

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN022118\
 Data File : BN000148.D
 Acq On : 21 Feb 2018 14:32
 Operator : JU/SJ
 Sample : MDL-S-ME-03
 Misc : 1 PPM/4 PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-ME-03

Quant Time: Feb 21 15:28:24 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN022018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 20 16:56:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	130811	20.00	ng/ul	0.00
18) Naphthalene-d8	11.30	136	650417	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.07	164	379514	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.79	188	839063	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	942431	20.00	ng/ul	0.00
86) Perylene-d12	24.37	264	1029880	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	14502	4.60	ng/uL	0.00
5) Phenol-d5	7.58	99	352983	26.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.76	67	222767	29.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.98	132	255666	28.24	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	290667	27.21	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	118904	27.85	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	107820	26.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	237937	26.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	420130	41.68	ng/ul	0.00
44) Dimethylphthalate-d6	14.46	166	848856	29.41	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	1073295	28.93	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	130453	22.76	ng/ul	0.00
58) Fluorene-d10	16.05	176	754459	29.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.14	200	71612	19.02	ng/ul	0.00
71) Anthracene-d10	17.88	188	1145865	29.10	ng/ul	0.00
79) Pyrene-d10	20.13	212	1265663	28.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.22	264	1377497	29.51	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.66	88	3608	1.039	ng/uL	89
4) Benzaldehyde	7.58	77	31239	7.175	ng/ul	91
6) Phenol	7.60	94	48873	3.491	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.86	93	41257	3.895	ng/ul	95
10) 2-Chlorophenol	8.00	128	34563	3.603	ng/ul	97
11) 2-Methylphenol	8.89	108	31353	3.083	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.98	45	44298	3.861	ng/ul	96
14) Acetophenone	9.29	105	58633	3.494	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.26	70	24474	3.230	ng/ul	94
16) 4-Methylphenol	9.22	108	39535	3.470	ng/ul	97
17) Hexachloroethane	9.56	117	12572	3.429	ng/ul#	65
20) Nitrobenzene	9.67	77	44330	3.747	ng/ul	96
21) Isophorone	10.20	82	67561	3.021	ng/ul	100
23) 2-Nitrophenol	10.40	139	16194	3.401	ng/ul	93
24) 2,4-Dimethylphenol	10.43	107	41276	3.335	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.67	93	53908	3.530	ng/ul	95
27) 2,4-Dichlorophenol	10.93	162	32265	3.541	ng/ul#	93
28) Naphthalene	11.35	128	130470	3.793	ng/ul	98
30) 4-Chloroaniline	11.44	127	42256	4.019	ng/ul	91
31) Hexachlorobutadiene	11.62	225	18459	3.824	ng/ul	94
32) Caprolactam	12.16	113	8925	2.584	ng/ul	82
33) 4-Chloro-3-methylphenol	12.53	107	31657	2.830	ng/ul	98
34) 2-Methylnaphthalene	12.92	142	88274	3.683	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.14	142	86632	3.601	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	13.28	216	38753	3.725	ng/ul#	93
38) Hexachlorocyclopentadiene	13.26	237	12921	2.566	ng/ul#	90
39) 2,4,6-Trichlorophenol	13.50	196	17523	2.671	ng/ul	94
40) 2,4,5-Trichlorophenol	13.57	196	19707	2.795	ng/ul	95
41) 1,1'-Biphenyl	13.90	154	117270	3.772	ng/ul#	95
42) 2-Chloronaphthalene	13.96	162	88256	3.696	ng/ul	97
43) 2-Nitroaniline	14.15	65	14680	2.401	ng/ul	91
45) Dimethylphthalate	14.50	163	109177	3.724	ng/ul#	97
46) 2,6-Dinitrotoluene	14.63	165	11437	2.335	ng/ul#	68
48) Acenaphthylene	14.79	152	143211	3.805	ng/ul	99
49) 3-Nitroaniline	14.95	138	14617	2.494	ng/ul#	90
50) Acenaphthene	15.13	153	101268	3.815	ng/ul	99
51) 2,4-Dinitrophenol	15.15	184	3962	1.744	ng/ul#	1
53) 4-Nitrophenol	15.23	109	15964	3.302	ng/ul	81
54) Dibenzofuran	15.46	168	144223	3.914	ng/ul	99
55) 2,4-Dinitrotoluene	15.40	165	20767	2.741	ng/ul#	74
56) 2,3,4,6-Tetrachlorophenol	15.67	232	15762	2.771	ng/ul#	94
57) Diethylphthalate	15.85	149	98330	3.329	ng/ul	94
59) Fluorene	16.10	166	115170	3.894	ng/ul	98
60) 4-Chlorophenyl-phenylether	16.08	204	52400	3.922	ng/ul#	82
61) 4-Nitroaniline	16.10	138	18995	2.708	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	16.16	198	11283	2.767	ng/ul#	74
65) N-Nitrosodiphenylamine	16.29	169	89998	3.449	ng/ul	98
66) 4-Bromophenyl-phenylether	16.97	248	26518	3.473	ng/ul#	82
67) Hexachlorobenzene	17.09	284	30428	3.577	ng/ul#	82
68) Atrazine	17.22	200	19567	2.480	ng/ul	91
69) Pentachlorophenol	17.43	266	8840	1.915	ng/ul	93
70) Phenanthrene	17.83	178	184498	3.758	ng/ul	99
72) Anthracene	17.92	178	186130	3.723	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.88	216	40252	3.631	ng/uL	93
74) Pentachlorobenzene	15.37	250	38669	3.644	ng/uL	97
75) Carbazole	18.17	167	153027	3.416	ng/ul#	96
76) Di-n-butylphthalate	18.70	149	123489	2.541	ng/ul	98
77) Fluoranthene	19.80	202	180551	3.513	ng/ul#	82
80) Pyrene	20.16	202	219868	3.707	ng/ul#	75
81) Butylbenzylphthalate	21.01	149	45716	1.992	ng/ul#	78
82) 3,3'-Dichlorobenzidine	21.80	252	41784	2.462	ng/ul#	94
83) Benzo(a)anthracene	21.88	228	201637	3.468	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	63634	1.845	ng/ul#	93
85) Chrysene	21.93	228	213411	3.797	ng/ul	98
87) Di-n-octyl phthalate	22.72	149	112890	1.797	ng/ul	100
88) Benzo(b)fluoranthene	23.62	252	210943	3.527	ng/ul#	93
89) Benzo(k)fluoranthene	23.66	252	201002	3.406	ng/ul#	93
91) Benzo(a)pyrene	24.26	252	223333	3.745	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	26.92	276	232646	3.337	ng/ul#	85
93) Dibenzo(a,h)anthracene	26.93	278	195766	3.369	ng/ul#	90
94) Benzo(g,h,i)perylene	27.70	276	200347	3.445	ng/ul#	87

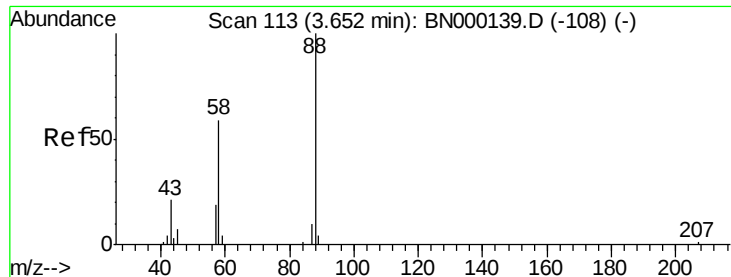
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 1.039 ng/uL

RT: 3.66 min Scan# 114

Delta R.T. 0.01 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

Instrument :

BNA_N

ClientSampleId :

MDL-S-ME-03

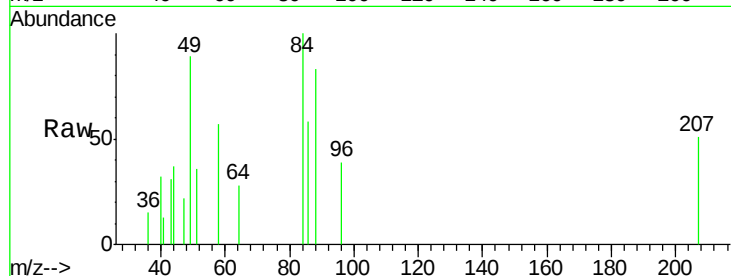
Tgt Ion: 88 Resp: 3608

Ion Ratio Lower Upper

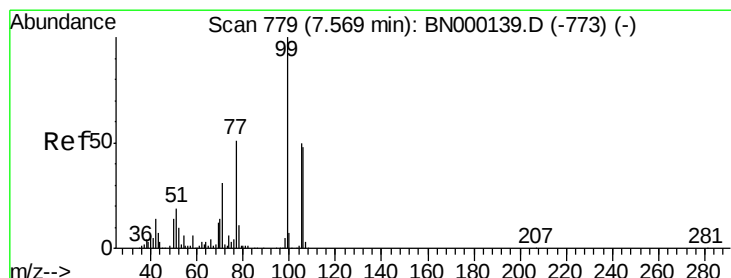
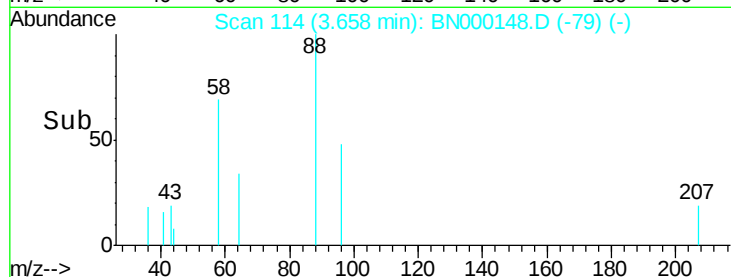
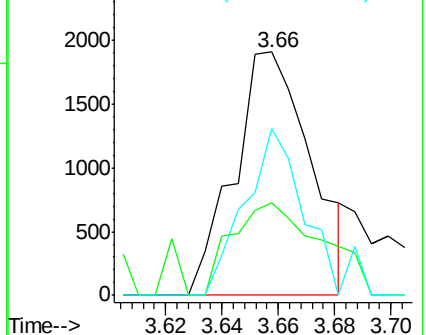
88 100

43 38.1 29.0 43.4

58 68.6 45.9 68.9



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 43.00 (42.70 to 43.70): BN0
Ion 58.00 (57.70 to 58.70): BN0



#4

Benzaldehyde

Concen: 7.175 ng/uL

RT: 7.58 min Scan# 780

Delta R.T. -0.00 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

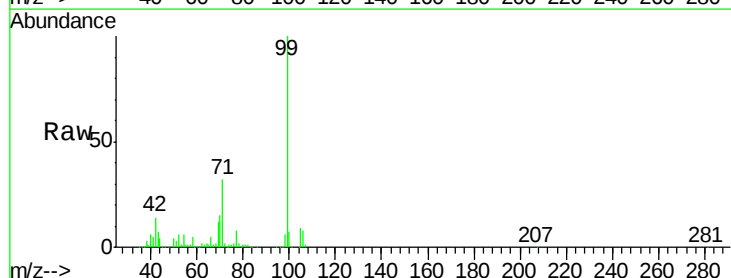
Tgt Ion: 77 Resp: 31239

Ion Ratio Lower Upper

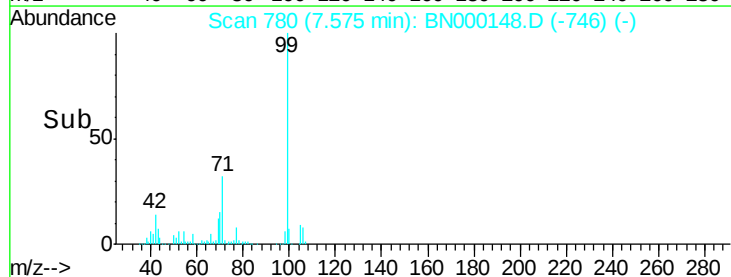
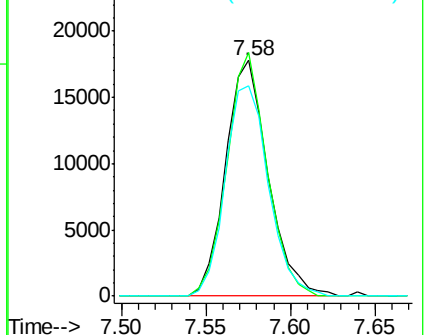
77 100

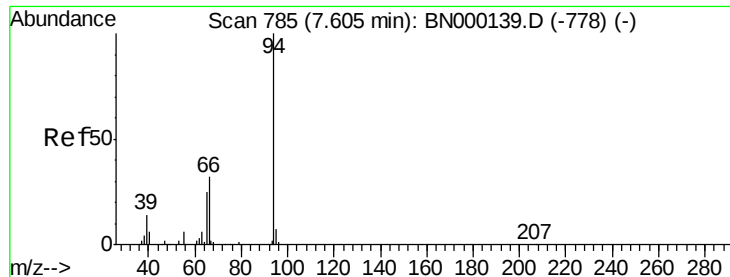
105 103.3 71.0 106.6

106 89.4 69.5 104.3



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B





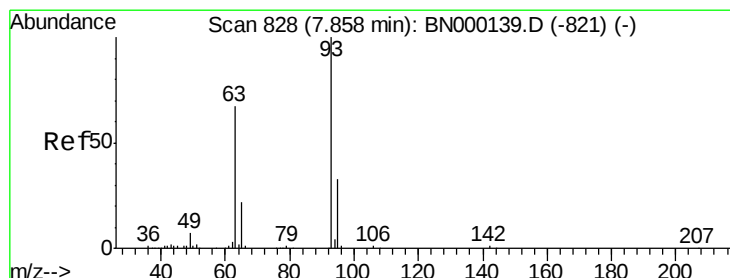
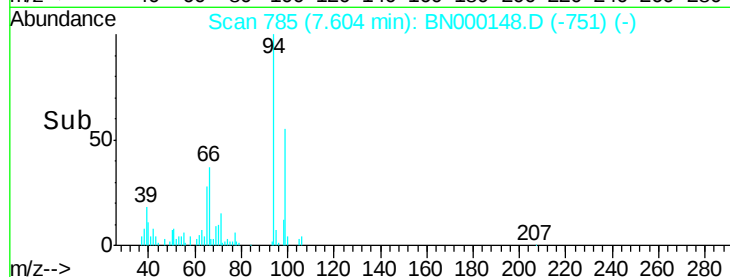
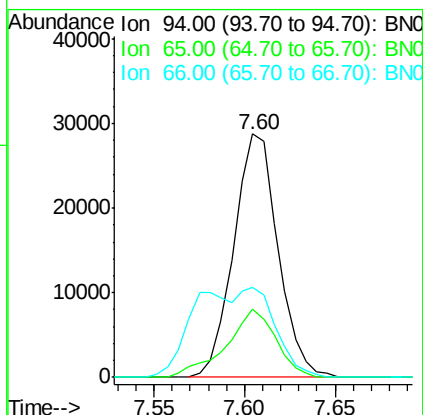
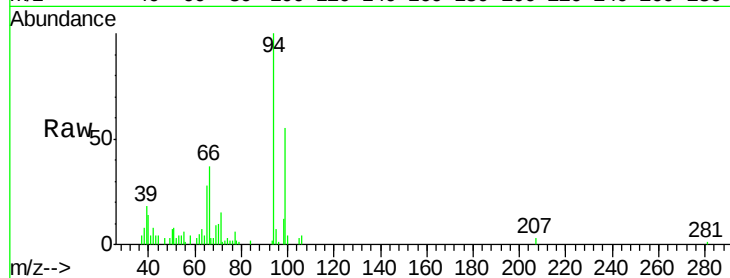
#6

Phenol

Concen: 3.491 ng/ul
 RT: 7.60 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BN000148.D
 Acq: 21 Feb 2018 14:32

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-ME-03

Tgt Ion: 94 Resp: 48873
 Ion Ratio Lower Upper
 94 100
 65 28.1 23.0 34.6
 66 37.0 30.4 45.6

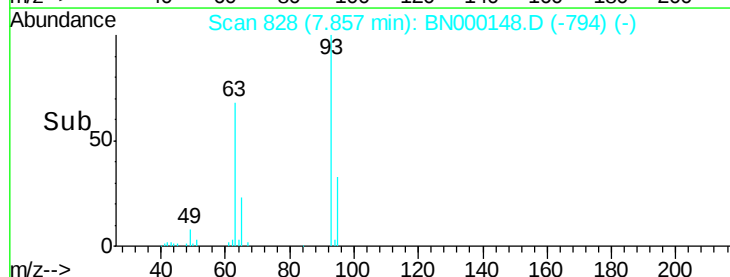
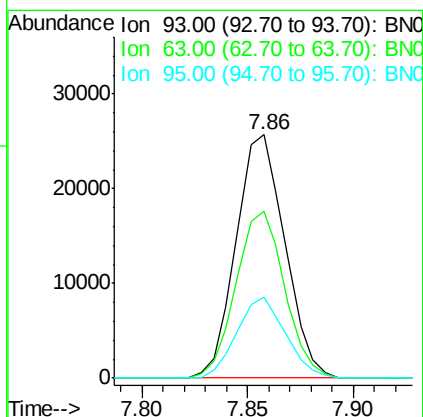
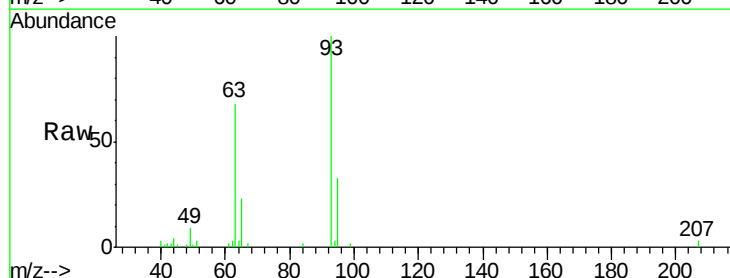


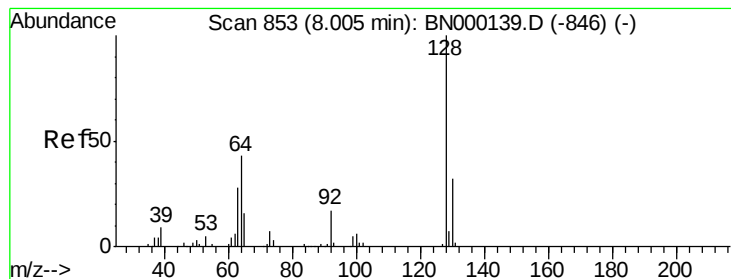
#8

Bis(2-Chloroethyl)ether

Concen: 3.895 ng/ul
 RT: 7.86 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BN000148.D
 Acq: 21 Feb 2018 14:32

Tgt Ion: 93 Resp: 41257
 Ion Ratio Lower Upper
 93 100
 63 68.4 59.4 89.2
 95 33.5 26.4 39.6





#10

2-Chlorophenol

Concen: 3.603 ng/ul

RT: 8.00 min Scan# 853

Delta R.T. -0.01 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

Instrument :

BNA_N

ClientSampleId :

MDL-S-ME-03

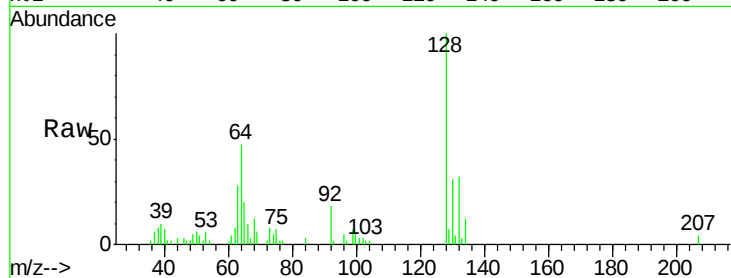
Tgt Ion:128 Resp: 34563

Ion Ratio Lower Upper

128 100

64 47.2 39.8 59.6

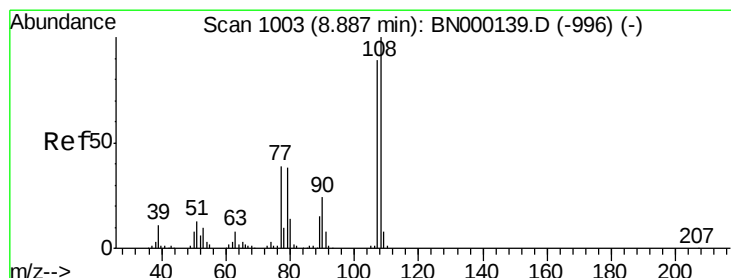
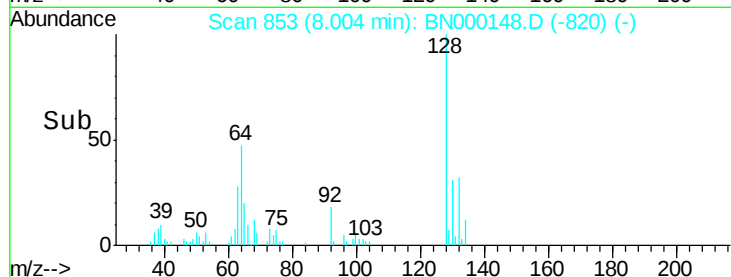
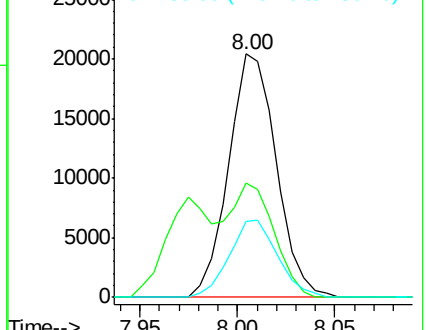
130 31.3 25.8 38.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BNO

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 3.083 ng/ul

RT: 8.89 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BN000148.D

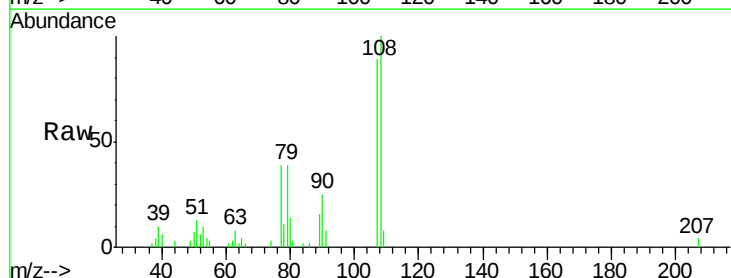
Acq: 21 Feb 2018 14:32

Tgt Ion:108 Resp: 31353

Ion Ratio Lower Upper

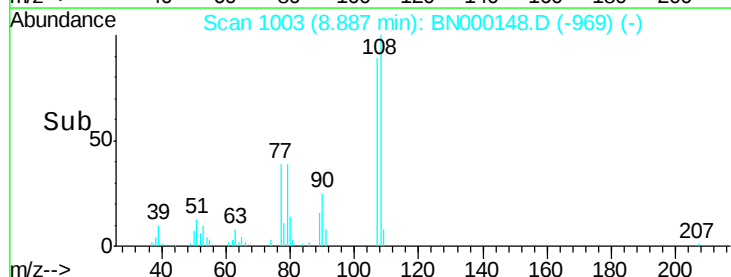
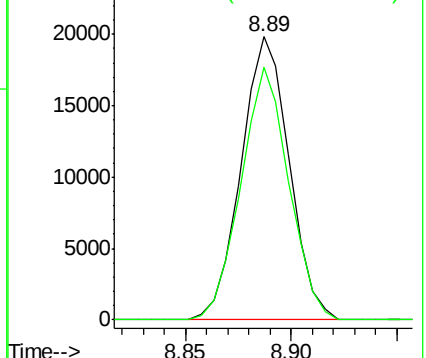
108 100

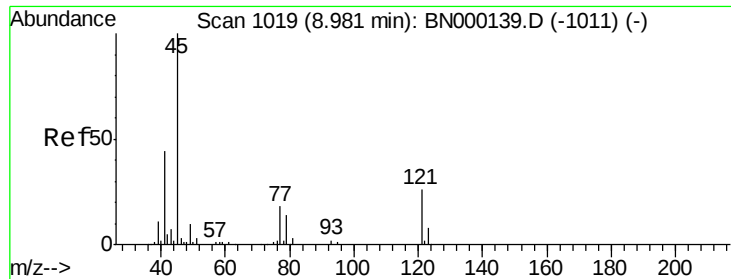
107 89.1 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

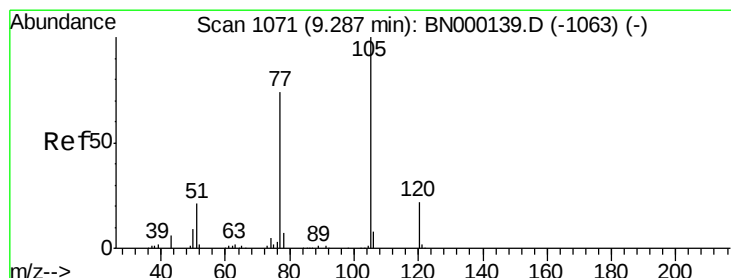
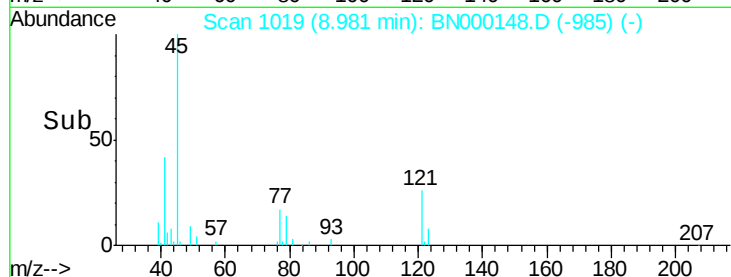
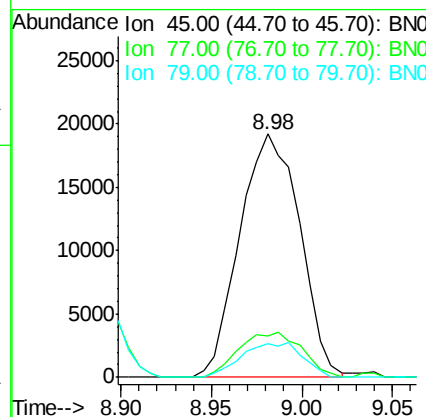
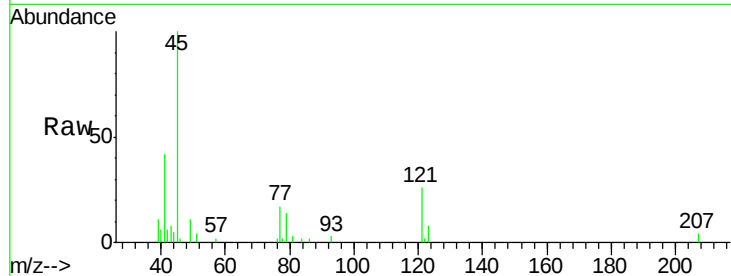




#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 3.861 ng/ul
 RT: 8.98 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BN000148.D
 Acq: 21 Feb 2018 14:32

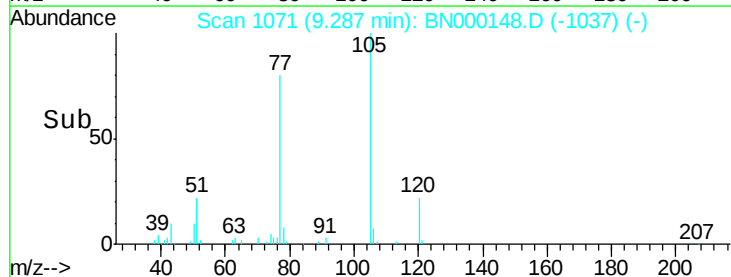
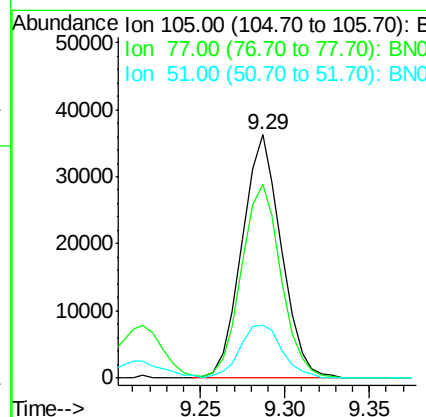
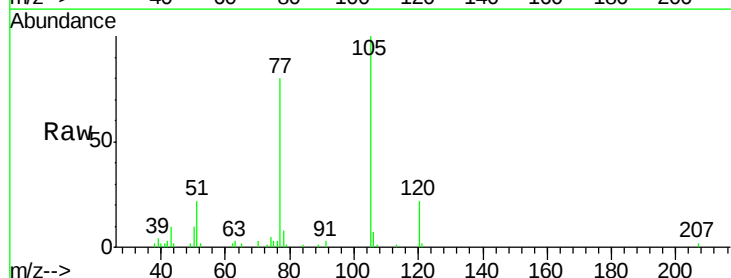
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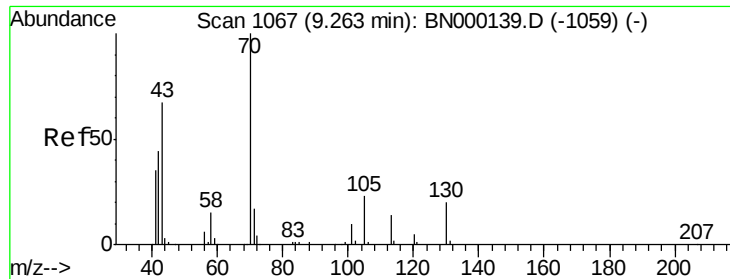
Tgt Ion: 45 Resp: 44298
 Ion Ratio Lower Upper
 45 100
 77 17.0 12.5 18.7
 79 13.6 9.4 14.2



#14
 Acetophenone
 Concen: 3.494 ng/ul
 RT: 9.29 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BN000148.D
 Acq: 21 Feb 2018 14:32

Tgt Ion: 105 Resp: 58633
 Ion Ratio Lower Upper
 105 100
 77 79.8 63.2 94.8
 51 21.5 19.8 29.8

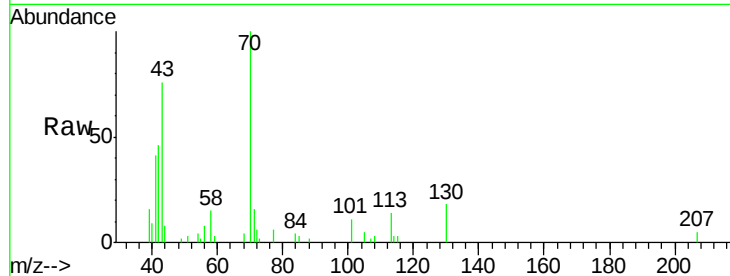




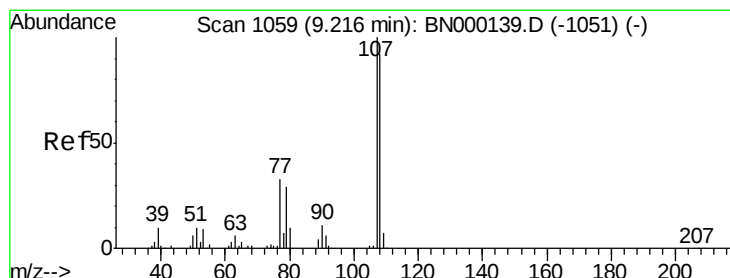
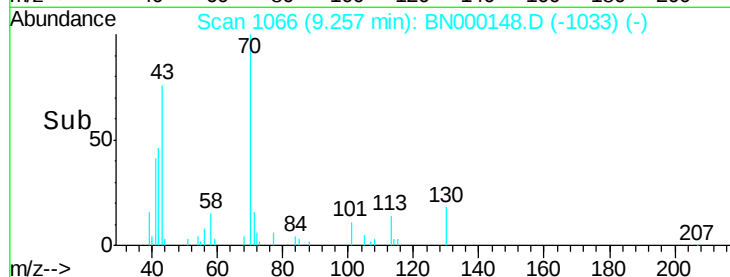
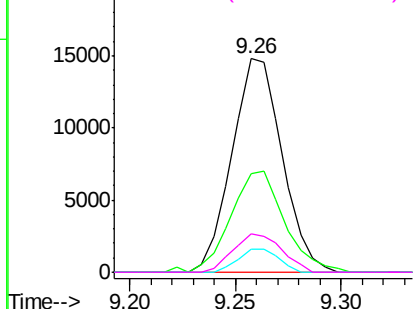
#15
N-Nitroso-di-n-propylamine
Concen: 3.230 ng/ul
RT: 9.26 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BN000148.D
Acq: 21 Feb 2018 14:32

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-03

Tgt Ion: 70 Resp: 24474
Ion Ratio Lower Upper
70 100
42 46.1 40.2 60.4
101 11.1 7.7 11.5
130 18.2 17.8 26.6

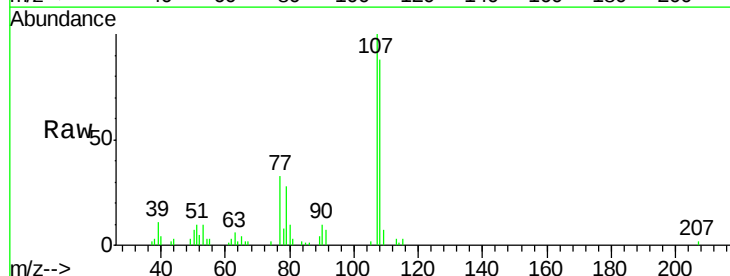


Abundance Ion 70.00 (69.70 to 70.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

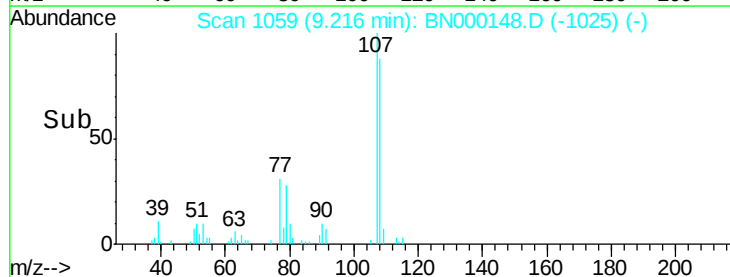
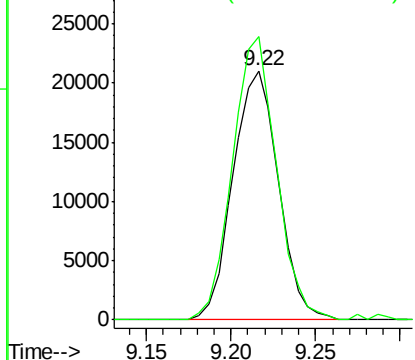


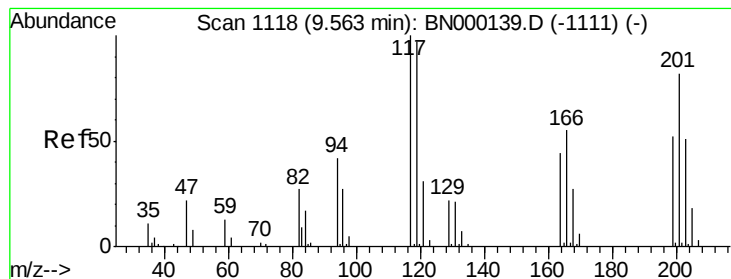
#16
4-Methylphenol
Concen: 3.470 ng/ul
RT: 9.22 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BN000148.D
Acq: 21 Feb 2018 14:32

Tgt Ion: 108 Resp: 39535
Ion Ratio Lower Upper
108 100
107 113.7 93.6 140.4



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 3.429 ng/ul

RT: 9.56 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

Instrument :

BNA_N

ClientSampleId :

MDL-S-ME-03

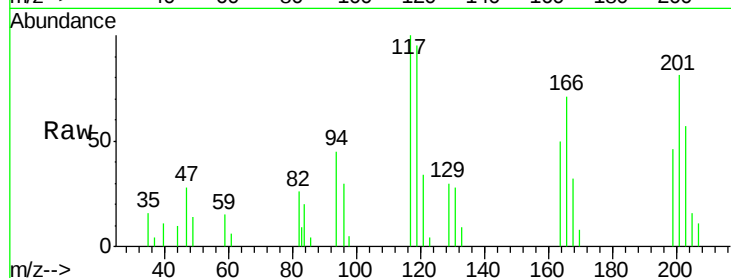
Tgt Ion:117 Resp: 12572

Ion Ratio Lower Upper

117 100

201 80.8 96.1 144.1#

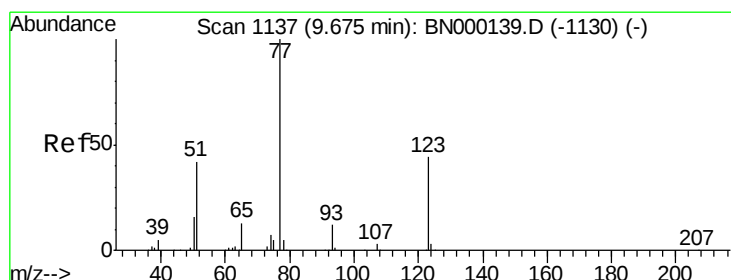
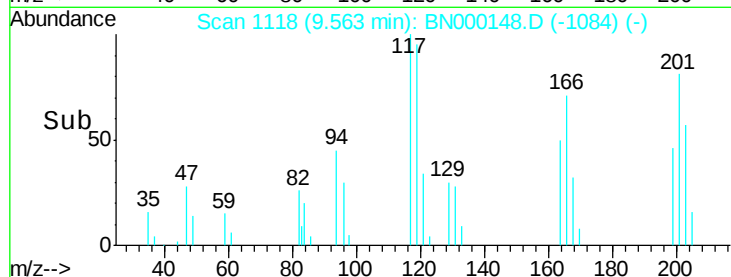
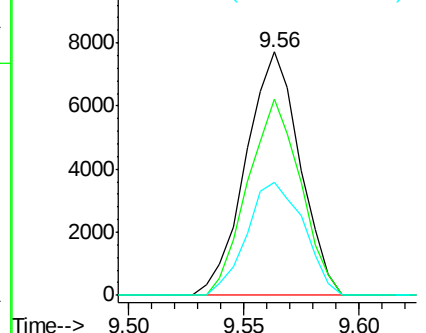
199 46.3 59.7 89.5#



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



#20

Nitrobenzene

Concen: 3.747 ng/ul

RT: 9.67 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

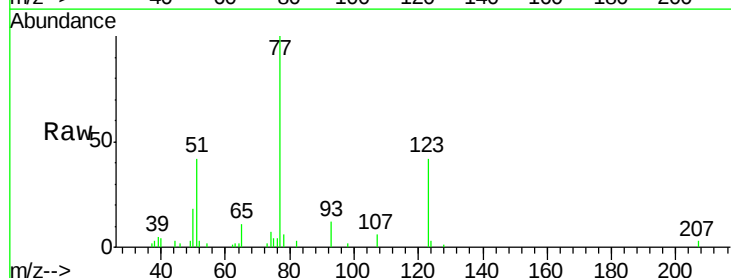
Tgt Ion: 77 Resp: 44330

Ion Ratio Lower Upper

77 100

123 42.2 31.8 47.8

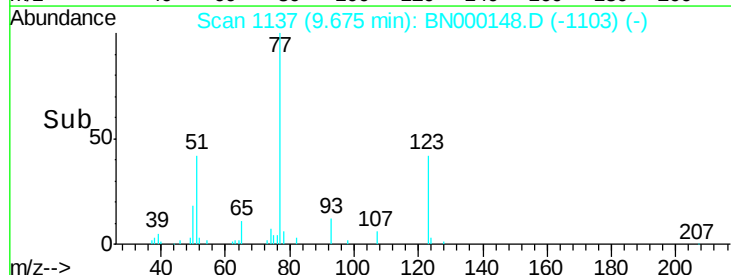
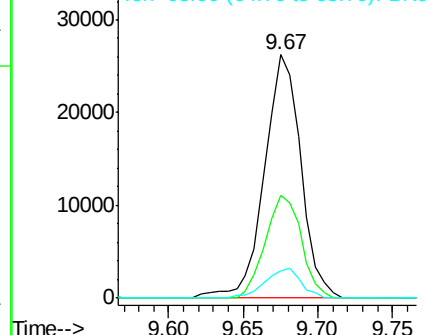
65 11.2 10.6 16.0

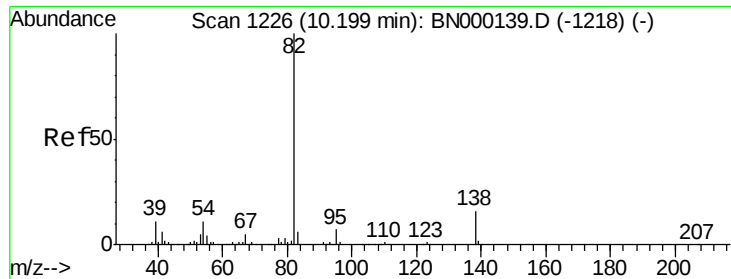


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 3.021 ng/ul

RT: 10.20 min Scan# 1226

Delta R.T. -0.00 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

Instrument :

BNA_N

ClientSampleId :

MDL-S-ME-03

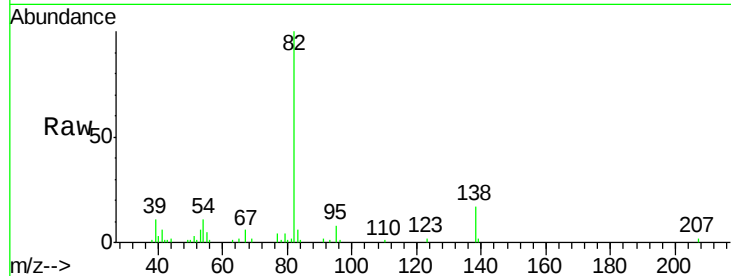
Tgt Ion: 82 Resp: 67561

Ion Ratio Lower Upper

82 100

95 7.6 6.1 9.1

138 17.0 13.5 20.3

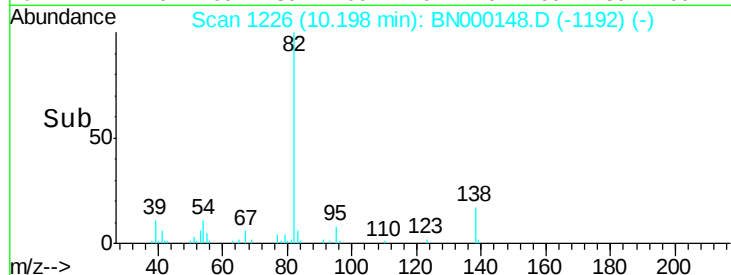


Abundance Ion 82.00 (81.70 to 82.70): BN000139.D (-1218) (-)

Ion 95.00 (94.70 to 95.70): BN000139.D (-1218) (-)

Ion 138.00 (137.70 to 138.70): BN000139.D (-1218) (-)

Time-->

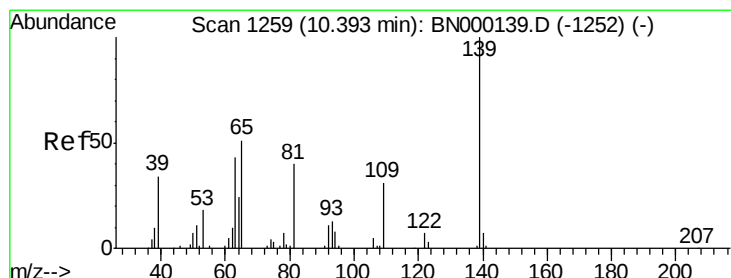


Abundance Ion 82.00 (81.70 to 82.70): BN000148.D (-1192) (-)

Ion 95.00 (94.70 to 95.70): BN000148.D (-1192) (-)

Ion 138.00 (137.70 to 138.70): BN000148.D (-1192) (-)

Time-->



#23

2-Nitrophenol

Concen: 3.401 ng/ul

RT: 10.40 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

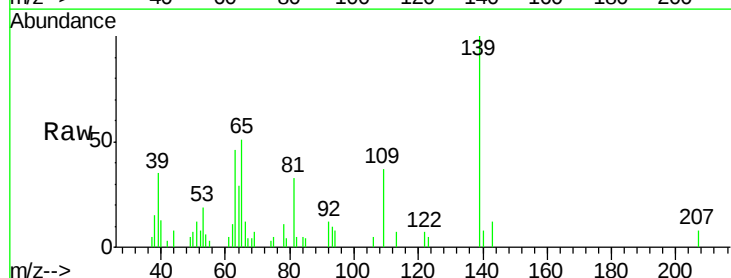
Tgt Ion: 139 Resp: 16194

Ion Ratio Lower Upper

139 100

65 50.5 45.3 67.9

109 36.9 27.7 41.5

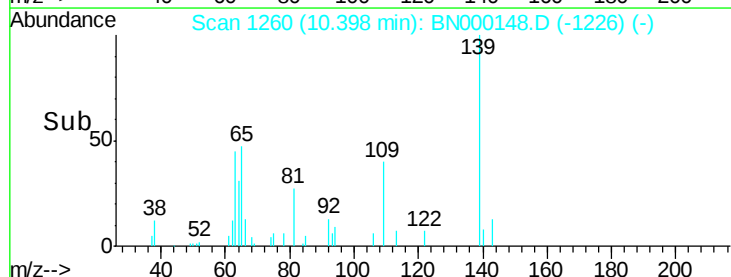


Abundance Ion 139.00 (138.70 to 139.70): BN000139.D (-1252) (-)

Ion 65.00 (64.70 to 65.70): BN000139.D (-1252) (-)

Ion 109.00 (108.70 to 109.70): BN000139.D (-1252) (-)

Time-->

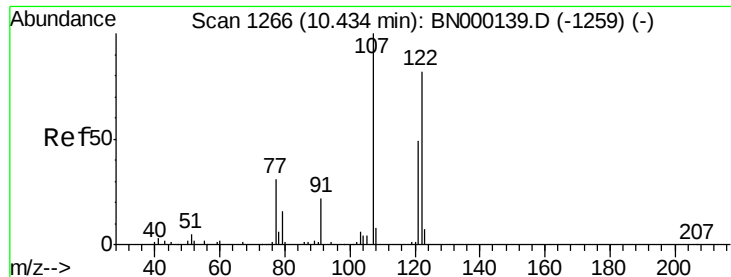


Abundance Ion 139.00 (138.70 to 139.70): BN000148.D (-1226) (-)

Ion 65.00 (64.70 to 65.70): BN000148.D (-1226) (-)

Ion 109.00 (108.70 to 109.70): BN000148.D (-1226) (-)

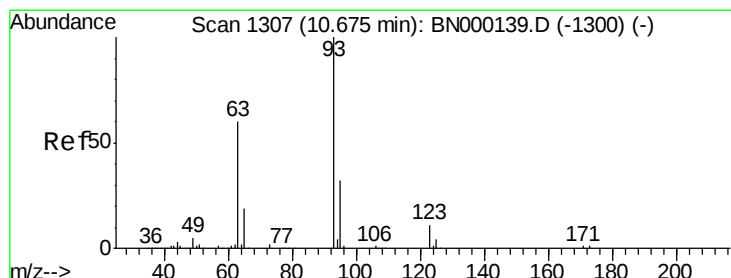
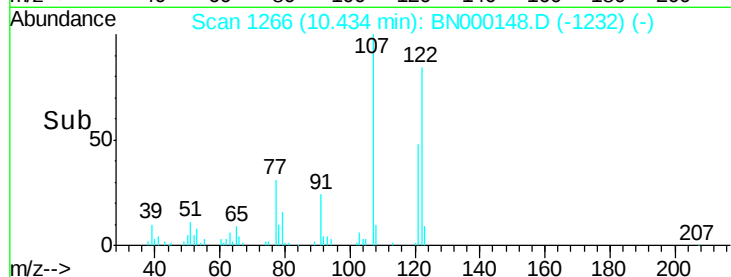
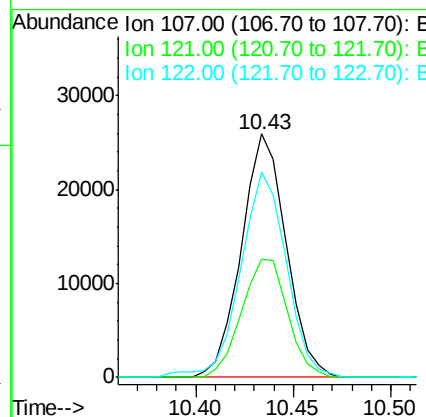
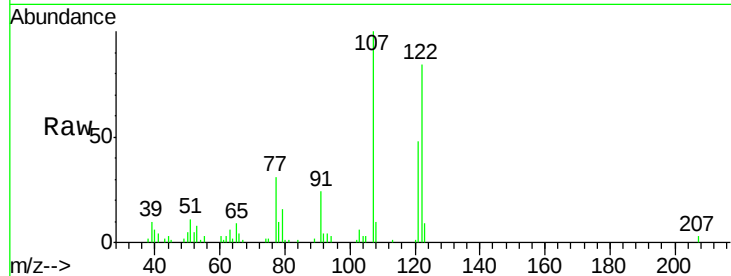
Time-->



#24
 2,4-Dimethylphenol
 Concen: 3.335 ng/ul
 RT: 10.43 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BN000148.D
 Acq: 21 Feb 2018 14:32

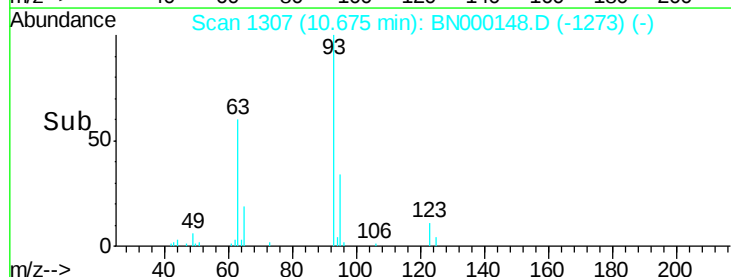
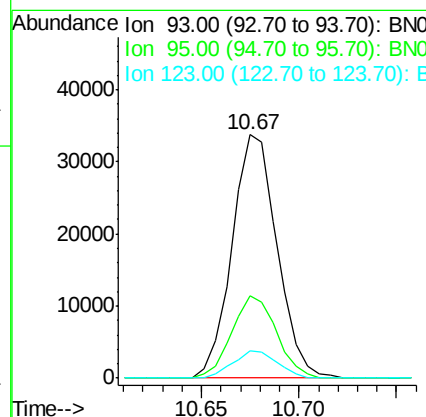
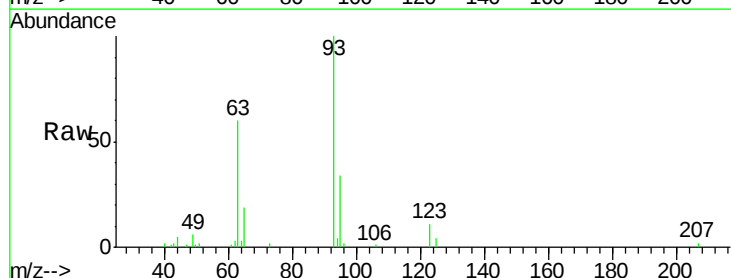
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-ME-03

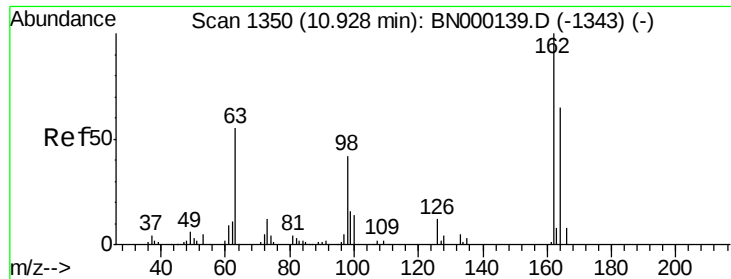
Tgt Ion: 107 Resp: 41276
 Ion Ratio Lower Upper
 107 100
 121 48.4 38.1 57.1
 122 84.2 63.8 95.8



#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.530 ng/ul
 RT: 10.67 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: BN000148.D
 Acq: 21 Feb 2018 14:32

Tgt Ion: 93 Resp: 53908
 Ion Ratio Lower Upper
 93 100
 95 33.8 24.7 37.1
 123 11.0 8.2 12.2

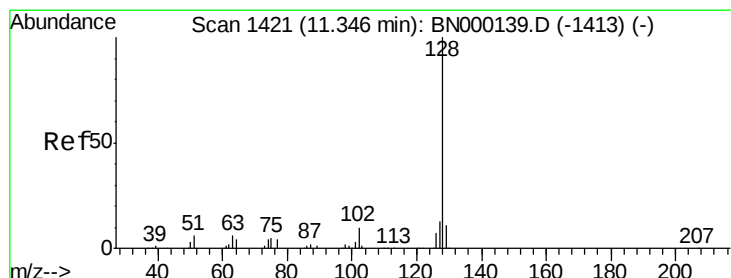
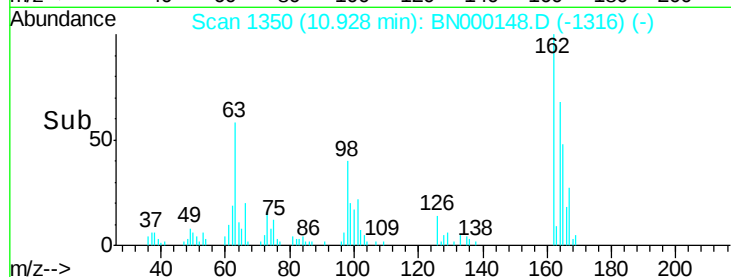
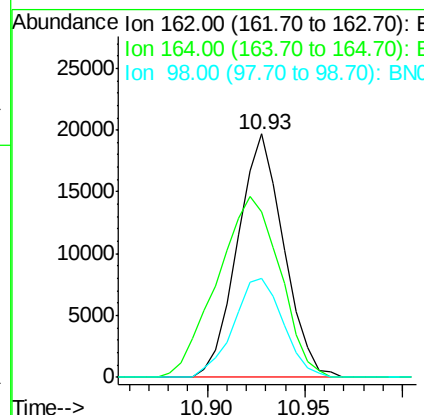
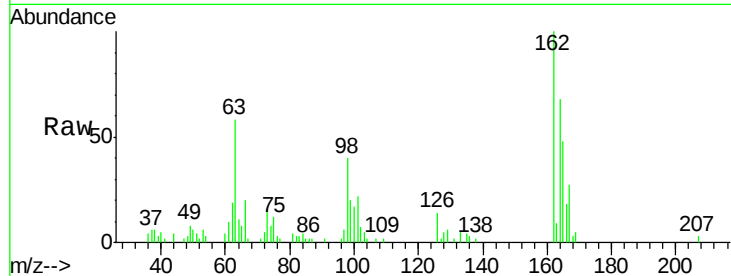




#27
 2,4-Dichlorophenol
 Concen: 3.541 ng/ul
 RT: 10.93 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: BN000148.D
 Acq: 21 Feb 2018 14:32

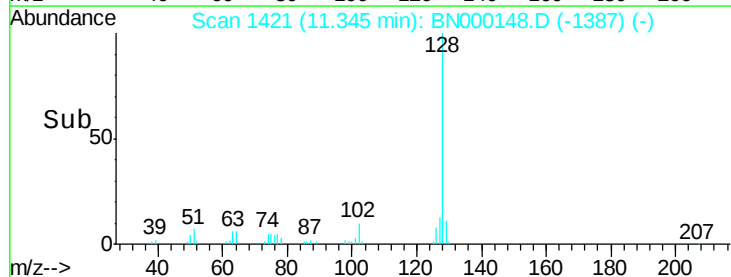
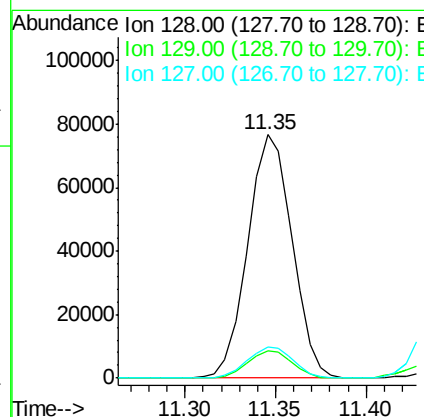
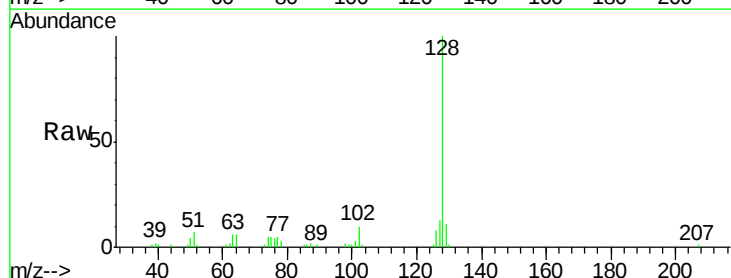
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-ME-03

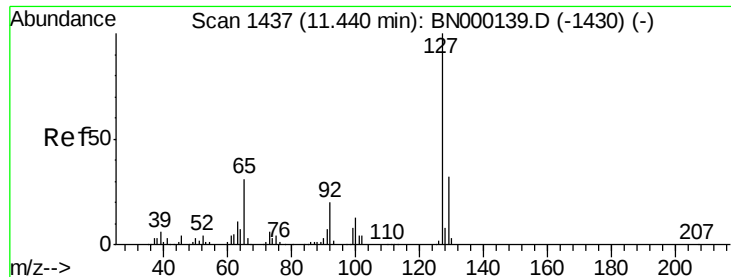
Tgt Ion:162 Resp: 32265
 Ion Ratio Lower Upper
 162 100
 164 68.0 52.0 78.0
 98 40.5 26.6 39.8#



#28
 Naphthalene
 Concen: 3.793 ng/ul
 RT: 11.35 min Scan# 1421
 Delta R.T. -0.00 min
 Lab File: BN000148.D
 Acq: 21 Feb 2018 14:32

Tgt Ion:128 Resp: 130470
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.3 12.5
 127 13.0 10.8 16.2

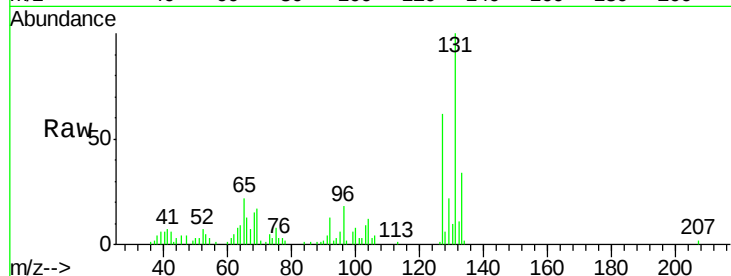




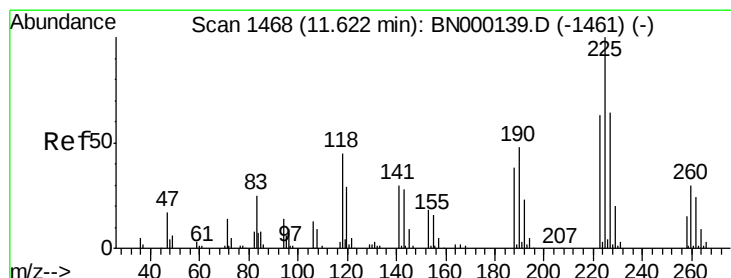
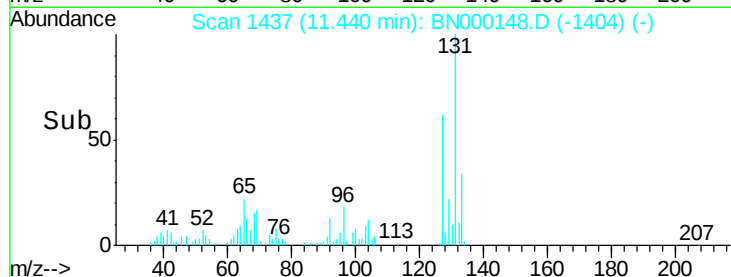
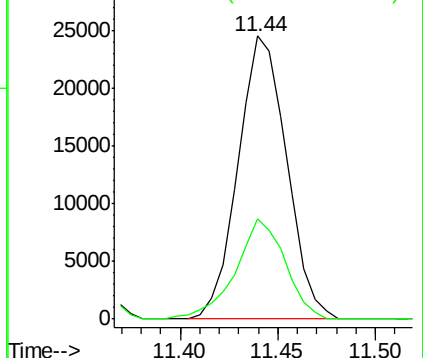
#30
4-Chloroaniline
Concen: 4.019 ng/ul
RT: 11.44 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BN000148.D
Acq: 21 Feb 2018 14:32

Instrument :
BNA_N
ClientSampled :
MDL-S-ME-03

Tgt Ion:127 Resp: 42256
Ion Ratio Lower Upper
127 100
129 35.6 24.6 37.0

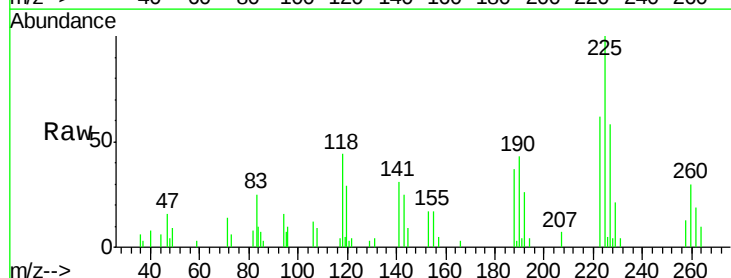


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

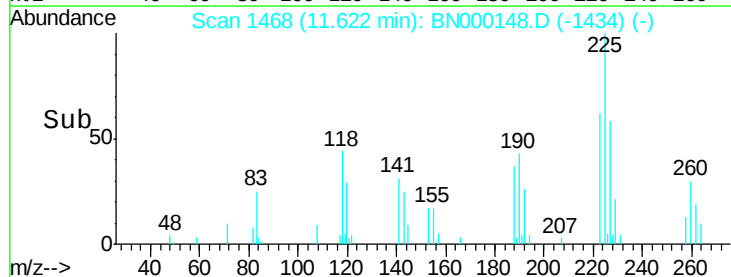
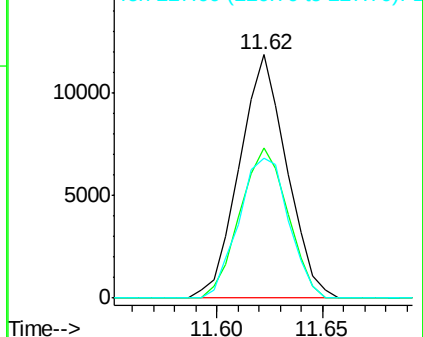


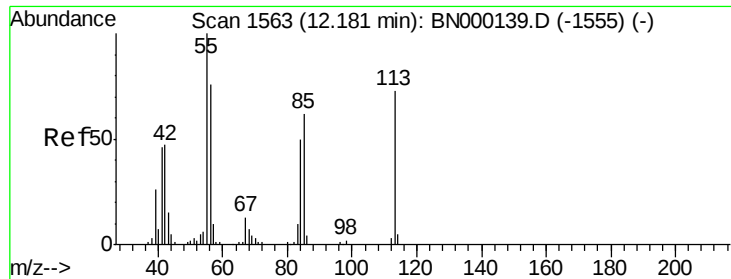
#31
Hexachlorobutadiene
Concen: 3.824 ng/ul
RT: 11.62 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BN000148.D
Acq: 21 Feb 2018 14:32

Tgt Ion:225 Resp: 18459
Ion Ratio Lower Upper
225 100
223 61.9 48.1 72.1
227 57.5 52.1 78.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 2.584 ng/ul

RT: 12.16 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

Instrument :

BNA_N

ClientSampleId :

MDL-S-ME-03

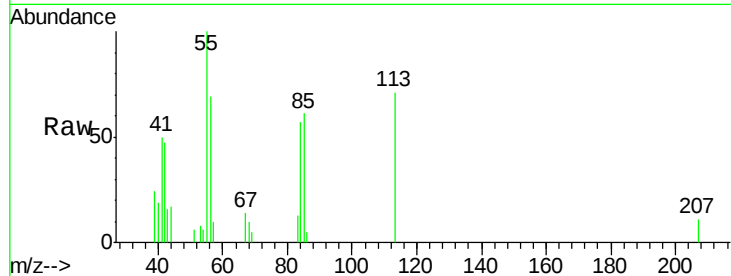
Tgt Ion:113 Resp: 8925

Ion Ratio Lower Upper

113 100

55 140.9 131.7 197.5

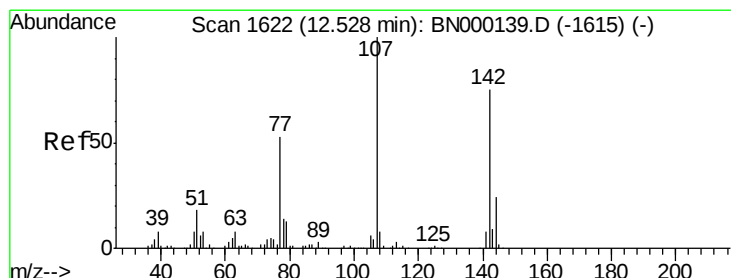
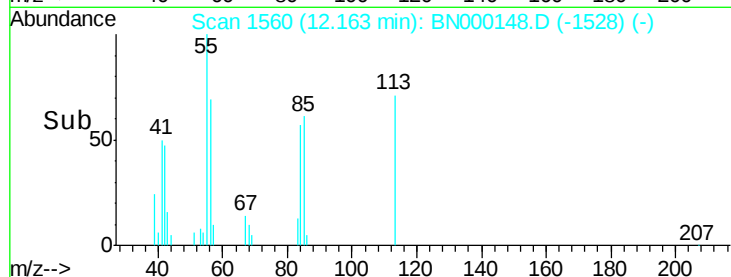
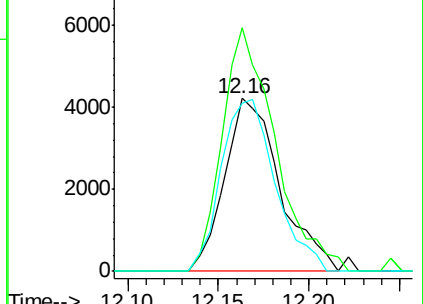
56 97.0 92.7 139.1



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: 2.830 ng/ul

RT: 12.53 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

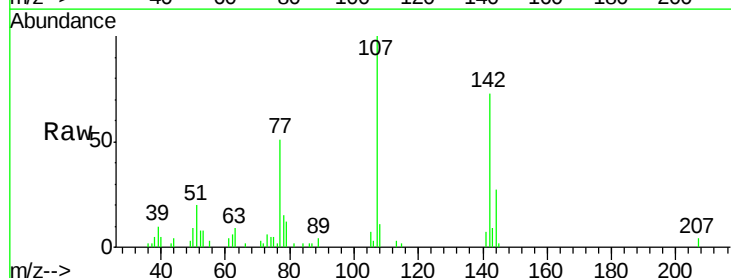
Tgt Ion:107 Resp: 31657

Ion Ratio Lower Upper

107 100

144 26.7 21.1 31.7

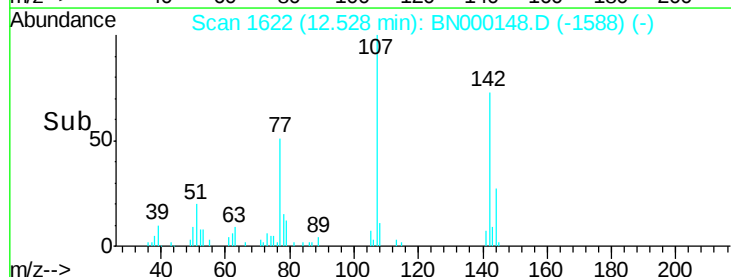
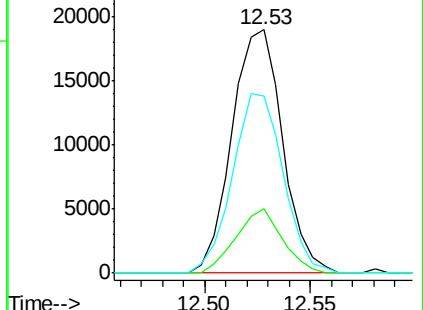
142 72.6 60.1 90.1

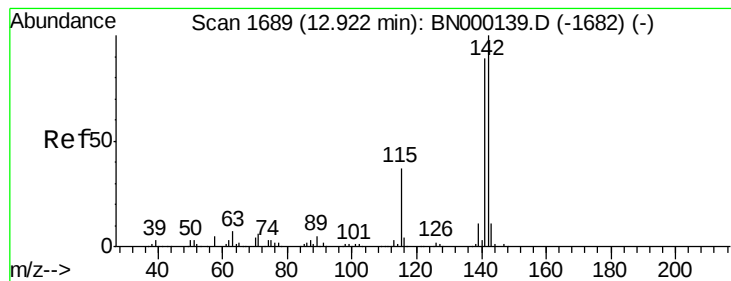


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 3.683 ng/ul

RT: 12.92 min Scan# 1689

Delta R.T. -0.00 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

Instrument :

BNA_N

ClientSampleId :

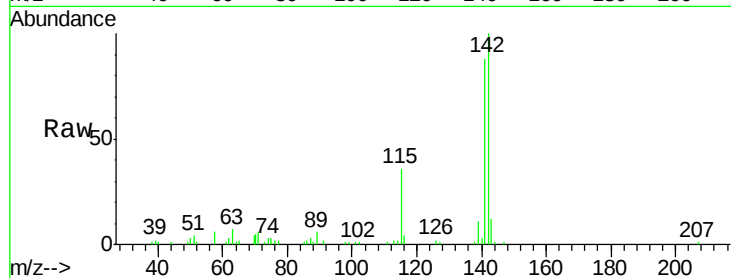
MDL-S-ME-03

Tgt Ion:142 Resp: 88274

Ion Ratio Lower Upper

142 100

141 88.0 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

60000

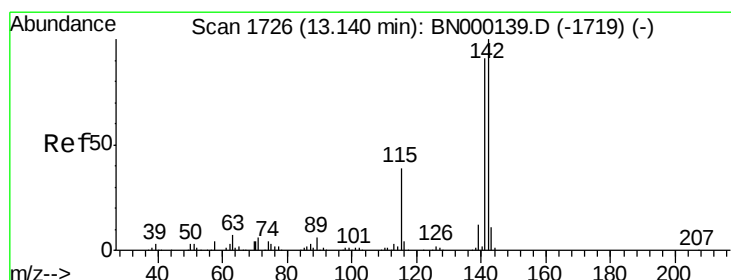
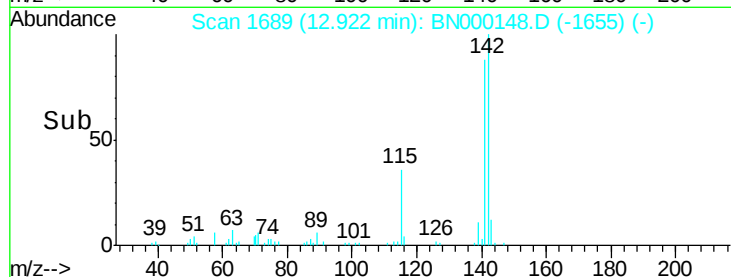
40000

20000

0

12.85 12.90 12.95

Time-->



#35

1-Methylnaphthalene

Concen: 3.601 ng/ul

RT: 13.14 min Scan# 1726

Delta R.T. -0.00 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

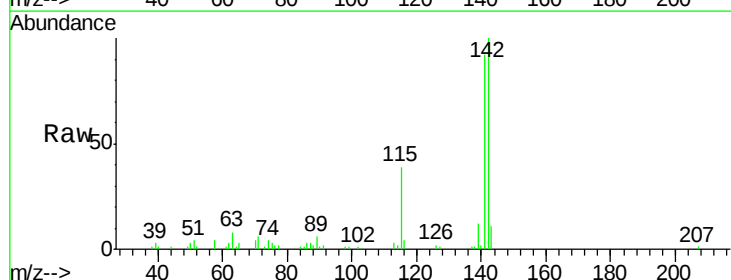
Tgt Ion:142 Resp: 86632

Ion Ratio Lower Upper

142 100

141 92.3 76.6 115.0

116 4.2 3.6 5.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

60000

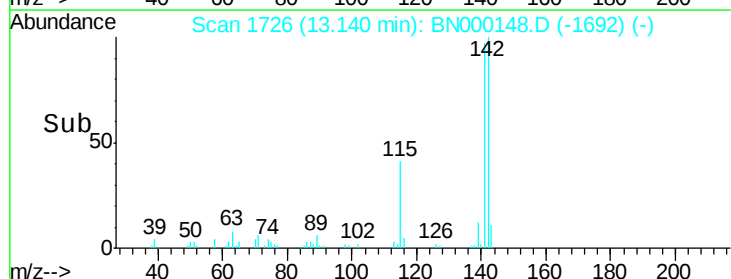
40000

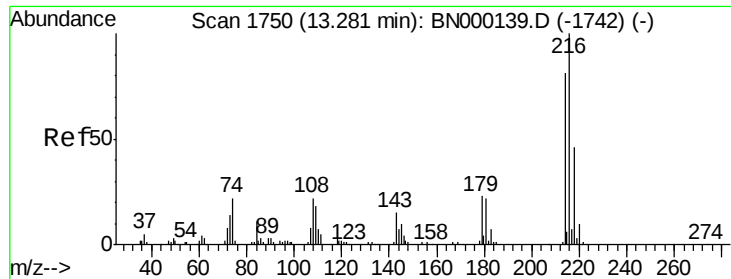
20000

0

13.10 13.15

Time-->

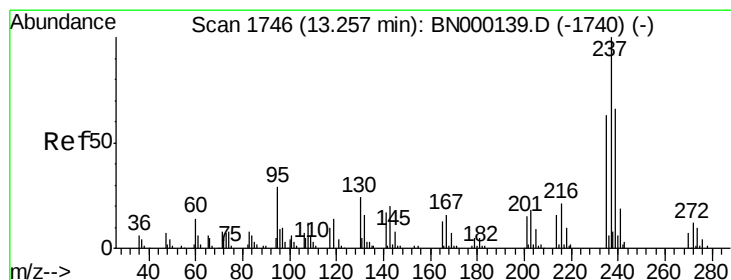
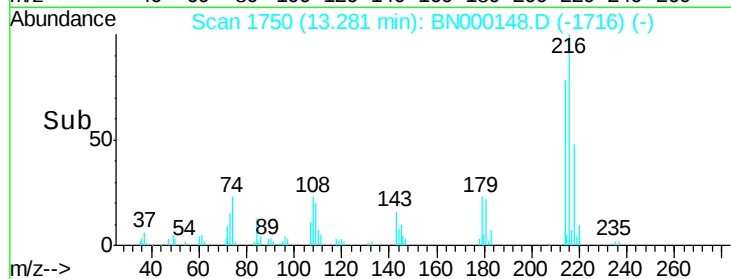
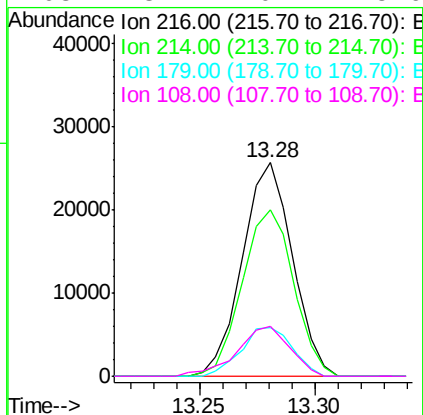
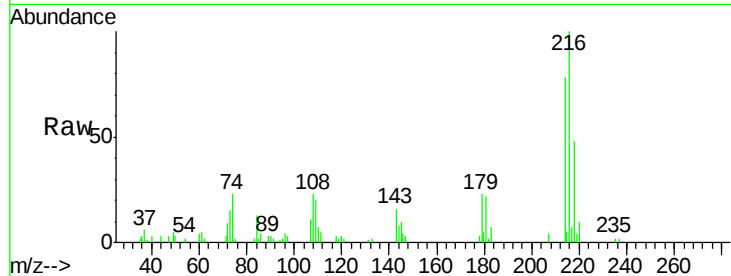




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.725 ng/ul
 RT: 13.28 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: BN000148.D
 Acq: 21 Feb 2018 14:32

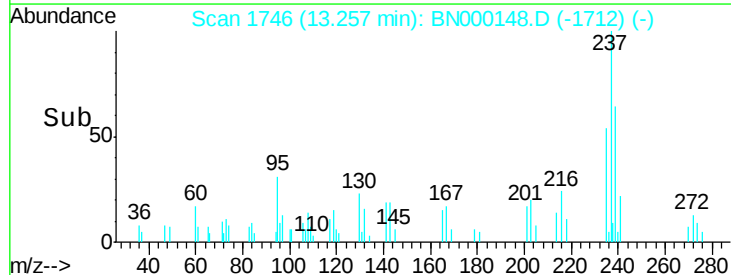
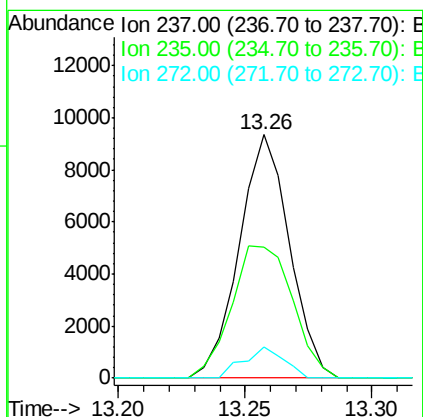
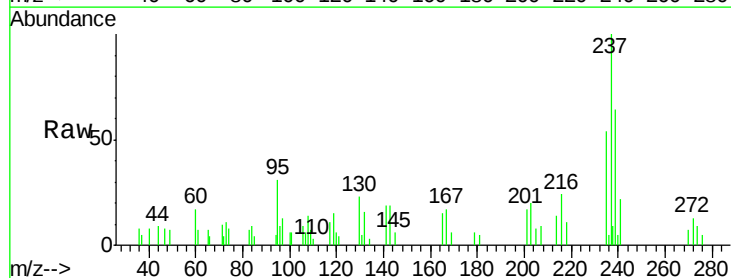
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-ME-03

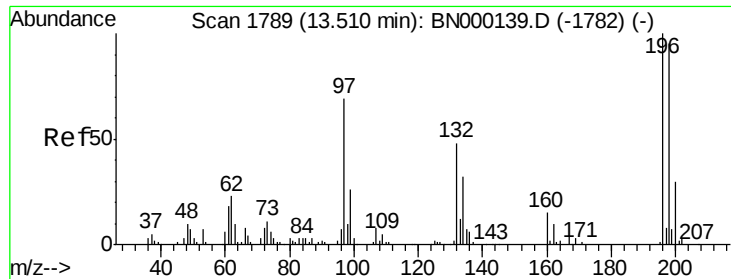
Tgt Ion:216 Resp: 38753
 Ion Ratio Lower Upper
 216 100
 214 77.7 64.1 96.1
 179 23.0 14.5 21.7#
 108 23.2 10.4 15.6#



#38
 Hexachlorocyclopentadiene
 Concen: 2.566 ng/ul
 RT: 13.26 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BN000148.D
 Acq: 21 Feb 2018 14:32

Tgt Ion:237 Resp: 12921
 Ion Ratio Lower Upper
 237 100
 235 54.0 49.5 74.3
 272 13.0 8.6 12.8#

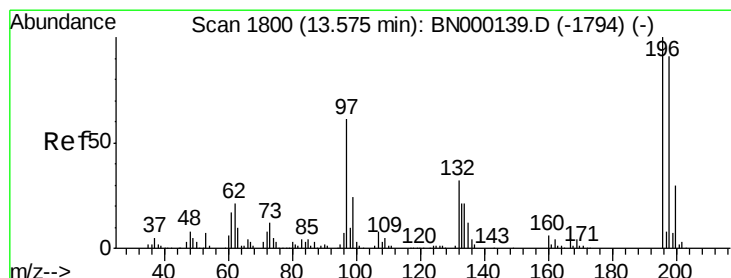
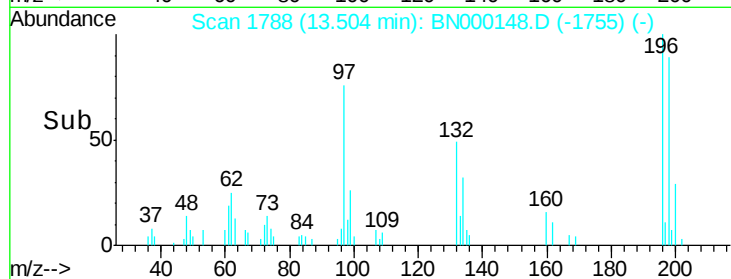
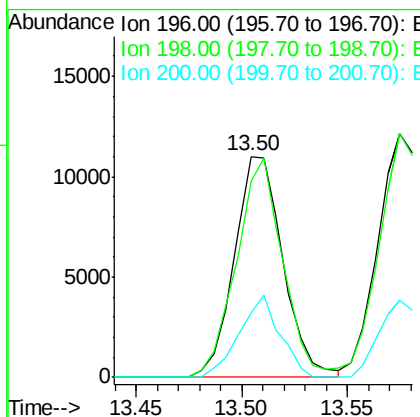
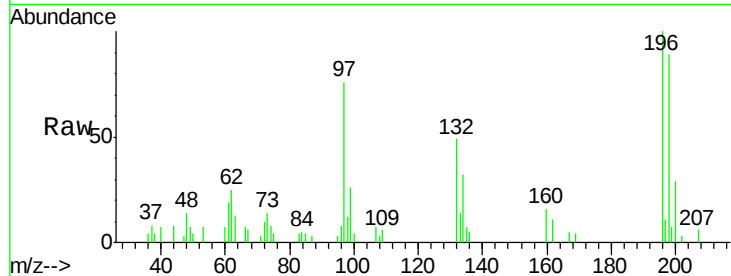




#39
 2,4,6-Trichlorophenol
 Concen: 2.671 ng/ul
 RT: 13.50 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BN000148.D
 Acq: 21 Feb 2018 14:32

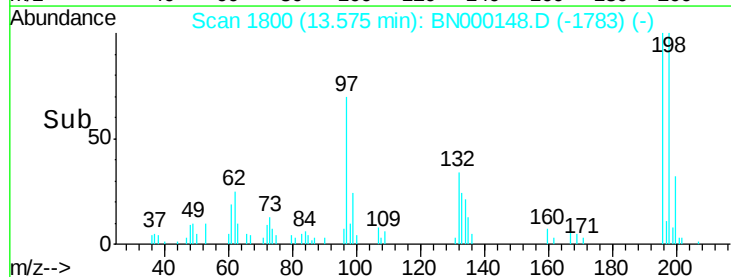
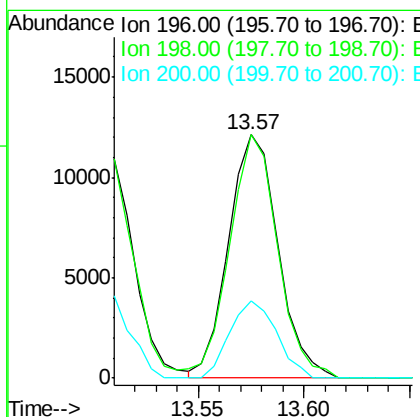
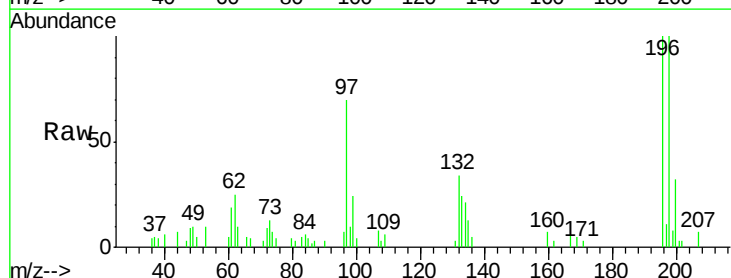
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-ME-03

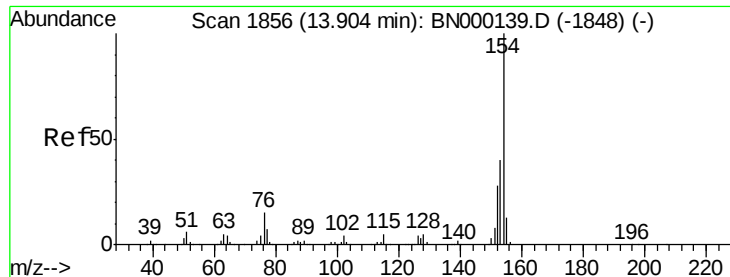
Tgt Ion:196 Resp: 17523
 Ion Ratio Lower Upper
 196 100
 198 89.0 75.9 113.9
 200 29.1 25.8 38.6



#40
 2,4,5-Trichlorophenol
 Concen: 2.795 ng/ul
 RT: 13.57 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BN000148.D
 Acq: 21 Feb 2018 14:32

Tgt Ion:196 Resp: 19707
 Ion Ratio Lower Upper
 196 100
 198 100.1 74.7 112.1
 200 31.9 25.4 38.0

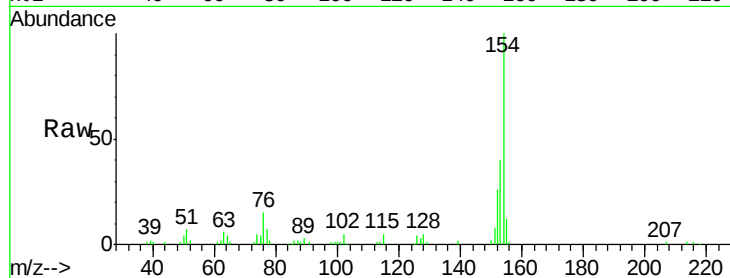




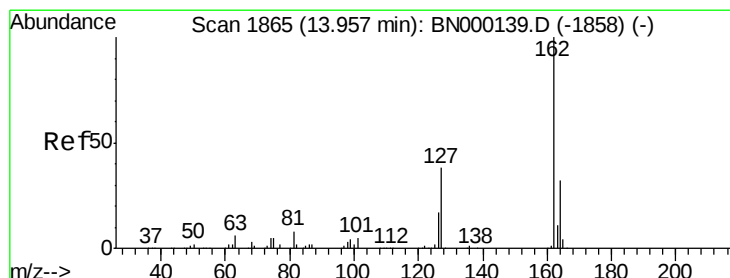
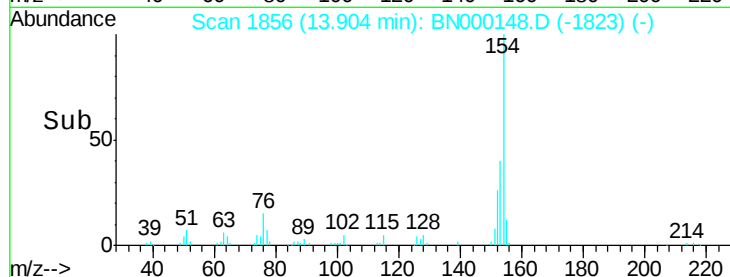
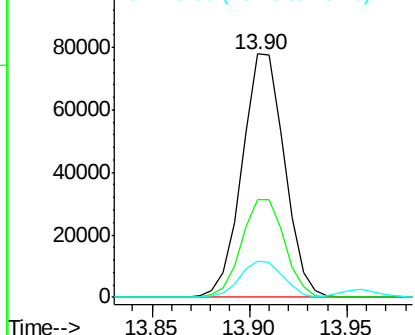
#41
 1,1'-Biphenyl
 Concen: 3.772 ng/ul
 RT: 13.90 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BN000148.D
 Acq: 21 Feb 2018 14:32

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-ME-03

Tgt Ion:154 Resp: 117270
 Ion Ratio Lower Upper
 154 100
 153 40.2 34.0 51.0
 76 15.0 8.4 12.6#

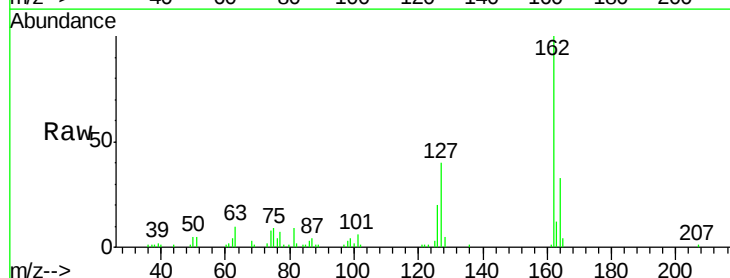


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC

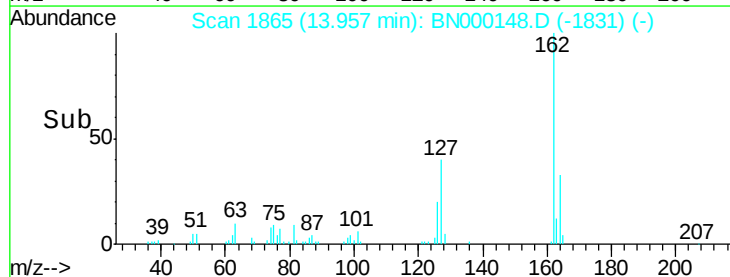
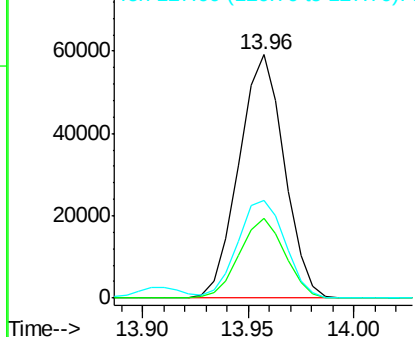


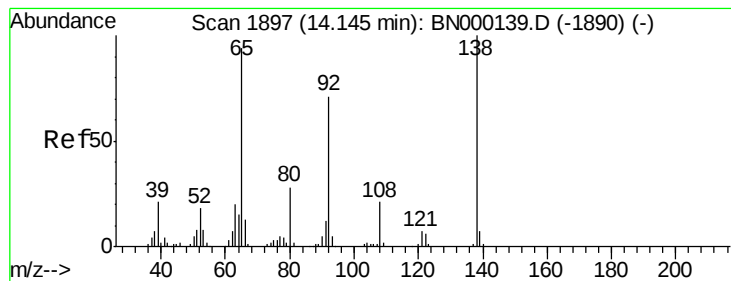
#42
 2-Chloronaphthalene
 Concen: 3.696 ng/ul
 RT: 13.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: BN000148.D
 Acq: 21 Feb 2018 14:32

Tgt Ion:162 Resp: 88256
 Ion Ratio Lower Upper
 162 100
 164 32.7 26.2 39.4
 127 40.1 29.5 44.3



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E





#43

2-Nitroaniline

Concen: 2.401 ng/ul

RT: 14.15 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

Instrument :

BNA_N

ClientSampleId :

MDL-S-ME-03

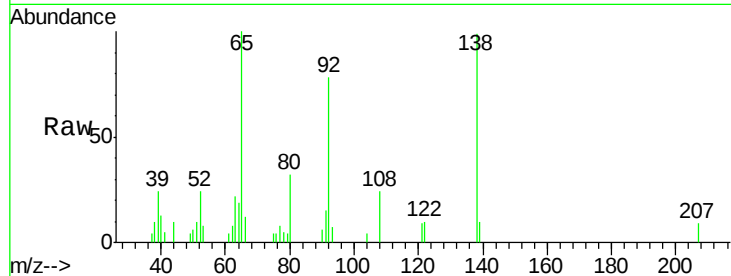
Tgt Ion: 65 Resp: 14680

Ion Ratio Lower Upper

65 100

92 77.6 57.0 85.4

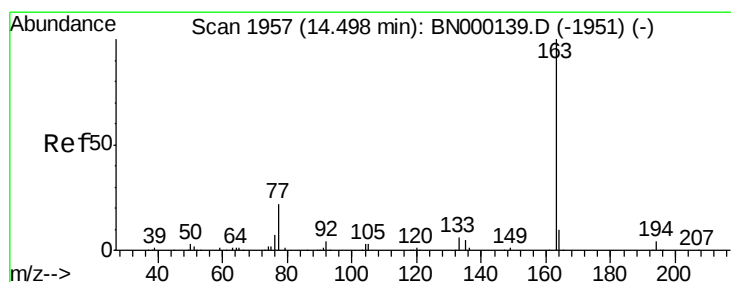
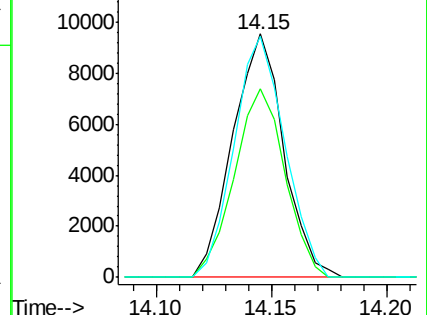
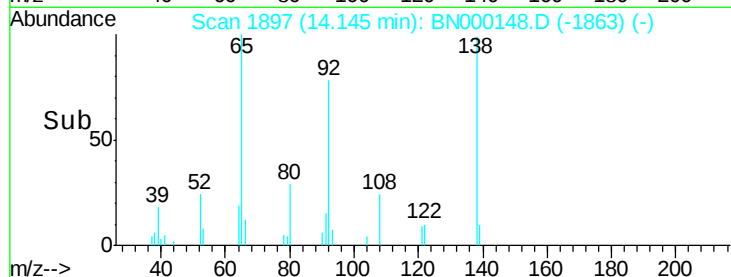
138 99.0 87.2 130.8



Abundance Ion 65.00 (64.70 to 65.70): BN000139.D (-1890) (-)

Ion 92.00 (91.70 to 92.70): BN000139.D (-1890) (-)

Ion 138.00 (137.70 to 138.70): BN000139.D (-1890) (-)



#45

Dimethylphthalate

Concen: 3.724 ng/ul

RT: 14.50 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

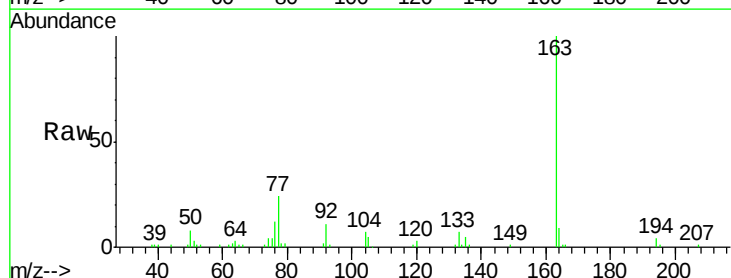
Tgt Ion: 163 Resp: 109177

Ion Ratio Lower Upper

163 100

194 3.8 4.0 6.0#

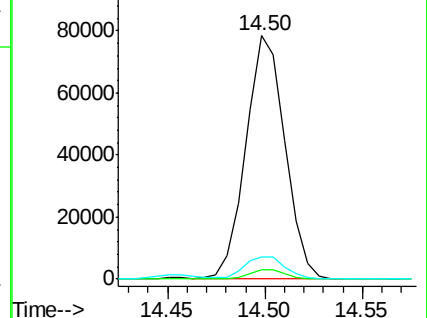
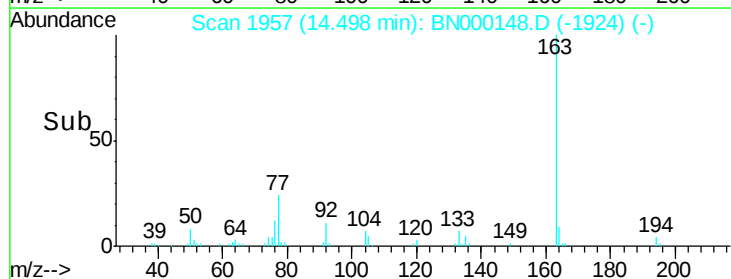
164 9.3 8.4 12.6

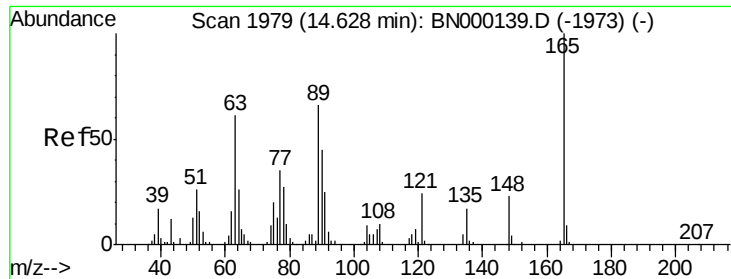


Abundance Ion 163.00 (162.70 to 163.70): BN000139.D (-1951) (-)

Ion 194.00 (193.70 to 194.70): BN000139.D (-1951) (-)

Ion 164.00 (163.70 to 164.70): BN000139.D (-1951) (-)

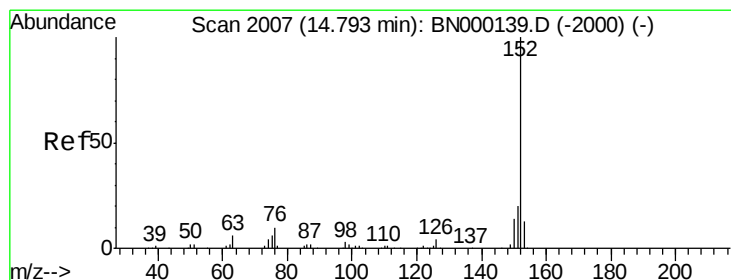
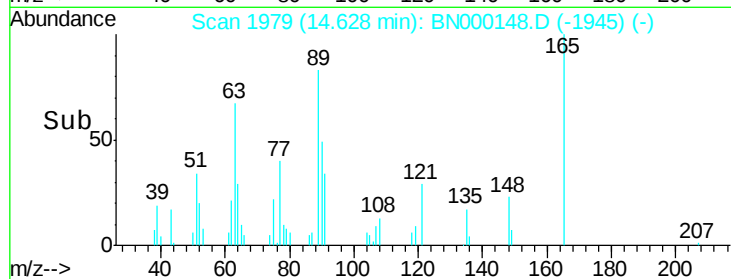
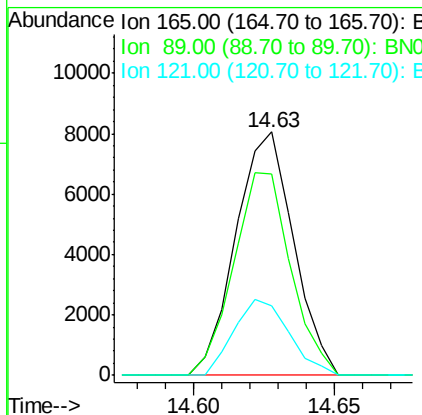
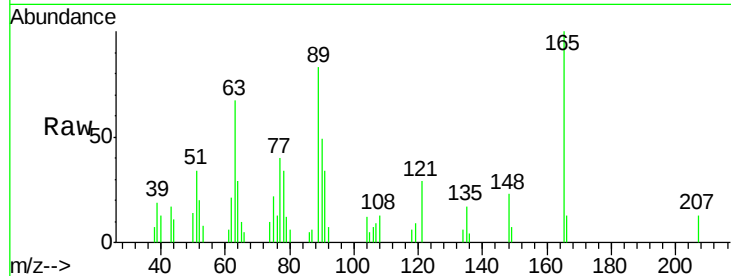




#46
 2,6-Dinitrotoluene
 Concen: 2.335 ng/ul
 RT: 14.63 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BN000148.D
 Acq: 21 Feb 2018 14:32

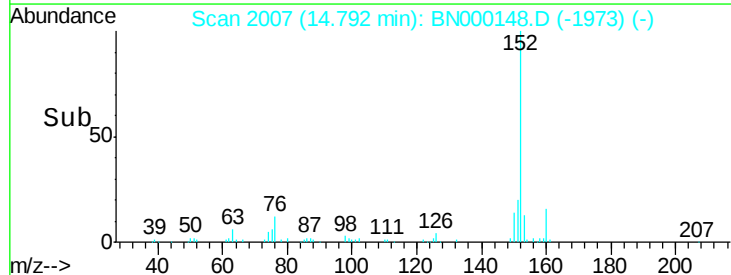
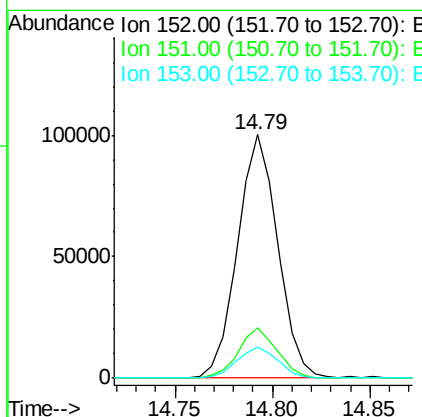
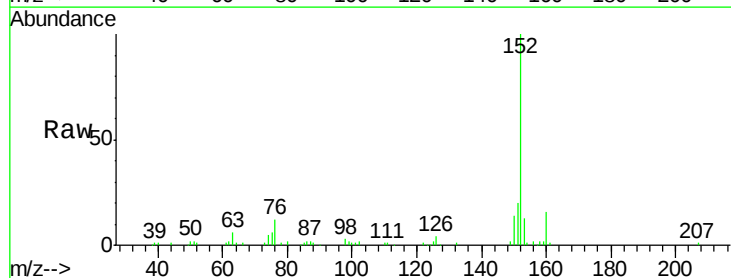
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-ME-03

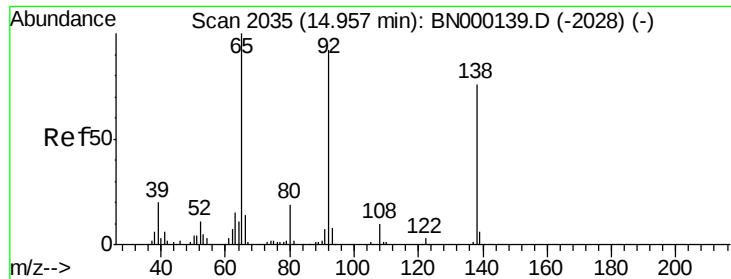
Tgt Ion:165 Resp: 11437
 Ion Ratio Lower Upper
 165 100
 89 82.9 43.8 65.8#
 121 28.7 17.8 26.6#



#48
 Acenaphthylene
 Concen: 3.805 ng/ul
 RT: 14.79 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BN000148.D
 Acq: 21 Feb 2018 14:32

Tgt Ion:152 Resp: 143211
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.1 24.1
 153 12.6 10.8 16.2

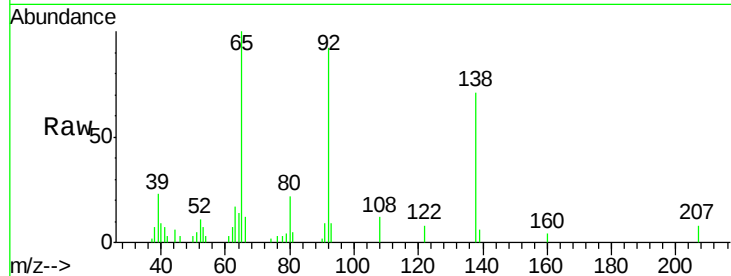




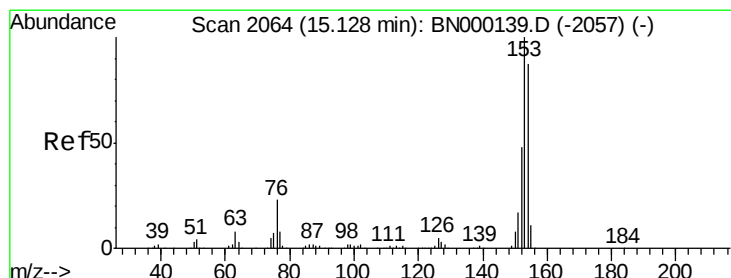
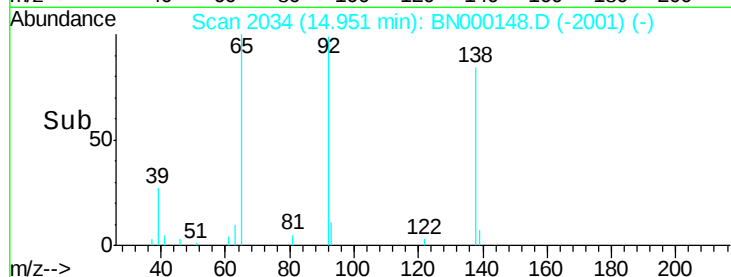
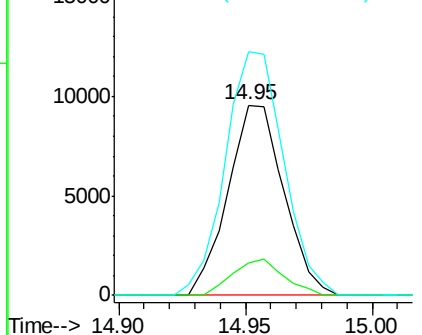
#49
3-Nitroaniline
Concen: 2.494 ng/ul
RT: 14.95 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BN000148.D
Acq: 21 Feb 2018 14:32

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-03

Tgt Ion:138 Resp: 14617
Ion Ratio Lower Upper
138 100
108 17.1 7.6 11.4#
92 128.2 94.2 141.2

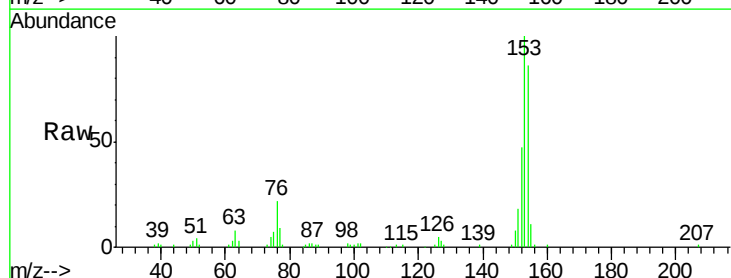


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BNC

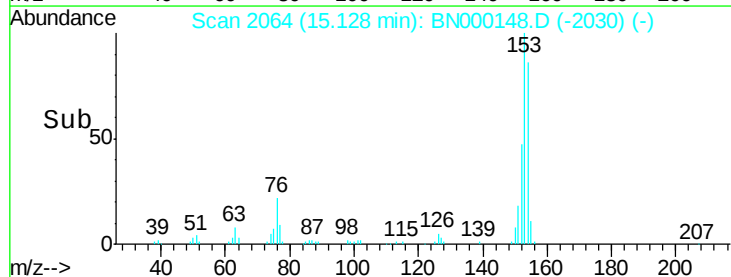
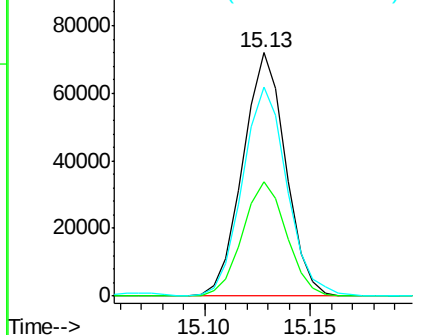


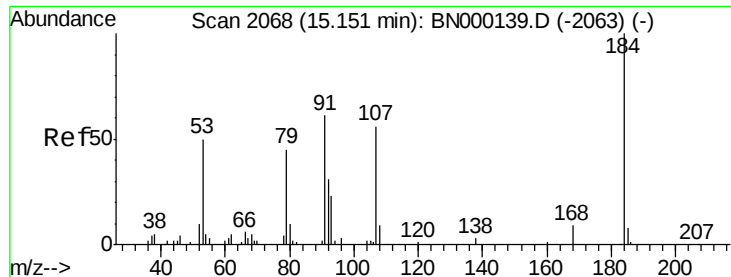
#50
Acenaphthene
Concen: 3.815 ng/ul
RT: 15.13 min Scan# 2064
Delta R.T. -0.00 min
Lab File: BN000148.D
Acq: 21 Feb 2018 14:32

Tgt Ion:153 Resp: 101268
Ion Ratio Lower Upper
153 100
152 47.1 37.9 56.9
154 85.9 69.8 104.6



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

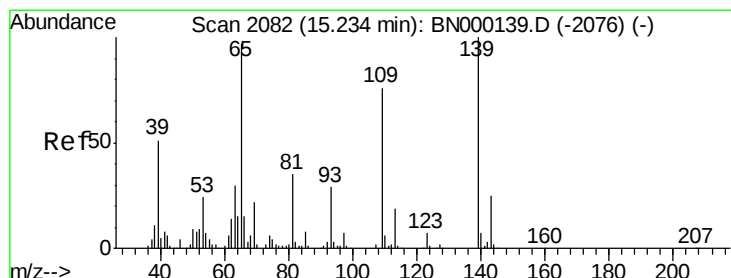
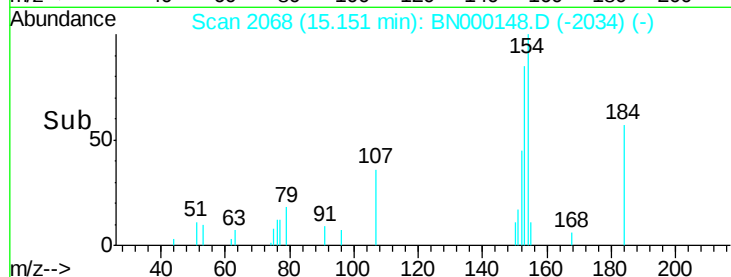
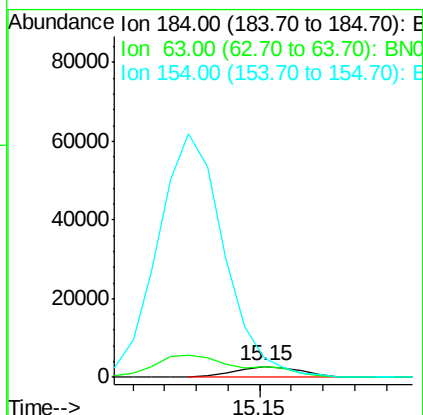
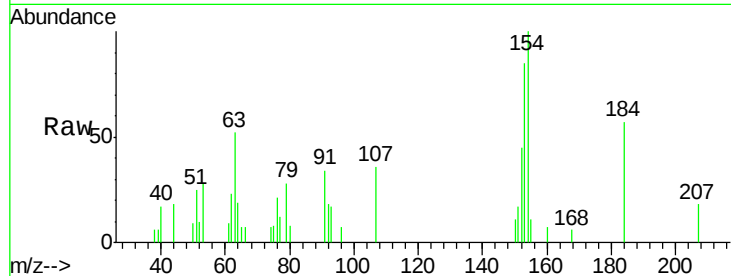




#51
 2,4-Dinitrophenol
 Concen: 1.744 ng/ul
 RT: 15.15 min Scan# 2068
 Delta R.T. -0.00 min
 Lab File: BN000148.D
 Acq: 21 Feb 2018 14:32

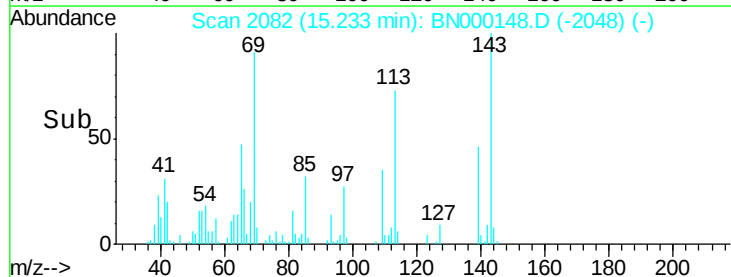
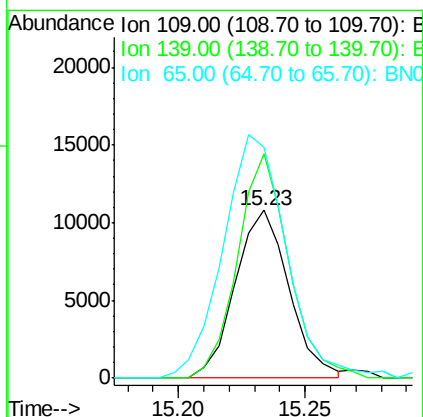
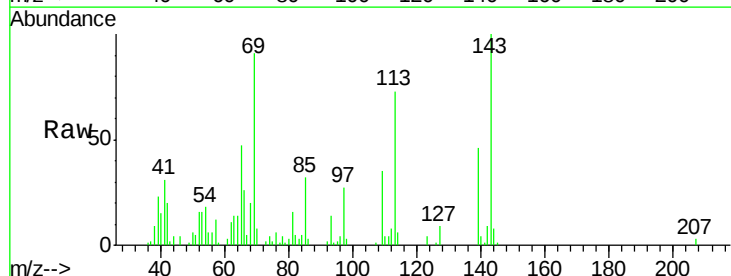
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-ME-03

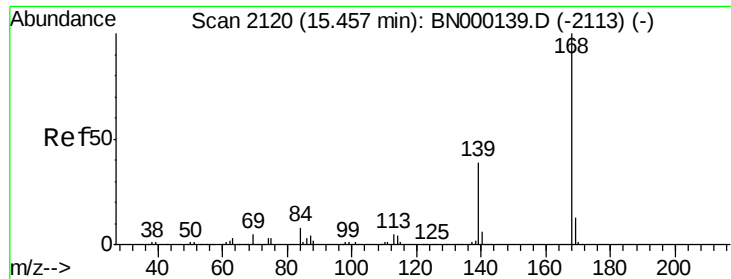
Tgt Ion:184 Resp: 3962
 Ion Ratio Lower Upper
 184 100
 63 91.8 39.7 59.5#
 154 174.9 45.0 67.6#



#53
 4-Nitrophenol
 Concen: 3.302 ng/ul
 RT: 15.23 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BN000148.D
 Acq: 21 Feb 2018 14:32

Tgt Ion:109 Resp: 15964
 Ion Ratio Lower Upper
 109 100
 139 133.7 91.2 136.8
 65 137.2 92.6 139.0





#54

Dibenzenofuran

Concen: 3.914 ng/ul

RT: 15.46 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

Instrument :

BNA_N

ClientSampleId :

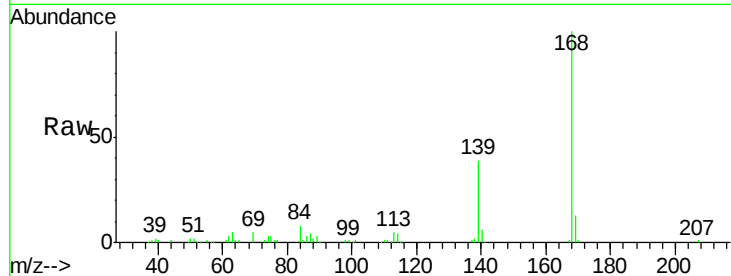
MDL-S-ME-03

Tgt Ion:168 Resp: 144223

Ion Ratio Lower Upper

168 100

139 39.2 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

120000

100000

80000

60000

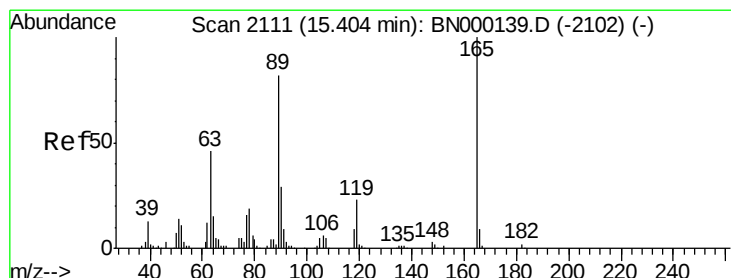
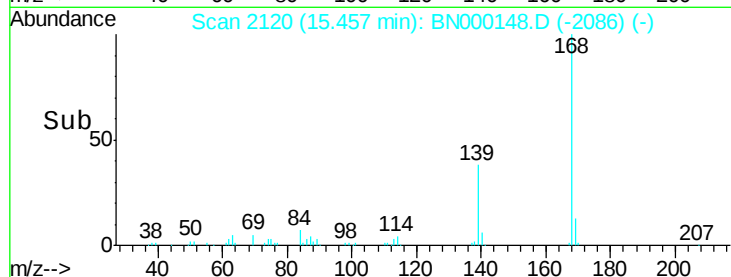
40000

20000

0

15.40 15.45 15.50

Time-->



#55

2,4-Dinitrotoluene

Concen: 2.741 ng/ul

RT: 15.40 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

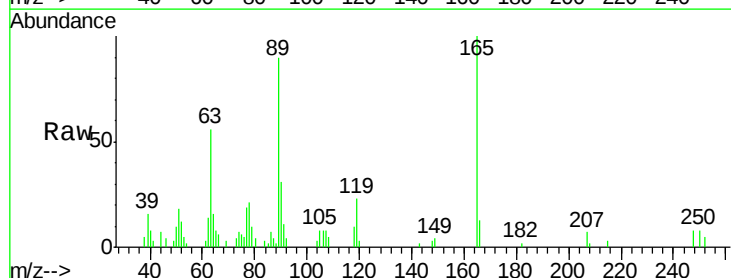
Tgt Ion:165 Resp: 20767

Ion Ratio Lower Upper

165 100

63 56.0 31.4 47.0#

182 2.4 2.7 4.1#



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

20000

15000

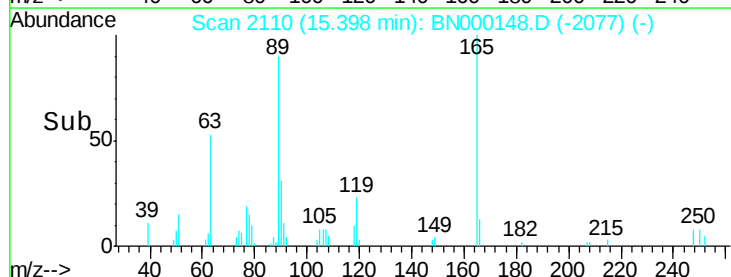
10000

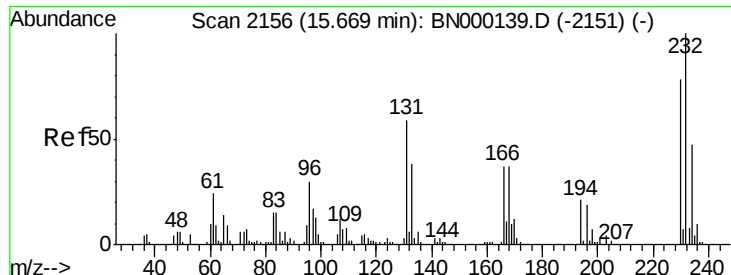
5000

0

15.35 15.40 15.45

Time-->

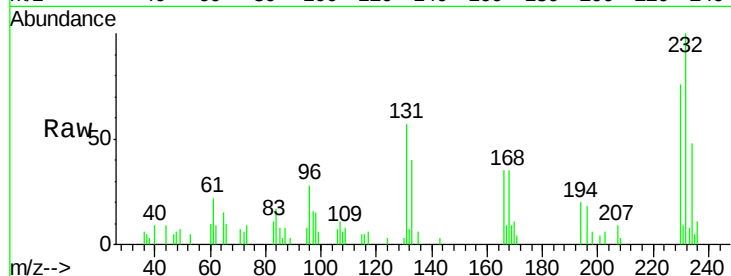




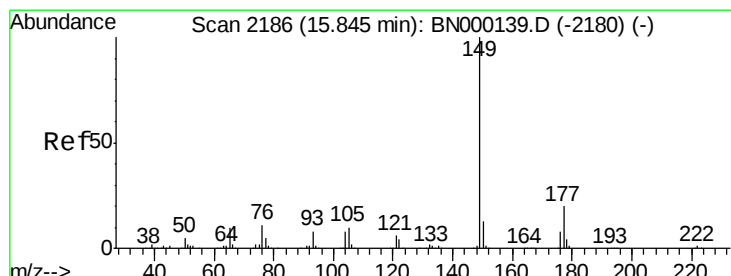
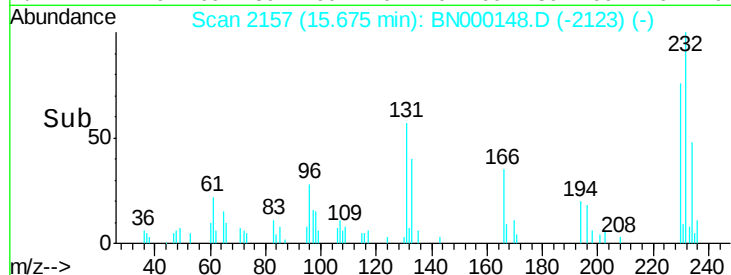
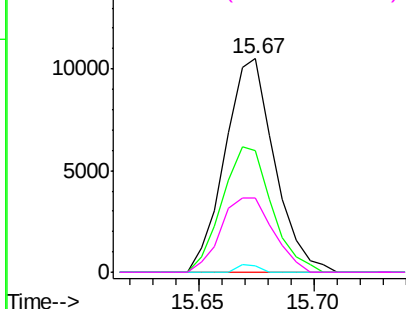
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 2.771 ng/ul
 RT: 15.67 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BN000148.D
 Acq: 21 Feb 2018 14:32

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-ME-03

Tgt Ion: 232 Resp: 15762
 Ion Ratio Lower Upper
 232 100
 131 57.0 48.0 72.0
 130 3.3 4.0 6.0#
 166 34.9 32.0 48.0

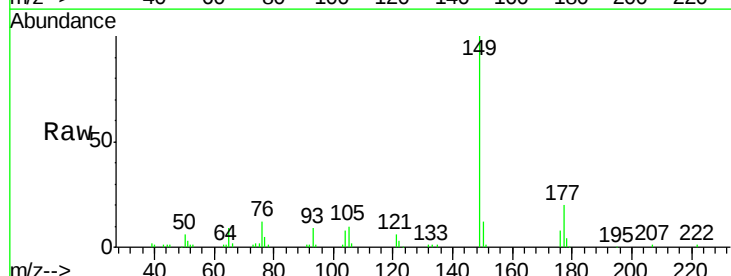


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

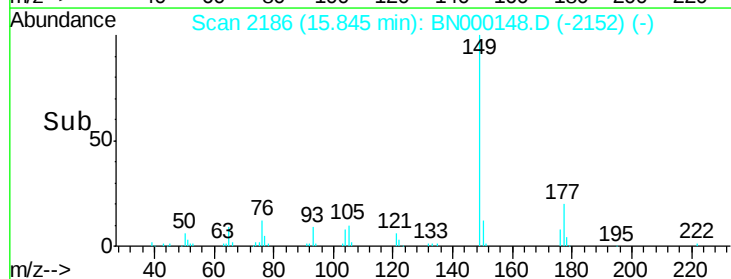
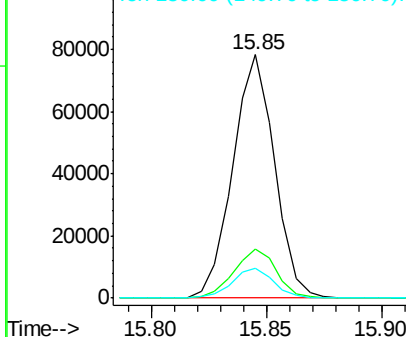


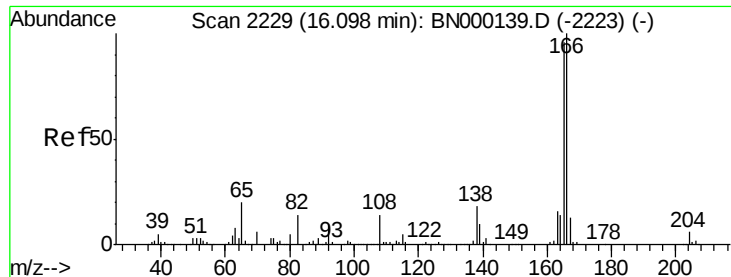
#57
 Diethylphthalate
 Concen: 3.329 ng/ul
 RT: 15.85 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BN000148.D
 Acq: 21 Feb 2018 14:32

Tgt Ion: 149 Resp: 98330
 Ion Ratio Lower Upper
 149 100
 177 20.0 19.3 28.9
 150 12.4 10.6 15.8



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





#59

Fluorene

Concen: 3.894 ng/ul

RT: 16.10 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

Instrument :

BNA_N

ClientSampleId :

MDL-S-ME-03

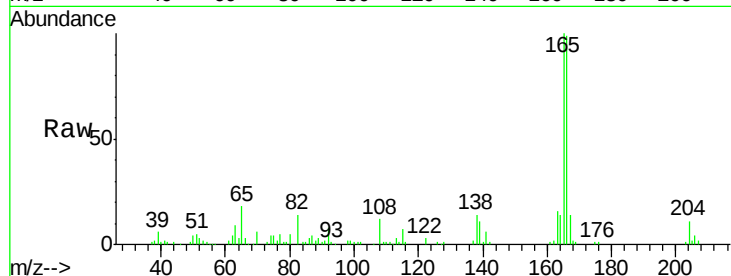
Tgt Ion:166 Resp: 115170

Ion Ratio Lower Upper

166 100

165 100.8 78.4 117.6

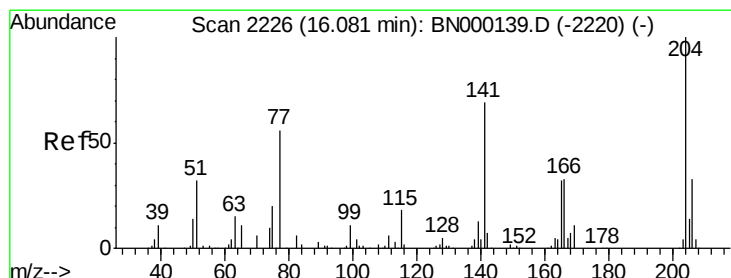
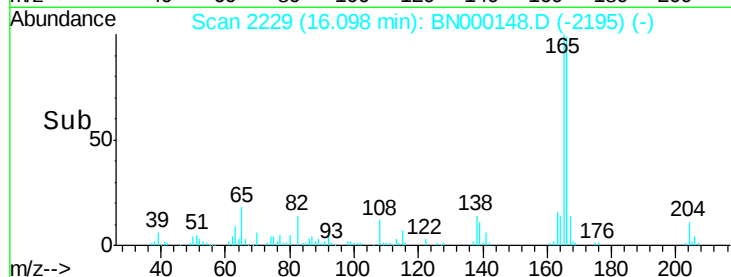
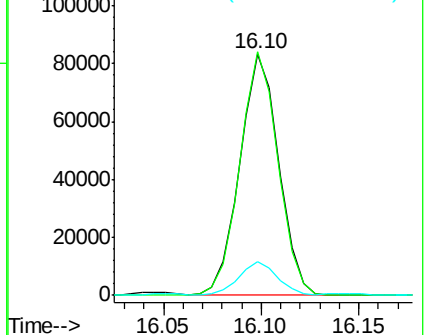
167 14.1 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 3.922 ng/ul

RT: 16.08 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

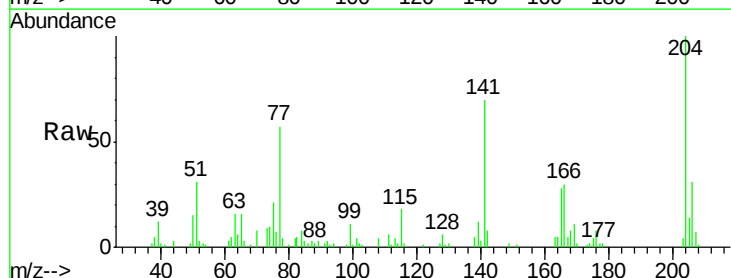
Tgt Ion:204 Resp: 52400

Ion Ratio Lower Upper

204 100

206 31.0 26.6 40.0

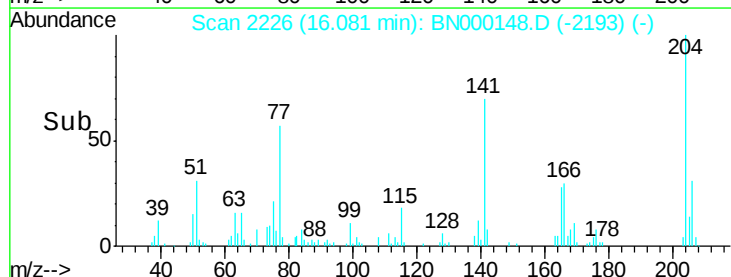
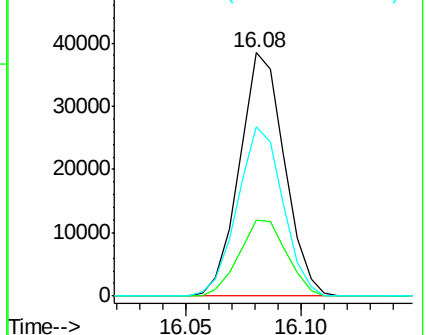
141 69.7 40.7 61.1#

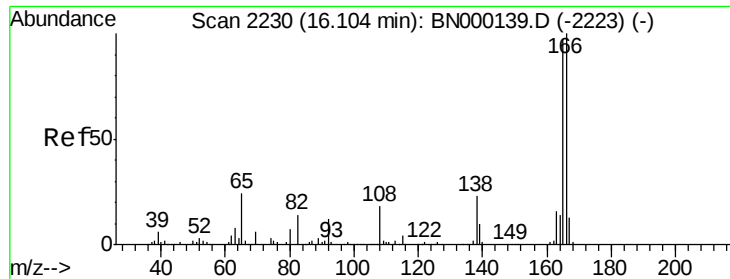


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

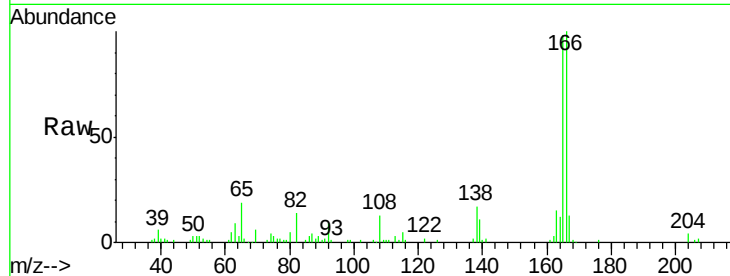




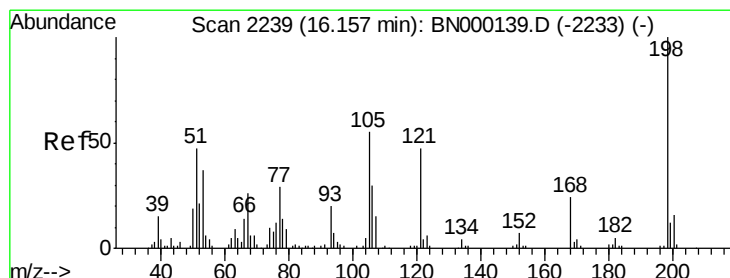
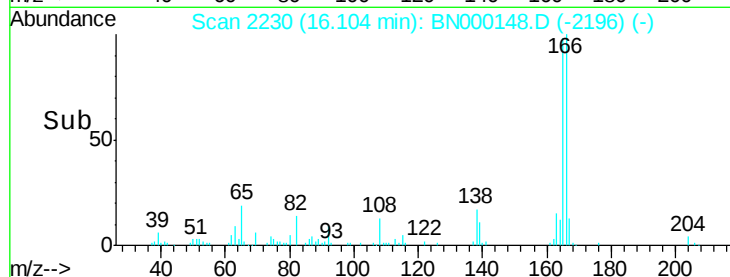
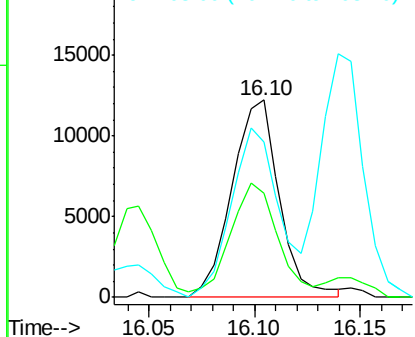
#61
4-Nitroaniline
Concen: 2.708 ng/ul
RT: 16.10 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BN000148.D
Acq: 21 Feb 2018 14:32

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-03

Tgt Ion:138 Resp: 18995
Ion Ratio Lower Upper
138 100
92 52.4 38.2 57.4
108 78.8 70.0 105.0

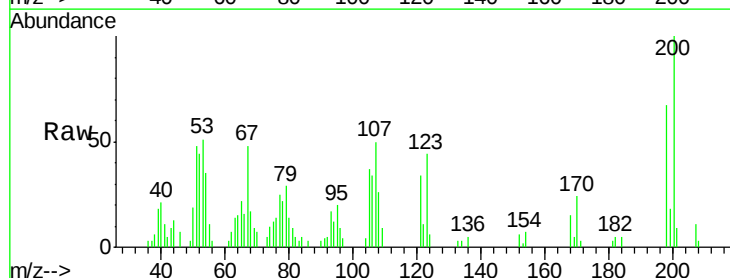


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BNO
Ion 108.00 (107.70 to 108.70): E

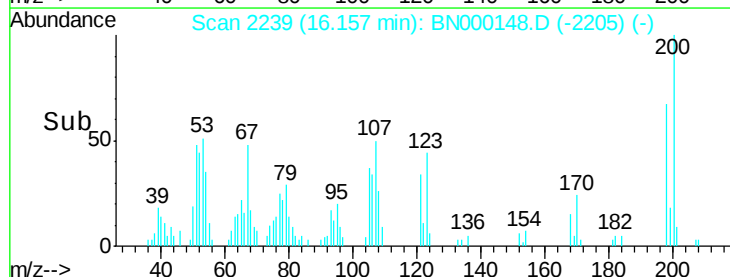
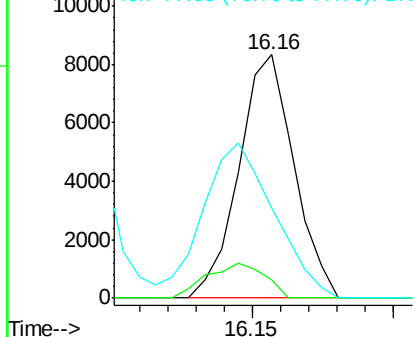


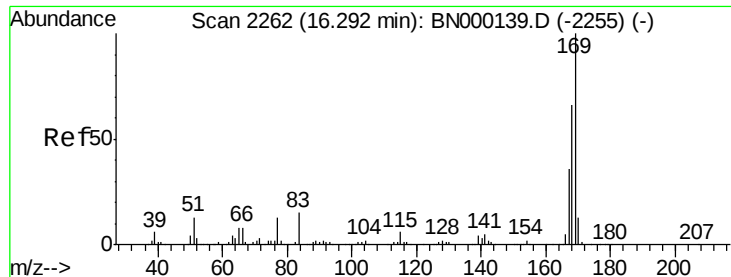
#64
4,6-Dinitro-2-methylphenol
Concen: 2.767 ng/ul
RT: 16.16 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BN000148.D
Acq: 21 Feb 2018 14:32

Tgt Ion:198 Resp: 11283
Ion Ratio Lower Upper
198 100
182 7.6 3.5 5.3#
77 36.9 18.2 27.4#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): BNO



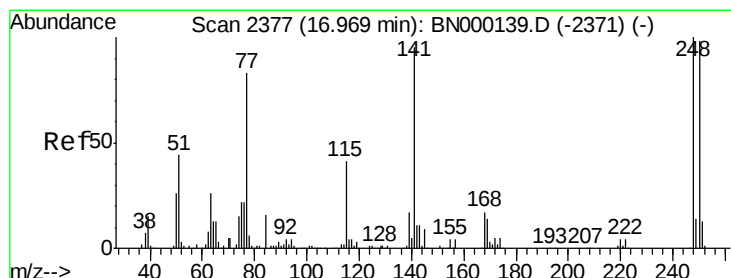
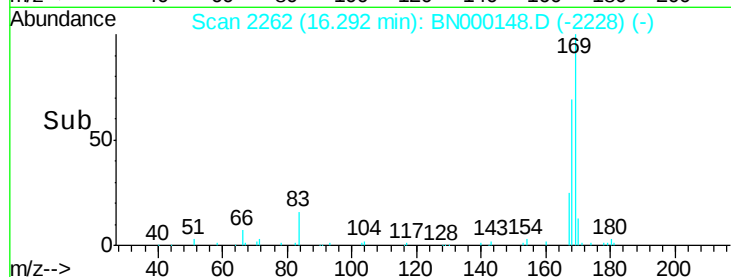
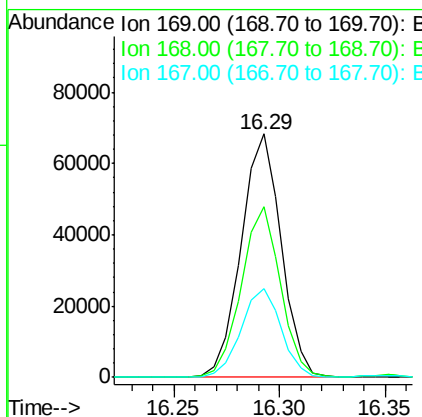
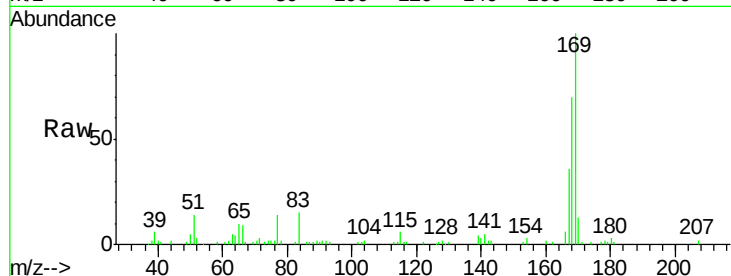


#65

N-Nitrosodiphenylamine
 Concen: 3.449 ng/ul
 RT: 16.29 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: BN000148.D
 Acq: 21 Feb 2018 14:32

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-ME-03

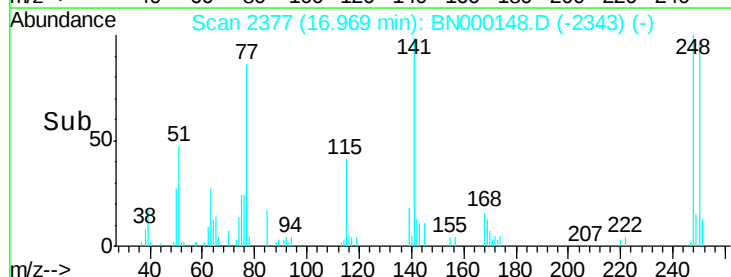
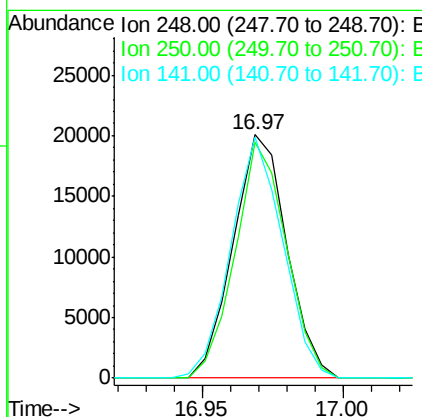
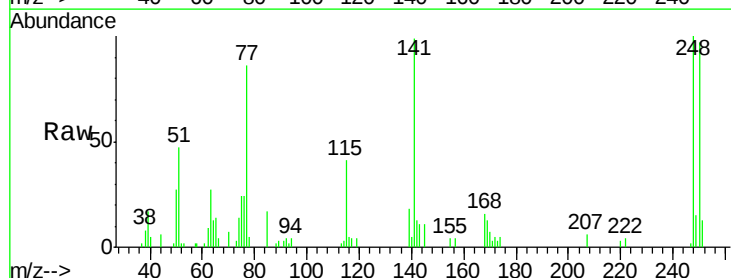
Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.1	53.8	80.8
167	36.5	29.5	44.3

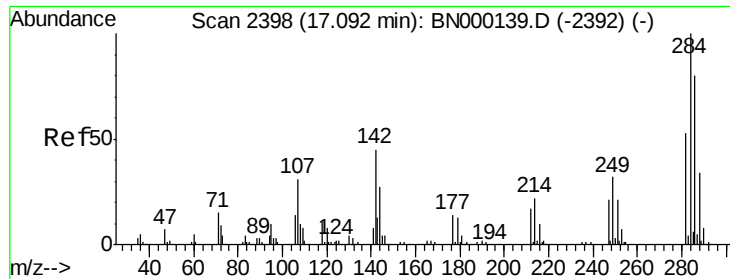


#66

4-Bromophenyl-phenylether
 Concen: 3.473 ng/ul
 RT: 16.97 min Scan# 2377
 Delta R.T. -0.00 min
 Lab File: BN000148.D
 Acq: 21 Feb 2018 14:32

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	79.0	118.4
141	98.9	51.9	77.9#





#67

Hexachlorobenzene

Concen: 3.577 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

Instrument :

BNA_N

ClientSampleId :

MDL-S-ME-03

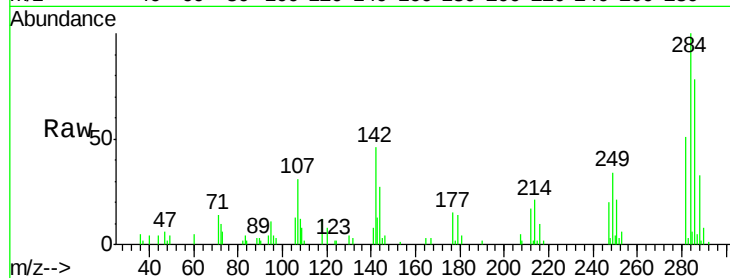
Tgt Ion:284 Resp: 30428

Ion Ratio Lower Upper

284 100

142 46.1 21.3 31.9#

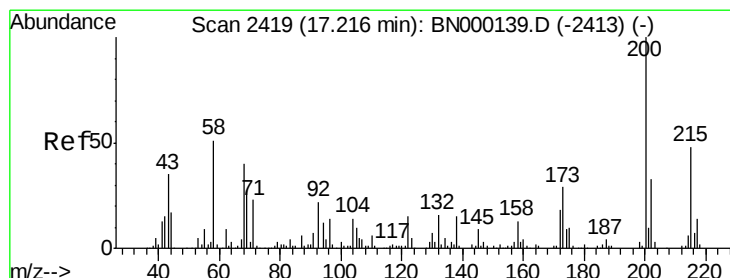
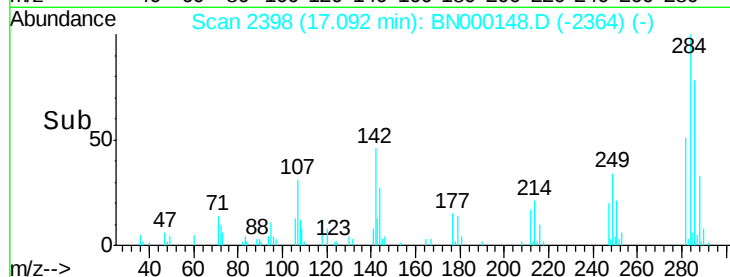
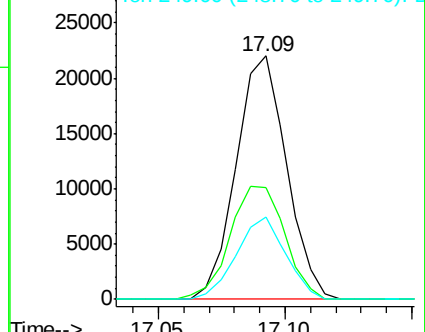
249 33.9 26.3 39.5



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



#68

Atrazine

Concen: 2.480 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

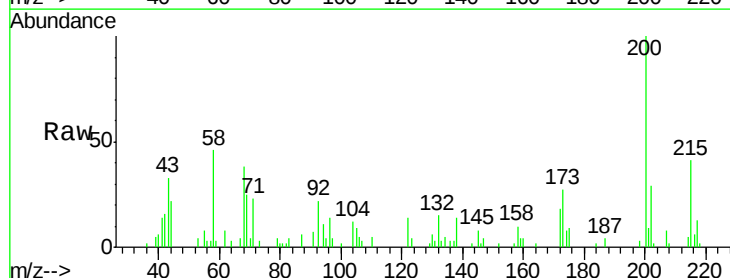
Tgt Ion:200 Resp: 19567

Ion Ratio Lower Upper

200 100

173 26.8 20.6 31.0

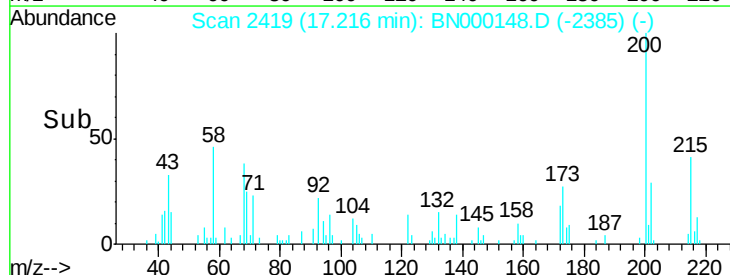
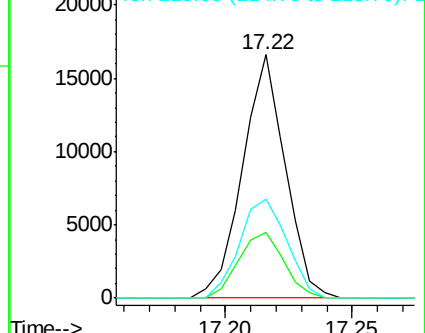
215 40.7 39.8 59.6

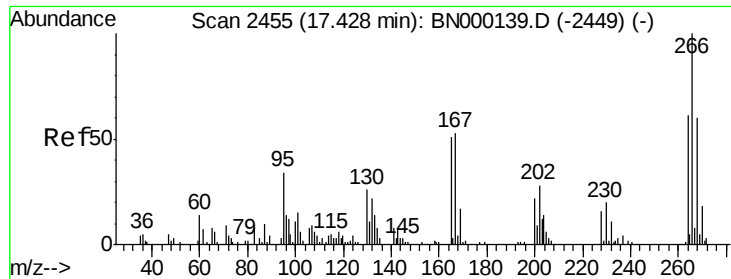


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 1.915 ng/ul

RT: 17.43 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

Instrument :

BNA_N

ClientSampleId :

MDL-S-ME-03

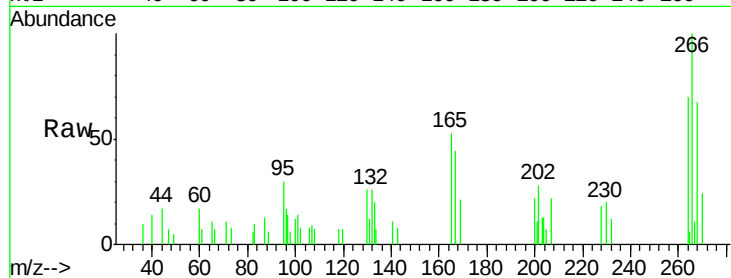
Tgt Ion:266 Resp: 8840

Ion Ratio Lower Upper

266 100

264 69.9 48.2 72.4

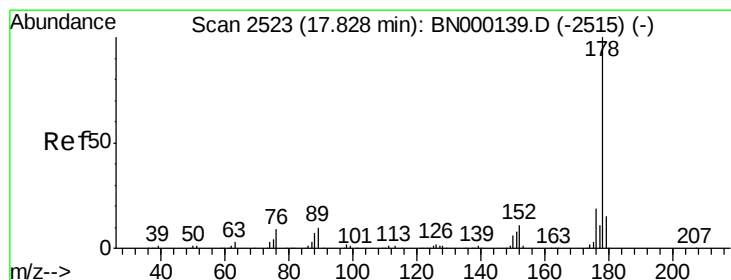
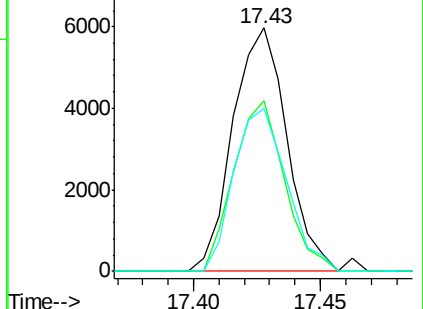
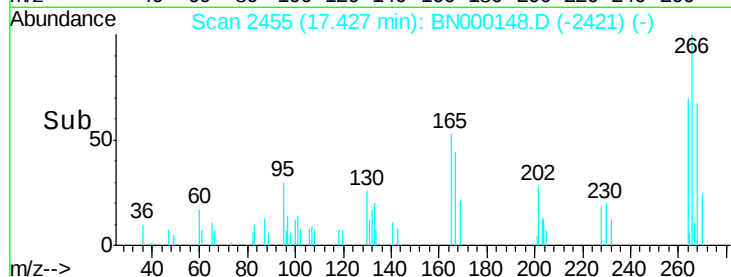
268 67.0 52.3 78.5



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



#70

Phenanthrene

Concen: 3.758 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

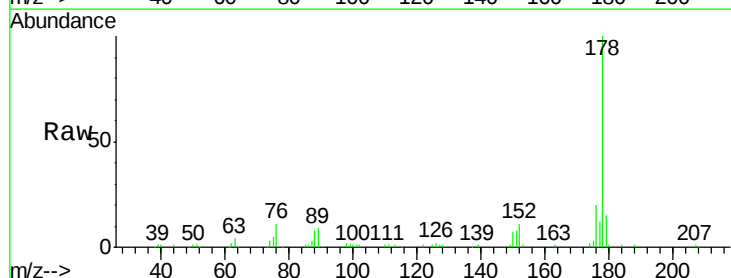
Tgt Ion:178 Resp: 184498

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

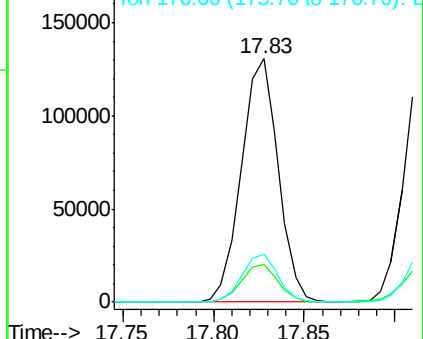
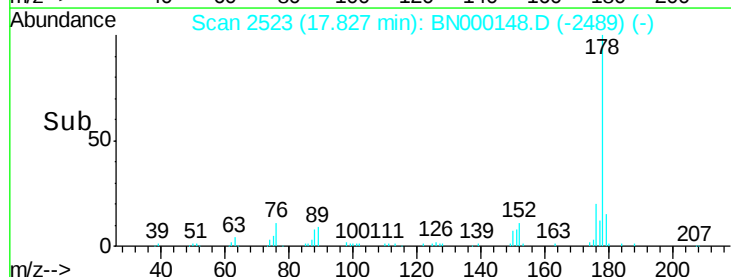
176 19.8 15.4 23.0

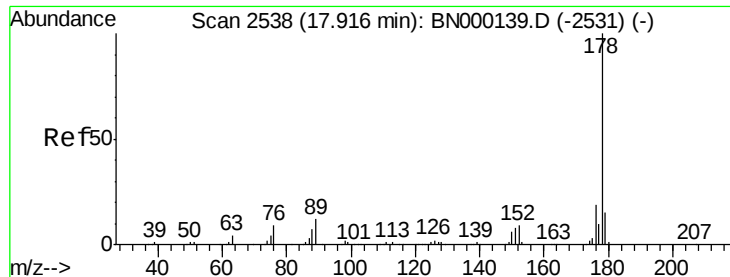


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 3.723 ng/uL

RT: 17.92 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

Instrument :

BNA_N

ClientSampleId :

MDL-S-ME-03

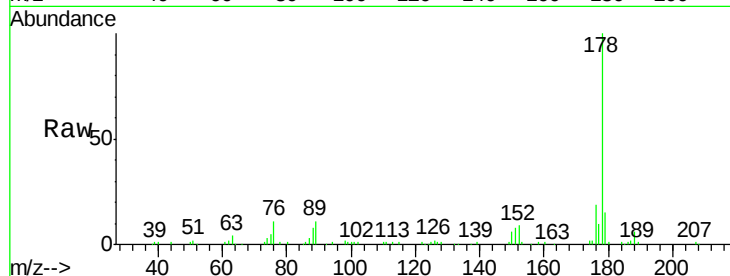
Tgt Ion:178 Resp: 186130

Ion Ratio Lower Upper

178 100

179 15.2 13.4 20.2

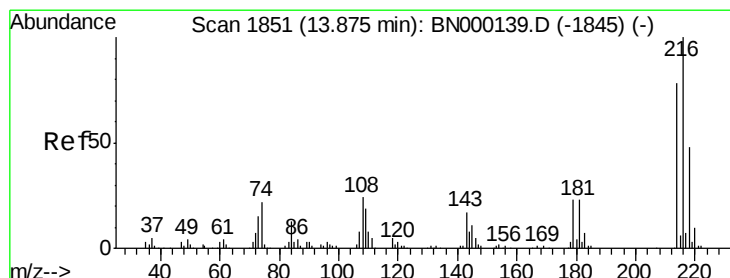
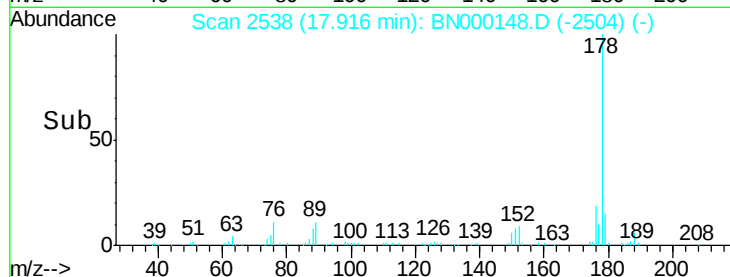
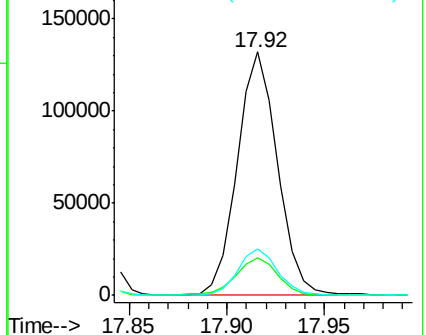
176 19.1 15.4 23.0



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 3.631 ng/uL

RT: 13.88 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

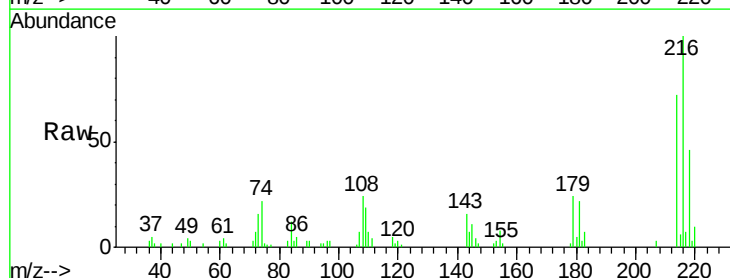
Tgt Ion:216 Resp: 40252

Ion Ratio Lower Upper

216 100

214 72.3 64.1 96.1

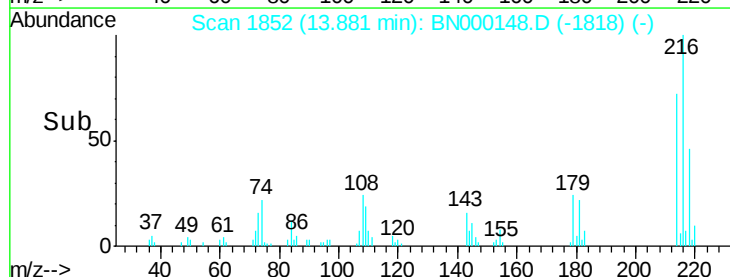
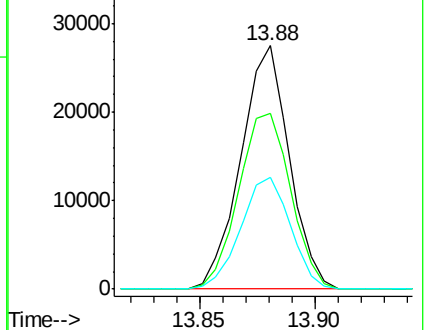
218 45.7 39.4 59.0

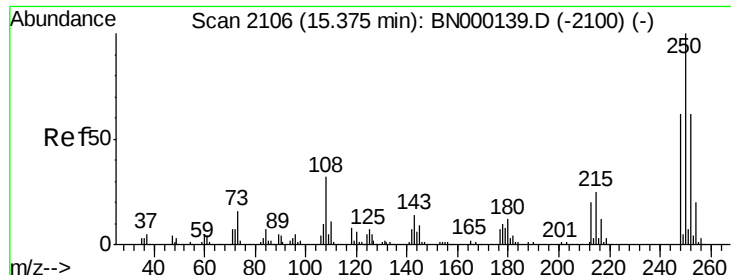


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 3.644 ng/uL

RT: 15.37 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

Instrument :

BNA_N

ClientSampleId :

MDL-S-ME-03

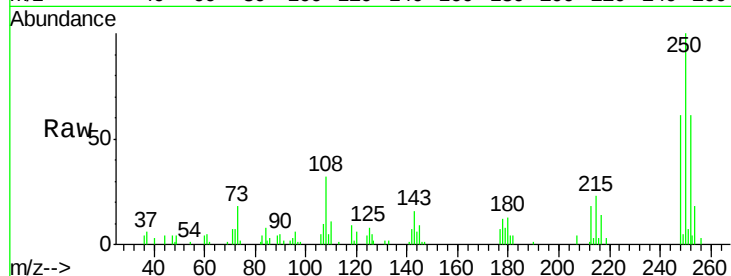
Tgt Ion:250 Resp: 38669

Ion Ratio Lower Upper

250 100

248 61.3 51.4 77.2

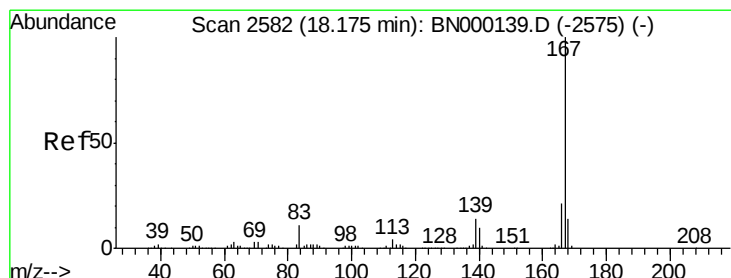
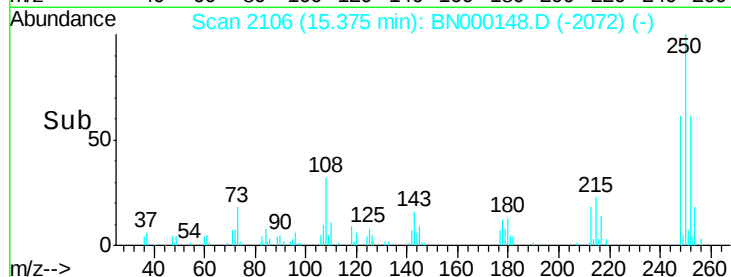
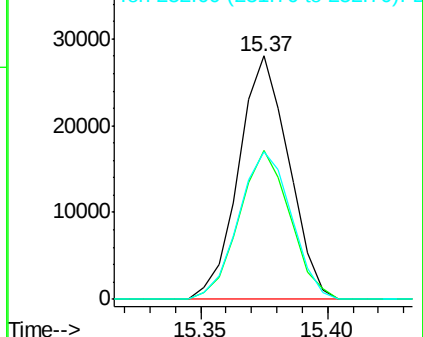
252 60.5 49.8 74.6



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 3.416 ng/uL

RT: 18.17 min Scan# 2582

Delta R.T. -0.01 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

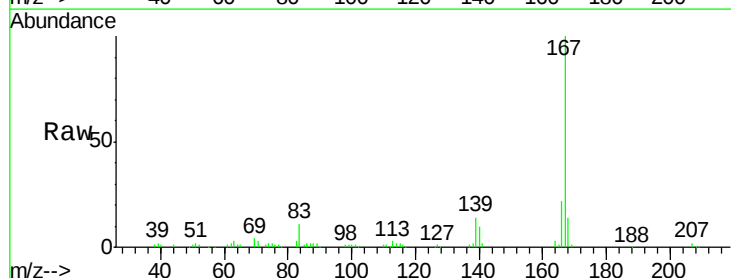
Tgt Ion:167 Resp: 153027

Ion Ratio Lower Upper

167 100

166 22.2 17.0 25.4

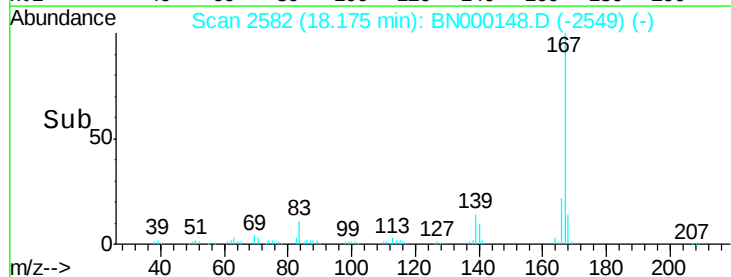
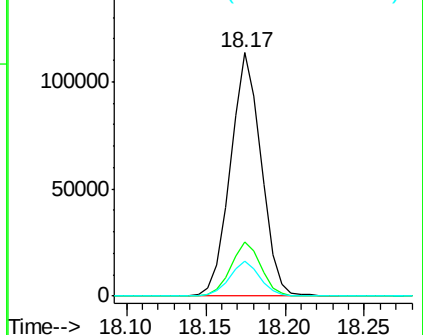
139 14.4 9.1 13.7#

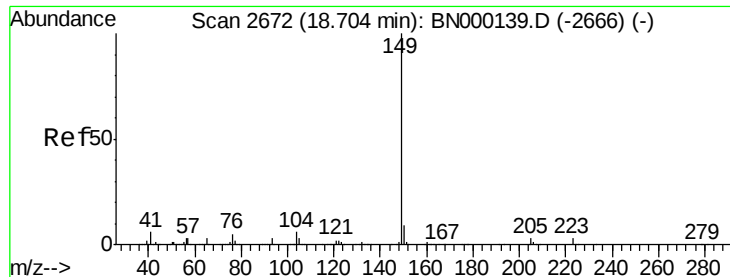


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#76

Di-n-butylphthalate

Concen: 2.541 ng/ul

RT: 18.70 min Scan# 2672

Delta R.T. -0.00 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

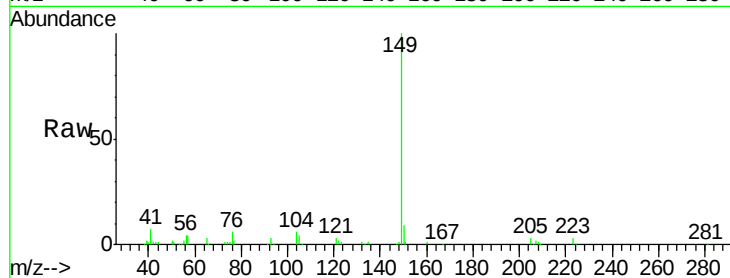
Instrument :

BNA_N

ClientSampleId :

MDL-S-ME-03

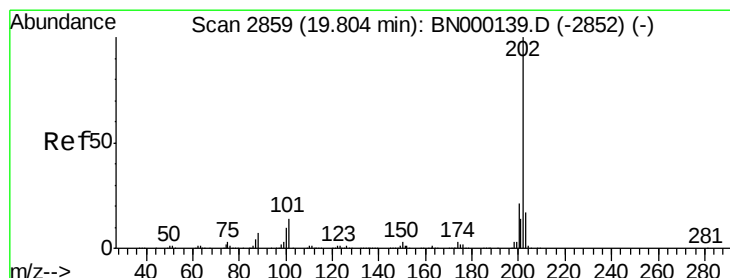
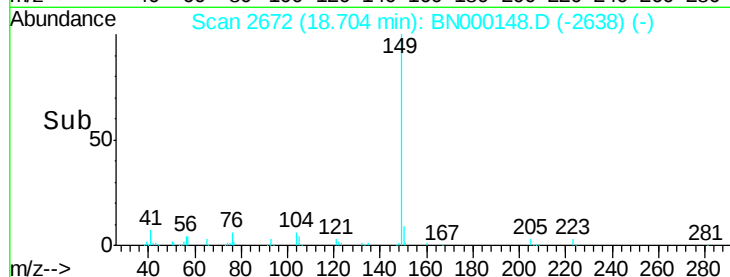
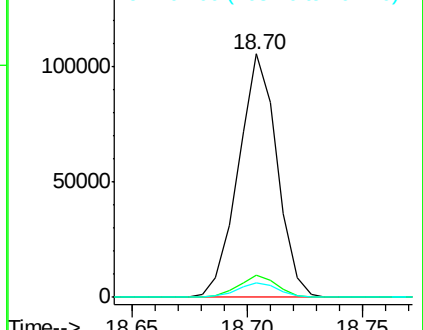
Tgt Ion:	149	Resp:	123489
Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	5.8	4.1	6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#77

Fluoranthene

Concen: 3.513 ng/ul

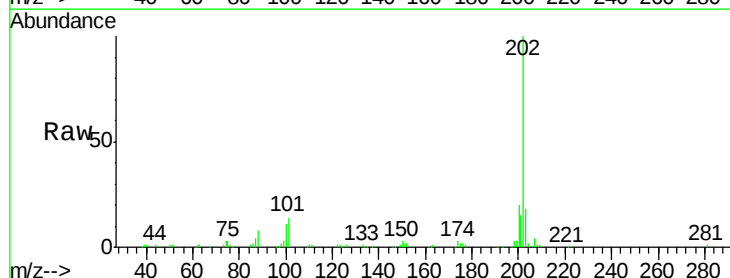
RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

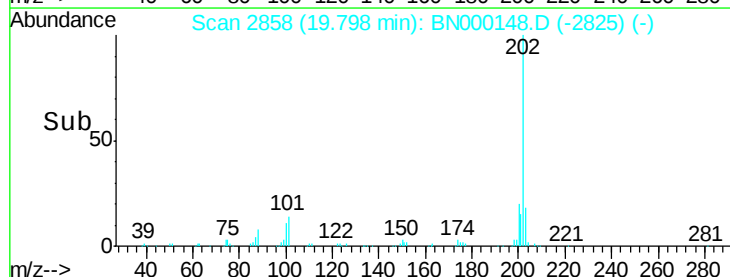
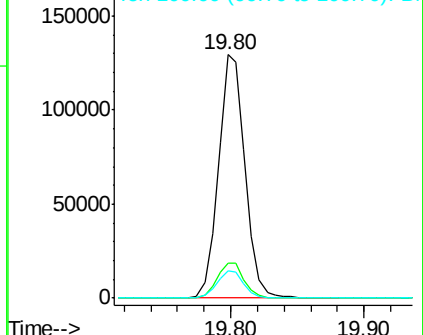
Tgt Ion:	202	Resp:	180551
Ion	Ratio	Lower	Upper
202	100		
101	14.2	6.1	9.1#
100	11.3	4.6	7.0#

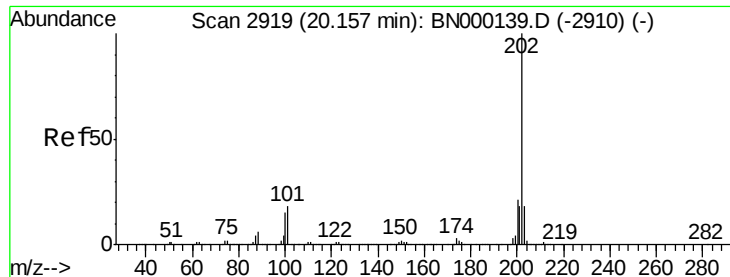


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pyrene

Concen: 3.707 ng/ul

RT: 20.16 min Scan# 2919

Delta R.T. -0.01 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

Instrument :

BNA_N

ClientSampleId :

MDL-S-ME-03

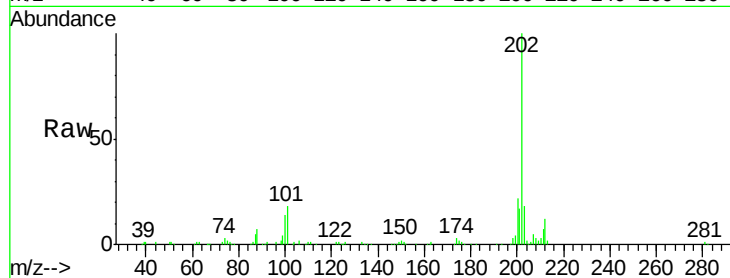
Tgt Ion:202 Resp: 219868

Ion Ratio Lower Upper

202 100

101 18.4 6.9 10.3#

100 14.3 5.6 8.4#



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

20.16

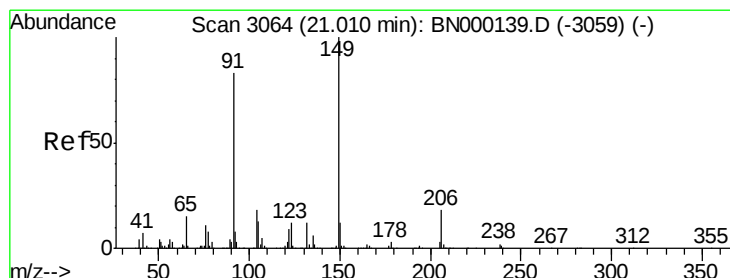
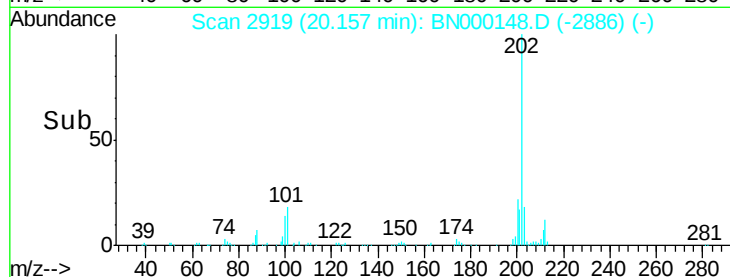
150000

100000

50000

0

Time-->



#81

Butylbenzylphthalate

Concen: 1.992 ng/ul

RT: 21.01 min Scan# 3064

Delta R.T. -0.01 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

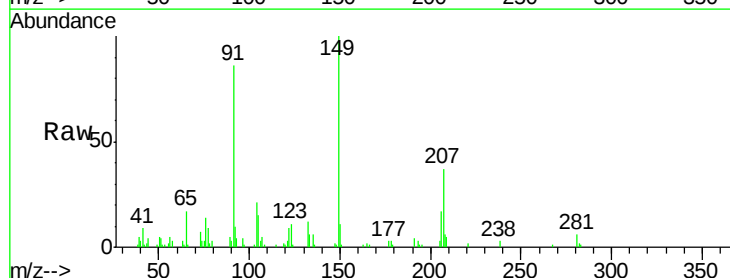
Tgt Ion:149 Resp: 45716

Ion Ratio Lower Upper

149 100

91 86.5 53.4 80.0#

206 17.1 19.3 28.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E

21.01

40000

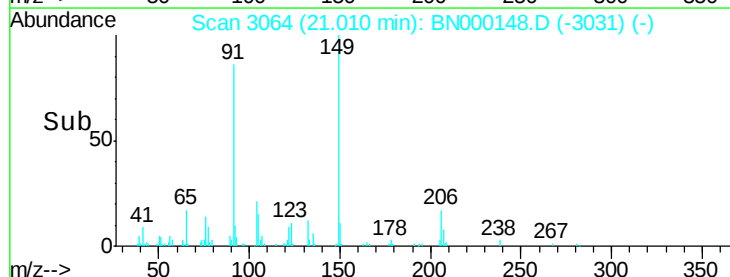
30000

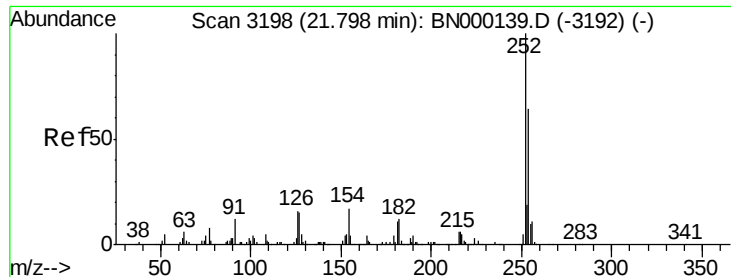
20000

10000

0

Time-->

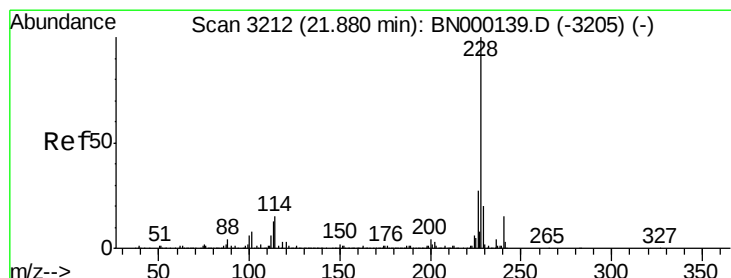
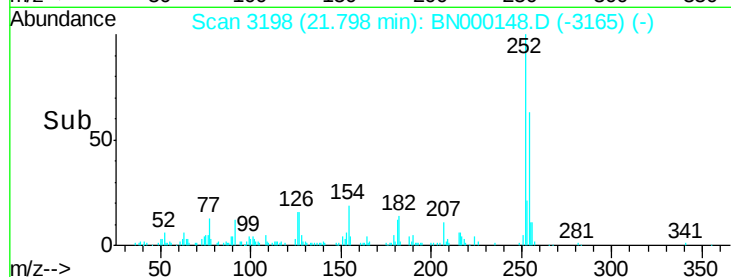
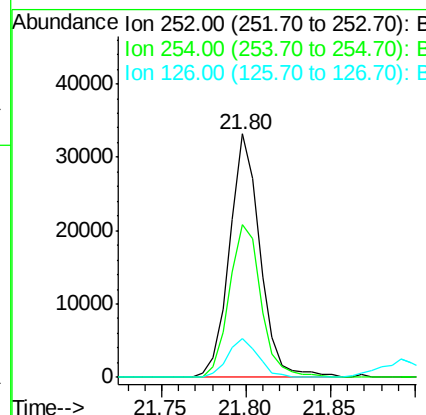
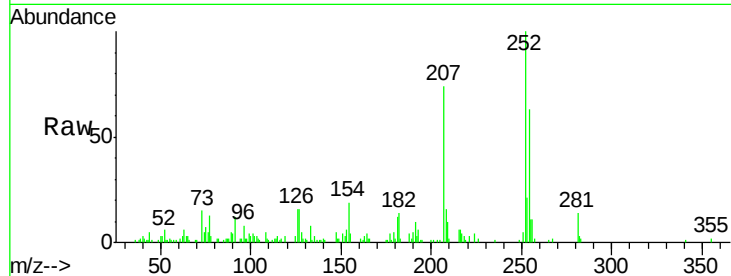




#82
 3,3'-Dichlorobenzidine
 Concen: 2.462 ng/ul
 RT: 21.80 min Scan# 3198
 Delta R.T. -0.01 min
 Lab File: BN000148.D
 Acq: 21 Feb 2018 14:32

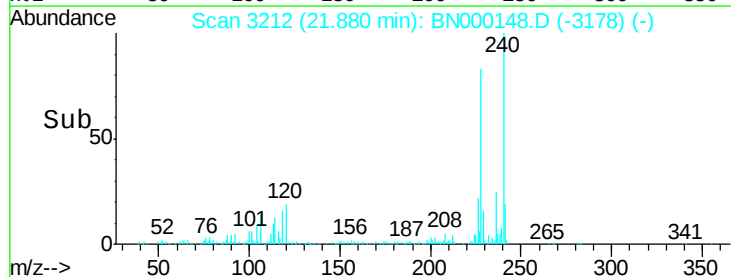
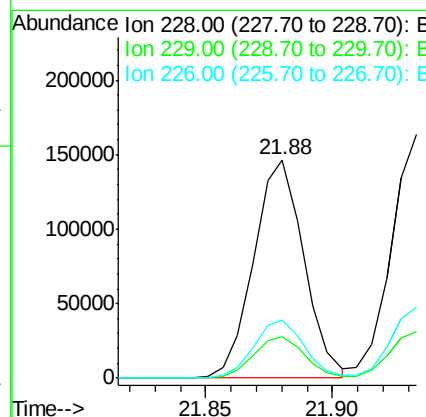
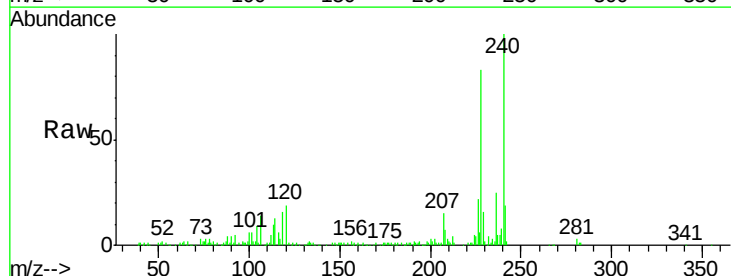
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-ME-03

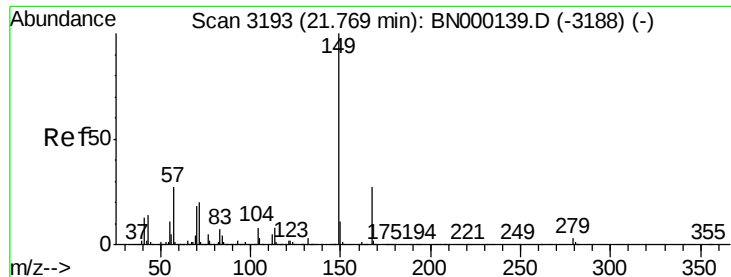
Tgt Ion:252 Resp: 41784
 Ion Ratio Lower Upper
 252 100
 254 62.8 52.8 79.2
 126 16.0 6.9 10.3#



#83
 Benzo(a)anthracene
 Concen: 3.468 ng/ul
 RT: 21.88 min Scan# 3212
 Delta R.T. -0.00 min
 Lab File: BN000148.D
 Acq: 21 Feb 2018 14:32

Tgt Ion:228 Resp: 201637
 Ion Ratio Lower Upper
 228 100
 229 18.8 16.0 24.0
 226 26.6 21.8 32.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.845 ng/ul

RT: 21.77 min Scan# 3193

Delta R.T. -0.01 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

Instrument :

BNA_N

ClientSampleId :

MDL-S-ME-03

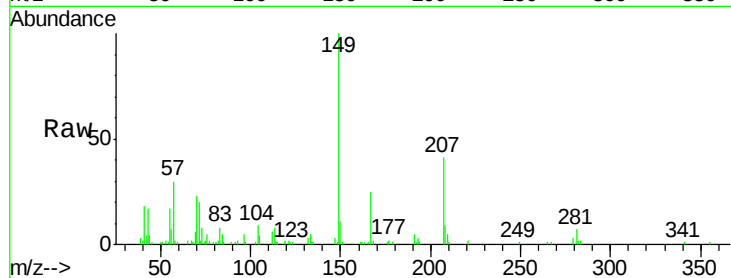
Tgt Ion:149 Resp: 63634

Ion Ratio Lower Upper

149 100

167 24.7 23.0 34.6

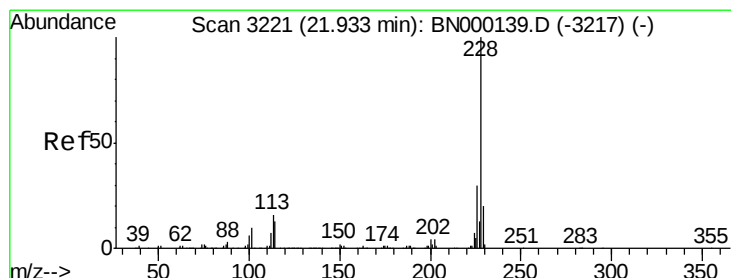
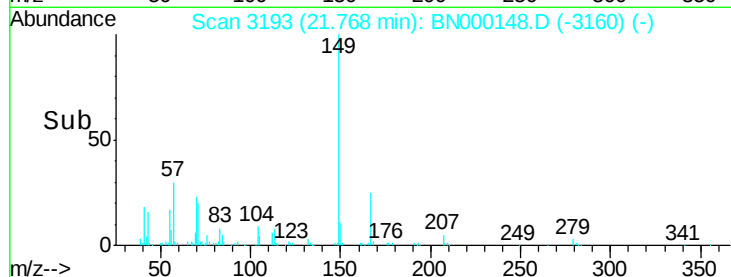
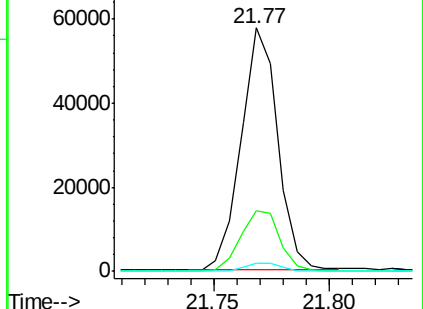
279 3.3 4.3 6.5#



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



#85

Chrysene

Concen: 3.797 ng/ul

RT: 21.93 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

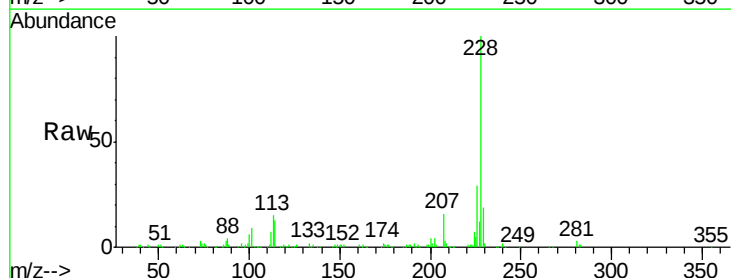
Tgt Ion:228 Resp: 213411

Ion Ratio Lower Upper

228 100

226 29.2 24.1 36.1

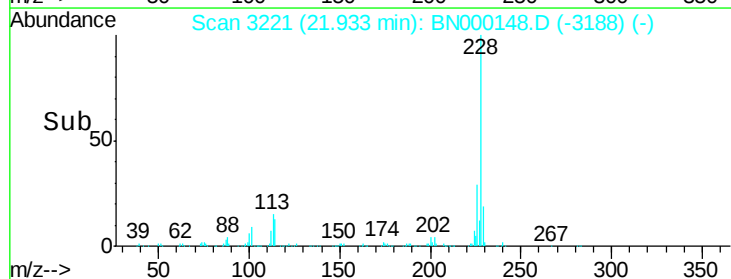
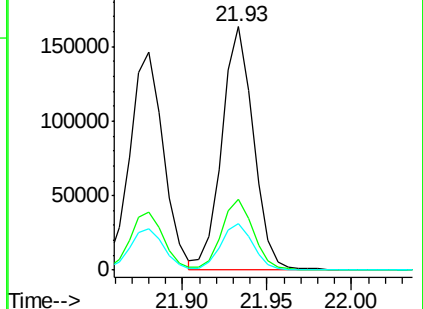
229 19.2 16.0 24.0

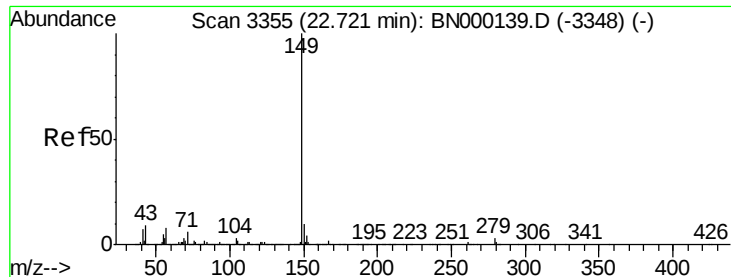


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 1.797 ng/ul

RT: 22.72 min Scan# 3355

Delta R.T. -0.01 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

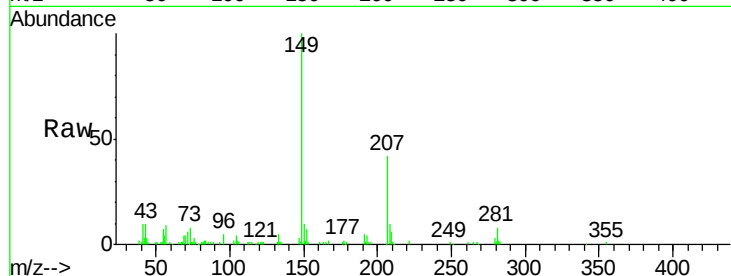
Instrument :

BNA_N

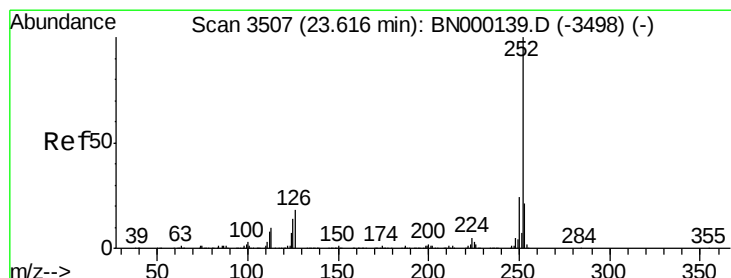
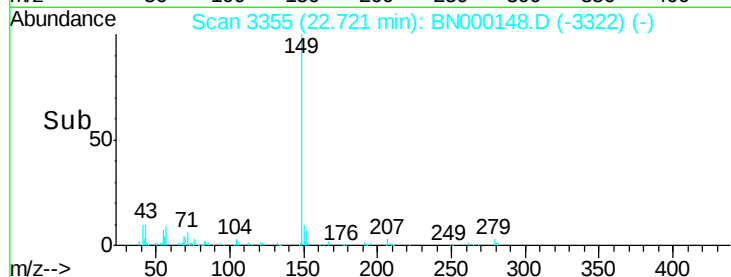
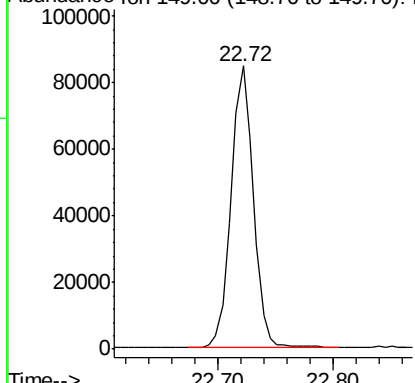
ClientSampleId :

MDL-S-ME-03

Tgt Ion:149 Resp: 112890



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.527 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. -0.01 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

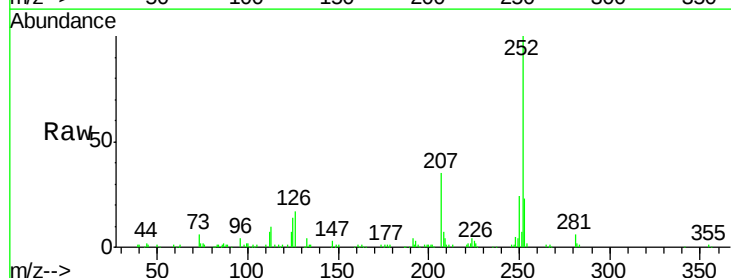
Tgt Ion:252 Resp: 210943

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

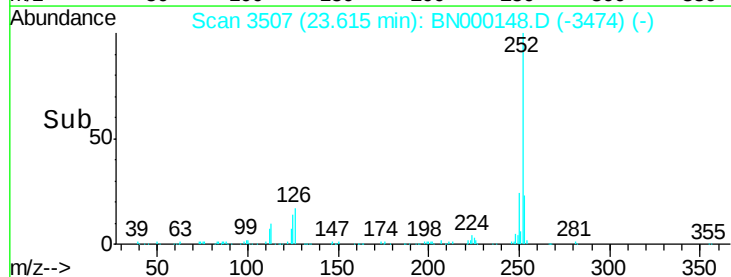
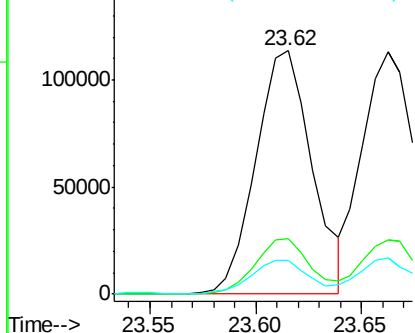
125 13.9 4.9 7.3#

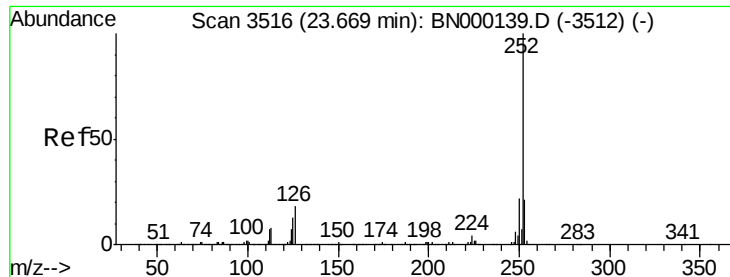


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.406 ng/ul

RT: 23.66 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

Instrument :

BNA_N

ClientSampleId :

MDL-S-ME-03

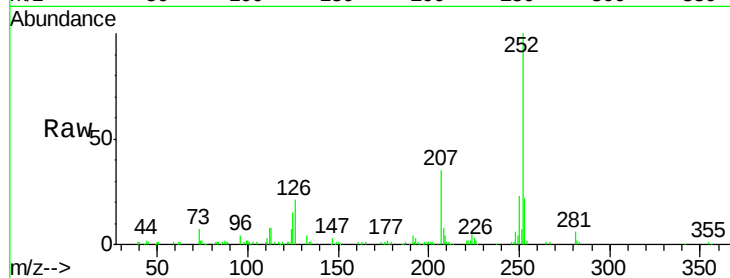
Tgt Ion:252 Resp: 201002

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

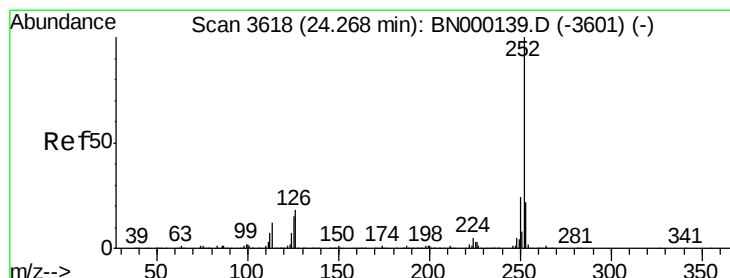
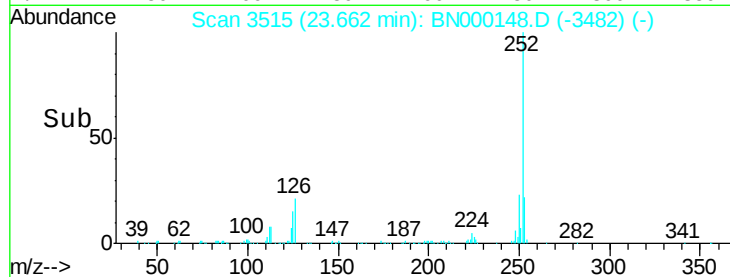
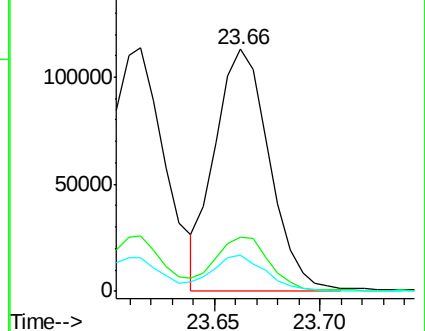
125 14.7 5.4 8.0#



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

Benzo(a)pyrene

Concen: 3.745 ng/ul

RT: 24.26 min Scan# 3617

Delta R.T. -0.01 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

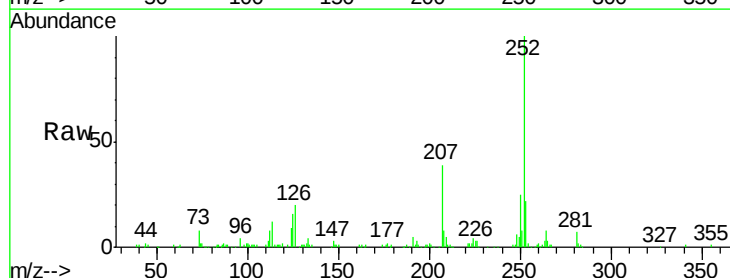
Tgt Ion:252 Resp: 223333

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

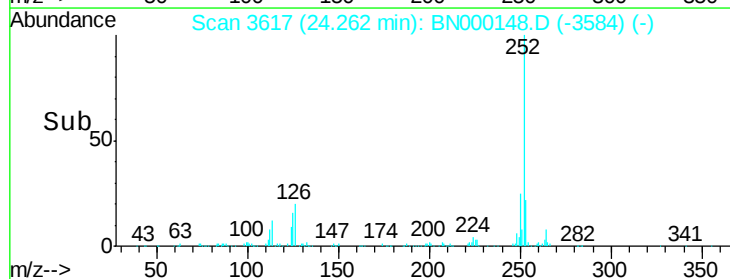
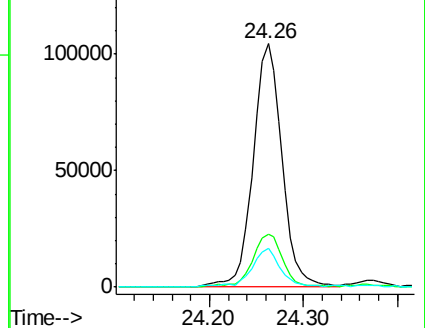
125 15.9 5.8 8.6#

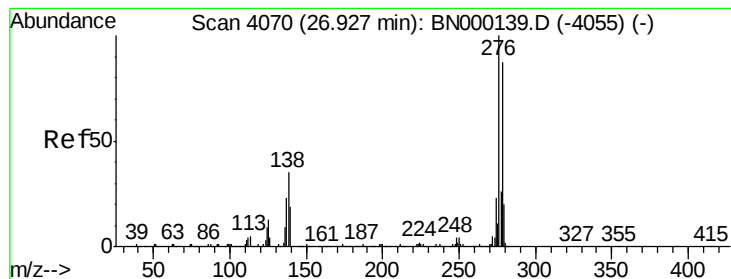


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 3.337 ng/ul

RT: 26.92 min Scan# 4068

Delta R.T. -0.01 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

Instrument :

BNA_N

ClientSampleId :

MDL-S-ME-03

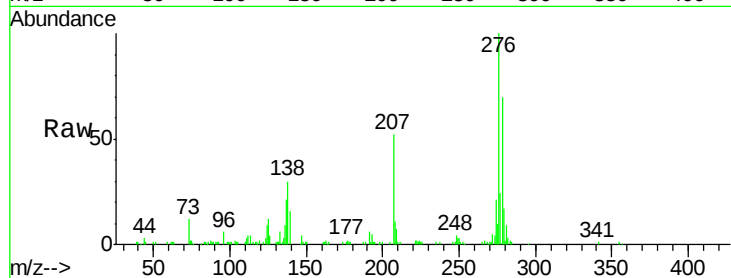
Tgt Ion: 276 Resp: 232646

Ion Ratio Lower Upper

276 100

138 30.1 10.9 16.3#

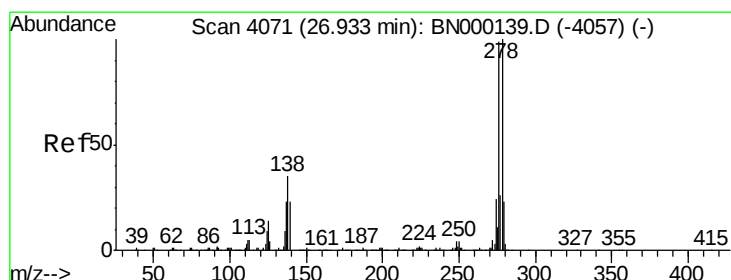
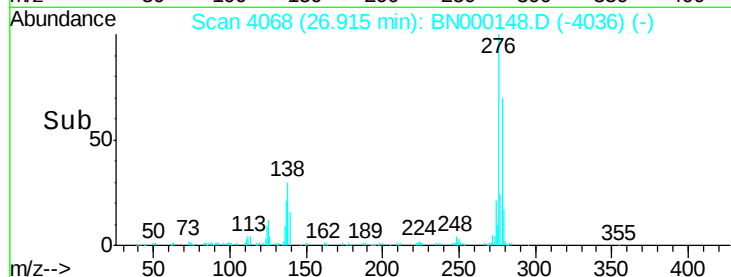
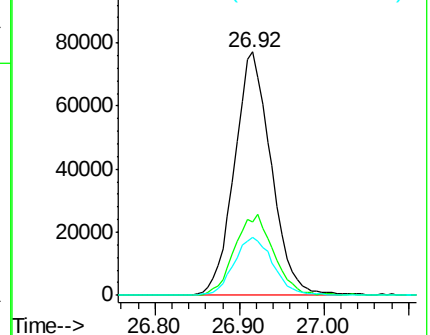
277 23.8 18.9 28.3



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



#93

Dibenzo(a,h)anthracene

Concen: 3.369 ng/ul

RT: 26.93 min Scan# 4070

Delta R.T. -0.01 min

Lab File: BN000148.D

Acq: 21 Feb 2018 14:32

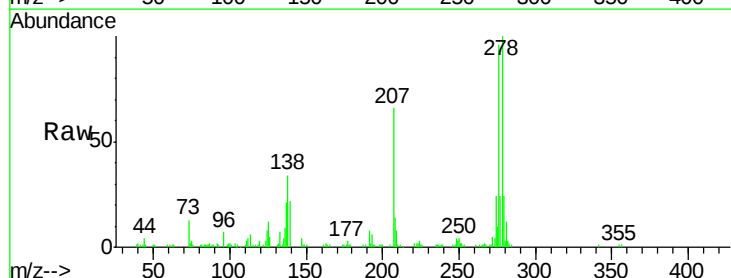
Tgt Ion: 278 Resp: 195766

Ion Ratio Lower Upper

278 100

139 22.2 9.0 13.4#

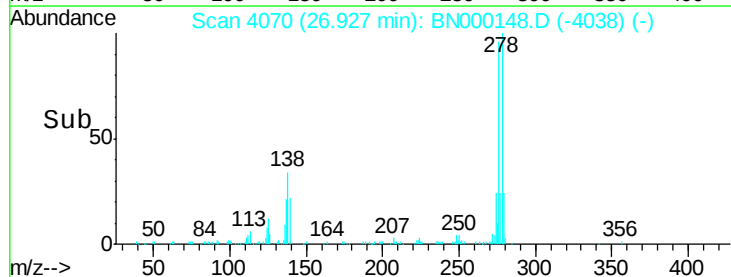
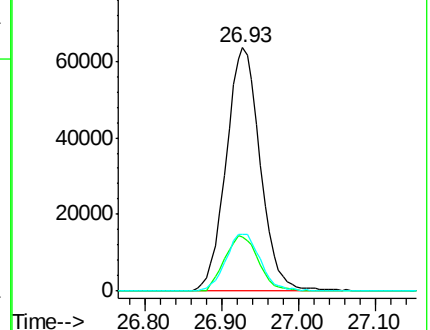
279 23.5 19.1 28.7

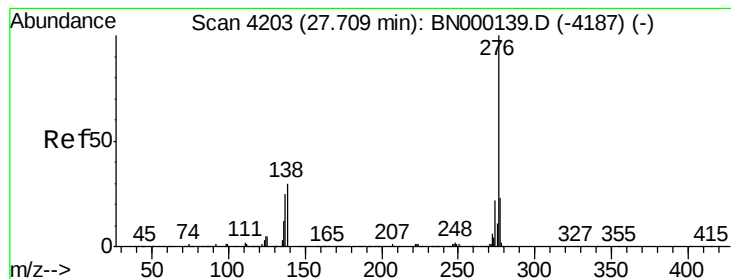


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 3.445 ng/ul

RT: 27.70 min Scan# 4201

Delta R.T. -0.02 min

Lab File: BN000148.D

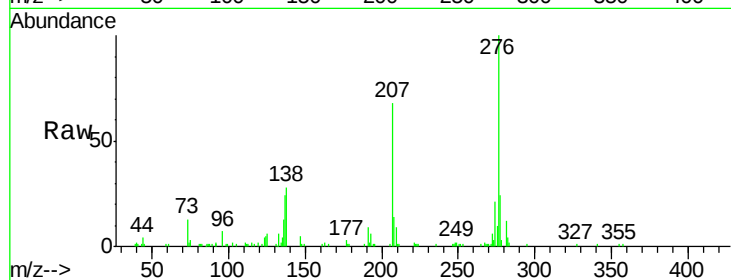
Acq: 21 Feb 2018 14:32

Instrument :

BNA_N

ClientSampleId :

MDL-S-ME-03



Tgt Ion:	276	Resp:	200347
Ion	Ratio	Lower	Upper
276	100		
138	28.3	11.2	16.8#
277	23.6	19.0	28.6

