

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040273.D
 Acq On : 1 Apr 2019 20:17
 Operator : JU/SJ
 Sample : K2173-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-3

Quant Time: Apr 02 02:17:22 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

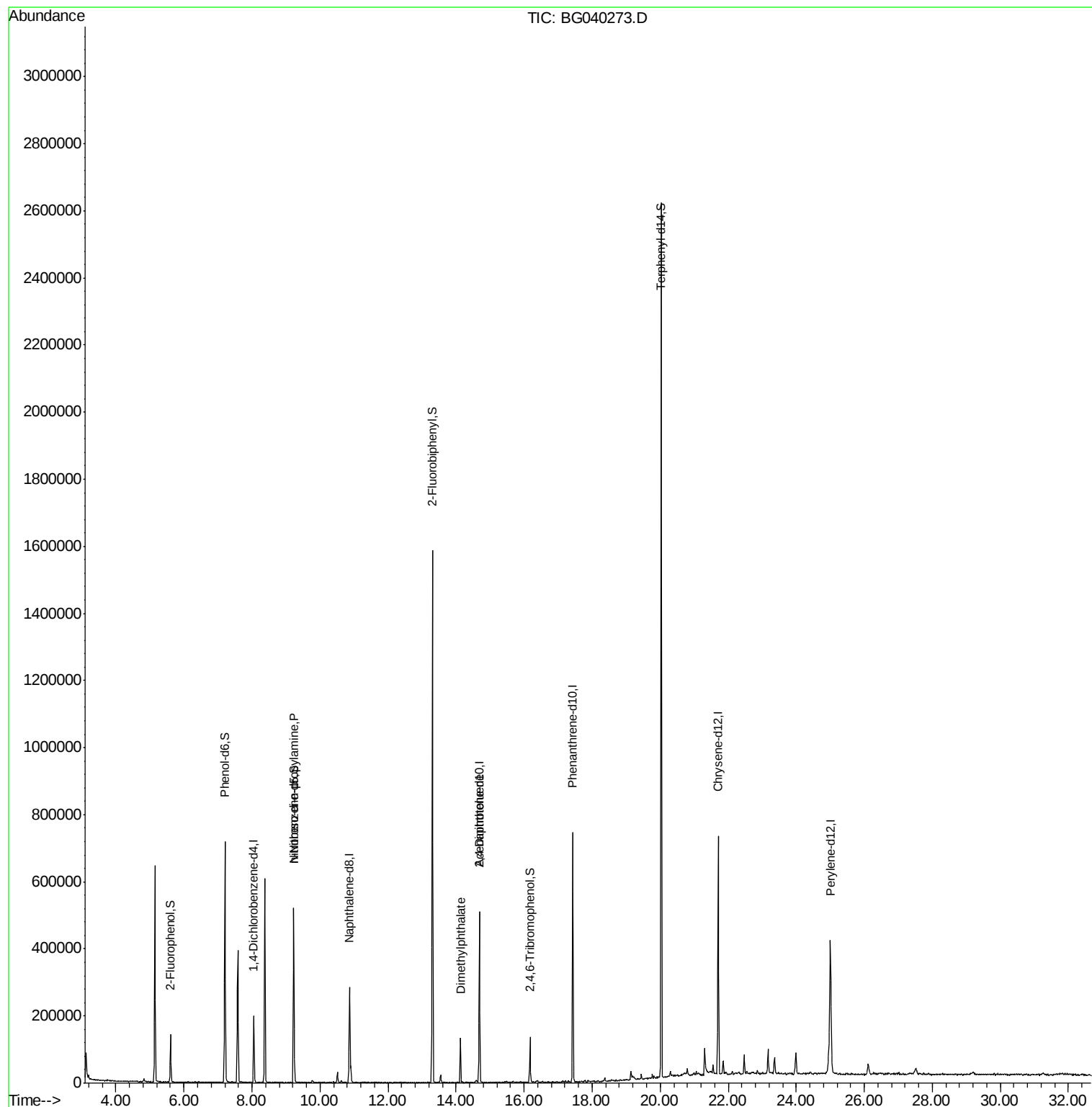
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56188	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	244763	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	176593	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	459532	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	433261	20.00	ng	-0.03
87) Perylene-d12	25.00	264	434329	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	65519	19.38	ng	-0.01
7) Phenol-d6	7.21	99	431119	92.30	ng	-0.02
23) Nitrobenzene-d5	9.23	82	316600	68.75	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	26910	14.10	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	821421	68.92	ng	-0.02
79) Terphenyl-d14	20.03	244	1263445	65.60	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	39690	11.851	ng	# 70
50) Dimethylphthalate	14.13	163	88048	6.371	ng	# 98
57) 2,4-Dinitrotoluene	14.68	165	23248	5.391	ng	# 26

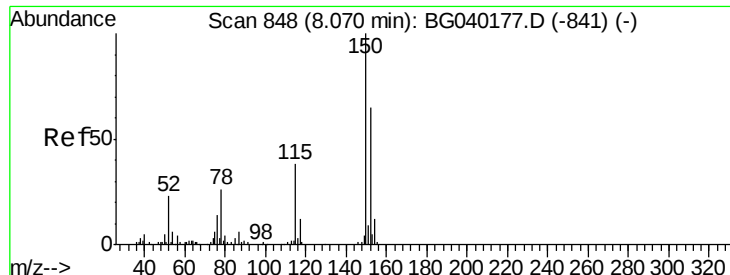
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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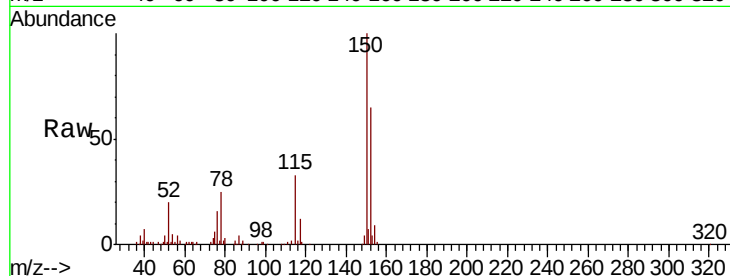


#1

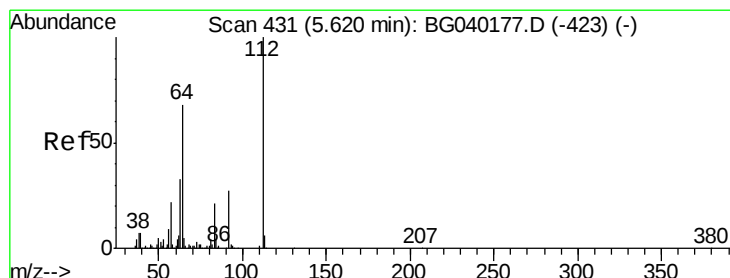
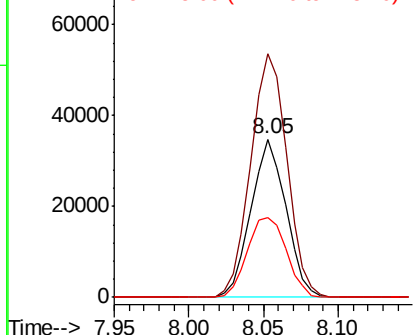
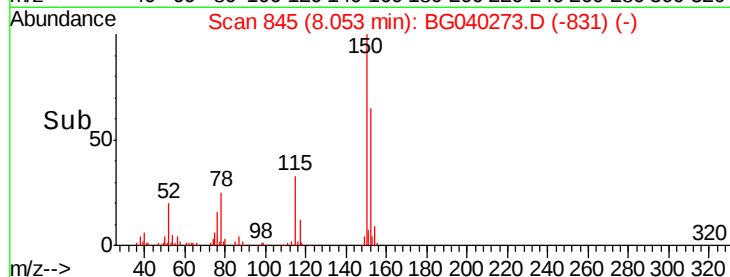
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040273.D
Acq: 1 Apr 2019 20:17

Instrument :
BNA_G
ClientSampleId :
T-3

Tgt Ion:152 Resp: 56188
Ion Ratio Lower Upper
152 100
150 153.8 123.7 185.5
115 50.0 46.9 70.3



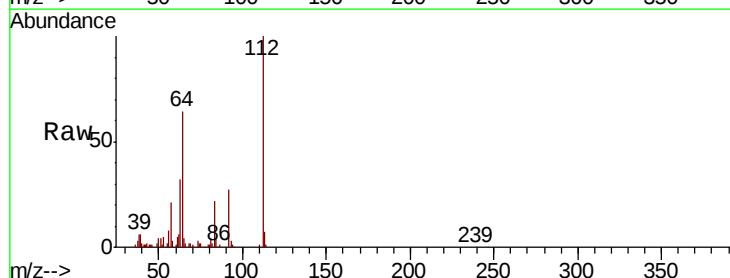
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



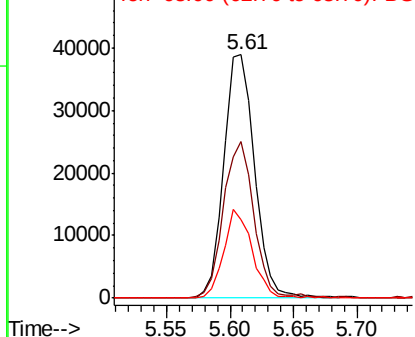
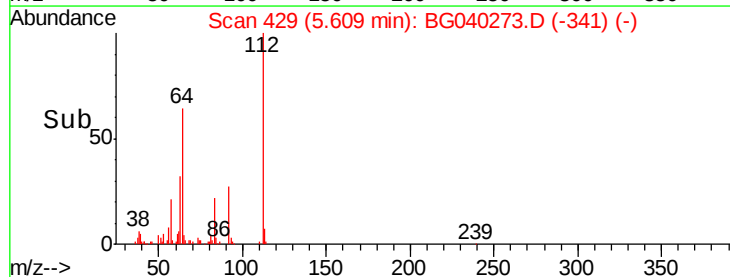
#5

2-Fluorophenol
Concen: 19.385 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040273.D
Acq: 1 Apr 2019 20:17

Tgt Ion:112 Resp: 65519
Ion Ratio Lower Upper
112 100
64 64.4 54.2 81.2
63 32.3 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: 92.295 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040273.D

Acq: 1 Apr 2019 20:17

Instrument :

BNA_G

ClientSampleId :

T-3

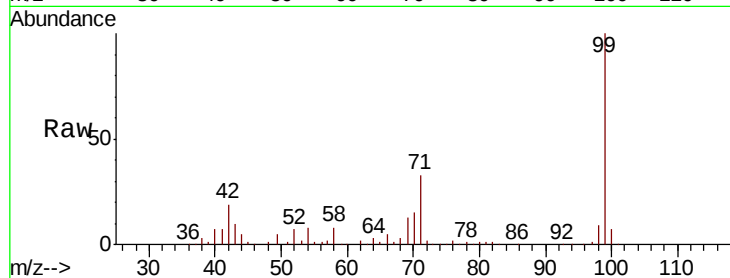
Tgt Ion: 99 Resp: 431119

Ion Ratio Lower Upper

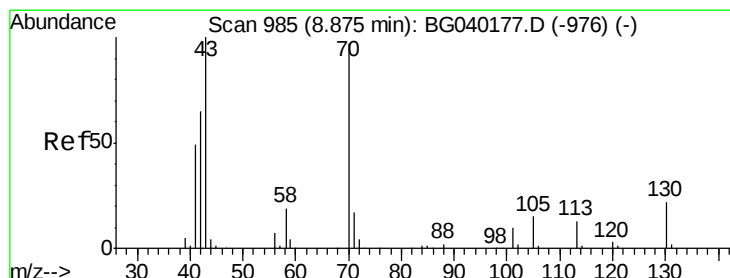
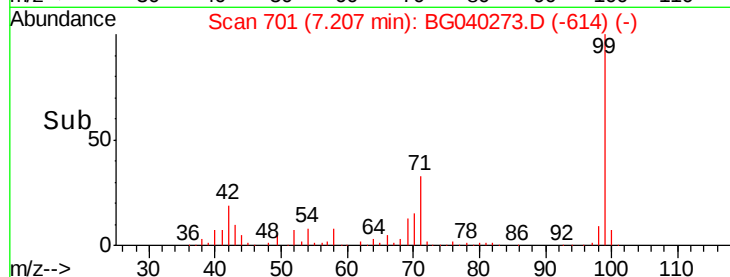
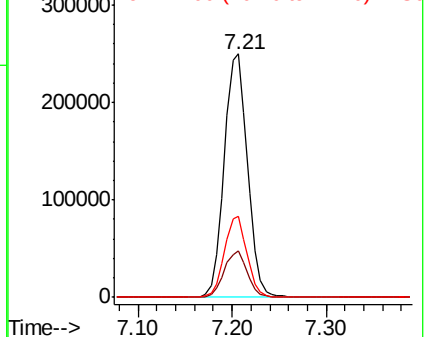
99 100

42 18.9 16.2 24.2

71 33.1 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: 11.851 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.35 min

Lab File: BG040273.D

Acq: 1 Apr 2019 20:17

Tgt Ion: 70 Resp: 39690

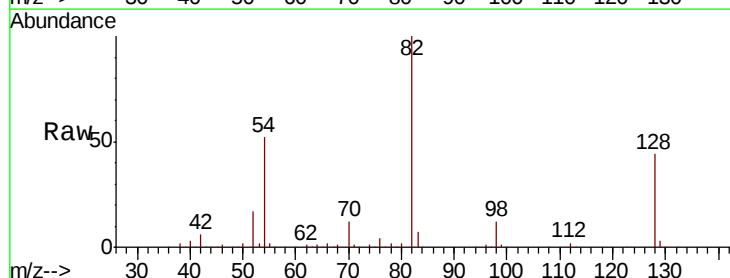
Ion Ratio Lower Upper

70 100

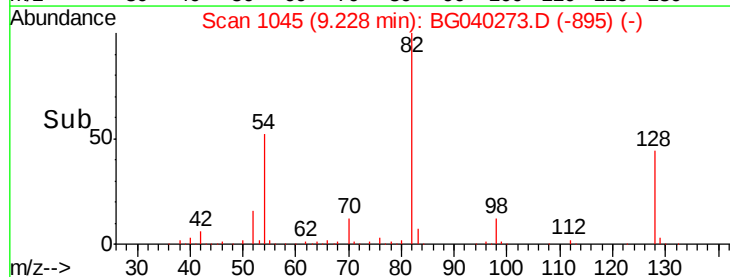
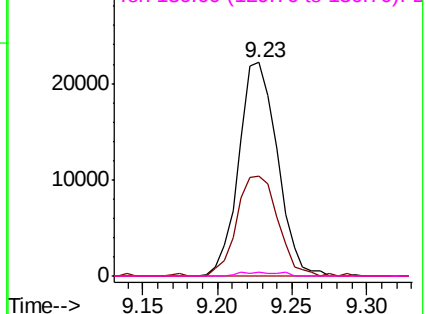
42 46.7 54.0 81.0#

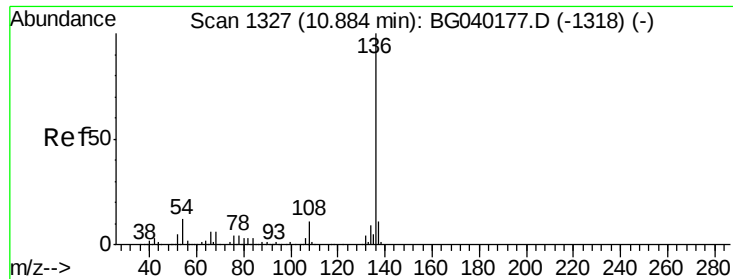
101 0.0 8.6 13.0#

130 1.7 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

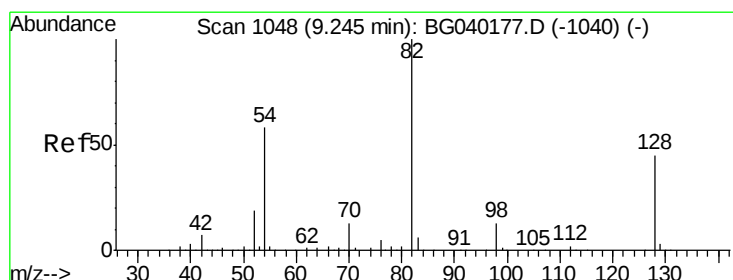
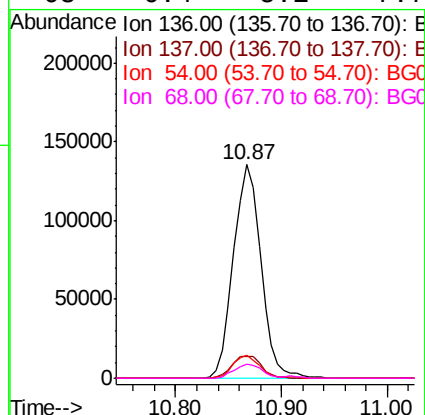
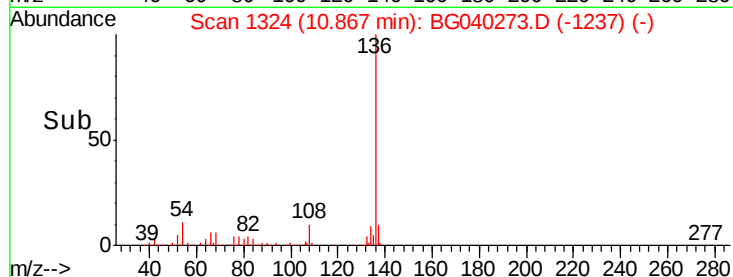
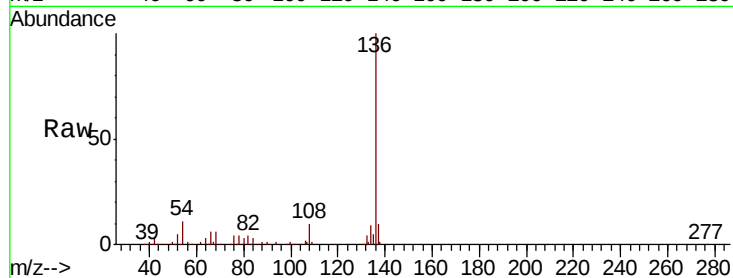




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040273.D
Acq: 1 Apr 2019 20:17

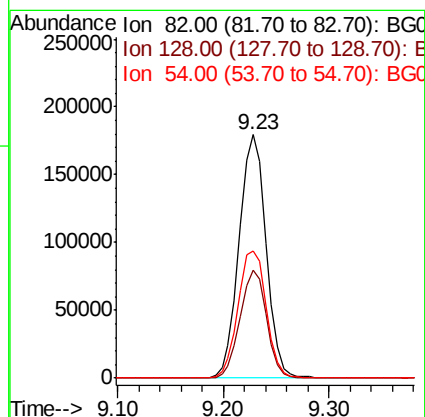
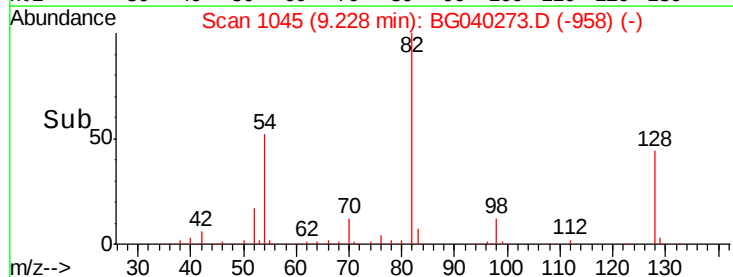
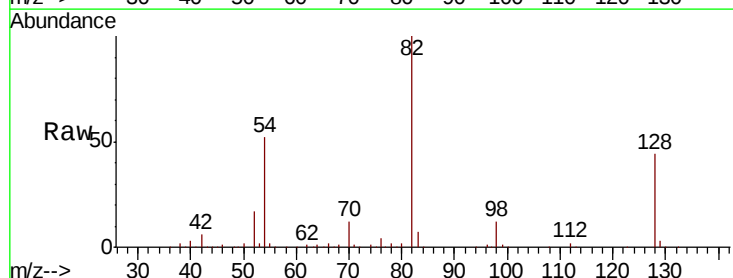
Instrument :
BNA_G
ClientSampleId :
T-3

Tgt Ion:	136	Resp:	244763
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	10.6	9.6	14.4
68	6.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 68.754 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040273.D
Acq: 1 Apr 2019 20:17

Tgt Ion:	82	Resp:	316600
Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.8	53.8
54	52.4	46.2	69.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040273.D

Acq: 1 Apr 2019 20:17

Instrument :

BNA_G

ClientSampleId :

T-3

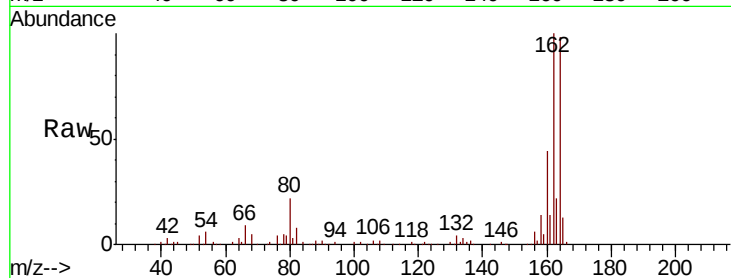
Tgt Ion:164 Resp: 176593

Ion Ratio Lower Upper

164 100

162 102.0 77.4 116.2

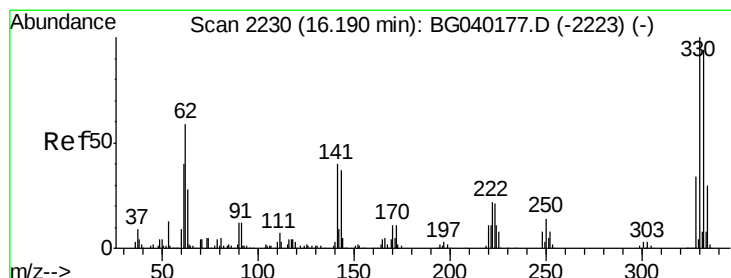
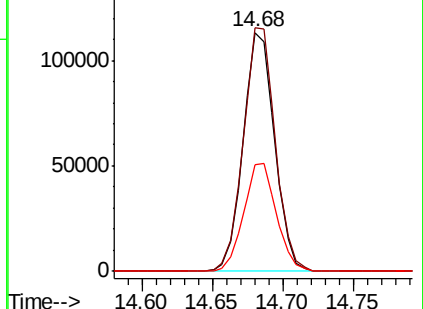
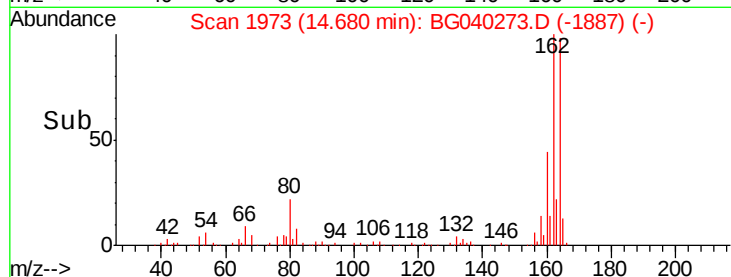
160 44.5 35.3 52.9



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: 14.100 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG040273.D

Acq: 1 Apr 2019 20:17

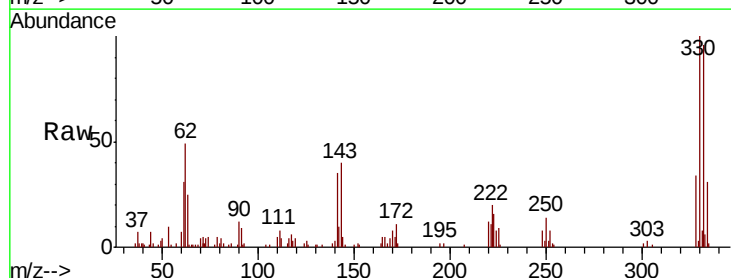
Tgt Ion:330 Resp: 26910

Ion Ratio Lower Upper

330 100

332 97.8 76.6 115.0

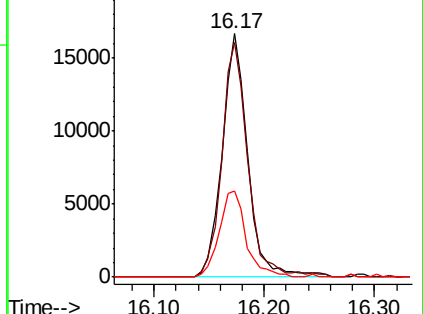
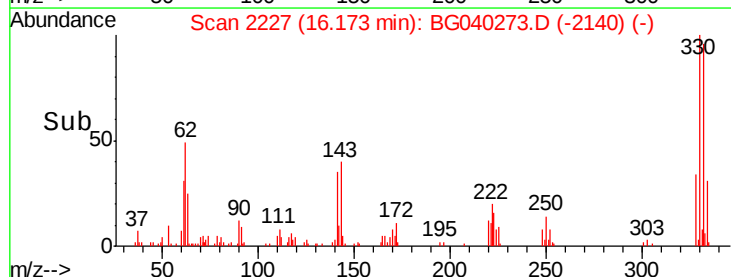
141 36.8 32.6 48.8



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

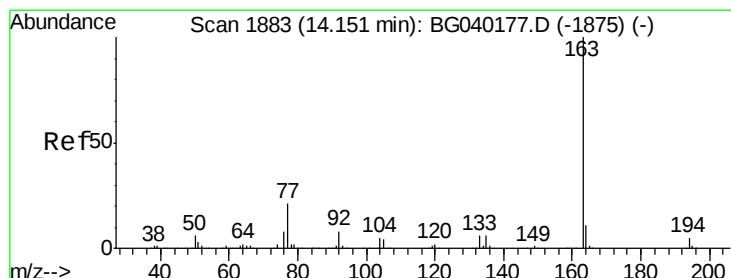
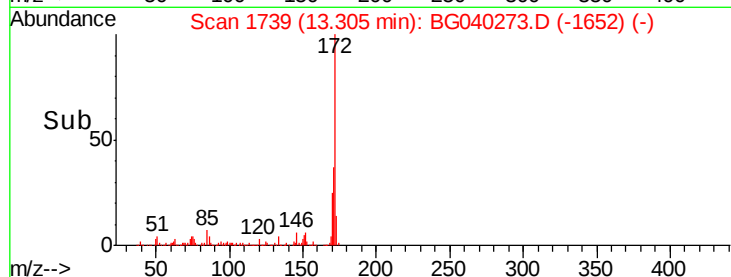
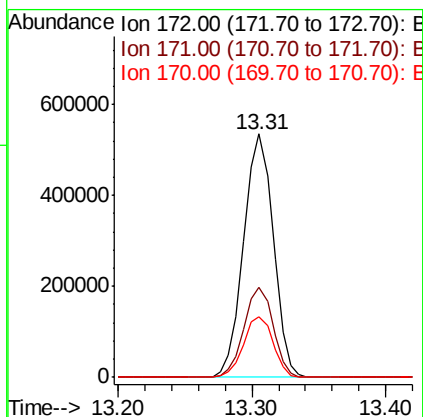
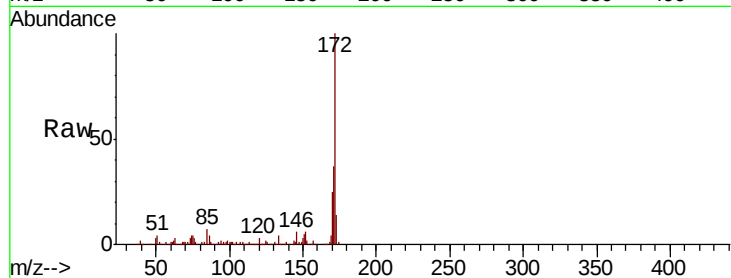




#45
2-Fluorobiphenyl
Concen: 68.924 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040273.D
Acq: 1 Apr 2019 20:17

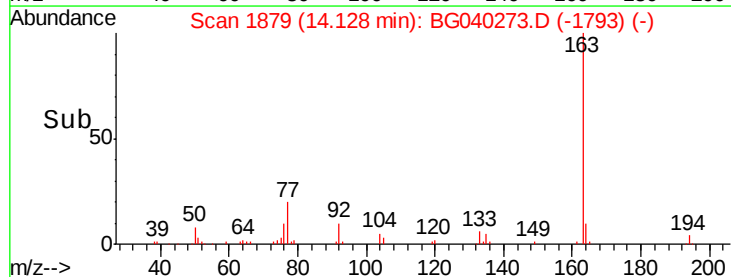
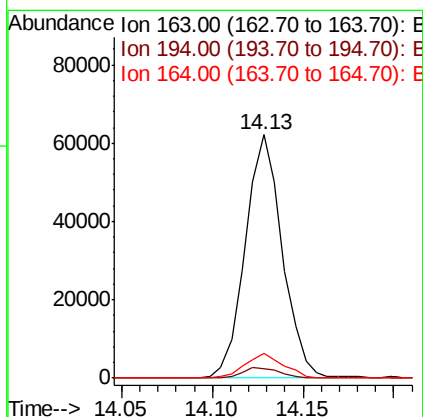
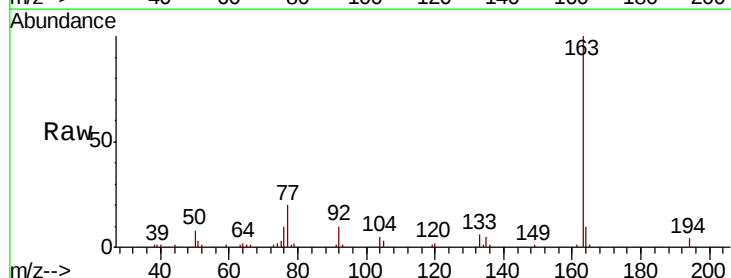
Instrument :
BNA_G
ClientSampleId :
T-3

Tgt Ion:172 Resp: 821421
Ion Ratio Lower Upper
172 100
171 37.0 30.5 45.7
170 24.7 20.1 30.1



#50
Dimethylphthalate
Concen: 6.371 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG040273.D
Acq: 1 Apr 2019 20:17

Tgt Ion:163 Resp: 88048
Ion Ratio Lower Upper
163 100
194 4.0 4.1 6.1#
164 10.3 8.6 13.0

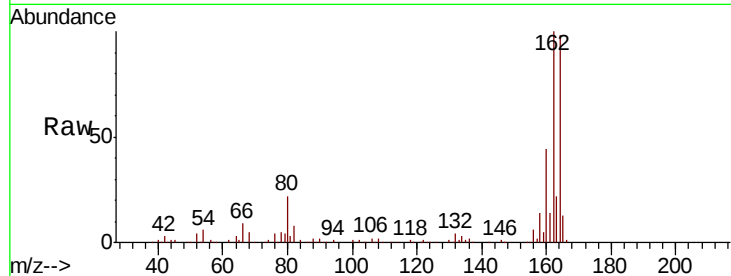




#57
 2,4-Dinitrotoluene
 Concen: 5.391 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.39 min
 Lab File: BG040273.D
 Acq: 1 Apr 2019 20:17

Instrument :
 BNA_G
 ClientSampleId :
 T-3

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.6#
89	2.6	55.4	83.2#
182	0.0	2.2	3.4#

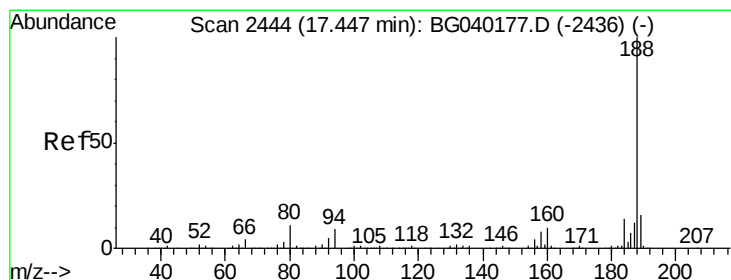
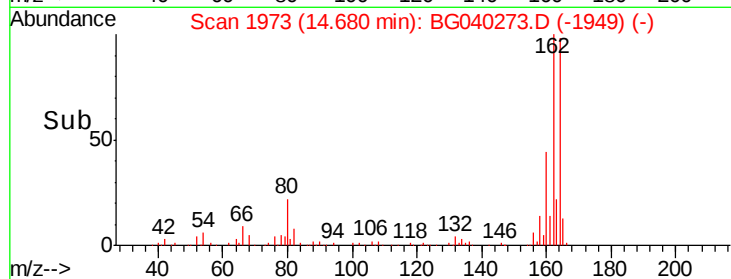
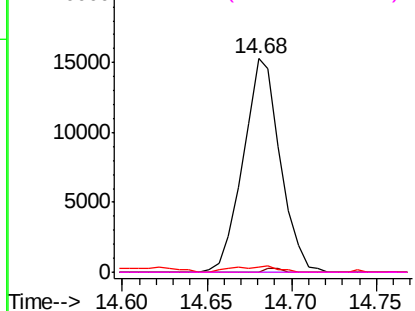


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

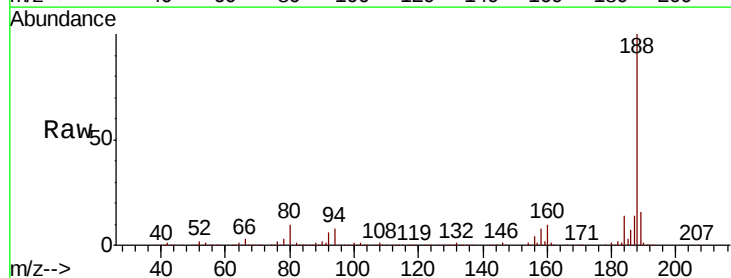
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG040273.D
 Acq: 1 Apr 2019 20:17

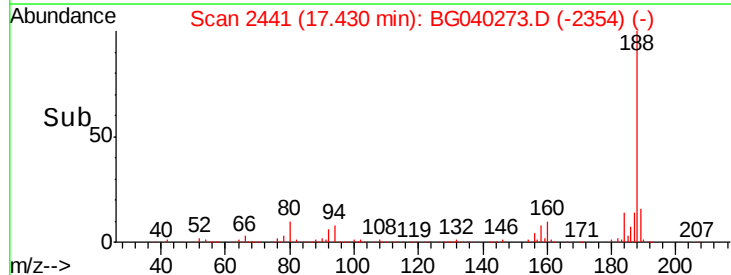
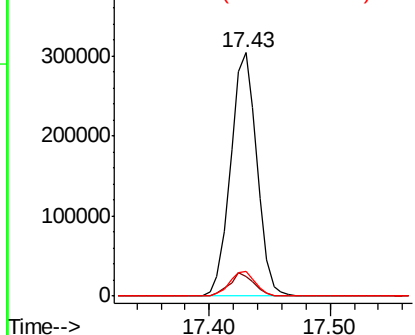
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.0	10.4
80	10.0	8.6	13.0

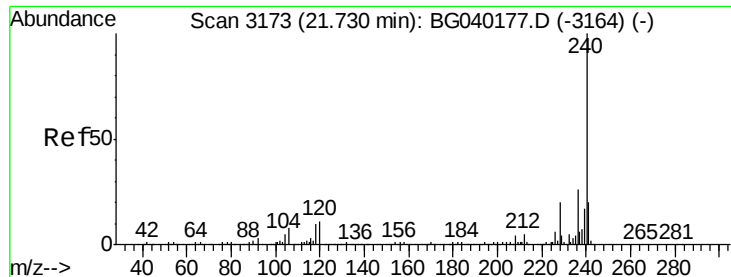


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

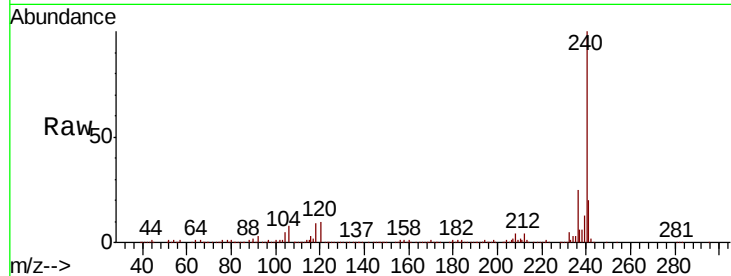




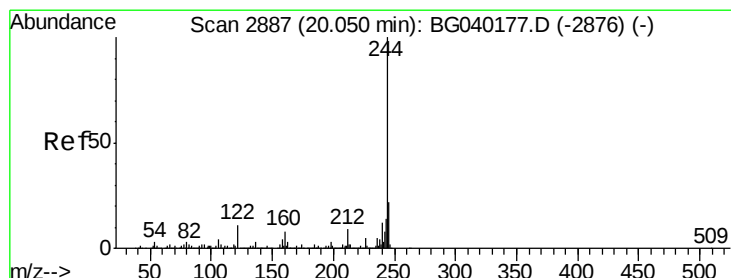
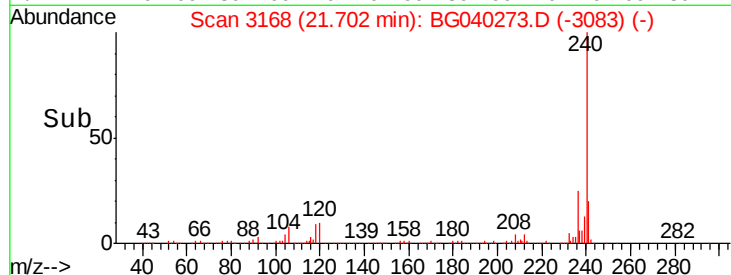
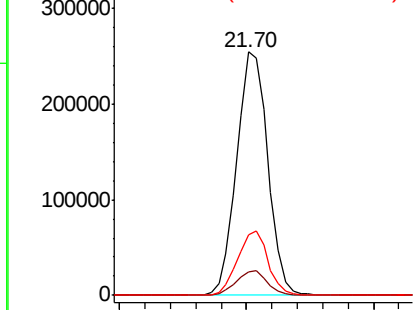
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.03 min
Lab File: BG040273.D
Acq: 1 Apr 2019 20:17

Instrument :
BNA_G
ClientSampleId :
T-3

Tgt Ion:240 Resp: 433261
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 25.1 20.8 31.2

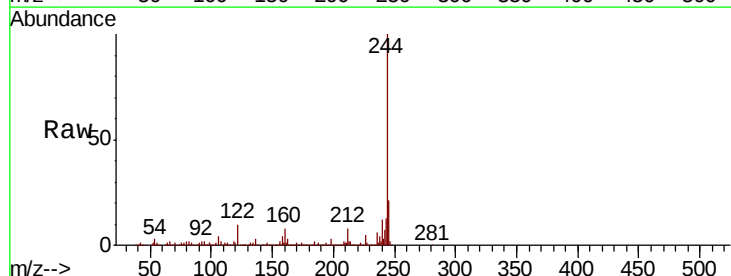


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

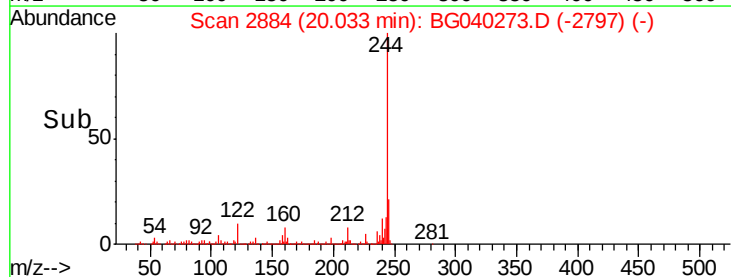
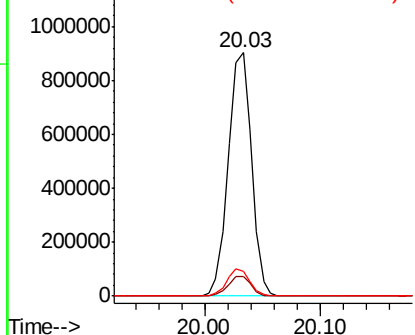


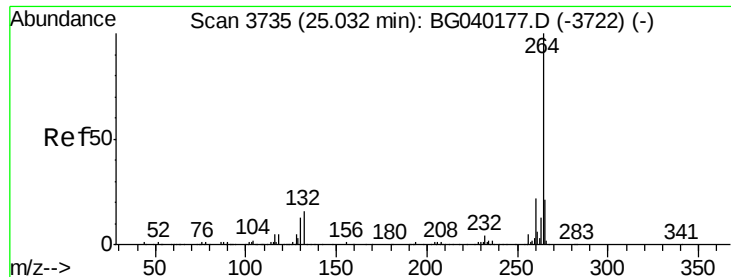
#79
Terphenyl-d14
Concen: 65.603 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.02 min
Lab File: BG040273.D
Acq: 1 Apr 2019 20:17

Tgt Ion:244 Resp: 1263445
Ion Ratio Lower Upper
244 100
212 7.9 7.0 10.6
122 10.2 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

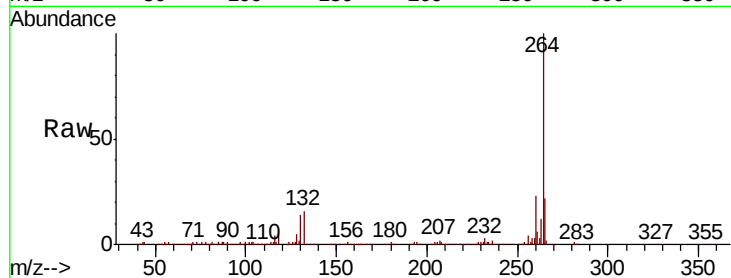




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.03 min
Lab File: BG040273.D
Acq: 1 Apr 2019 20:17

Instrument :
BNA_G
ClientSampleId :
T-3

Tgt Ion: 264 Resp: 434329
Ion Ratio Lower Upper
264 100
260 23.4 17.9 26.9
265 21.9 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E
200000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

