

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
 Data File : BG044433.D
 Acq On : 14 Feb 2020 1:13
 Operator : CG/JU
 Sample : L1510-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 14 02:58:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

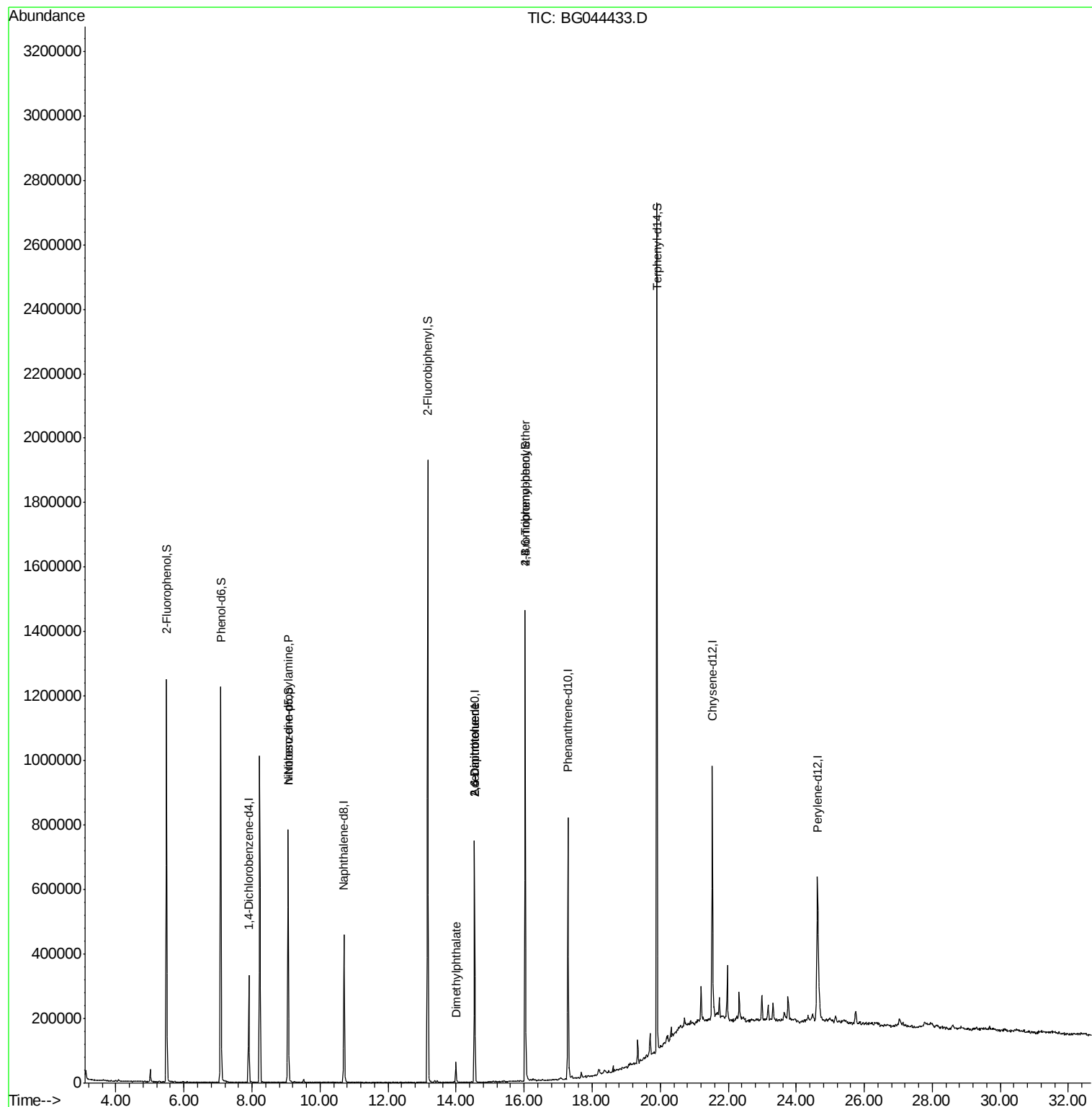
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	100087	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	434467	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	264042	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	526016	20.00	ng	0.00
76) Chrysene-d12	21.53	240	469352	20.00	ng	0.00
87) Perylene-d12	24.63	264	508105	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	608435	107.29	ng	0.00
7) Phenol-d6	7.08	99	820986	107.80	ng	0.00
23) Nitrobenzene-d5	9.06	82	506837	65.86	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	294232	94.92	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1054785	66.89	ng	0.00
79) Terphenyl-d14	19.90	244	1239136	54.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.06	70	65262	12.859	ng	Qvalue # 74
50) Dimethylphthalate	14.00	163	48835	2.573	ng	# 98
51) 2,6-Dinitrotoluene	14.55	165	34017	8.038	ng	# 29
57) 2,4-Dinitrotoluene	14.55	165	34017	5.735	ng	# 26
67) 4-Bromophenyl-phenylether	16.03	248	20204	3.525	ng	# 1

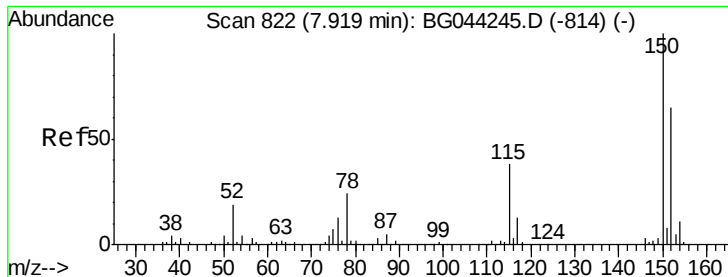
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
Data File : BG044433.D
Acq On : 14 Feb 2020 1:13
Operator : CG/JU
Sample : L1510-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 14 02:58:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration



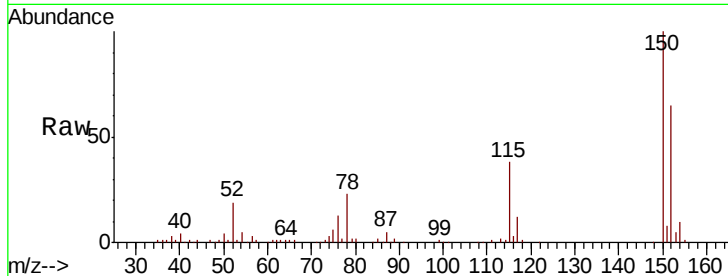


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG044433.D
Acq: 14 Feb 2020 1:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	122.6	183.8
115	58.5	46.0	69.0

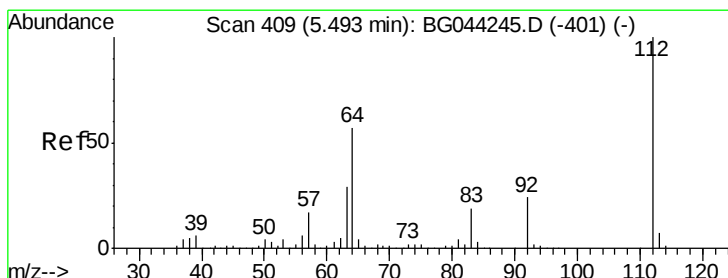
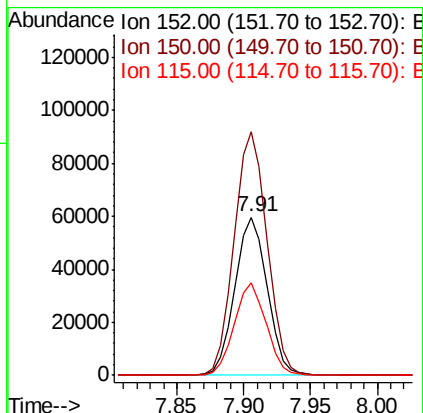
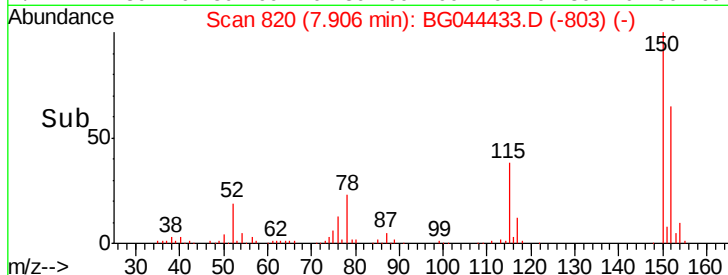


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

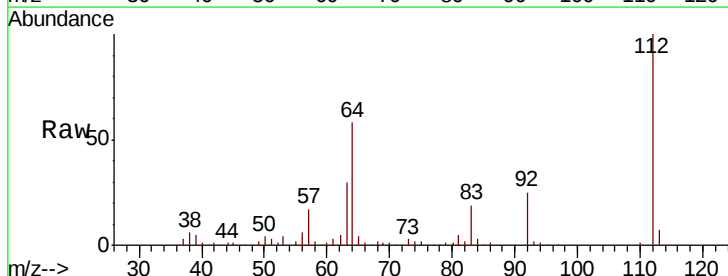
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.286 ng
RT: 5.49 min Scan# 408
Delta R.T. 0.01 min
Lab File: BG044433.D
Acq: 14 Feb 2020 1:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	45.4	68.2
63	29.8	22.9	34.3

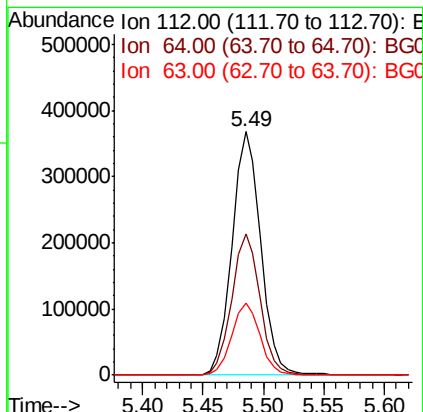
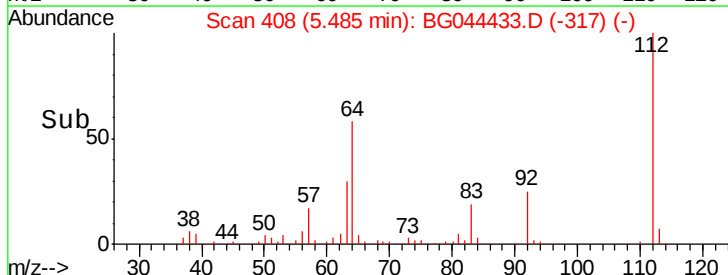


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 107.804 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG044433.D

Acq: 14 Feb 2020 1:13

Instrument :

BNA_G

ClientSampleId :

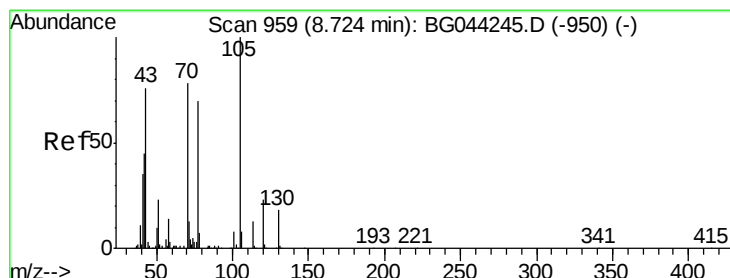
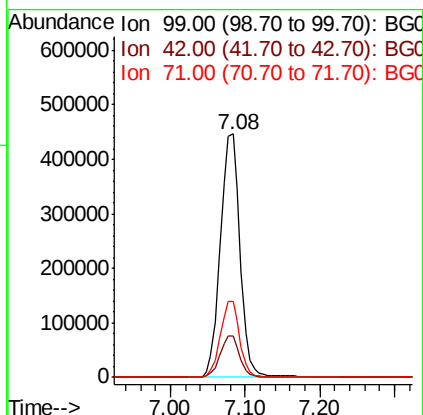
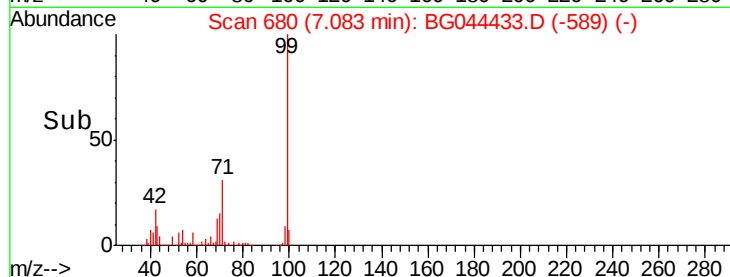
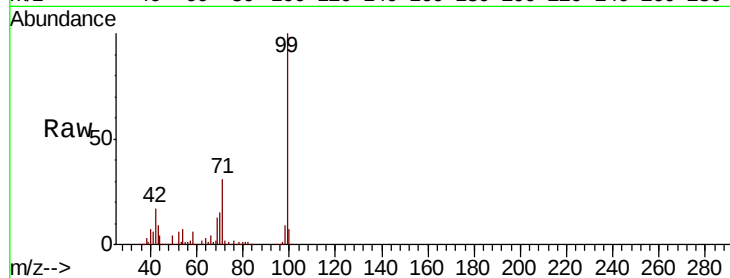
Tot Ion: 99 Resp: 820986

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.6

71 31.2 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.859 ng

RT: 9.06 min Scan# 1017

Delta R.T. 0.35 min

Lab File: BG044433.D

Acq: 14 Feb 2020 1:13

Tgt Ion: 70 Resp: 65262

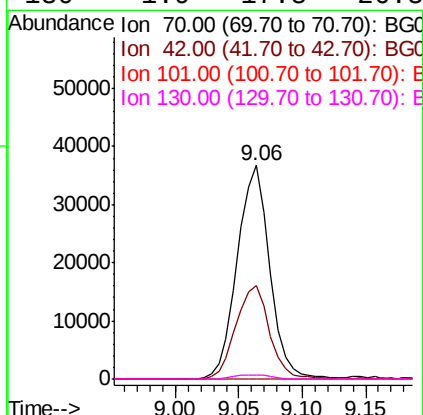
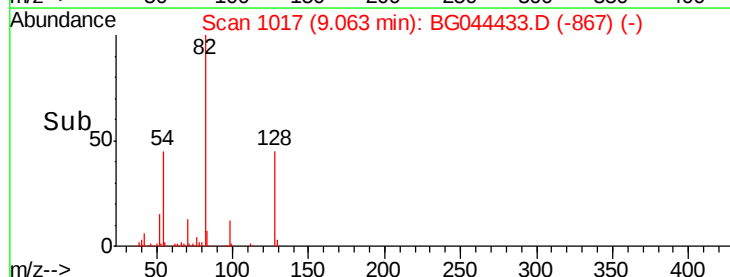
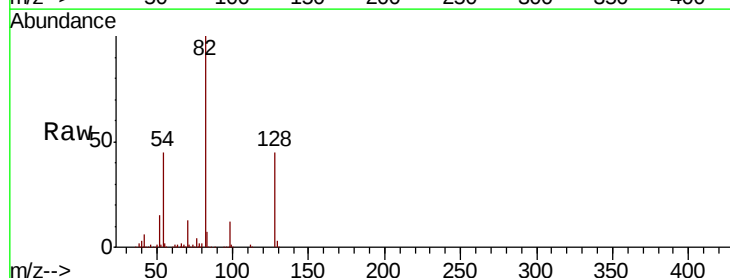
Ion Ratio Lower Upper

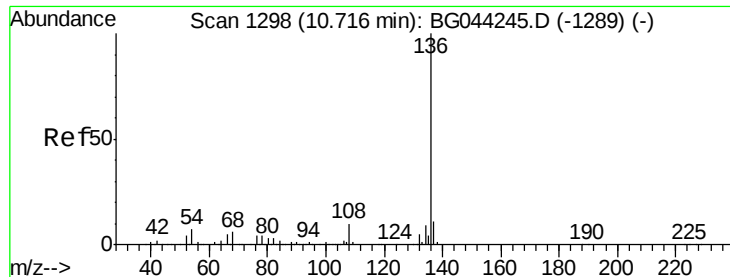
70 100

42 44.0 46.2 69.2#

101 0.0 8.4 12.6#

130 1.9 17.8 26.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.71 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BG044433.D

Acq: 14 Feb 2020 1:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 434467

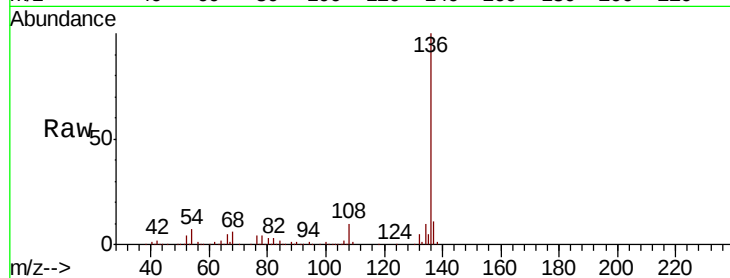
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.0 5.8 8.8

68 6.1 4.6 6.8

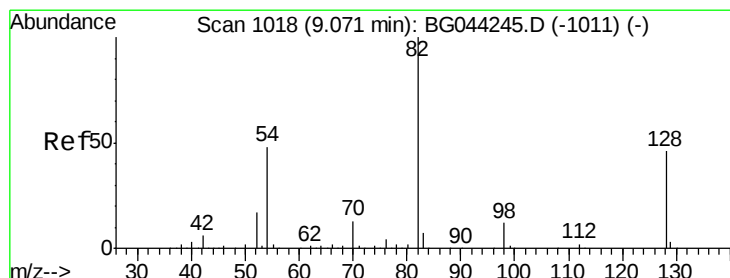
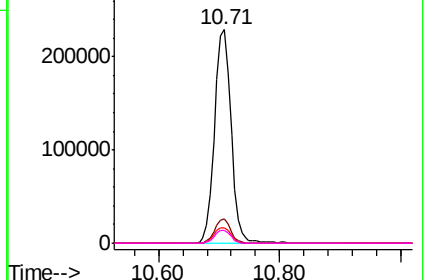
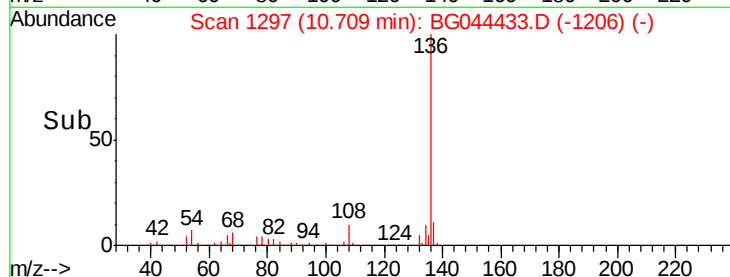


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.860 ng

RT: 9.06 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG044433.D

Acq: 14 Feb 2020 1:13

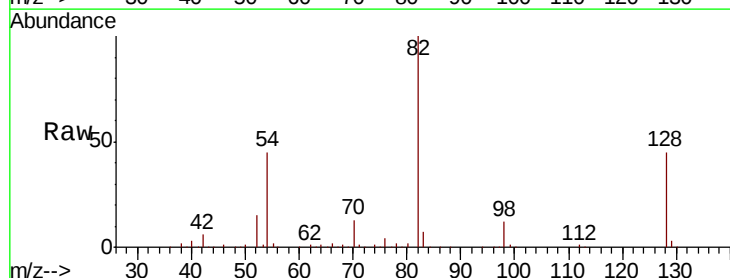
Tgt Ion: 82 Resp: 506837

Ion Ratio Lower Upper

82 100

128 45.3 36.5 54.7

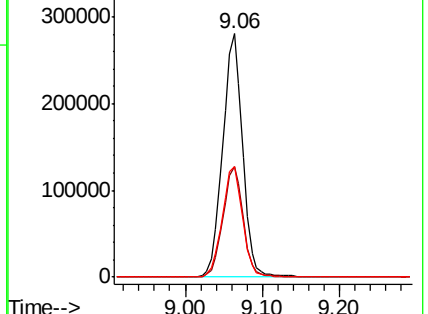
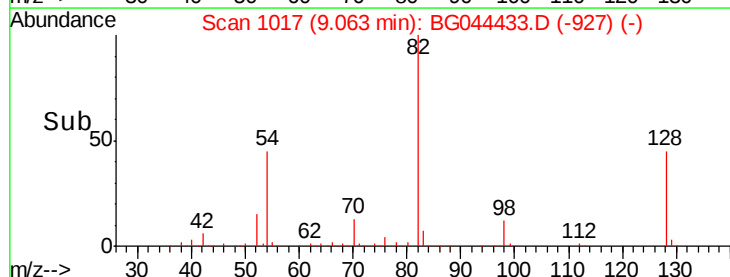
54 45.3 38.6 58.0

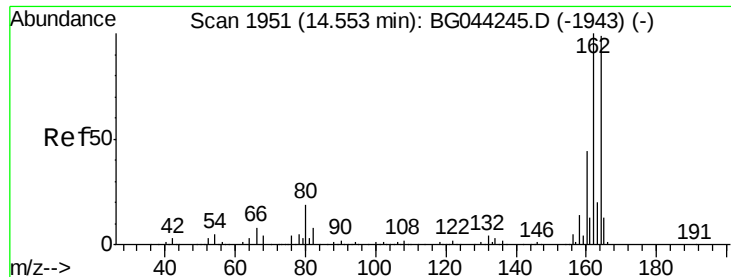


Abundance Ion 82.00 (81.70 to 82.70): BGC

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. 0.00 min

Lab File: BG044433.D

Acq: 14 Feb 2020 1:13

Instrument :

BNA_G

ClientSampleId :

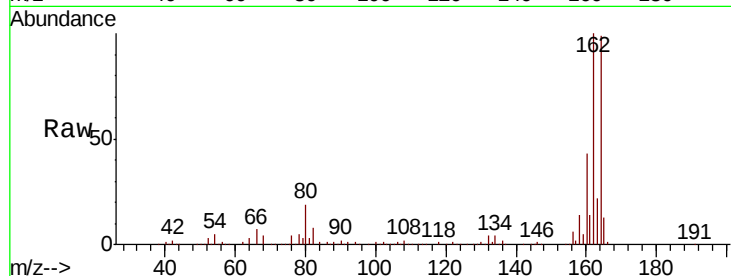
Tot Ion:164 Resp: 264042

Ion Ratio Lower Upper

164 100

162 101.5 80.7 121.1

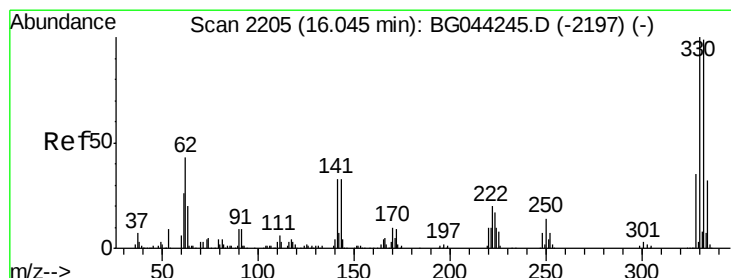
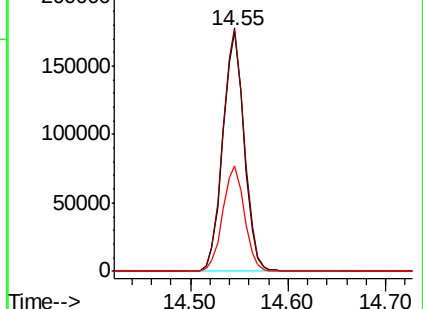
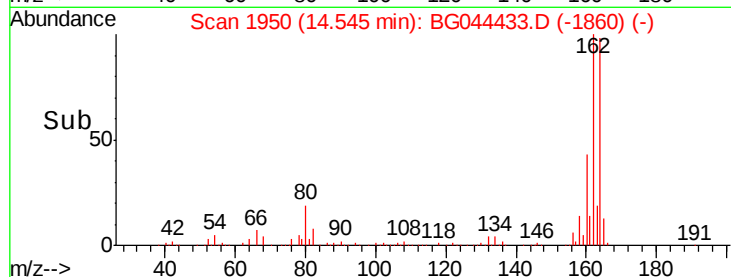
160 43.9 35.3 52.9



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: 94.923 ng

RT: 16.04 min Scan# 2204

Delta R.T. 0.01 min

Lab File: BG044433.D

Acq: 14 Feb 2020 1:13

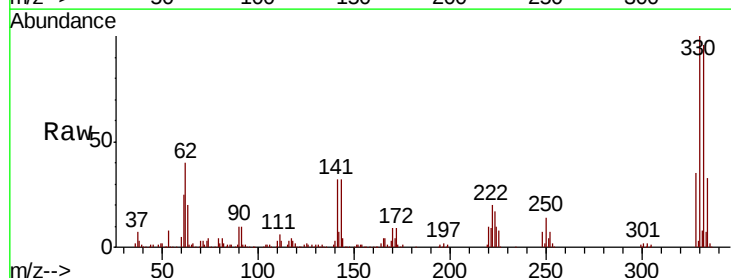
Tgt Ion:330 Resp: 294232

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

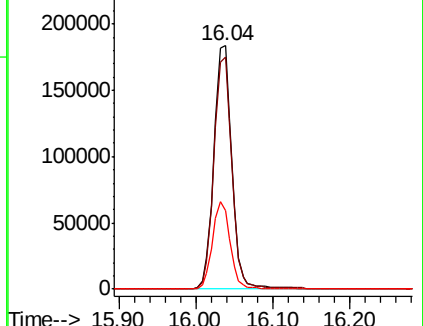
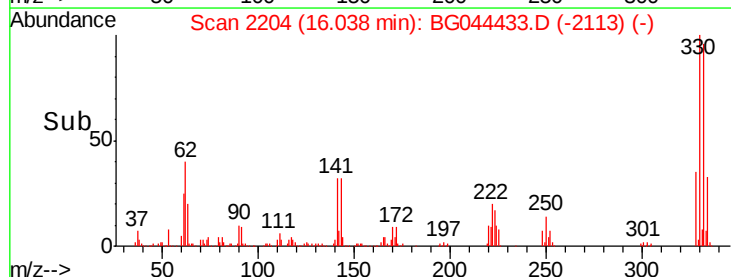
141 35.5 28.3 42.5



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



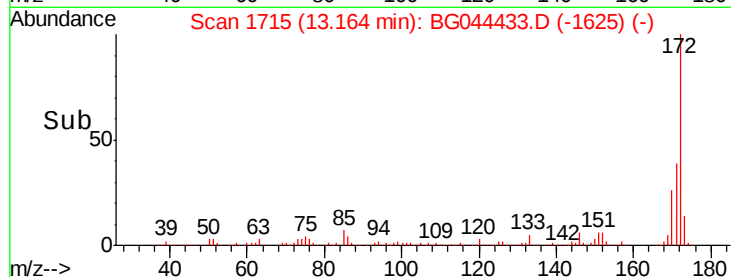
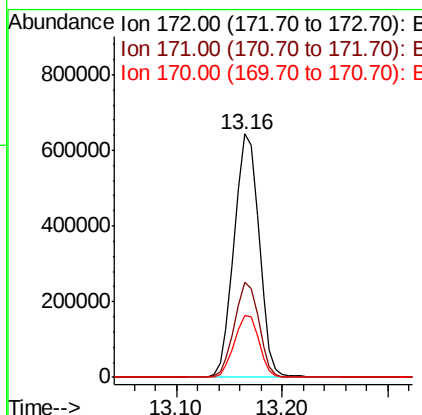
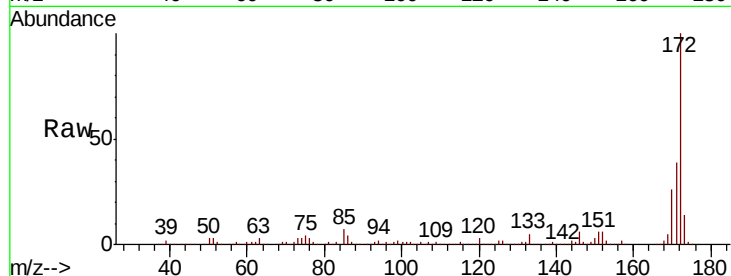


#45
 2-Fluorobiphenyl
 Concen: 66.894 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044433.D
 Acq: 14 Feb 2020 1:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1054785

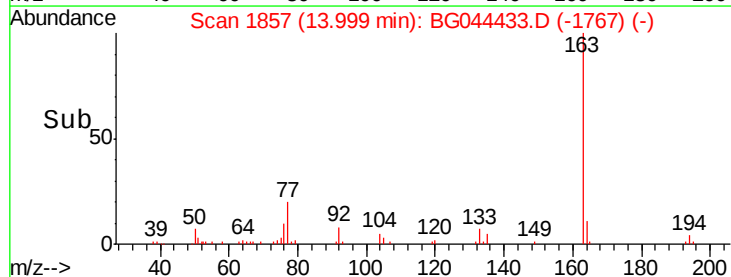
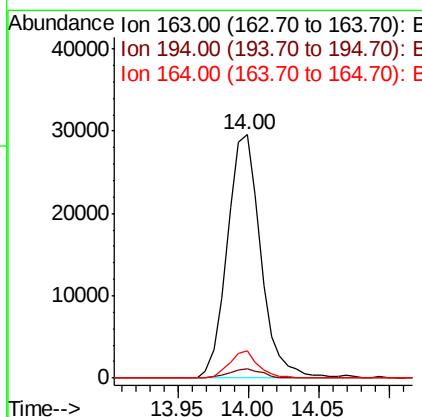
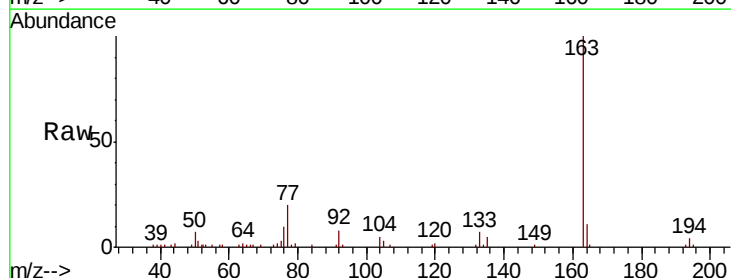
Ion	Ratio	Lower	Upper
172	100		
171	39.0	32.9	49.3
170	25.6	22.0	33.0

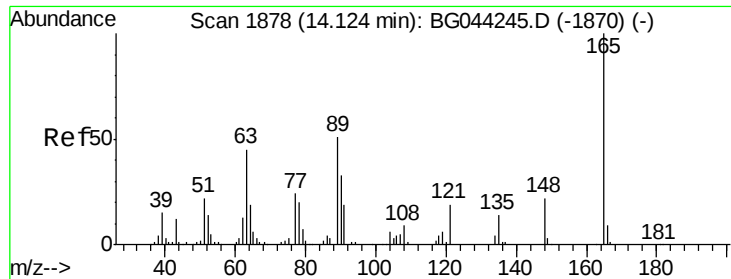


#50
 Dimethylphthalate
 Concen: 2.573 ng
 RT: 14.00 min Scan# 1857
 Delta R.T. 0.00 min
 Lab File: BG044433.D
 Acq: 14 Feb 2020 1:13

Tgt Ion:163 Resp: 48835

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.6	5.4
164	11.4	8.7	13.1

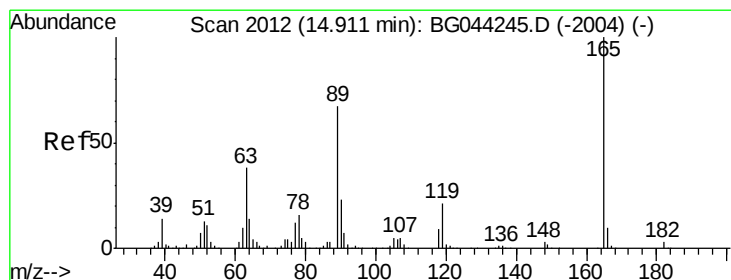
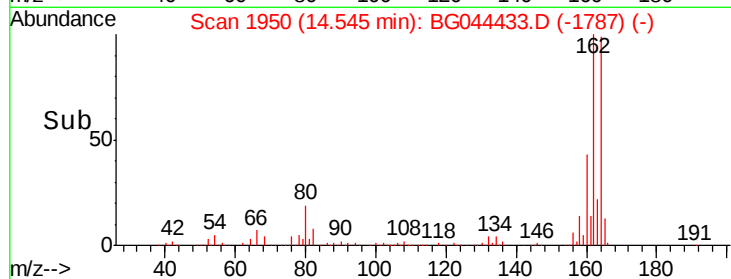
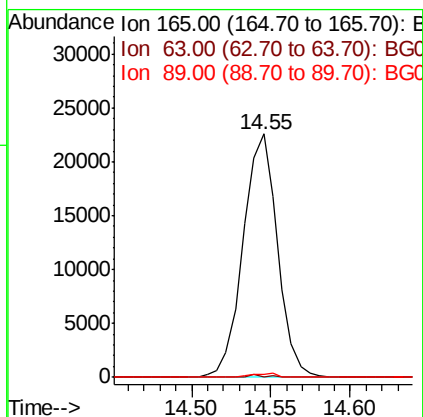
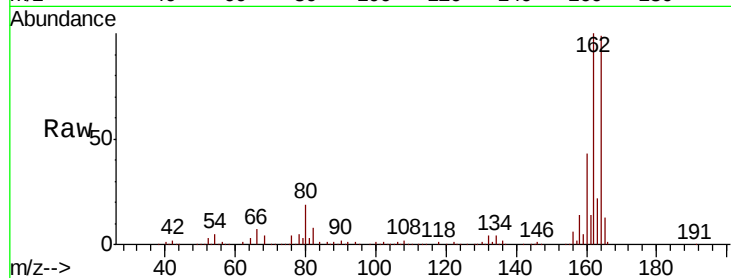




#51
 2,6-Dinitrotoluene
 Concen: 8.038 ng
 RT: 14.55 min Scan# 1950
 Delta R.T. 0.43 min
 Lab File: BG044433.D
 Acq: 14 Feb 2020 1:13

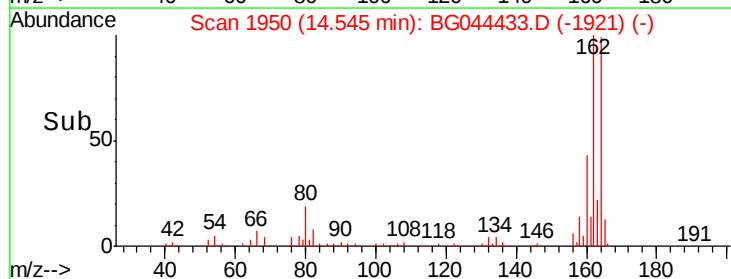
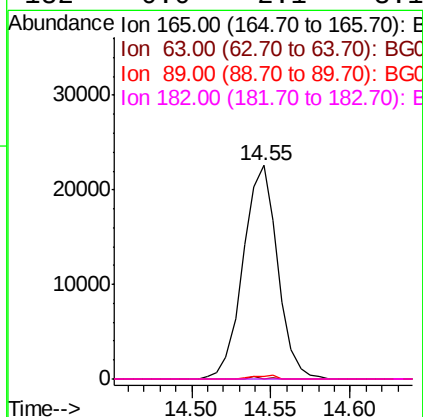
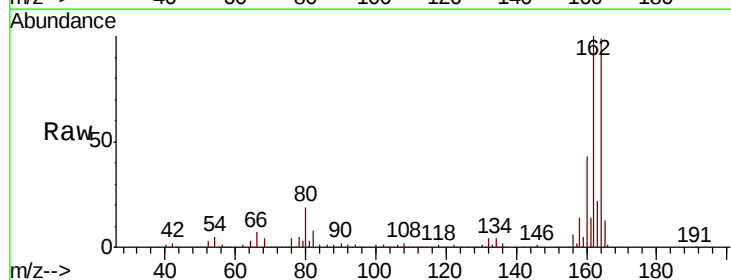
Instrument :
 BNA_G
 ClientSampleId :

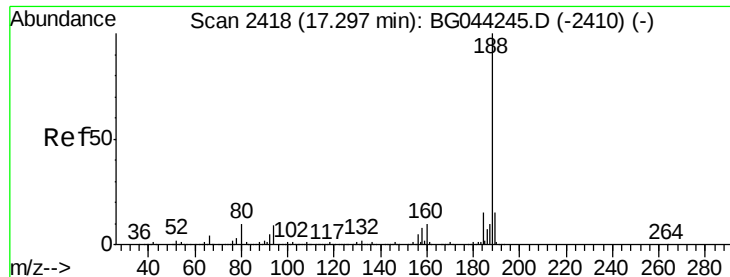
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.7	58.1#
89	1.0	40.4	60.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.735 ng
 RT: 14.55 min Scan# 1950
 Delta R.T. -0.36 min
 Lab File: BG044433.D
 Acq: 14 Feb 2020 1:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.3	45.5#
89	1.0	53.4	80.2#
182	0.0	2.1	3.1#

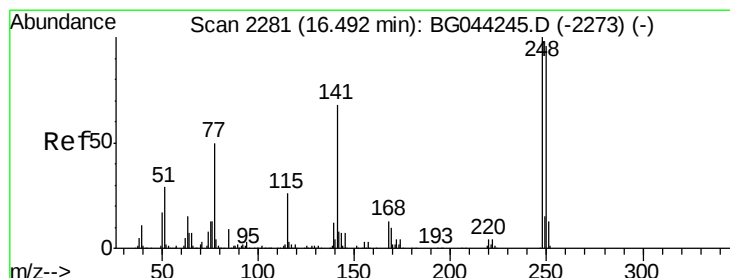
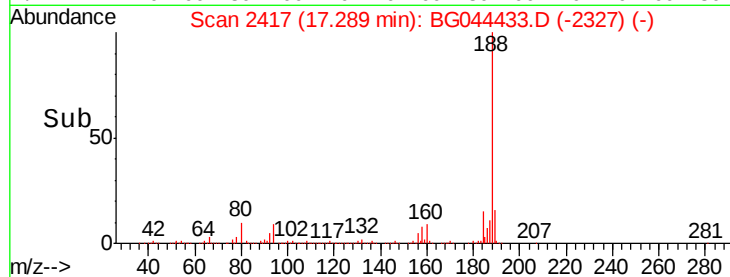
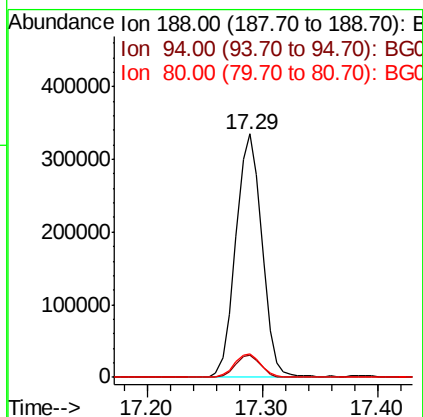
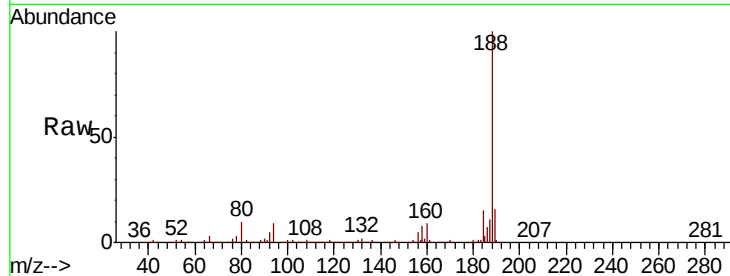




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.29 min Scan# 2417
 Delta R.T. 0.00 min
 Lab File: BG044433.D
 Acq: 14 Feb 2020 1:13

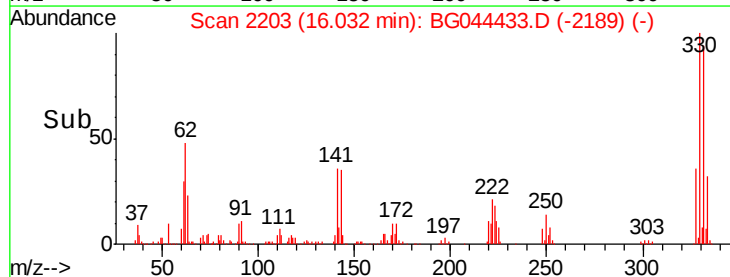
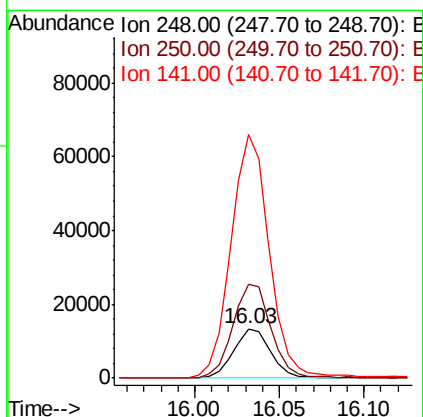
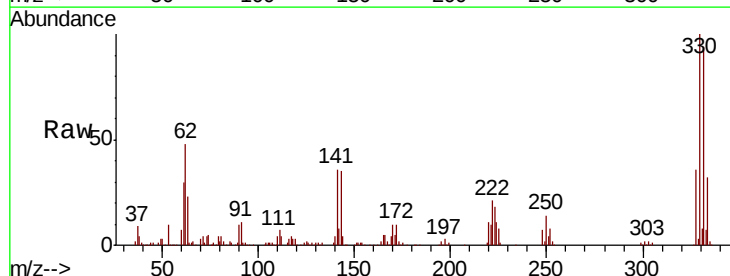
Instrument :
 BNA_G
 ClientSampleId :

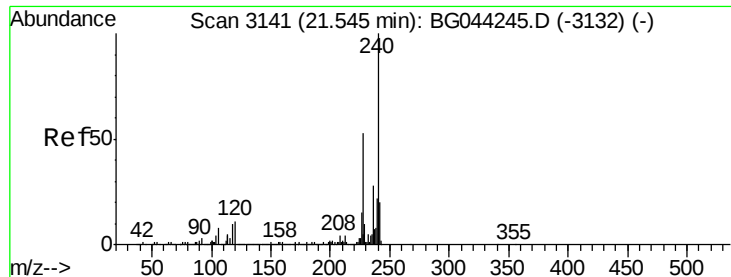
Tot Ion:188 Resp: 526016
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.4 11.2
 80 9.8 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 3.525 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. -0.45 min
 Lab File: BG044433.D
 Acq: 14 Feb 2020 1:13

Tgt Ion:248 Resp: 20204
 Ion Ratio Lower Upper
 248 100
 250 189.8 76.6 114.8#
 141 492.2 54.7 82.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG044433.D

Acq: 14 Feb 2020 1:13

Instrument :

BNA_G

ClientSampleId :

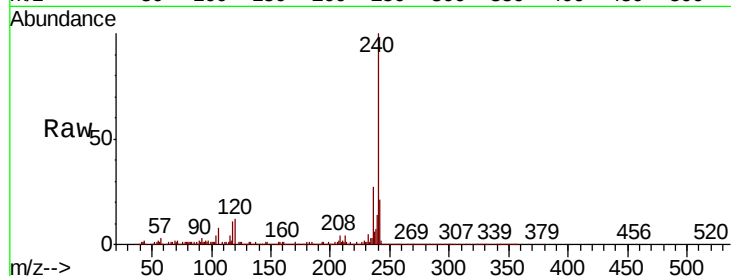
Tot Ion:240 Resp: 469352

Ion Ratio Lower Upper

240 100

120 11.7 8.4 12.6

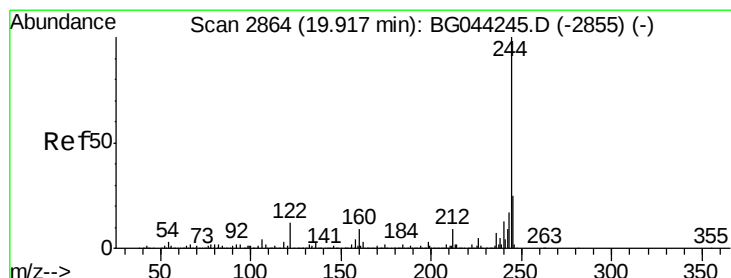
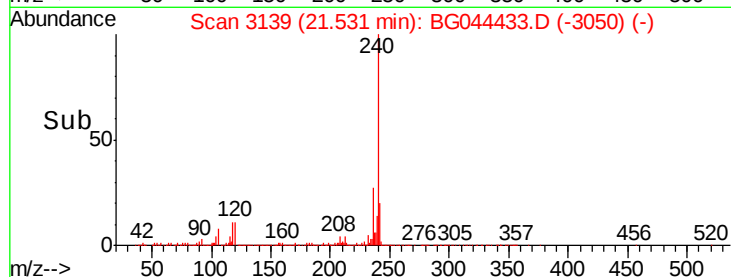
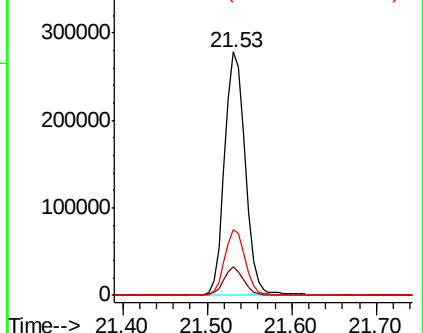
236 27.2 22.1 33.1



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: 54.303 ng

RT: 19.90 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG044433.D

Acq: 14 Feb 2020 1:13

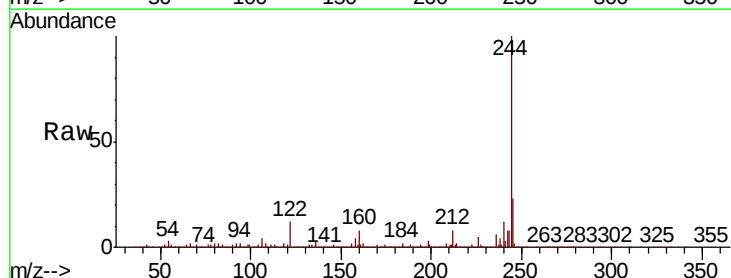
Tgt Ion:244 Resp: 1239136

Ion Ratio Lower Upper

244 100

212 8.4 7.4 11.2

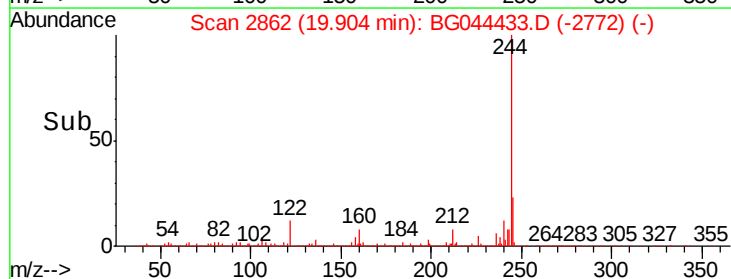
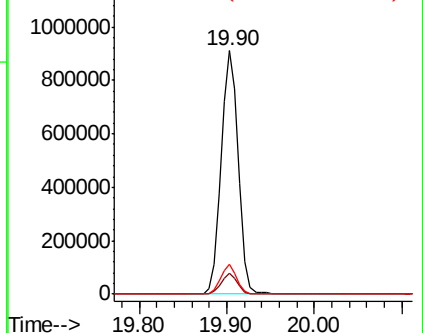
122 12.0 9.8 14.6

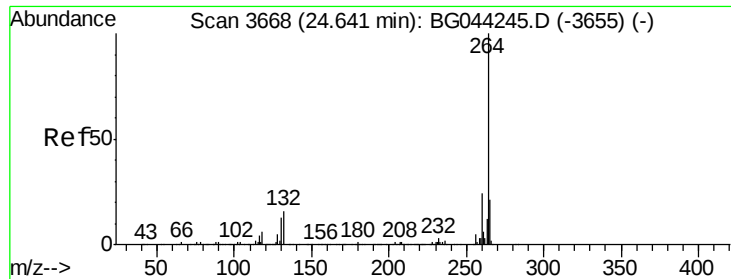


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

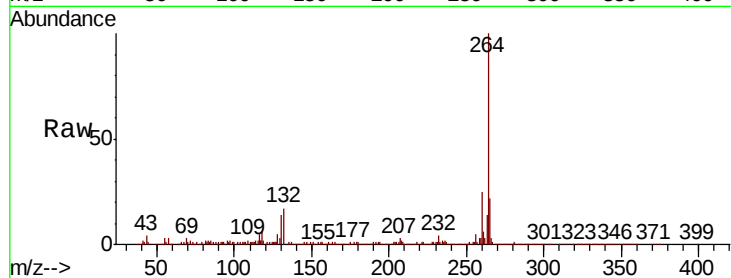




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.63 min Scan# 3666
Delta R.T. 0.01 min
Lab File: BG044433.D
Acq: 14 Feb 2020 1:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	508105
Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.2
265	22.2	16.7	25.1



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

