

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
 Data File : BG044324.D
 Acq On : 6 Feb 2020 15:56
 Operator : CG/JU
 Sample : PB126588BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126588BL

Quant Time: Feb 06 21:47:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

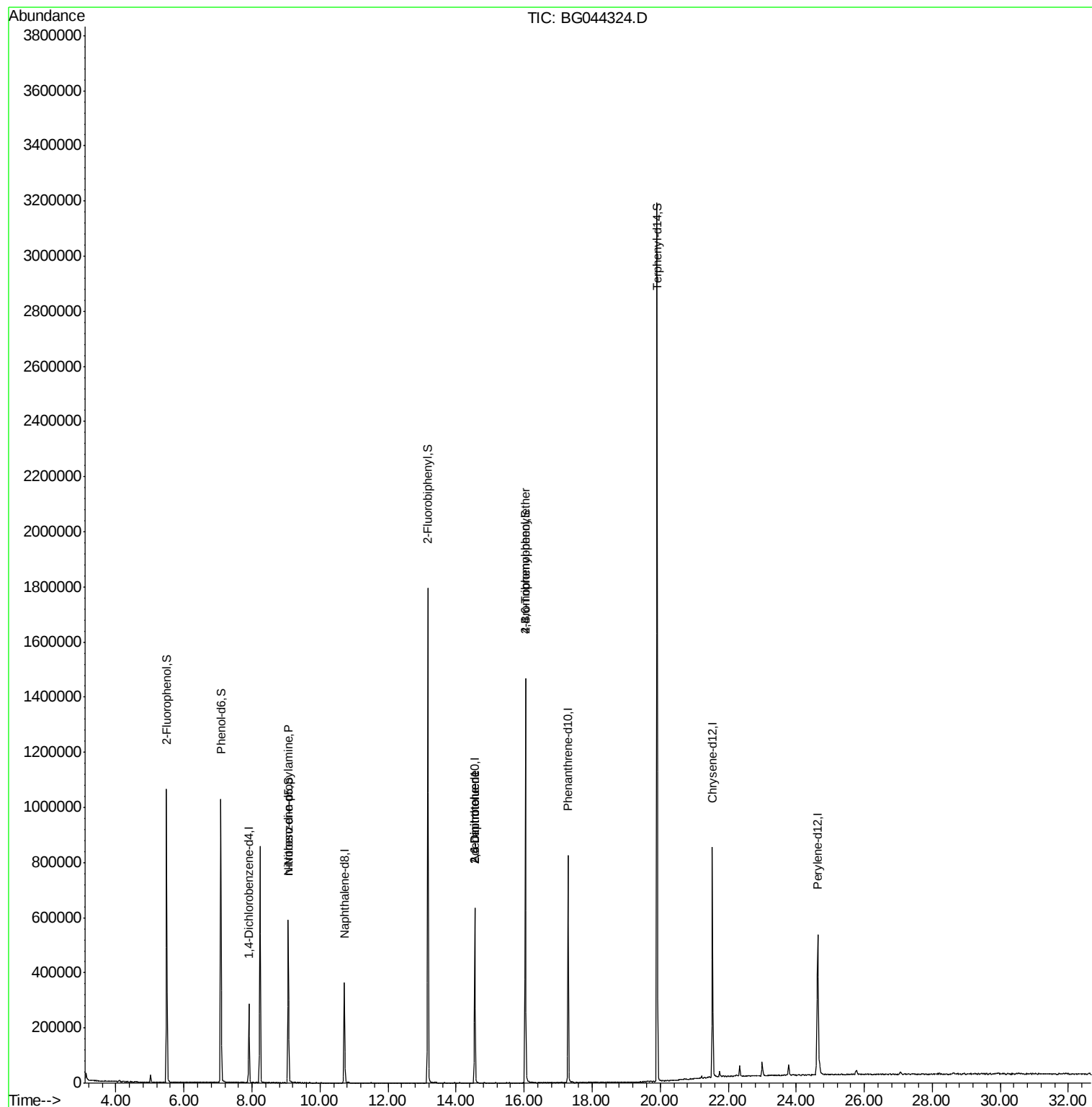
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	86898	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	349548	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	239493	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	548822	20.00	ng	0.00
76) Chrysene-d12	21.54	240	480794	20.00	ng	0.00
87) Perylene-d12	24.63	264	529160	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	526270	106.88	ng	0.00
7) Phenol-d6	7.08	99	671329	101.53	ng	0.00
23) Nitrobenzene-d5	9.07	82	395849	63.93	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	289828	103.09	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	970182	67.84	ng	0.00
79) Terphenyl-d14	19.91	244	1591732	68.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.07	70	49877	11.319	ng	# 76
51) 2,6-Dinitrotoluene	14.55	165	31136	8.112	ng	# 30
57) 2,4-Dinitrotoluene	14.55	165	31136	5.787	ng	# 28
67) 4-Bromophenyl-phenylether	16.04	248	19964	3.339	ng	# 1

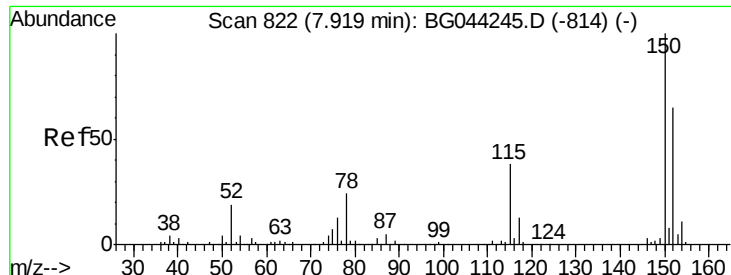
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



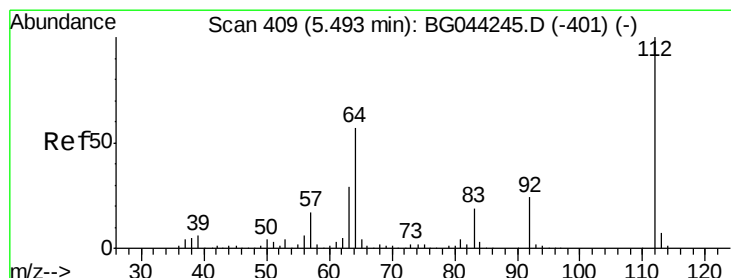
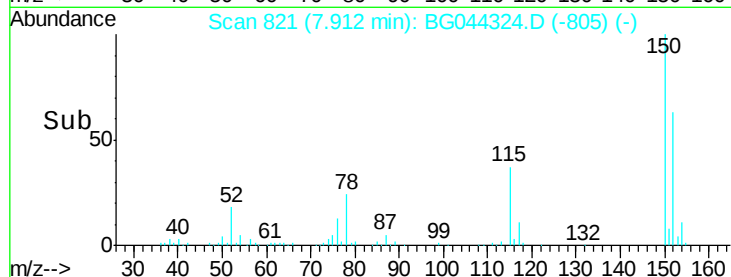
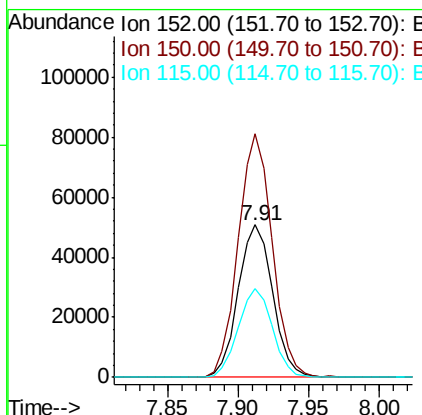
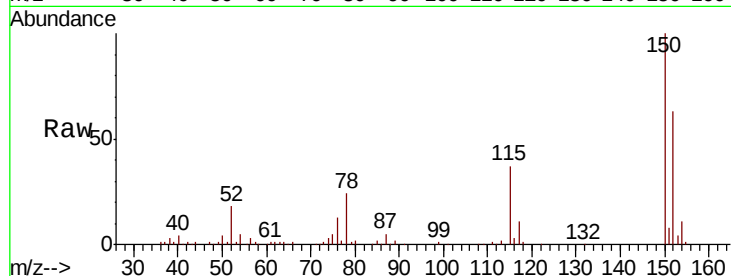


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG044324.D
 Acq: 6 Feb 2020 15:56

Instrument :
 BNA_G
 ClientSampleId :
 PB126588BL

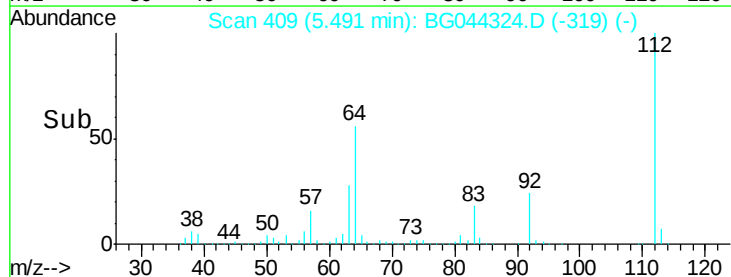
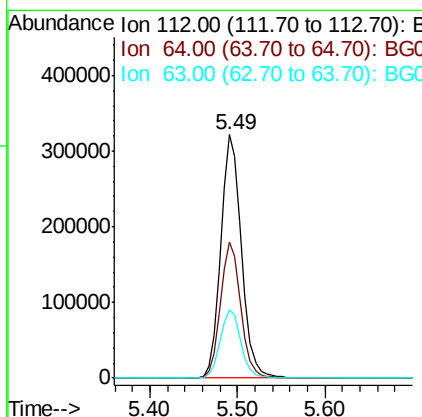
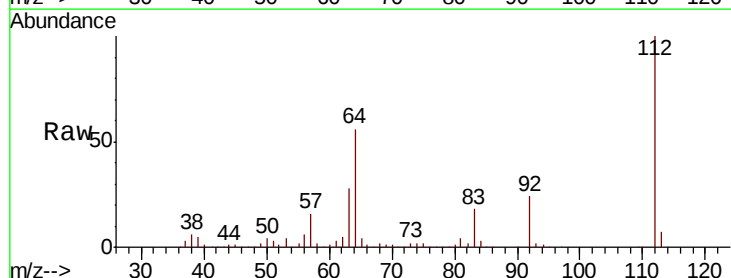
Tot Ion:152 Resp: 86898
 Ion Ratio Lower Upper
 152 100
 150 159.8 122.6 183.8
 115 58.6 46.0 69.0

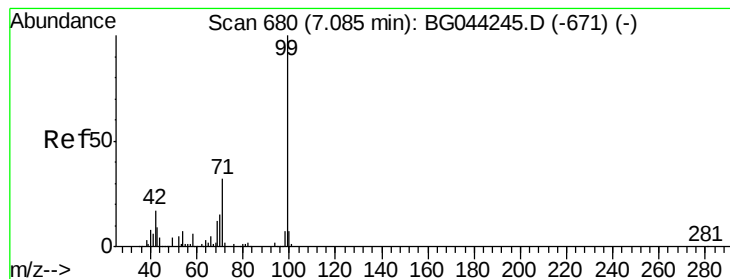


#5

2-Fluorophenol
 Concen: 106.882 ng
 RT: 5.49 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BG044324.D
 Acq: 6 Feb 2020 15:56

Tgt Ion:112 Resp: 526270
 Ion Ratio Lower Upper
 112 100
 64 55.7 45.4 68.2
 63 28.3 22.9 34.3





#7

Phenol-d6

Concen: 101.532 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044324.D

Acq: 6 Feb 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB126588BL

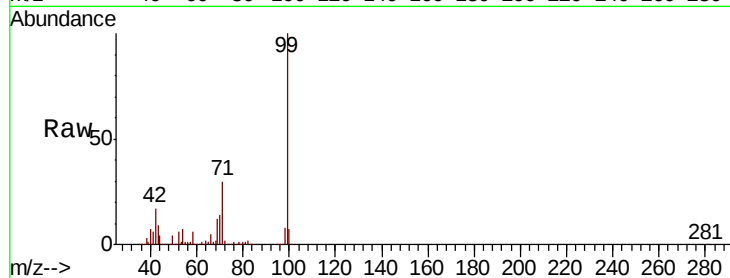
Tot Ion: 99 Resp: 671329

Ion Ratio Lower Upper

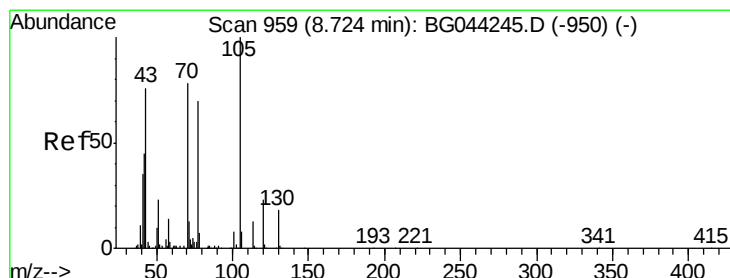
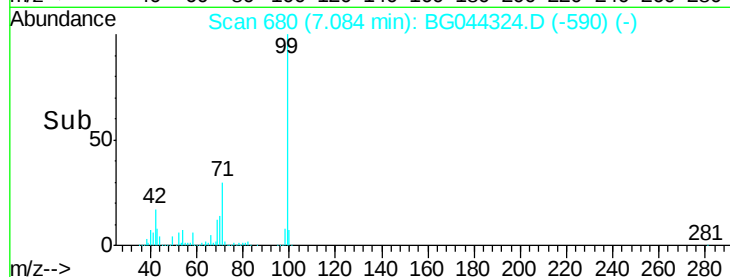
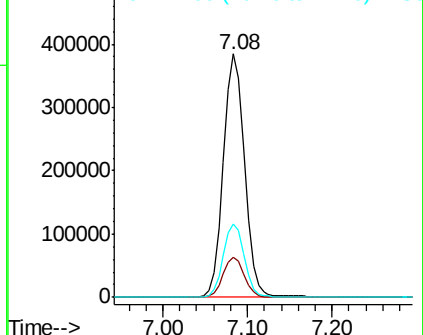
99 100

42 16.6 13.8 20.6

71 29.9 25.5 38.3



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: 11.319 ng

RT: 9.07 min Scan# 1018

Delta R.T. 0.35 min

Lab File: BG044324.D

Acq: 6 Feb 2020 15:56

Tgt Ion: 70 Resp: 49877

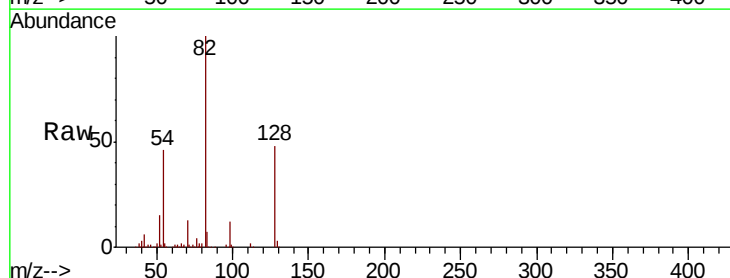
Ion Ratio Lower Upper

70 100

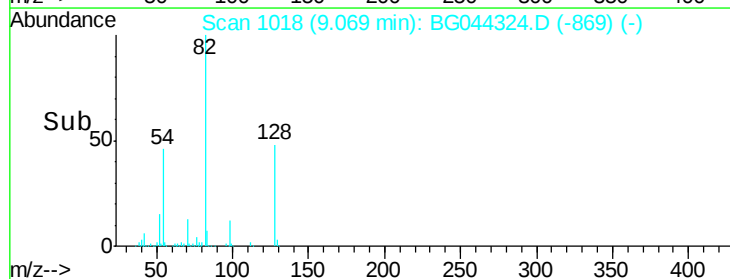
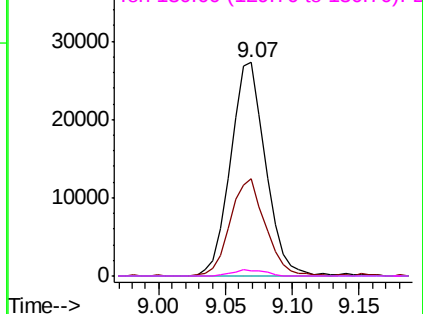
42 45.8 46.2 69.2#

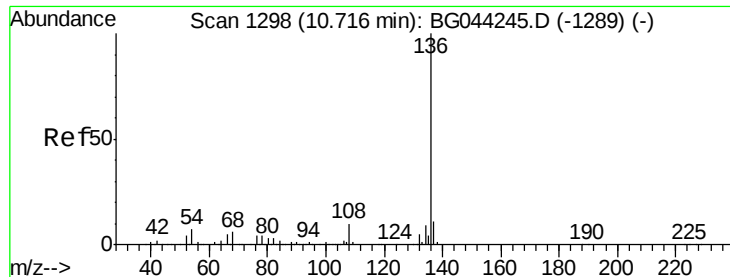
101 0.0 8.4 12.6#

130 2.6 17.8 26.8#



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: 10.71 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG044324.D

Acq: 6 Feb 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB126588BL

Tot Ion:136 Resp: 349548

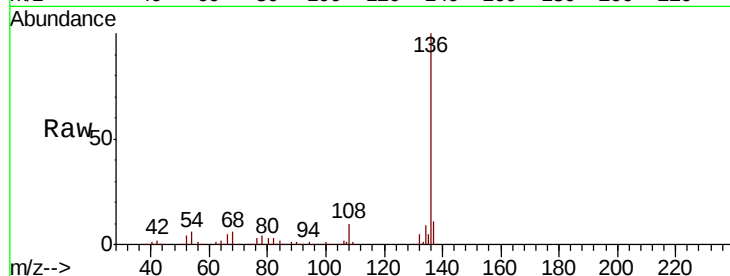
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.5 5.8 8.8

68 5.8 4.6 6.8

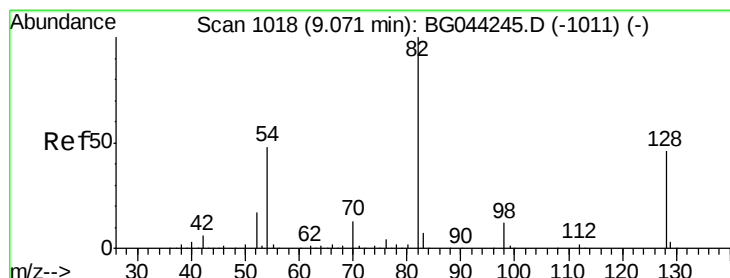
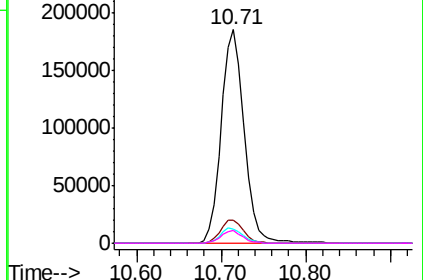
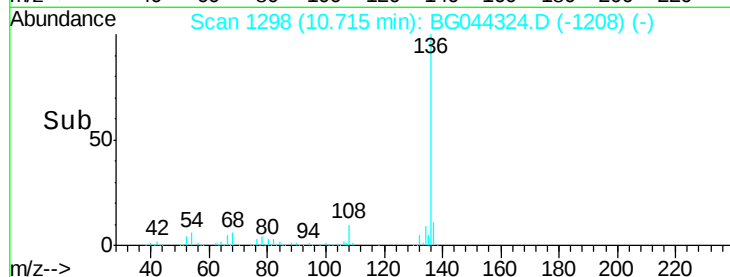


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 63.934 ng

RT: 9.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BG044324.D

Acq: 6 Feb 2020 15:56

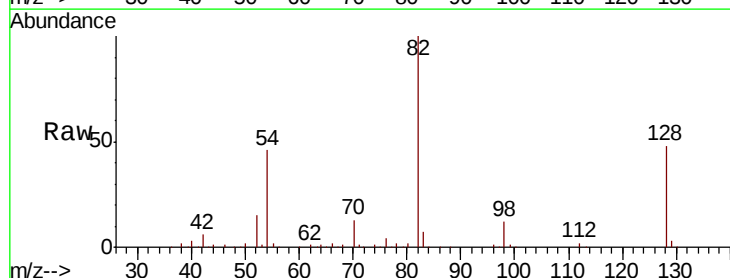
Tgt Ion: 82 Resp: 395849

Ion Ratio Lower Upper

82 100

128 47.6 36.5 54.7

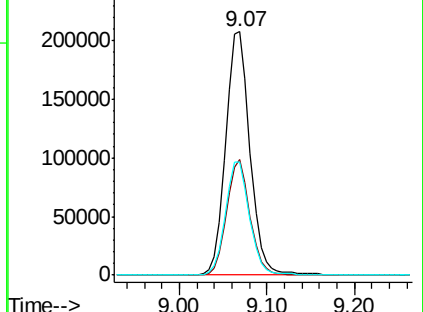
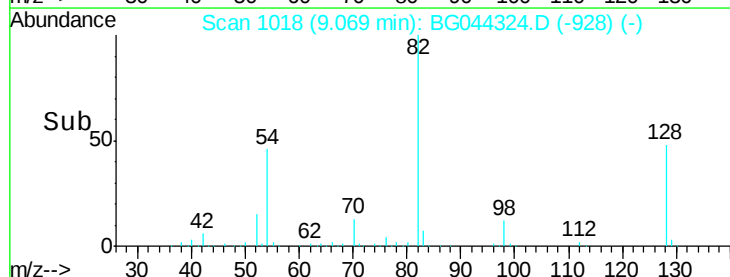
54 46.4 38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG044324.D

Acq: 6 Feb 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB126588BL

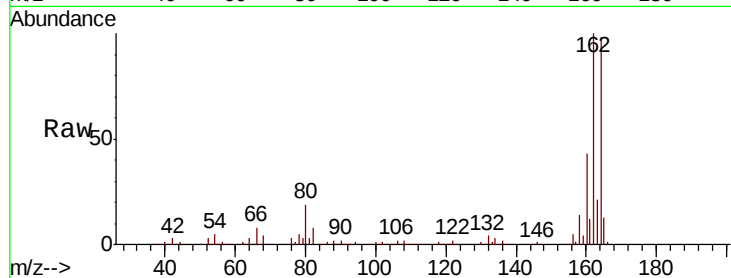
Tot Ion:164 Resp: 239493

Ion Ratio Lower Upper

164 100

162 102.0 80.7 121.1

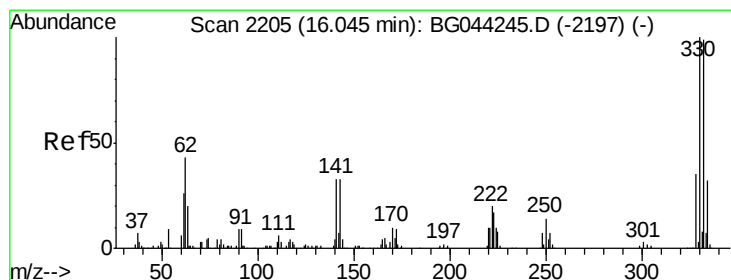
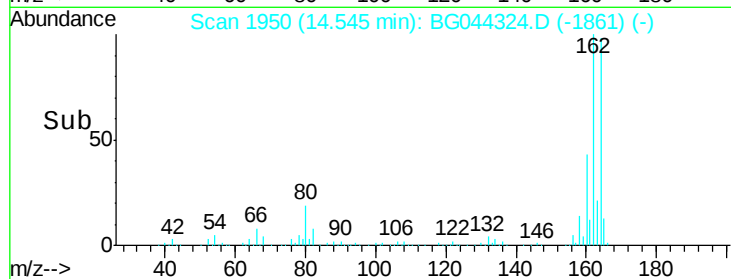
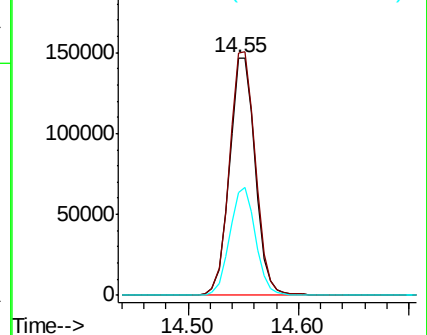
160 43.4 35.3 52.9



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: 103.086 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG044324.D

Acq: 6 Feb 2020 15:56

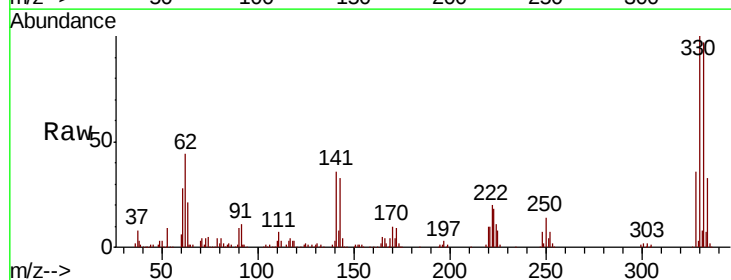
Tgt Ion:330 Resp: 289828

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

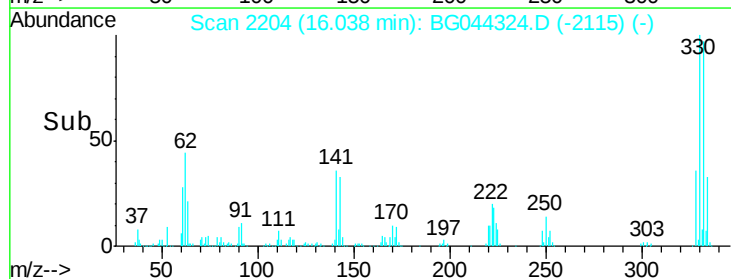
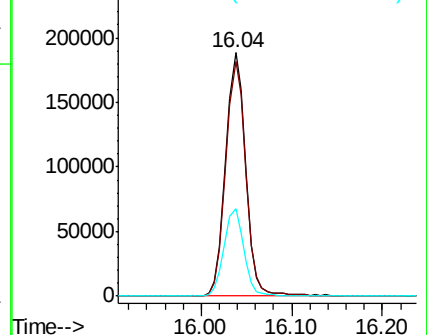
141 35.6 28.3 42.5

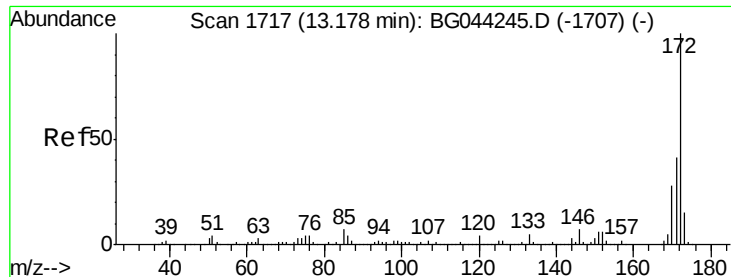


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

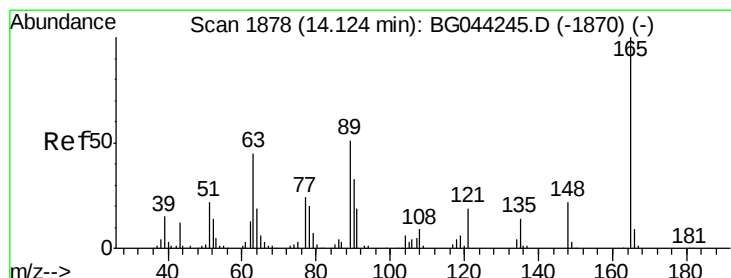
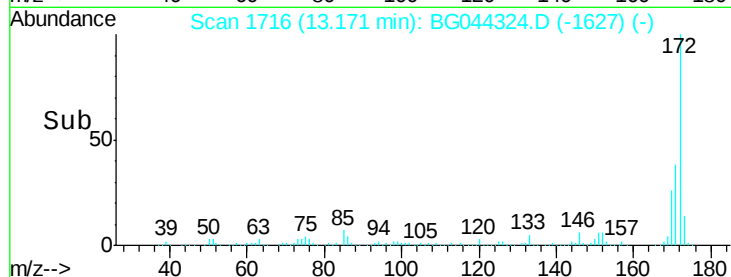
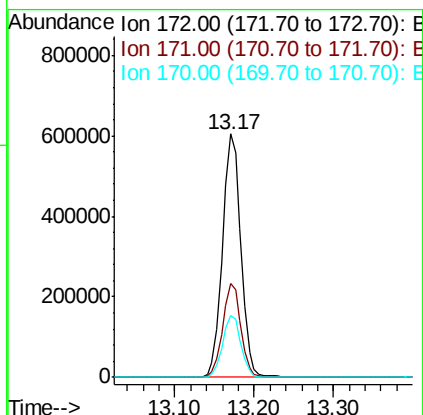
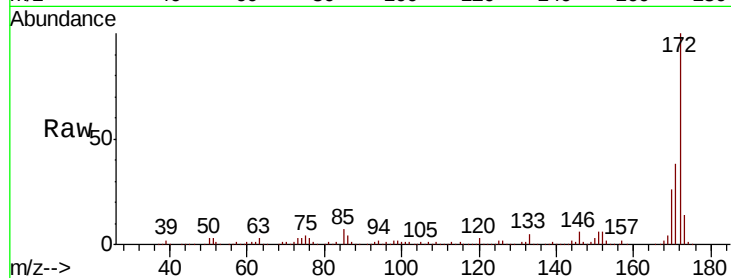




#45
 2-Fluorobiphenyl
 Concen: 67.836 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG044324.D
 Acq: 6 Feb 2020 15:56

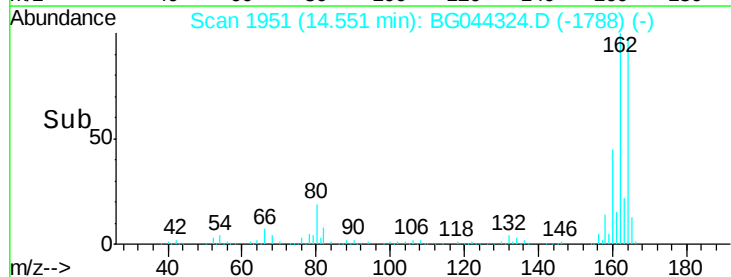
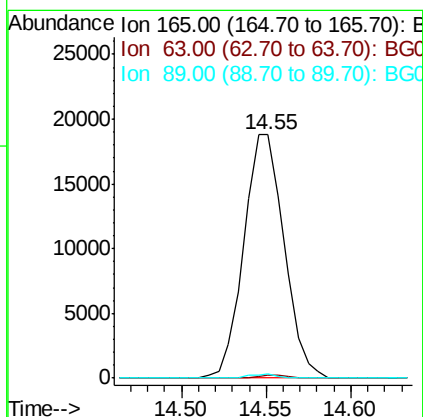
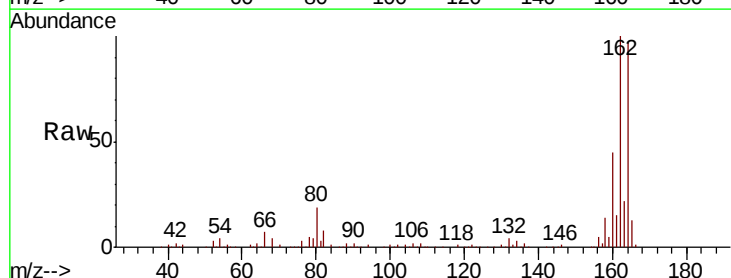
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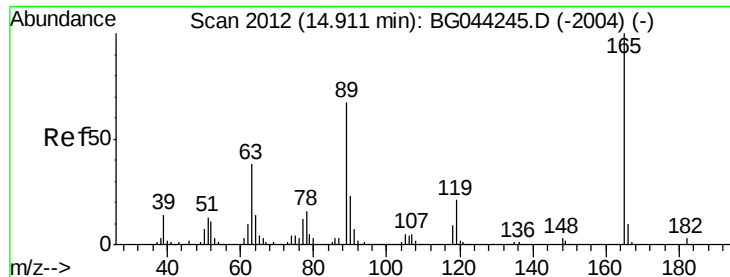
Tot Ion:172 Resp: 970182
 Ion Ratio Lower Upper
 172 100
 171 38.3 32.9 49.3
 170 25.6 22.0 33.0



#51
 2,6-Dinitrotoluene
 Concen: 8.112 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.43 min
 Lab File: BG044324.D
 Acq: 6 Feb 2020 15:56

Tgt Ion:165 Resp: 31136
 Ion Ratio Lower Upper
 165 100
 63 1.1 38.7 58.1#
 89 1.7 40.4 60.6#

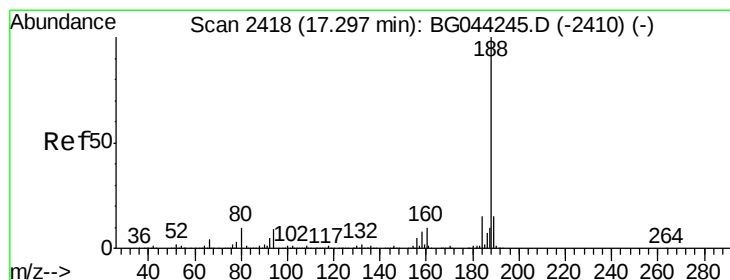
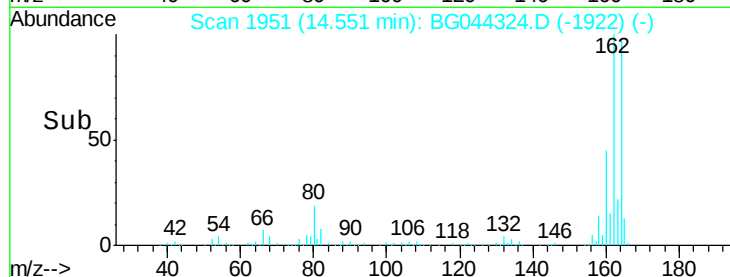
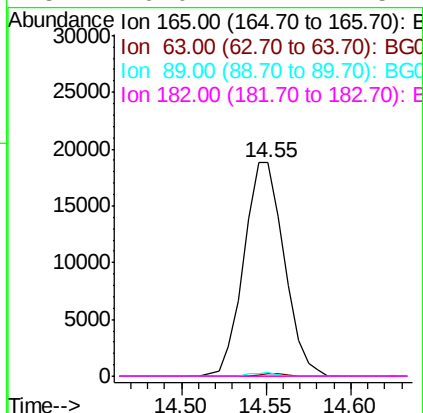
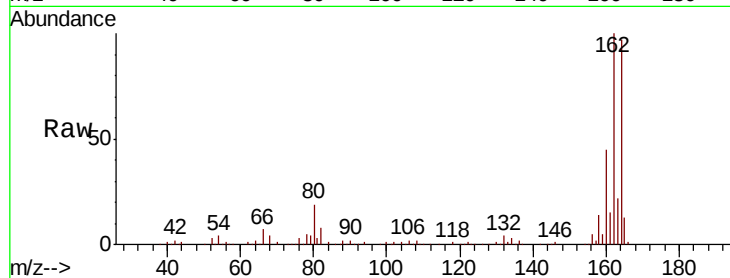




#57
 2,4-Dinitrotoluene
 Concen: 5.787 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG044324.D
 Acq: 6 Feb 2020 15:56

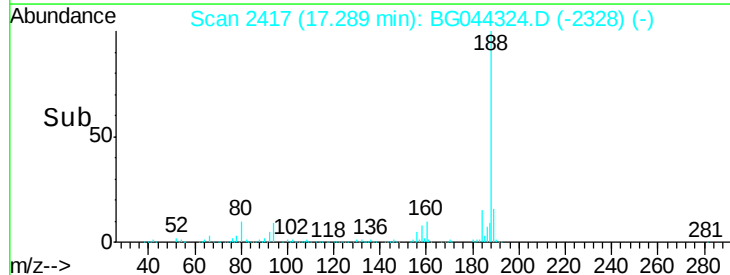
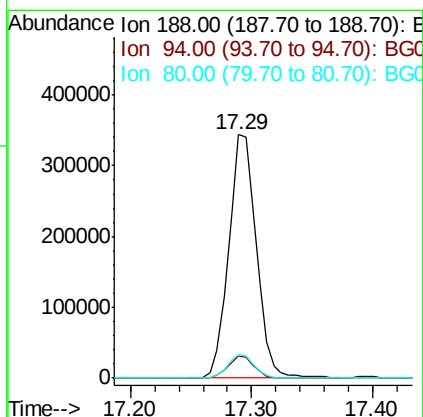
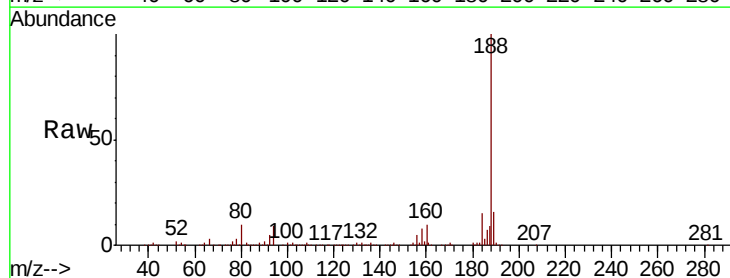
Instrument :
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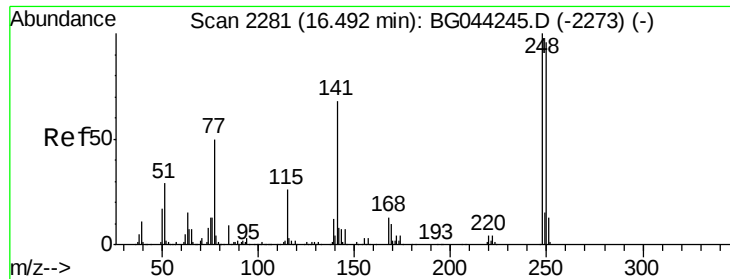
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	30.3	45.5#
89	1.7	53.4	80.2#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.29 min Scan# 2417
 Delta R.T. -0.01 min
 Lab File: BG044324.D
 Acq: 6 Feb 2020 15:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.2
80	9.7	7.7	11.5

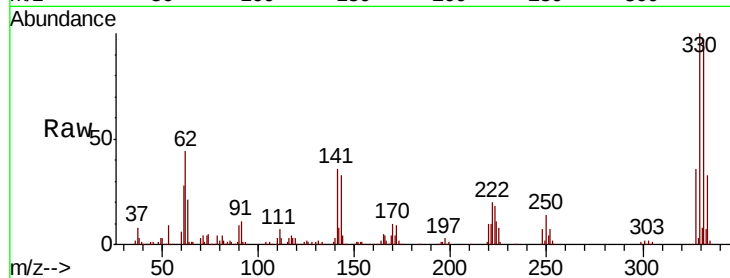




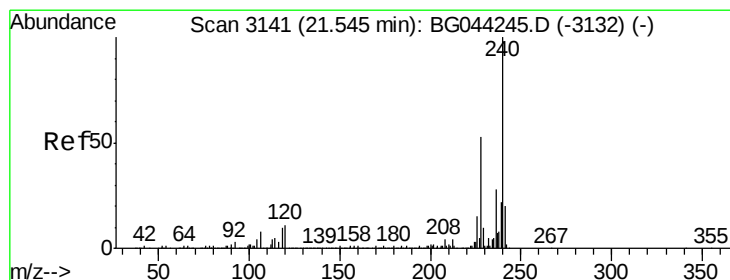
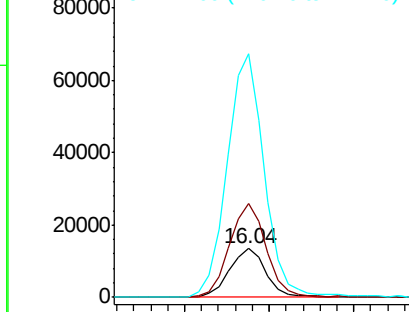
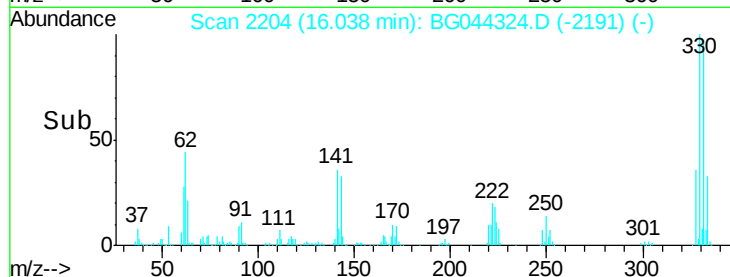
#67
4-Bromophenyl-phenylether
Concen: 3.339 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.45 min
Lab File: BG044324.D
Acq: 6 Feb 2020 15:56

Instrument :
BNA_G
ClientSampleId :
PB126588BL

Tot Ion:248 Resp: 19964
Ion Ratio Lower Upper
248 100
250 193.7 76.6 114.8#
141 499.2 54.7 82.1#

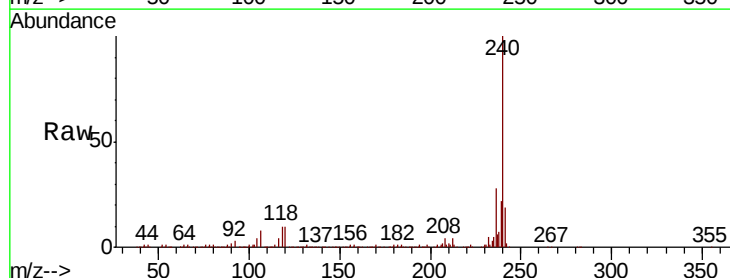


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

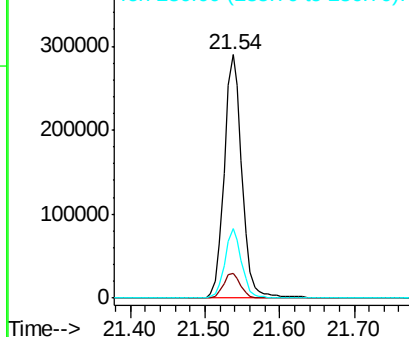
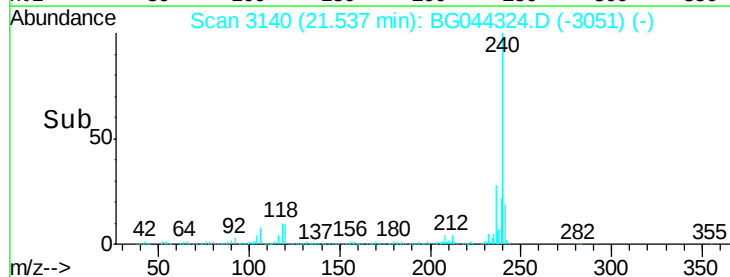


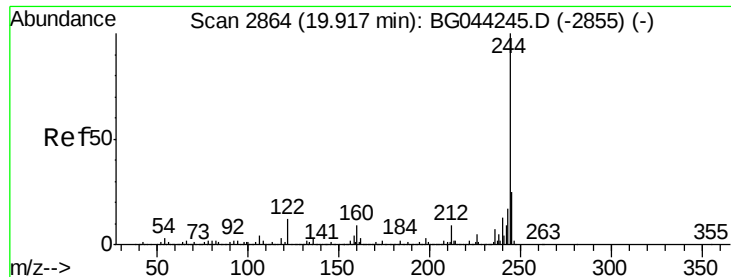
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG044324.D
Acq: 6 Feb 2020 15:56

Tgt Ion:240 Resp: 480794
Ion Ratio Lower Upper
240 100
120 10.2 8.4 12.6
236 28.4 22.1 33.1



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: 68.095 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG044324.D

Acq: 6 Feb 2020 15:56

Instrument :

BNA_G

ClientSampled :

PB126588BL

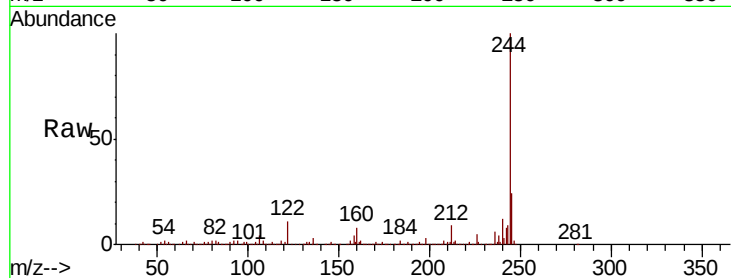
Tot Ion:244 Resp: 1591732

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.2

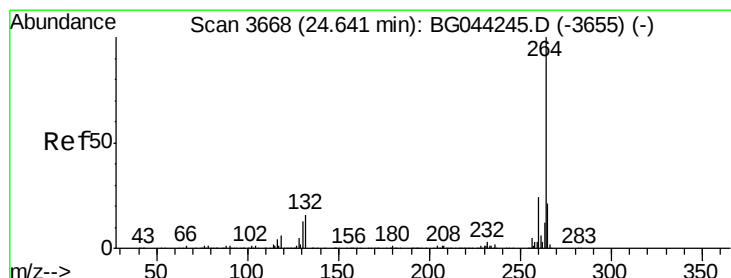
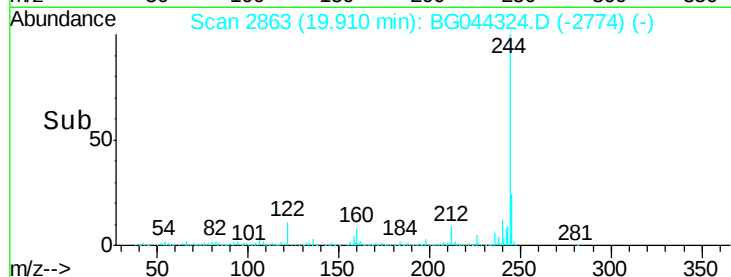
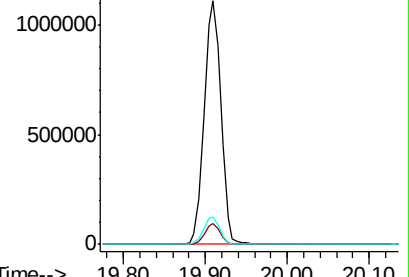
122 11.3 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

1500000 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: 24.63 min Scan# 3667

Delta R.T. -0.01 min

Lab File: BG044324.D

Acq: 6 Feb 2020 15:56

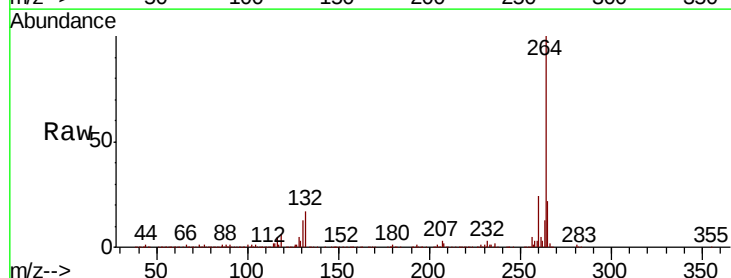
Tgt Ion:264 Resp: 529160

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 22.3 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

250000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

