

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
 Data File : BN009649.D
 Acq On : 07 Feb 2020 15:37
 Operator : CG/JU
 Sample : L1324-11MSD 10X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT66MSD

Quant Time: Feb 07 16:53:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 15:21:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	174358	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	737890	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	448873	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	870857	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	753800	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	831868	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	592	0.14	ng/uL	0.01
5) Phenol-d5	6.64	99	25225	1.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	19368	1.90	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	20045	1.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	20123	1.66	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	10911	1.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	9633	1.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	19332	1.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	13055	1.06	ng/ul	0.04
43) Dimethylphthalate-d6	13.50	166	63546	1.94	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	71028	1.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	9216	1.49	ng/ul	0.00
57) Fluorene-d10	15.07	176	52745	1.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.25	200	6570	1.21	ng/ul	0.02
70) Anthracene-d10	16.83	188	869892	21.98	ng/ul	-0.09
78) Pyrene-d10	19.24	212	80321	2.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	78842	1.92	ng/ul	0.00

Target Compounds

						Qvalue
4) Benzaldehyde	6.60	77	38459	3.69	ng/ul#	1
6) Phenol	6.66	94	27379	1.68	ng/ul#	85
10) 2-Chlorophenol	7.01	128	21070	1.81	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.24	70	20634	2.01	ng/ul	91
17) Hexachloroethane	8.46	117	33327	6.33	ng/ul#	8
28) Naphthalene	10.25	128	15900373	397.36	ng/ul	99
32) Caprolactam	11.12	113	9318	2.39	ng/ul#	1
33) 4-Chloro-3-methylphenol	11.50	107	22507	1.66	ng/ul#	1
34) 2-Methylnaphthalene	11.87	142	10602490	378.62	ng/ul	99
40) 1,1'-Biphenyl	12.90	154	1148029	32.85	ng/ul	96
47) Acenaphthylene	13.80	152	6443760	148.72	ng/ul	99
49) Acenaphthene	14.14	153	548731	18.63	ng/ul	97
53) Dibenzofuran	14.47	168	520644	12.69	ng/ul	94
54) 2,4-Dinitrotoluene	14.49	165	42942	4.31	ng/ul#	4
58) Fluorene	15.14	166	3126088	91.19	ng/ul	98
64) N-Nitrosodiphenylamine	15.36	169	62721	2.41	ng/ul#	68
68) Pentachlorophenol	16.50	266	8070	1.42	ng/ul	87
69) Phenanthrene	16.89	178	12422117	250.12	ng/ul	98
71) Anthracene	16.97	178	3221319	63.93	ng/ul	100
74) Carbazole	17.24	167	79589	1.81	ng/ul#	78
76) Fluoranthene	18.91	202	6729483	118.72	ng/ul	99
79) Pyrene	19.17	202	474350	8.62	ng/ul	97
82) Benzo(a)anthracene	21.09	228	3239279	62.24	ng/ul	94

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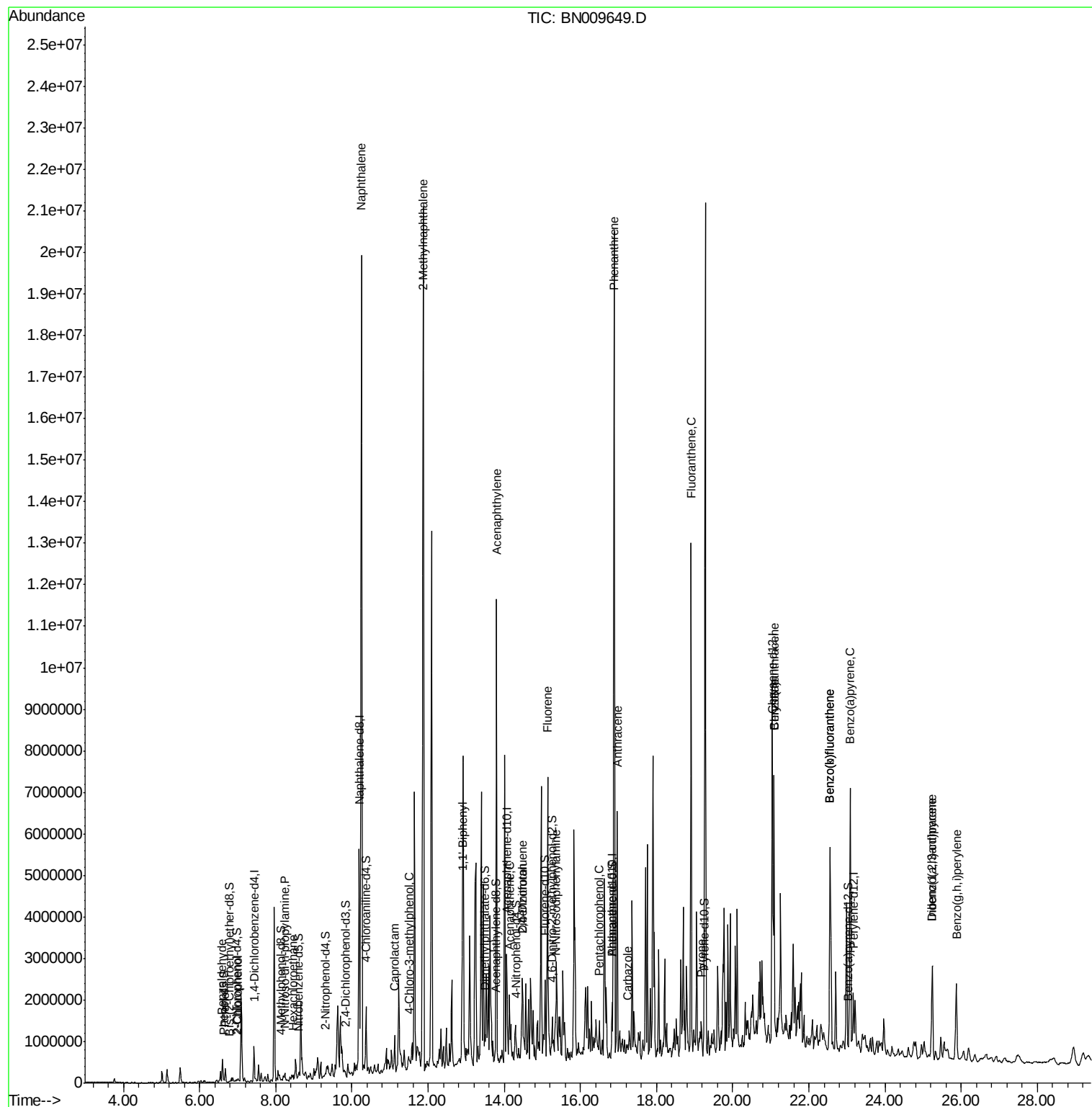
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Chrysene	21.09	228	3240620	62.54	ng/ul	99
87) Benzo(b)fluoranthene	22.56	252	4862998	93.44	ng/ul	97
88) Benzo(k)fluoranthene	22.56	252	4862998	94.88	ng/ul#	96
90) Benzo(a)pyrene	23.09	252	3850080	79.84	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.24	276	1854989	32.36	ng/ul	93
92) Dibenzo(a,h)anthracene	25.24	278	569879	11.81	ng/ul#	94
93) Benzo(g,h,i)perylene	25.87	276	1942138	40.42	ng/ul	96

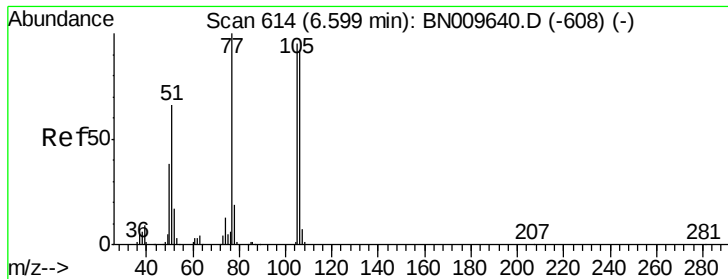
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 3.69 ng/ul

RT: 6.60 min Scan# 614

Delta R.T. -0.00 min

Lab File: BN009649.D

Acq: 07 Feb 2020 15:37

Instrument :

BNA_N

ClientSampleId :

GAT66MSD

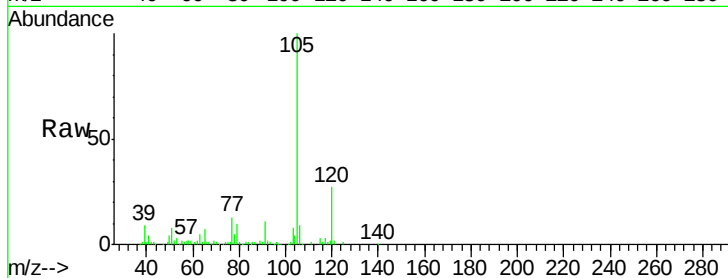
Tgt Ion: 77 Resp: 38459

Ion Ratio Lower Upper

77 100

105 784.5 74.5 111.7#

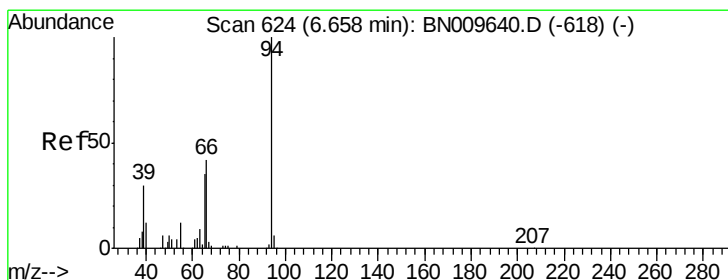
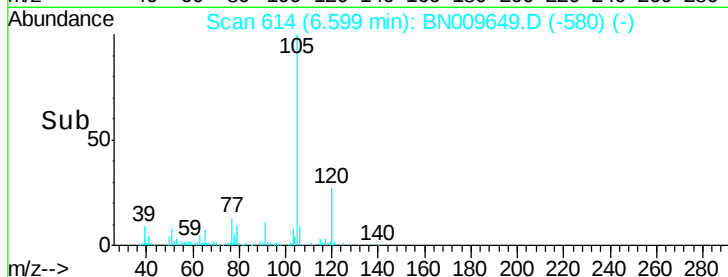
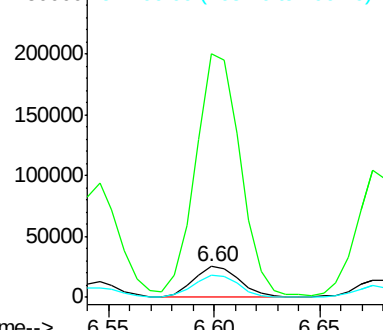
106 71.6 70.8 106.2



Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): BN0

Ion 106.00 (105.70 to 106.70): BN0



#6

Phenol

Concen: 1.68 ng/ul

RT: 6.66 min Scan# 625

Delta R.T. 0.01 min

Lab File: BN009649.D

Acq: 07 Feb 2020 15:37

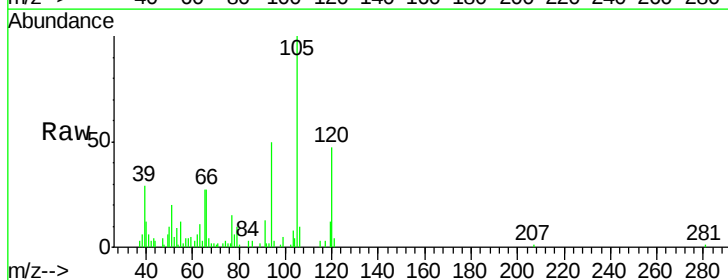
Tgt Ion: 94 Resp: 27379

Ion Ratio Lower Upper

94 100

65 53.4 29.8 44.6#

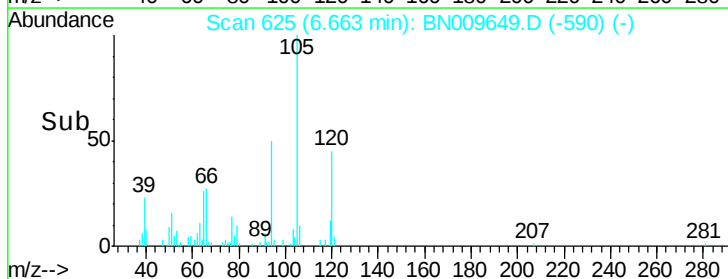
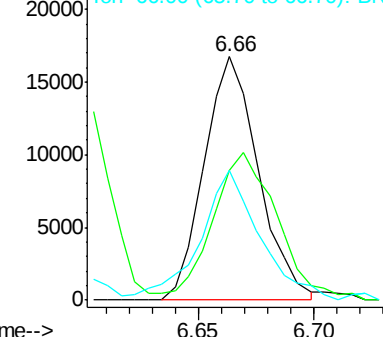
66 53.1 39.5 59.3

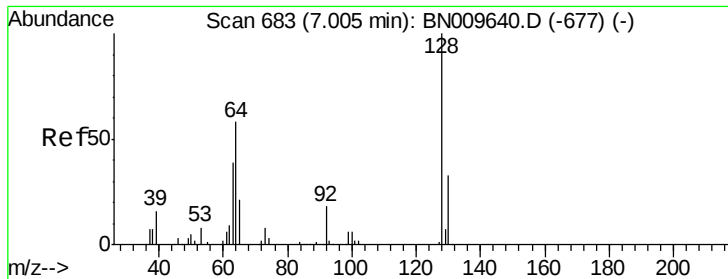


Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0

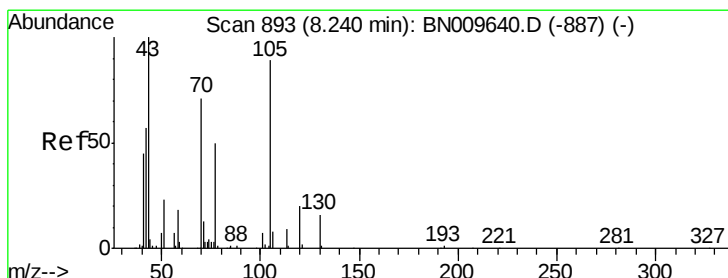
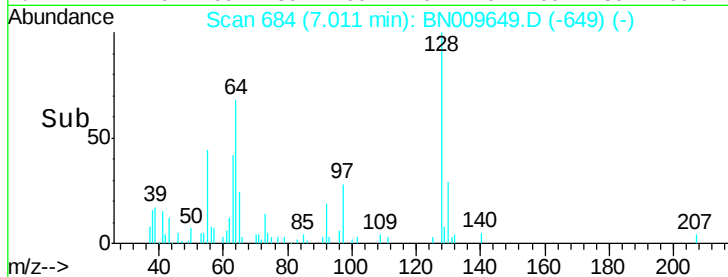
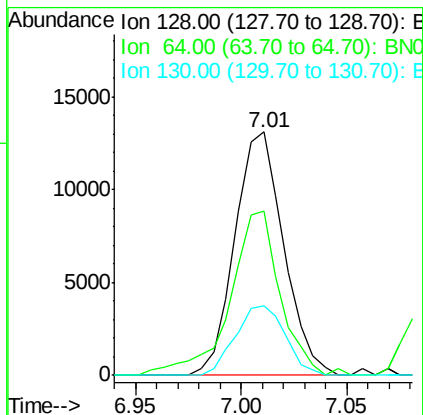
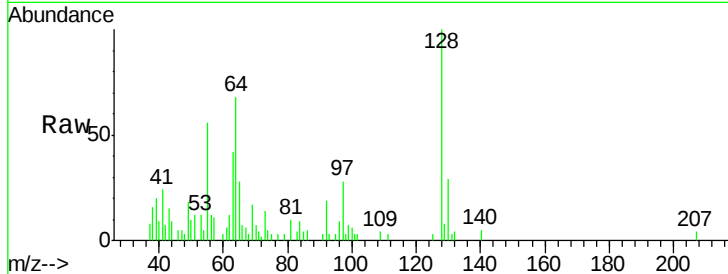




#10
2-Chlorophenol
Concen: 1.81 ng/ul
RT: 7.01 min Scan# 684
Delta R.T. 0.01 min
Lab File: BN009649.D
Acq: 07 Feb 2020 15:37

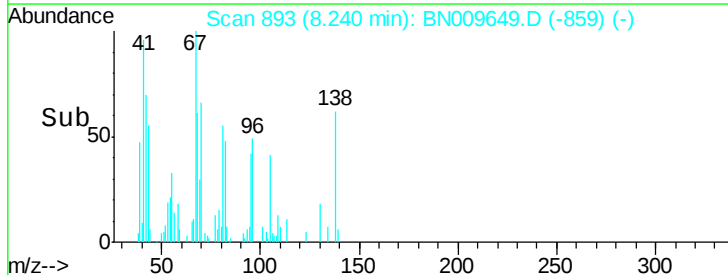
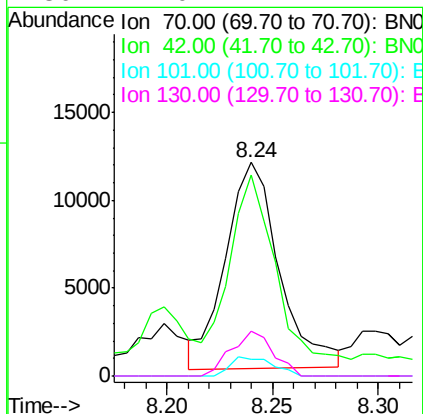
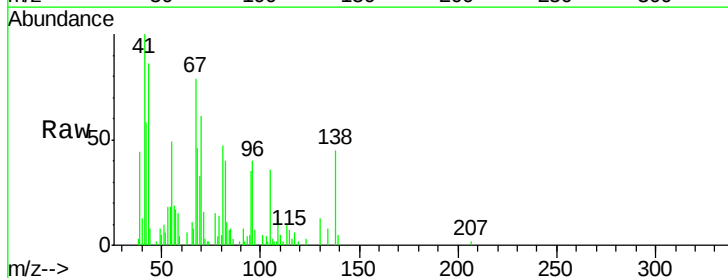
Instrument :
BNA_N
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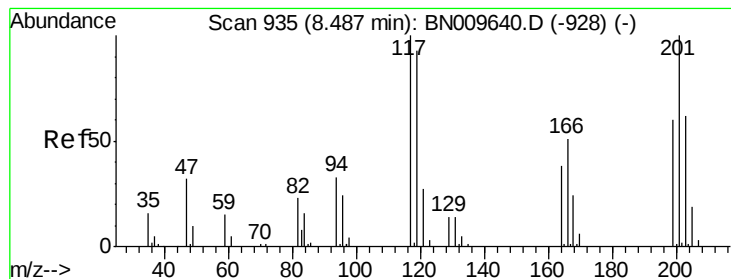
Tgt Ion:128 Resp: 21070
Ion Ratio Lower Upper
128 100
64 67.6 51.6 77.4
130 28.5 25.5 38.3



#15
N-Nitroso-di-n-propylamine
Concen: 2.01 ng/ul
RT: 8.24 min Scan# 893
Delta R.T. -0.00 min
Lab File: BN009649.D
Acq: 07 Feb 2020 15:37

Tgt Ion: 70 Resp: 20634
Ion Ratio Lower Upper
70 100
42 94.2 68.3 102.5
101 7.9 7.4 11.0
130 21.0 14.2 21.2





#17

Hexachloroethane

Concen: 6.33 ng/ul

RT: 8.46 min Scan# 930

Delta R.T. -0.03 min

Lab File: BN009649.D

Acq: 07 Feb 2020 15:37

Instrument :

BNA_N

ClientSampleId :

GAT66MSD

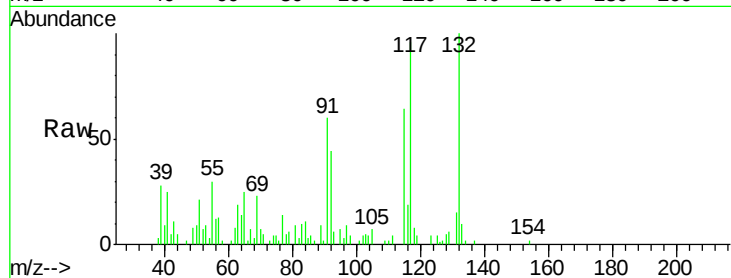
Tgt Ion:117 Resp: 33327

Ion Ratio Lower Upper

117 100

201 0.0 78.8 118.2#

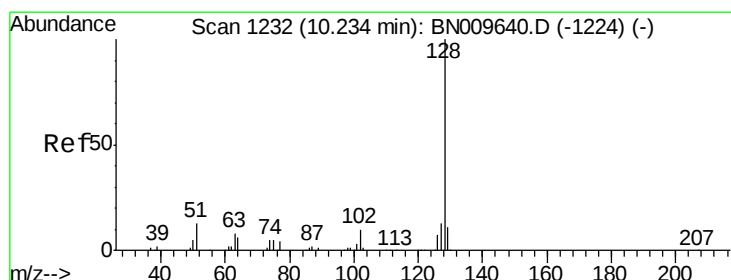
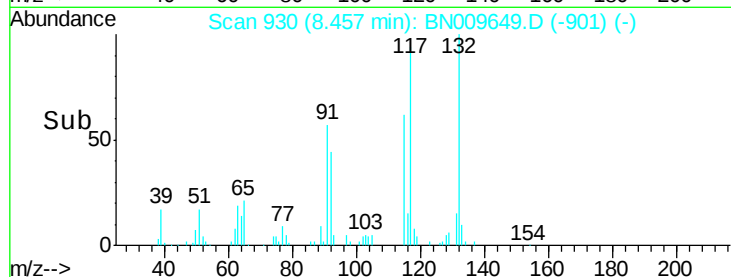
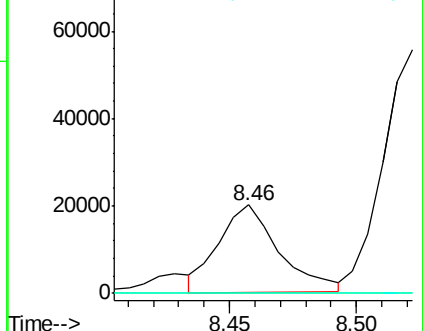
199 0.0 49.0 73.4#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#28

Naphthalene

Concen: 397.36 ng/ul

RT: 10.25 min Scan# 1234

Delta R.T. 0.01 min

Lab File: BN009649.D

Acq: 07 Feb 2020 15:37

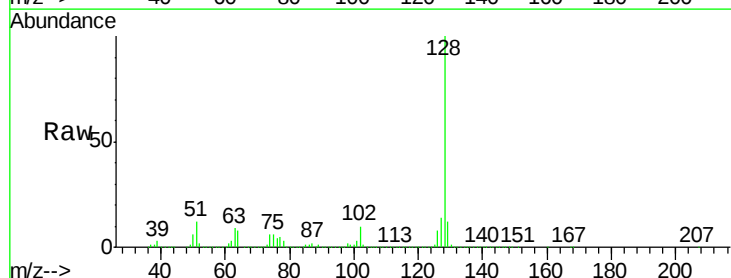
Tgt Ion:128 Resp:15900373

Ion Ratio Lower Upper

128 100

129 11.5 8.7 13.1

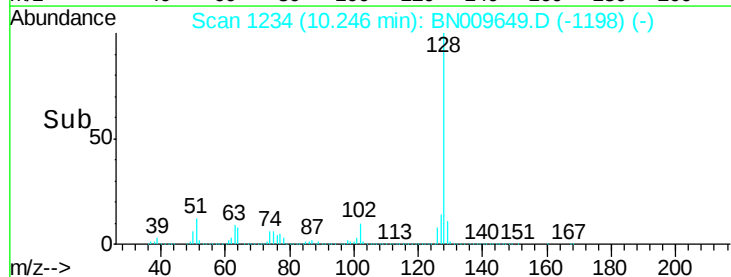
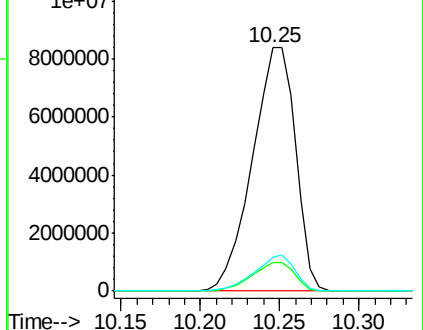
127 13.6 10.7 16.1

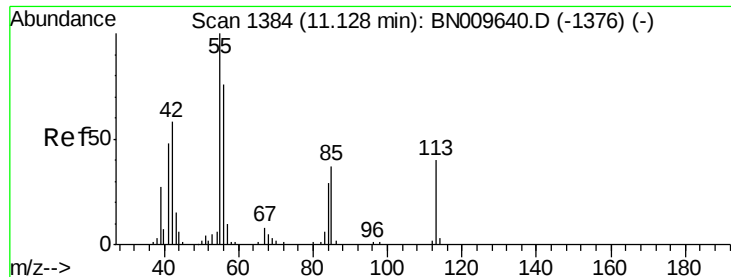


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Caprolactam

Concen: 2.39 ng/ul

RT: 11.12 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BN009649.D

Acq: 07 Feb 2020 15:37

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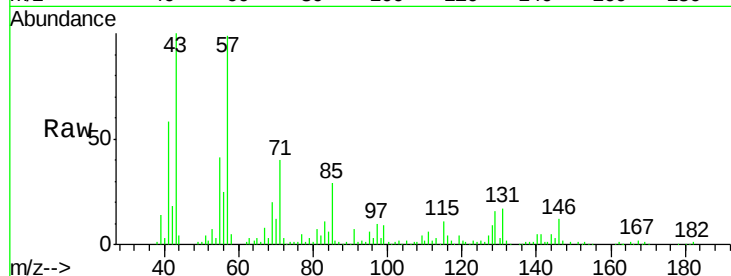
Tgt Ion:113 Resp: 9318

Ion Ratio Lower Upper

113 100

55 1209.1 207.0 310.6#

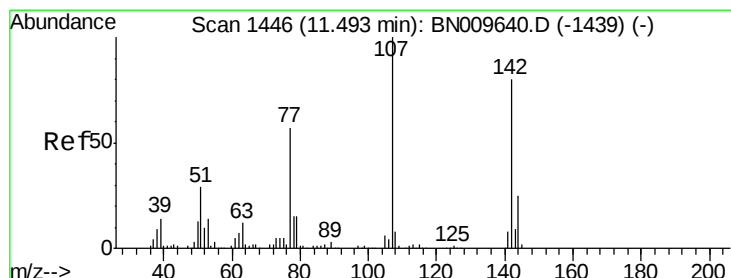
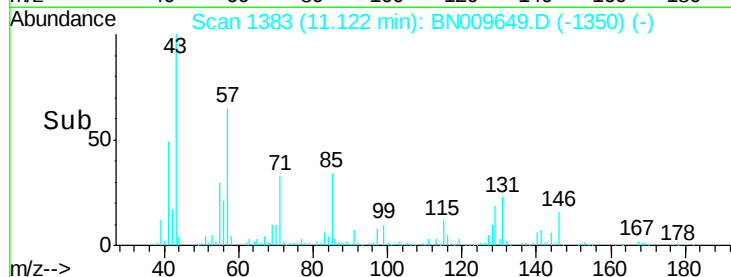
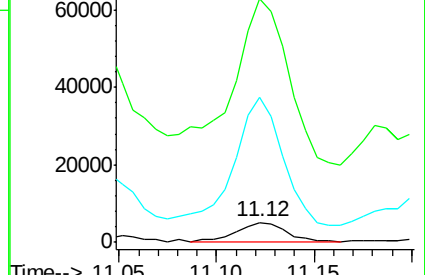
56 718.6 159.3 238.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#33

4-Chloro-3-methylphenol

Concen: 1.66 ng/ul

RT: 11.50 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BN009649.D

Acq: 07 Feb 2020 15:37

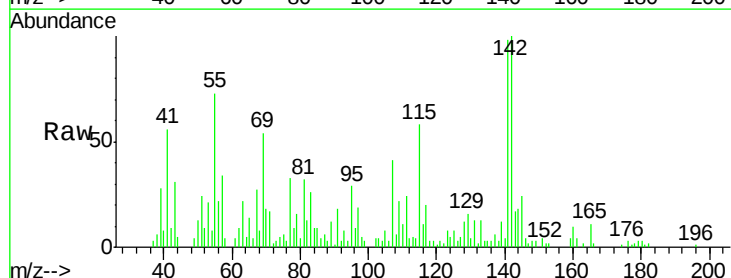
Tgt Ion:107 Resp: 22507

Ion Ratio Lower Upper

107 100

144 44.0 19.2 28.8#

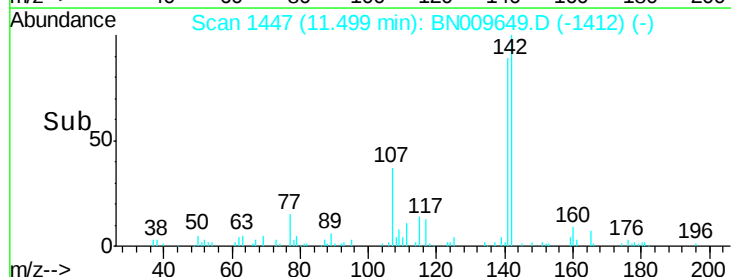
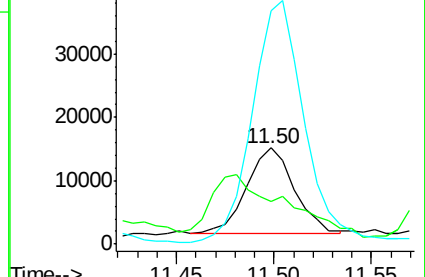
142 243.8 61.3 91.9#

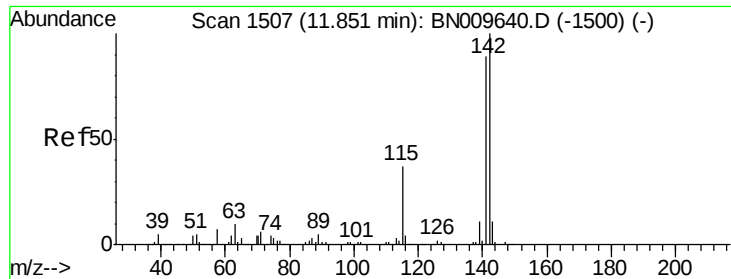


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

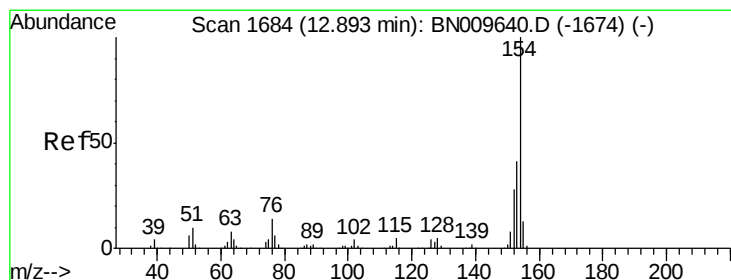
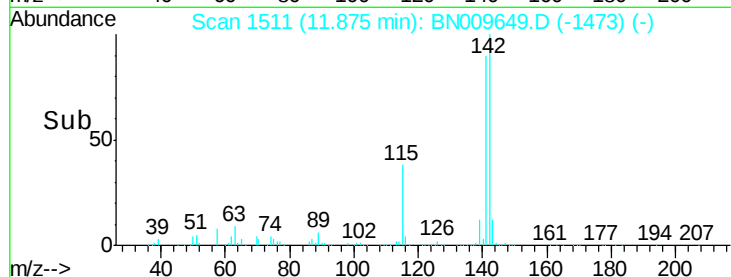
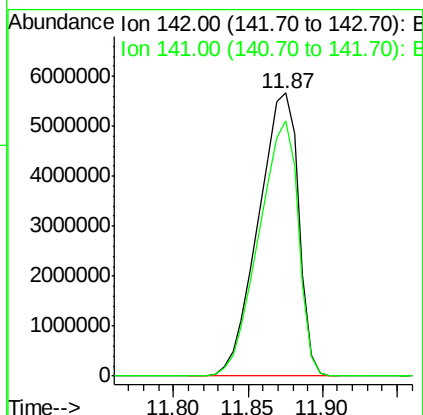
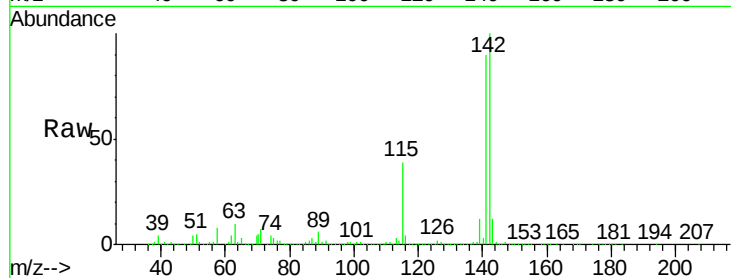




#34
 2-Methylnaphthalene
 Concen: 378.62 ng/ul
 RT: 11.87 min Scan# 1511
 Delta R.T. 0.02 min
 Lab File: BN009649.D
 Acq: 07 Feb 2020 15:37

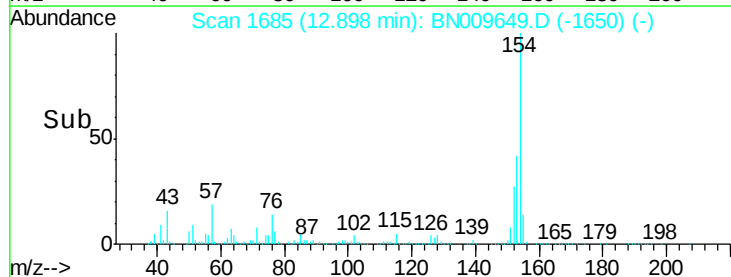
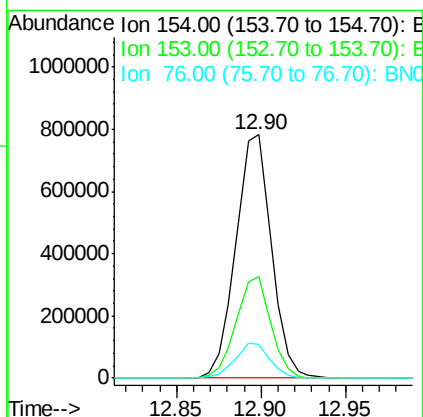
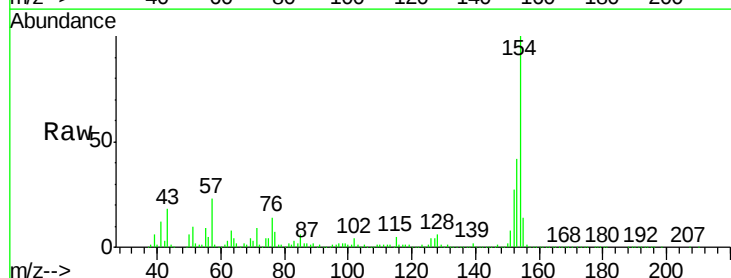
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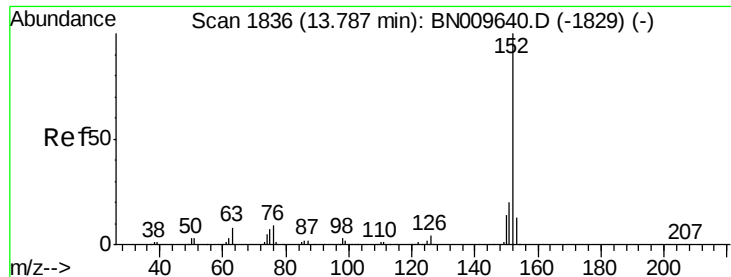
Tgt Ion:142 Resp:10602490
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.5 107.3



#40
 1,1'-Biphenyl
 Concen: 32.85 ng/ul
 RT: 12.90 min Scan# 1685
 Delta R.T. 0.01 min
 Lab File: BN009649.D
 Acq: 07 Feb 2020 15:37

Tgt Ion:154 Resp: 1148029
 Ion Ratio Lower Upper
 154 100
 153 41.9 31.2 46.8
 76 13.7 11.4 17.2





#47

Acenaphthylene

Concen: 148.72 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BN009649.D

Acq: 07 Feb 2020 15:37

Instrument :

BNA_N

ClientSampleId :

GAT66MSD

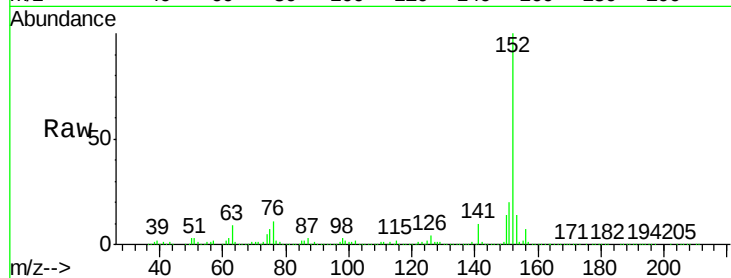
Tgt Ion:152 Resp: 6443760

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

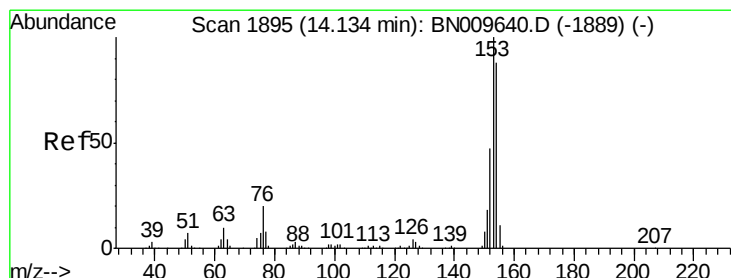
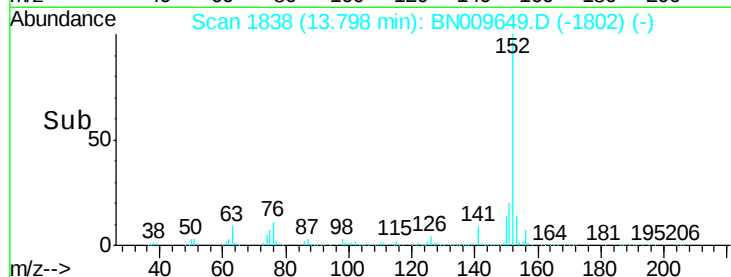
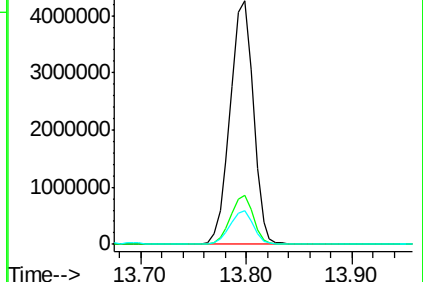
153 14.1 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 18.63 ng/ul

RT: 14.14 min Scan# 1896

Delta R.T. 0.01 min

Lab File: BN009649.D

Acq: 07 Feb 2020 15:37

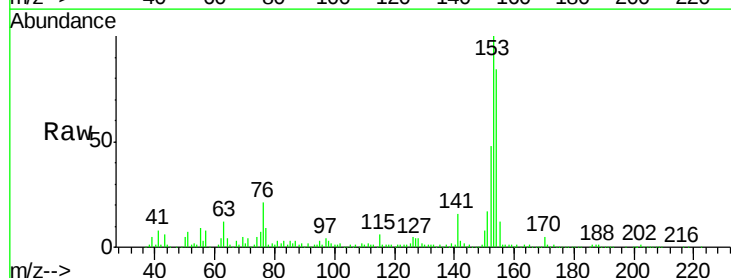
Tgt Ion:153 Resp: 548731

Ion Ratio Lower Upper

153 100

152 48.0 37.3 55.9

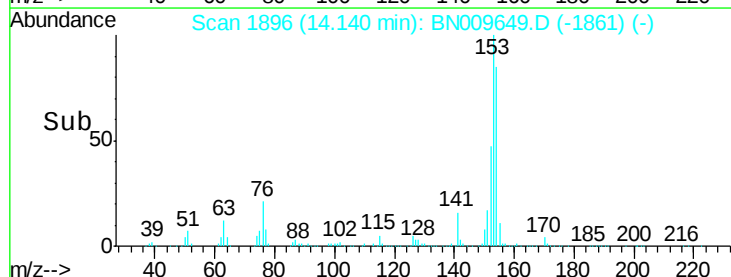
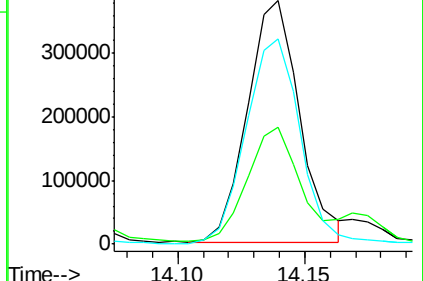
154 84.3 70.2 105.2

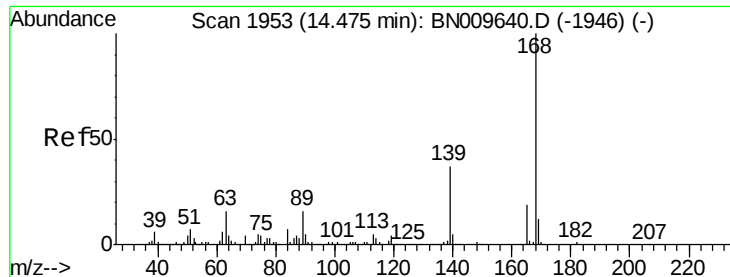


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 12.69 ng/ul

RT: 14.47 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BN009649.D

Acq: 07 Feb 2020 15:37

Instrument :

BNA_N

ClientSampleId :

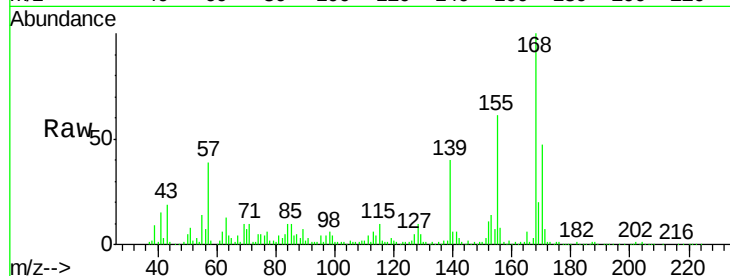
GAT66MSD

Tgt Ion:168 Resp: 520644

Ion Ratio Lower Upper

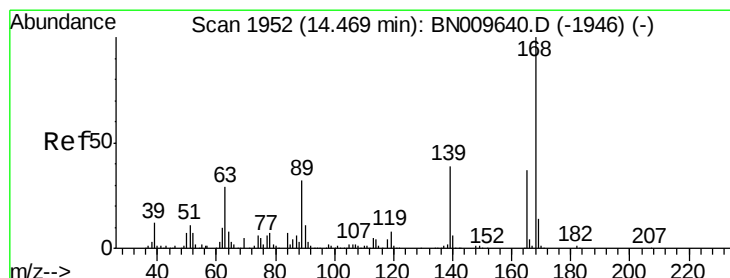
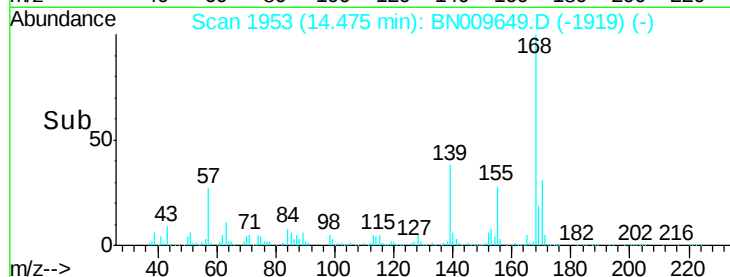
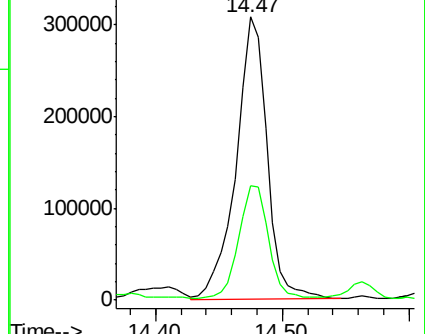
168 100

139 40.2 29.5 44.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 4.31 ng/ul

RT: 14.49 min Scan# 1955

Delta R.T. 0.02 min

Lab File: BN009649.D

Acq: 07 Feb 2020 15:37

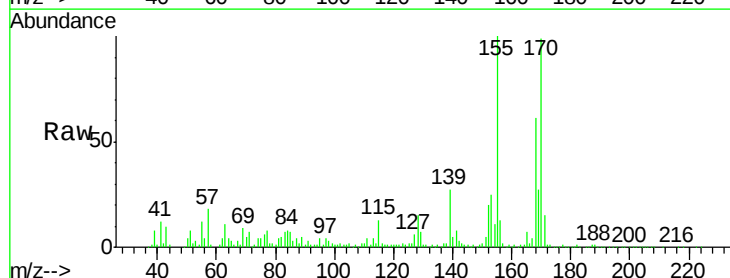
Tgt Ion:165 Resp: 42942

Ion Ratio Lower Upper

165 100

63 149.9 55.0 82.4#

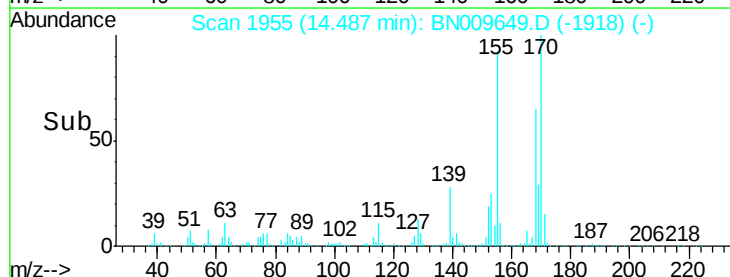
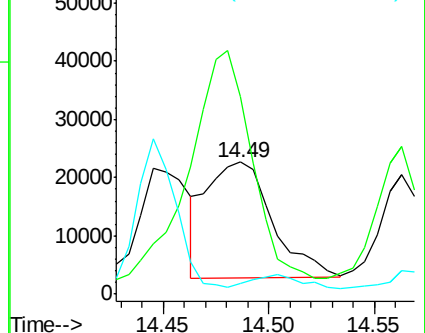
182 8.4 2.4 3.6#

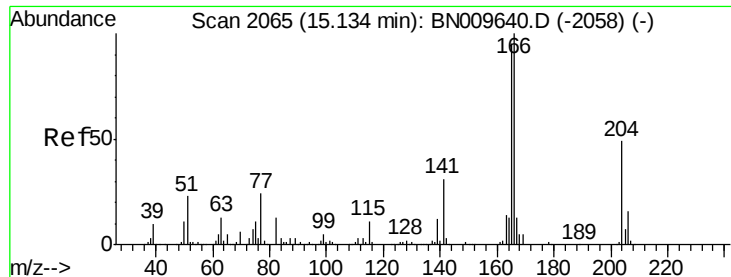


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E

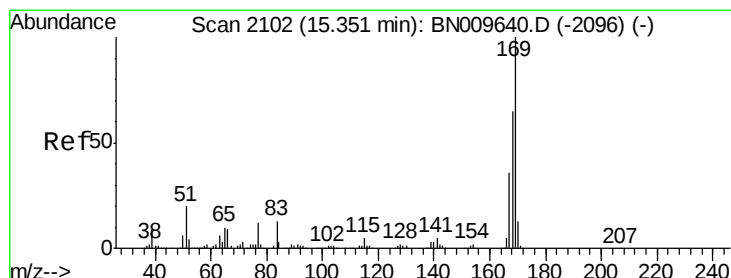
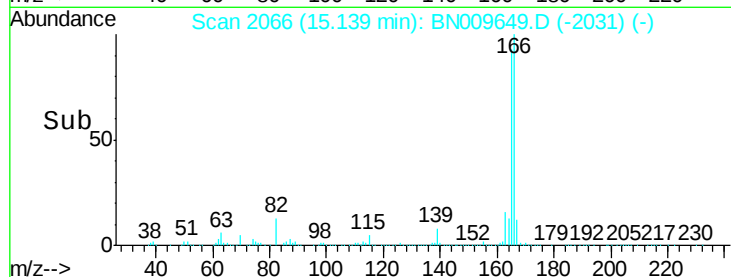
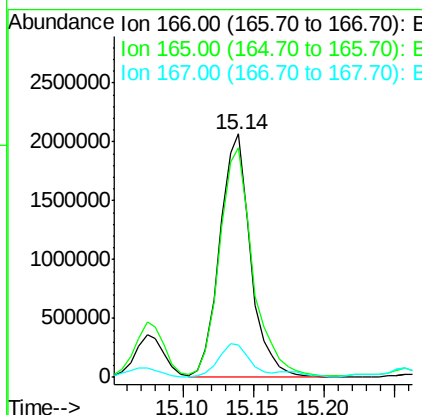
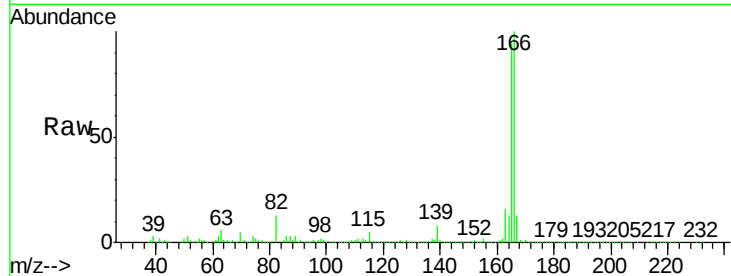




#58
 Fluorene
 Concen: 91.19 ng/ul
 RT: 15.14 min Scan# 2066
 Delta R.T. 0.01 min
 Lab File: BN009649.D
 Acq: 07 Feb 2020 15:37

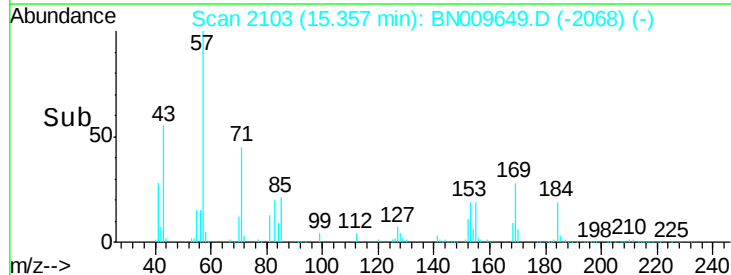
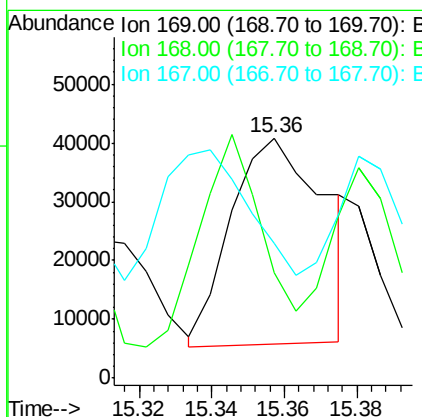
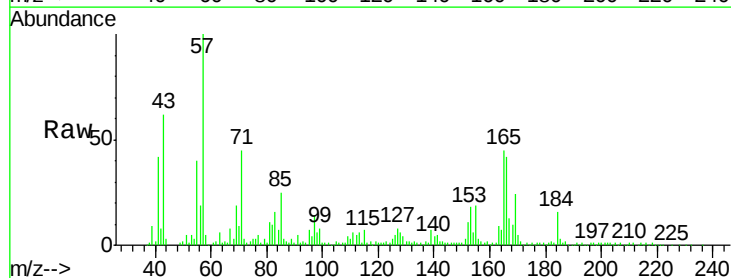
Instrument :
 BNA_N
 ClientSampled :
 GAT66MSD

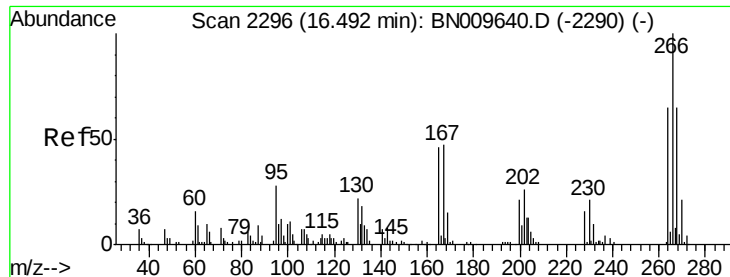
Tgt Ion:166 Resp: 3126088
 Ion Ratio Lower Upper
 166 100
 165 94.1 76.7 115.1
 167 13.2 11.1 16.7



#64
 N-Nitrosodiphenylamine
 Concen: 2.41 ng/ul
 RT: 15.36 min Scan# 2103
 Delta R.T. 0.01 min
 Lab File: BN009649.D
 Acq: 07 Feb 2020 15:37

Tgt Ion:169 Resp: 62721
 Ion Ratio Lower Upper
 169 100
 168 43.7 53.8 80.8#
 167 55.9 27.5 41.3#

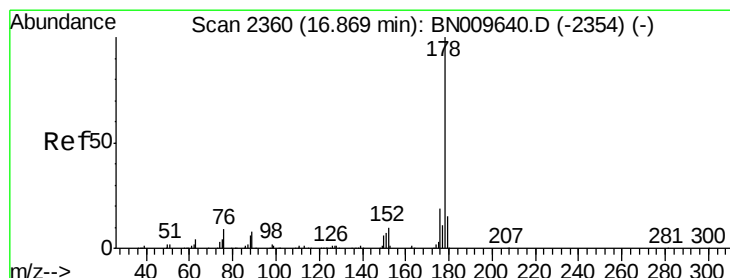
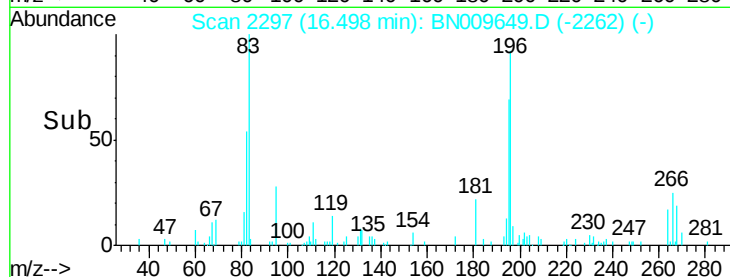
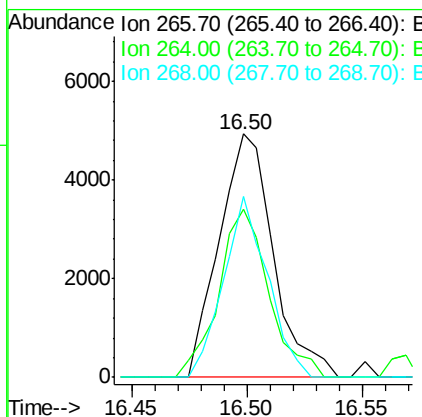
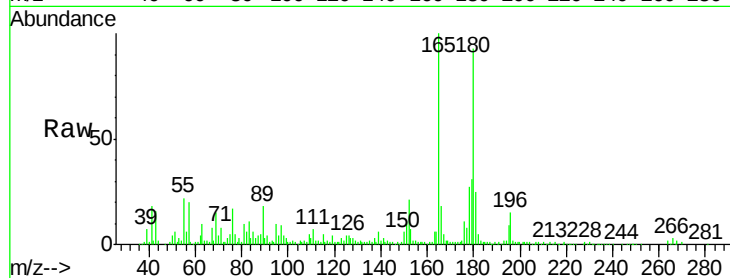




#68
 Pentachlorophenol
 Concen: 1.42 ng/ul
 RT: 16.50 min Scan# 2297
 Delta R.T. 0.01 min
 Lab File: BN009649.D
 Acq: 07 Feb 2020 15:37

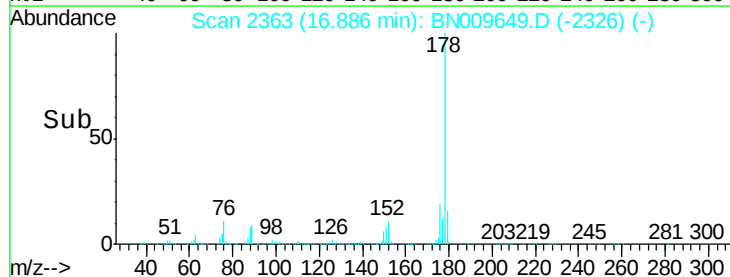
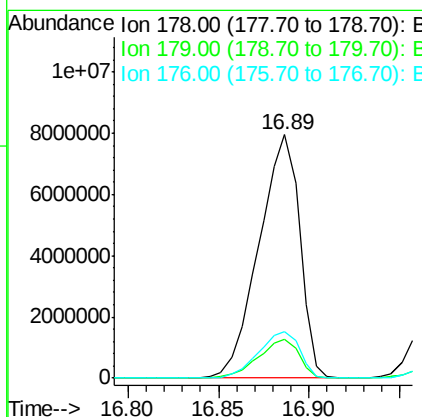
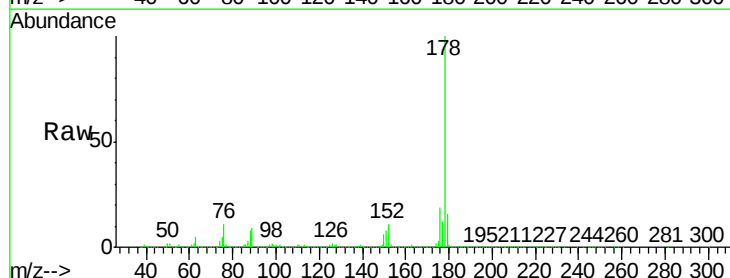
Instrument :
 BNA_N
 ClientSampleId :
 GAT66MSD

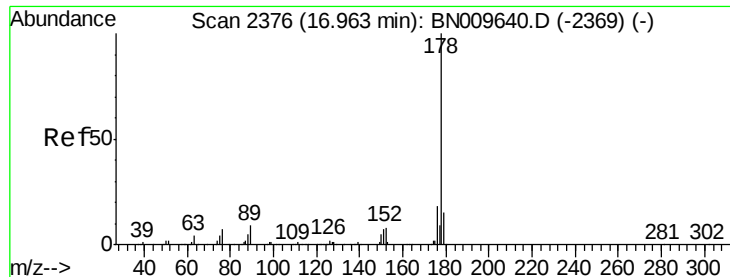
Tgt Ion:266 Resp: 8070
 Ion Ratio Lower Upper
 266 100
 264 69.2 48.1 72.1
 268 74.4 50.4 75.6



#69
 Phenanthrene
 Concen: 250.12 ng/ul
 RT: 16.89 min Scan# 2363
 Delta R.T. 0.02 min
 Lab File: BN009649.D
 Acq: 07 Feb 2020 15:37

Tgt Ion:178 Resp:12422117
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.2 18.2
 176 19.2 14.8 22.2





#71

Anthracene

Concen: 63.93 ng/ul

RT: 16.97 min Scan# 2377

Delta R.T. 0.01 min

Lab File: BN009649.D

Acq: 07 Feb 2020 15:37

Instrument :

BNA_N

ClientSampleId :

GAT66MSD

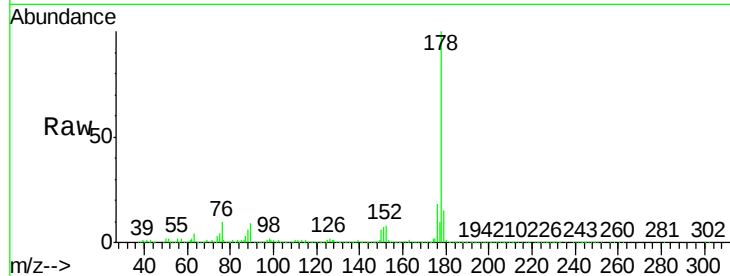
Tgt Ion:178 Resp: 3221319

Ion Ratio Lower Upper

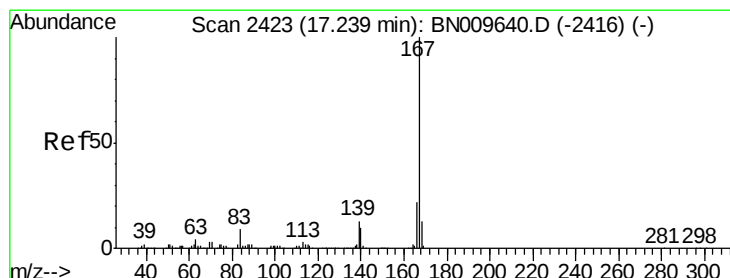
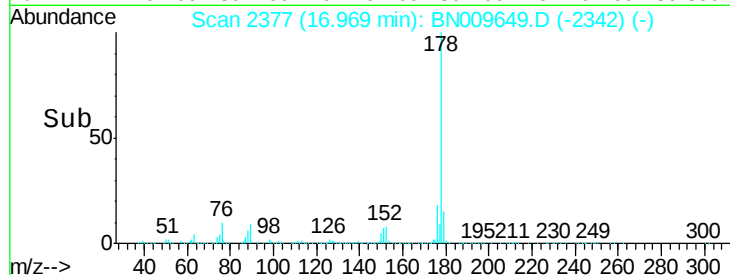
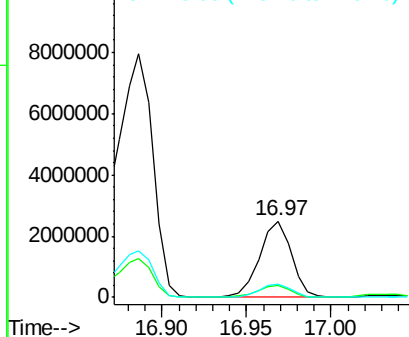
178 100

179 15.0 12.1 18.1

176 18.1 14.6 21.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#74

Carbazole

Concen: 1.81 ng/ul

RT: 17.24 min Scan# 2423

Delta R.T. -0.00 min

Lab File: BN009649.D

Acq: 07 Feb 2020 15:37

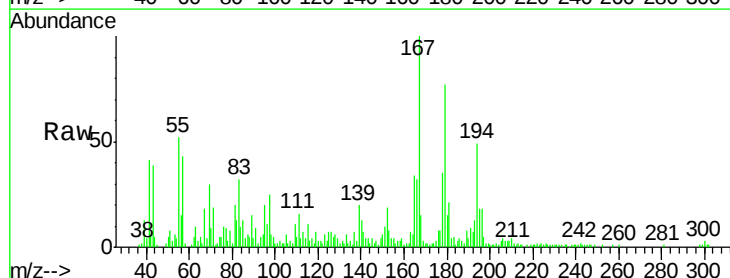
Tgt Ion:167 Resp: 79589

Ion Ratio Lower Upper

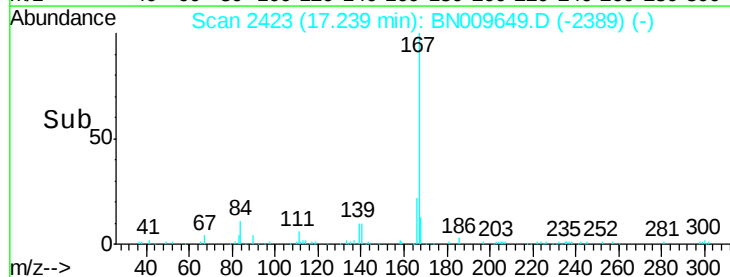
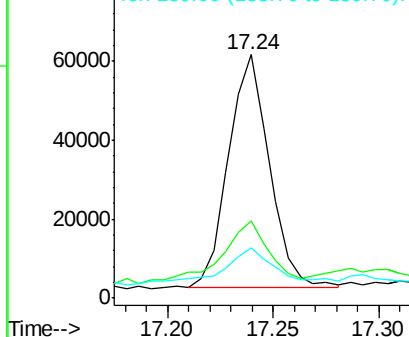
167 100

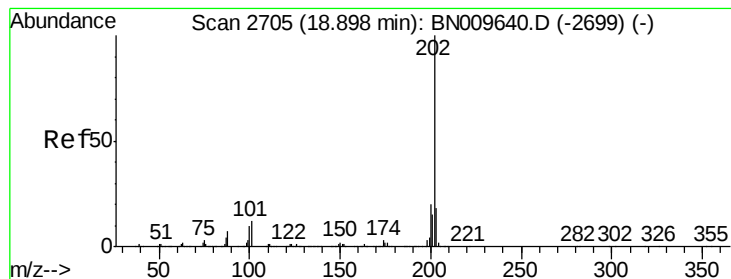
166 31.7 16.2 24.4#

139 20.4 10.4 15.6#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#76

Fluoranthene

Concen: 118.72 ng/ul

RT: 18.91 min Scan# 2707

Delta R.T. 0.01 min

Lab File: BN009649.D

Acq: 07 Feb 2020 15:37

Instrument :

BNA_N

ClientSampleId :

GAT66MSD

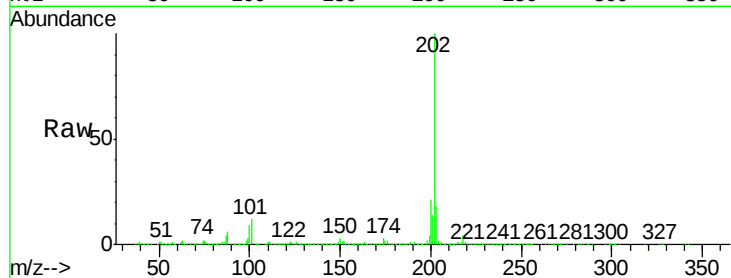
Tgt Ion:202 Resp: 6729483

Ion Ratio Lower Upper

202 100

101 11.9 9.2 13.8

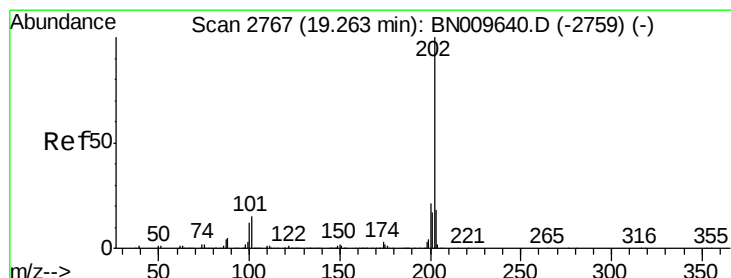
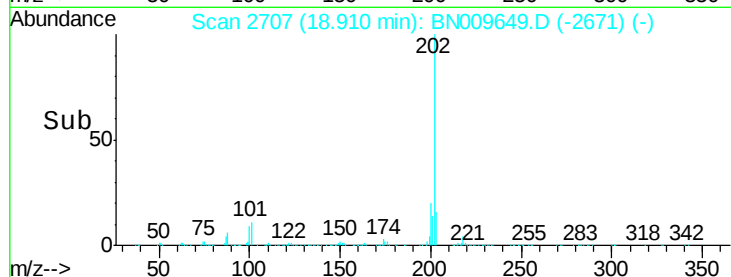
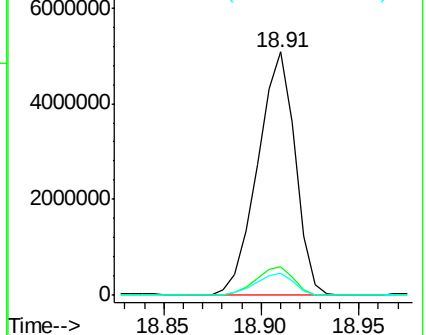
100 9.1 6.9 10.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 8.62 ng/ul

RT: 19.17 min Scan# 2752

Delta R.T. -0.09 min

Lab File: BN009649.D

Acq: 07 Feb 2020 15:37

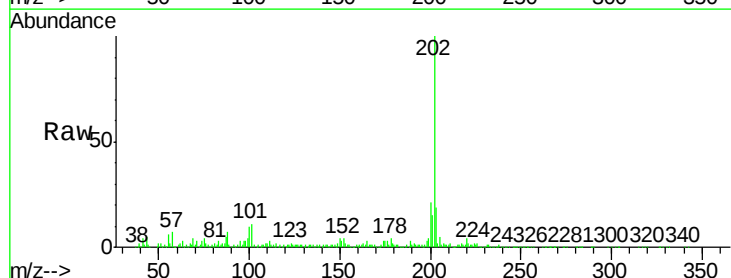
Tgt Ion:202 Resp: 474350

Ion Ratio Lower Upper

202 100

101 11.2 10.3 15.5

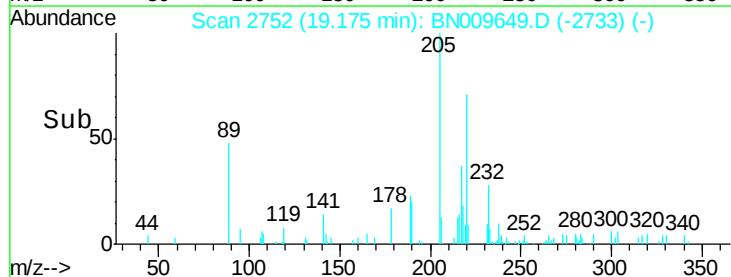
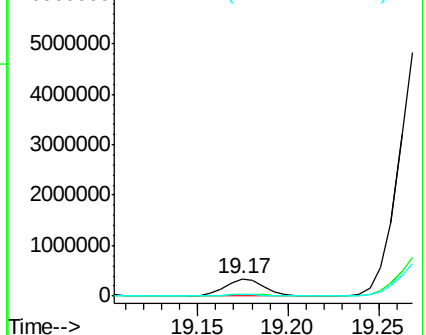
100 9.7 8.4 12.6

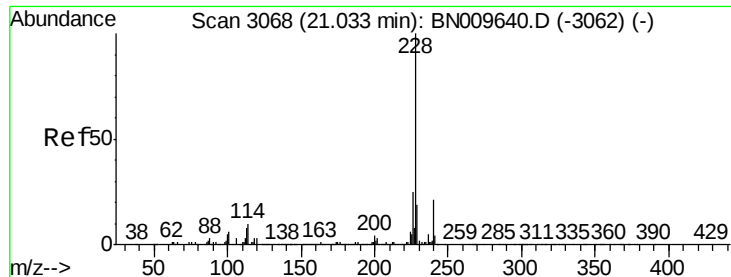


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 62.24 ng/ul

RT: 21.09 min Scan# 3077

Delta R.T. 0.05 min

Lab File: BN009649.D

Acq: 07 Feb 2020 15:37

Instrument :

BNA_N

ClientSampleId :

GAT66MSD

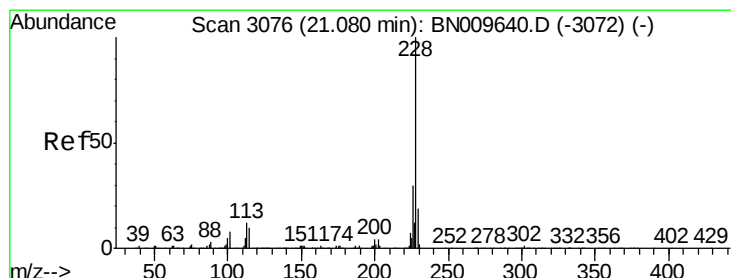
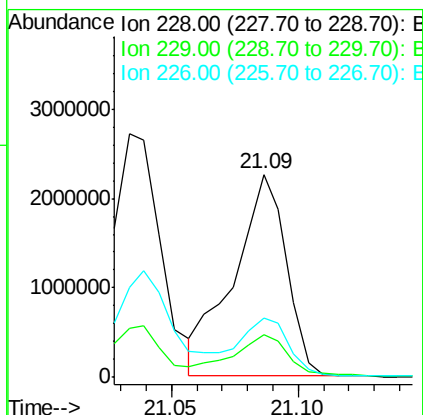
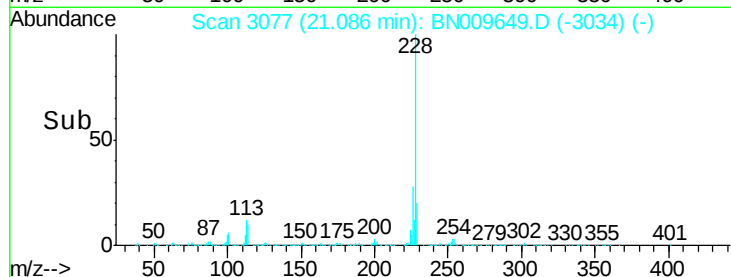
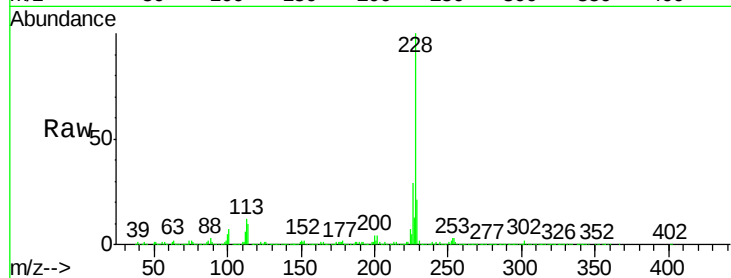
Tgt Ion:228 Resp: 3239279

Ion Ratio Lower Upper

228 100

229 21.0 15.0 22.4

226 29.1 20.9 31.3



#84

Chrysene

Concen: 62.54 ng/ul

RT: 21.09 min Scan# 3077

Delta R.T. 0.01 min

Lab File: BN009649.D

Acq: 07 Feb 2020 15:37

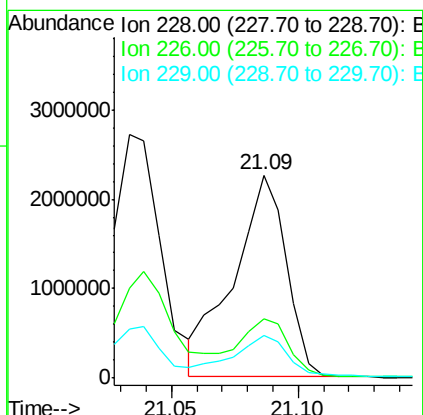
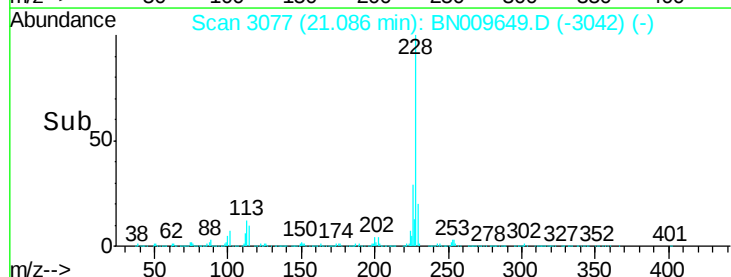
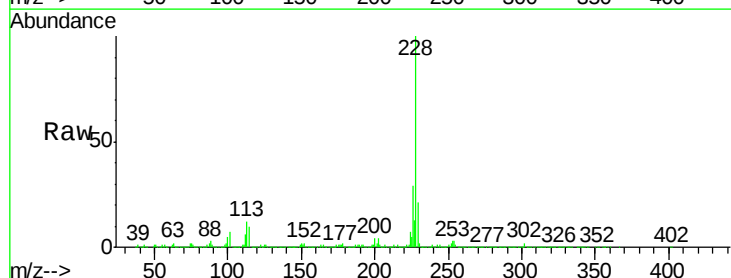
Tgt Ion:228 Resp: 3240620

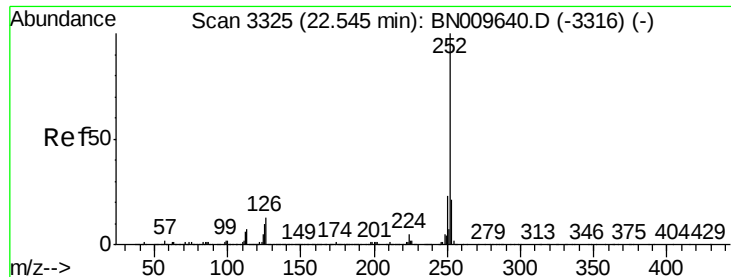
Ion Ratio Lower Upper

228 100

226 29.1 23.5 35.3

229 21.0 15.8 23.8

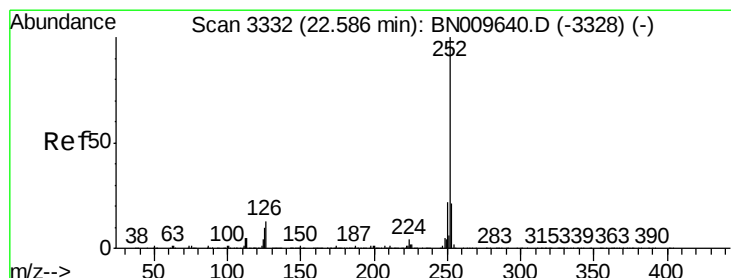
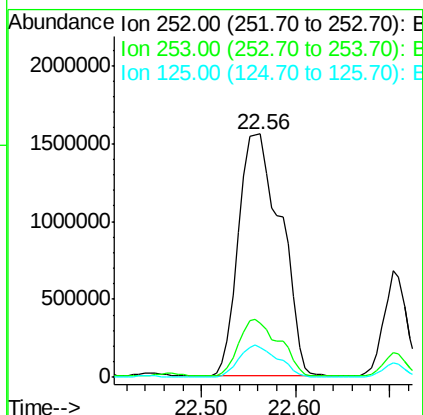
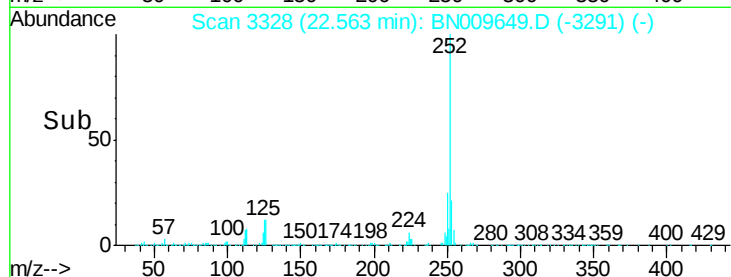
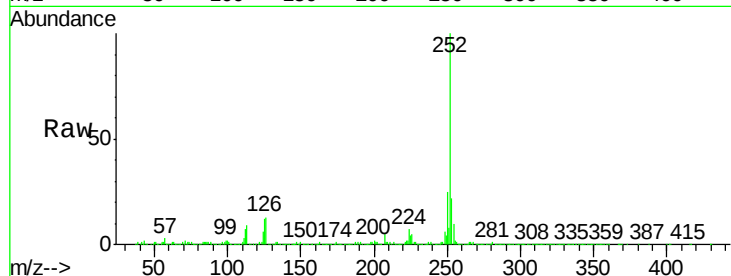




#87
Benzo(b)fluoranthene
Concen: 93.44 ng/ul
RT: 22.56 min Scan# 3328
Delta R.T. 0.02 min
Lab File: BN009649.D
Acq: 07 Feb 2020 15:37

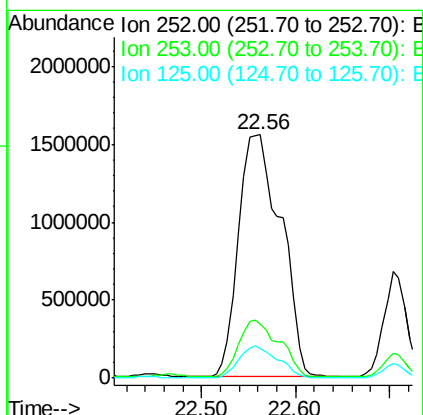
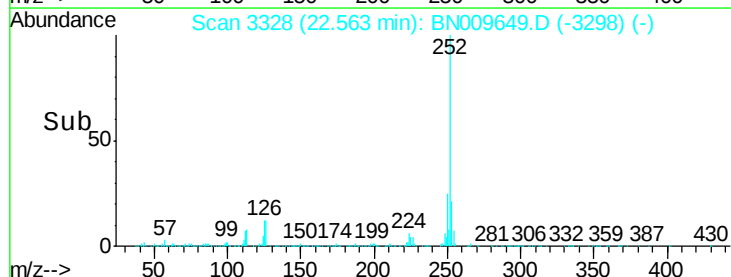
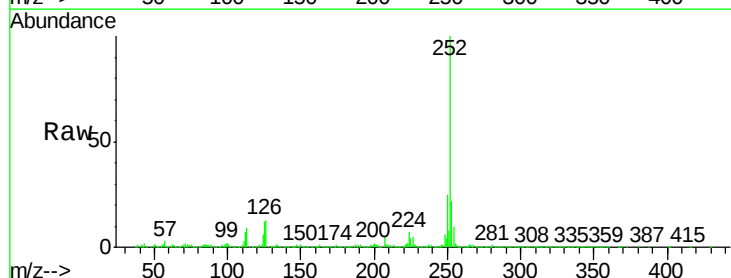
Instrument :
BNA_N
ClientSampleId :
GAT66MSD

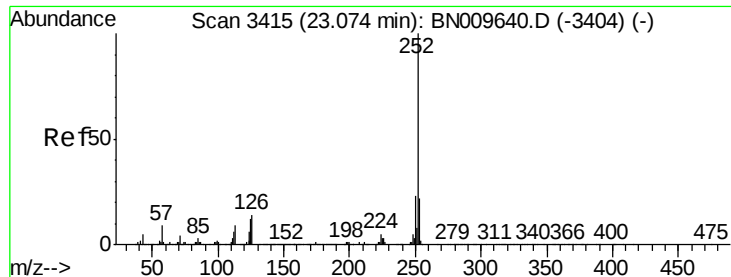
Tgt Ion:252 Resp: 4862998
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 12.2 8.2 12.2



#88
Benzo(k)fluoranthene
Concen: 94.88 ng/ul
RT: 22.56 min Scan# 3328
Delta R.T. -0.02 min
Lab File: BN009649.D
Acq: 07 Feb 2020 15:37

Tgt Ion:252 Resp: 4862998
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 12.2 8.0 12.0#





#90

Benzo(a)pyrene

Concen: 79.84 ng/ul

RT: 23.09 min Scan# 3417

Delta R.T. 0.01 min

Lab File: BN009649.D

Acq: 07 Feb 2020 15:37

Instrument :

BNA_N

ClientSampleId :

GAT66MSD

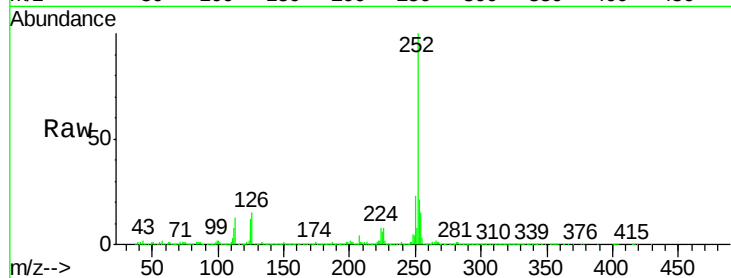
Tgt Ion:252 Resp: 3850080

Ion Ratio Lower Upper

252 100

253 21.5 15.8 23.8

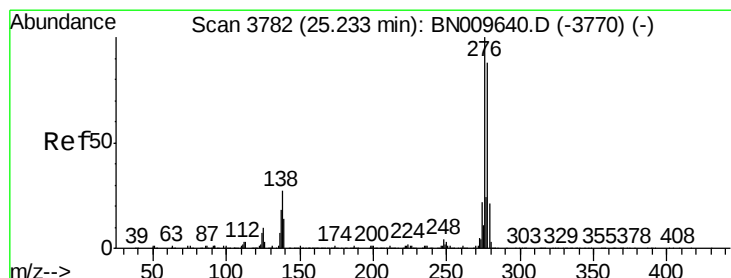
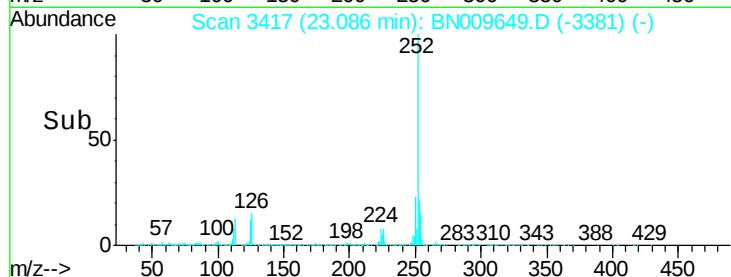
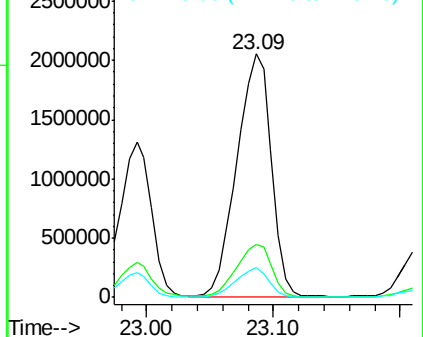
125 12.0 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 32.36 ng/ul

RT: 25.24 min Scan# 3784

Delta R.T. 0.01 min

Lab File: BN009649.D

Acq: 07 Feb 2020 15:37

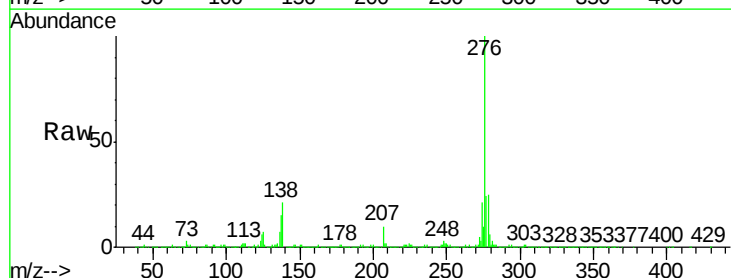
Tgt Ion:276 Resp: 1854989

Ion Ratio Lower Upper

276 100

138 21.0 20.3 30.5

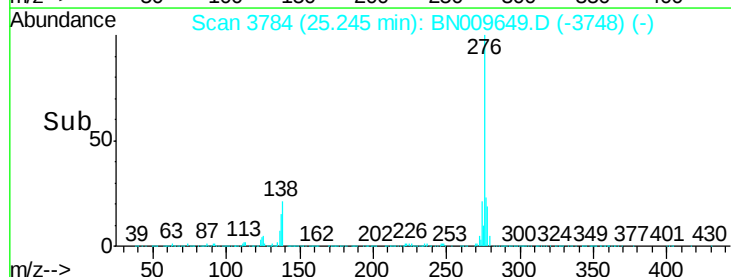
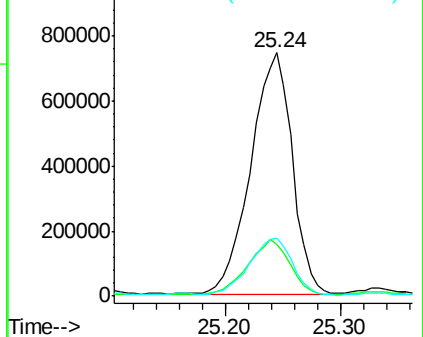
277 23.7 21.2 31.8

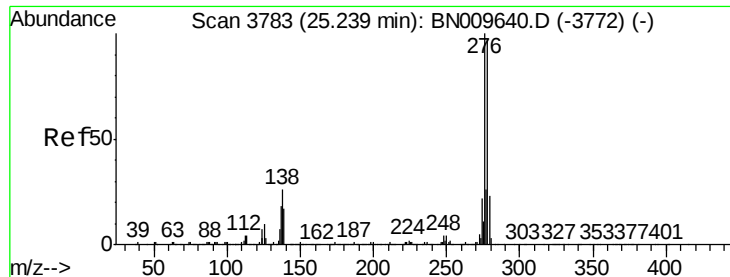


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 11.81 ng/ul

RT: 25.24 min Scan# 3783

Delta R.T. -0.00 min

Lab File: BN009649.D

Acq: 07 Feb 2020 15:37

Instrument :

BNA_N

ClientSampled :

GAT66MSD

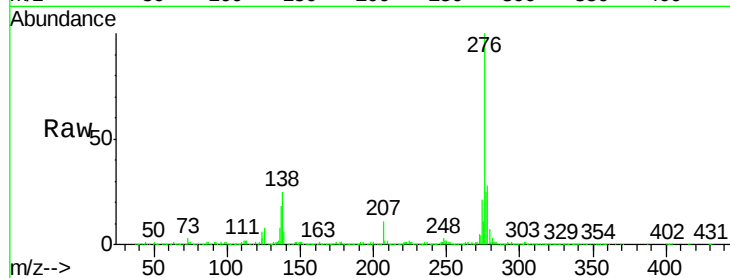
Tgt Ion:278 Resp: 569879

Ion Ratio Lower Upper

278 100

139 21.5 12.7 19.1#

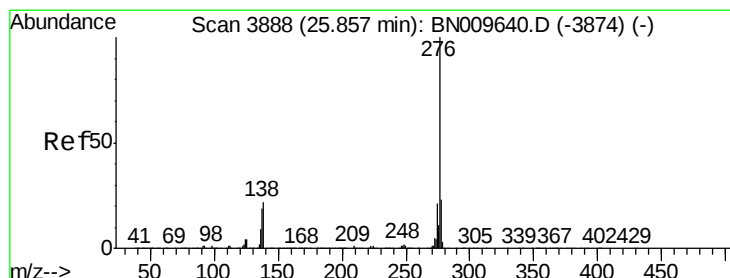
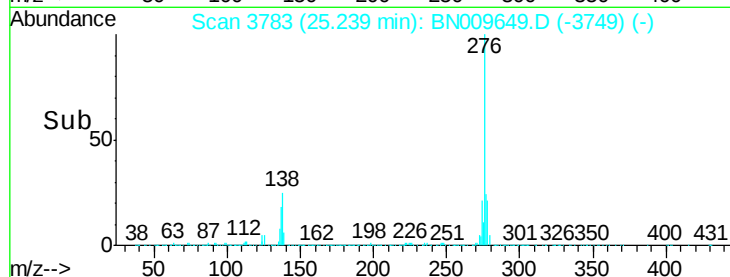
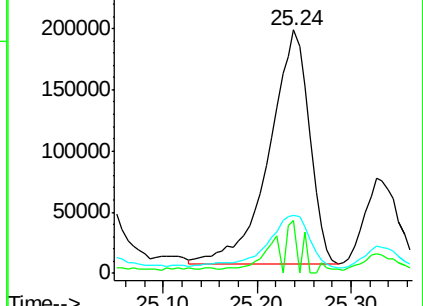
279 23.8 19.8 29.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 40.42 ng/ul

RT: 25.87 min Scan# 3891

Delta R.T. 0.02 min

Lab File: BN009649.D

Acq: 07 Feb 2020 15:37

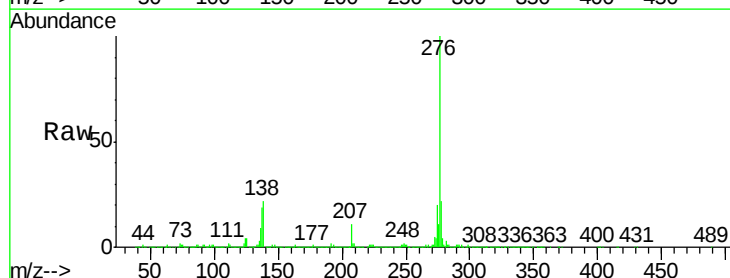
Tgt Ion:276 Resp: 1942138

Ion Ratio Lower Upper

276 100

138 22.3 16.0 24.0

277 22.3 17.0 25.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

