

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
 Data File : BG044670.D
 Acq On : 3 Mar 2020 20:11
 Operator : CG/JU
 Sample : L1745-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 04 03:46:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

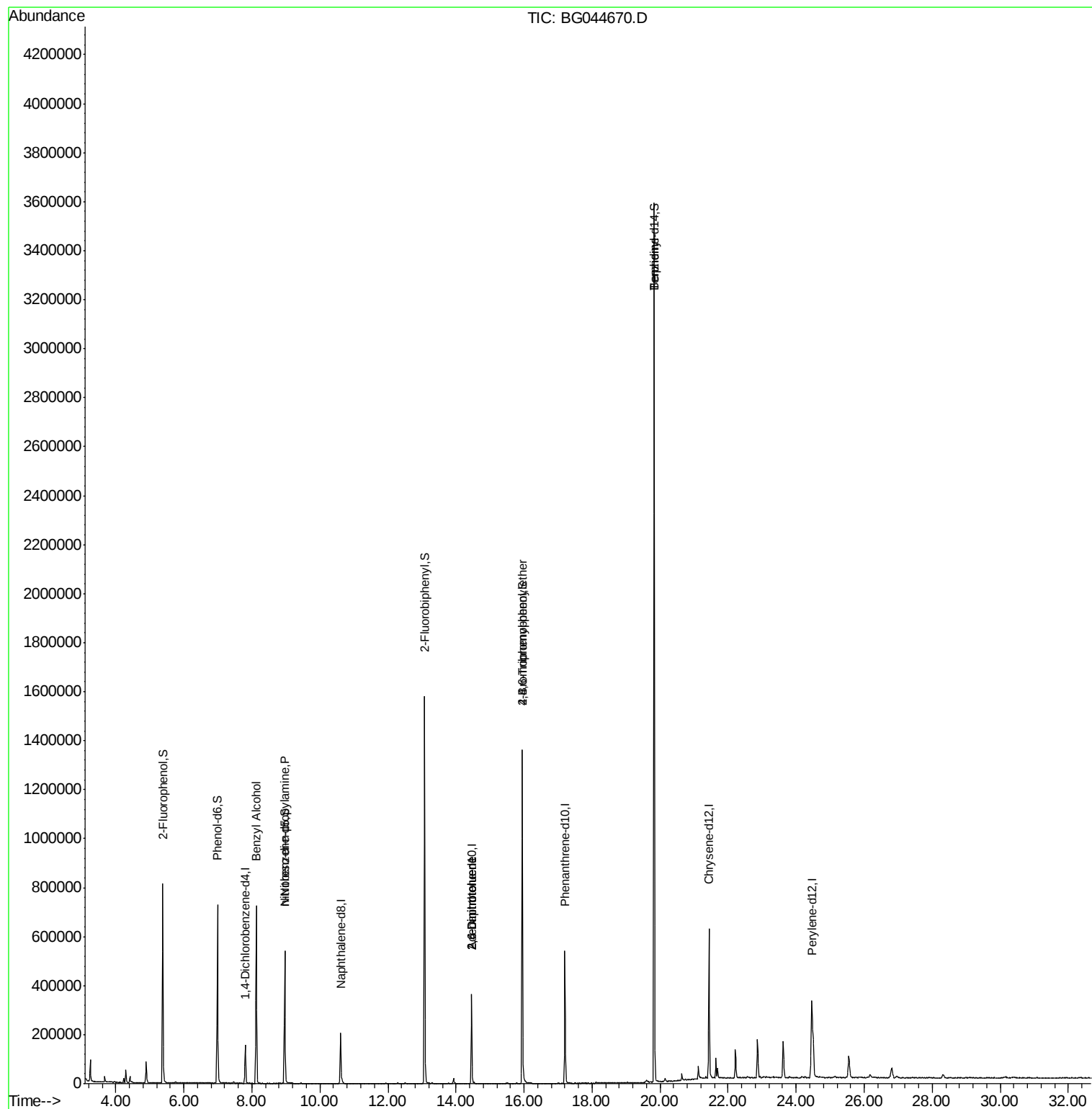
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	46285	20.00	ng	-0.07
21) Naphthalene-d8	10.60	136	196828	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	136446	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	358508	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	362402	20.00	ng	-0.06
87) Perylene-d12	24.46	264	301684	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	403117	139.74	ng	-0.06
7) Phenol-d6	6.99	99	470699	119.20	ng	-0.06
23) Nitrobenzene-d5	8.97	82	355386	93.02	ng	-0.06
42) 2,4,6-Tribromophenol	15.95	330	304149	157.21	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	870374	91.34	ng	-0.06
79) Terphenyl-d14	19.83	244	1755139	91.68	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	8.13	79	5467	2.053	ng	# 48
19) n-Nitroso-di-n-propylamine	8.97	70	44395	17.491	ng	# 78
51) 2,6-Dinitrotoluene	14.45	165	17604	7.248	ng	# 31
57) 2,4-Dinitrotoluene	14.45	165	17604	5.155	ng	# 30
67) 4-Bromophenyl-phenylether	15.95	248	20301	4.562	ng	# 1
77) Benzidine	19.83	184	27441	2.210	ng	# 91

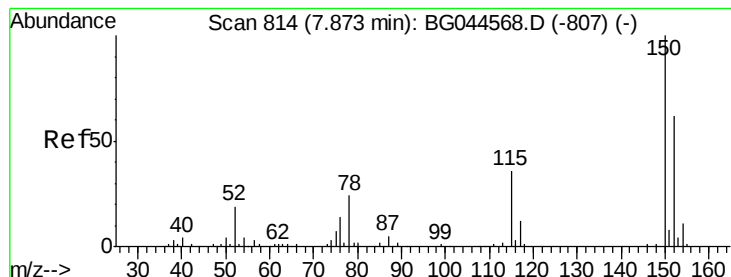
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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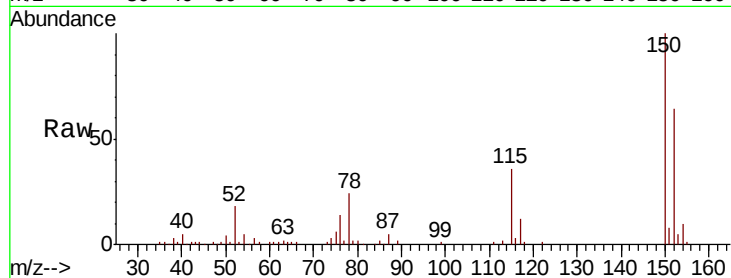




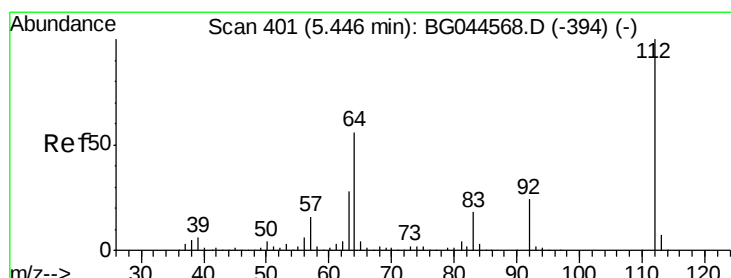
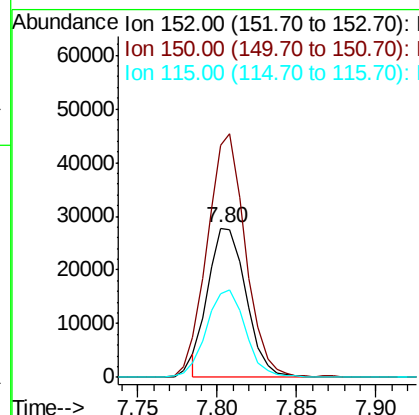
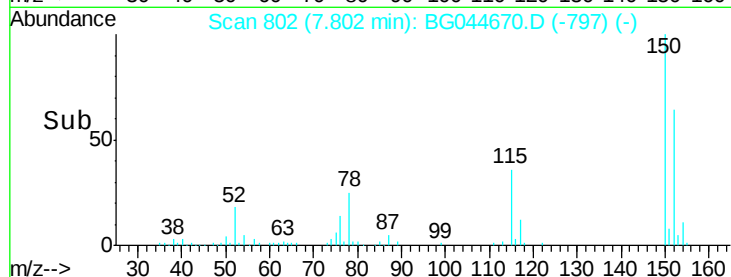
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.80 min Scan# 802
 Delta R.T. -0.07 min
 Lab File: BG044670.D
 Acq: 3 Mar 2020 20:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 46285
 Ion Ratio Lower Upper
 152 100
 150 155.9 128.9 193.3
 115 56.2 47.0 70.4

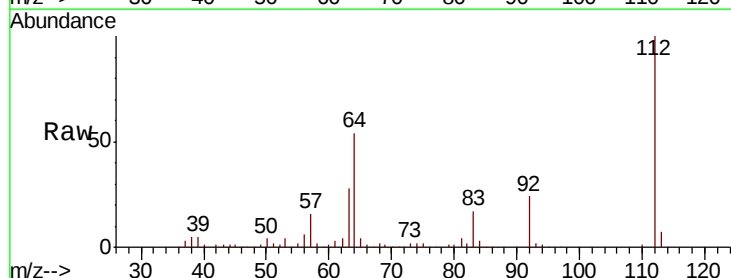


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

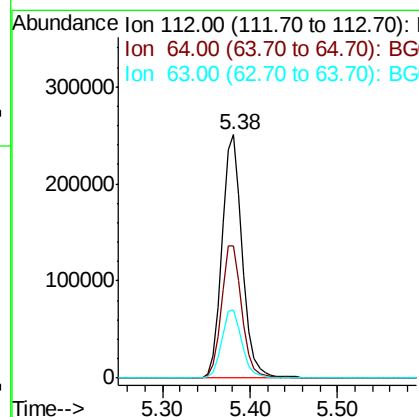
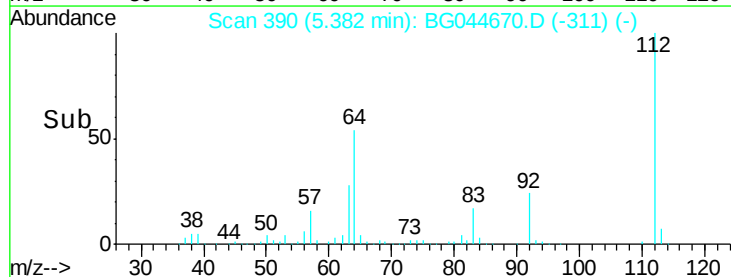


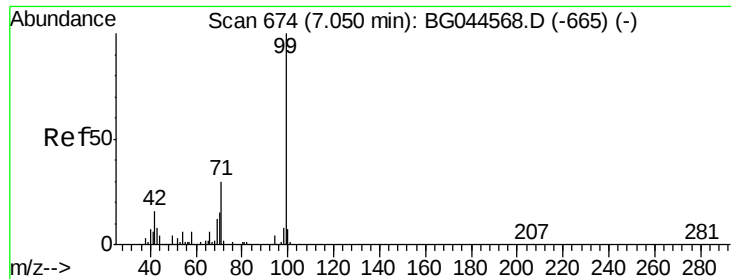
#5
 2-Fluorophenol
 Concen: 139.741 ng
 RT: 5.38 min Scan# 390
 Delta R.T. -0.06 min
 Lab File: BG044670.D
 Acq: 3 Mar 2020 20:11

Tgt Ion:112 Resp: 403117
 Ion Ratio Lower Upper
 112 100
 64 54.4 44.8 67.2
 63 27.9 22.3 33.5



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: 119.204 ng

RT: 6.99 min Scan# 663

Delta R.T. -0.06 min

Lab File: BG044670.D

Acq: 3 Mar 2020 20:11

Instrument :

BNA_G

ClientSampleId :

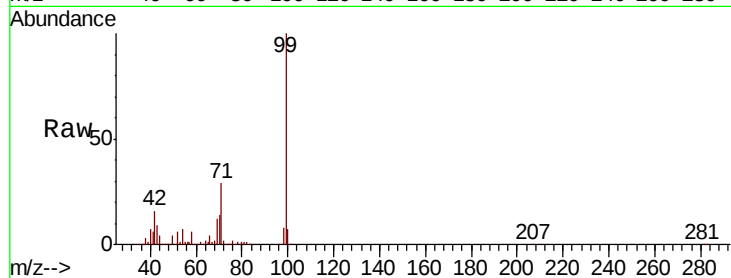
Tot Ion: 99 Resp: 470699

Ion Ratio Lower Upper

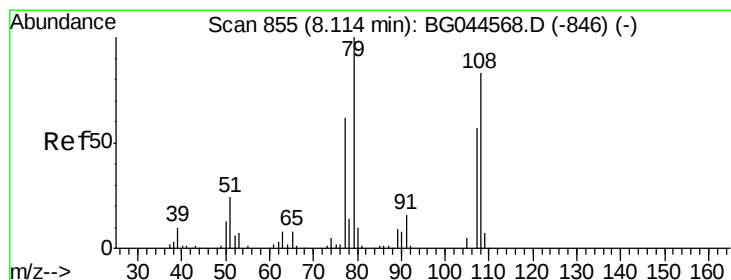
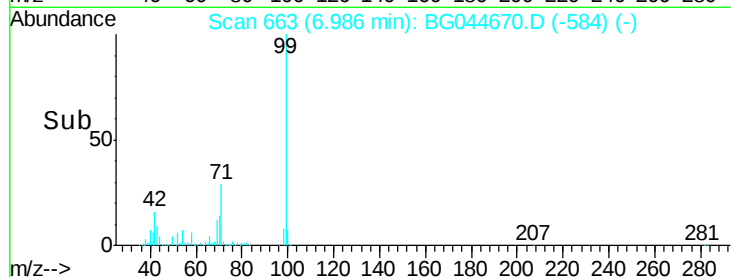
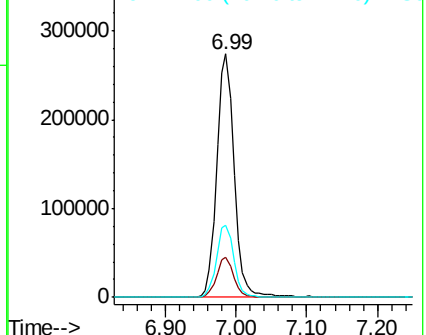
99 100

42 16.3 12.8 19.2

71 29.5 24.4 36.6



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



#15

Benzyl Alcohol

Concen: 2.053 ng

RT: 8.13 min Scan# 858

Delta R.T. 0.02 min

Lab File: BG044670.D

Acq: 3 Mar 2020 20:11

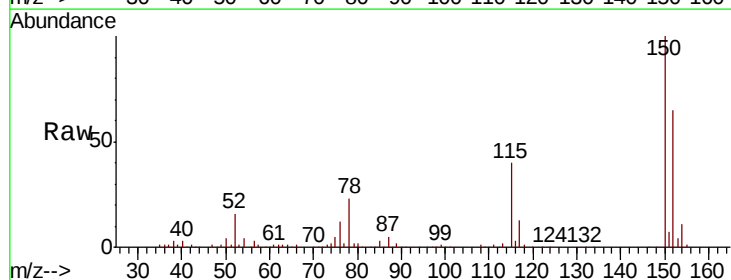
Tgt Ion: 79 Resp: 5467

Ion Ratio Lower Upper

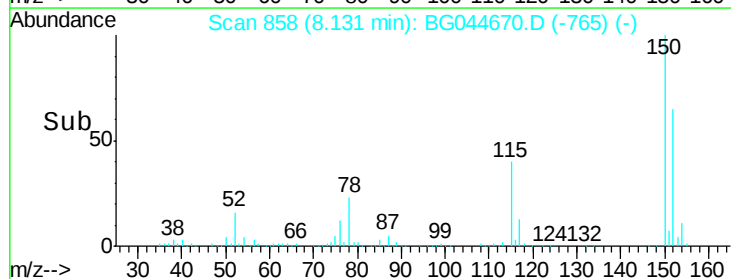
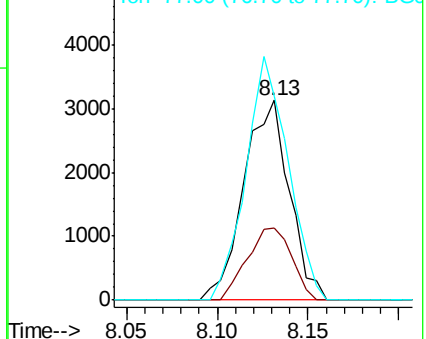
79 100

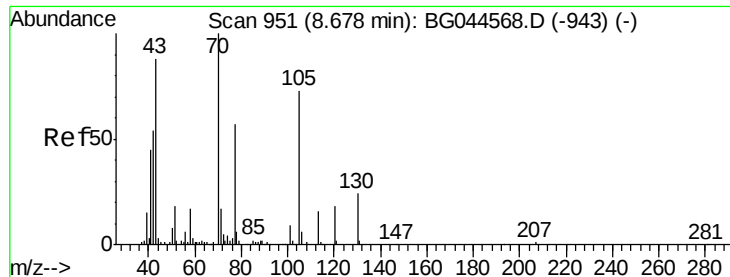
108 36.2 66.0 99.0#

77 102.0 49.6 74.4#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

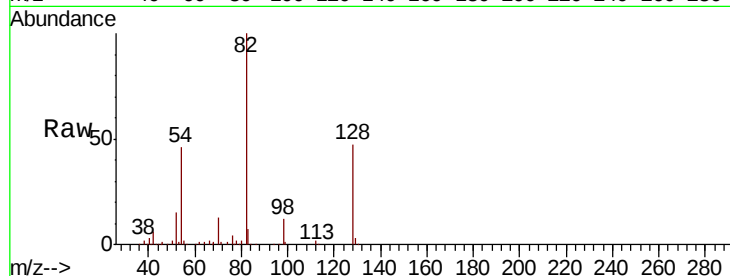




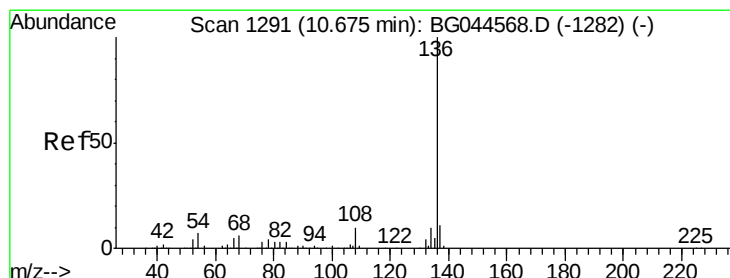
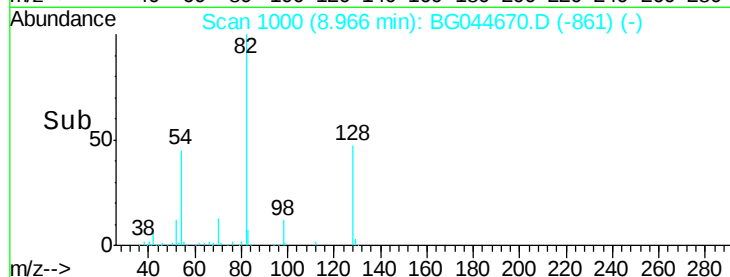
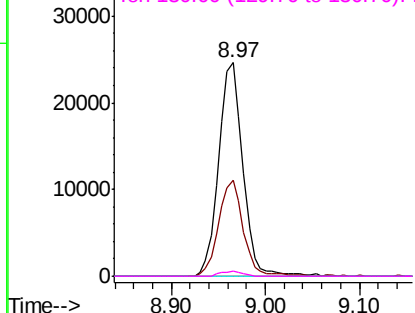
#19
n-Nitroso-di-n-propylamine
Concen: 17.491 ng
RT: 8.97 min Scan# 1000
Delta R.T. 0.29 min
Lab File: BG044670.D
Acq: 3 Mar 2020 20:11

Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 44395
Ion Ratio Lower Upper
70 100
42 45.1 43.4 65.0
101 0.0 7.5 11.3#
130 2.2 18.9 28.3#

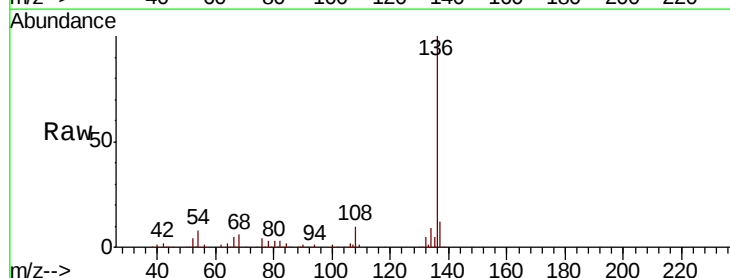


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

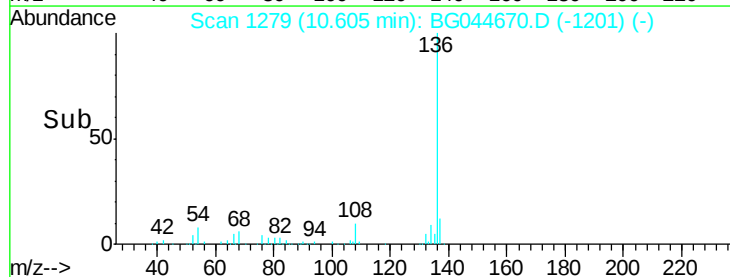
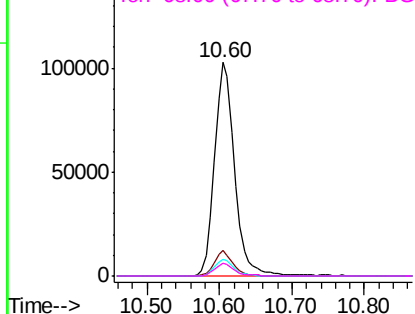


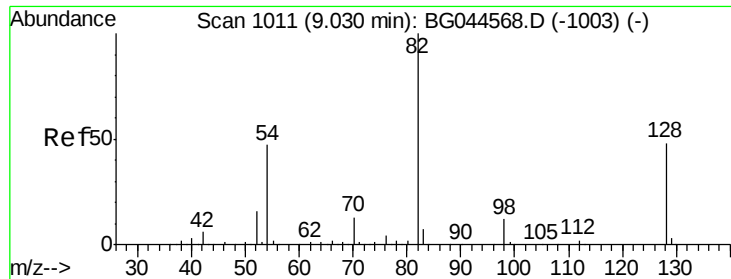
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BG044670.D
Acq: 3 Mar 2020 20:11

Tgt Ion: 136 Resp: 196828
Ion Ratio Lower Upper
136 100
137 11.8 8.8 13.2
54 8.0 5.7 8.5
68 5.9 4.5 6.7



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

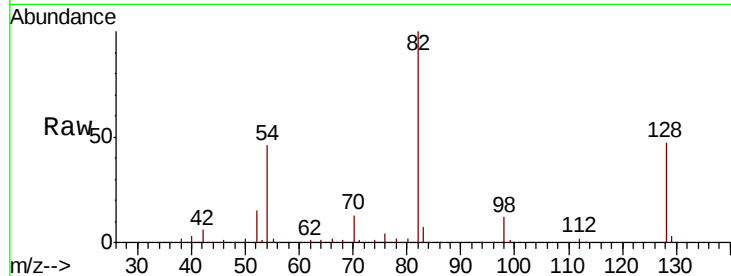




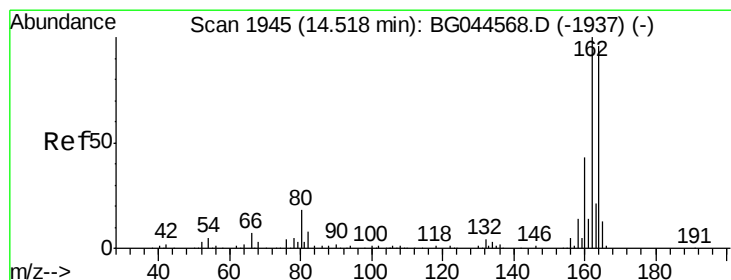
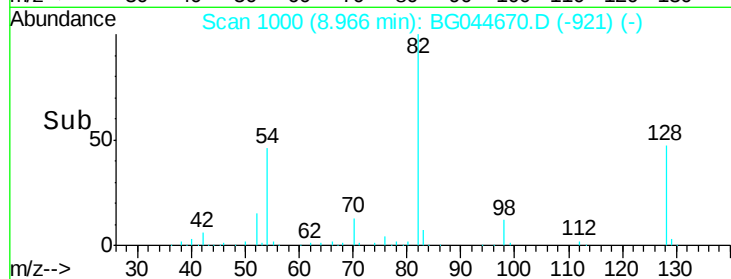
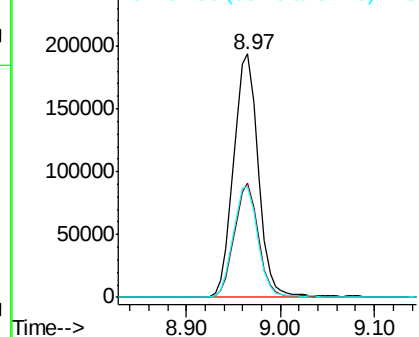
#23
 Nitrobenzene-d5
 Concen: 93.020 ng
 RT: 8.97 min Scan# 1000
 Delta R.T. -0.06 min
 Lab File: BG044670.D
 Acq: 3 Mar 2020 20:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 355386
 Ion Ratio Lower Upper
 82 100
 128 47.0 38.1 57.1
 54 45.5 37.5 56.3

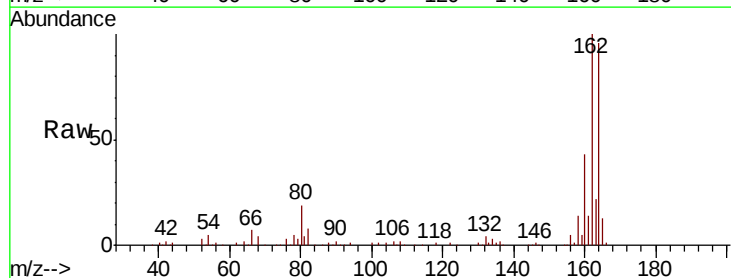


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

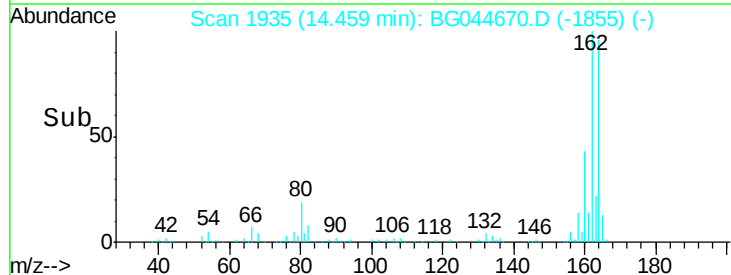
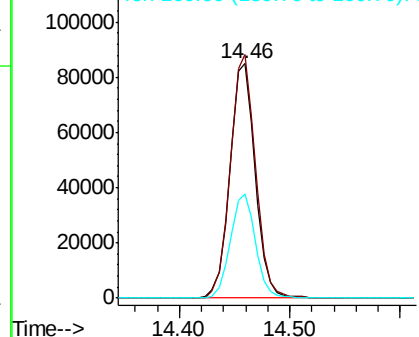


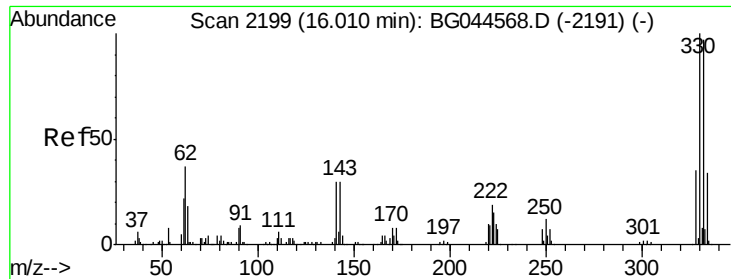
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1935
 Delta R.T. -0.06 min
 Lab File: BG044670.D
 Acq: 3 Mar 2020 20:11

Tgt Ion:164 Resp: 136446
 Ion Ratio Lower Upper
 164 100
 162 104.0 83.6 125.4
 160 44.3 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

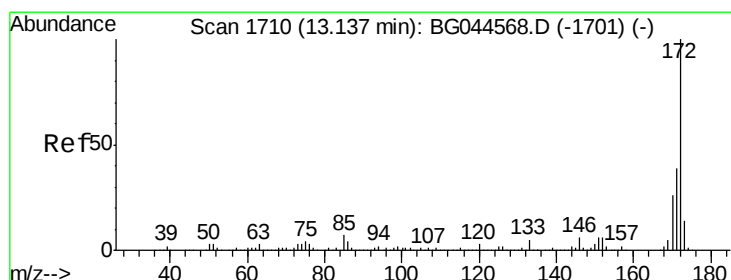
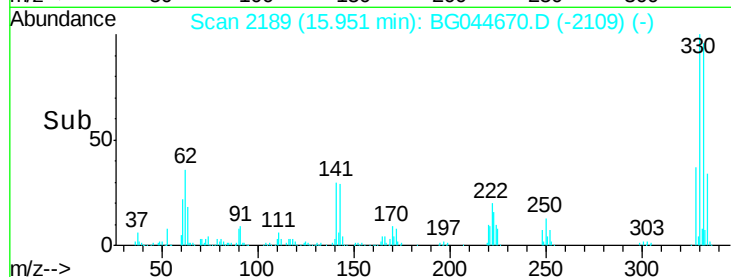
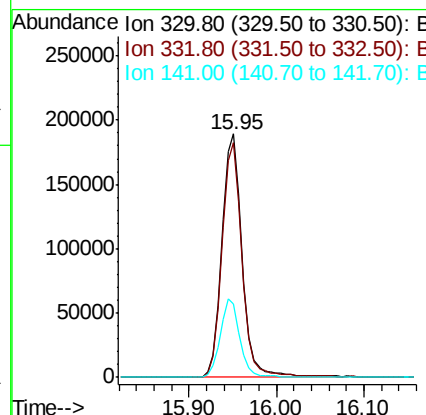
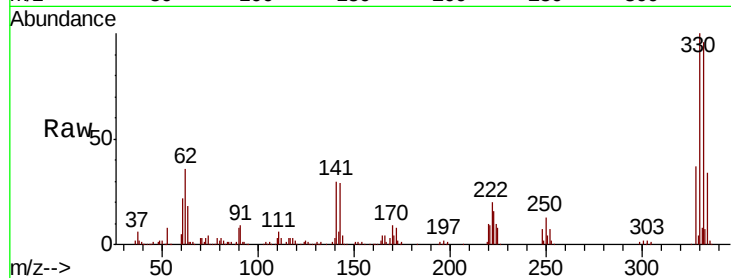




#42
 2,4,6-Tribromophenol
 Concen: 157.208 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.06 min
 Lab File: BG044670.D
 Acq: 3 Mar 2020 20:11

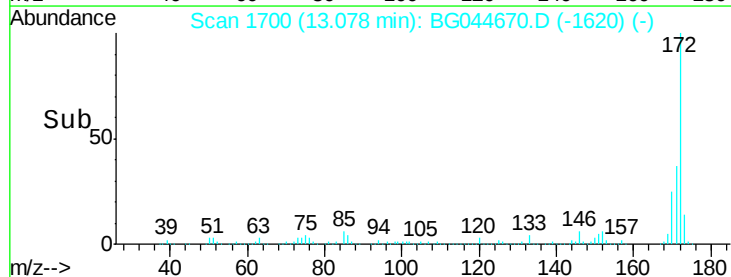
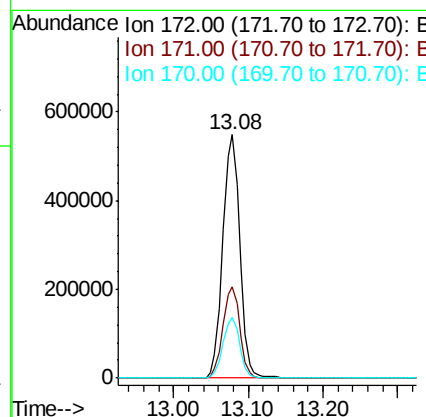
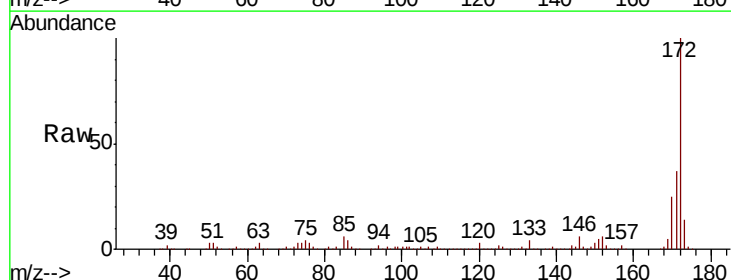
Instrument :
 BNA_G
 ClientSampled :

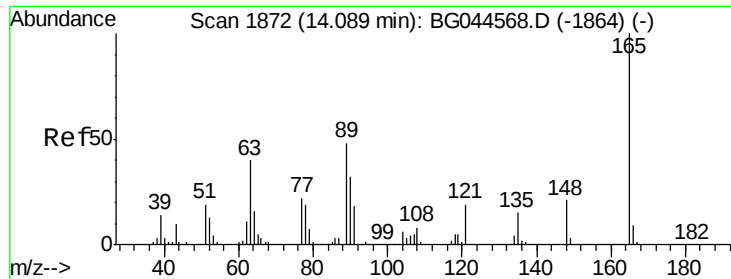
Tot Ion:330 Resp: 304149
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.0
 141 31.3 26.1 39.1



#45
 2-Fluorobiphenyl
 Concen: 91.345 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.06 min
 Lab File: BG044670.D
 Acq: 3 Mar 2020 20:11

Tgt Ion:172 Resp: 870374
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.3 46.9
 170 25.1 21.0 31.4

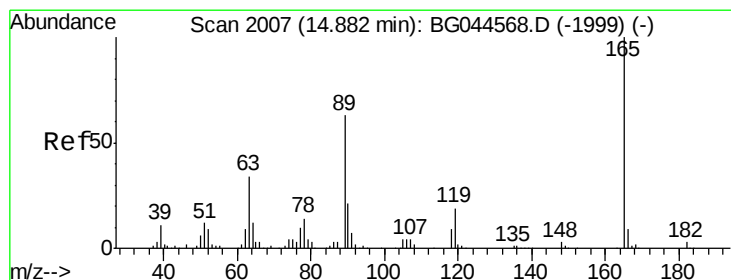
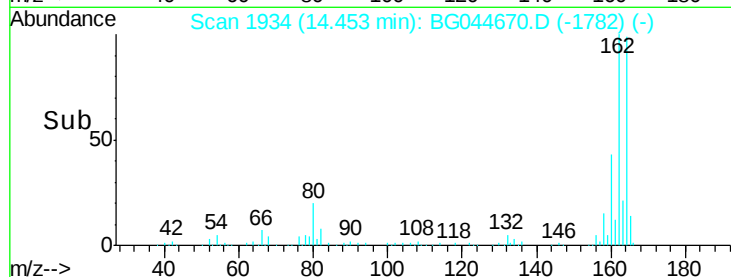
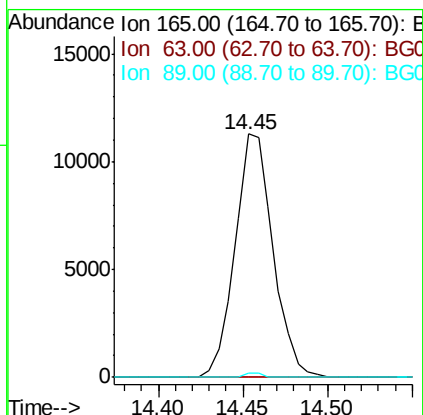
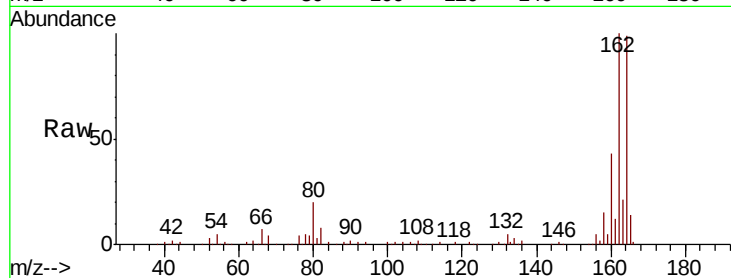




#51
 2,6-Dinitrotoluene
 Concen: 7.248 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. 0.36 min
 Lab File: BG044670.D
 Acq: 3 Mar 2020 20:11

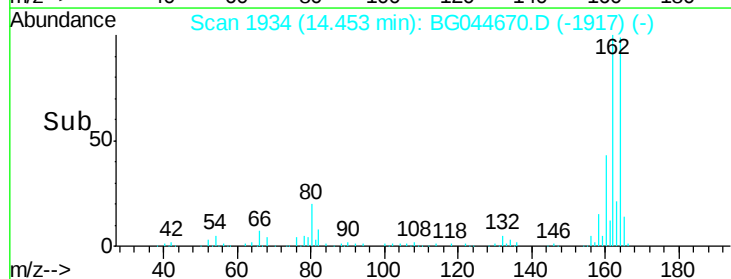
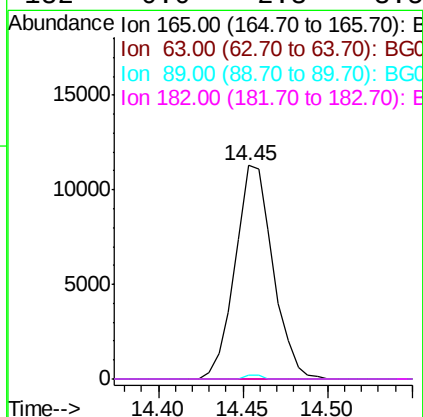
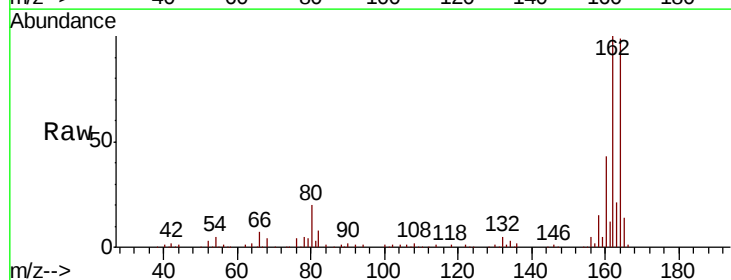
Instrument :
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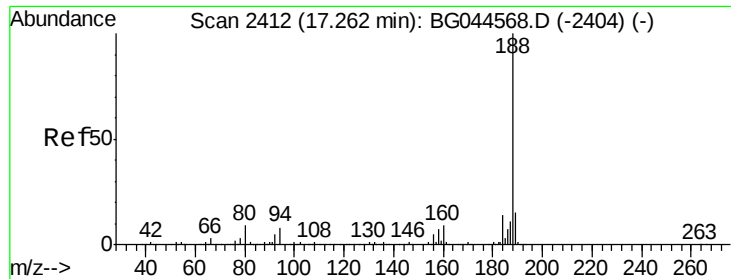
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.8	53.6#
89	1.5	38.7	58.1#



#57
 2,4-Dinitrotoluene
 Concen: 5.155 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. -0.43 min
 Lab File: BG044670.D
 Acq: 3 Mar 2020 20:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	27.5	41.3#
89	1.5	50.0	75.0#
182	0.0	2.3	3.5#

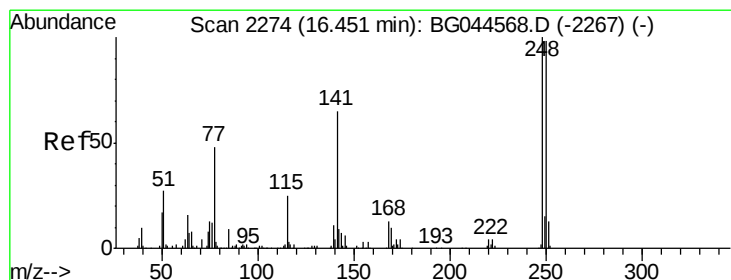
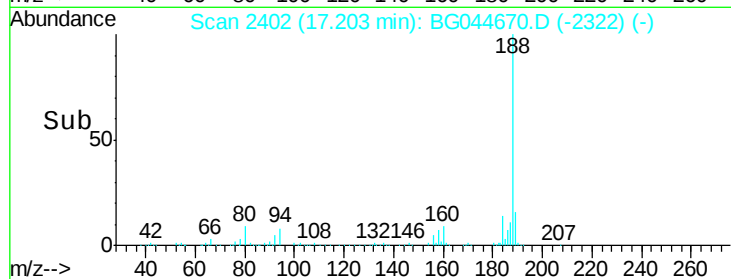
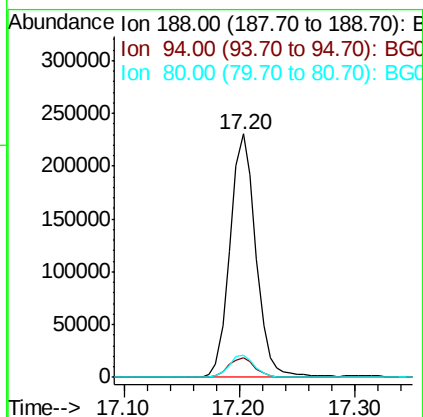
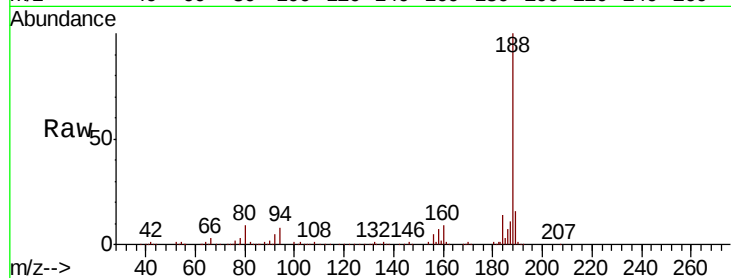




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2402
Delta R.T. -0.06 min
Lab File: BG044670.D
Acq: 3 Mar 2020 20:11

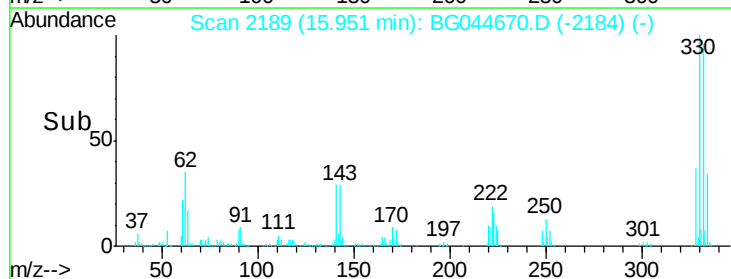
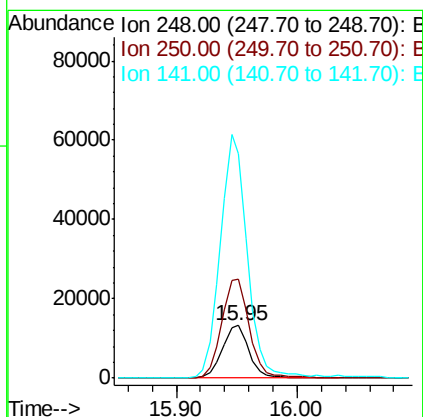
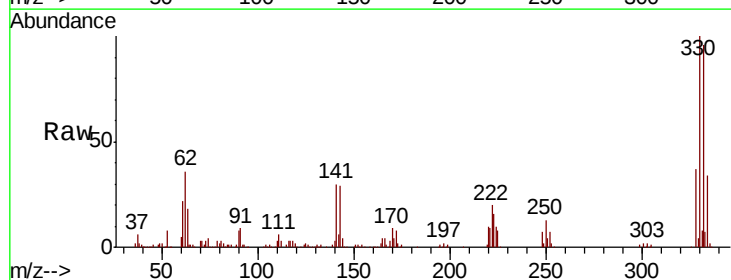
Instrument :
BNA_G
ClientSampleId :

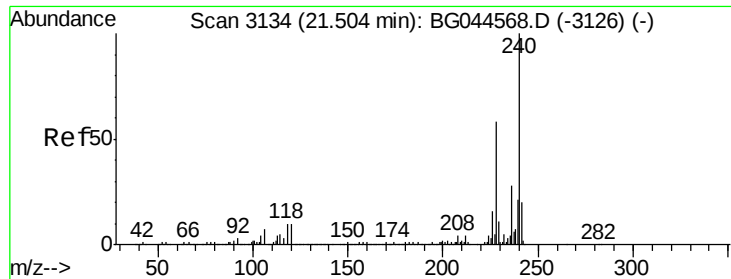
Tot Ion:188 Resp: 358508
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 9.0 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.562 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.50 min
Lab File: BG044670.D
Acq: 3 Mar 2020 20:11

Tgt Ion:248 Resp: 20301
Ion Ratio Lower Upper
248 100
250 188.2 78.7 118.1#
141 428.8 52.3 78.5#

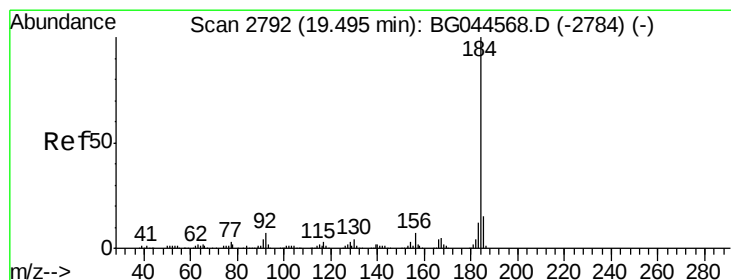
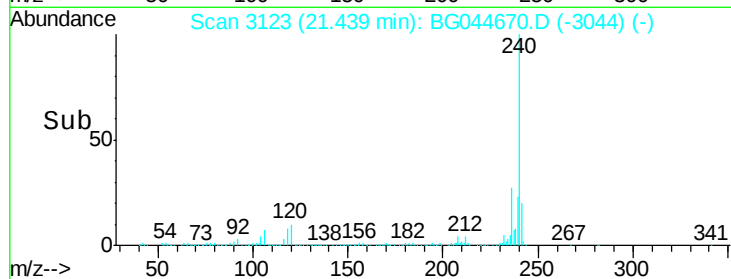
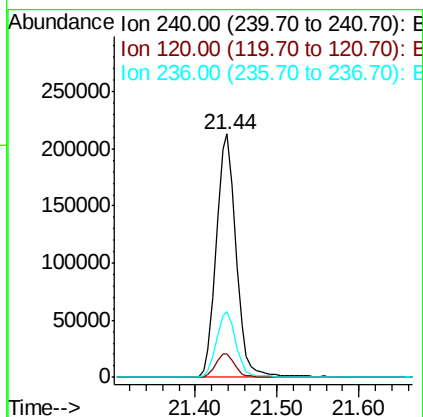
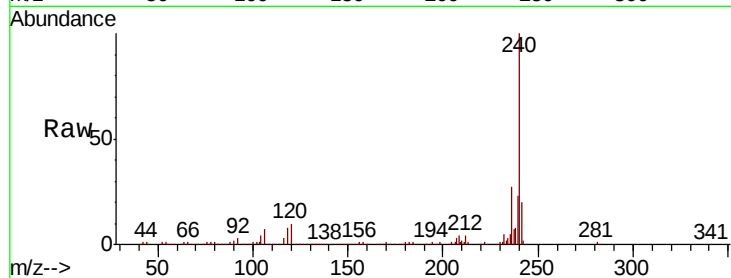




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.44 min Scan# 3123
Delta R.T. -0.06 min
Lab File: BG044670.D
Acq: 3 Mar 2020 20:11

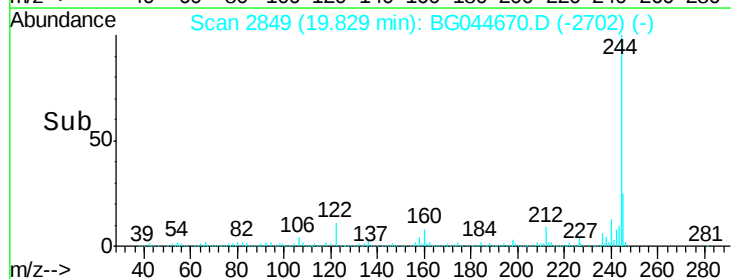
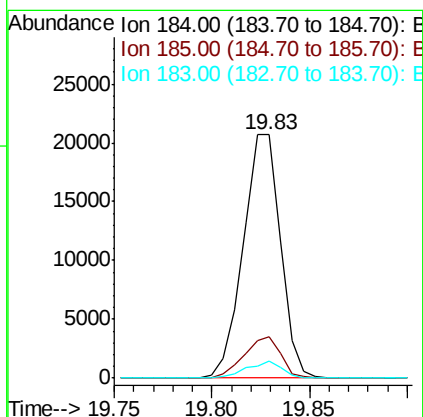
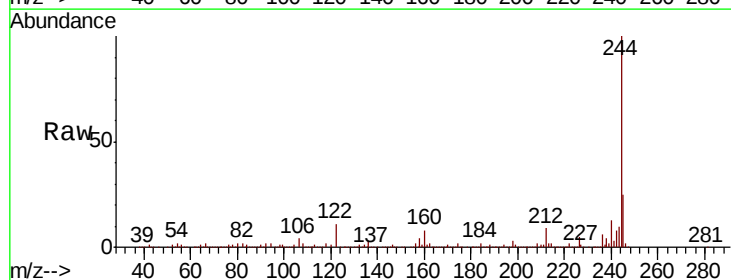
Instrument :
BNA_G
ClientSampleId :

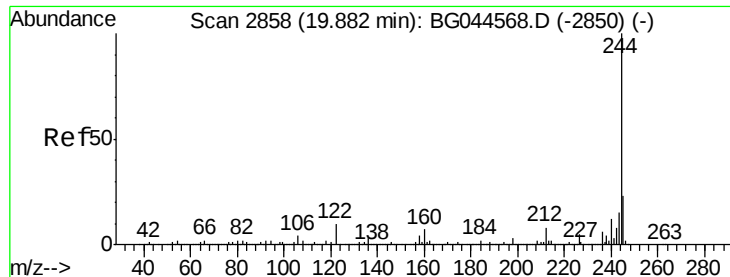
Tot Ion:240 Resp: 362402
Ion Ratio Lower Upper
240 100
120 9.5 8.3 12.5
236 26.9 22.3 33.5



#77
Benzidine
Concen: 2.210 ng
RT: 19.83 min Scan# 2849
Delta R.T. 0.33 min
Lab File: BG044670.D
Acq: 3 Mar 2020 20:11

Tgt Ion:184 Resp: 27441
Ion Ratio Lower Upper
184 100
185 17.2 12.2 18.4
183 7.1 9.9 14.9#





#79

Terphenyl-d14

Concen: 91.683 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.05 min

Lab File: BG044670.D

Acq: 3 Mar 2020 20:11

Instrument :

BNA_G

ClientSampleId :

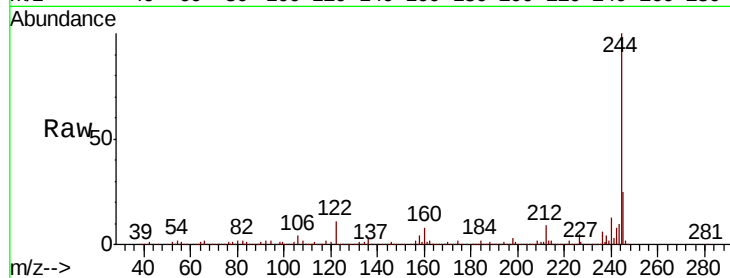
Tot Ion:244 Resp: 1755139

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.5	9.7
122	11.1	8.2	12.4

244 100

212 8.9 6.5 9.7

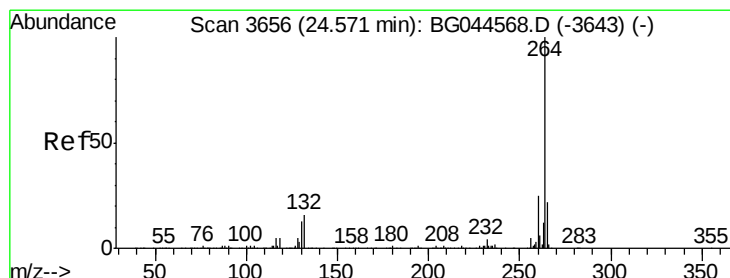
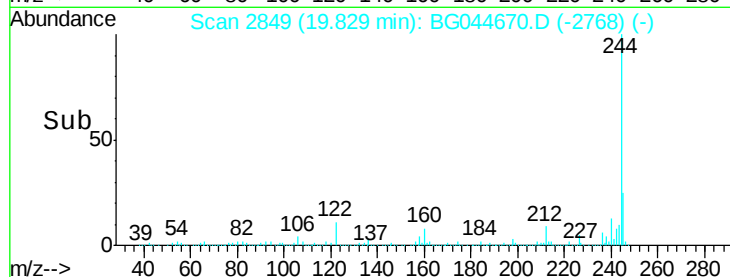
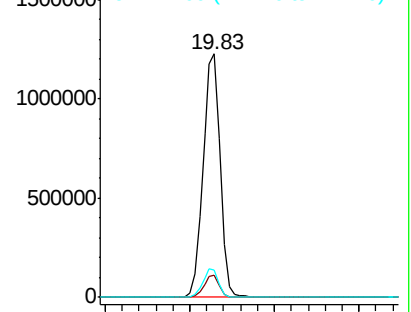
122 11.1 8.2 12.4



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: 24.46 min Scan# 3637

Delta R.T. -0.11 min

Lab File: BG044670.D

Acq: 3 Mar 2020 20:11

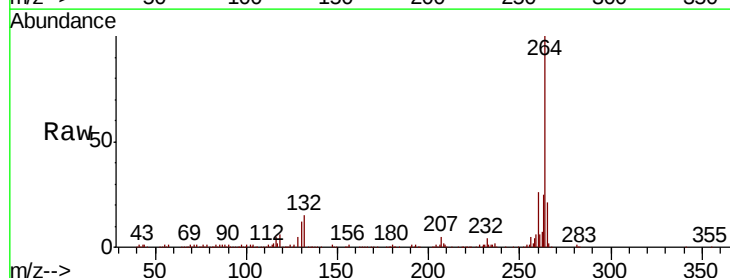
Tgt Ion:264 Resp: 301684

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.7	29.5
265	21.3	17.8	26.8

264 100

260 25.5 19.7 29.5

265 21.3 17.8 26.8



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

