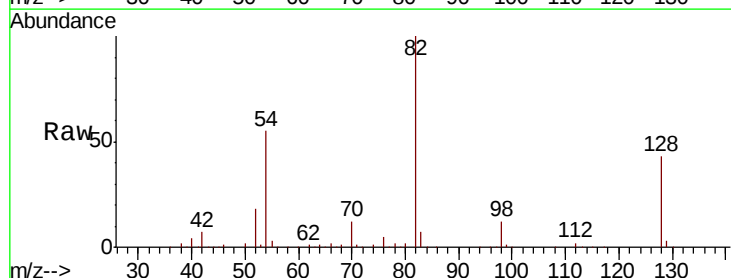
Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:	136	Resp:	233805
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	10.0	9.6	14.4
68	6.1	5.1	7.7



#23
Nitrobenzene-d5
Concen: 91.131 ng
RT: 9.24 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG040223.D
Acq: 29 Mar 2019 7:02

Tgt Ion:	82	Resp:	400857
Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.8	53.8
54	54.9	46.2	69.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG040223.D

Acq: 29 Mar 2019 7:02

Instrument :

BNA_G

ClientSampleId :

TP-5

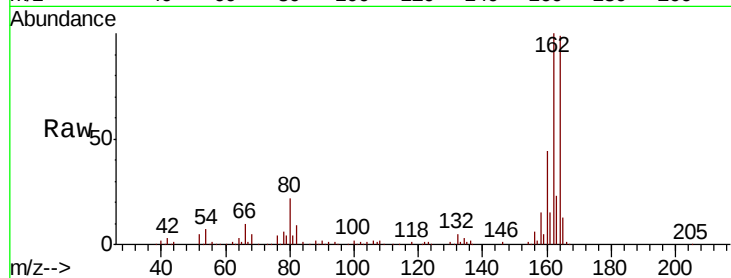
Tgt Ion:164 Resp: 144574

Ion Ratio Lower Upper

164 100

162 101.0 77.4 116.2

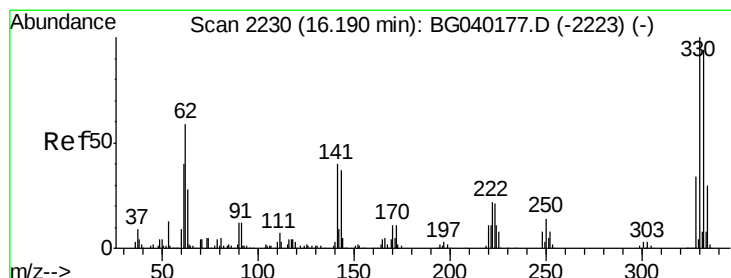
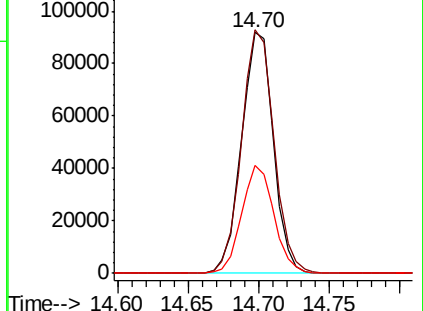
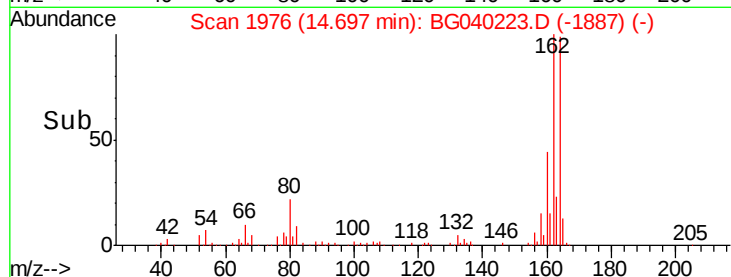
160 45.0 35.3 52.9



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: 139.847 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG040223.D

Acq: 29 Mar 2019 7:02

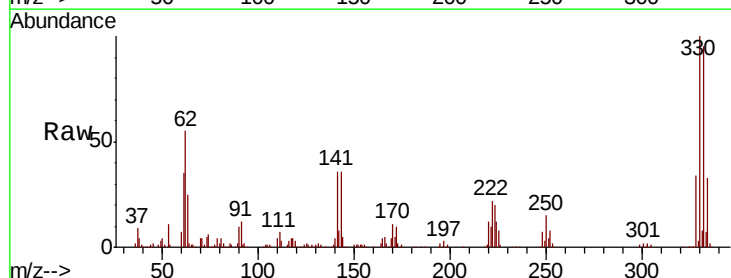
Tgt Ion:330 Resp: 218507

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

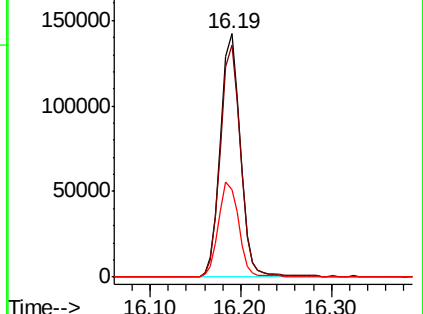
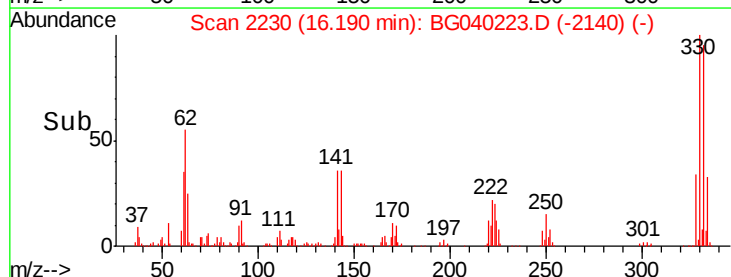
141 39.2 32.6 48.8



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

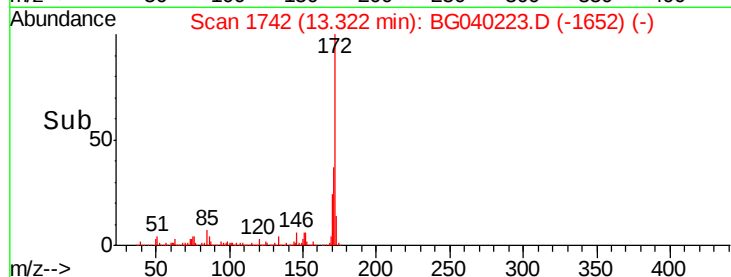
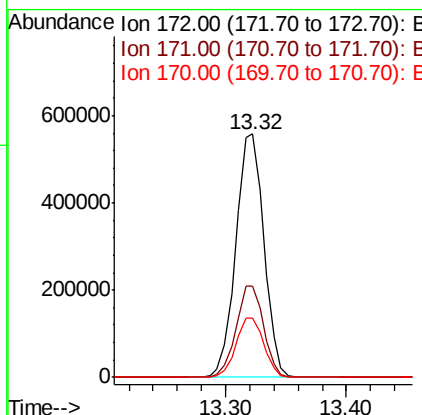
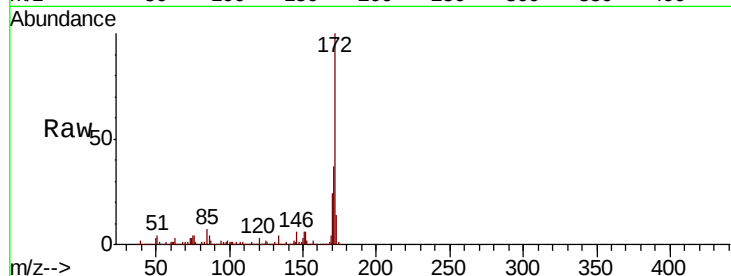




#45
2-Fluorobiphenyl
Concen: 92.665 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BG040223.D
Acq: 29 Mar 2019 7:02

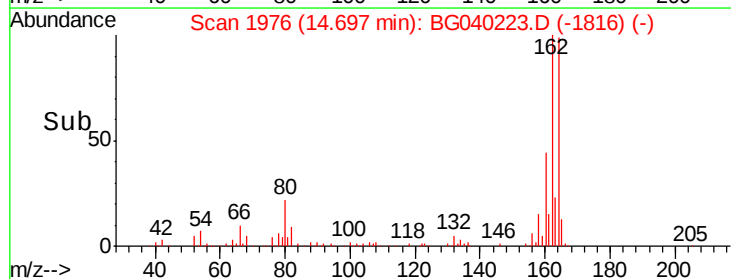
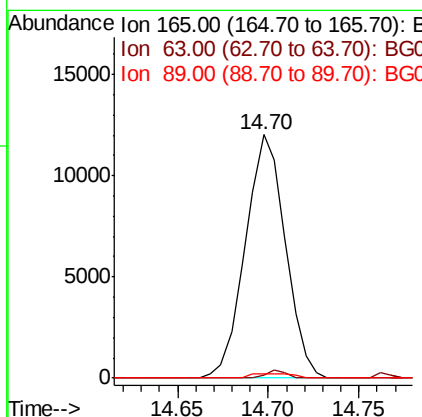
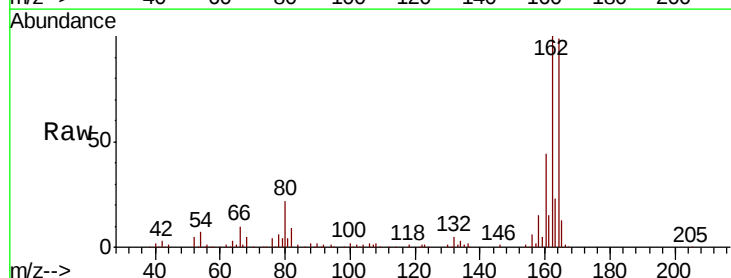
Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.5	45.7
170	24.4	20.1	30.1



#51
2,6-Dinitrotoluene
Concen: 7.277 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.41 min
Lab File: BG040223.D
Acq: 29 Mar 2019 7:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.1	66.1#
89	1.6	44.9	67.3#

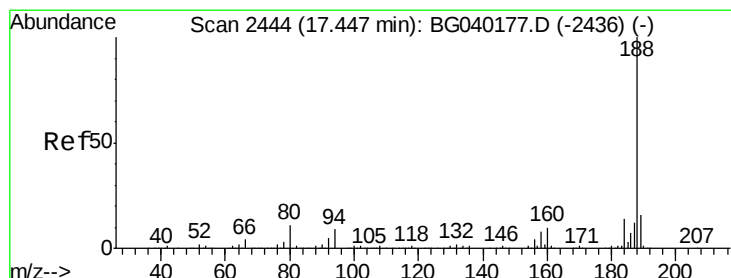
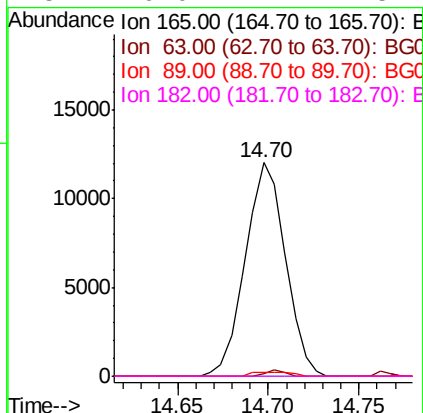
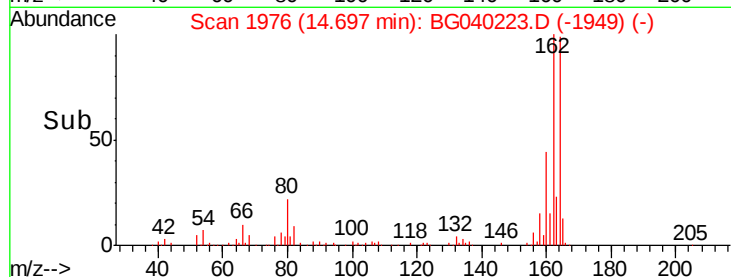
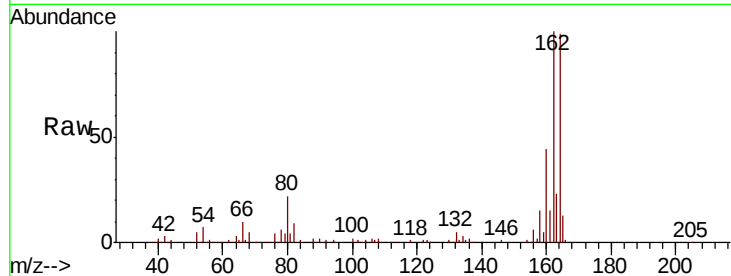




#57
 2,4-Dinitrotoluene
 Concen: 5.237 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.37 min
 Lab File: BG040223.D
 Acq: 29 Mar 2019 7:02

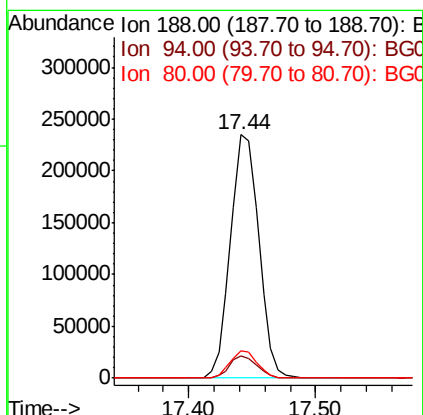
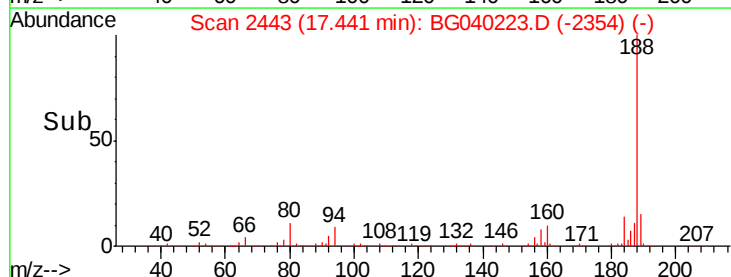
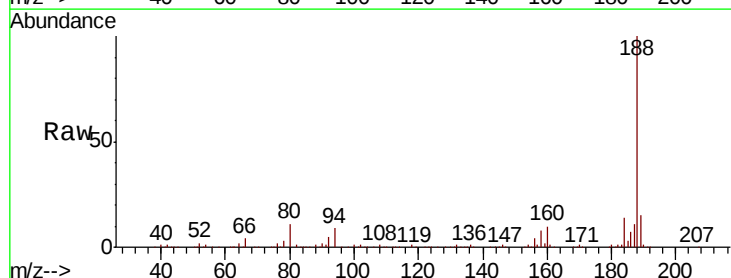
Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.8	50.6#
89	1.6	55.4	83.2#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG040223.D
 Acq: 29 Mar 2019 7:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.4
80	11.0	8.6	13.0

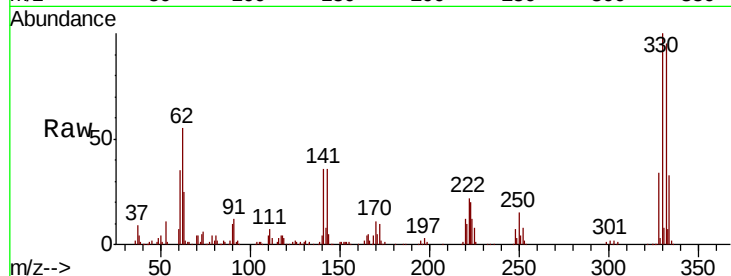




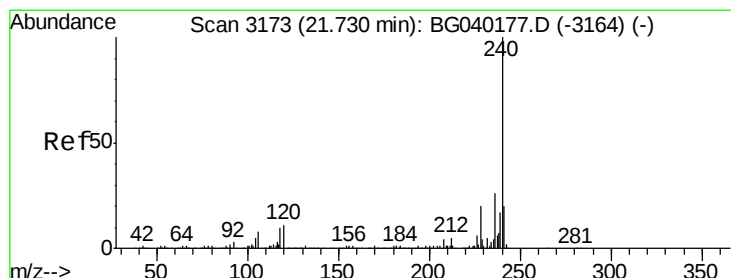
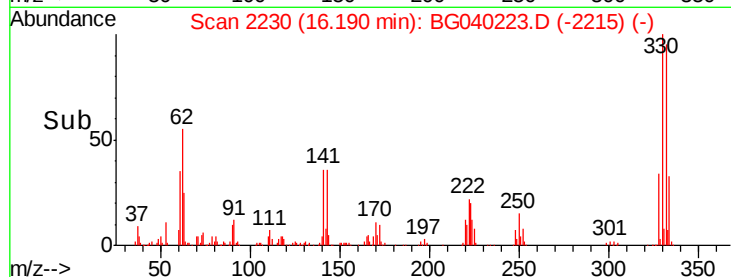
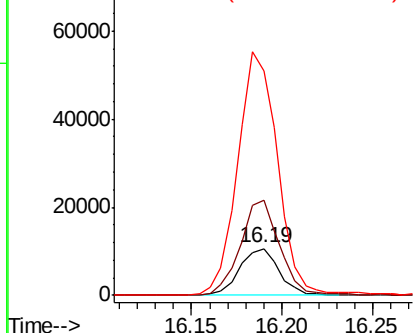
#67
 4-Bromophenyl-phenylether
 Concen: 3.944 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.44 min
 Lab File: BG040223.D
 Acq: 29 Mar 2019 7:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tgt Ion:248 Resp: 16166
 Ion Ratio Lower Upper
 248 100
 250 203.2 76.4 114.6#
 141 483.1 53.8 80.8#

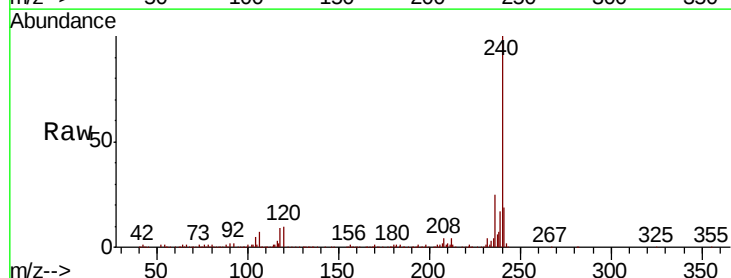


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

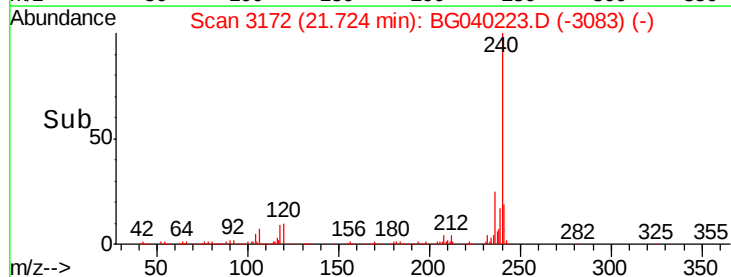
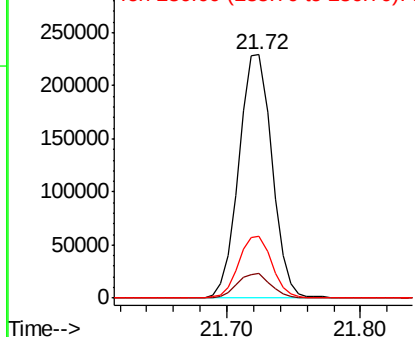


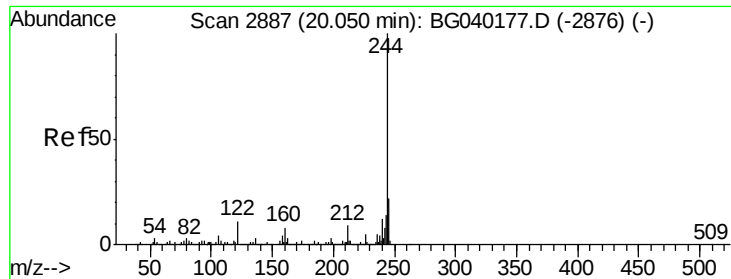
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.01 min
 Lab File: BG040223.D
 Acq: 29 Mar 2019 7:02

Tgt Ion:240 Resp: 395254
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.4 12.6
 236 25.2 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: 83.999 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG040223.D

Acq: 29 Mar 2019 7:02

Instrument :

BNA_G

ClientSampleId :

TP-5

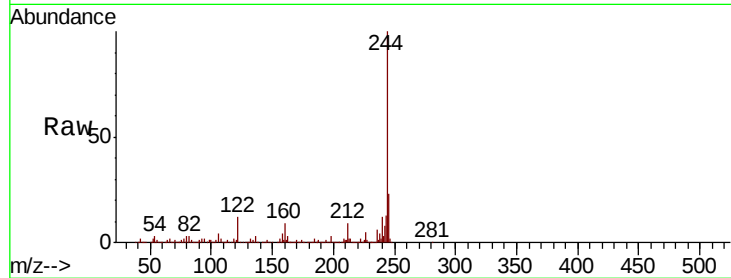
Tgt Ion:244 Resp: 1475823

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

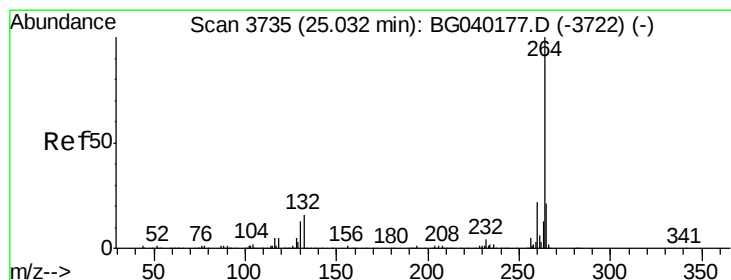
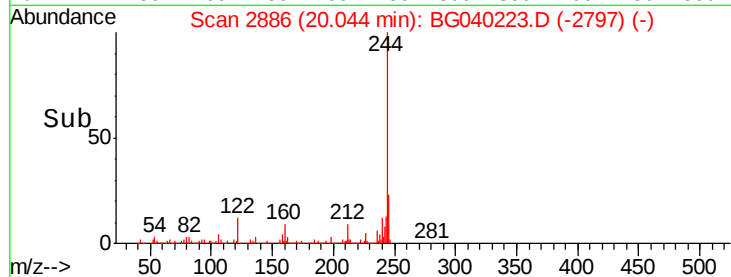
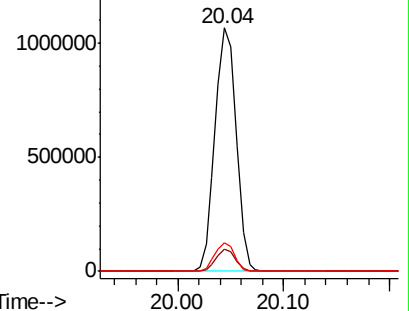
122 11.7 8.5 12.7



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: BG040223.D

Acq: 29 Mar 2019 7:02

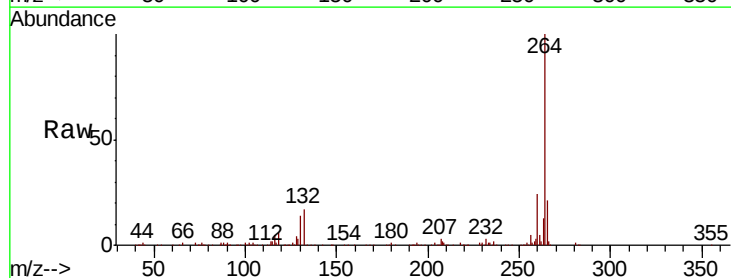
Tgt Ion:264 Resp: 383634

Ion Ratio Lower Upper

264 100

260 24.2 17.9 26.9

265 21.3 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

