

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042920\
 Data File : BN010653.D
 Acq On : 29 Apr 2020 13:10
 Operator : CG/JU
 Sample : L2321-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2M15

Quant Time: Apr 29 13:51:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 29 11:04:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	452375	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	1989350	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	1262838	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	2783633	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	2487540	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	2271896	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	27469	3.18	ng/uL	0.00
5) Phenol-d5	6.78	99	866815	24.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	436081	24.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	707144	23.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	660759	21.94	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	368043	24.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	402412	23.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	770919	23.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	955315	24.88	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	2535873	27.06	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	2921823	25.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	432482	23.71	ng/ul	0.00
58) Fluorene-d10	15.20	176	2139514	25.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	286918	19.73	ng/ul	0.00
71) Anthracene-d10	17.06	188	3787437	29.38	ng/ul	0.00
79) Pyrene-d10	19.36	212	4478424	31.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	3722781	31.59	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.80	94	1763527	47.698	ng/ul 99
20) Nitrobenzene	8.76	77	1427386	39.866	ng/ul 98
21) Isophorone	9.29	82	3228427	48.885	ng/ul 99
28) Naphthalene	10.39	128	5594314	52.326	ng/ul 99
34) 2-Methylnaphthalene	12.00	142	3217306	42.579	ng/ul 100
39) 2,4,6-Trichlorophenol	12.63	196	1453100	53.260	ng/ul 98
41) 1,1'-Biphenyl	13.03	154	3487795	35.961	ng/ul 100
48) Acenaphthylene	13.92	152	2764509	22.757	ng/ul 99
54) Dibenzofuran	14.61	168	5400001	46.402	ng/ul 99
57) Diethylphthalate	15.05	149	3834670	39.207	ng/ul 98
67) Hexachlorobenzene	16.27	284	1151992	33.324	ng/ul 96
69) Pentachlorophenol	16.62	266	1278709	57.939	ng/ul 96
72) Anthracene	17.09	178	6876283	43.882	ng/ul 98
75) Carbazole	17.36	167	7953974	61.796	ng/ul 98
77) Fluoranthene	19.03	202	8297614	49.403	ng/ul 96
83) Benzo(a)anthracene	21.15	228	6173950	35.778	ng/ul 98
84) Bis(2-ethylhexyl)phthalate	21.11	149	5392132	48.157	ng/ul 100
87) Di-n-octyl phthalate	21.98	149	9603133	59.426	ng/ul 100
92) Indeno(1,2,3-cd)pyrene	25.49	276	7172442	48.379	ng/ul 96
93) Dibenz(a,h)anthracene	25.49	278	6270680	50.361	ng/ul 98
94) Benzo(a,h,i)perylene	26.13	276	6307858	51.412	ng/ul 98

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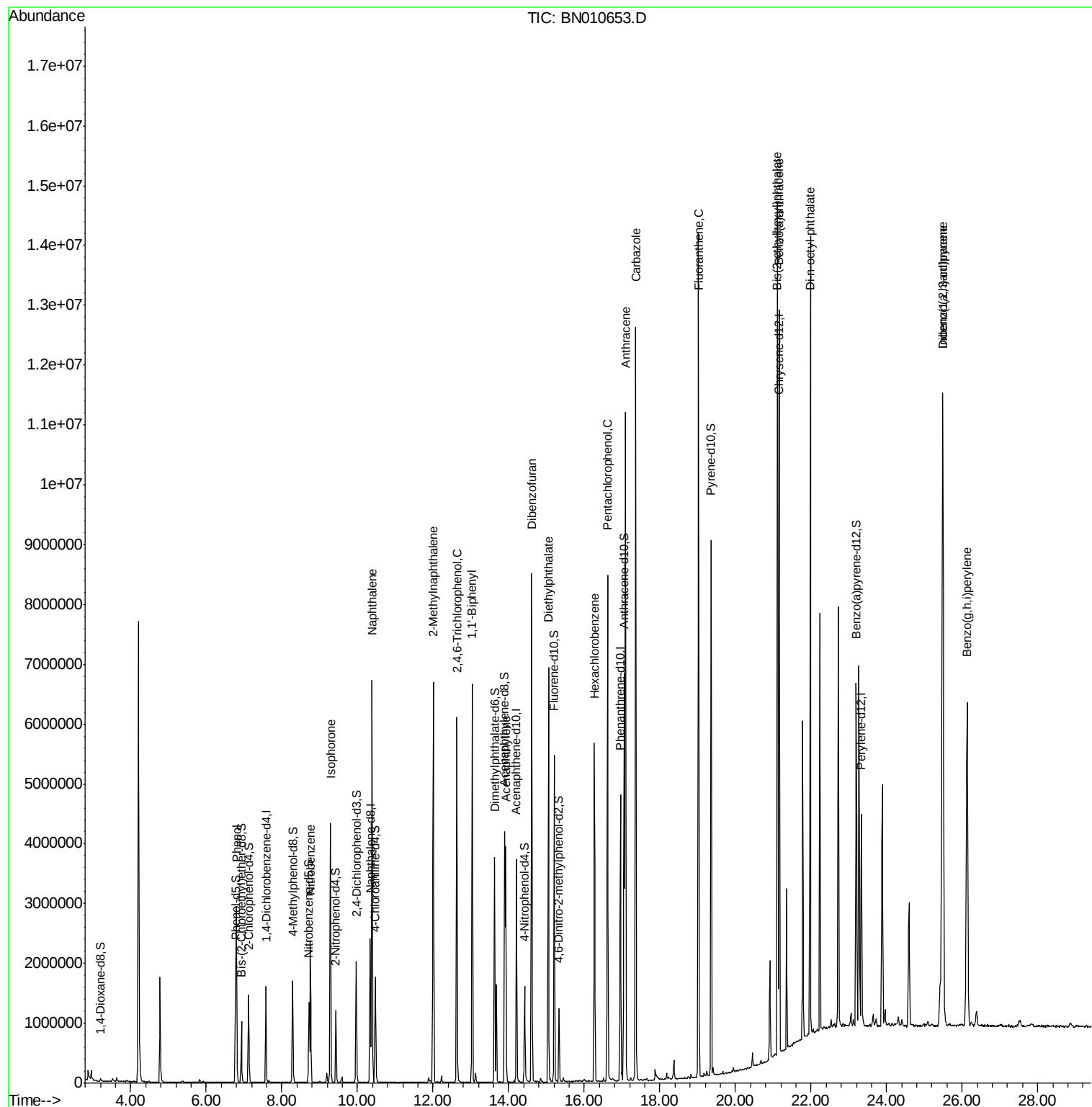
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

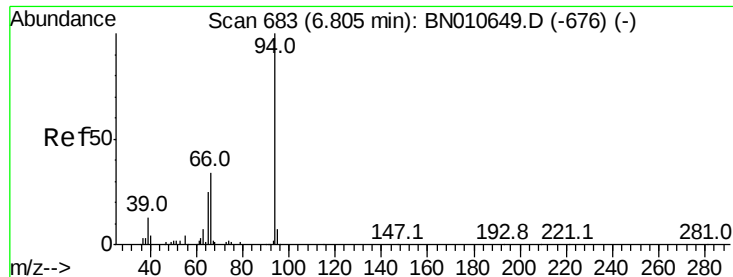
(#)= qualifier out of range (m)= manual integration (+)= signals summed						

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#6

Phenol

Concen: 47.698 ng/ul

RT: 6.80 min Scan# 682

Delta R.T. -0.01 min

Lab File: BN010653.D

Acq: 29 Apr 2020 13:10

Instrument :

BNA_N

ClientSampleId :

X2M15

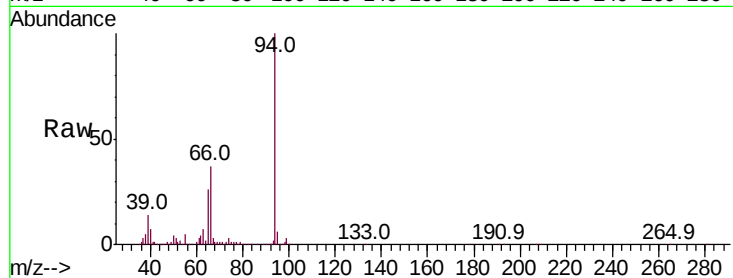
Tot Ion: 94 Resp: 1763527

Ion Ratio Lower Upper

94 100

65 25.7 21.1 31.7

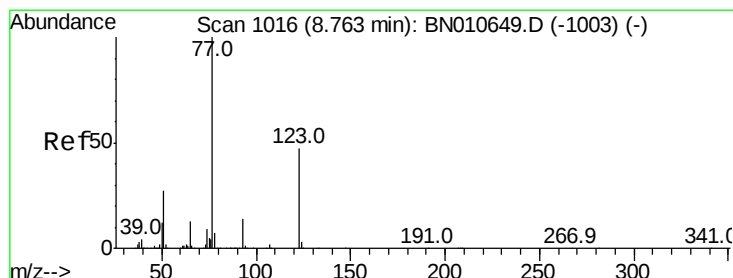
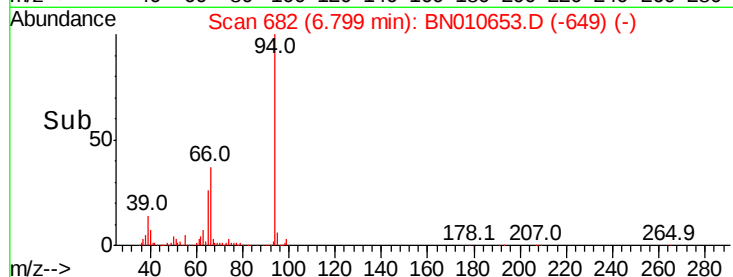
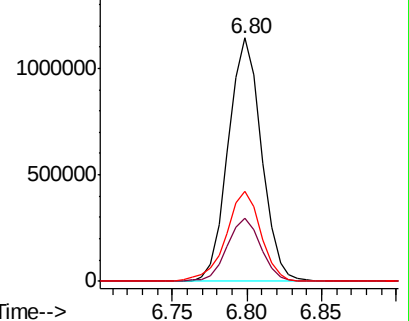
66 37.1 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BN010649.D (-676) (-)

Ion 65.00 (64.70 to 65.70): BN010649.D (-676) (-)

Ion 66.00 (65.70 to 66.70): BN010649.D (-676) (-)



#20

Nitrobenzene

Concen: 39.866 ng/ul

RT: 8.76 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BN010653.D

Acq: 29 Apr 2020 13:10

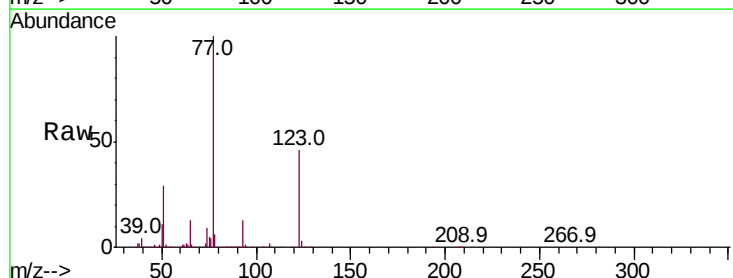
Tgt Ion: 77 Resp: 1427386

Ion Ratio Lower Upper

77 100

123 46.2 36.1 54.1

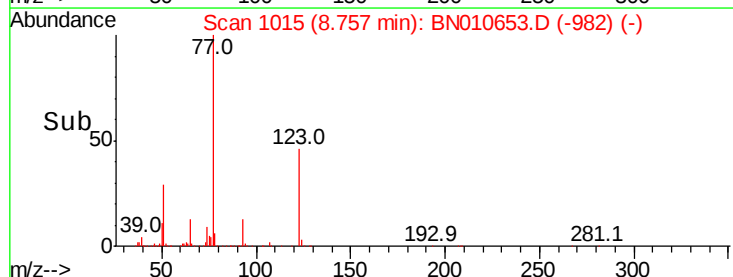
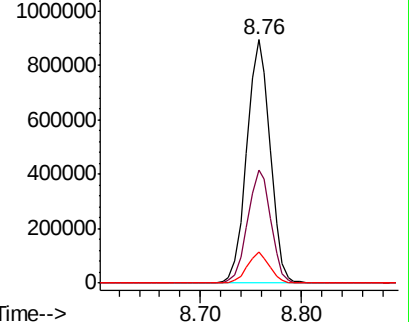
65 12.7 9.3 13.9

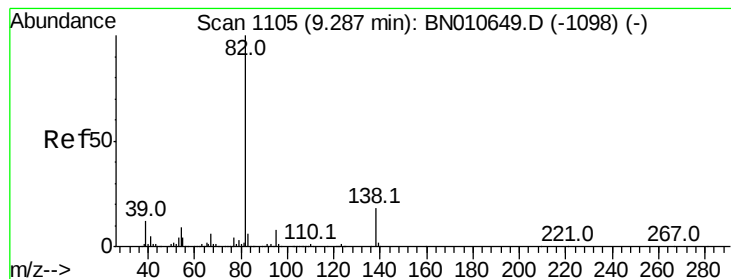


Abundance Ion 77.00 (76.70 to 77.70): BN010649.D (-1003) (-)

Ion 123.00 (122.70 to 123.70): BN010649.D (-1003) (-)

Ion 65.00 (64.70 to 65.70): BN010649.D (-1003) (-)





#21

Isophorone

Concen: 48.885 ng/ul

RT: 9.29 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BN010653.D

Acq: 29 Apr 2020 13:10

Instrument :

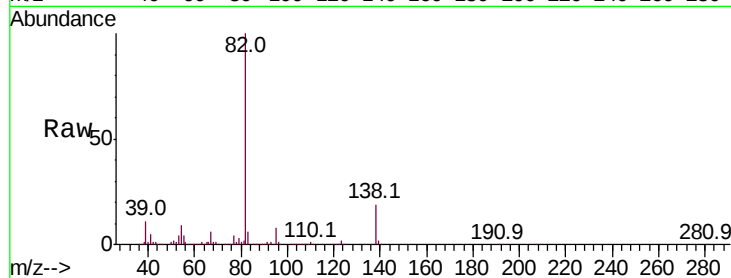
BNA_N

ClientSampleId :

X2M15

Tot Ion: 82 Resp: 3228427

Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.8	8.6
138	19.0	15.1	22.7

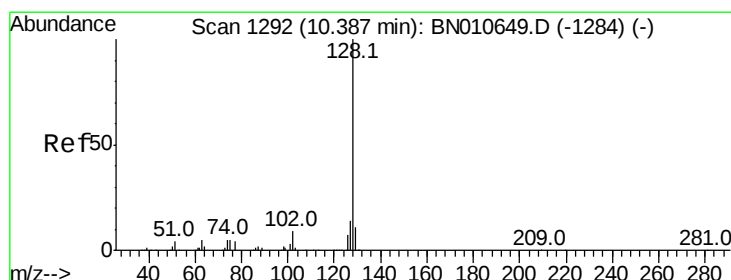
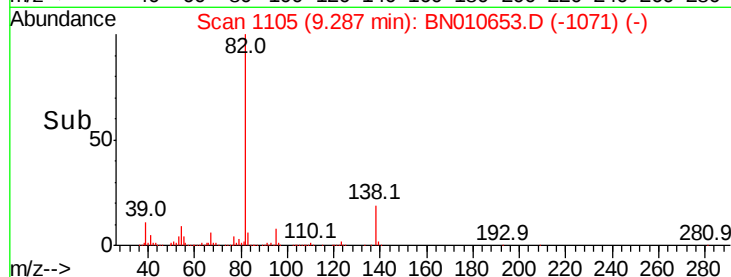
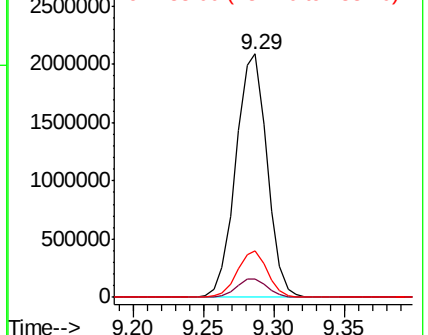


Abundance

Ion 82.00 (81.70 to 82.70): BN010649.D (-1098) (-)

Ion 95.00 (94.70 to 95.70): BN010649.D (-1098) (-)

Ion 138.00 (137.70 to 138.70): BN010649.D (-1098) (-)



#28

Naphthalene

Concen: 52.326 ng/ul

RT: 10.39 min Scan# 1292

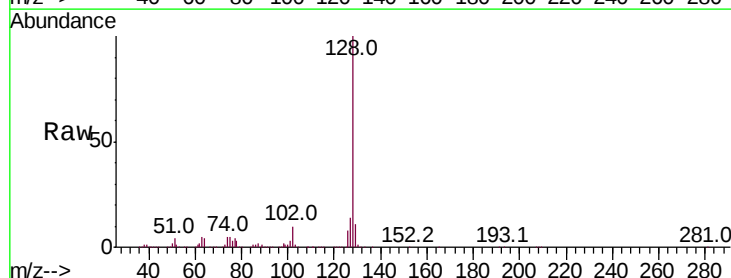
Delta R.T. -0.00 min

Lab File: BN010653.D

Acq: 29 Apr 2020 13:10

Tgt Ion: 128 Resp: 5594314

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	14.0	10.7	16.1

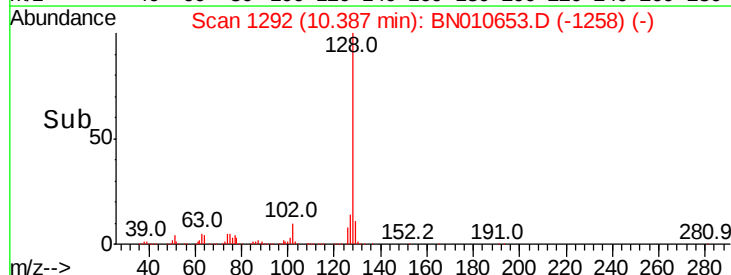
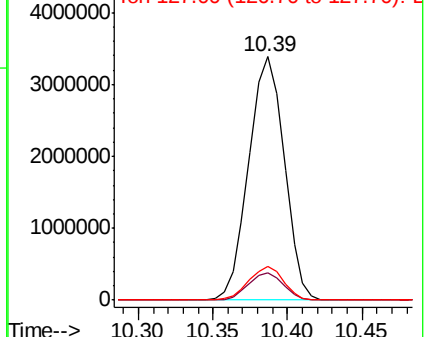


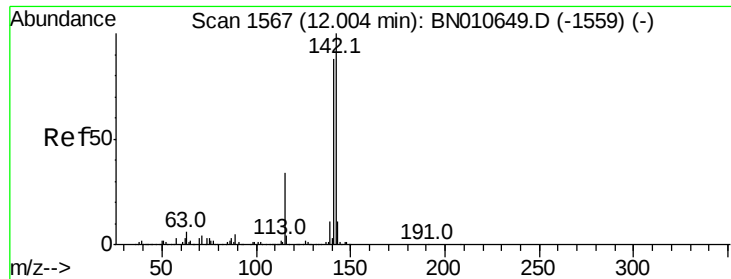
Abundance

Ion 128.00 (127.70 to 128.70): BN010649.D (-1284) (-)

Ion 129.00 (128.70 to 129.70): BN010649.D (-1284) (-)

Ion 127.00 (126.70 to 127.70): BN010649.D (-1284) (-)

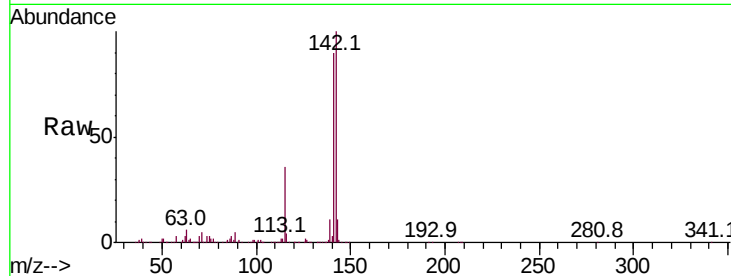




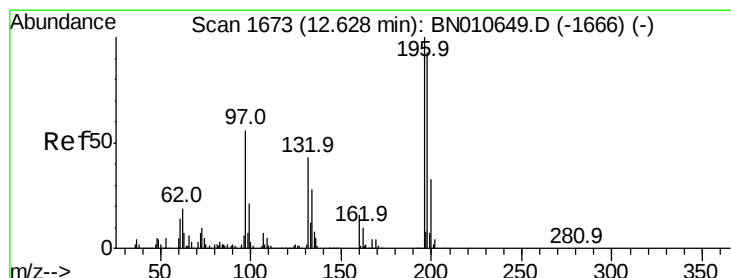
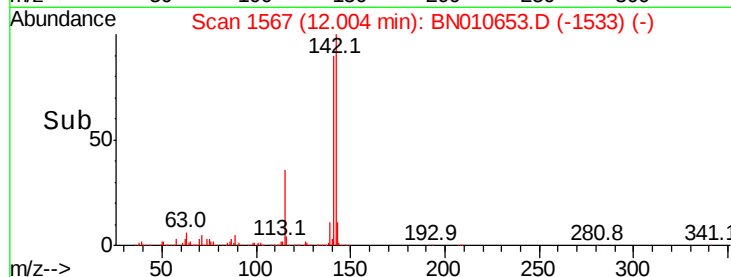
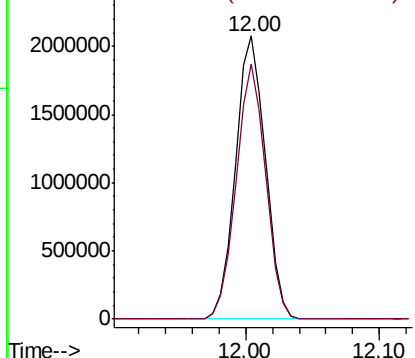
#34
 2-Methylnaphthalene
 Concen: 42.579 ng/ul
 RT: 12.00 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: BN010653.D
 Acq: 29 Apr 2020 13:10

Instrument :
 BNA_N
 ClientSampleId :
 X2M15

Tot Ion:142 Resp: 3217306
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.8 107.8

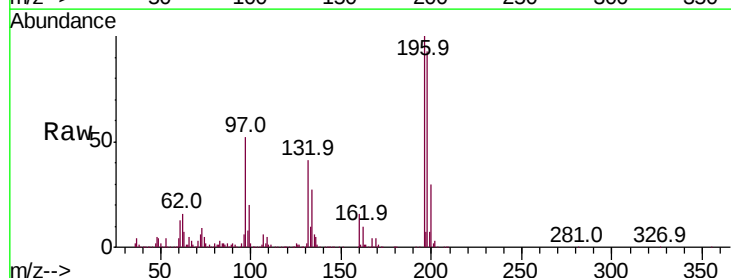


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

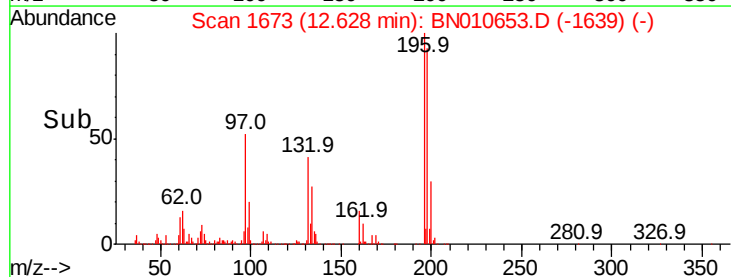
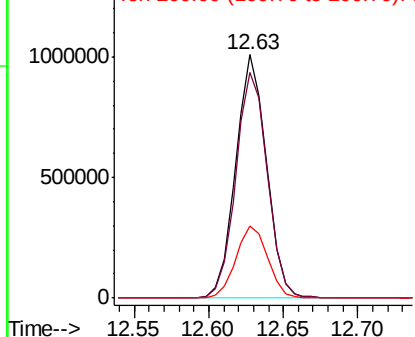


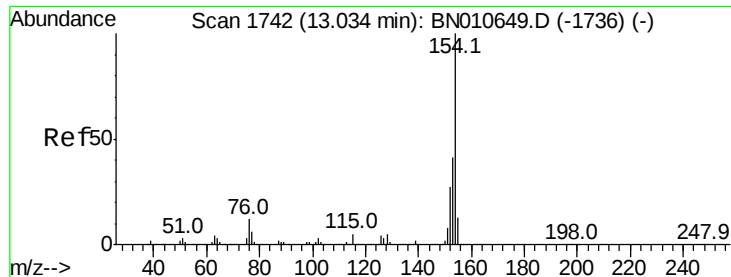
#39
 2,4,6-Trichlorophenol
 Concen: 53.260 ng/ul
 RT: 12.63 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: BN010653.D
 Acq: 29 Apr 2020 13:10

Tgt Ion:196 Resp: 1453100
 Ion Ratio Lower Upper
 196 100
 198 92.9 75.8 113.8
 200 29.8 23.2 34.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#41

1,1'-Biphenyl

Concen: 35.961 ng/ul

RT: 13.03 min Scan# 1742

Delta R.T. -0.00 min

Lab File: BN010653.D

Acq: 29 Apr 2020 13:10

Instrument :

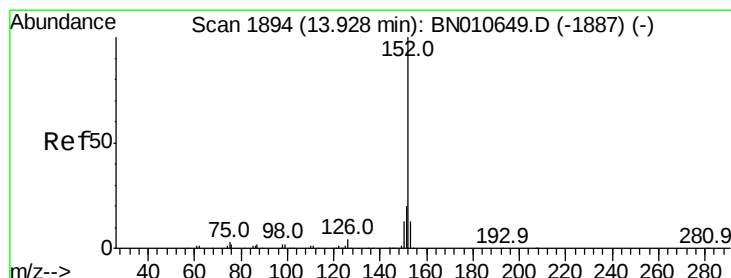
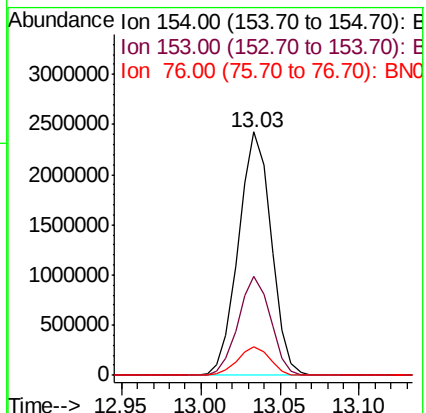
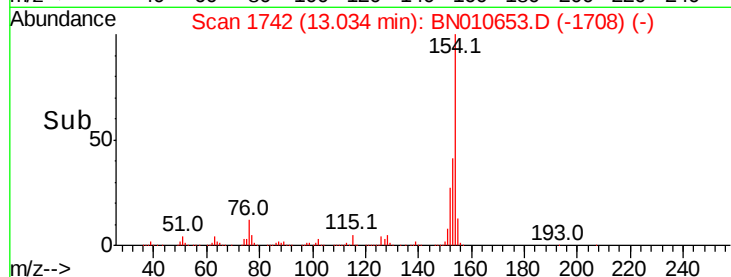
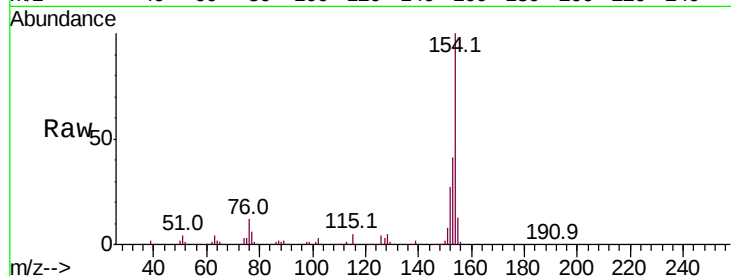
BNA_N

ClientSampleId :

X2M15

Tot Ion:154 Resp: 3487795

Ion	Ratio	Lower	Upper
154	100		
153	40.6	32.6	48.8
76	11.9	9.0	13.6



#48

Acenaphthylene

Concen: 22.757 ng/ul

RT: 13.92 min Scan# 1893

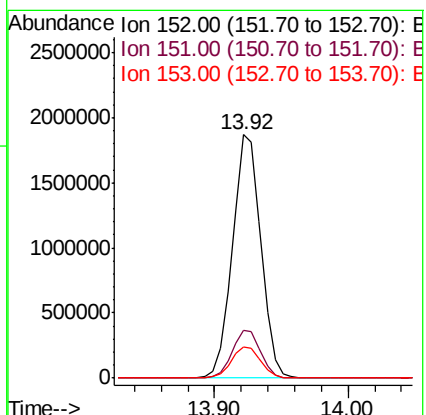
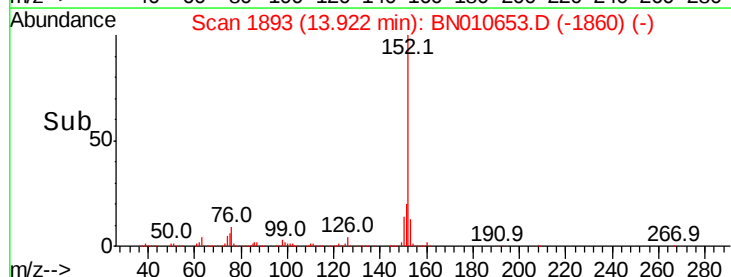
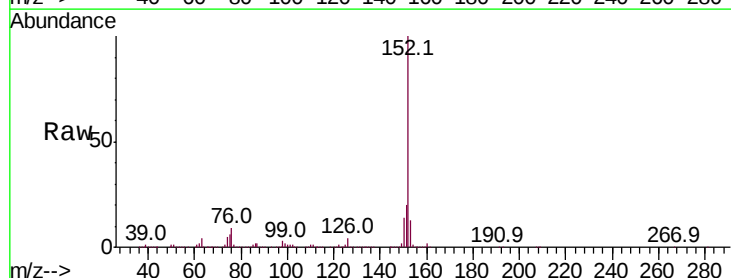
Delta R.T. -0.01 min

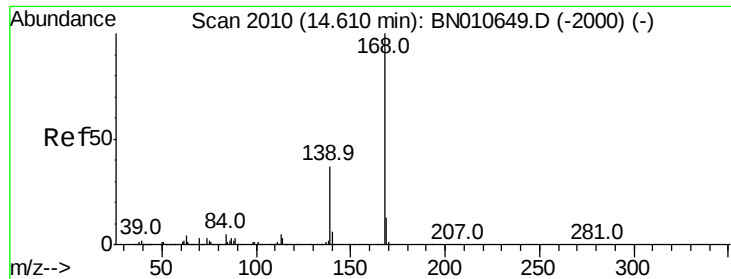
Lab File: BN010653.D

Acq: 29 Apr 2020 13:10

Tgt Ion:152 Resp: 2764509

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	12.8	10.0	15.0





#54

Dibenzenofuran

Concen: 46.402 ng/ul

RT: 14.61 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BN010653.D

Acq: 29 Apr 2020 13:10

Instrument :

BNA_N

ClientSampleId :

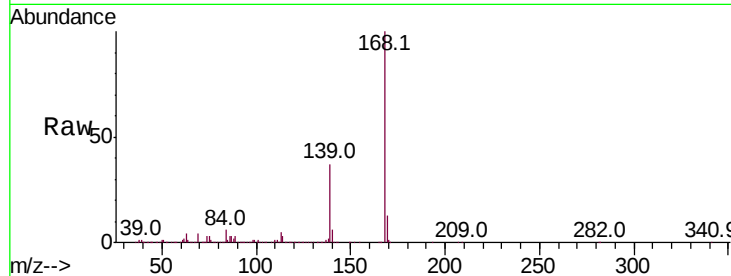
X2M15

Tot Ion:168 Resp: 5400001

Ion Ratio Lower Upper

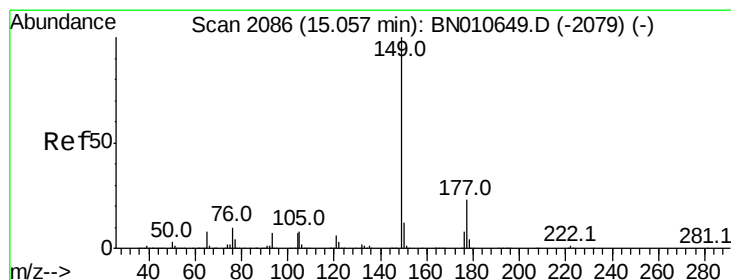
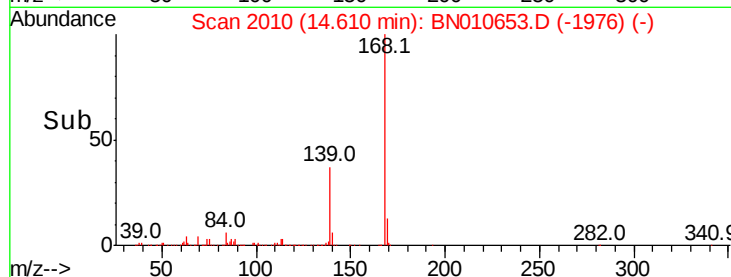
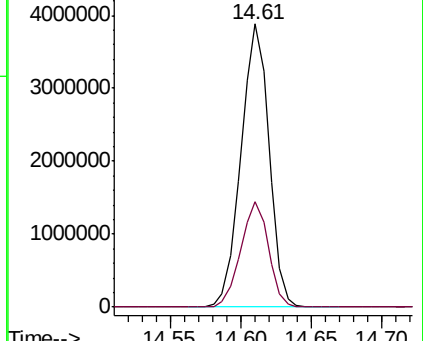
168 100

139 37.3 30.2 45.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#57

Diethylphthalate

Concen: 39.207 ng/ul

RT: 15.05 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BN010653.D

Acq: 29 Apr 2020 13:10

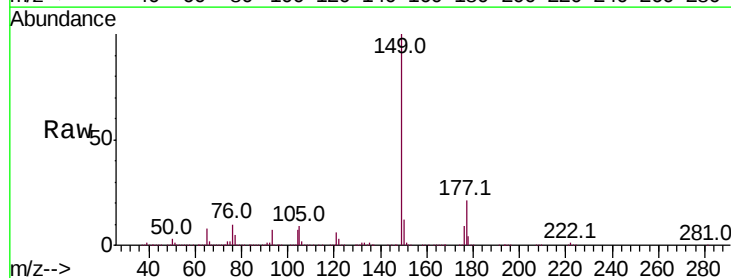
Tgt Ion:149 Resp: 3834670

Ion Ratio Lower Upper

149 100

177 21.1 18.0 27.0

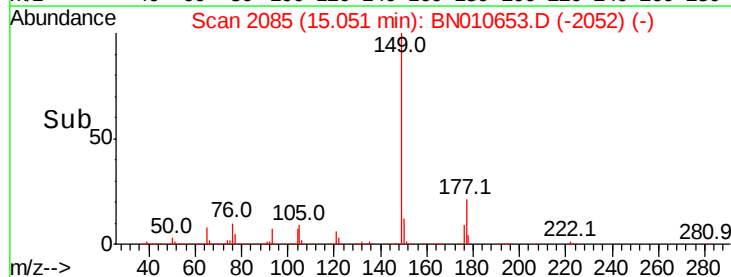
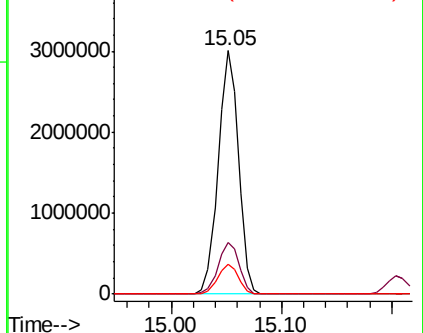
150 12.2 9.8 14.8

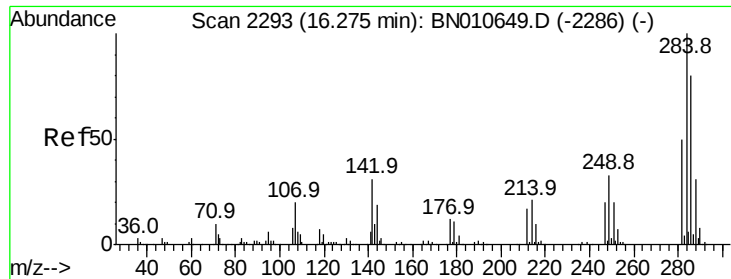


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

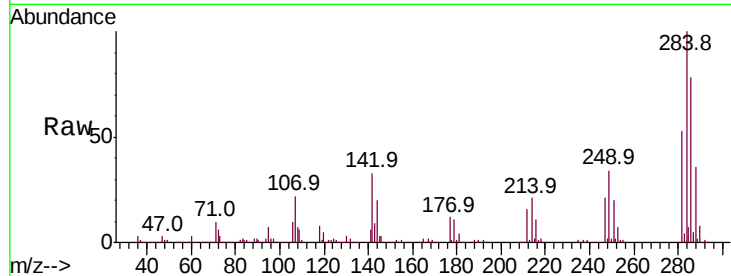




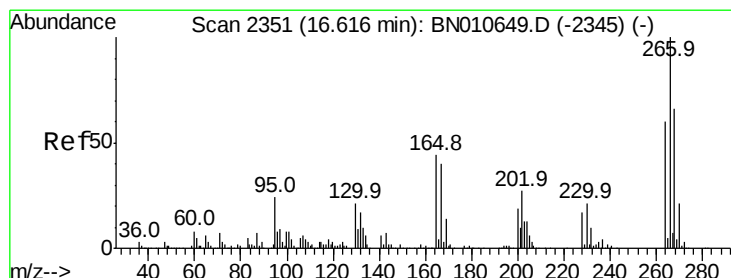
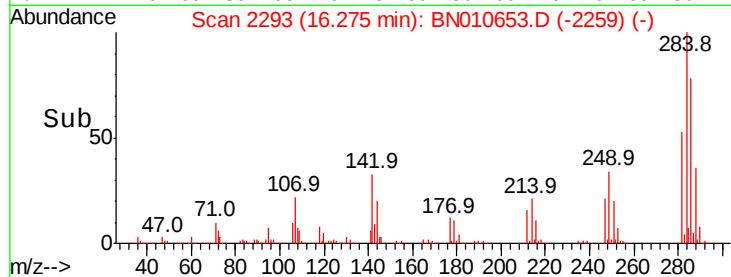
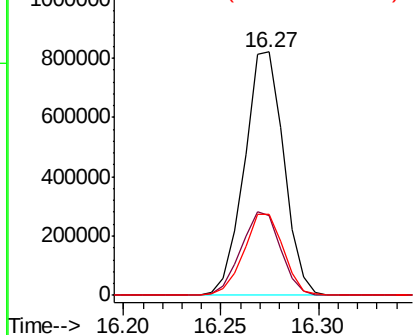
#67
Hexachlorobenzene
Concen: 33.324 ng/ul
RT: 16.27 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BN010653.D
Acq: 29 Apr 2020 13:10

Instrument :
BNA_N
ClientSampled :
X2M15

Tot Ion:284 Resp: 1151992
Ion Ratio Lower Upper
284 100
142 32.6 29.0 43.6
249 33.5 26.2 39.2

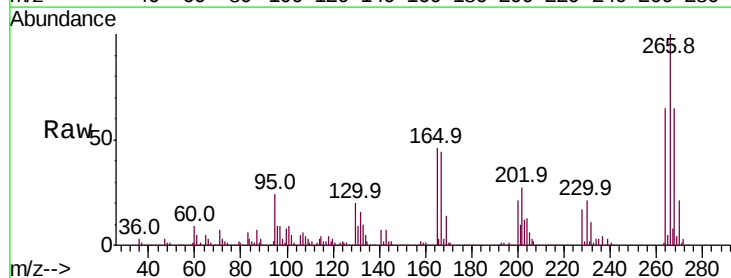


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

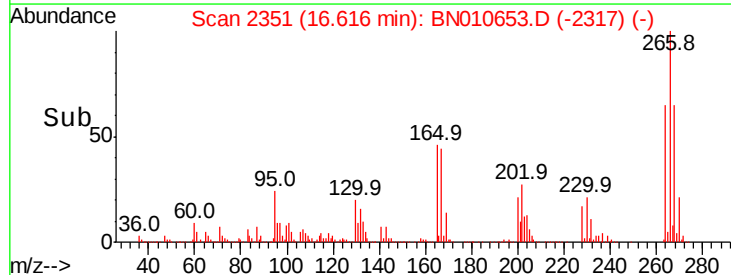
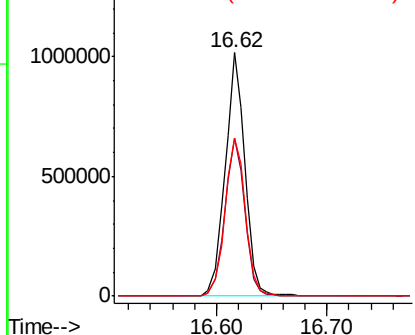


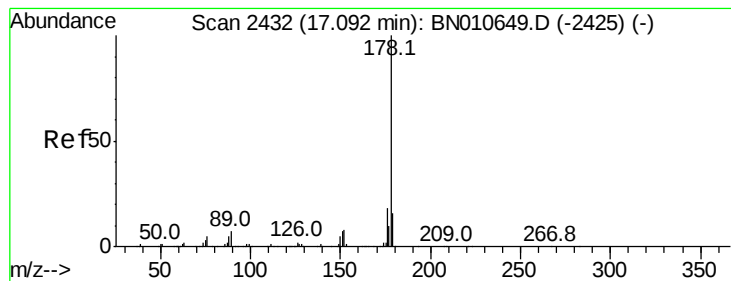
#69
Pentachlorophenol
Concen: 57.939 ng/ul
RT: 16.62 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BN010653.D
Acq: 29 Apr 2020 13:10

Tgt Ion:266 Resp: 1278709
Ion Ratio Lower Upper
266 100
264 64.8 47.9 71.9
268 64.9 50.4 75.6



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#72

Anthracene

Concen: 43.882 ng/ul

RT: 17.09 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BN010653.D

Acq: 29 Apr 2020 13:10

Instrument :

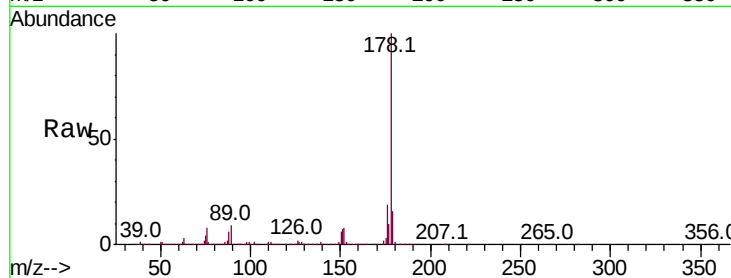
BNA_N

ClientSampleId :

X2M15

Tot Ion:178 Resp: 6876283

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	18.9	14.2	21.4

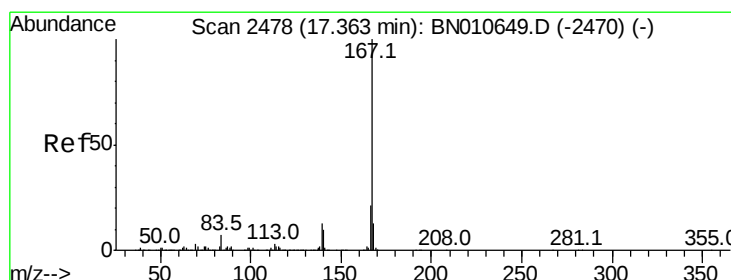
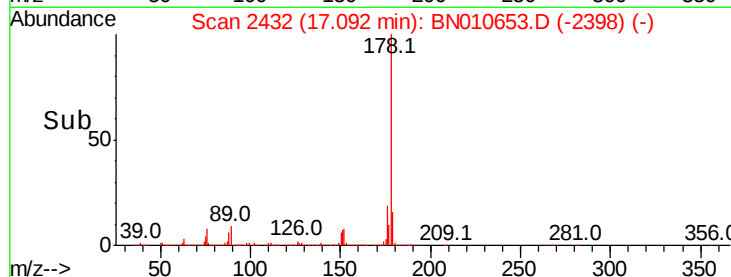
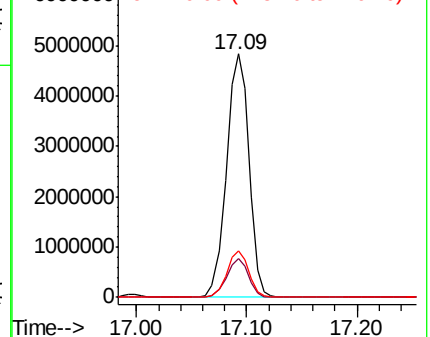


Abundance

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



#75

Carbazole

Concen: 61.796 ng/ul

RT: 17.36 min Scan# 2478

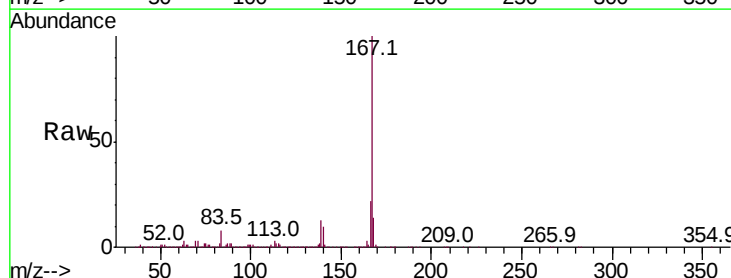
Delta R.T. -0.00 min

Lab File: BN010653.D

Acq: 29 Apr 2020 13:10

Tgt Ion:167 Resp: 7953974

Ion	Ratio	Lower	Upper
167	100		
166	22.3	16.8	25.2
139	13.4	10.1	15.1

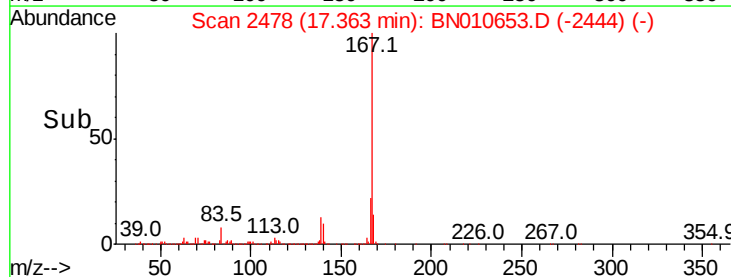
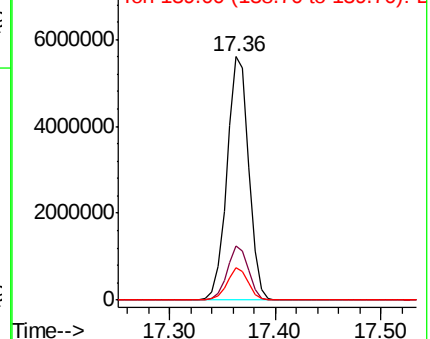


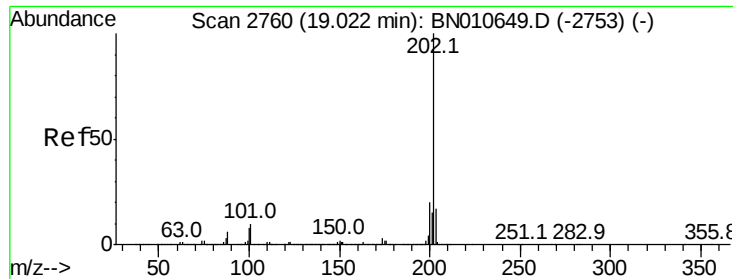
Abundance

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

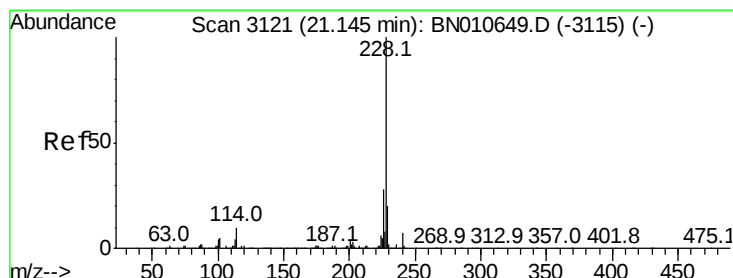
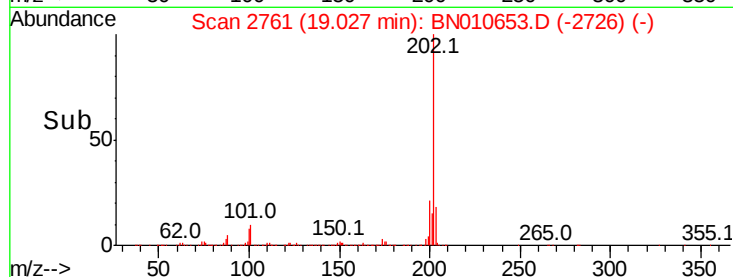
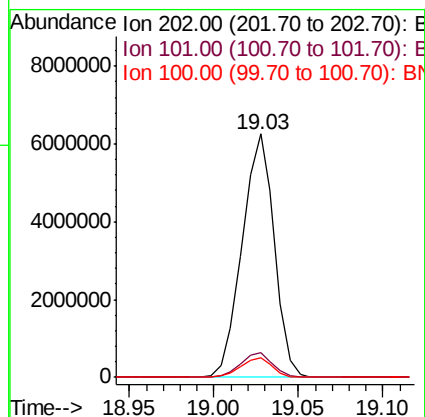
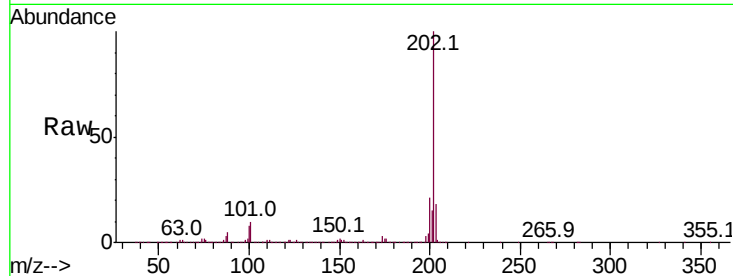




#77
 Fluoranthene
 Concen: 49.403 ng/u1
 RT: 19.03 min Scan# 2761
 Delta R.T. 0.01 min
 Lab File: BN010653.D
 Acq: 29 Apr 2020 13:10

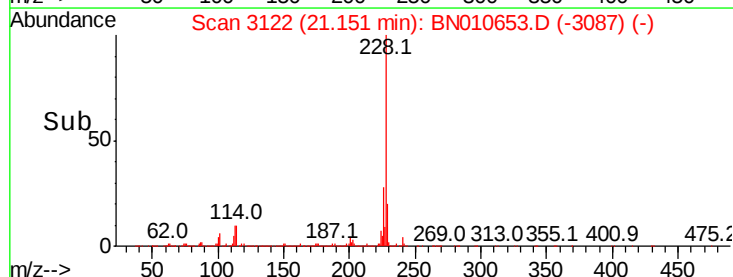
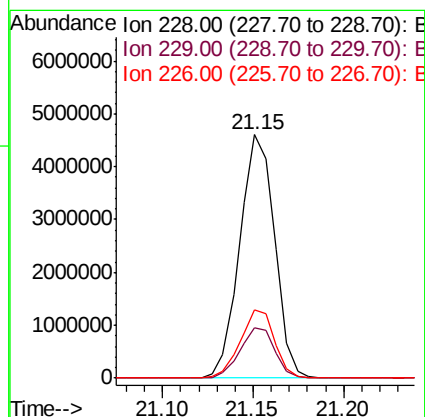
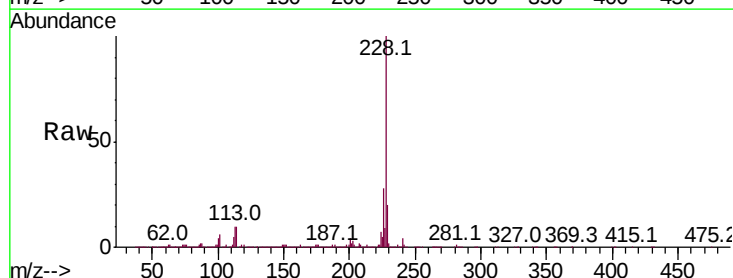
Instrument :
 BNA_N
 ClientSampleId :
 X2M15

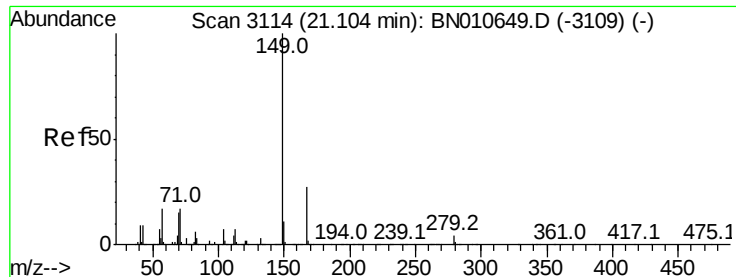
Tot Ion:202 Resp: 8297614
 Ion Ratio Lower Upper
 202 100
 101 10.2 7.1 10.7
 100 8.2 5.5 8.3



#83
 Benzo(a)anthracene
 Concen: 35.778 ng/u1
 RT: 21.15 min Scan# 3122
 Delta R.T. 0.01 min
 Lab File: BN010653.D
 Acq: 29 Apr 2020 13:10

Tgt Ion:228 Resp: 6173950
 Ion Ratio Lower Upper
 228 100
 229 20.4 16.0 24.0
 226 28.0 21.4 32.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 48.157 ng/ul

RT: 21.11 min Scan# 3115

Delta R.T. 0.01 min

Lab File: BN010653.D

Acq: 29 Apr 2020 13:10

Instrument :

BNA_N

ClientSampleId :

X2M15

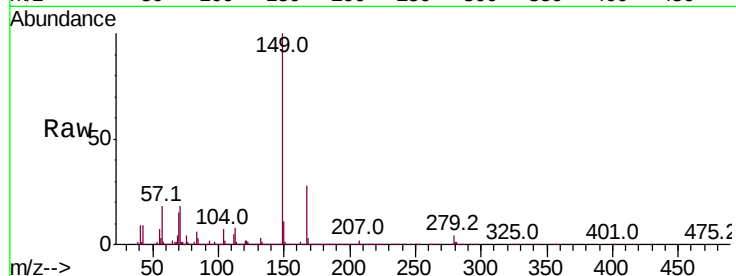
Tot Ion:149 Resp: 5392132

Ion Ratio Lower Upper

149 100

167 28.1 22.4 33.6

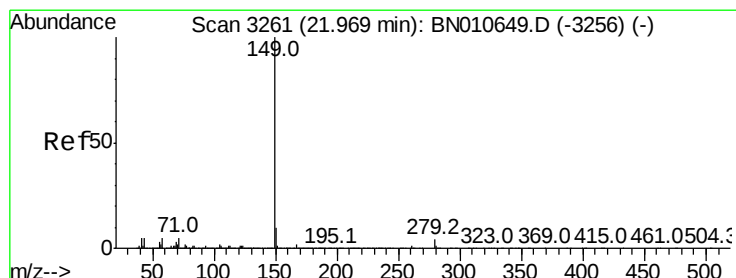
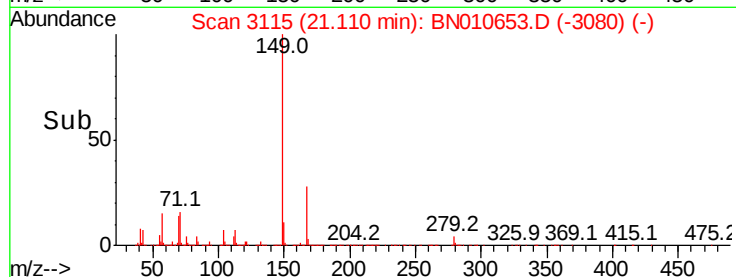
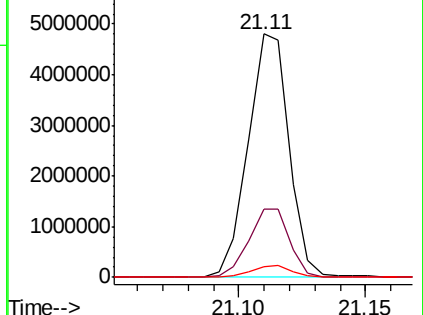
279 4.3 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Di-n-octyl phthalate

Concen: 59.426 ng/ul

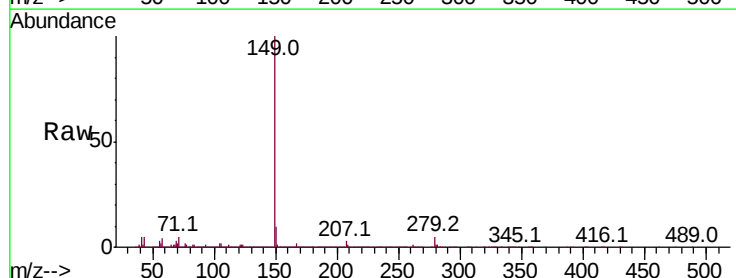
RT: 21.98 min Scan# 3263

Delta R.T. 0.01 min

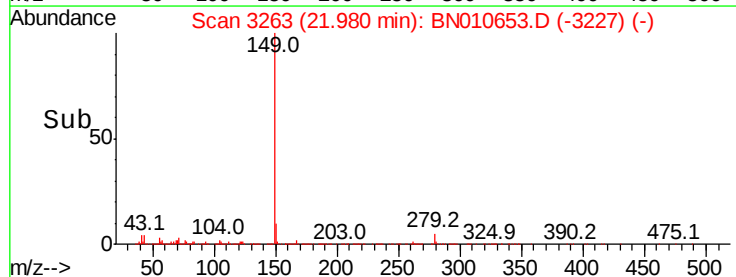
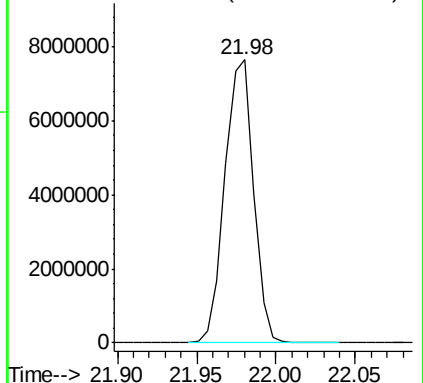
Lab File: BN010653.D

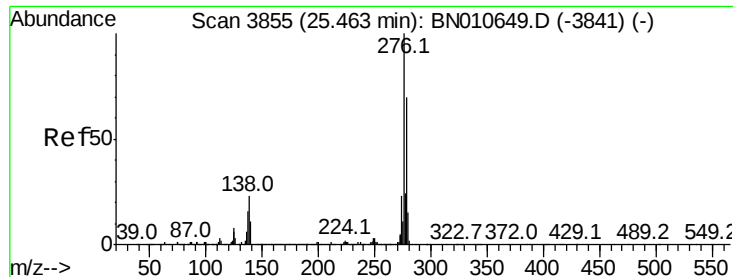
Acq: 29 Apr 2020 13:10

Tgt Ion:149 Resp: 9603133



Abundance Ion 149.00 (148.70 to 149.70): E



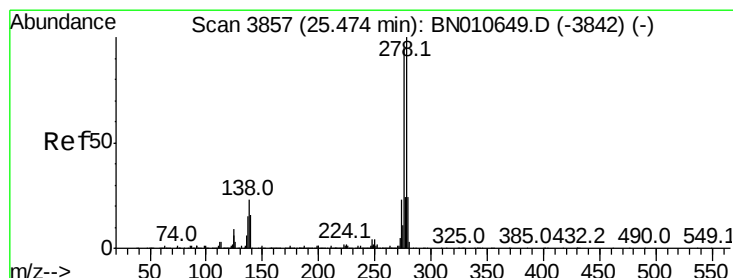
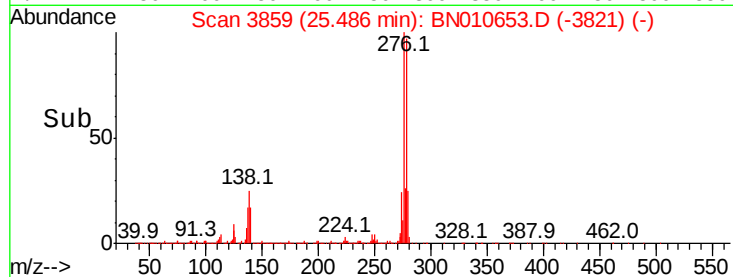
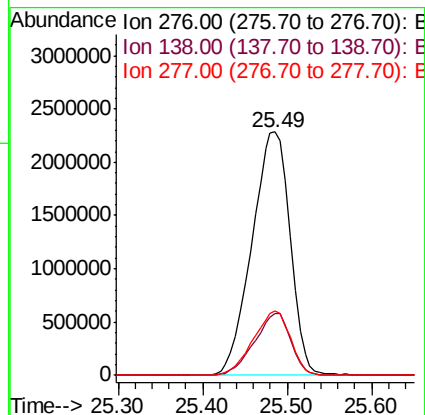
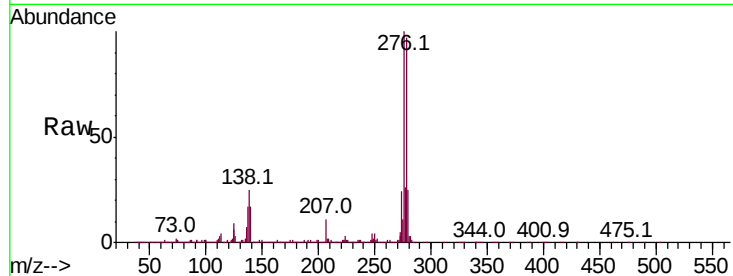


#92

Indeno(1,2,3-cd)pyrene
Concen: 48.379 ng/u1
RT: 25.49 min Scan# 3859
Delta R.T. 0.02 min
Lab File: BN010653.D
Acq: 29 Apr 2020 13:10

Instrument :
BNA_N
ClientSampleId :
X2M15

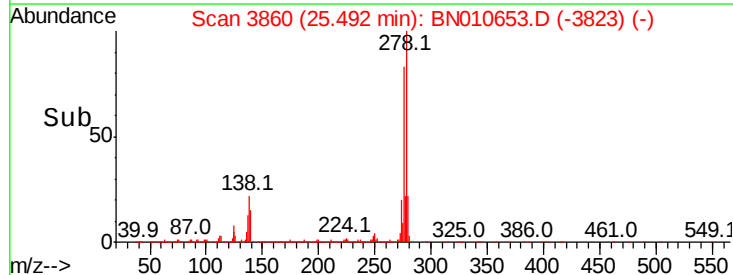
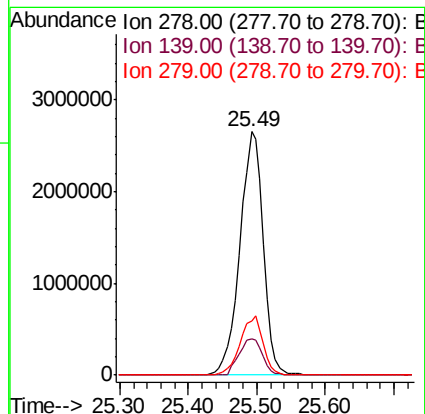
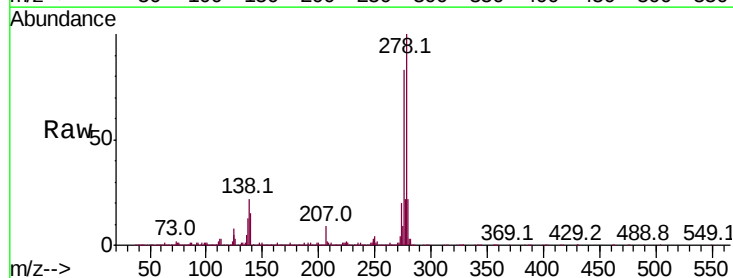
Tot Ion:276 Resp: 7172442
Ion Ratio Lower Upper
276 100
138 25.3 18.3 27.5
277 26.3 19.8 29.8

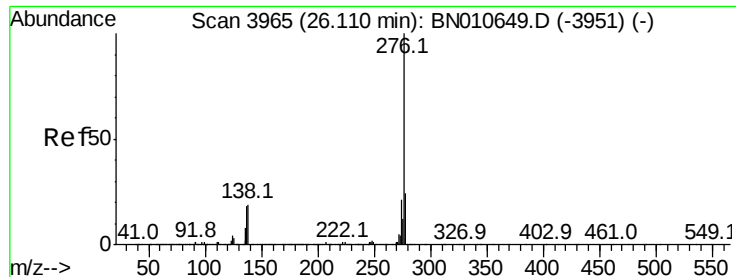


#93

Dibenzo(a,h)anthracene
Concen: 50.361 ng/u1
RT: 25.49 min Scan# 3860
Delta R.T. 0.02 min
Lab File: BN010653.D
Acq: 29 Apr 2020 13:10

Tgt Ion:278 Resp: 6270680
Ion Ratio Lower Upper
278 100
139 14.6 11.5 17.3
279 22.3 19.2 28.8





#94

Benzo(a,h,i)perylene

Concen: 51.412 ng/ul

RT: 26.13 min Scan# 3969

Delta R.T. 0.02 min

Lab File: BN010653.D

Acq: 29 Apr 2020 13:10

Instrument :

BNA_N

ClientSampleId :

X2M15

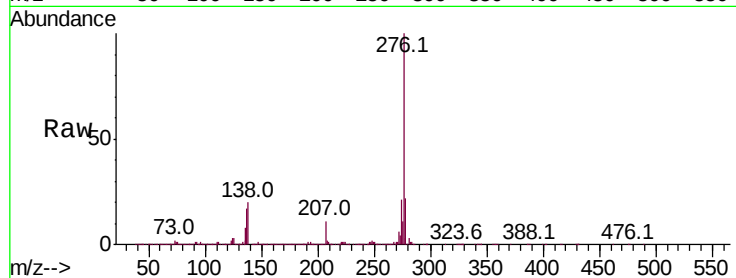
Tot Ion:276 Resp: 6307858

Ion Ratio Lower Upper

276 100

138 19.8 14.7 22.1

277 22.4 18.4 27.6



Abundance Ion 276.00 (275.70 to 276.70): E

3000000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

