

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
 Data File : BG044676.D
 Acq On : 4 Mar 2020 00:10
 Operator : CG/JU
 Sample : L1762-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 04 03:48:04 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	7.81	152	72396	20.00	ng	-0.06
21) Naphthalene-d8	10.60	136	316804	20.00	ng	-0.07
39) Acenaphthene-d10	14.45	164	194874	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	390464	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	354616	20.00	ng	-0.06
87) Perylene-d12	24.46	264	406027	20.00	ng	-0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	450456	99.83	ng	-0.06
7) Phenol-d6	6.99	99	611306	98.98	ng	-0.06
23) Nitrobenzene-d5	8.96	82	369859	60.15	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	230043	83.25	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	832956	61.21	ng	-0.06
79) Terphenyl-d14	19.84	244	1122582	59.93	ng	-0.04

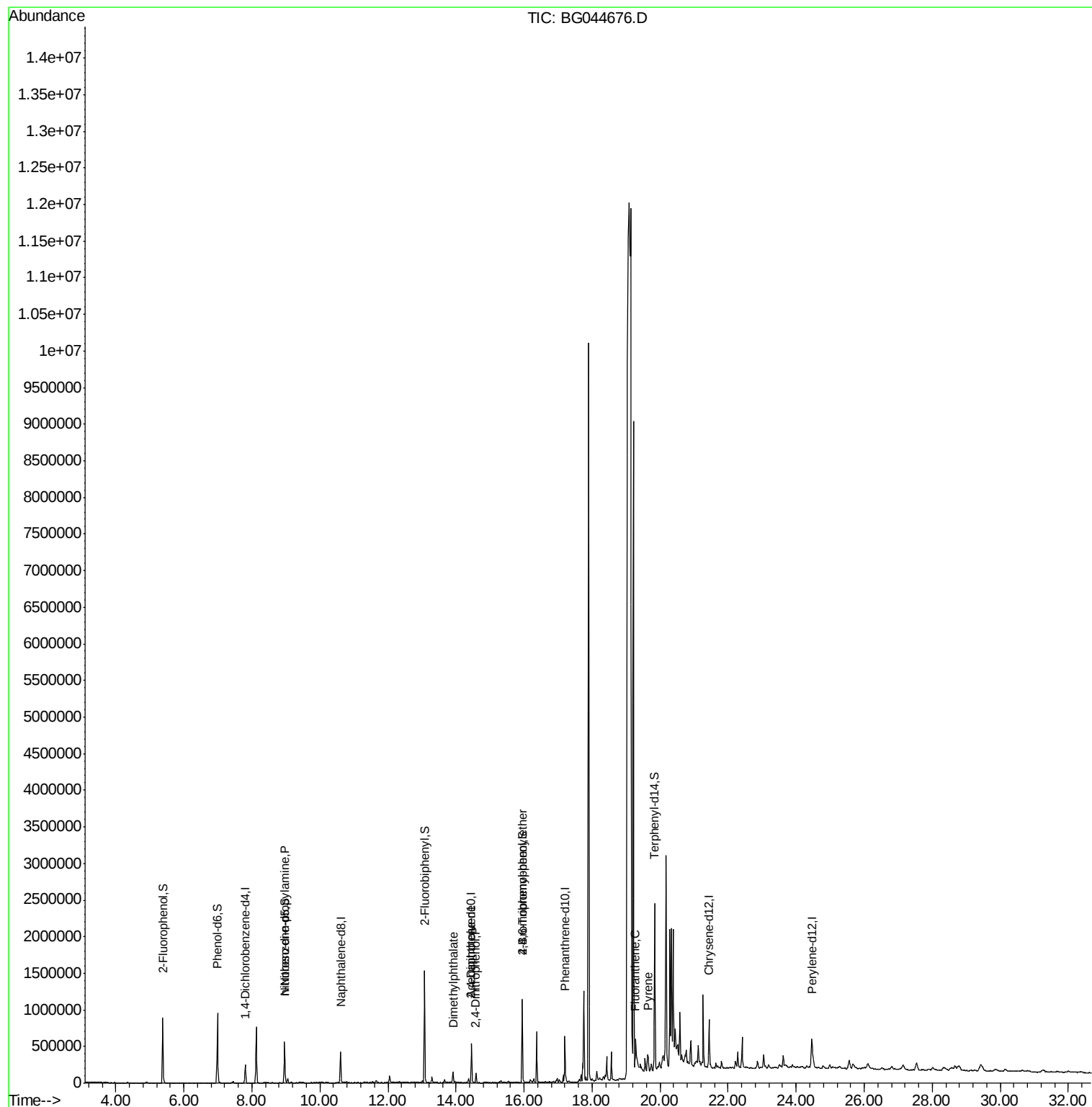
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	8.96	70	48093	12.114	ng	# 76
50) Dimethylphthalate	13.91	163	104599	6.650	ng	98
54) 2,4-Dinitrophenol	14.59	184	349	9.518	ng	# 25
57) 2,4-Dinitrotoluene	14.45	165	25997	5.330	ng	# 29
67) 4-Bromophenyl-phenylether	15.95	248	15489	3.196	ng	# 1
75) Fluoranthene	19.27	202	55736	2.178	ng	97
78) Pyrene	19.63	202	53907	2.094	ng	99

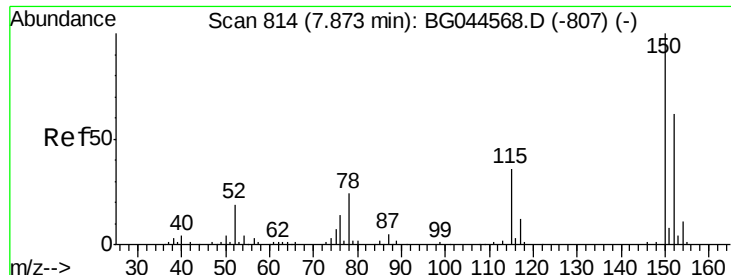
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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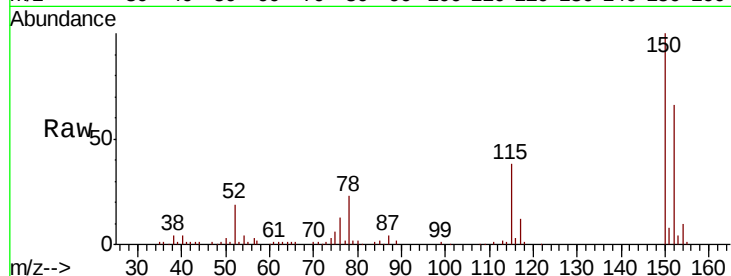


#1

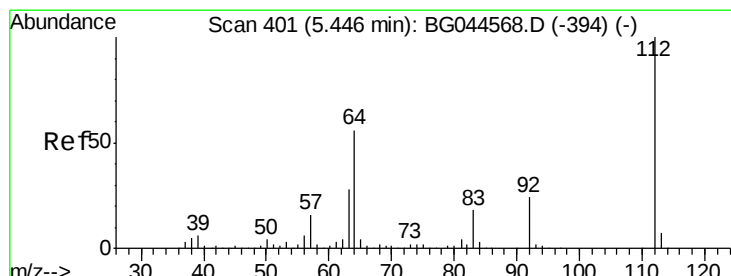
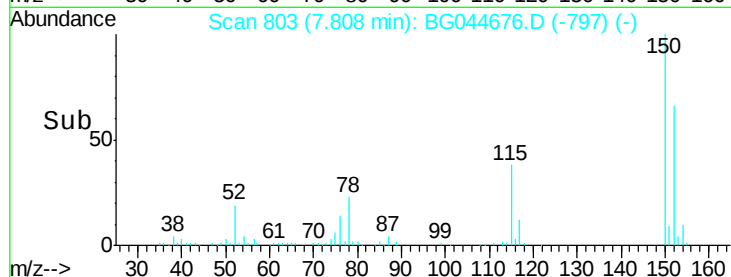
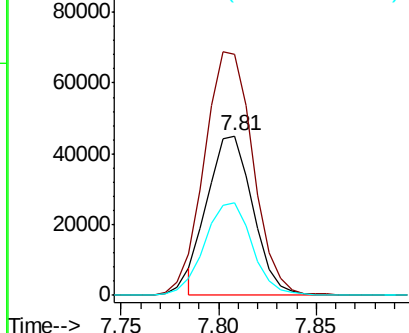
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.81 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BG044676.D
 Acq: 4 Mar 2020 00:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 72396
 Ion Ratio Lower Upper
 152 100
 150 150.8 128.9 193.3
 115 57.9 47.0 70.4



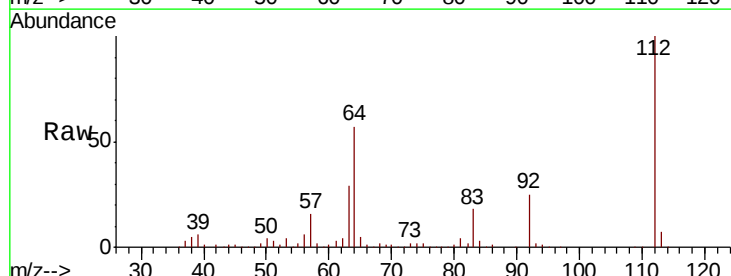
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



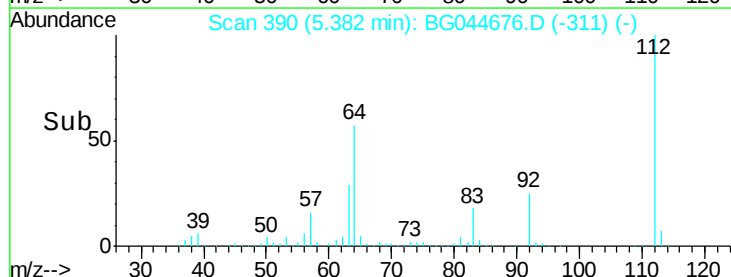
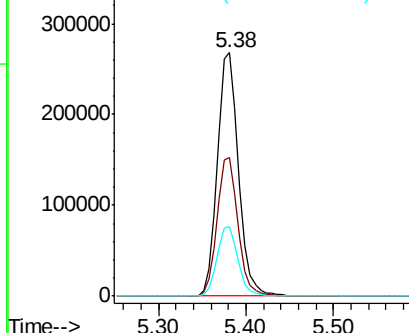
#5

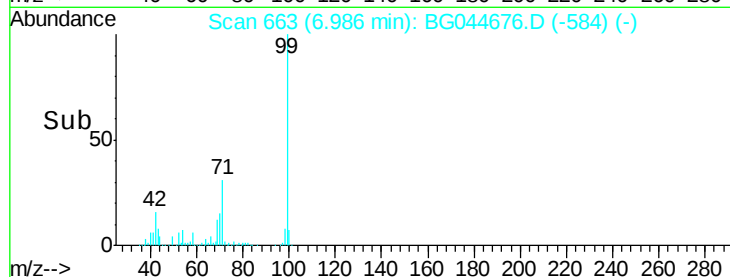
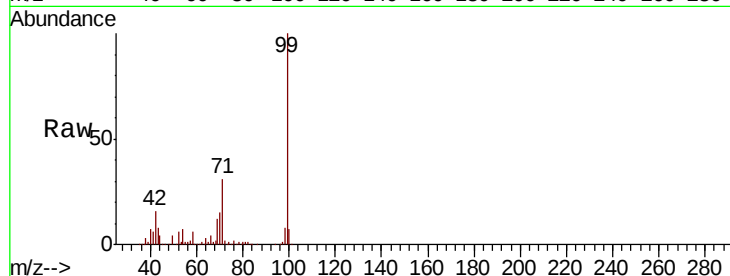
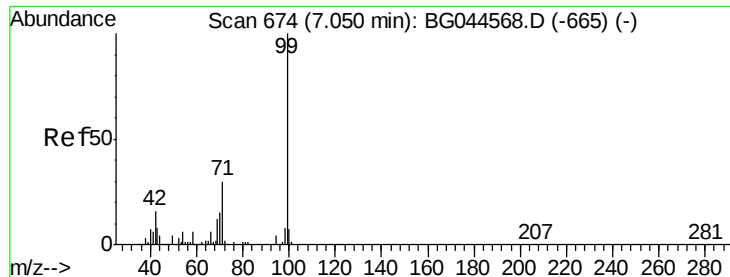
2-Fluorophenol
 Concen: 99.832 ng
 RT: 5.38 min Scan# 390
 Delta R.T. -0.06 min
 Lab File: BG044676.D
 Acq: 4 Mar 2020 00:10

Tgt Ion:112 Resp: 450456
 Ion Ratio Lower Upper
 112 100
 64 56.8 44.8 67.2
 63 28.6 22.3 33.5



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: 98.977 ng

RT: 6.99 min Scan# 663

Delta R.T. -0.06 min

Lab File: BG044676.D

Acq: 4 Mar 2020 00:10

Instrument :

BNA_G

ClientSampleId :

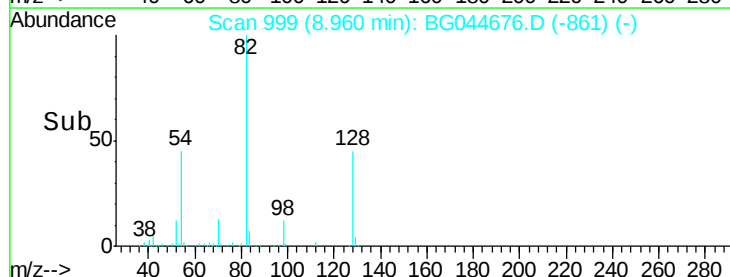
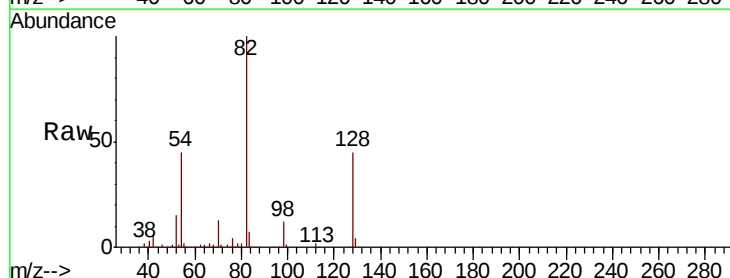
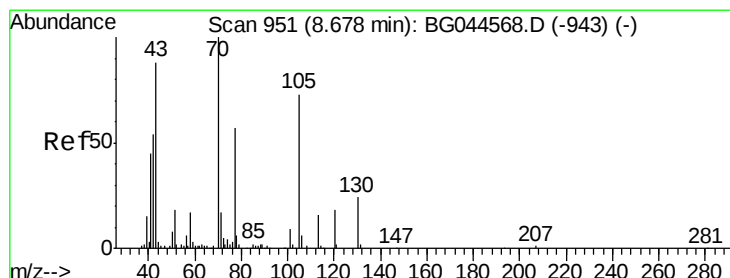
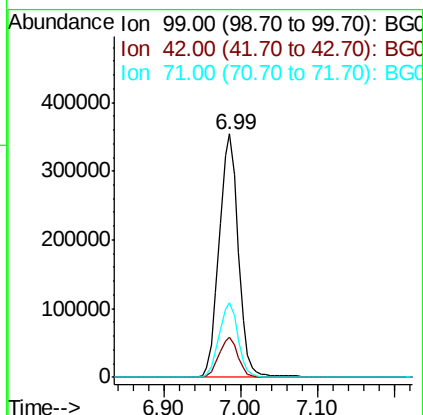
Tot Ion: 99 Resp: 611306

Ion Ratio Lower Upper

99 100

42 16.4 12.8 19.2

71 30.6 24.4 36.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.114 ng

RT: 8.96 min Scan# 999

Delta R.T. 0.28 min

Lab File: BG044676.D

Acq: 4 Mar 2020 00:10

Tgt Ion: 70 Resp: 48093

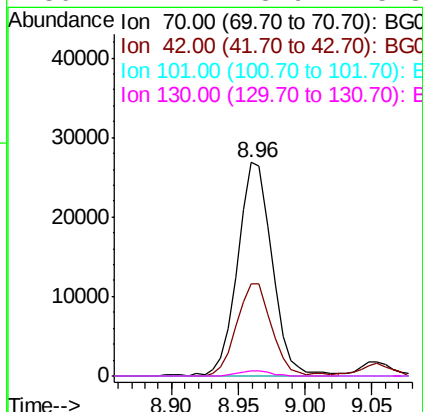
Ion Ratio Lower Upper

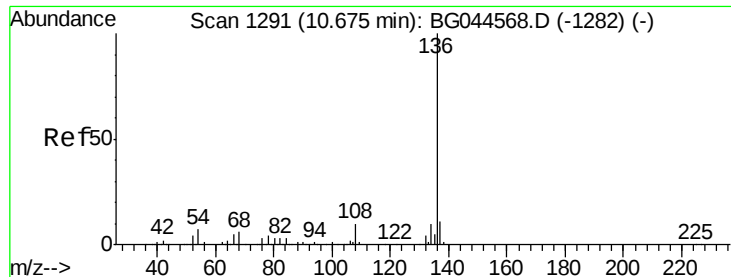
70 100

42 43.3 43.4 65.0#

101 0.0 7.5 11.3#

130 2.2 18.9 28.3#

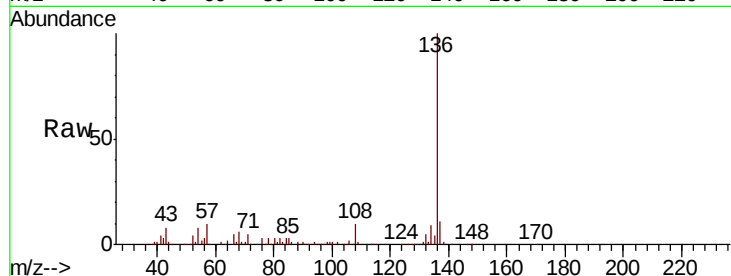




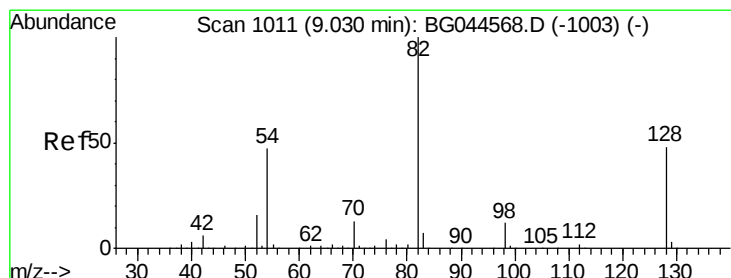
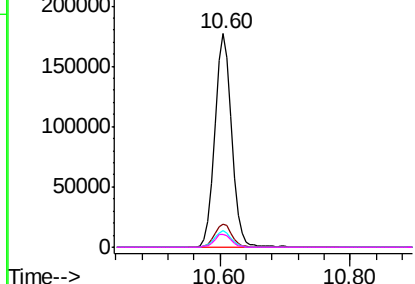
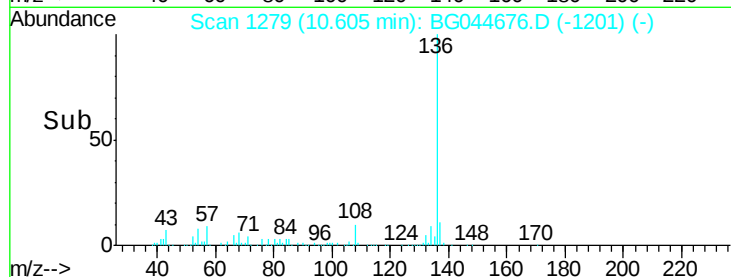
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BG044676.D
Acq: 4 Mar 2020 00:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	316804
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	8.0	5.7 8.5
68	6.2	4.5 6.7

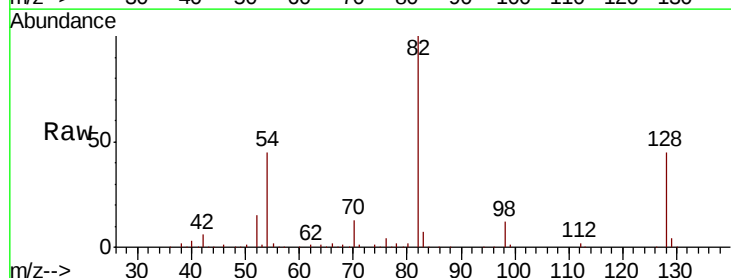


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

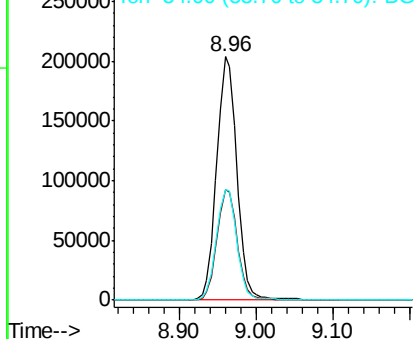
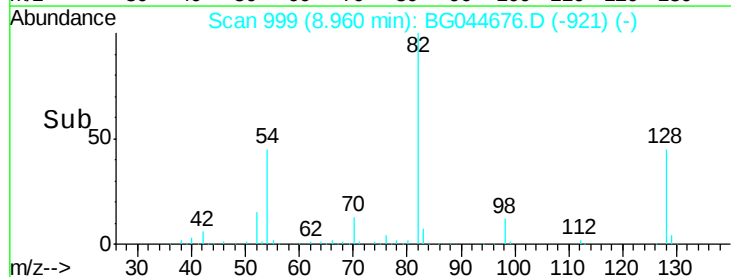


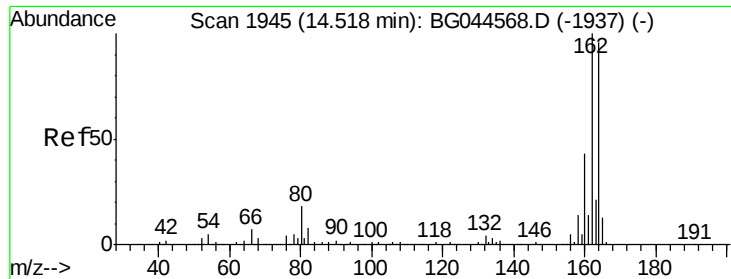
#23
Nitrobenzene-d5
Concen: 60.146 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.07 min
Lab File: BG044676.D
Acq: 4 Mar 2020 00:10

Tgt Ion: 82	Resp:	369859
Ion	Ratio	Lower Upper
82	100	
128	45.2	38.1 57.1
54	45.3	37.5 56.3



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.45 min Scan# 1934

Delta R.T. -0.06 min

Lab File: BG044676.D

Acq: 4 Mar 2020 00:10

Instrument :

BNA_G

ClientSampleId :

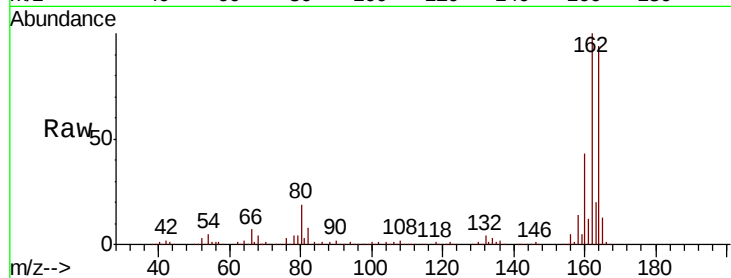
Tot Ion:164 Resp: 194874

Ion Ratio Lower Upper

164 100

162 106.1 83.6 125.4

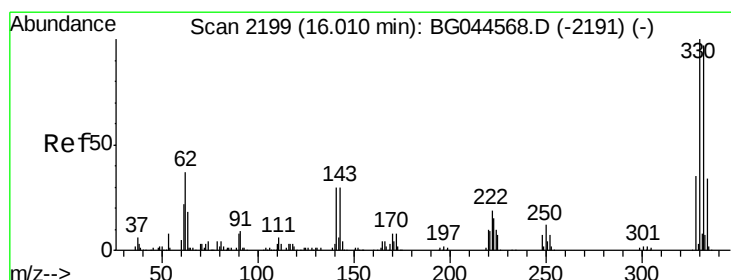
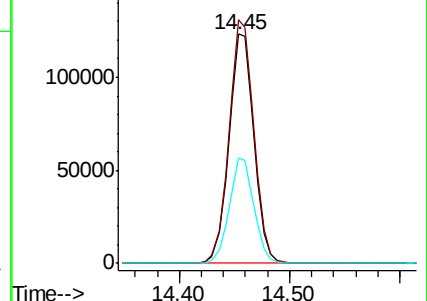
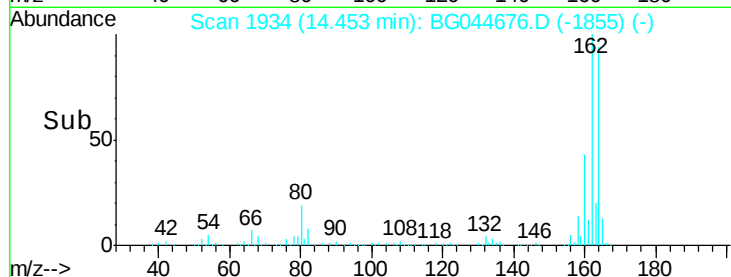
160 46.1 36.2 54.4



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: 83.254 ng

RT: 15.95 min Scan# 2188

Delta R.T. -0.06 min

Lab File: BG044676.D

Acq: 4 Mar 2020 00:10

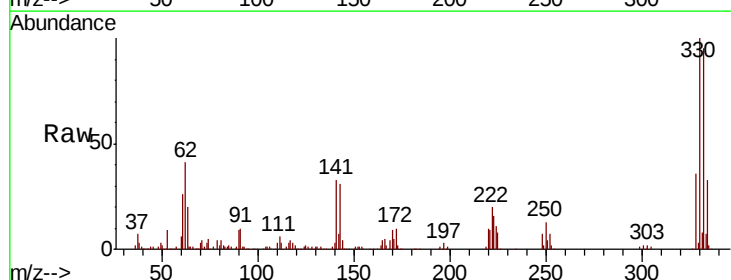
Tgt Ion:330 Resp: 230043

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

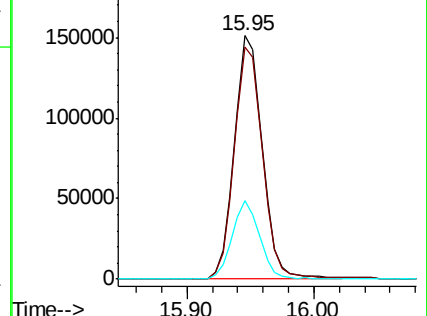
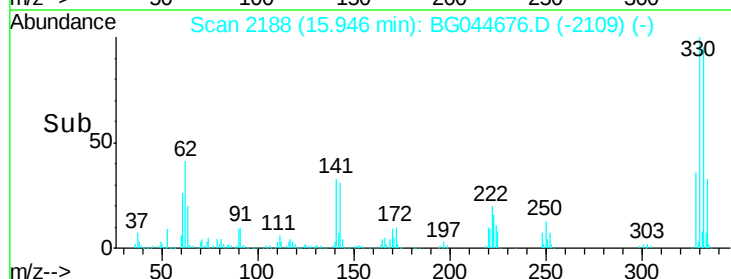
141 32.3 26.1 39.1

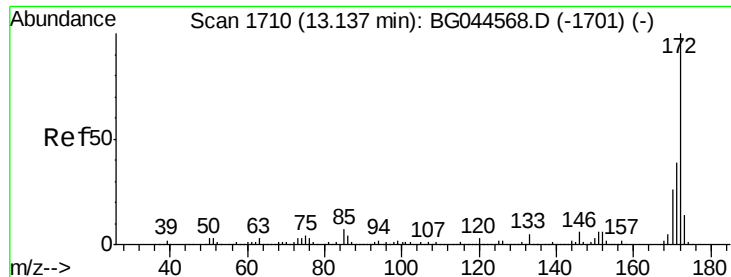


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



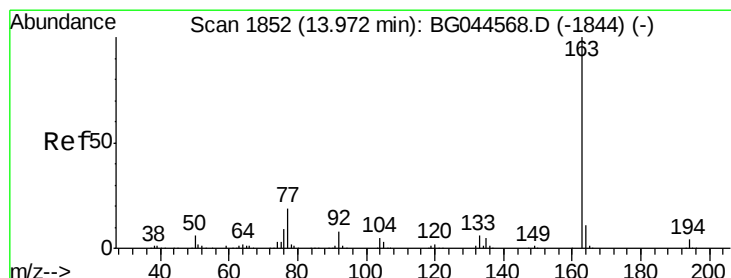
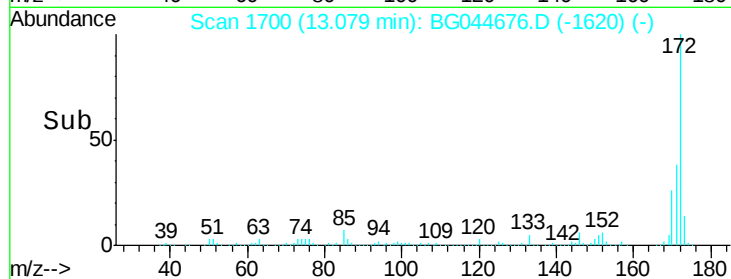
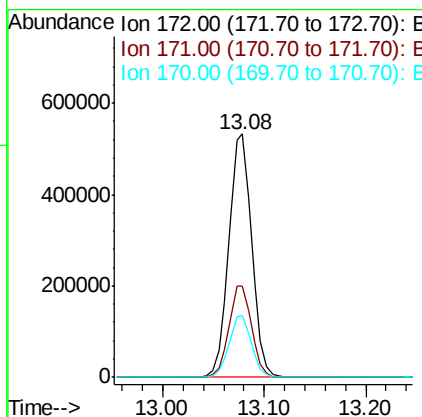
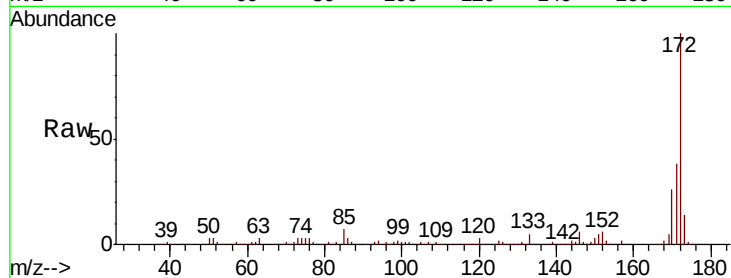


#45
 2-Fluorobiphenyl
 Concen: 61.208 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.06 min
 Lab File: BG044676.D
 Acq: 4 Mar 2020 00:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 832956

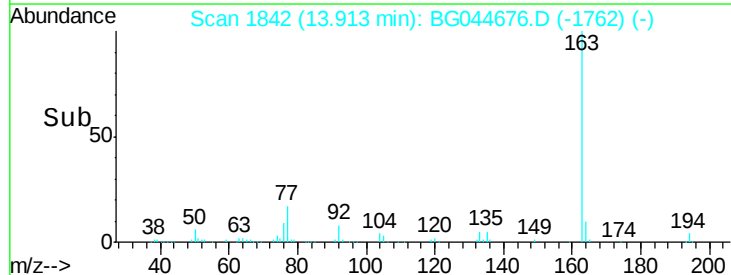
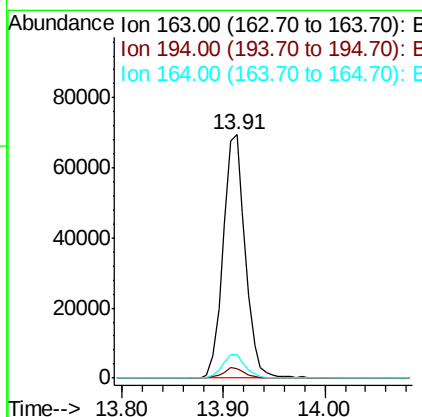
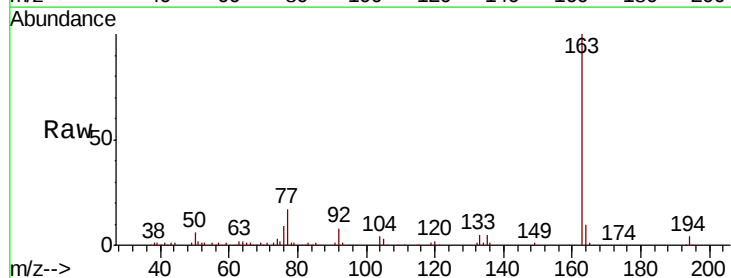
Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	25.7	21.0	31.4

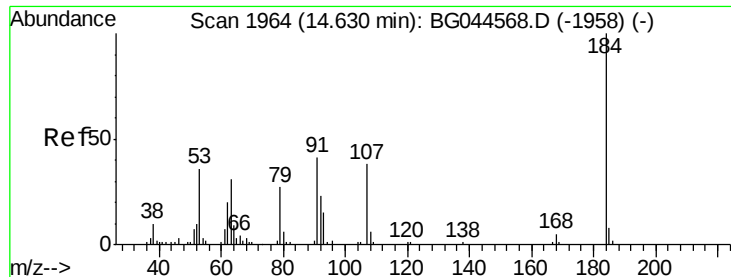


#50
 Dimethylphthalate
 Concen: 6.650 ng
 RT: 13.91 min Scan# 1842
 Delta R.T. -0.06 min
 Lab File: BG044676.D
 Acq: 4 Mar 2020 00:10

Tgt Ion:163 Resp: 104599

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	9.8	8.7	13.1

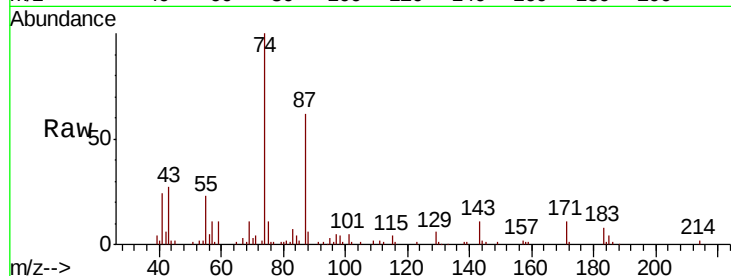




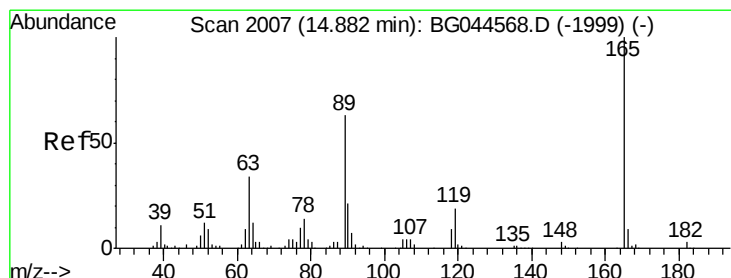
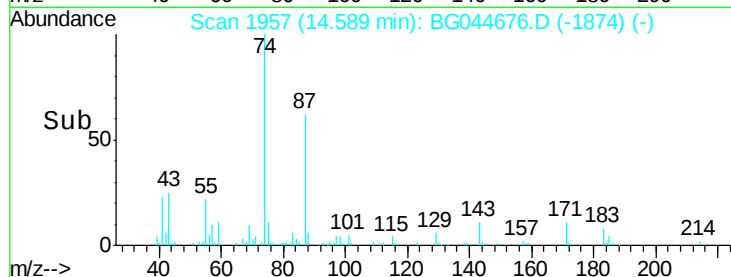
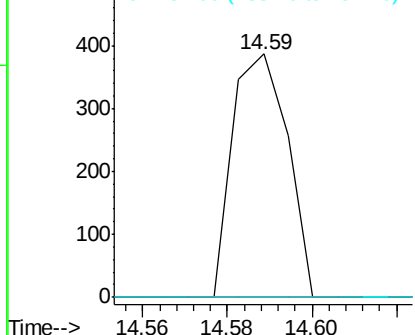
#54
2,4-Dinitrophenol
Concen: 9.518 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.04 min
Lab File: BG044676.D
Acq: 4 Mar 2020 00:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 349
Ion Ratio Lower Upper
184 100
63 0.0 42.1 63.1#
154 0.0 43.4 65.2#

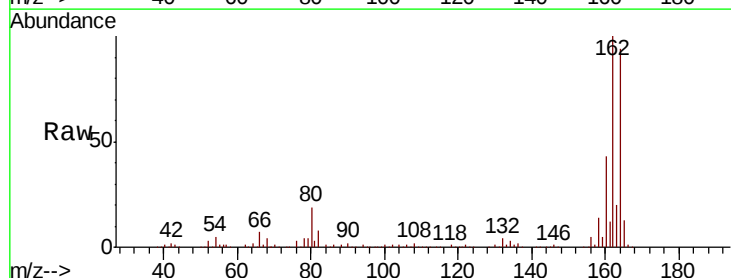


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

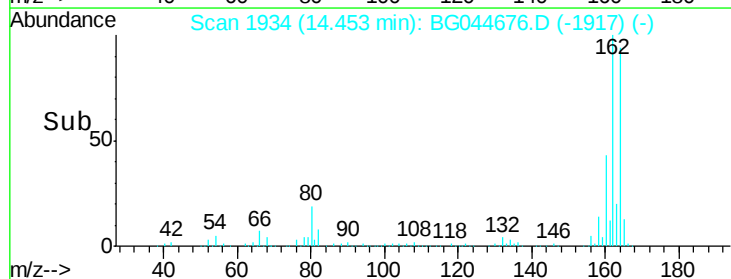
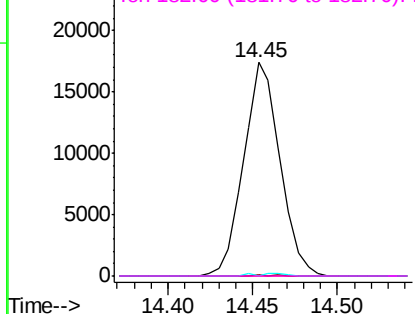


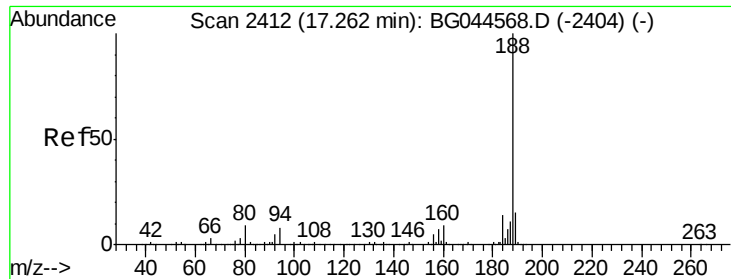
#57
2,4-Dinitrotoluene
Concen: 5.330 ng
RT: 14.45 min Scan# 1934
Delta R.T. -0.43 min
Lab File: BG044676.D
Acq: 4 Mar 2020 00:10

Tgt Ion:165 Resp: 25997
Ion Ratio Lower Upper
165 100
63 0.9 27.5 41.3#
89 0.0 50.0 75.0#
182 0.0 2.3 3.5#



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

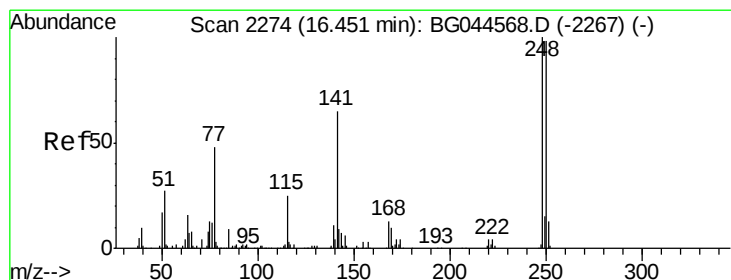
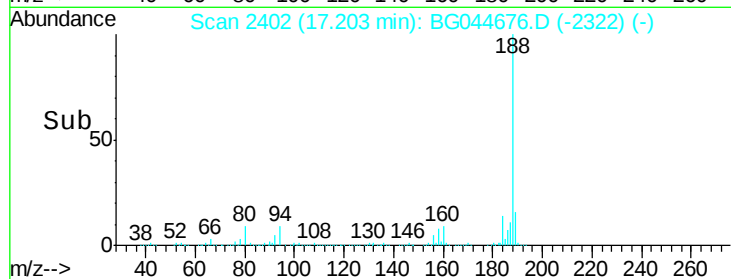
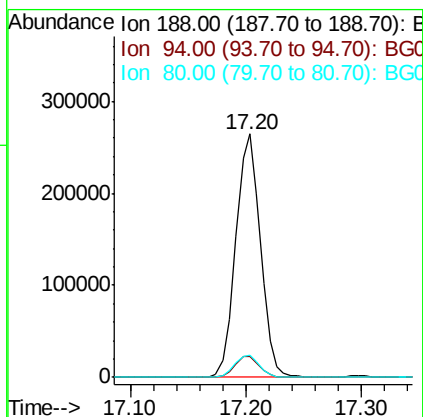
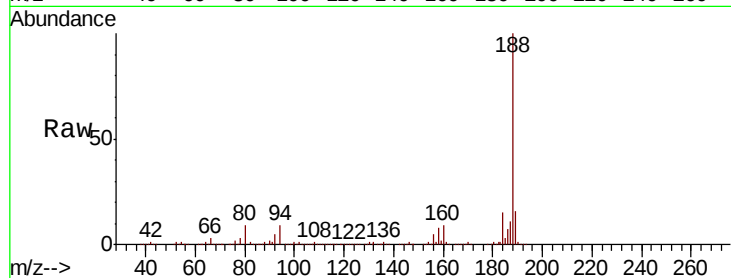




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2402
Delta R.T. -0.06 min
Lab File: BG044676.D
Acq: 4 Mar 2020 00:10

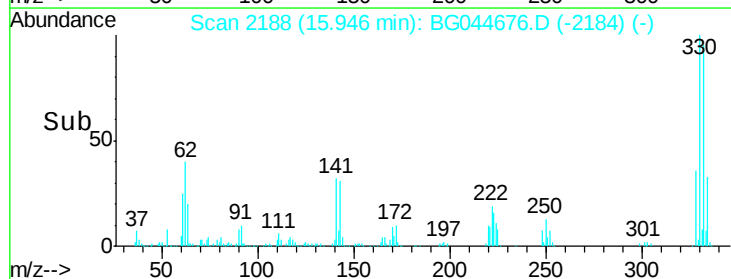
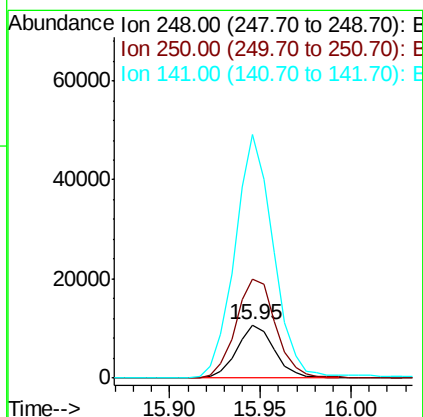
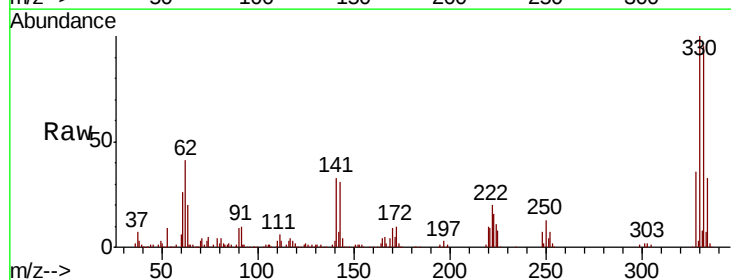
Instrument :
BNA_G
ClientSampleId :

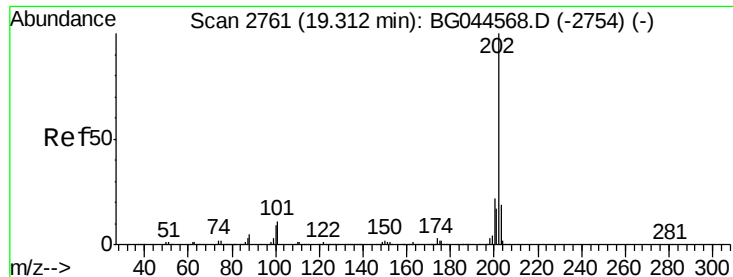
Tot Ion:188 Resp: 390464
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.1 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.196 ng
RT: 15.95 min Scan# 2188
Delta R.T. -0.51 min
Lab File: BG044676.D
Acq: 4 Mar 2020 00:10

Tgt Ion:248 Resp: 15489
Ion Ratio Lower Upper
248 100
250 185.3 78.7 118.1#
141 457.4 52.3 78.5#





#75

Fluoranthene

Concen: 2.178 ng

RT: 19.27 min Scan# 2753

Delta R.T. -0.05 min

Lab File: BG044676.D

Acq: 4 Mar 2020 00:10

Instrument :

BNA_G

ClientSampleId :

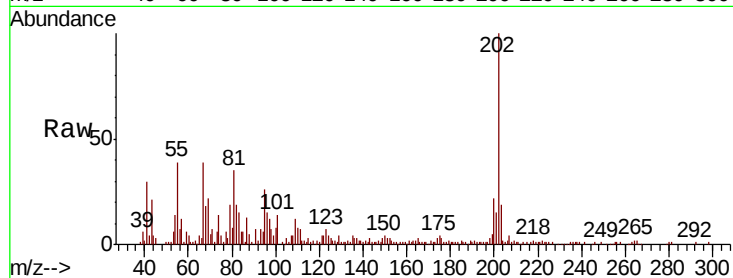
Tot Ion:202 Resp: 55736

Ion Ratio Lower Upper

202 100

101 13.6 0.0 31.0

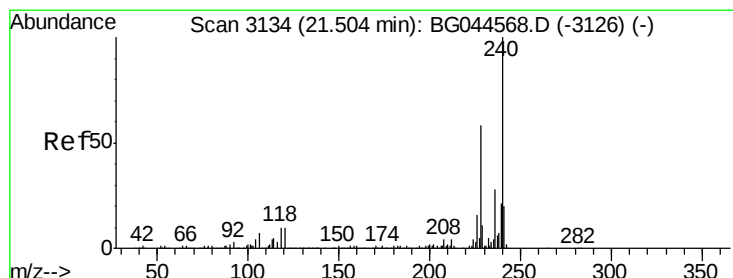
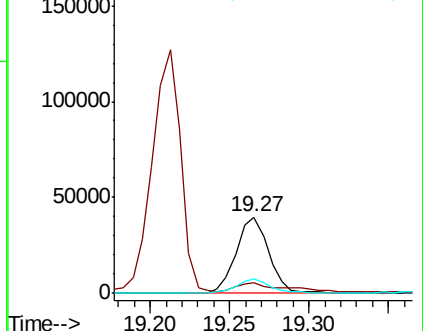
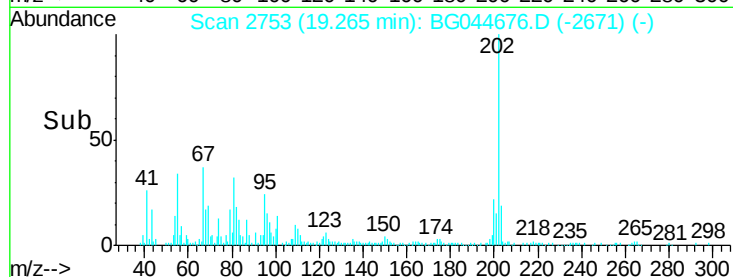
203 19.5 0.0 39.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.44 min Scan# 3123

Delta R.T. -0.06 min

Lab File: BG044676.D

Acq: 4 Mar 2020 00:10

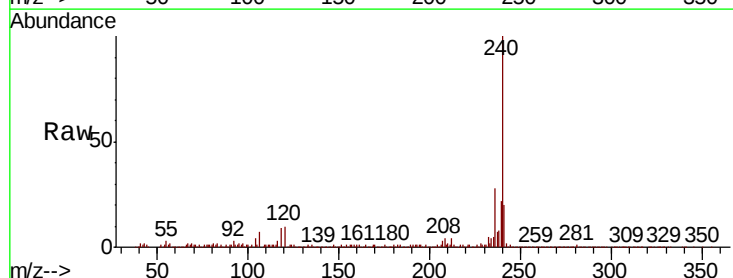
Tgt Ion:240 Resp: 354616

Ion Ratio Lower Upper

240 100

120 9.8 8.3 12.5

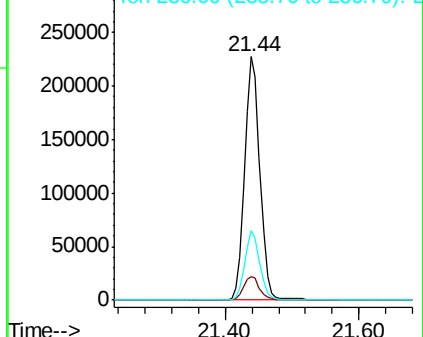
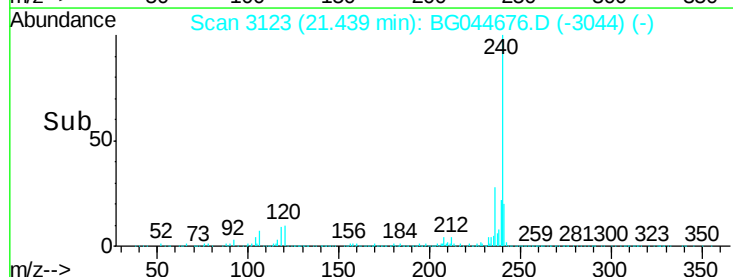
236 28.3 22.3 33.5

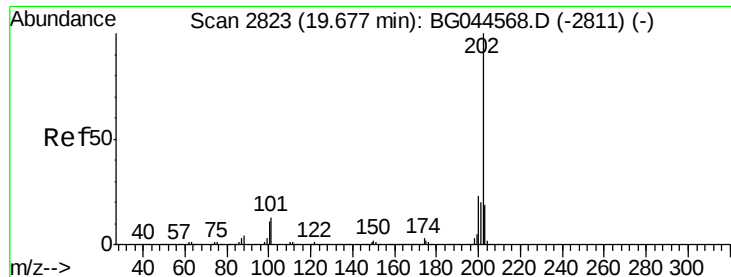


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.094 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.05 min

Lab File: BG044676.D

Acq: 4 Mar 2020 00:10

Instrument :

BNA_G

ClientSampleId :

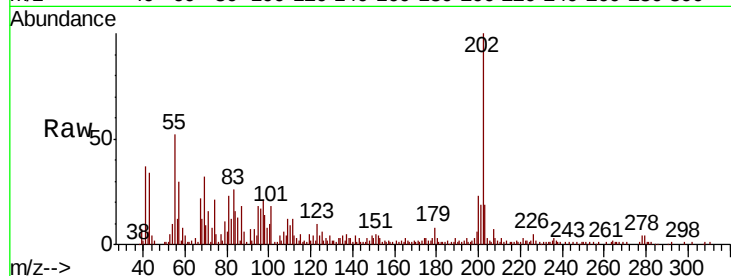
Tot Ion:202 Resp: 53907

Ion Ratio Lower Upper

202 100

200 22.5 18.6 28.0

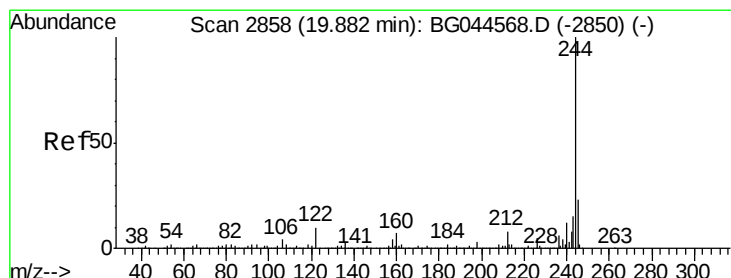
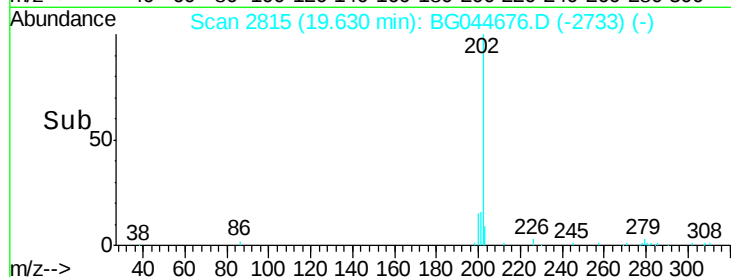
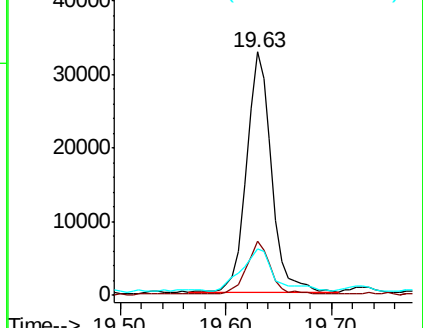
203 19.0 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 59.927 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.04 min

Lab File: BG044676.D

Acq: 4 Mar 2020 00:10

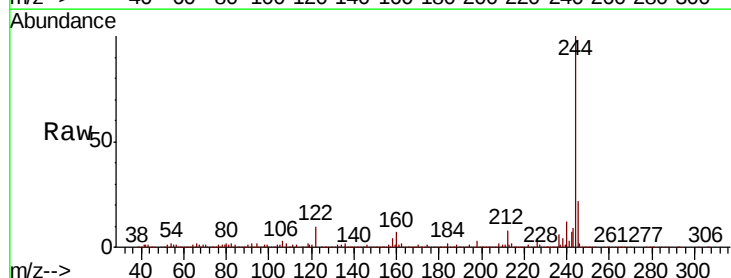
Tgt Ion:244 Resp: 1122582

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

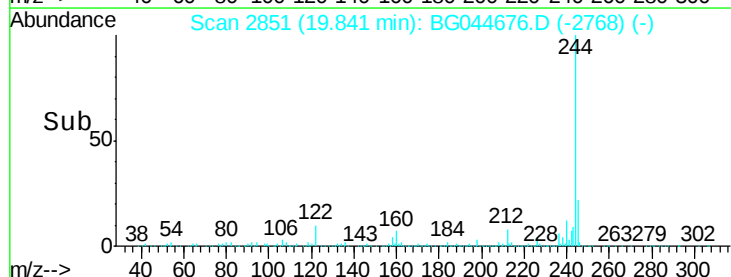
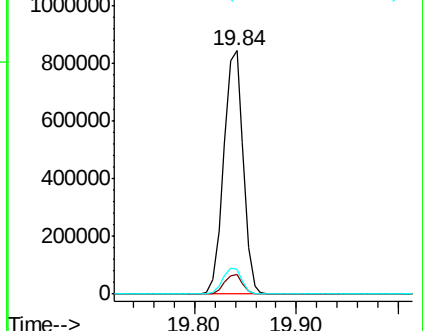
122 10.2 8.2 12.4

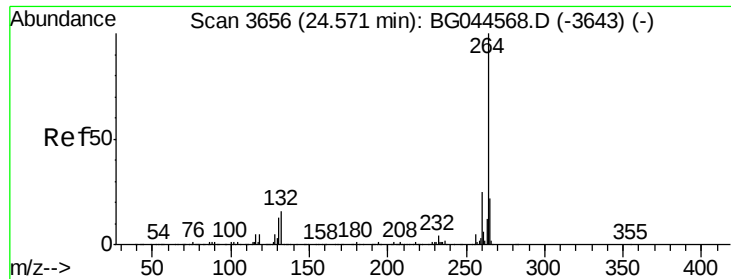


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

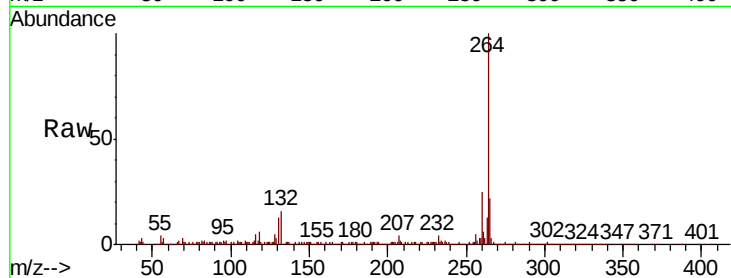




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.46 min Scan# 3637
Delta R.T. -0.11 min
Lab File: BG044676.D
Acq: 4 Mar 2020 00:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	406027
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	22.1	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

