

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
 Data File : BG044322.D
 Acq On : 6 Feb 2020 14:37
 Operator : CG/JU
 Sample : PB126624BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126624BL

Quant Time: Feb 06 21:46:17 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

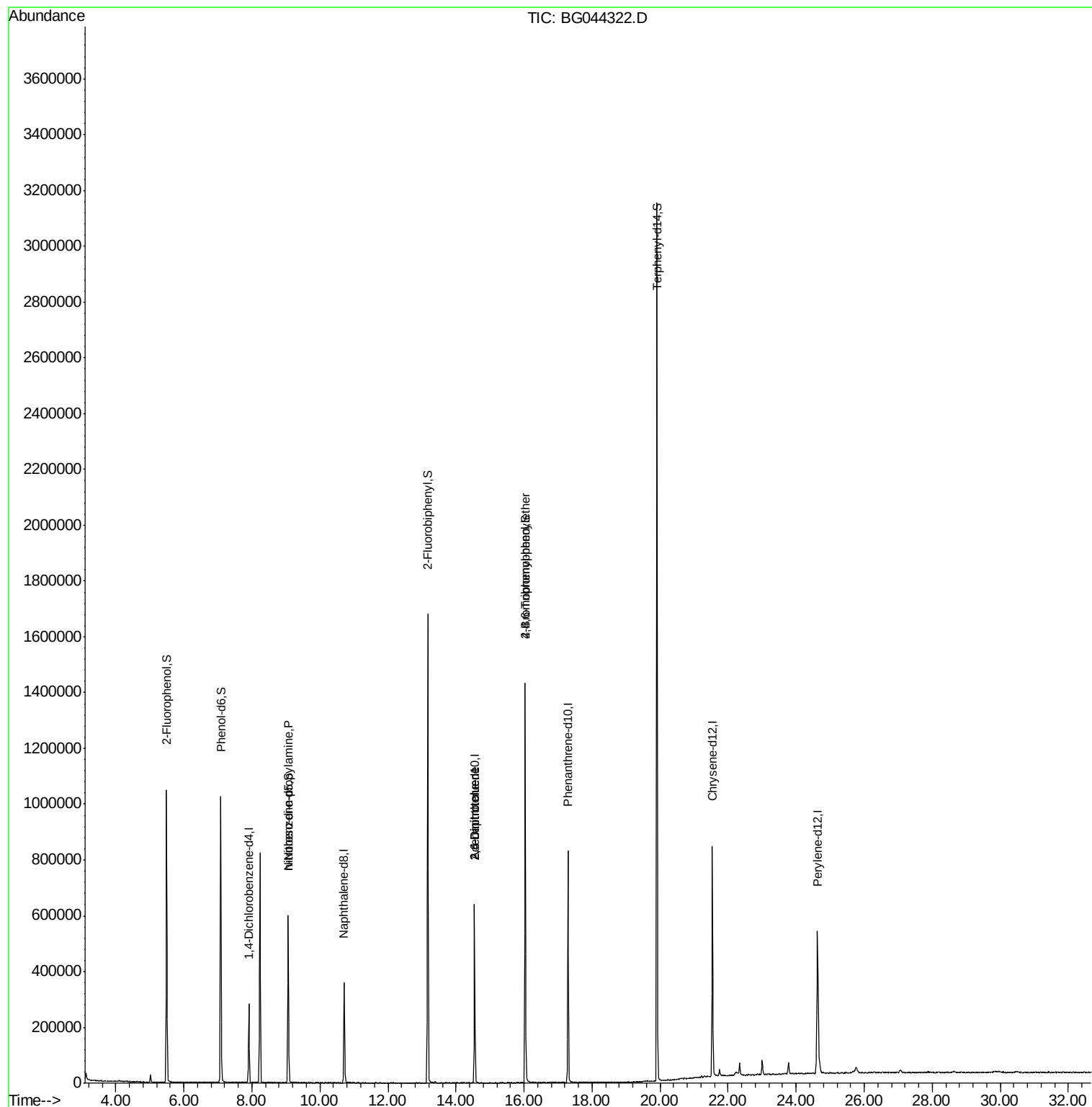
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	86702	20.00	ng	-0.01
21) Naphthalene-d8	10.71	136	345765	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	235964	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	543665	20.00	ng	0.00
76) Chrysene-d12	21.54	240	480416	20.00	ng	0.00
87) Perylene-d12	24.63	264	531992	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	523005	106.46	ng	0.00
7) Phenol-d6	7.09	99	669504	101.49	ng	0.00
23) Nitrobenzene-d5	9.07	82	395402	64.56	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	292863	105.72	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	967145	68.63	ng	0.00
79) Terphenyl-d14	19.91	244	1588325	68.00	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.07	70	49747	11.315	ng	# 75
51) 2,6-Dinitrotoluene	14.55	165	30855	8.159	ng	# 29
57) 2,4-Dinitrotoluene	14.55	165	30855	5.821	ng	# 27
67) 4-Bromophenyl-phenylether	16.03	248	20211	3.412	ng	# 1

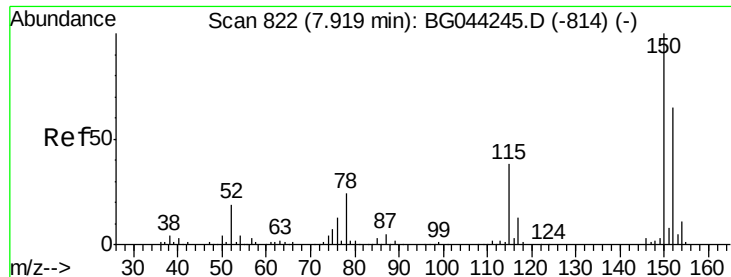
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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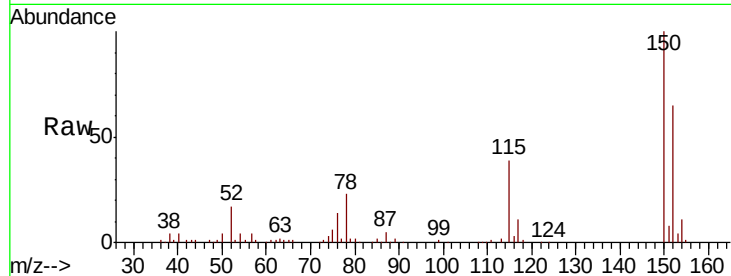


#1

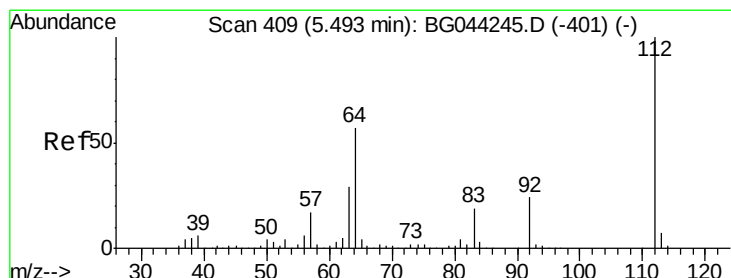
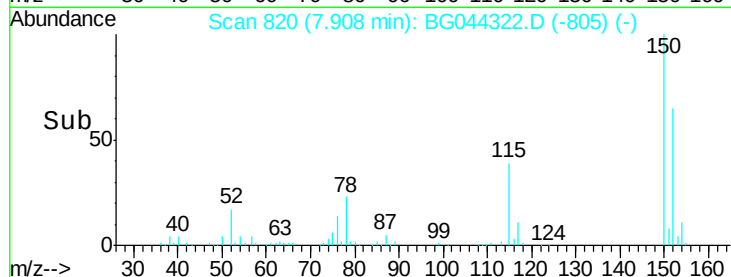
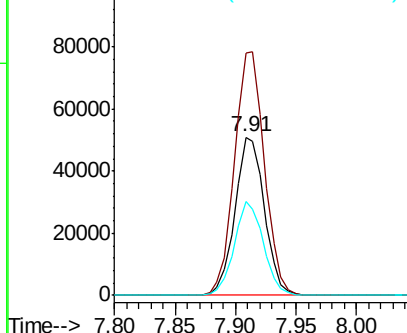
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG044322.D
 Acq: 6 Feb 2020 14:37

Instrument :
 BNA_G
 ClientSampleId :
 PB126624BL

Tot Ion:152 Resp: 86702
 Ion Ratio Lower Upper
 152 100
 150 153.1 122.6 183.8
 115 59.4 46.0 69.0



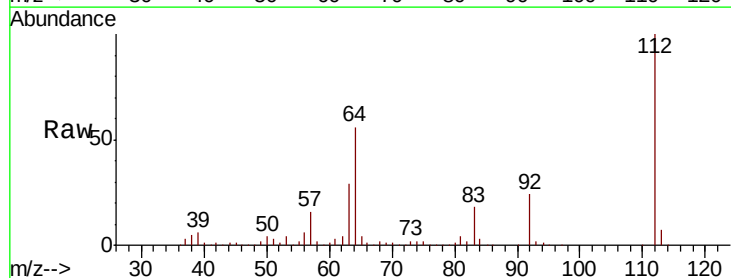
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



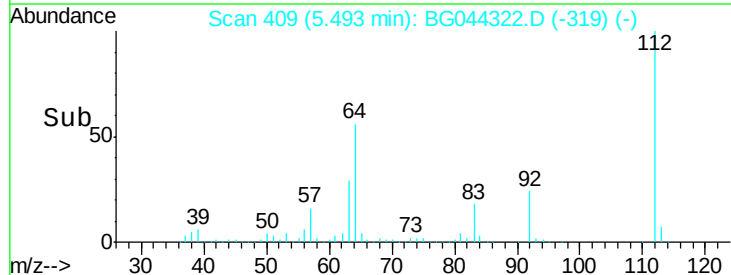
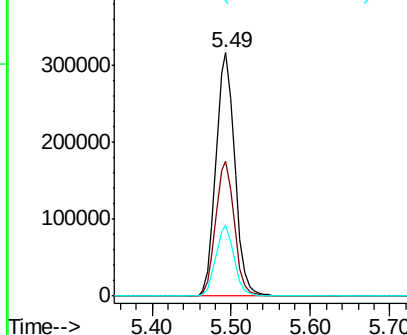
#5

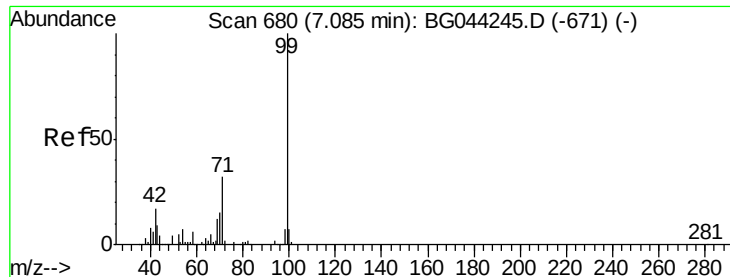
2-Fluorophenol
 Concen: 106.459 ng
 RT: 5.49 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: BG044322.D
 Acq: 6 Feb 2020 14:37

Tgt Ion:112 Resp: 523005
 Ion Ratio Lower Upper
 112 100
 64 55.6 45.4 68.2
 63 28.9 22.9 34.3



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





#7

Phenol-d6

Concen: 101.485 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044322.D

Acq: 6 Feb 2020 14:37

Instrument :

BNA_G

ClientSampleId :

PB126624BL

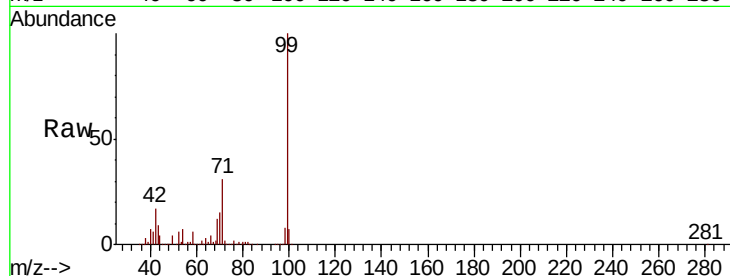
Tot Ion: 99 Resp: 669504

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.6

71 30.9 25.5 38.3

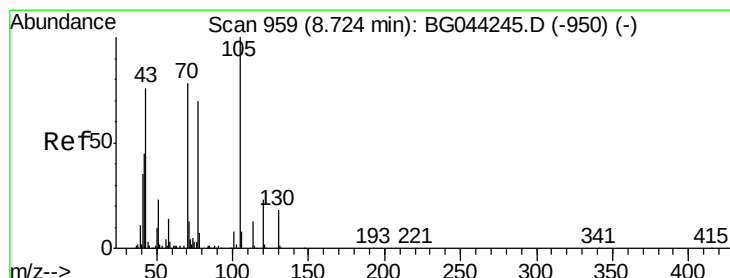
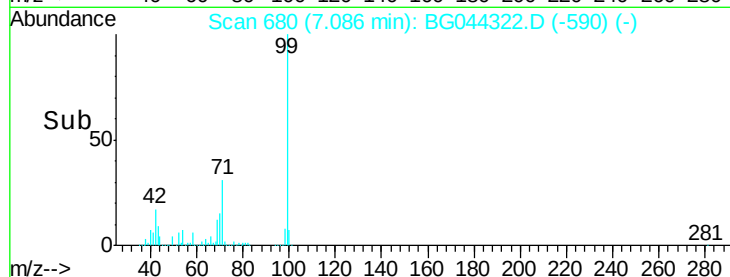
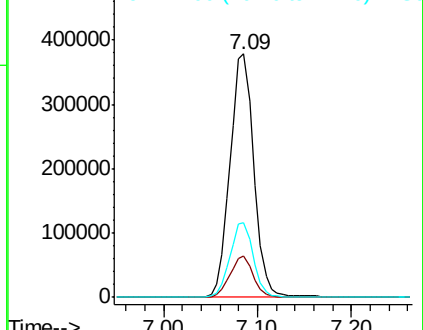


Abundance

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: 11.315 ng

RT: 9.07 min Scan# 1017

Delta R.T. 0.34 min

Lab File: BG044322.D

Acq: 6 Feb 2020 14:37

Tgt Ion: 70 Resp: 49747

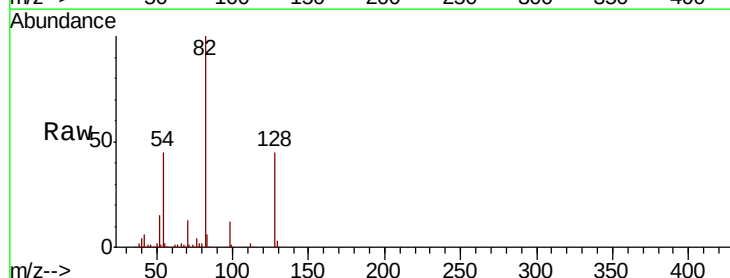
Ion Ratio Lower Upper

70 100

42 44.2 46.2 69.2#

101 0.0 8.4 12.6#

130 2.5 17.8 26.8#



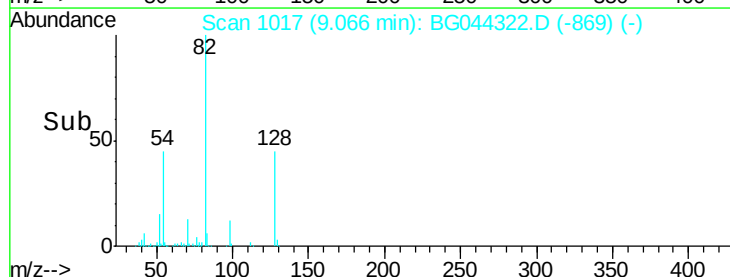
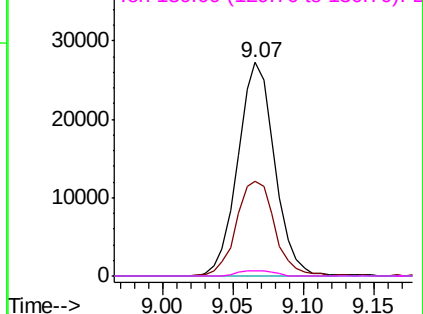
Abundance

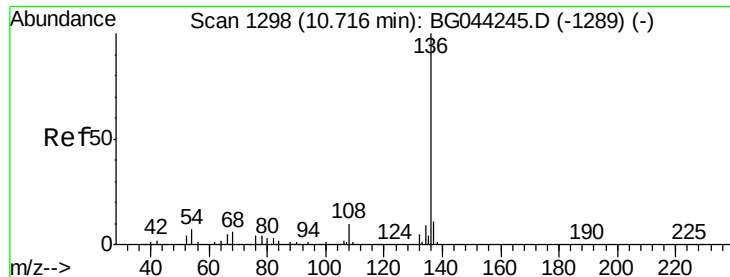
Ion 70.00 (69.70 to 70.70): BGC

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

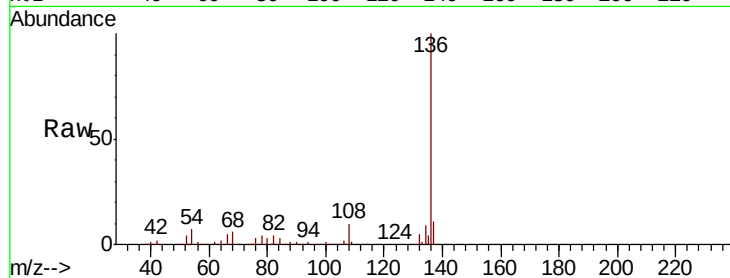




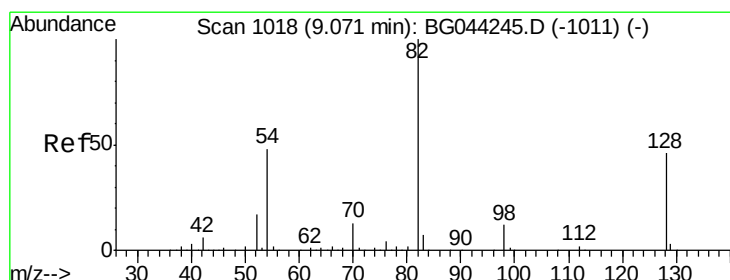
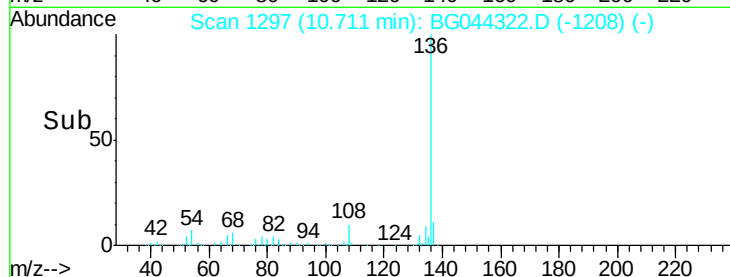
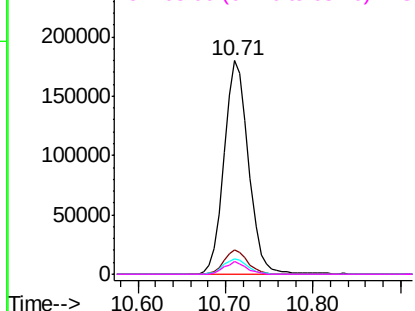
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG044322.D
Acq: 6 Feb 2020 14:37

Instrument :
BNA_G
ClientSampleId :
PB126624BL

Tot Ion:136	Resp:	345765
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.8	13.2
54 7.2	5.8	8.8
68 5.7	4.6	6.8

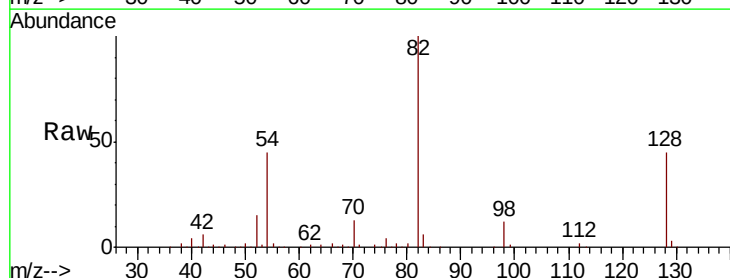


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

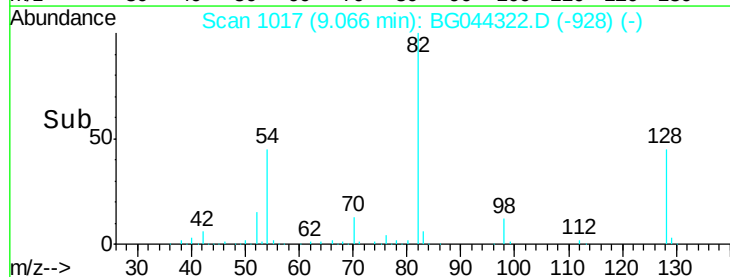
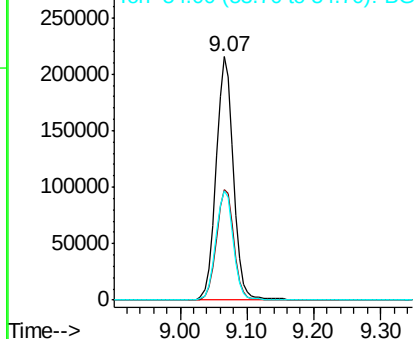


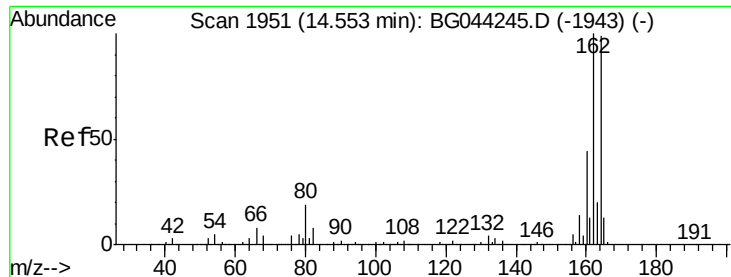
#23
Nitrobenzene-d5
Concen: 64.561 ng
RT: 9.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG044322.D
Acq: 6 Feb 2020 14:37

Tgt	Ion: 82	Resp:	395402
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.5	54.7
54	44.6	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: BG044322.D

Acq: 6 Feb 2020 14:37

Instrument :

BNA_G

ClientSampleId :

PB126624BL

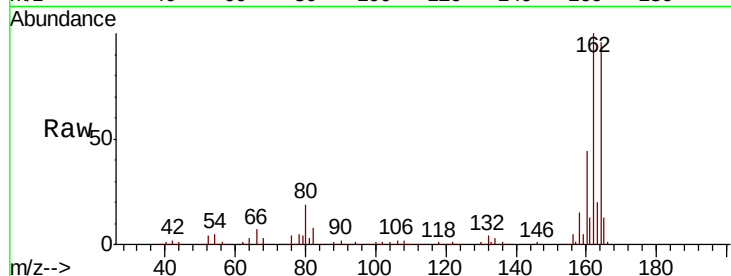
Tot Ion:164 Resp: 235964

Ion Ratio Lower Upper

164 100

162 104.5 80.7 121.1

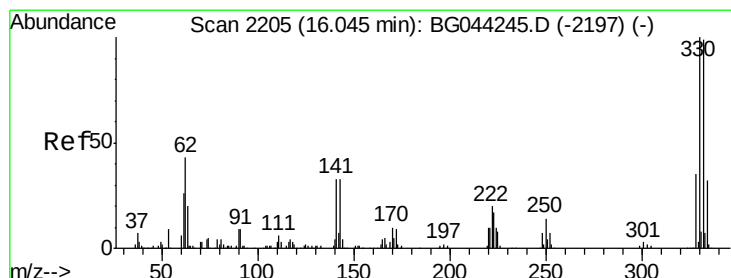
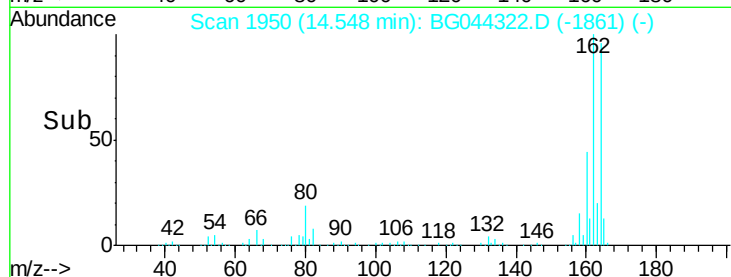
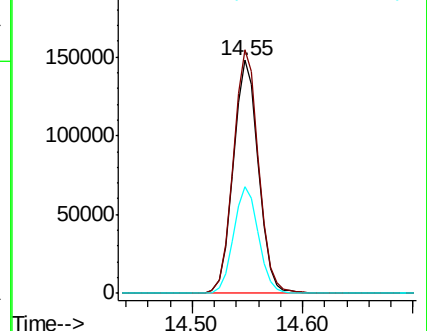
160 45.8 35.3 52.9



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: 105.724 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG044322.D

Acq: 6 Feb 2020 14:37

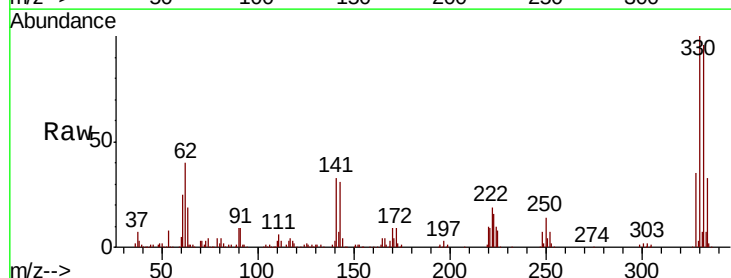
Tgt Ion:330 Resp: 292863

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

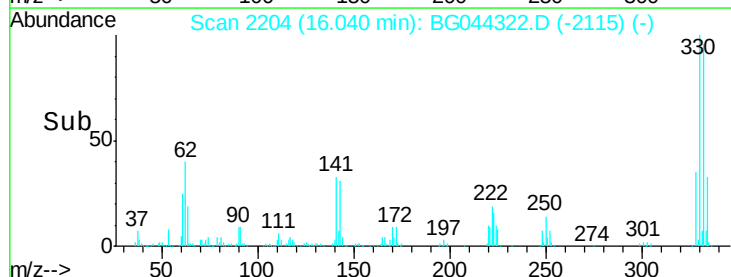
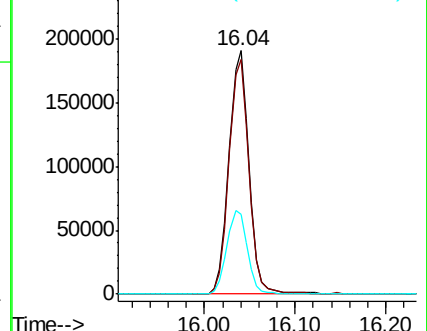
141 35.0 28.3 42.5

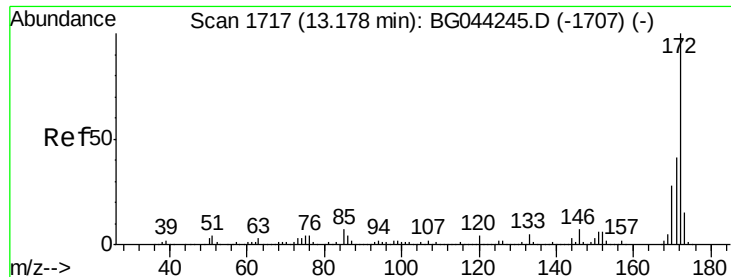


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

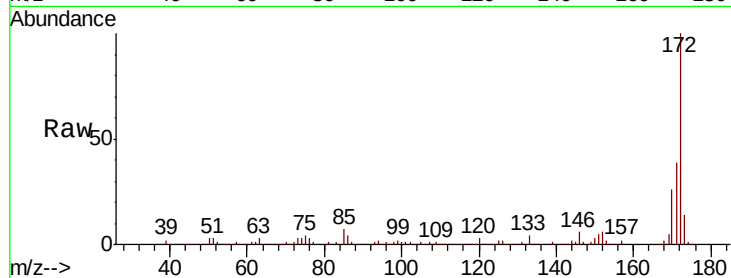




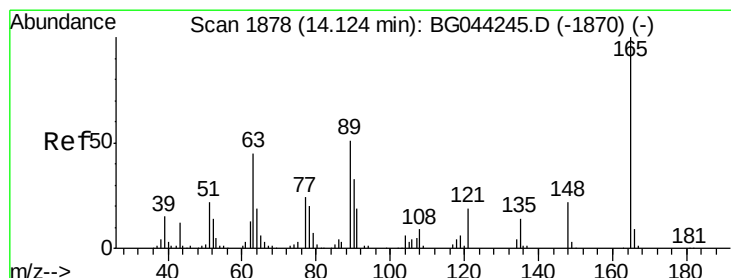
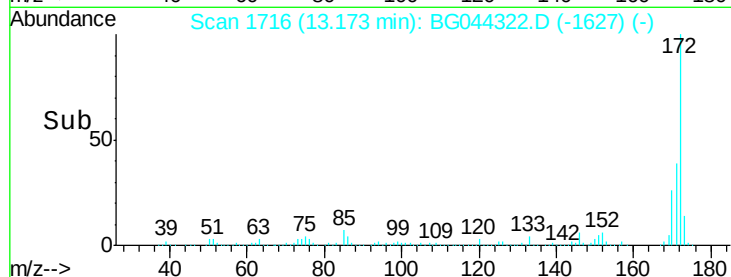
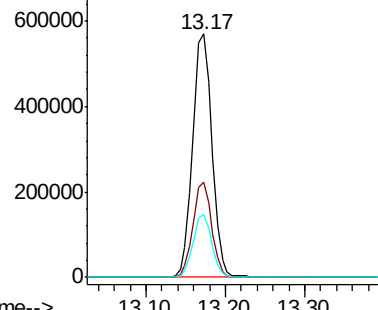
#45
 2-Fluorobiphenyl
 Concen: 68.635 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG044322.D
 Acq: 6 Feb 2020 14:37

Instrument :
 BNA_G
 ClientSampleId :
 PB126624BL

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	32.9	49.3
170	25.8	22.0	33.0

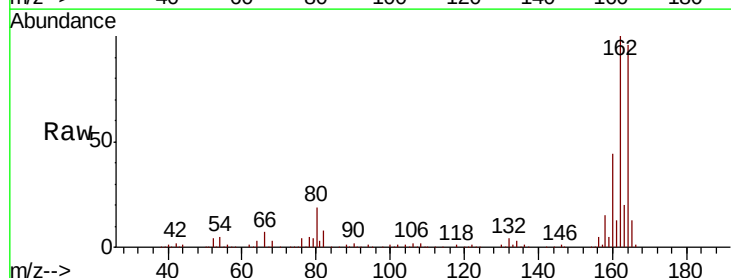


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

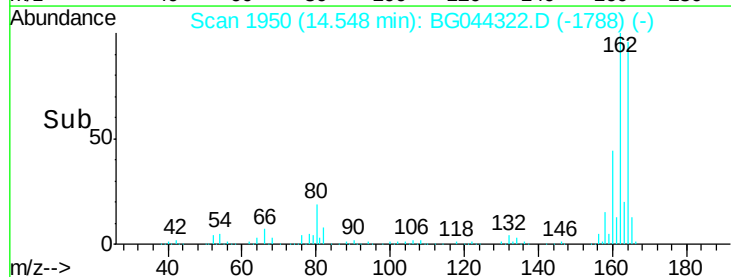
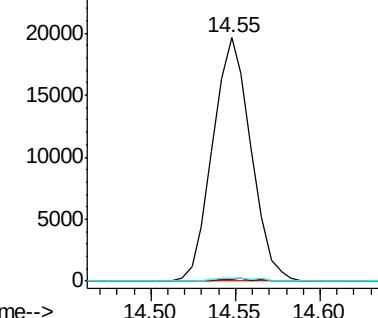


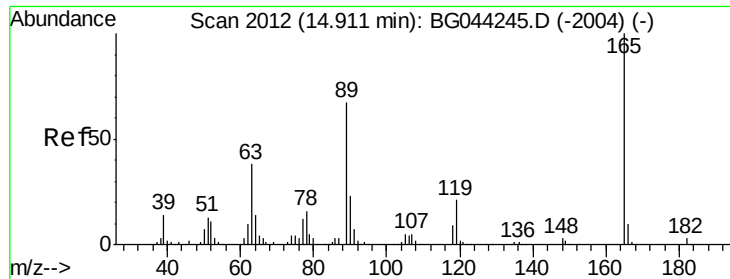
#51
 2,6-Dinitrotoluene
 Concen: 8.159 ng
 RT: 14.55 min Scan# 1950
 Delta R.T. 0.42 min
 Lab File: BG044322.D
 Acq: 6 Feb 2020 14:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	38.7	58.1#
89	1.0	40.4	60.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

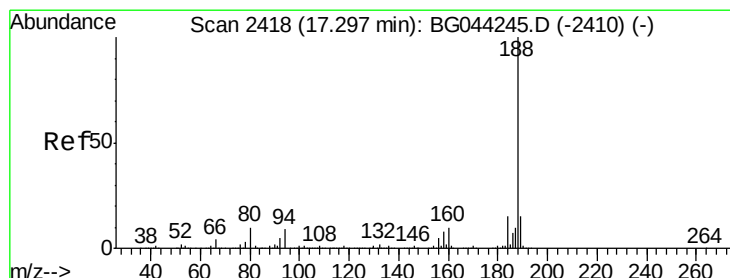
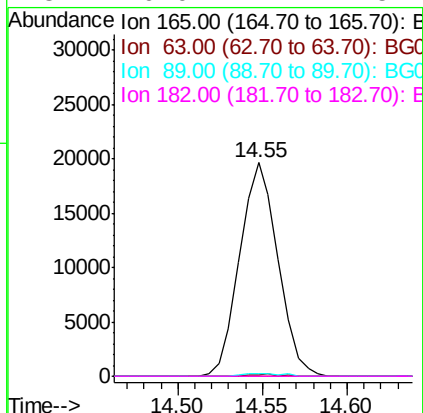
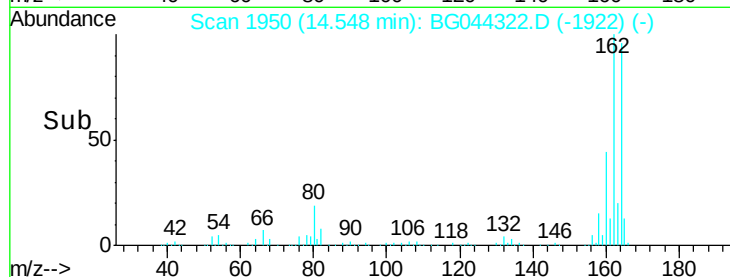
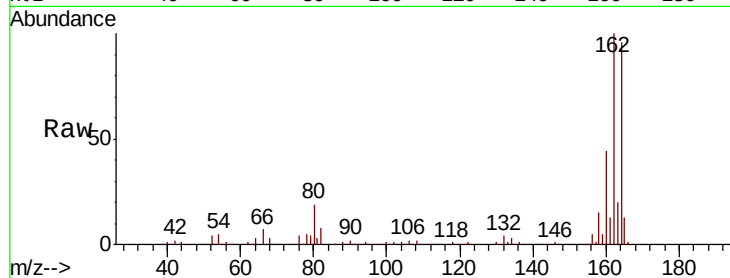




#57
 2,4-Dinitrotoluene
 Concen: 5.821 ng
 RT: 14.55 min Scan# 1950
 Delta R.T. -0.36 min
 Lab File: BG044322.D
 Acq: 6 Feb 2020 14:37

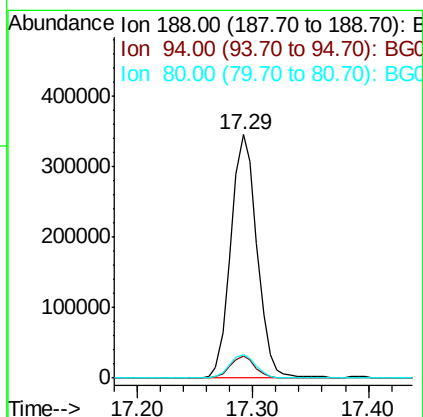
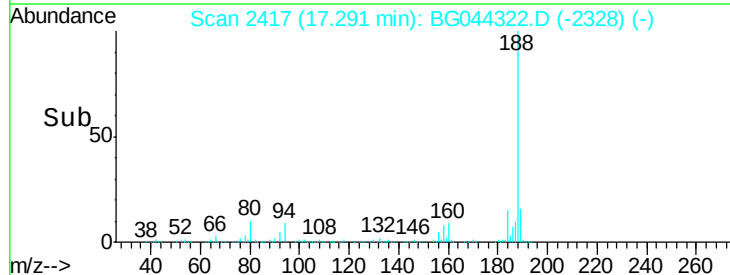
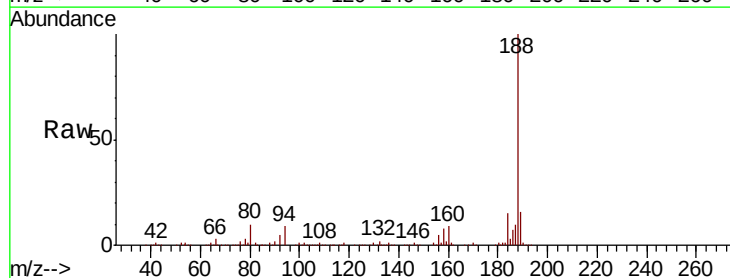
Instrument :
 BNA_G
 ClientSampleId :
 PB126624BL

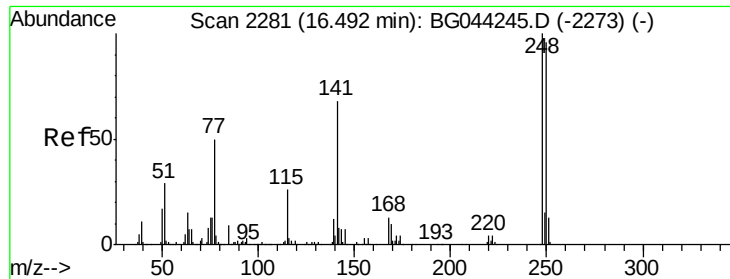
Tot Ion:165	Resp: 30855
Ion Ratio	Lower Upper
165 100	
63 0.8	30.3 45.5#
89 1.0	53.4 80.2#
182 0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.29 min Scan# 2417
 Delta R.T. -0.01 min
 Lab File: BG044322.D
 Acq: 6 Feb 2020 14:37

Tgt	Ion:188	Resp:	543665
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.2
80	9.7	7.7	11.5

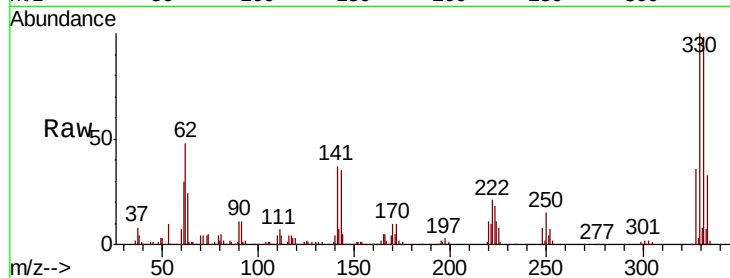




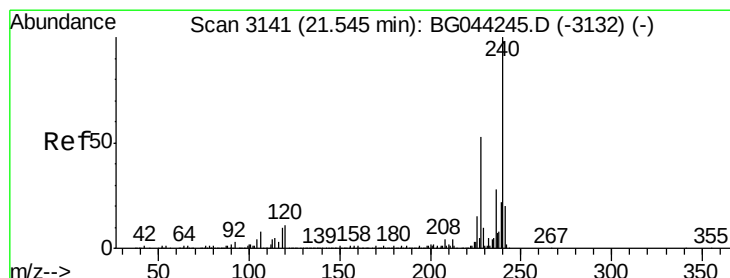
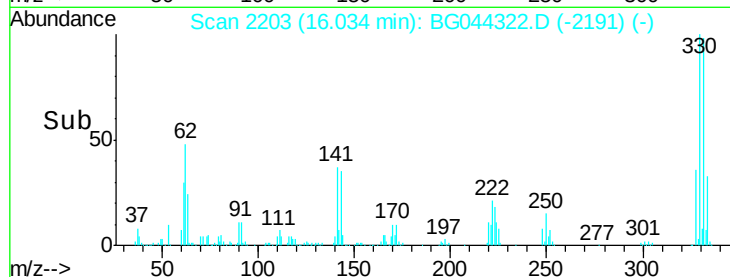
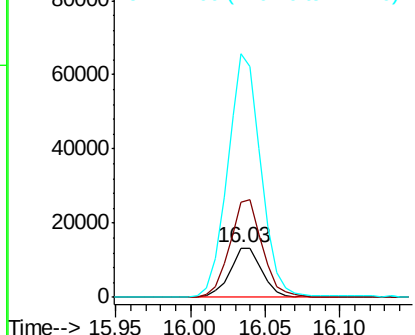
#67
4-Bromophenyl-phenylether
Concen: 3.412 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.46 min
Lab File: BG044322.D
Acq: 6 Feb 2020 14:37

Instrument :
BNA_G
ClientSampleId :
PB126624BL

Tot Ion:248 Resp: 20211
Ion Ratio Lower Upper
248 100
250 193.7 76.6 114.8#
141 493.4 54.7 82.1#

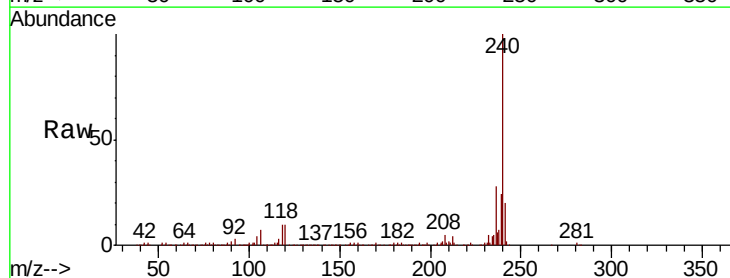


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

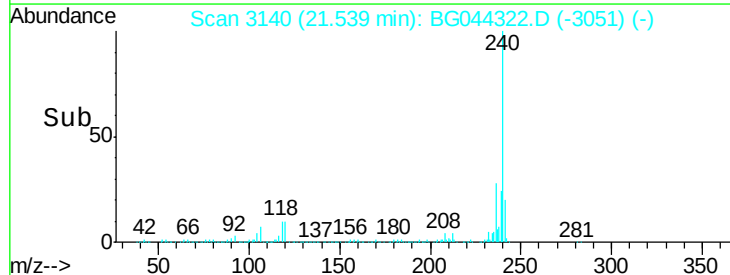
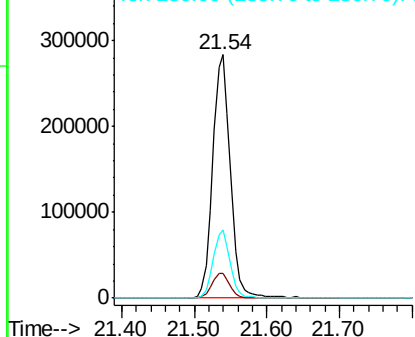


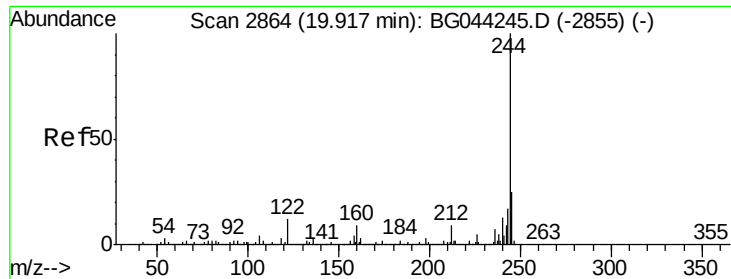
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG044322.D
Acq: 6 Feb 2020 14:37

Tgt Ion:240 Resp: 480416
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 27.9 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

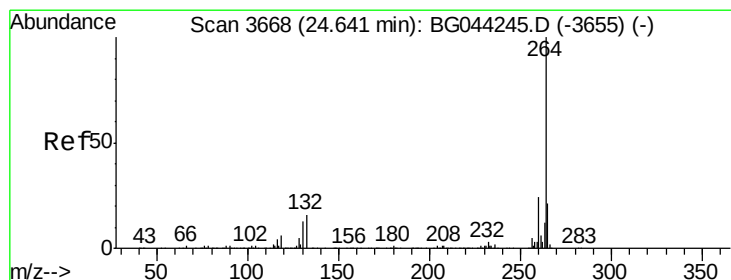
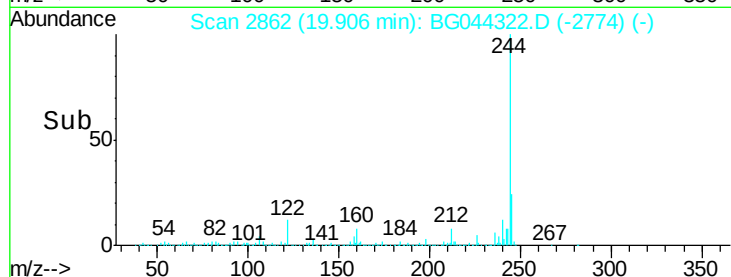
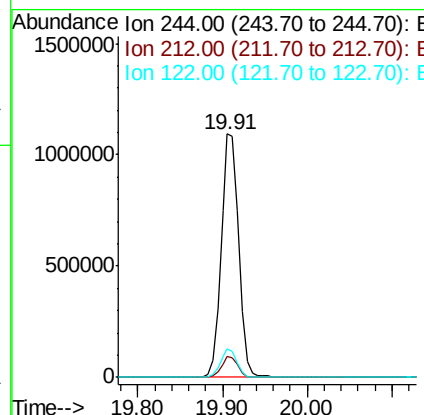
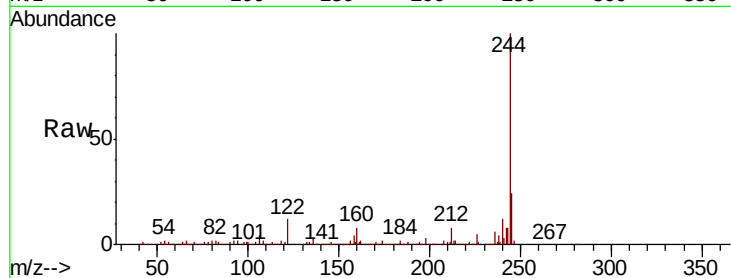




#79
 Terphenyl-d14
 Concen: 68.003 ng
 RT: 19.91 min Scan# 2862
 Delta R.T. -0.01 min
 Lab File: BG044322.D
 Acq: 6 Feb 2020 14:37

Instrument :
 BNA_G
 ClientSampleID :
 PB126624BL

Tot Ion:244 Resp: 1588325
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.4 11.2
 122 11.9 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.63 min Scan# 3666
 Delta R.T. -0.01 min
 Lab File: BG044322.D
 Acq: 6 Feb 2020 14:37

Tgt Ion:264 Resp: 531992
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.8 16.7 25.1

