

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
 Data File : BG044602.D
 Acq On : 26 Feb 2020 13:53
 Operator : CG/JU
 Sample : PB127090BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 27 06:41:48 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	7.87	152	53558	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	222504	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	146134	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	364002	20.00	ng	0.00
76) Chrysene-d12	21.50	240	379608	20.00	ng	0.00
87) Perylene-d12	24.56	264	386953	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	486965	145.88	ng	0.00
7) Phenol-d6	7.05	99	623427	136.44	ng	0.00
23) Nitrobenzene-d5	9.03	82	368459	85.31	ng	0.00
42) 2,4,6-Tribromophenol	16.00	330	284281	137.20	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	881099	86.34	ng	0.00
79) Terphenyl-d14	19.88	244	1657794	82.67	ng	0.00

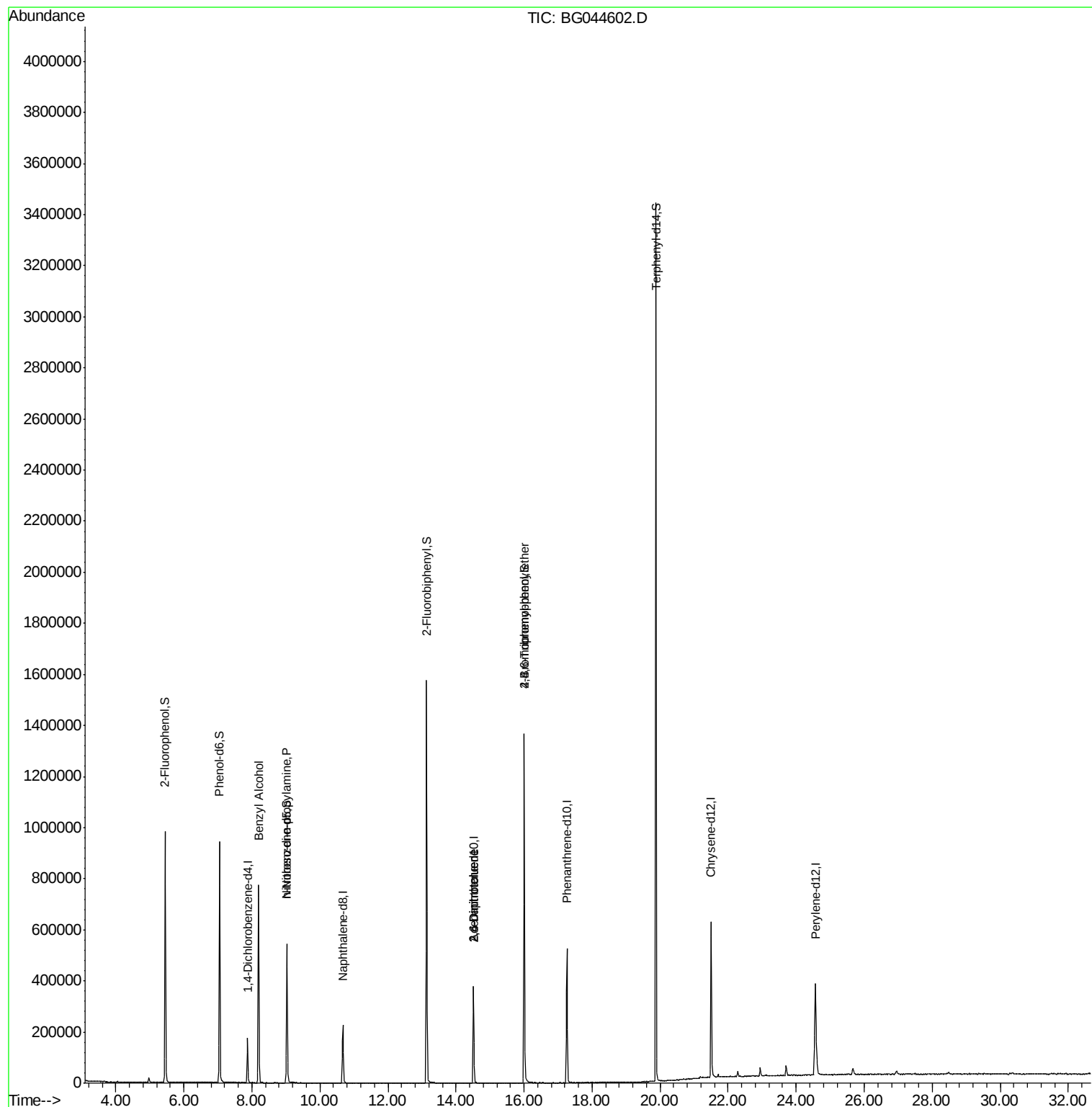
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	8.20	79	6322	2.052	ng	# 46
19) n-Nitroso-di-n-propylamine	9.03	70	46671	15.891	ng	# 79
51) 2,6-Dinitrotoluene	14.51	165	19034	7.317	ng	# 31
57) 2,4-Dinitrotoluene	14.51	165	19034	5.204	ng	# 30
67) 4-Bromophenyl-phenylether	16.00	248	19161	4.241	ng	# 1

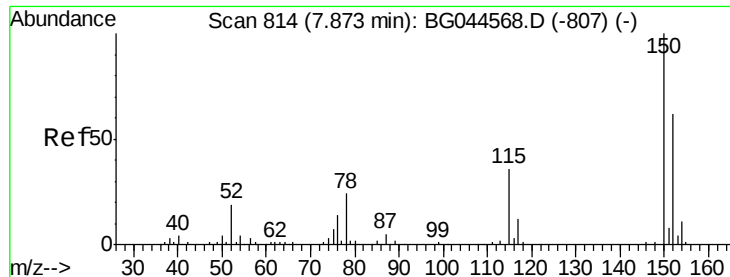
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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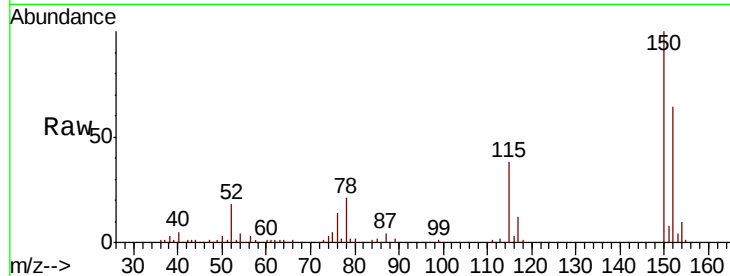


#1

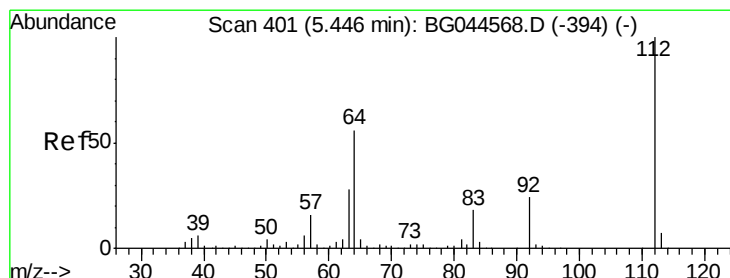
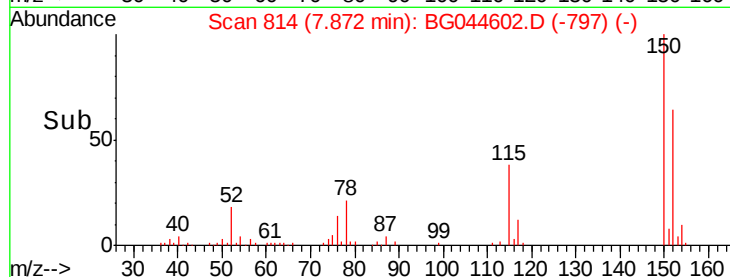
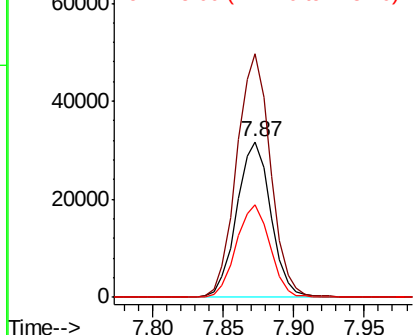
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044602.D
Acq: 26 Feb 2020 13:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53558
Ion Ratio Lower Upper
152 100
150 156.5 128.9 193.3
115 59.6 47.0 70.4



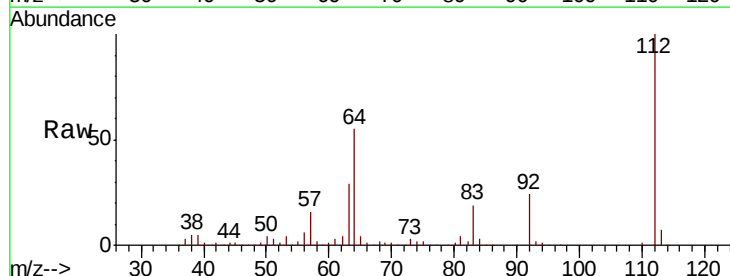
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



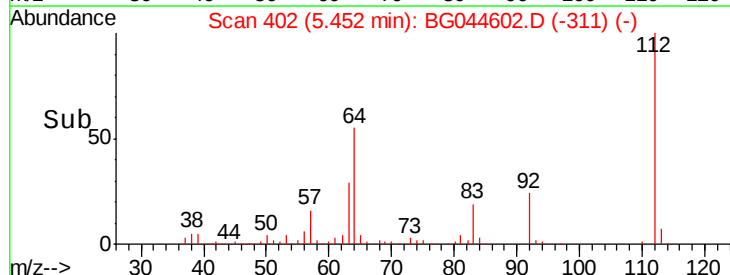
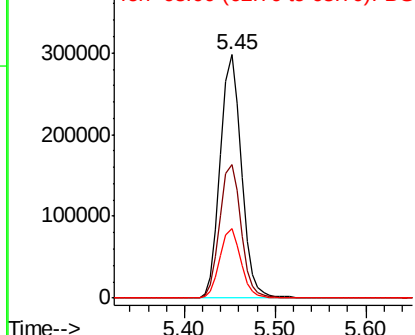
#5

2-Fluorophenol
Concen: 145.883 ng
RT: 5.45 min Scan# 402
Delta R.T. 0.01 min
Lab File: BG044602.D
Acq: 26 Feb 2020 13:53

Tgt Ion:112 Resp: 486965
Ion Ratio Lower Upper
112 100
64 54.8 44.8 67.2
63 28.8 22.3 33.5



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





#7

Phenol-d6

Concen: 136.442 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044602.D

Acq: 26 Feb 2020 13:53

Instrument :

BNA_G

ClientSampled :

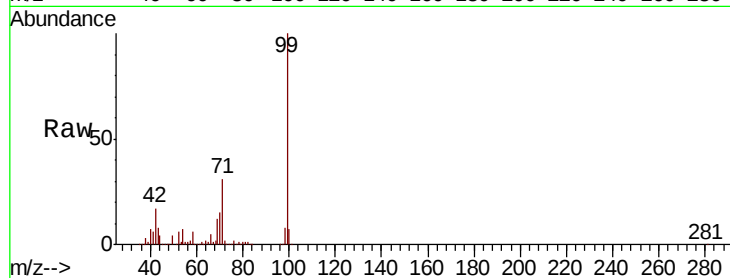
Tot Ion: 99 Resp: 623427

Ion Ratio Lower Upper

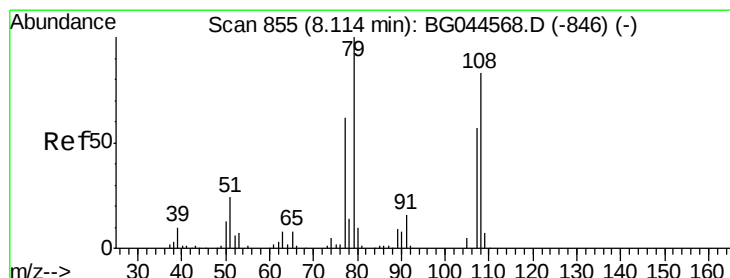
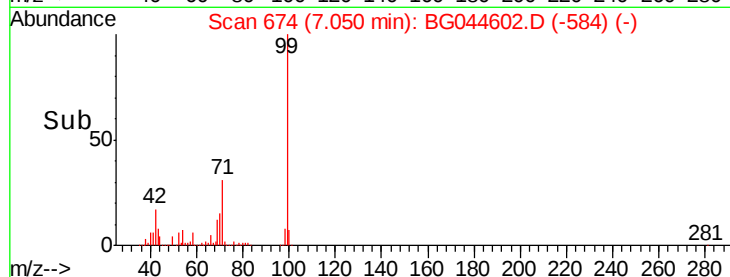
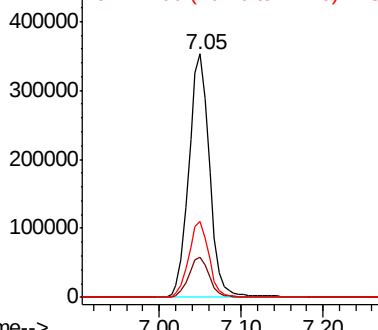
99 100

42 16.6 12.8 19.2

71 31.0 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: 2.052 ng

RT: 8.20 min Scan# 869

Delta R.T. 0.08 min

Lab File: BG044602.D

Acq: 26 Feb 2020 13:53

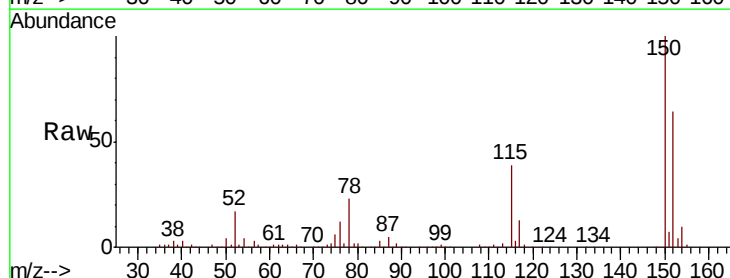
Tgt Ion: 79 Resp: 6322

Ion Ratio Lower Upper

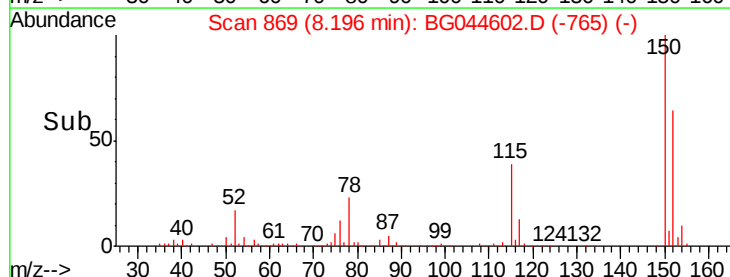
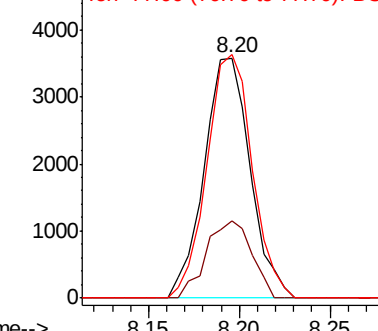
79 100

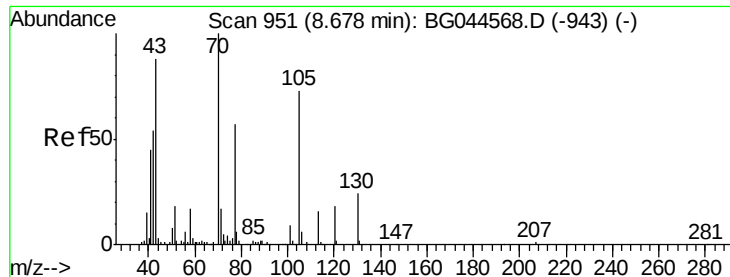
108 32.4 66.0 99.0#

77 101.5 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

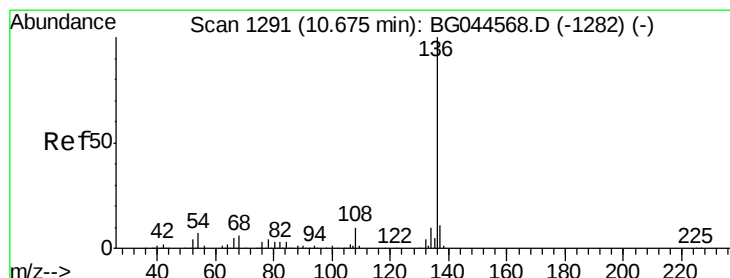
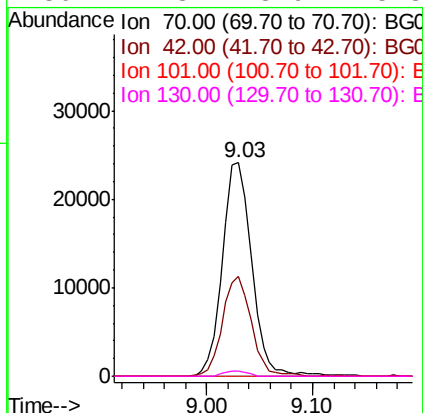
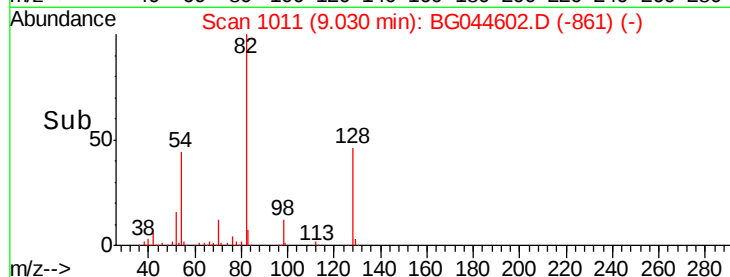
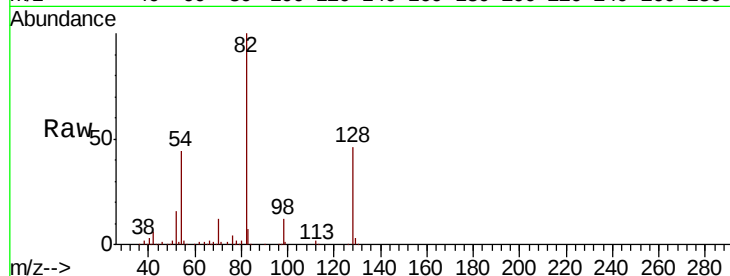




#19
n-Nitroso-di-n-propylamine
Concen: 15.891 ng
RT: 9.03 min Scan# 1011
Delta R.T. 0.35 min
Lab File: BG044602.D
Acq: 26 Feb 2020 13:53

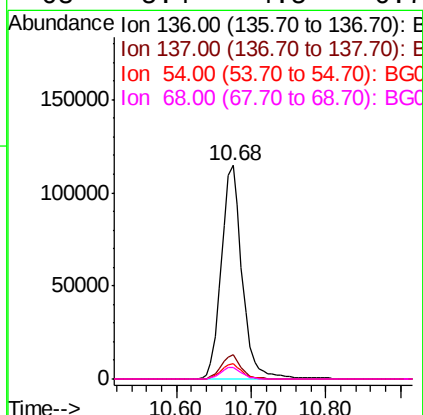
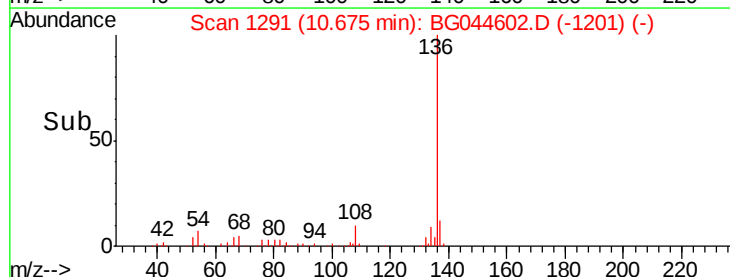
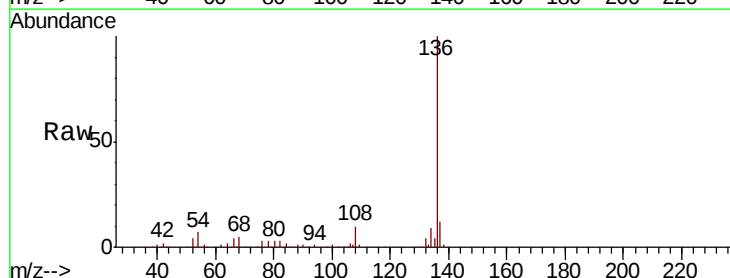
Instrument :
BNA_G
ClientSampleId :

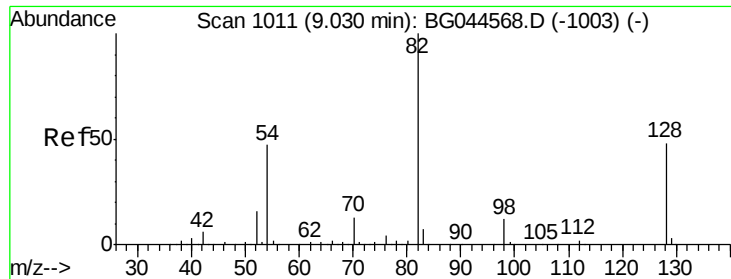
Tot Ion: 70 Resp: 46671
Ion Ratio Lower Upper
70 100
42 46.9 43.4 65.0
101 0.0 7.5 11.3#
130 2.3 18.9 28.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG044602.D
Acq: 26 Feb 2020 13:53

Tgt Ion: 136 Resp: 222504
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 7.0 5.7 8.5
68 5.4 4.5 6.7

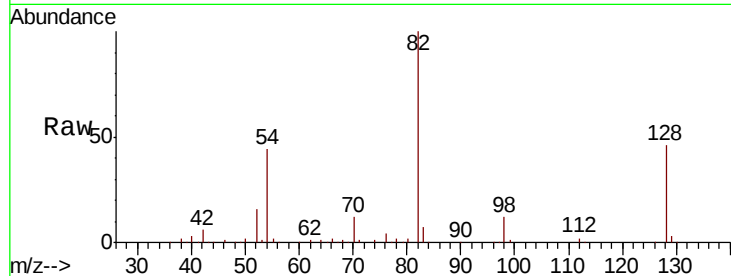




#23
 Nitrobenzene-d5
 Concen: 85.313 ng
 RT: 9.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BG044602.D
 Acq: 26 Feb 2020 13:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	368459
Ion Ratio	100	Lower	Upper
128	46.2	38.1	57.1
54	44.5	37.5	56.3

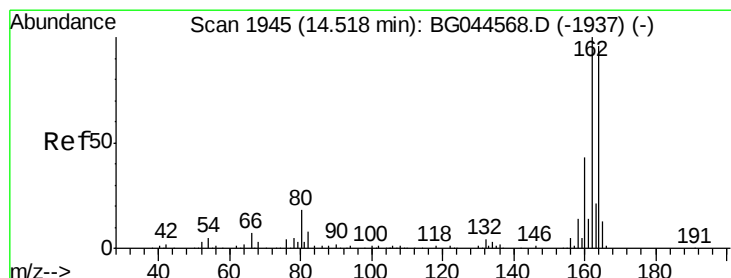
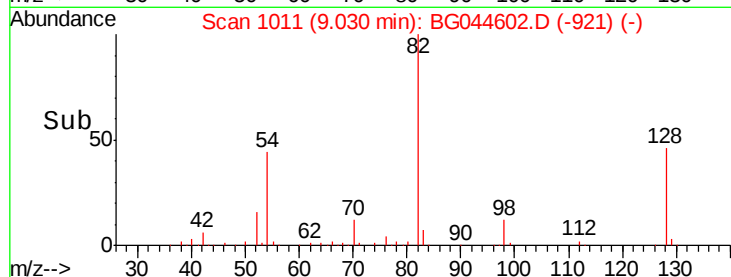
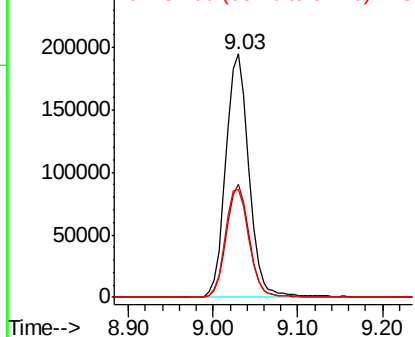


Abundance

Ion 82.00 (81.70 to 82.70): BGC

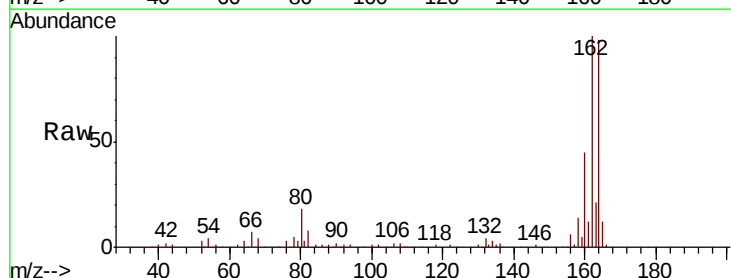
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG044602.D
 Acq: 26 Feb 2020 13:53

Tgt Ion	164	Resp	146134
Ion Ratio	100	Lower	Upper
162	102.4	83.6	125.4
160	46.0	36.2	54.4

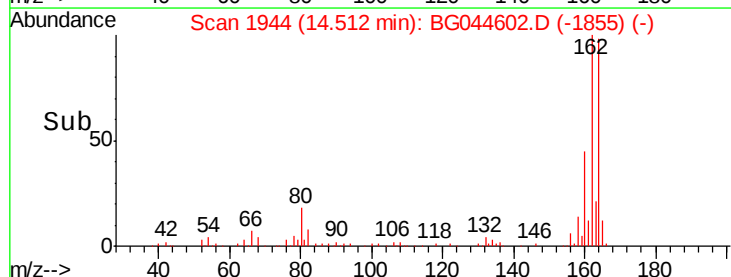
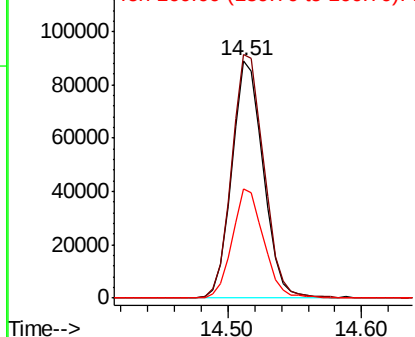


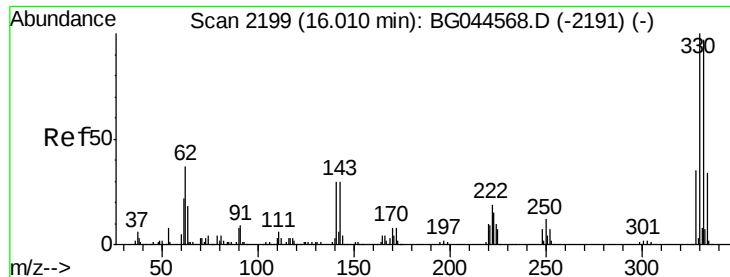
Abundance

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

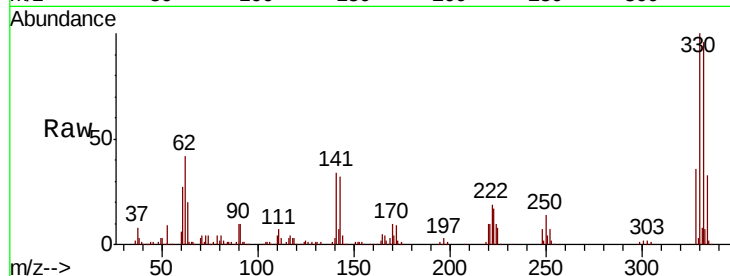




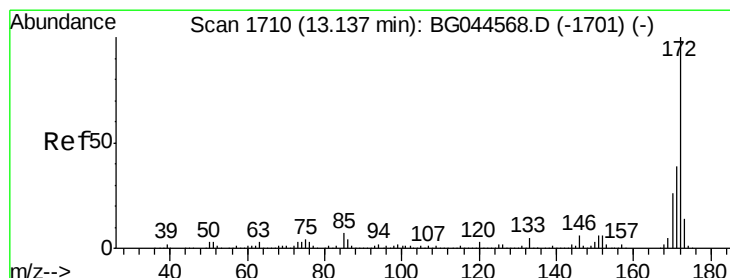
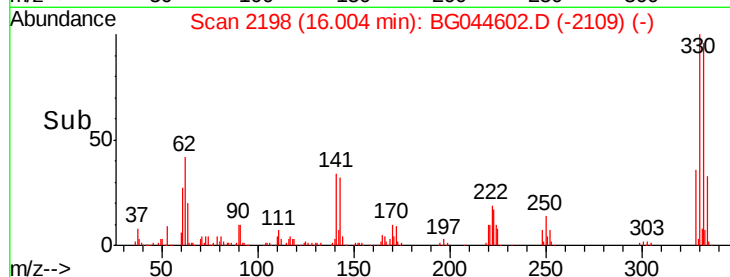
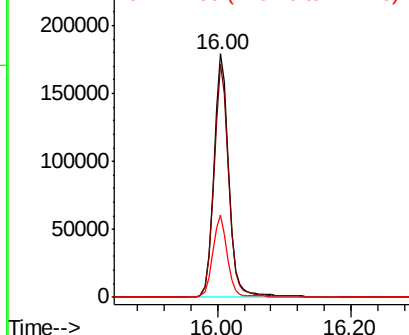
#42
 2,4,6-Tribromophenol
 Concen: 137.197 ng
 RT: 16.00 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG044602.D
 Acq: 26 Feb 2020 13:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 284281
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.0
 141 33.0 26.1 39.1

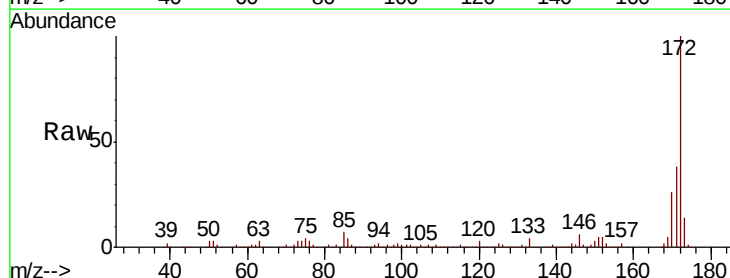


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

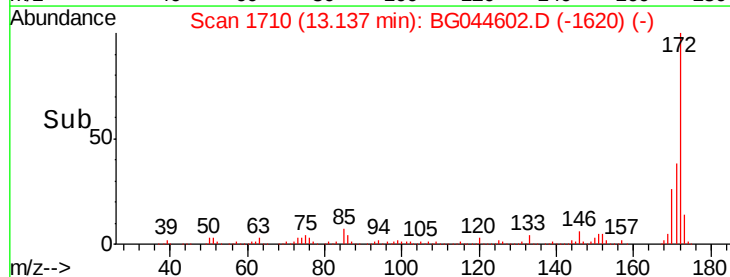
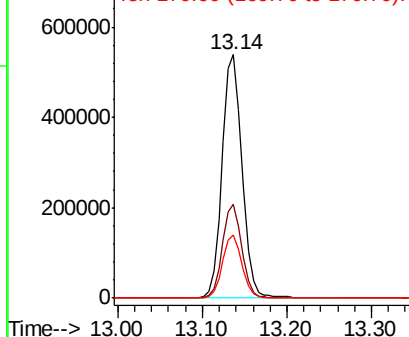


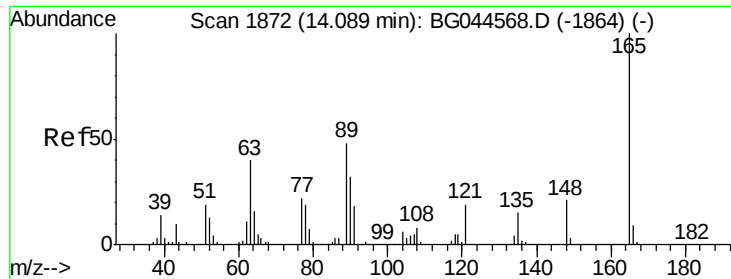
#45
 2-Fluorobiphenyl
 Concen: 86.340 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG044602.D
 Acq: 26 Feb 2020 13:53

Tgt Ion:172 Resp: 881099
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.3 46.9
 170 25.8 21.0 31.4



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: 7.317 ng

RT: 14.51 min Scan# 1944

Delta R.T. 0.42 min

Lab File: BG044602.D

Acq: 26 Feb 2020 13:53

Instrument :

BNA_G

ClientSampleId :

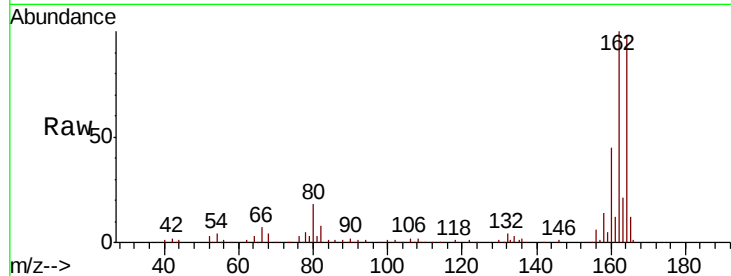
Tot Ion:165 Resp: 19034

Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.6#

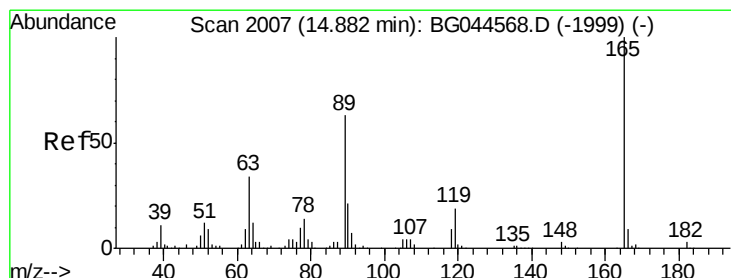
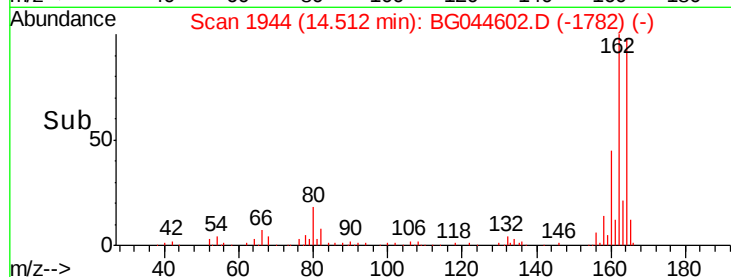
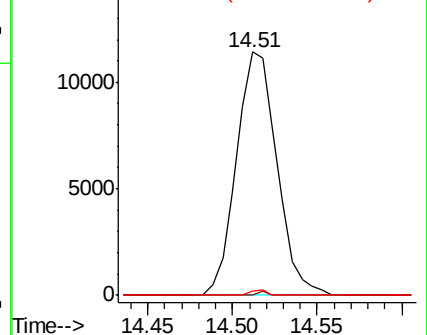
89 1.6 38.7 58.1#



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



#57

2,4-Dinitrotoluene

Concen: 5.204 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.37 min

Lab File: BG044602.D

Acq: 26 Feb 2020 13:53

Tgt Ion:165 Resp: 19034

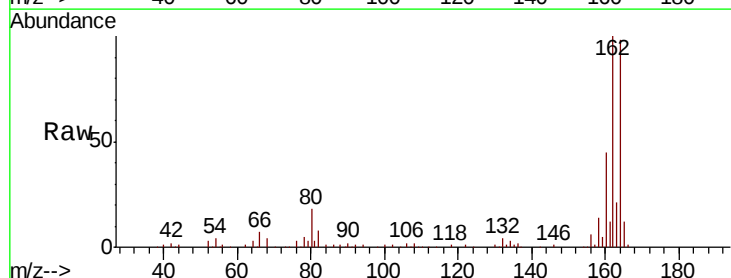
Ion Ratio Lower Upper

165 100

63 0.0 27.5 41.3#

89 1.6 50.0 75.0#

182 0.0 2.3 3.5#

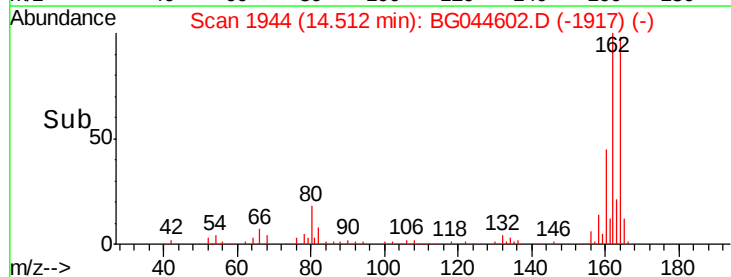
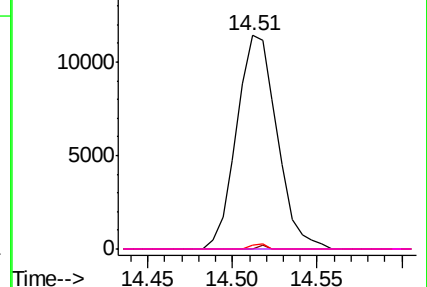


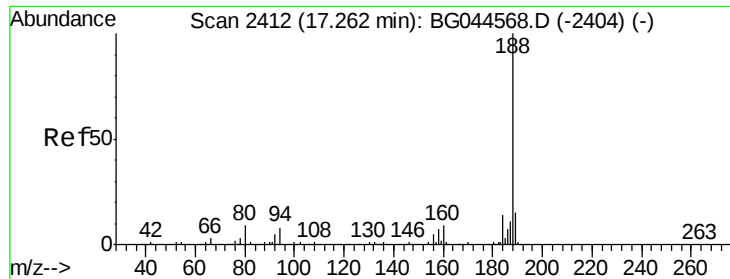
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.26 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG044602.D

Acq: 26 Feb 2020 13:53

Instrument :

BNA_G

ClientSampleId :

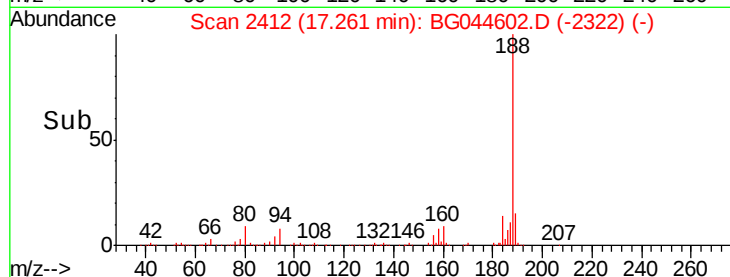
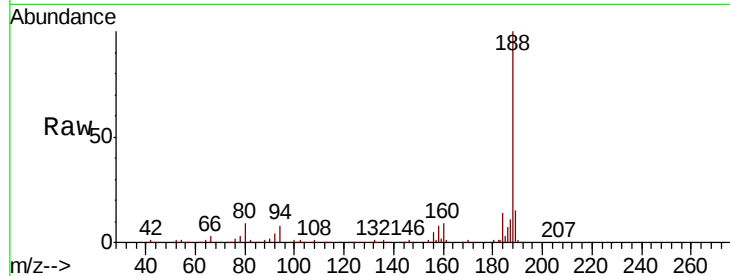
Tot Ion:188 Resp: 364002

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

80 8.6 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->

17.26

200000

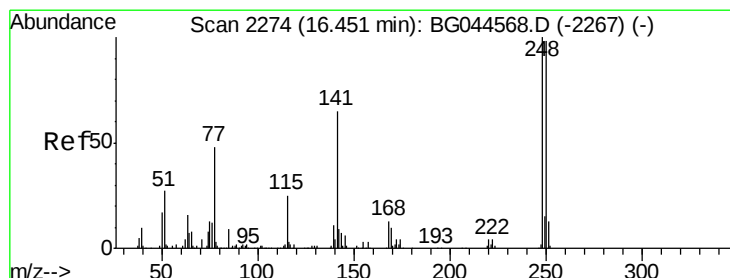
150000

100000

50000

0

17.20 17.30



#67

4-Bromophenyl-phenylether

Concen: 4.241 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.45 min

Lab File: BG044602.D

Acq: 26 Feb 2020 13:53

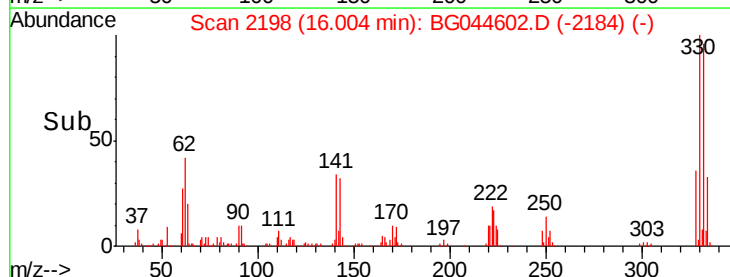
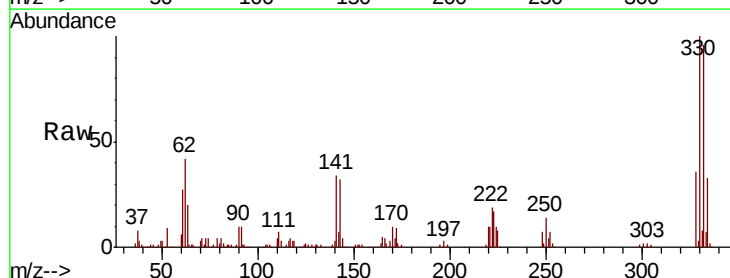
Tgt Ion:248 Resp: 19161

Ion Ratio Lower Upper

248 100

250 198.3 78.7 118.1#

141 488.9 52.3 78.5#



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

Time-->

16.00

80000

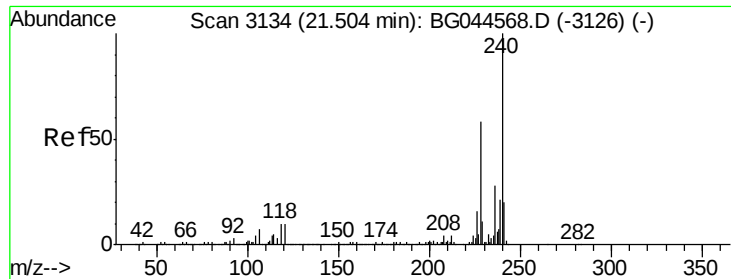
60000

40000

20000

0

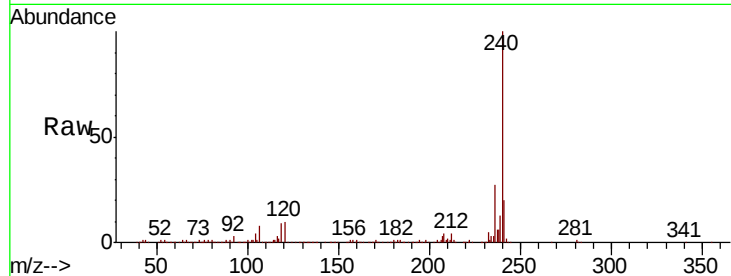
16.00 16.10



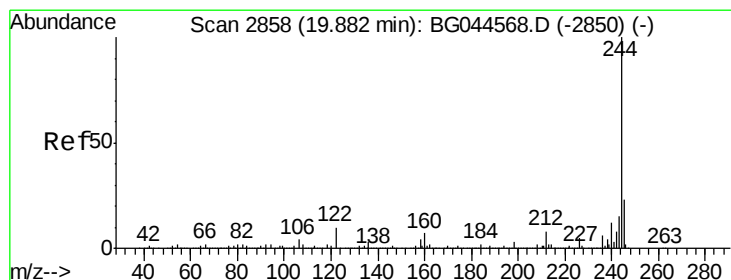
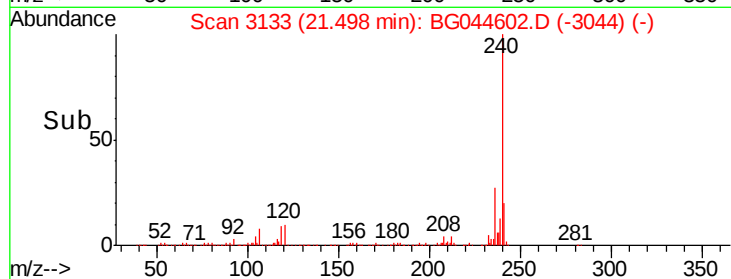
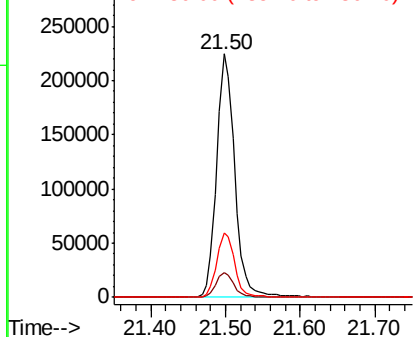
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.50 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BG044602.D
 Acq: 26 Feb 2020 13:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.3	12.5
236	26.5	22.3	33.5

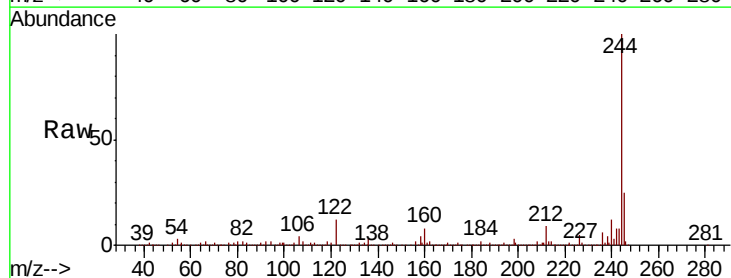


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

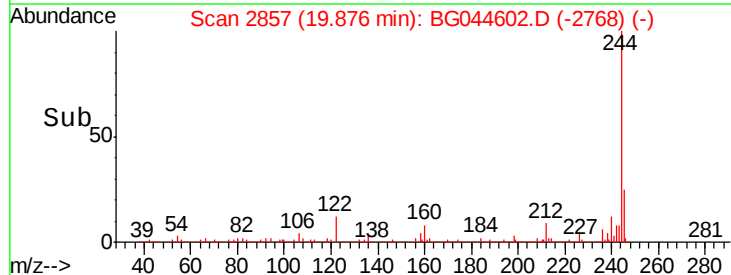
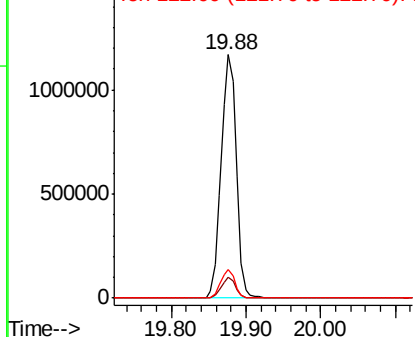


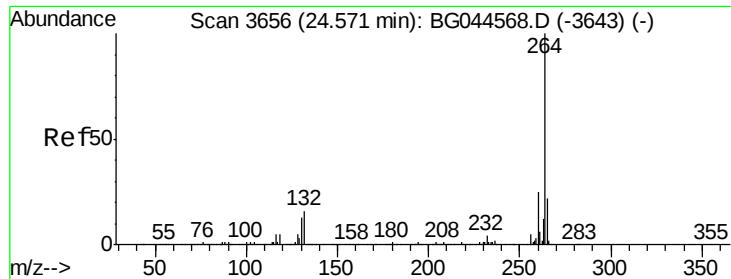
#79
 Terphenyl-d14
 Concen: 82.673 ng
 RT: 19.88 min Scan# 2857
 Delta R.T. -0.01 min
 Lab File: BG044602.D
 Acq: 26 Feb 2020 13:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.5	9.7
122	11.9	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: 24.56 min Scan# 3655
Delta R.T. -0.01 min
Lab File: BG044602.D
Acq: 26 Feb 2020 13:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	22.4	17.8	26.8

