

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
 Data File : BG044273.D
 Acq On : 3 Feb 2020 15:25
 Operator : CG/JU
 Sample : L1345-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 04 00:29:16 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

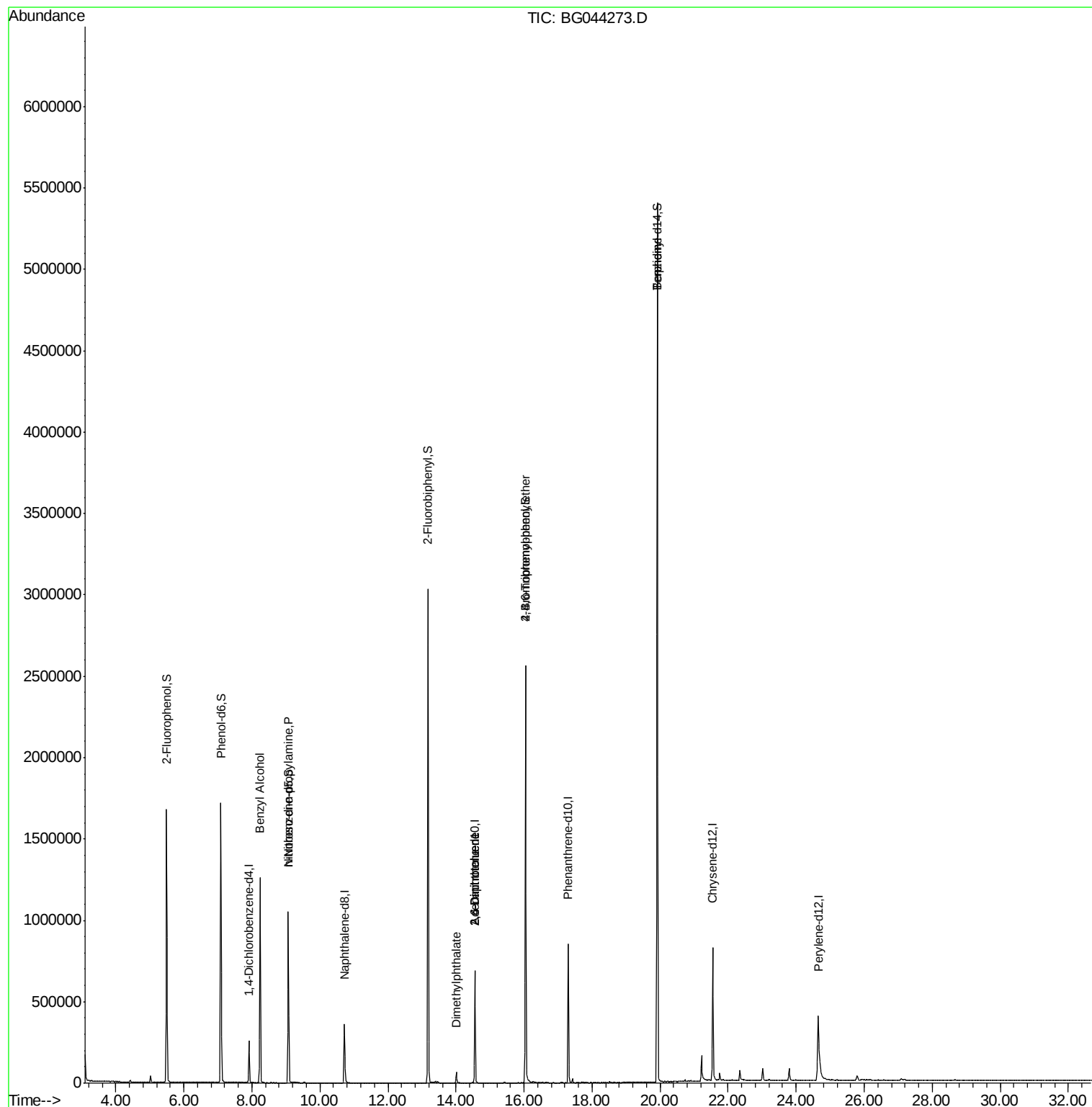
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	77358	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	346537	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	252515	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	562302	20.00	ng	0.00
76) Chrysene-d12	21.54	240	504172	20.00	ng	0.00
87) Perylene-d12	24.65	264	525208	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	800610	182.65	ng	0.00
7) Phenol-d6	7.09	99	1108569	188.34	ng	0.00
23) Nitrobenzene-d5	9.07	82	677436	110.36	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	501840	169.29	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1609512	106.73	ng	0.00
79) Terphenyl-d14	19.92	244	2423820	98.88	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.24	79	10196	2.447	ng	# 52
19) n-Nitroso-di-n-propylamine	9.08	70	89108	22.715	ng	# 74
50) Dimethylphthalate	14.01	163	57639	3.175	ng	# 98
51) 2,6-Dinitrotoluene	14.56	165	32925	8.135	ng	# 30
57) 2,4-Dinitrotoluene	14.56	165	32925	5.804	ng	# 27
67) 4-Bromophenyl-phenylether	16.05	248	34682	5.661	ng	# 1
77) Benizidine	19.92	184	44708	3.197	ng	# 91

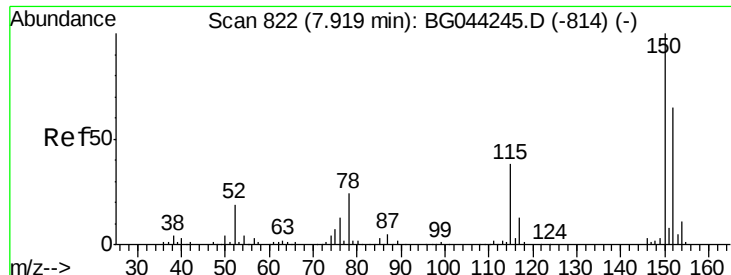
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044273.D
Acq On : 3 Feb 2020 15:25
Operator : CG/JU
Sample : L1345-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 04 00:29:16 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



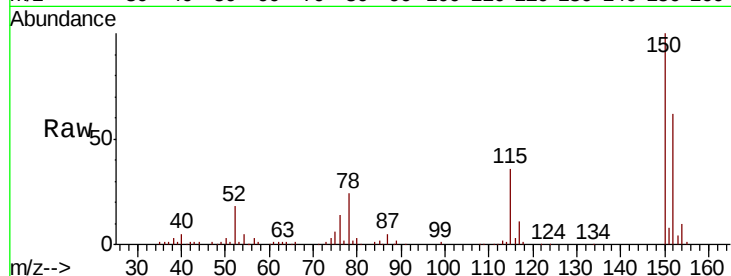


#1

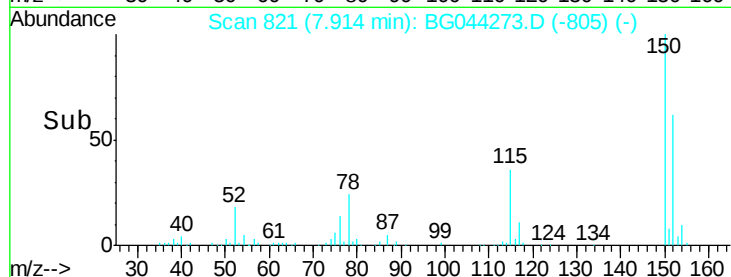
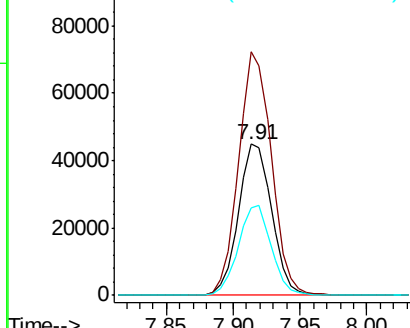
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044273.D
Acq: 3 Feb 2020 15:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 77358
Ion Ratio Lower Upper
152 100
150 161.0 122.6 183.8
115 58.2 46.0 69.0



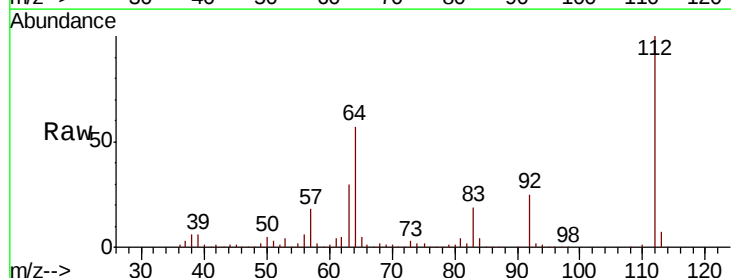
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



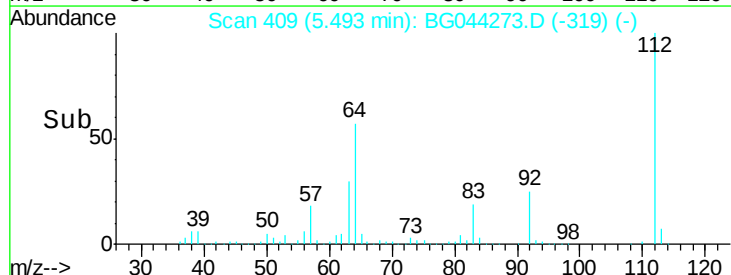
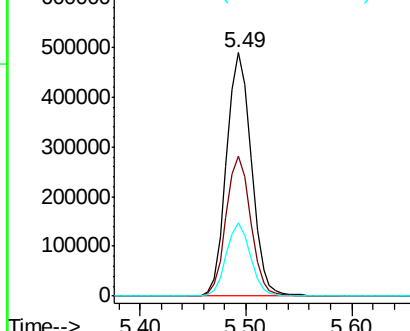
#5

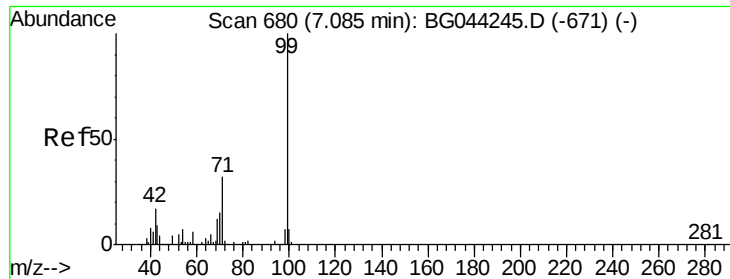
2-Fluorophenol
Concen: 182.651 ng
RT: 5.49 min Scan# 409
Delta R.T. 0.00 min
Lab File: BG044273.D
Acq: 3 Feb 2020 15:25

Tgt Ion:112 Resp: 800610
Ion Ratio Lower Upper
112 100
64 57.3 45.4 68.2
63 30.0 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: 188.337 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044273.D

Acq: 3 Feb 2020 15:25

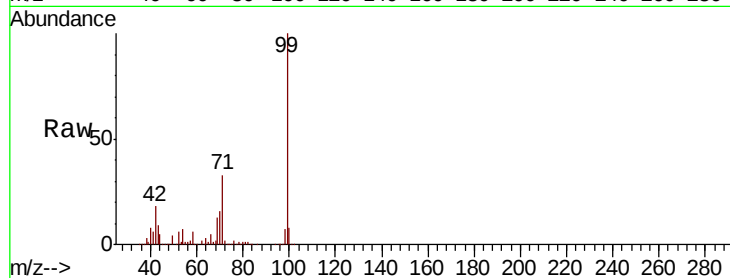
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1108569

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.8	20.6
71	32.6	25.5	38.3

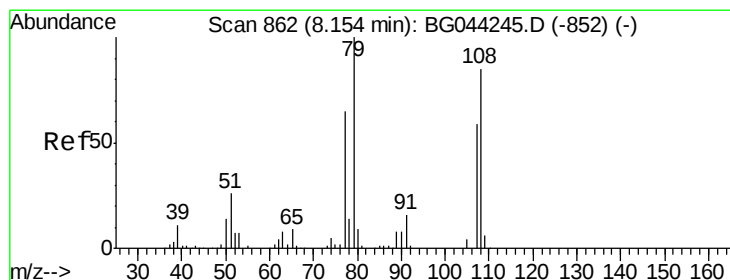
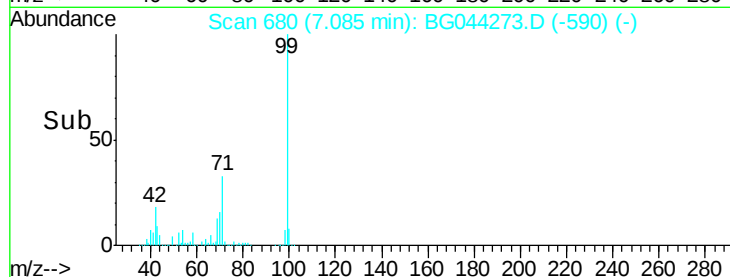
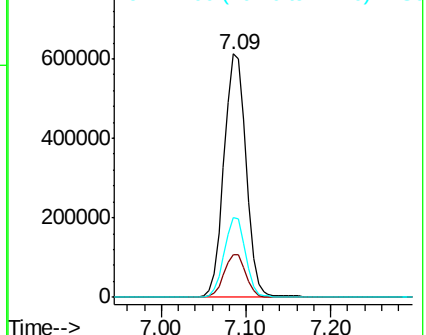


Abundance

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



#15

Benzyl Alcohol

Concen: 2.447 ng

RT: 8.24 min Scan# 877

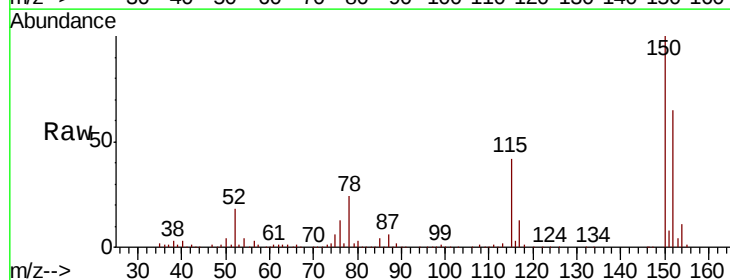
Delta R.T. 0.09 min

Lab File: BG044273.D

Acq: 3 Feb 2020 15:25

Tgt Ion: 79 Resp: 10196

Ion	Ratio	Lower	Upper
79	100		
108	37.8	68.3	102.5#
77	98.6	51.8	77.8#

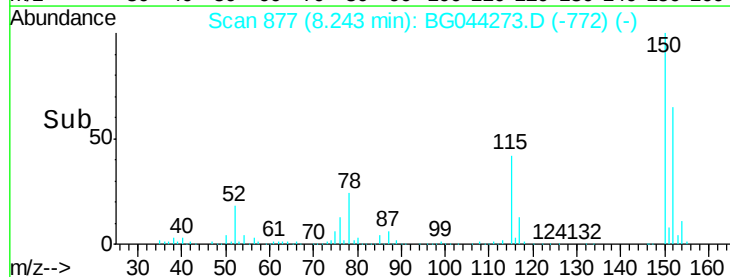
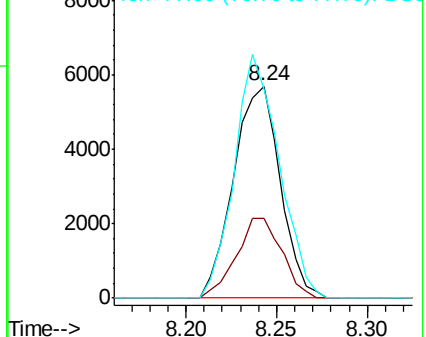


Abundance

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

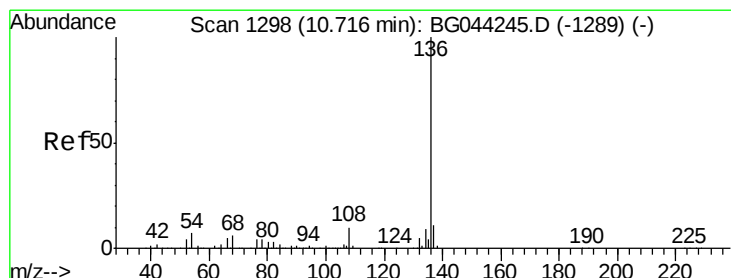
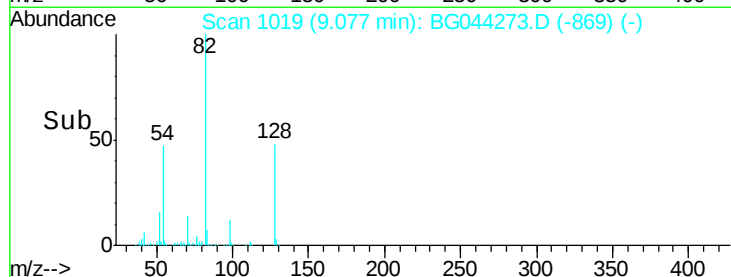
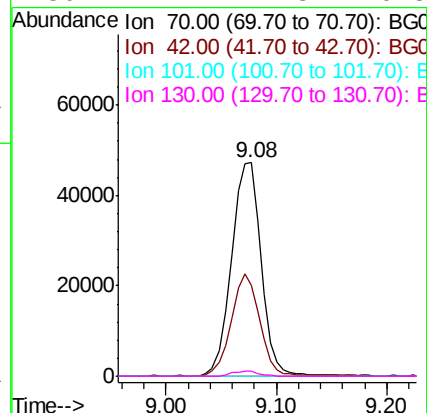
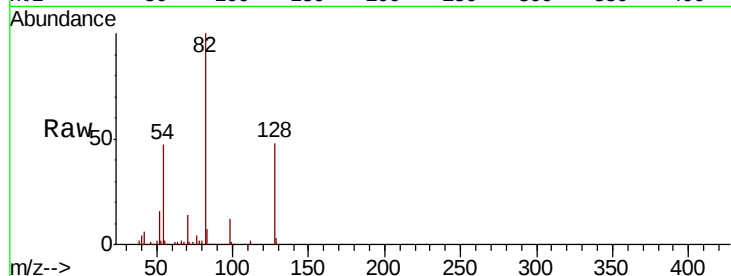




#19
n-Nitroso-di-n-propylamine
Concen: 22.715 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.35 min
Lab File: BG044273.D
Acq: 3 Feb 2020 15:25

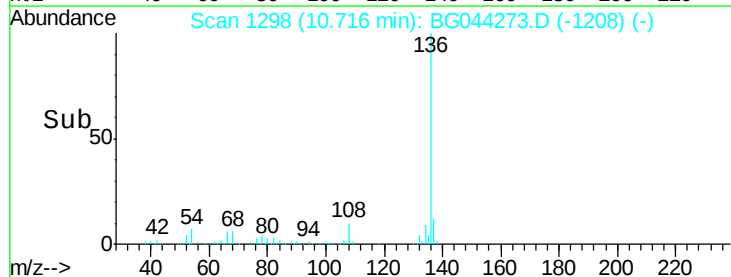
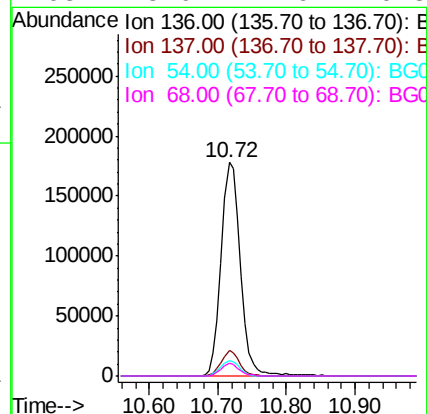
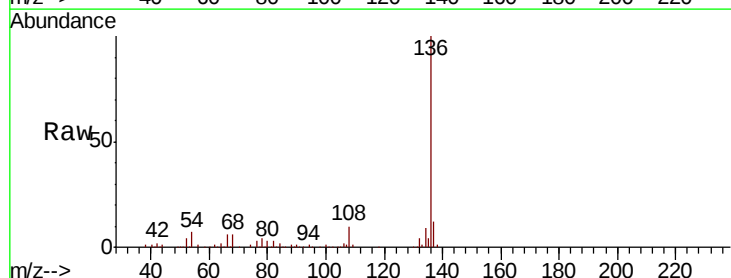
Instrument :
BNA_G
ClientSampleId :

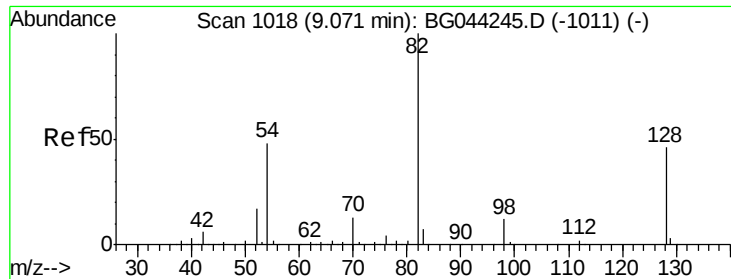
Tot Ion	Ratio	Lower	Upper
70	100		
42	42.6	46.2	69.2#
101	0.0	8.4	12.6#
130	2.4	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG044273.D
Acq: 3 Feb 2020 15:25

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	7.0	5.8	8.8
68	5.9	4.6	6.8

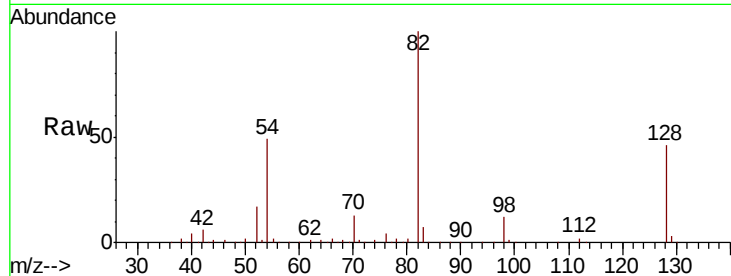




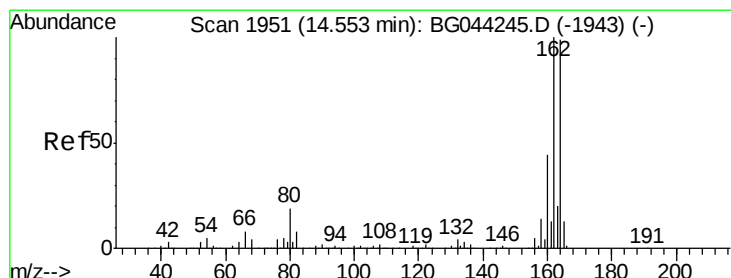
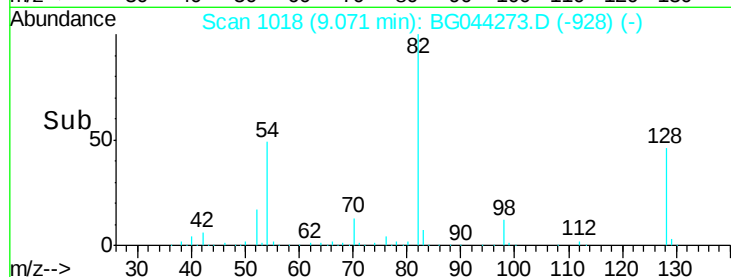
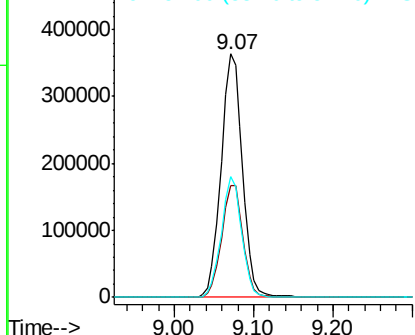
#23
Nitrobenzene-d5
Concen: 110.365 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BG044273.D
Acq: 3 Feb 2020 15:25

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	677436
Ion Ratio	100	Lower	Upper
128	45.9	36.5	54.7
54	49.4	38.6	58.0

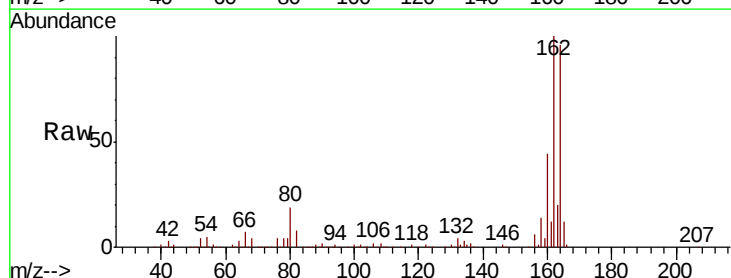


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

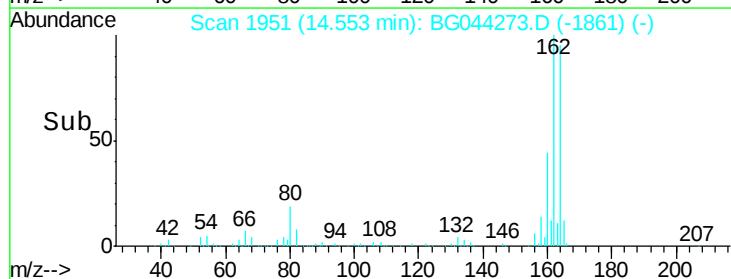
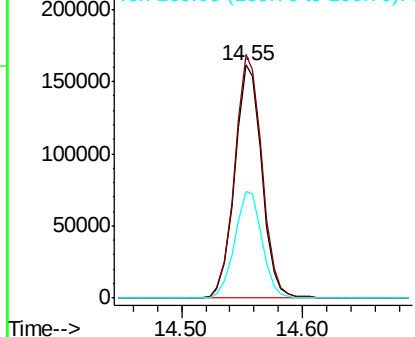


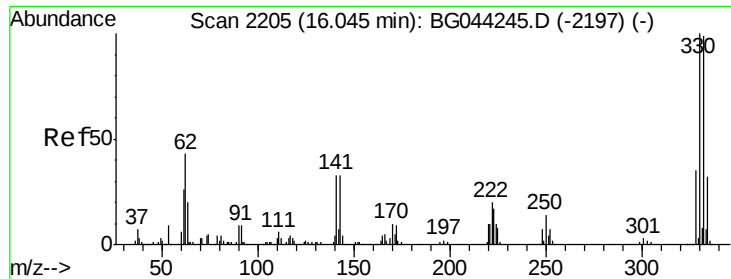
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG044273.D
Acq: 3 Feb 2020 15:25

Tgt Ion	164	Resp	252515
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.6	80.7	121.1
160	45.9	35.3	52.9



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: 169.290 ng

RT: 16.05 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG044273.D

Acq: 3 Feb 2020 15:25

Instrument :

BNA_G

ClientSampleId :

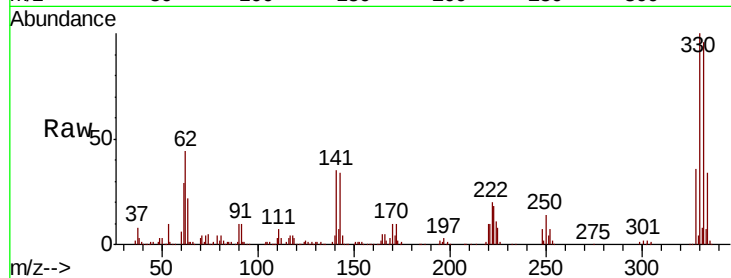
Tot Ion:330 Resp: 501840

Ion Ratio Lower Upper

330 100

332 95.3 77.2 115.8

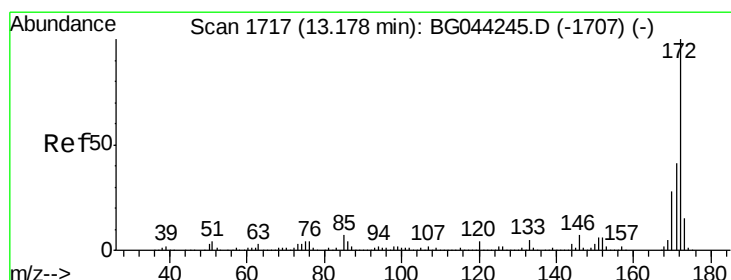
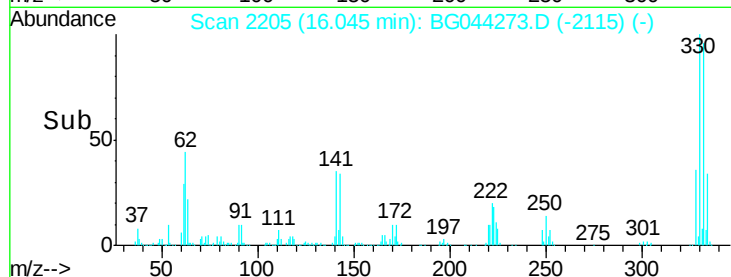
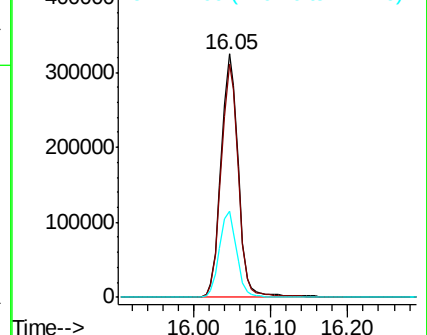
141 35.5 28.3 42.5



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: 106.735 ng

RT: 13.18 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BG044273.D

Acq: 3 Feb 2020 15:25

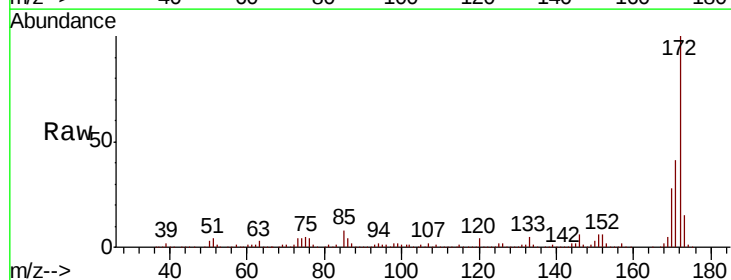
Tgt Ion:172 Resp: 1609512

Ion Ratio Lower Upper

172 100

171 41.0 32.9 49.3

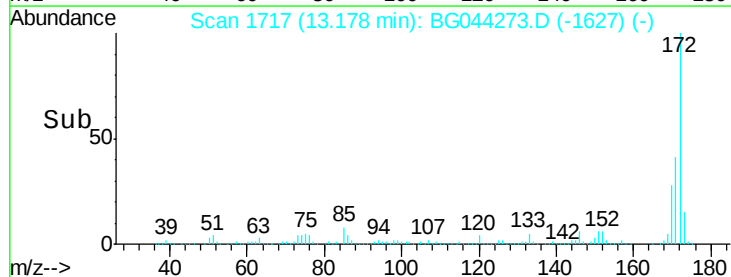
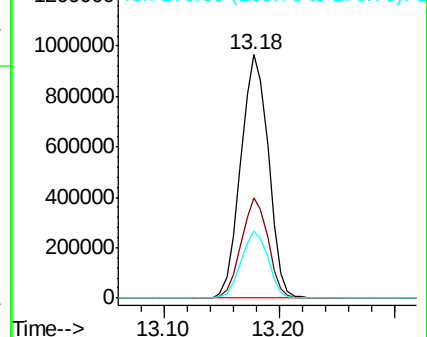
170 27.6 22.0 33.0

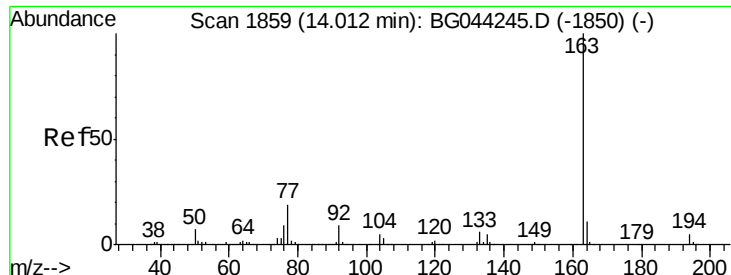


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.175 ng

RT: 14.01 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BG044273.D

Acq: 3 Feb 2020 15:25

Instrument :

BNA_G

ClientSampleId :

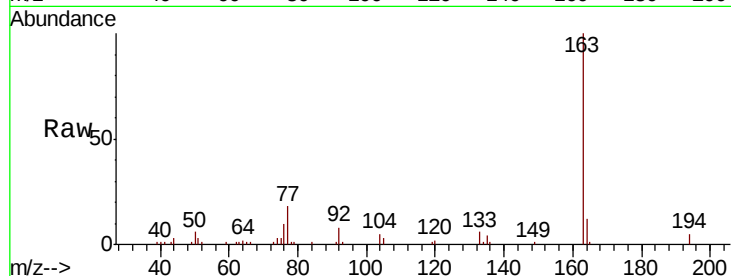
Tot Ion:163 Resp: 57639

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

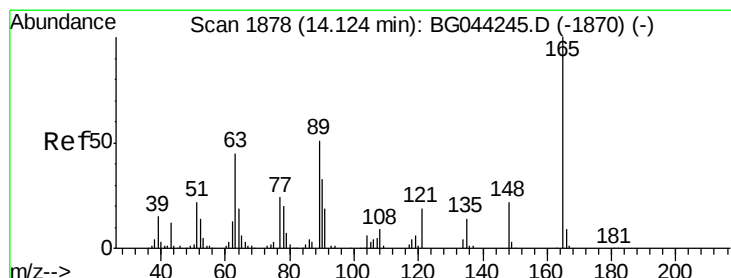
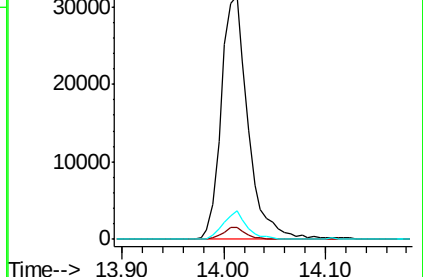
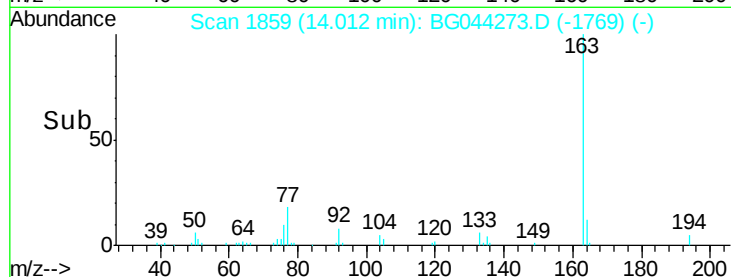
164 11.9 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 8.135 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.43 min

Lab File: BG044273.D

Acq: 3 Feb 2020 15:25

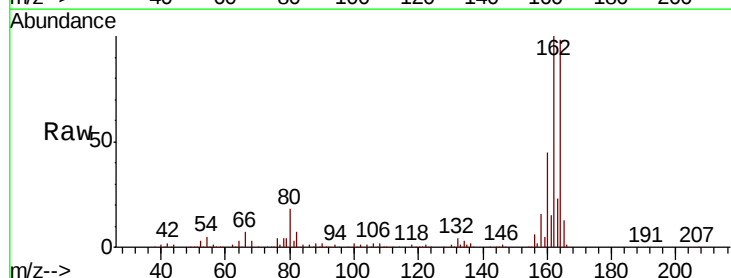
Tgt Ion:165 Resp: 32925

Ion Ratio Lower Upper

165 100

63 1.3 38.7 58.1#

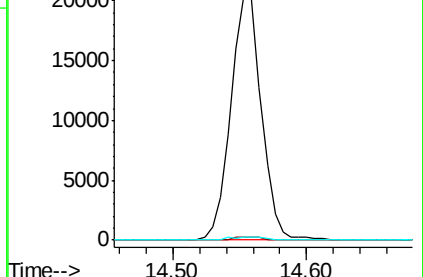
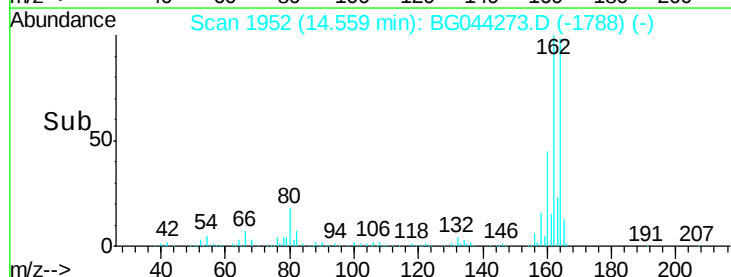
89 1.1 40.4 60.6#

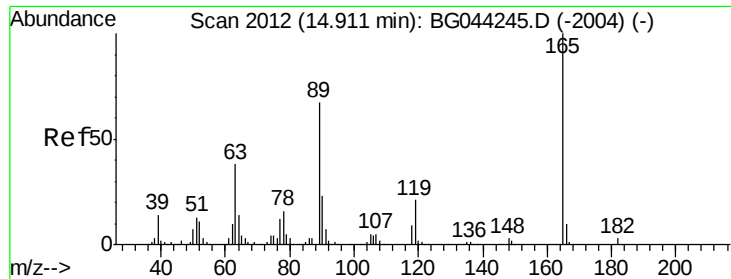


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#57

2,4-Dinitrotoluene

Concen: 5.804 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.35 min

Lab File: BG044273.D

Acq: 3 Feb 2020 15:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 32925

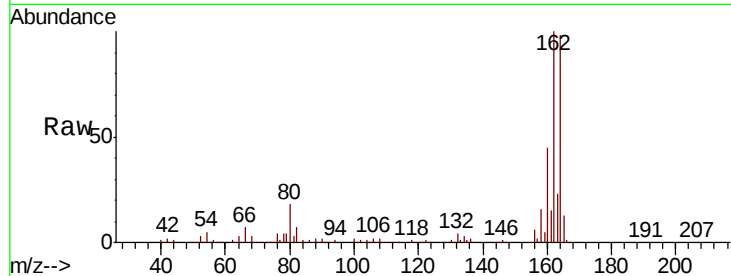
Ion Ratio Lower Upper

165 100

63 1.3 30.3 45.5#

89 1.1 53.4 80.2#

182 0.0 2.1 3.1#

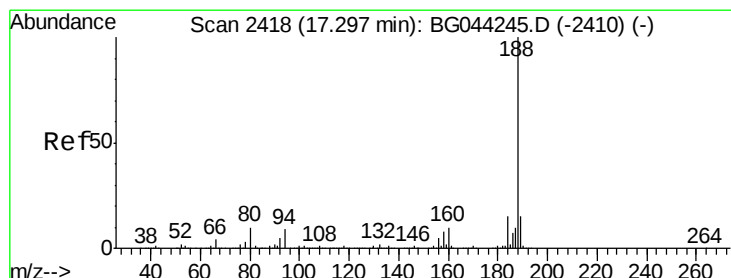
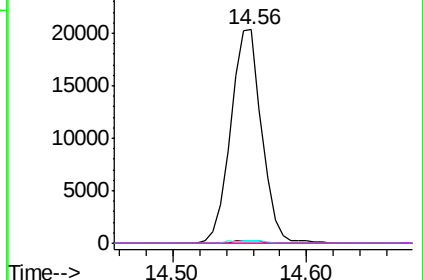
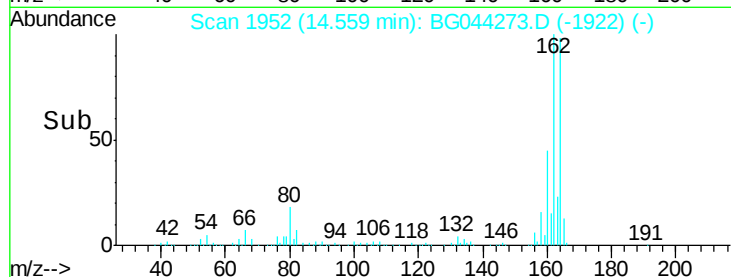


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG044273.D

Acq: 3 Feb 2020 15:25

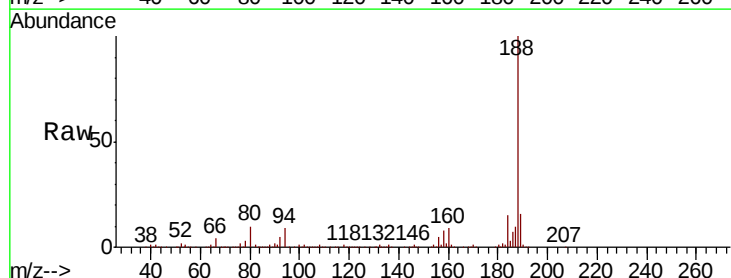
Tgt Ion:188 Resp: 562302

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

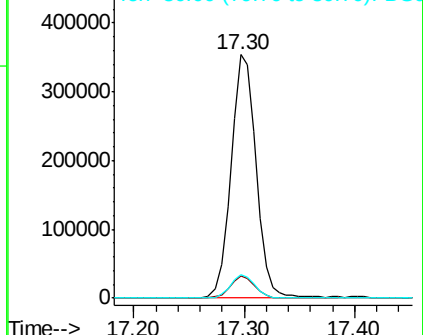
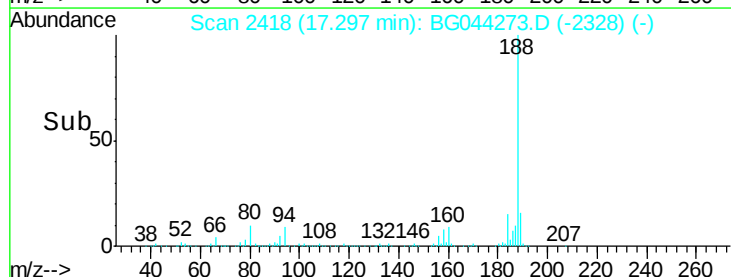
80 9.7 7.7 11.5

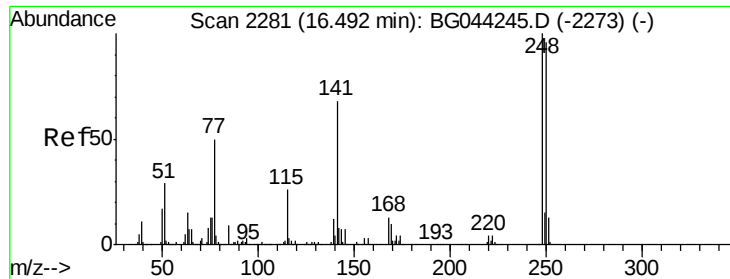


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

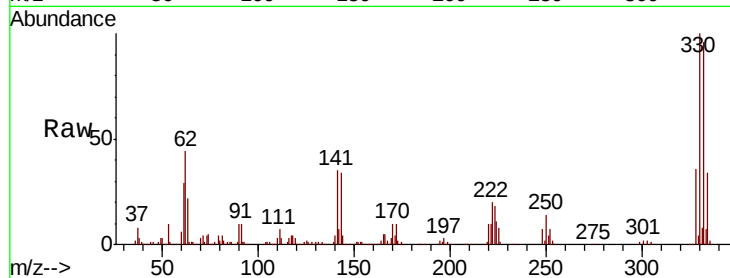




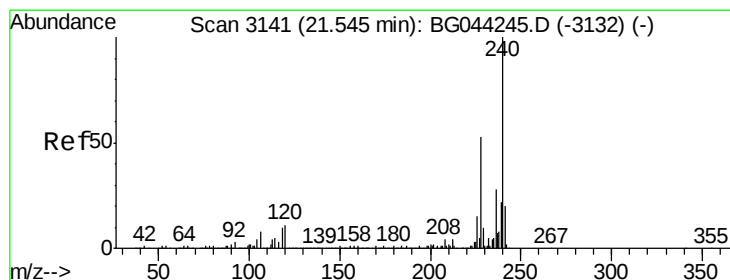
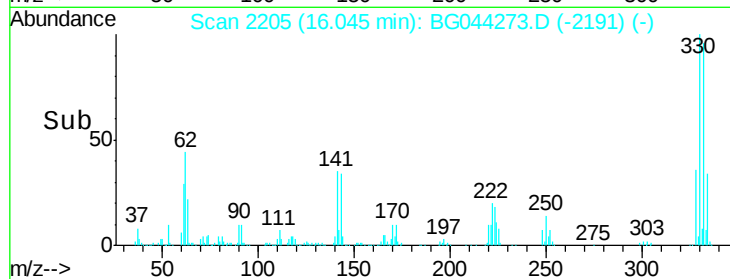
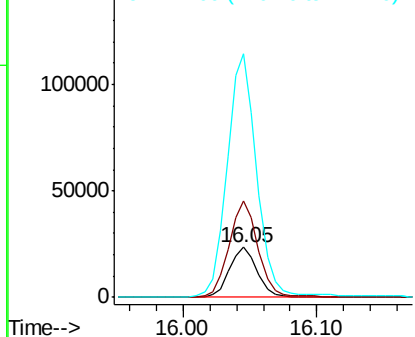
#67
4-Bromophenyl-phenylether
Concen: 5.661 ng
RT: 16.05 min Scan# 2205
Delta R.T. -0.45 min
Lab File: BG044273.D
Acq: 3 Feb 2020 15:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 34682
Ion Ratio Lower Upper
248 100
250 191.8 76.6 114.8#
141 485.9 54.7 82.1#

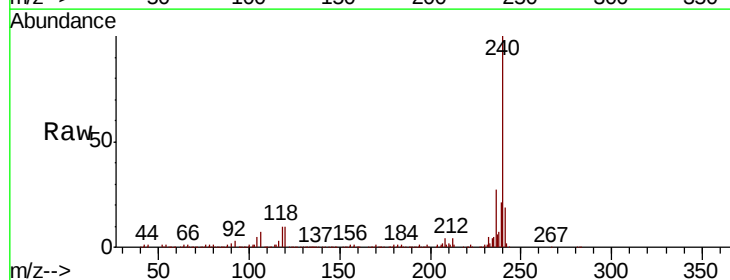


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

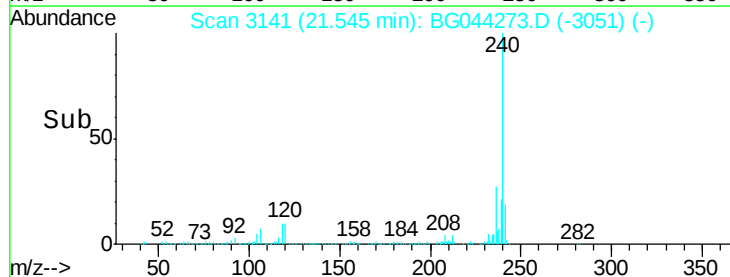
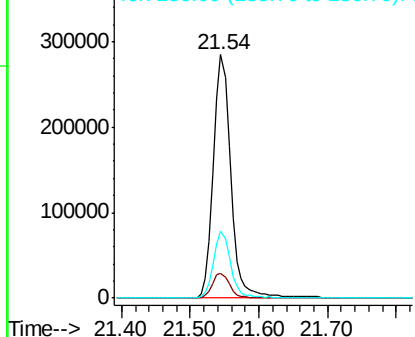


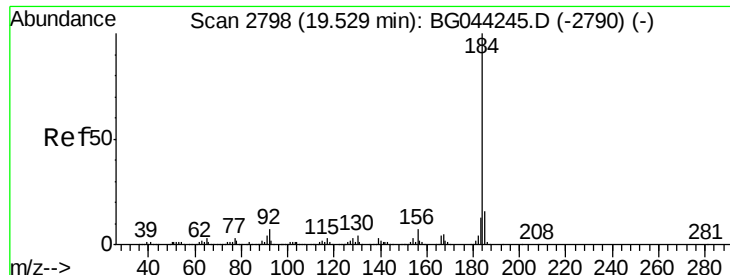
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG044273.D
Acq: 3 Feb 2020 15:25

Tgt Ion:240 Resp: 504172
Ion Ratio Lower Upper
240 100
120 10.2 8.4 12.6
236 27.3 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





#77

Benzidine

Concen: 3.197 ng

RT: 19.92 min Scan# 2864

Delta R.T. 0.39 min

Lab File: BG044273.D

Acq: 3 Feb 2020 15:25

Instrument :

BNA_G

ClientSampleId :

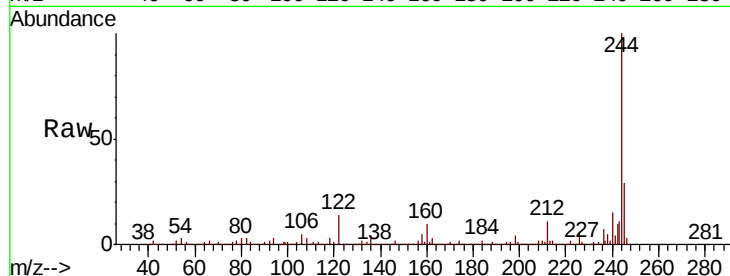
Tot Ion:184 Resp: 44708

Ion Ratio Lower Upper

184 100

185 14.4 12.9 19.3

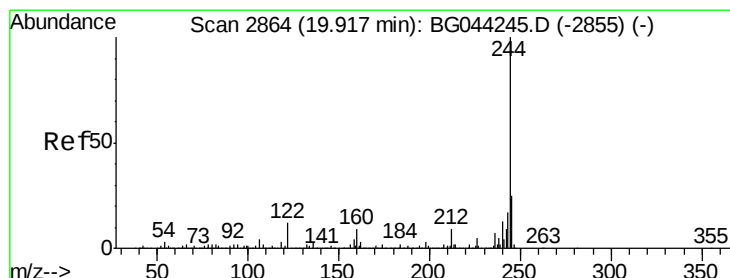
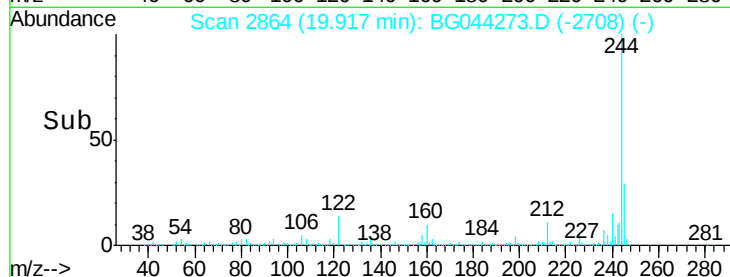
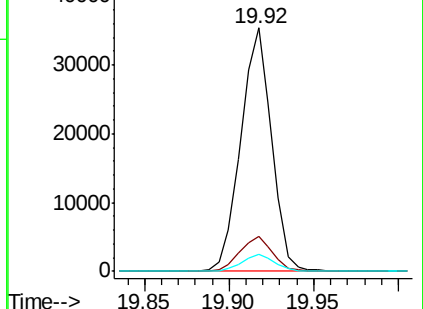
183 7.2 10.8 16.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 98.885 ng

RT: 19.92 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BG044273.D

Acq: 3 Feb 2020 15:25

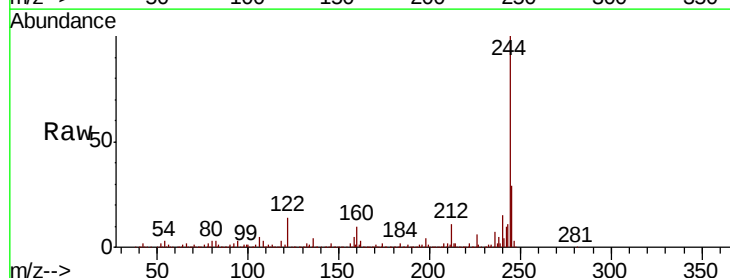
Tgt Ion:244 Resp: 2423820

Ion Ratio Lower Upper

244 100

212 10.7 7.4 11.2

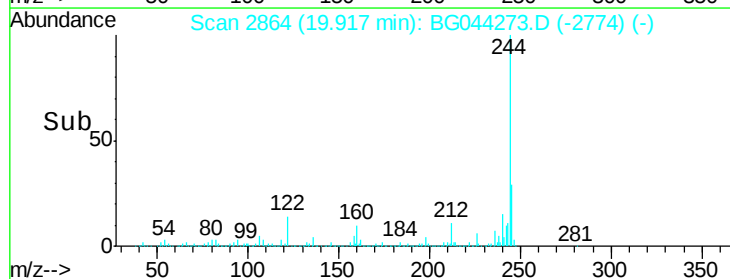
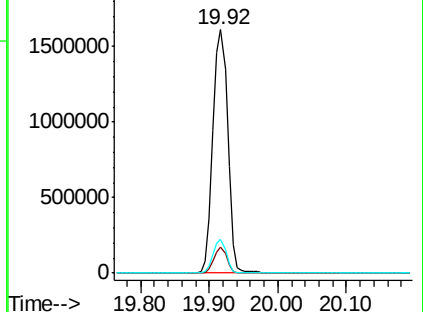
122 13.8 9.8 14.6

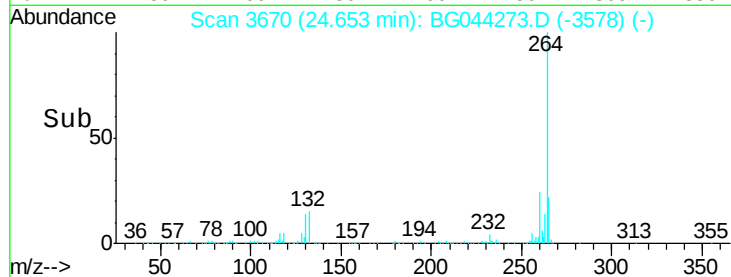
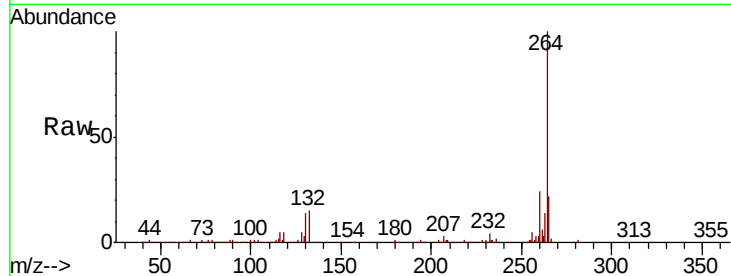
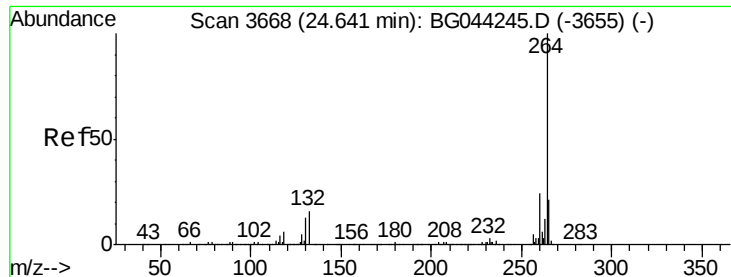


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.65 min Scan# 3670
Delta R.T. 0.01 min
Lab File: BG044273.D
Acq: 3 Feb 2020 15:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.7	16.7	25.1

