

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN022118\
 Data File : BN000145.D
 Acq On : 21 Feb 2018 12:48
 Operator : JU/SJ
 Sample : MDL-S-03
 Misc : 1 PPM/4 PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

Quant Time: Feb 21 13:19:07 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	113399	20.00	ng/ul	0.00
18) Naphthalene-d8	11.30	136	564597	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.06	164	335416	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.79	188	752558	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	884964	20.00	ng/ul	0.00
86) Perylene-d12	24.37	264	978091	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	12712	4.65	ng/uL	0.00
5) Phenol-d5	7.58	99	305124	26.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.76	67	191191	29.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.98	132	218724	27.87	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	251422	27.15	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	101543	27.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	91893	26.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	206369	26.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	362644	41.45	ng/ul	0.00
44) Dimethylphthalate-d6	14.46	166	734211	28.78	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	930815	28.39	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	114919	22.69	ng/ul	0.00
58) Fluorene-d10	16.05	176	662533	29.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.14	200	61986	18.35	ng/ul	0.00
71) Anthracene-d10	17.88	188	1033844	29.27	ng/ul	0.00
79) Pyrene-d10	20.13	212	1153207	27.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.22	264	1308762	29.53	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.66	88	3794	1.260	ng/uL 95
4) Benzaldehyde	7.58	77	28656	7.593	ng/ul 95
6) Phenol	7.60	94	43991	3.625	ng/ul 97
8) Bis(2-Chloroethyl)ether	7.86	93	38029	4.142	ng/ul 88
10) 2-Chlorophenol	8.01	128	31306	3.764	ng/ul 95
11) 2-Methylphenol	8.89	108	28057	3.183	ng/ul 93
12) 2,2'-oxybis(1-Chloropropan	8.99	45	40550	4.077	ng/ul# 92
14) Acetophenone	9.29	105	53930	3.707	ng/ul 98
15) N-Nitroso-di-n-propylamine	9.26	70	22287	3.393	ng/ul 96
16) 4-Methylphenol	9.22	108	36189	3.664	ng/ul 94
17) Hexachloroethane	9.56	117	11726	3.689	ng/ul# 70
20) Nitrobenzene	9.68	77	40681	3.961	ng/ul 94
21) Isophorone	10.20	82	61291	3.157	ng/ul 98
23) 2-Nitrophenol	10.39	139	14434	3.492	ng/ul 95
24) 2,4-Dimethylphenol	10.43	107	38357	3.571	ng/ul 97
25) Bis(2-Chloroethoxy)methane	10.68	93	49867	3.762	ng/ul 94
27) 2,4-Dichlorophenol	10.93	162	29712	3.756	ng/ul# 90
28) Naphthalene	11.35	128	120825	4.047	ng/ul 99
30) 4-Chloroaniline	11.45	127	39430	4.320	ng/ul 98
31) Hexachlorobutadiene	11.62	225	16729	3.992	ng/ul 96
32) Caprolactam	12.16	113	8326	2.777	ng/ul# 79
33) 4-Chloro-3-methylphenol	12.52	107	28846	2.970	ng/ul 95
34) 2-Methylnaphthalene	12.92	142	81684	3.926	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.14	142	79338	3.800	ng/ul#	92
37) 1,2,4,5-Tetrachlorobenzene	13.28	216	35775	3.891	ng/ul#	91
38) Hexachlorocyclopentadiene	13.26	237	11744	2.639	ng/ul#	91
39) 2,4,6-Trichlorophenol	13.50	196	15826	2.730	ng/ul	99
40) 2,4,5-Trichlorophenol	13.57	196	18434	2.958	ng/ul	96
41) 1,1'-Biphenyl	13.90	154	107728	3.920	ng/ul#	94
42) 2-Chloronaphthalene	13.96	162	80686	3.824	ng/ul	95
43) 2-Nitroaniline	14.15	65	13541	2.506	ng/ul	94
45) Dimethylphthalate	14.50	163	101679	3.924	ng/ul#	97
46) 2,6-Dinitrotoluene	14.62	165	10490	2.423	ng/ul#	81
48) Acenaphthylene	14.79	152	132311	3.978	ng/ul	99
49) 3-Nitroaniline	14.95	138	13087	2.526	ng/ul#	86
50) Acenaphthene	15.13	153	93199	3.973	ng/ul	98
51) 2,4-Dinitrophenol	15.15	184	3347	1.667	ng/ul#	1
53) 4-Nitrophenol	15.23	109	15350	3.592	ng/ul	86
54) Dibenzofuran	15.46	168	133885	4.112	ng/ul	96
55) 2,4-Dinitrotoluene	15.40	165	19805	2.958	ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	15.67	232	14118	2.809	ng/ul#	88
57) Diethylphthalate	15.85	149	90909	3.482	ng/ul	95
59) Fluorene	16.10	166	107033	4.094	ng/ul	98
60) 4-Chlorophenyl-phenylether	16.08	204	49322	4.177	ng/ul#	85
61) 4-Nitroaniline	16.10	138	18602	3.001	ng/ul#	89
64) 4,6-Dinitro-2-methylphenol	16.16	198	10186	2.785	ng/ul#	76
65) N-Nitrosodiphenylamine	16.29	169	82946	3.544	ng/ul	98
66) 4-Bromophenyl-phenylether	16.97	248	23986	3.503	ng/ul#	79
67) Hexachlorobenzene	17.09	284	28668	3.757	ng/ul#	80
68) Atrazine	17.22	200	18149	2.565	ng/ul	94
69) Pentachlorophenol	17.43	266	8528	2.060	ng/ul	96
70) Phenanthrene	17.83	178	176544	4.010	ng/ul	100
72) Anthracene	17.92	178	180305	4.021	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.87	216	37192	3.740	ng/uL	96
74) Pentachlorobenzene	15.37	250	35845	3.766	ng/uL	98
75) Carbazole	18.17	167	148934	3.707	ng/ul#	98
76) Di-n-butylphthalate	18.70	149	116072	2.663	ng/ul	99
77) Fluoranthene	19.80	202	174784	3.792	ng/ul#	80
80) Pyrene	20.16	202	211547	3.798	ng/ul#	75
81) Butylbenzylphthalate	21.01	149	45395	2.106	ng/ul#	78
82) 3,3'-Dichlorobenzidine	21.80	252	42783	2.685	ng/ul#	97
83) Benzo(a)anthracene	21.88	228	200963	3.681	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	64865	2.003	ng/ul#	93
85) Chrysene	21.93	228	211119	4.000	ng/ul	99
87) Di-n-octyl phthalate	22.72	149	115321	1.932	ng/ul	100
88) Benzo(b)fluoranthene	23.62	252	209633	3.691	ng/ul#	94
89) Benzo(k)fluoranthene	23.66	252	206567	3.686	ng/ul#	94
91) Benzo(a)pyrene	24.26	252	222999	3.938	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.92	276	238480	3.602	ng/ul#	80
93) Dibenzo(a,h)anthracene	26.93	278	200594	3.635	ng/ul#	90
94) Benzo(g,h,i)perylene	27.70	276	201842	3.654	ng/ul#	84

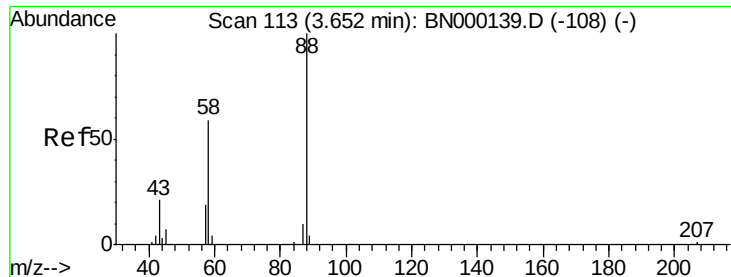
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(#) = qualifier out of range (m) = manual integration (+) = signals summed						



#2

1,4-Dioxane

Concen: 1.260 ng/uL

RT: 3.66 min Scan# 114

Delta R.T. 0.01 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

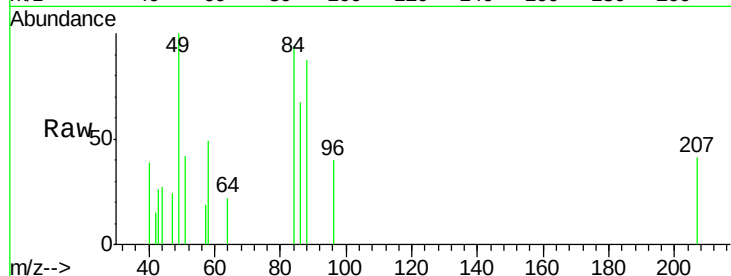
Tgt Ion: 88 Resp: 3794

Ion Ratio Lower Upper

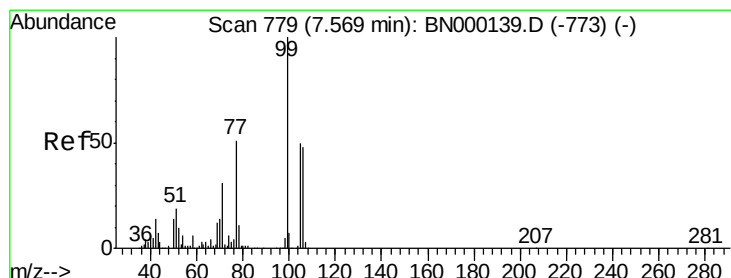
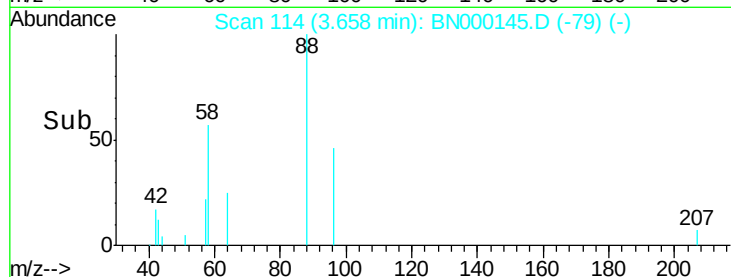
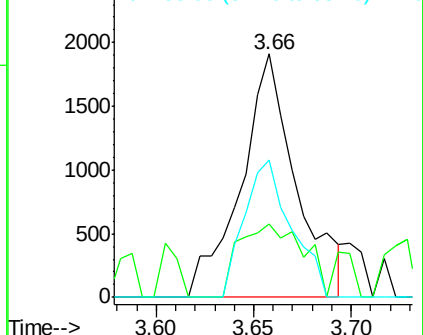
88 100

43 30.1 29.0 43.4

58 56.6 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: 7.593 ng/uL

RT: 7.58 min Scan# 780

Delta R.T. 0.00 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

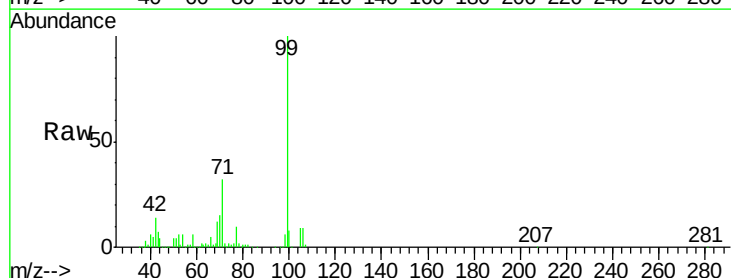
Tgt Ion: 77 Resp: 28656

Ion Ratio Lower Upper

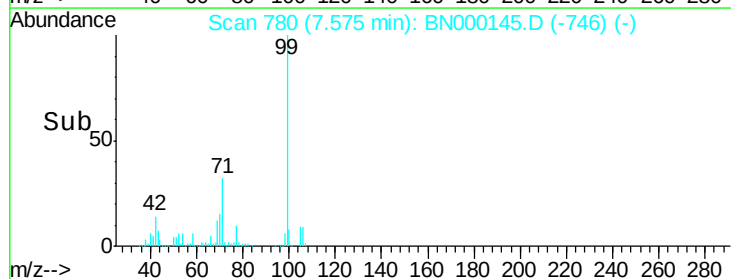
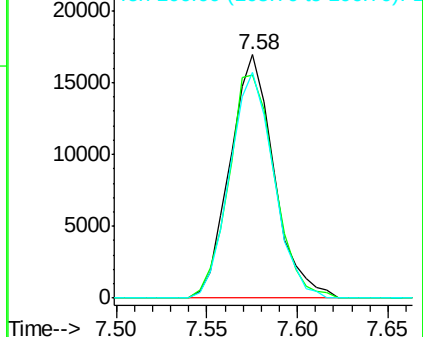
77 100

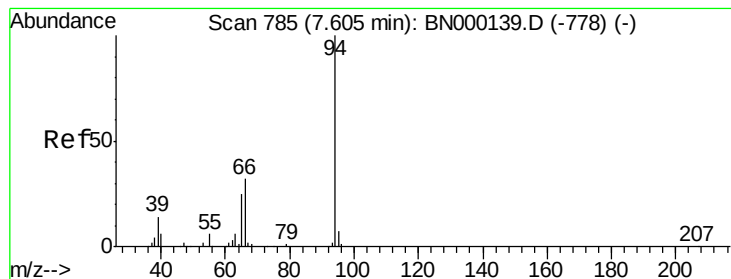
105 91.9 71.0 106.6

106 92.7 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: 3.625 ng/ul

RT: 7.60 min Scan# 785

Delta R.T. 0.00 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

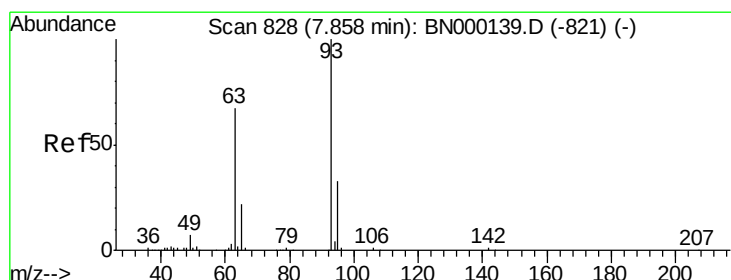
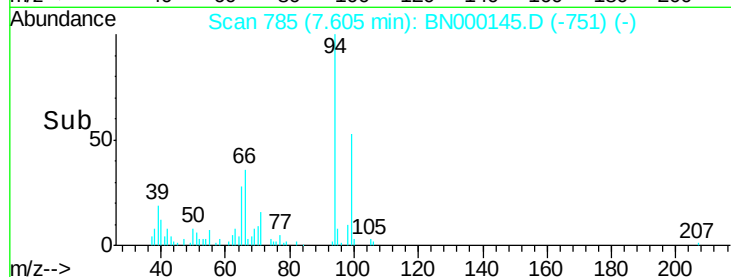
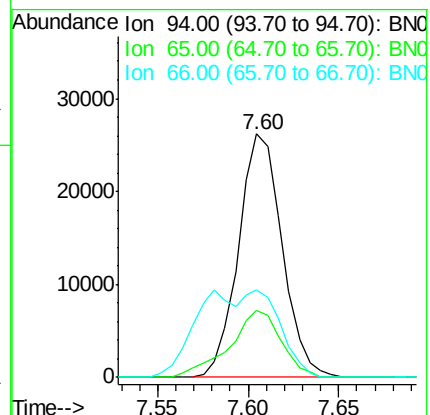
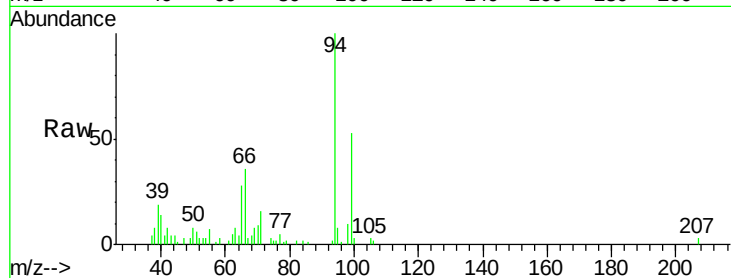
Tgt Ion: 94 Resp: 43991

Ion Ratio Lower Upper

94 100

65 27.5 23.0 34.6

66 36.1 30.4 45.6



#8

Bis(2-Chloroethyl)ether

Concen: 4.142 ng/ul

RT: 7.86 min Scan# 828

Delta R.T. 0.00 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

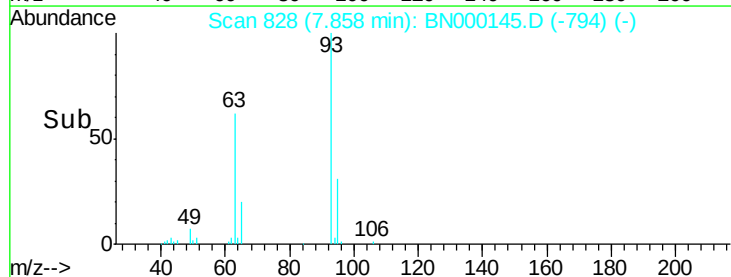
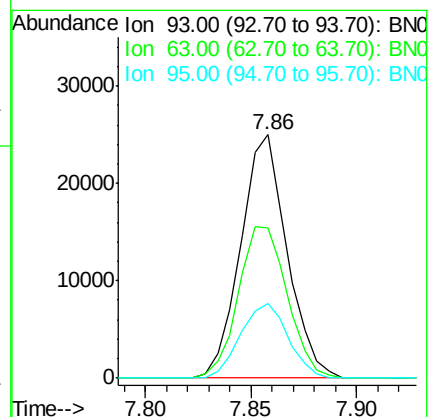
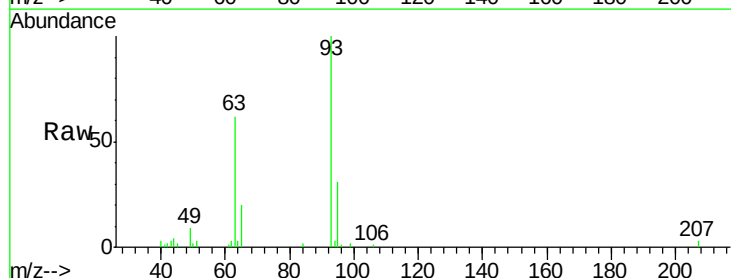
Tgt Ion: 93 Resp: 38029

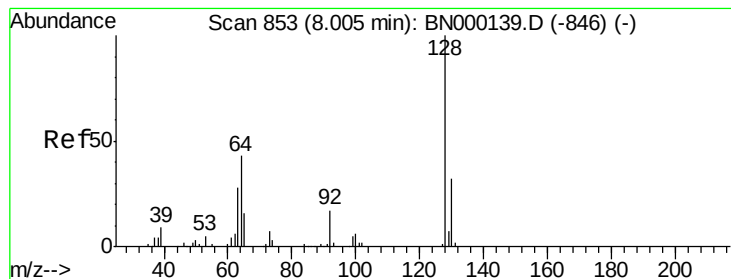
Ion Ratio Lower Upper

93 100

63 61.6 59.4 89.2

95 30.7 26.4 39.6





#10

2-Chlorophenol

Concen: 3.764 ng/ul

RT: 8.01 min Scan# 854

Delta R.T. 0.00 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

Instrument :

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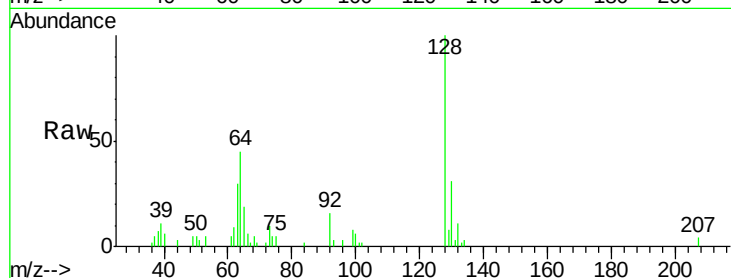
Tgt Ion:128 Resp: 31306

Ion Ratio Lower Upper

128 100

64 45.1 39.8 59.6

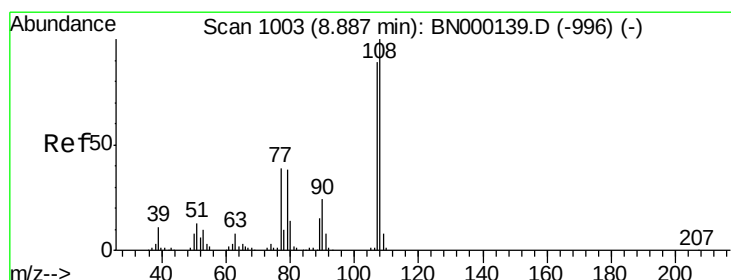
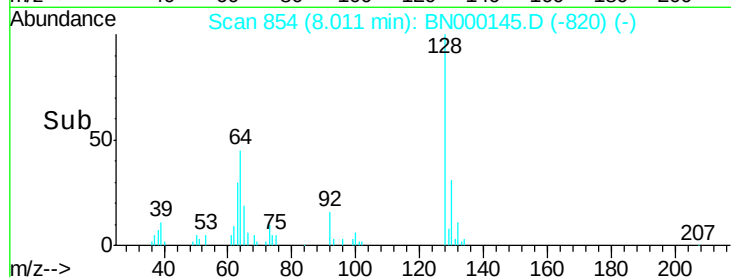
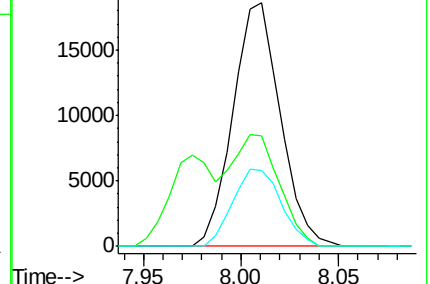
130 31.0 25.8 38.8



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: 3.183 ng/ul

RT: 8.89 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BN000145.D

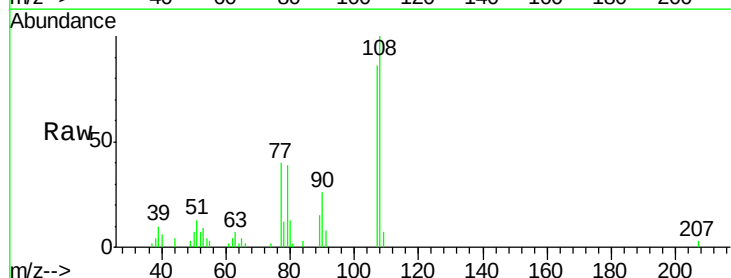
Acq: 21 Feb 2018 12:48

Tgt Ion:108 Resp: 28057

Ion Ratio Lower Upper

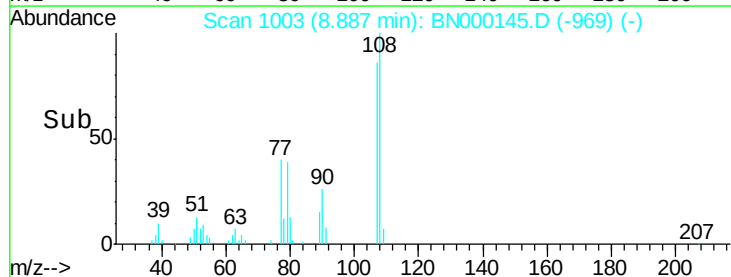
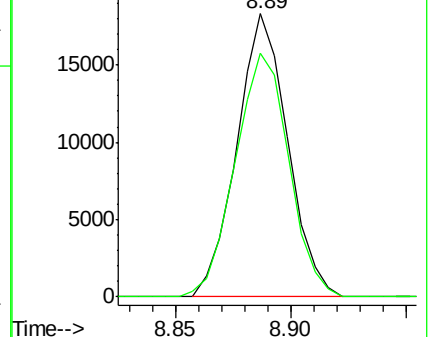
108 100

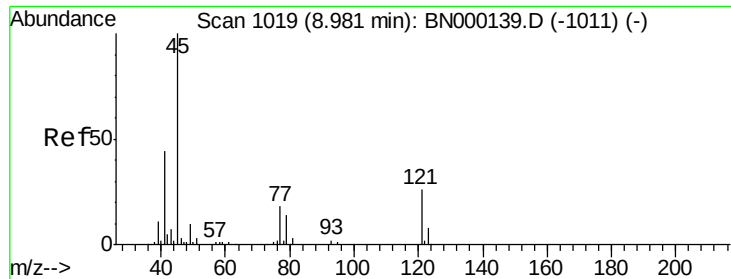
107 86.0 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

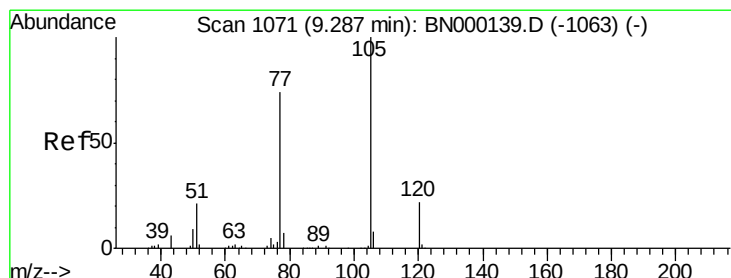
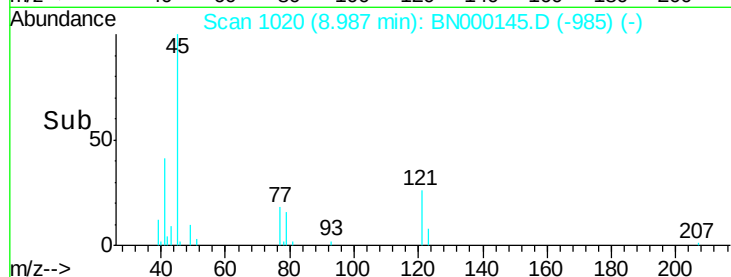
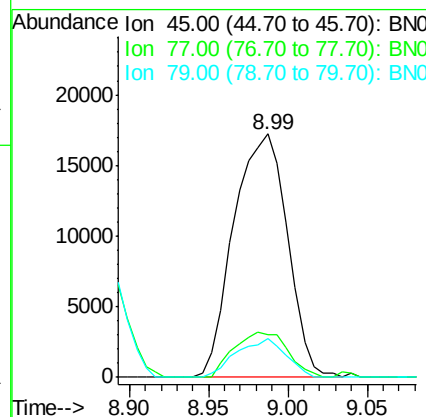
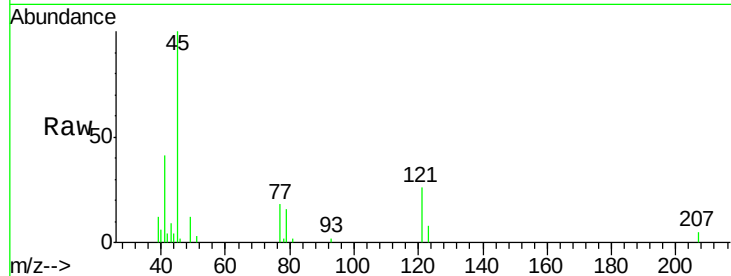




#12
2,2'-oxybis(1-Chloropropane)
Concen: 4.077 ng/ul
RT: 8.99 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BN000145.D
Acq: 21 Feb 2018 12:48

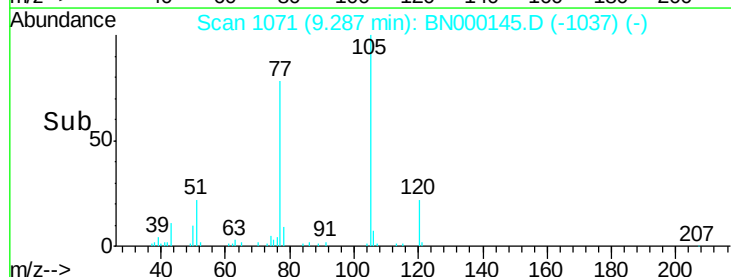
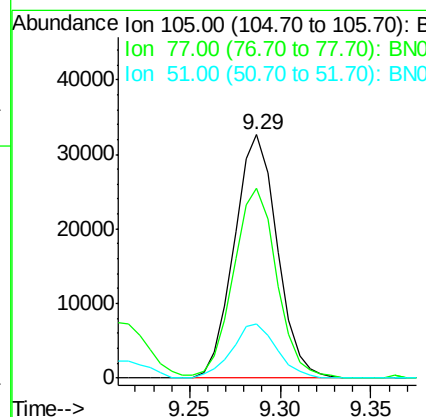
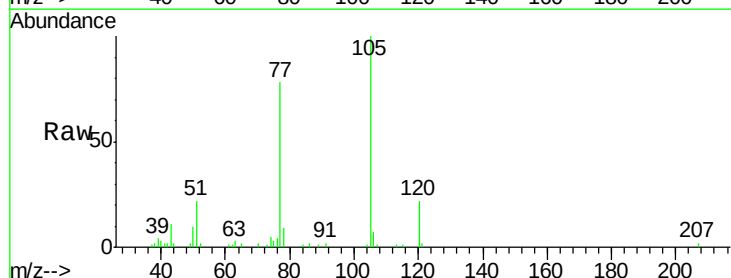
Instrument :
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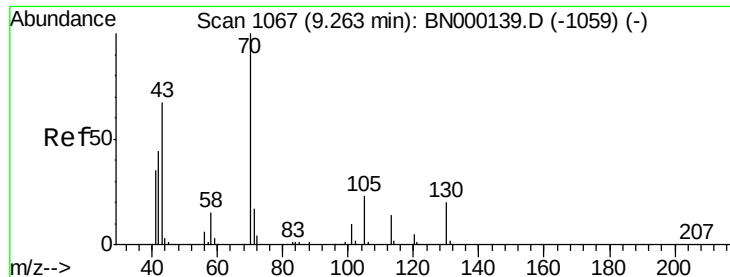
Tgt Ion: 45 Resp: 40550
Ion Ratio Lower Upper
45 100
77 17.7 12.5 18.7
79 16.1 9.4 14.2#



#14
Acetophenone
Concen: 3.707 ng/ul
RT: 9.29 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BN000145.D
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Tgt Ion: 105 Resp: 53930
Ion Ratio Lower Upper
105 100
77 78.0 63.2 94.8
51 22.3 19.8 29.8

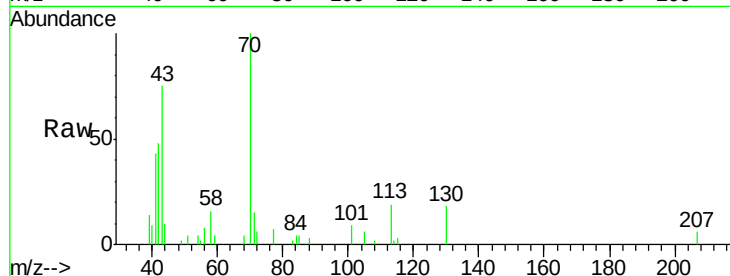




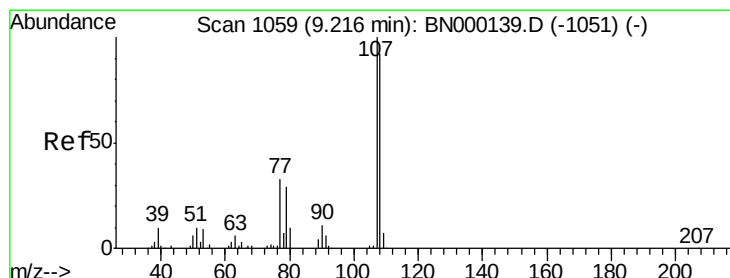
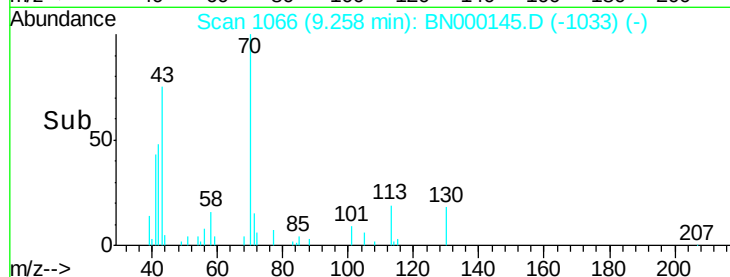
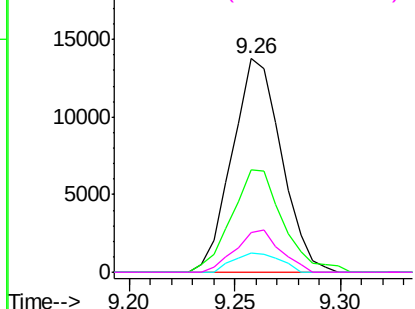
#15
N-Nitroso-di-n-propylamine
Concen: 3.393 ng/ul
RT: 9.26 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BN000145.D
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Tgt Ion: 70 Resp: 22287
Ion Ratio Lower Upper
70 100
42 47.9 40.2 60.4
101 9.1 7.7 11.5
130 18.4 17.8 26.6

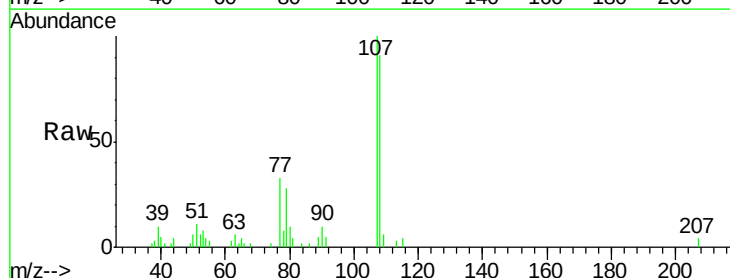


Abundance Ion 70.00 (69.70 to 70.70): BN000139.D (-1059) (-)
Ion 42.00 (41.70 to 42.70): BN000139.D (-1059) (-)
Ion 101.00 (100.70 to 101.70): BN000139.D (-1059) (-)
Ion 130.00 (129.70 to 130.70): BN000139.D (-1059) (-)

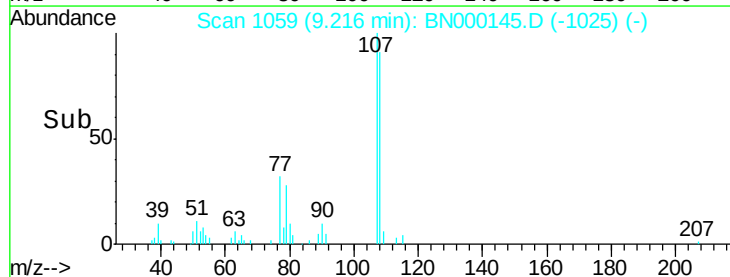
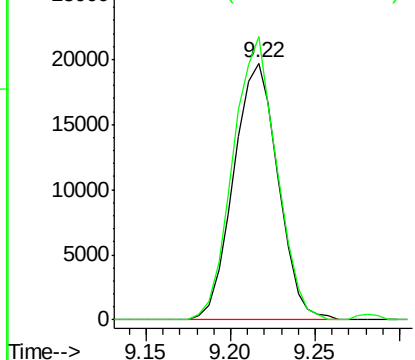


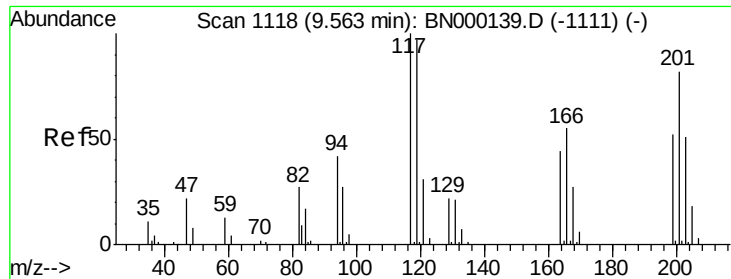
#16
4-Methylphenol
Concen: 3.664 ng/ul
RT: 9.22 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BN000145.D
Acq: 21 Feb 2018 12:48

Tgt Ion: 108 Resp: 36189
Ion Ratio Lower Upper
108 100
107 110.2 93.6 140.4



Abundance Ion 108.00 (107.70 to 108.70): BN000139.D (-1051) (-)
Ion 107.00 (106.70 to 107.70): BN000139.D (-1051) (-)

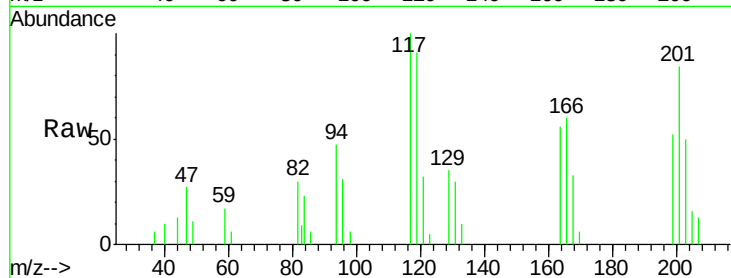




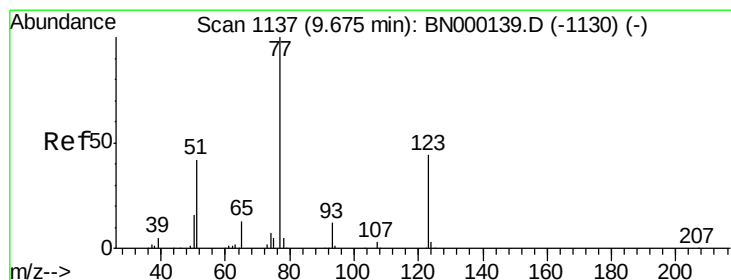
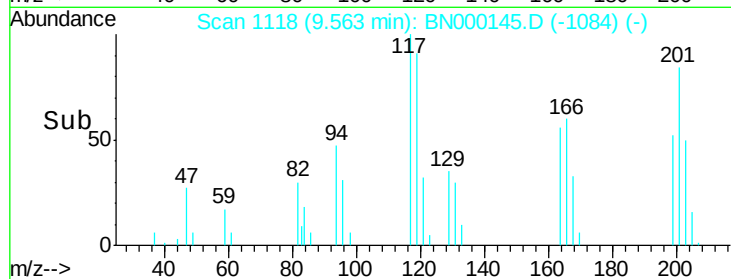
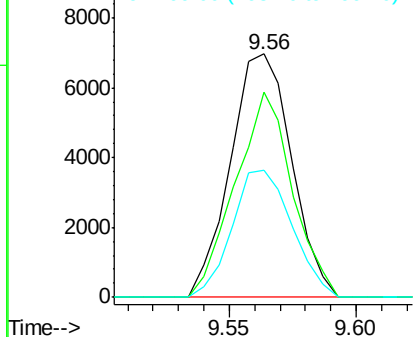
#17
 Hexachloroethane
 Concen: 3.689 ng/ul
 RT: 9.56 min Scan# 1118
 Delta R.T. 0.00 min
 Lab File: BN000145.D
 Acq: 21 Feb 2018 12:48

Instrument :
 BNA_N
 ClientSampled :
 MDL-S-03

Tgt Ion: 117 Resp: 11726
 Ion Ratio Lower Upper
 117 100
 201 84.1 96.1 144.1#
 199 52.2 59.7 89.5#

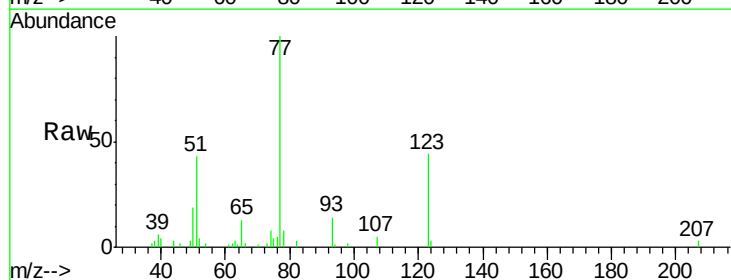


Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 201.00 (200.70 to 201.70): E
 Ion 199.00 (198.70 to 199.70): E

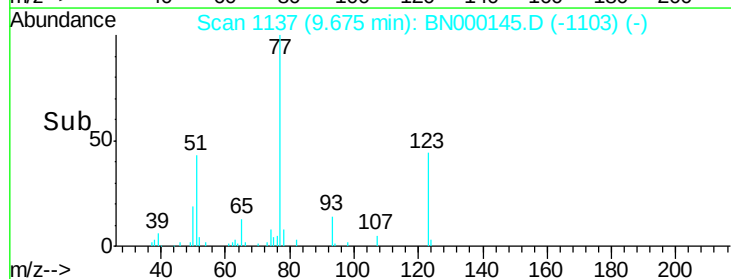
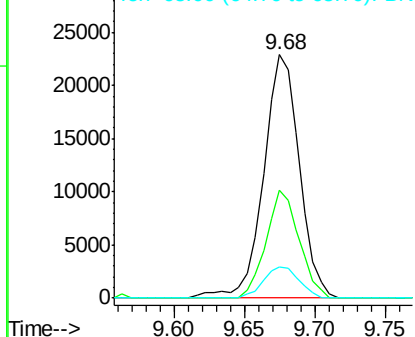


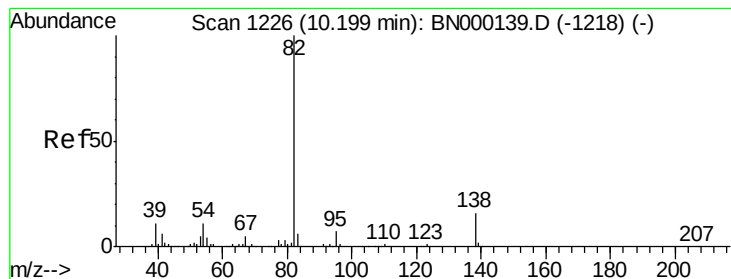
#20
 Nitrobenzene
 Concen: 3.961 ng/ul
 RT: 9.68 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: BN000145.D
 Acq: 21 Feb 2018 12:48

Tgt Ion: 77 Resp: 40681
 Ion Ratio Lower Upper
 77 100
 123 44.4 31.8 47.8
 65 13.0 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BNO
 Ion 123.00 (122.70 to 123.70): E
 Ion 65.00 (64.70 to 65.70): BNO





#21

Isophorone

Concen: 3.157 ng/ul

RT: 10.20 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

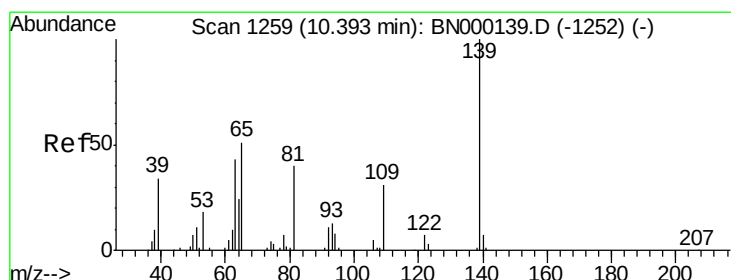
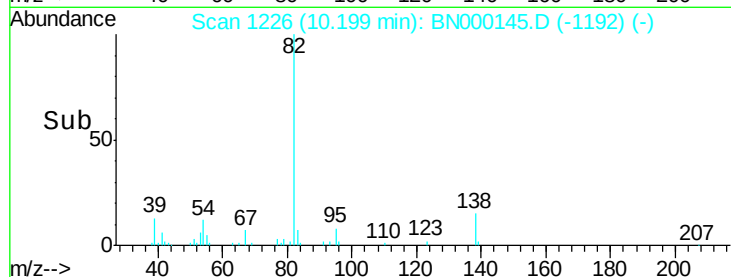
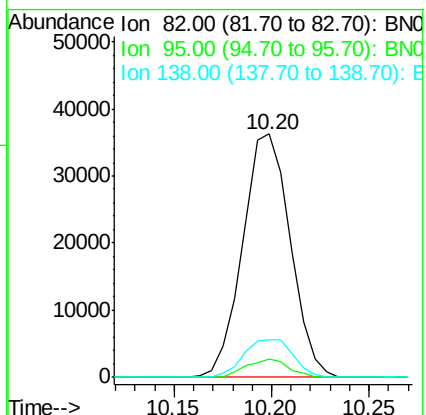
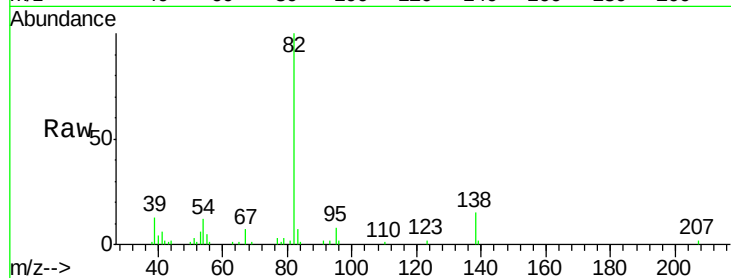
Tgt Ion: 82 Resp: 61291

Ion Ratio Lower Upper

82 100

95 7.8 6.1 9.1

138 15.4 13.5 20.3



#23

2-Nitrophenol

Concen: 3.492 ng/ul

RT: 10.39 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

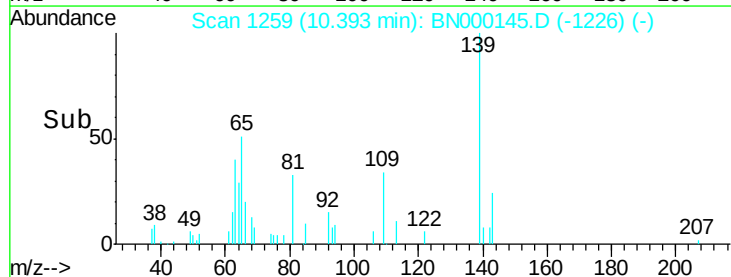
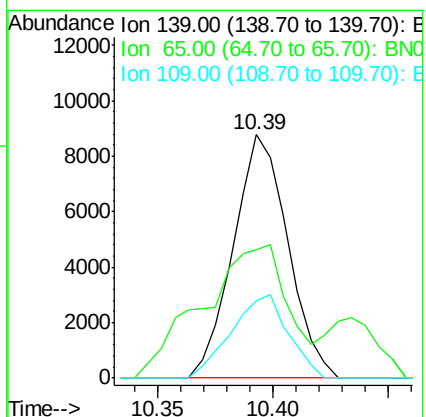
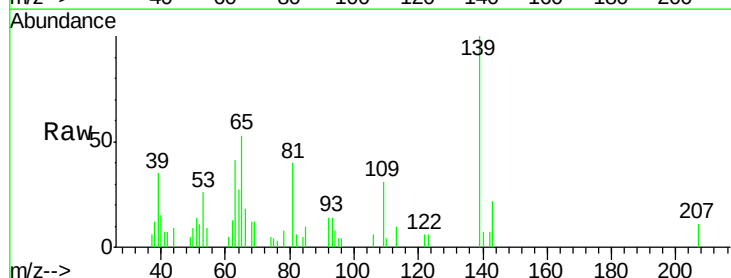
Tgt Ion: 139 Resp: 14434

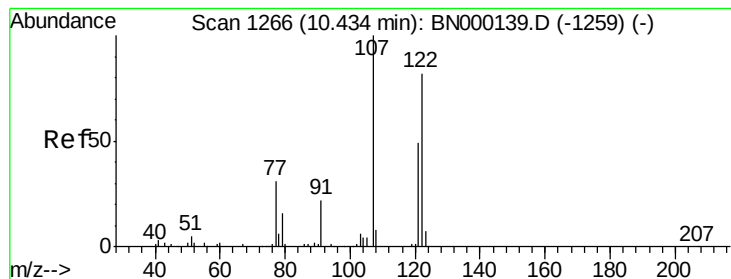
Ion Ratio Lower Upper

139 100

65 52.7 45.3 67.9

109 31.5 27.7 41.5





#24

2,4-Dimethylphenol

Concen: 3.571 ng/ul

RT: 10.43 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

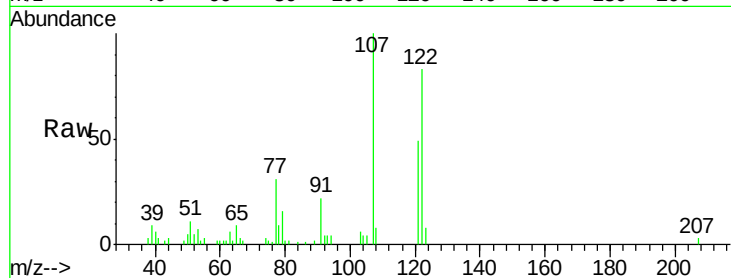
Tgt Ion: 107 Resp: 38357

Ion Ratio Lower Upper

107 100

121 48.7 38.1 57.1

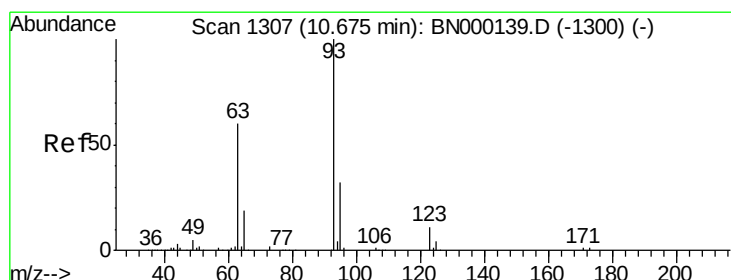
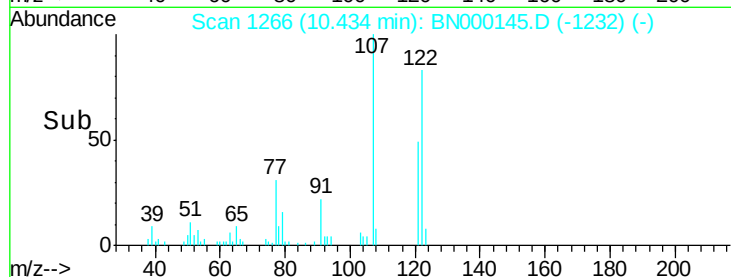
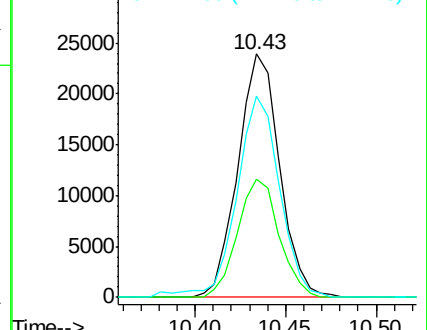
122 82.6 63.8 95.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 3.762 ng/ul

RT: 10.68 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

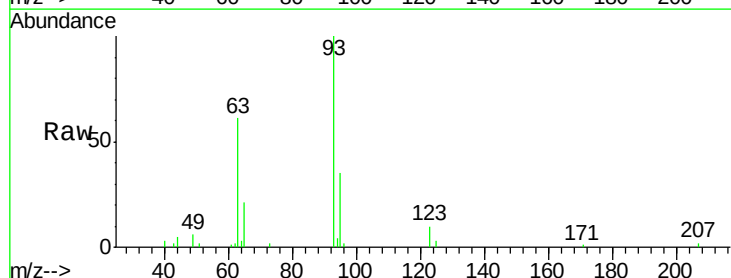
Tgt Ion: 93 Resp: 49867

Ion Ratio Lower Upper

93 100

95 34.9 24.7 37.1

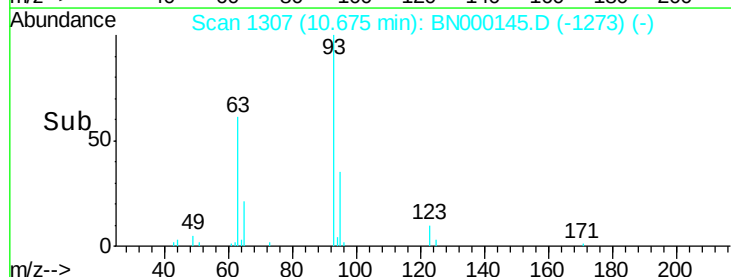
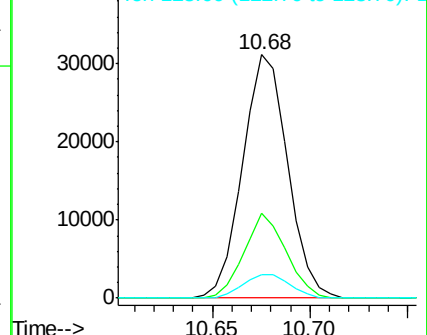
123 9.7 8.2 12.2

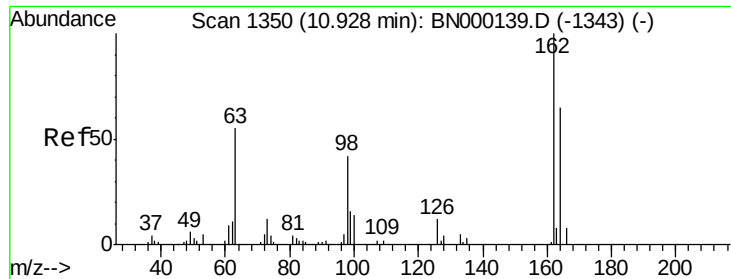


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

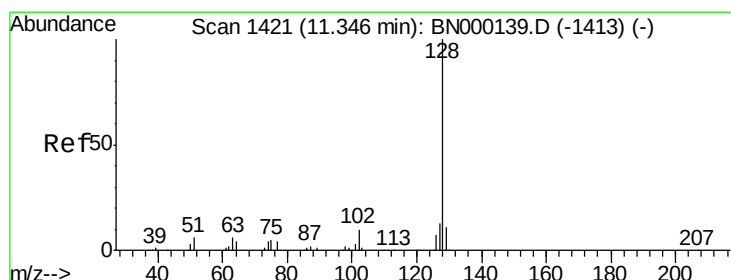
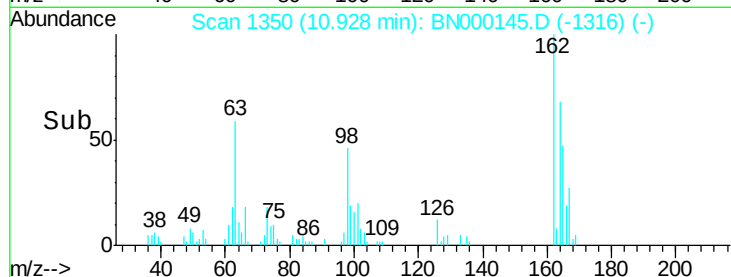
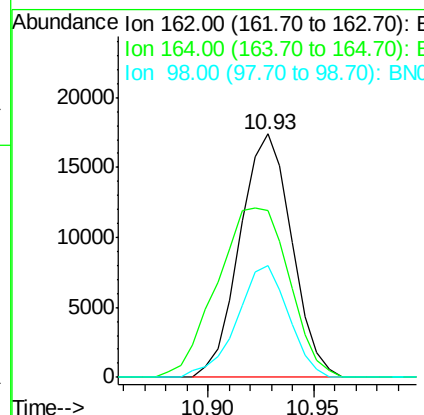
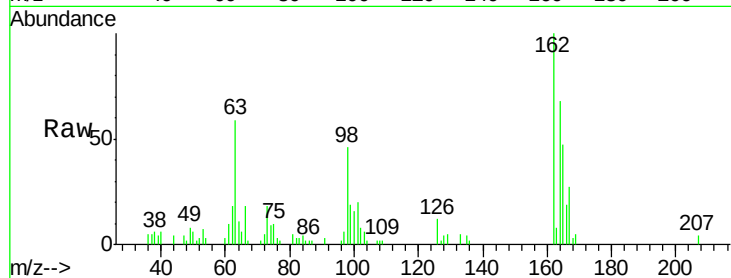




#27
 2,4-Dichlorophenol
 Concen: 3.756 ng/ul
 RT: 10.93 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BN000145.D
 Acq: 21 Feb 2018 12:48

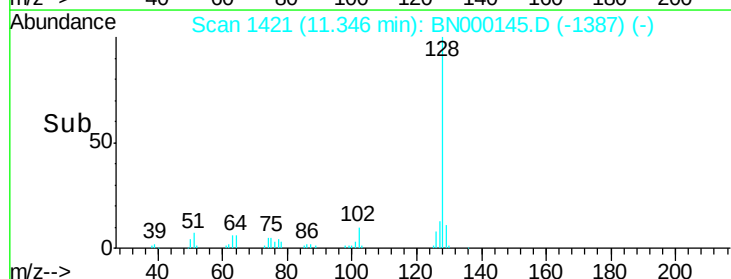
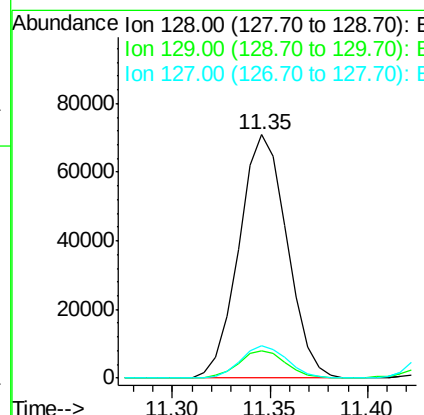
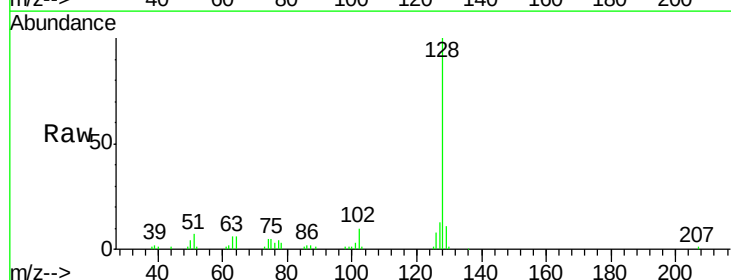
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

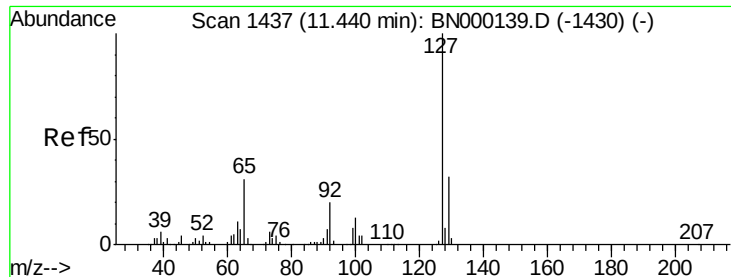
Tgt Ion:162 Resp: 29712
 Ion Ratio Lower Upper
 162 100
 164 68.5 52.0 78.0
 98 45.7 26.6 39.8#



#28
 Naphthalene
 Concen: 4.047 ng/ul
 RT: 11.35 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BN000145.D
 Acq: 21 Feb 2018 12:48

Tgt Ion:128 Resp: 120825
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.3 12.5
 127 13.3 10.8 16.2

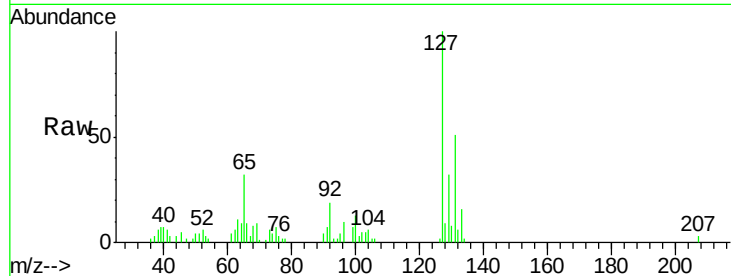




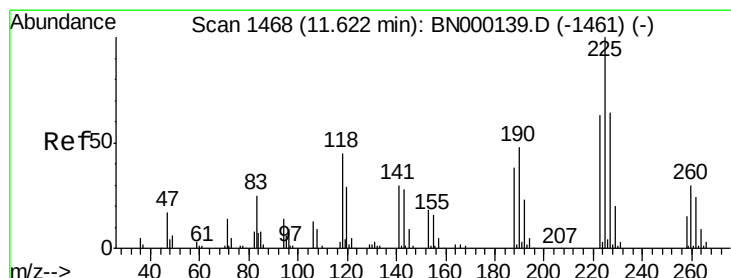
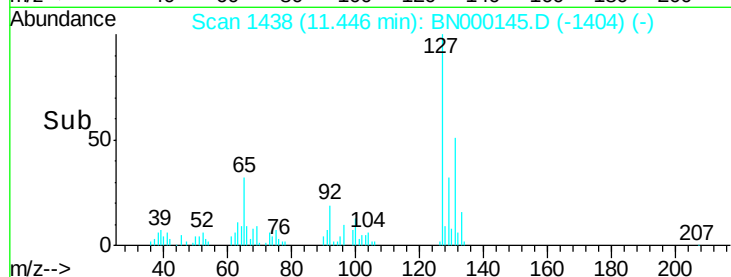
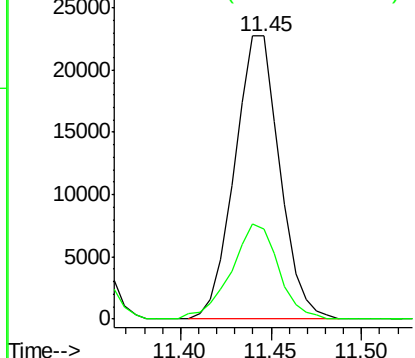
#30
4-Chloroaniline
Concen: 4.320 ng/ul
RT: 11.45 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BN000145.D
Acq: 21 Feb 2018 12:48

Instrument :
BNA_N
ClientSampleId :
MDL-S-03

Tgt Ion:127 Resp: 39430
Ion Ratio Lower Upper
127 100
129 32.0 24.6 37.0

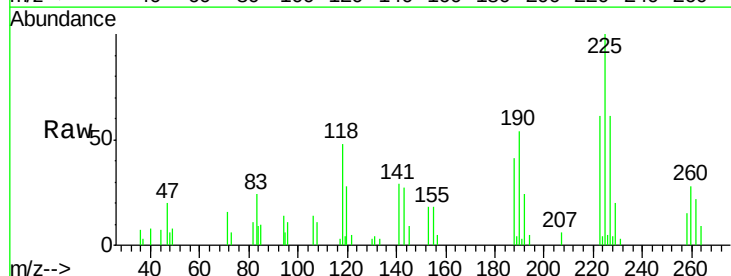


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

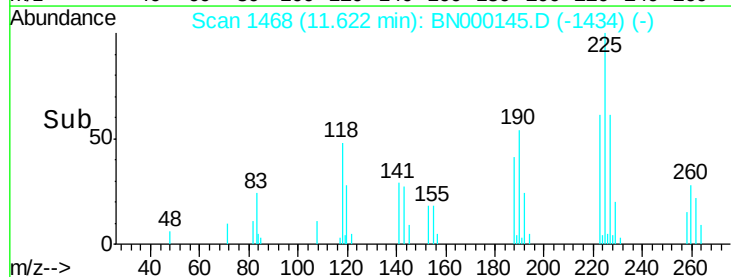
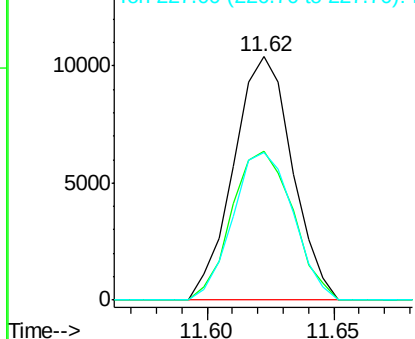


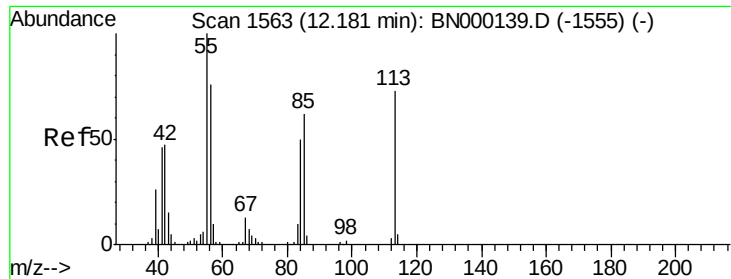
#31
Hexachlorobutadiene
Concen: 3.992 ng/ul
RT: 11.62 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BN000145.D
Acq: 21 Feb 2018 12:48

Tgt Ion:225 Resp: 16729
Ion Ratio Lower Upper
225 100
223 61.2 48.1 72.1
227 60.6 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: 2.777 ng/ul

RT: 12.16 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

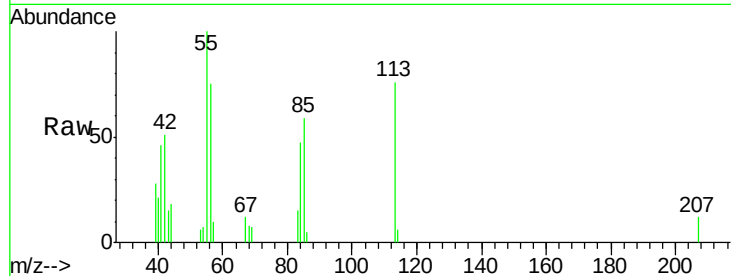
Tgt Ion:113 Resp: 8326

Ion Ratio Lower Upper

113 100

55 131.6 131.7 197.5#

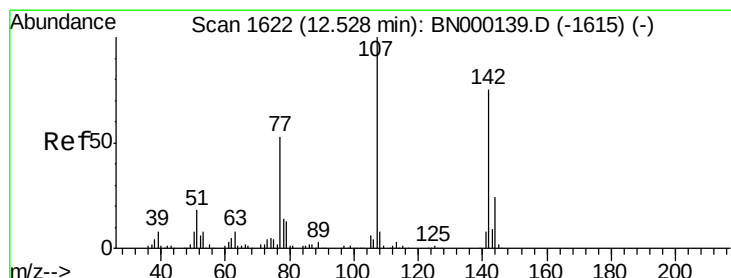
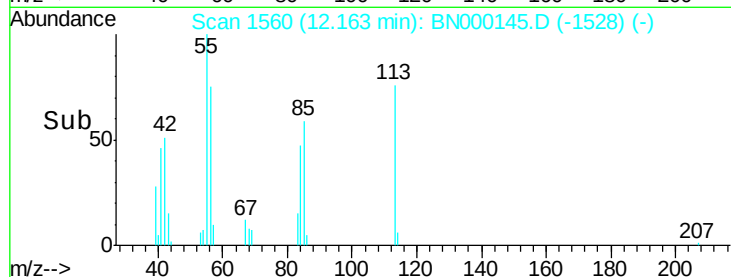
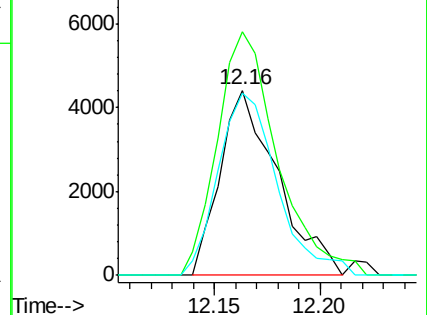
56 98.4 92.7 139.1



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: 2.970 ng/ul

RT: 12.52 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

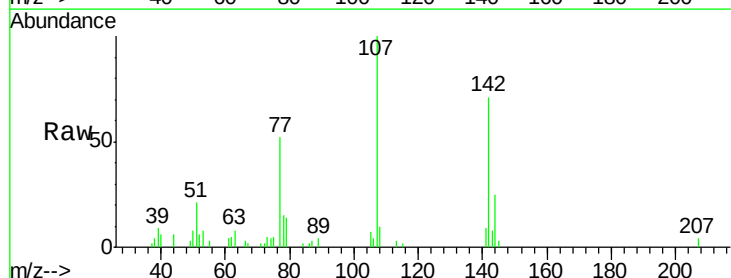
Tgt Ion:107 Resp: 28846

Ion Ratio Lower Upper

107 100

144 24.6 21.1 31.7

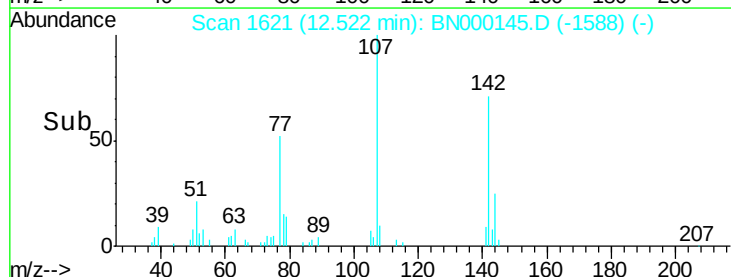
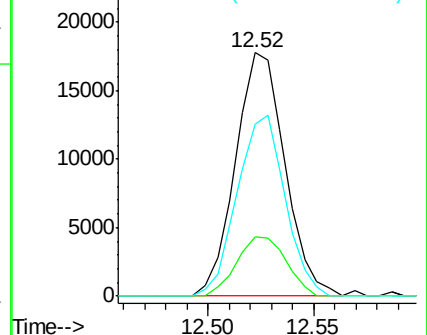
142 70.5 60.1 90.1

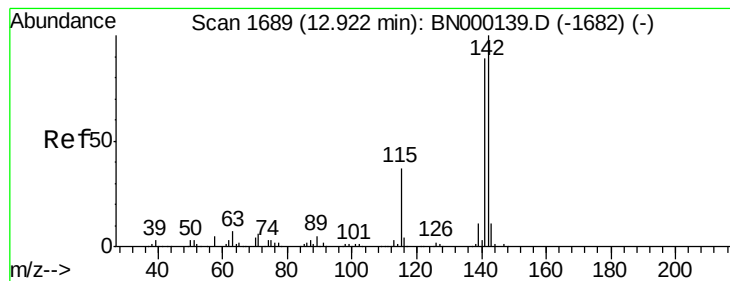


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 3.926 ng/ul

RT: 12.92 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

Instrument :

BNA_N

ClientSampleId :

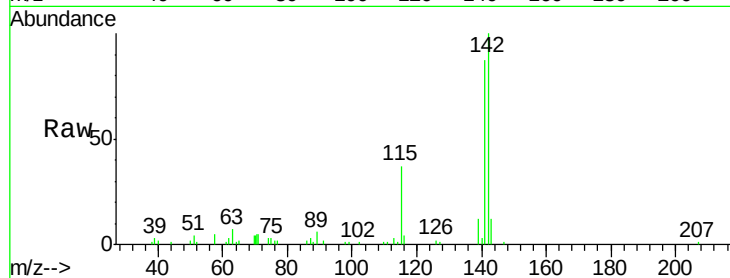
MDL-S-03

Tgt Ion:142 Resp: 81684

Ion Ratio Lower Upper

142 100

141 86.9 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

60000

50000

40000

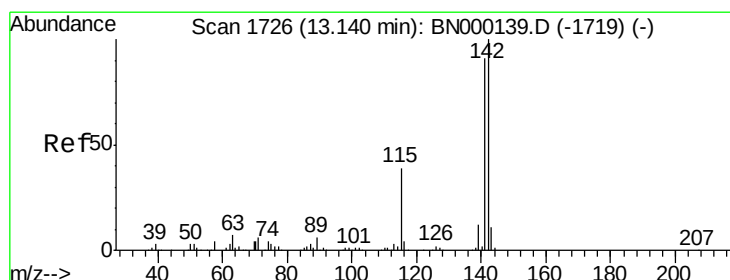
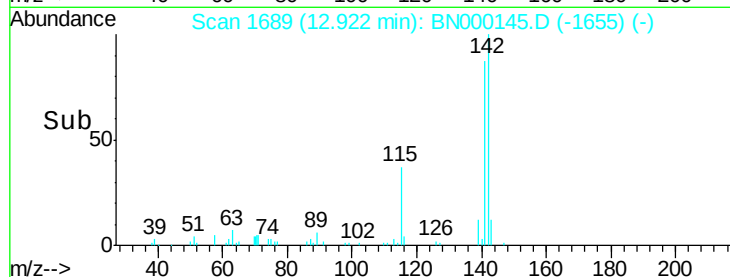
30000

20000

10000

0

Time--> 12.85 12.90 12.95



#35

1-Methylnaphthalene

Concen: 3.800 ng/ul

RT: 13.14 min Scan# 1726

Delta R.T. 0.00 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

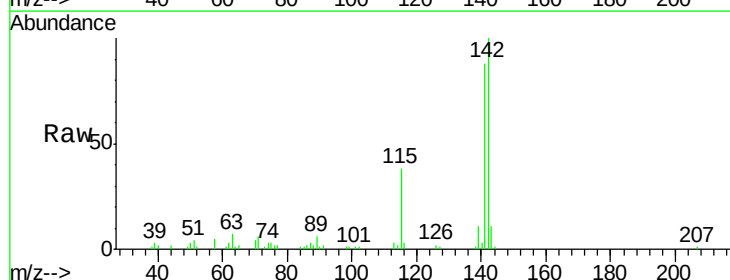
Tgt Ion:142 Resp: 79338

Ion Ratio Lower Upper

142 100

141 88.3 76.6 115.0

116 3.4 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

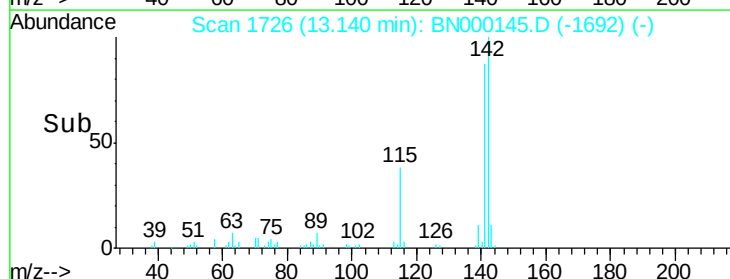
60000

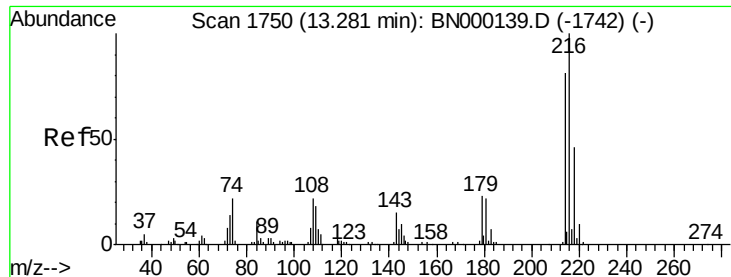
40000

20000

0

Time--> 13.10 13.15

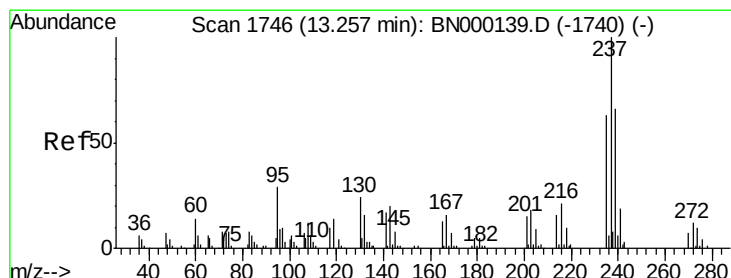
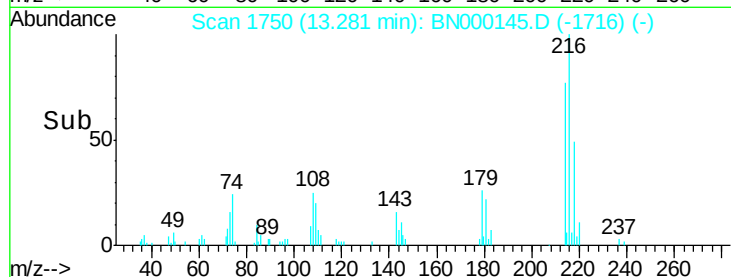
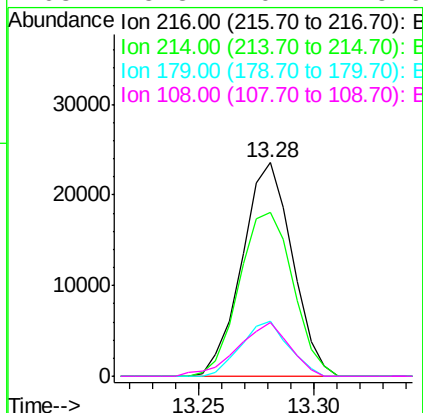
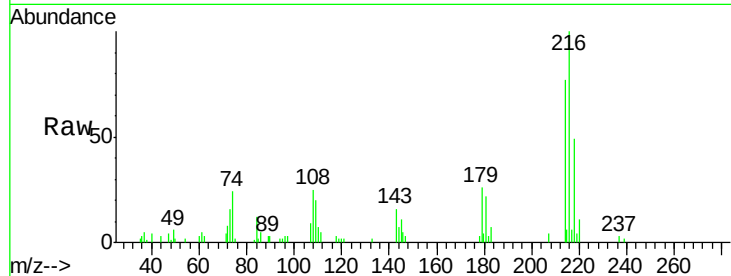




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.891 ng/ul
 RT: 13.28 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: BN000145.D
 Acq: 21 Feb 2018 12:48

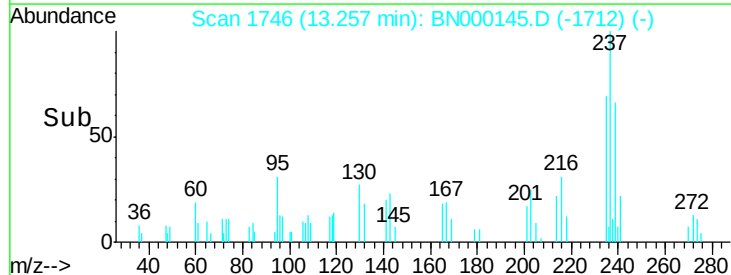
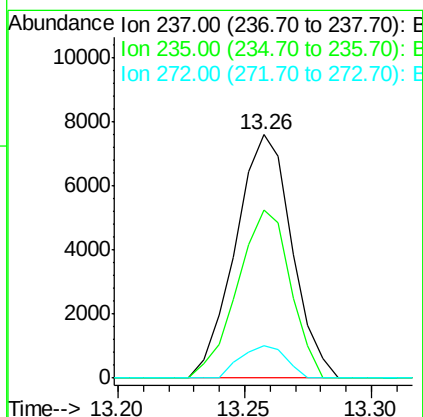
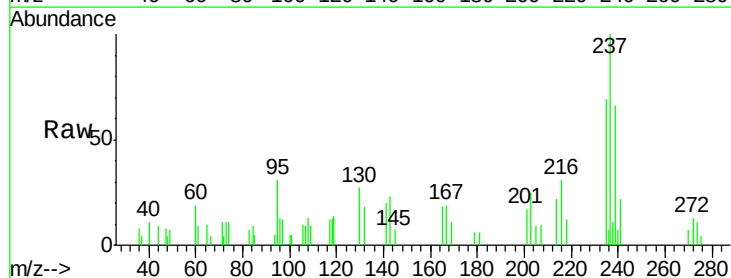
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

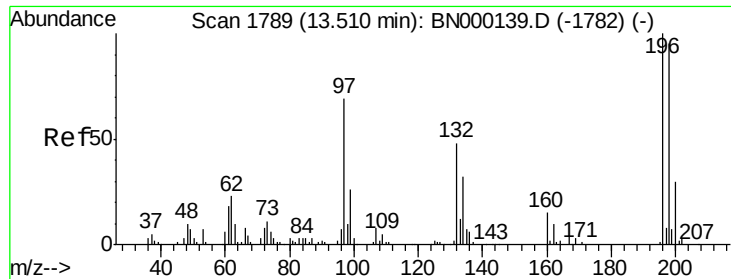
Tgt Ion:216 Resp: 35775
 Ion Ratio Lower Upper
 216 100
 214 77.0 64.1 96.1
 179 25.6 14.5 21.7#
 108 25.3 10.4 15.6#



#38
 Hexachlorocyclopentadiene
 Concen: 2.639 ng/ul
 RT: 13.26 min Scan# 1746
 Delta R.T. 0.00 min
 Lab File: BN000145.D
 Acq: 21 Feb 2018 12:48

Tgt Ion:237 Resp: 11744
 Ion Ratio Lower Upper
 237 100
 235 69.2 49.5 74.3
 272 13.1 8.6 12.8#

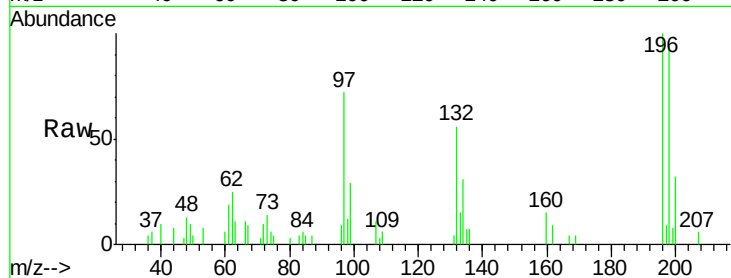




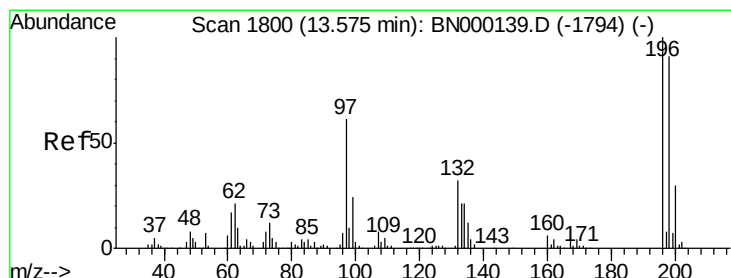
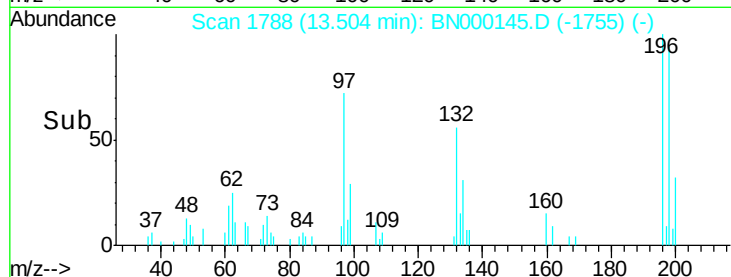
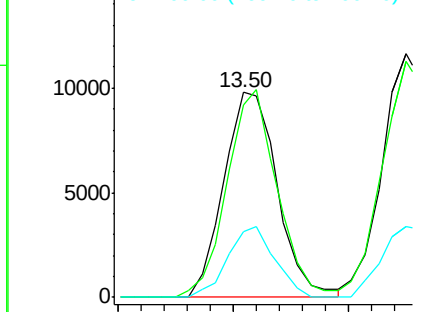
#39
 2,4,6-Trichlorophenol
 Concen: 2.730 ng/ul
 RT: 13.50 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BN000145.D
 Acq: 21 Feb 2018 12:48

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

Tgt Ion:196 Resp: 15826
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.9 113.9
 200 32.1 25.8 38.6

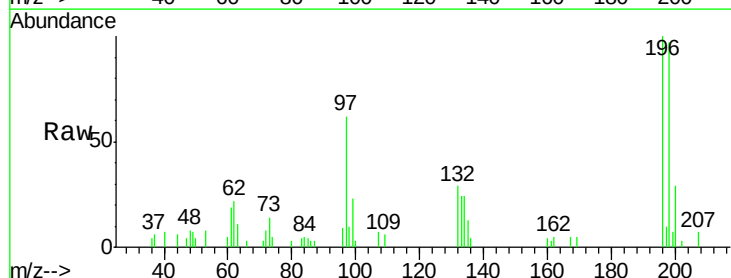


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

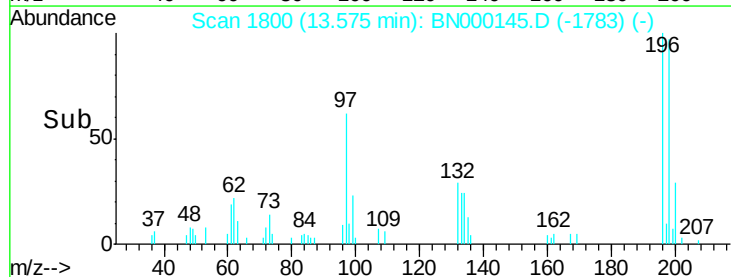
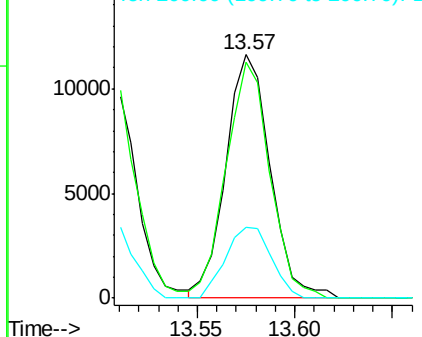


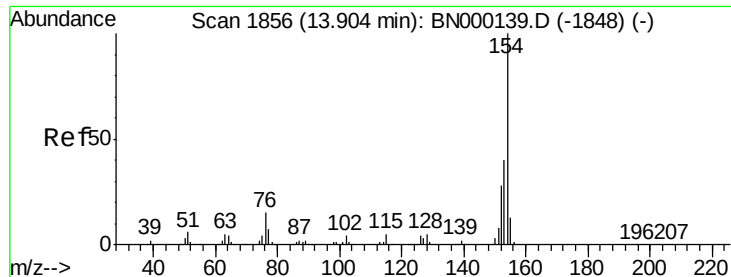
#40
 2,4,5-Trichlorophenol
 Concen: 2.958 ng/ul
 RT: 13.57 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BN000145.D
 Acq: 21 Feb 2018 12:48

Tgt Ion:196 Resp: 18434
 Ion Ratio Lower Upper
 196 100
 198 97.1 74.7 112.1
 200 28.9 25.4 38.0



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

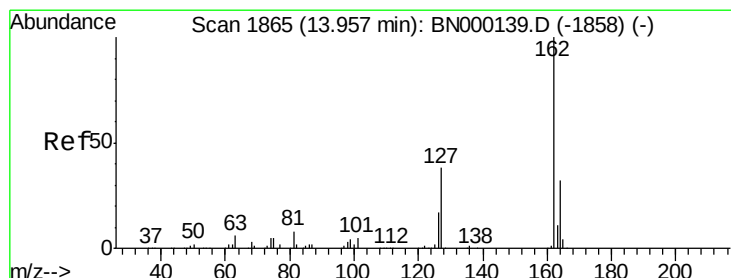
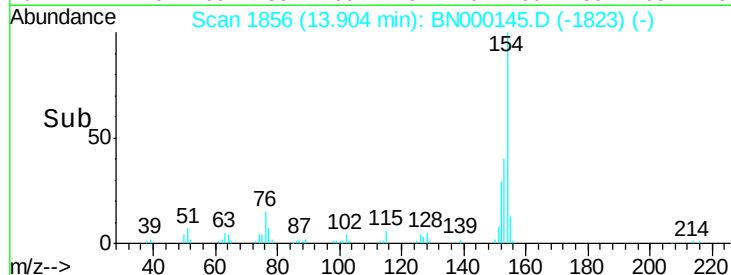
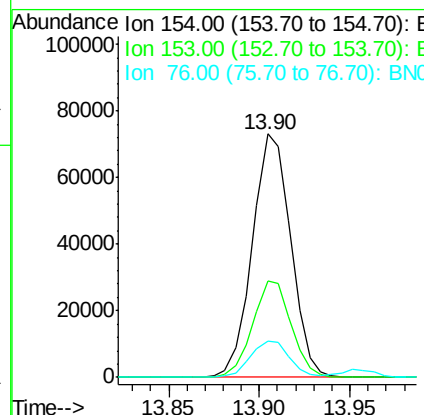
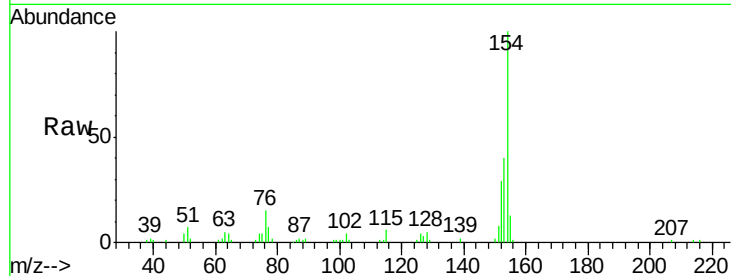




#41
 1,1'-Biphenyl
 Concen: 3.920 ng/ul
 RT: 13.90 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BN000145.D
 Acq: 21 Feb 2018 12:48

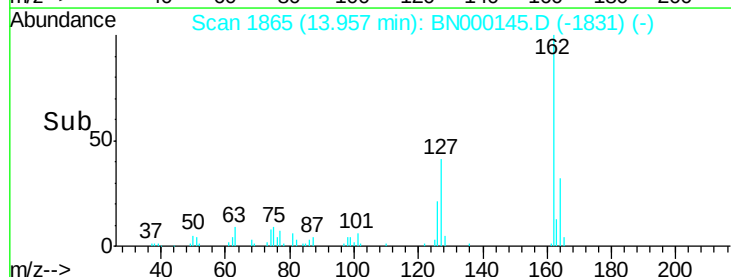
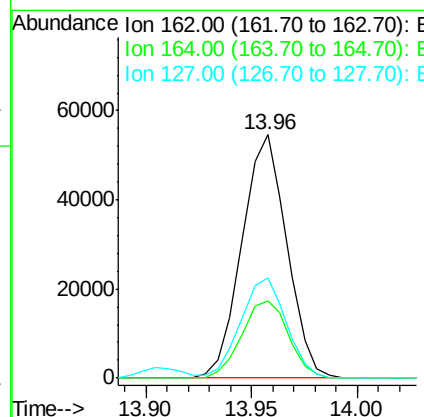
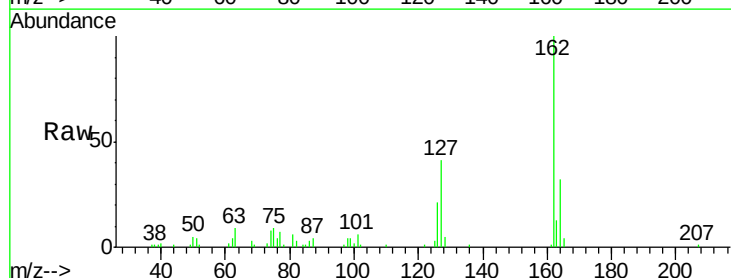
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

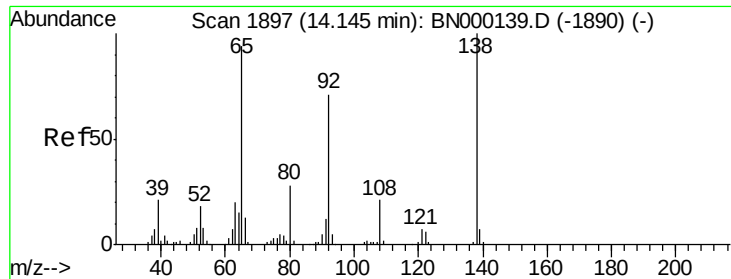
Tgt Ion:154 Resp: 107728
 Ion Ratio Lower Upper
 154 100
 153 39.6 34.0 51.0
 76 15.0 8.4 12.6#



#42
 2-Chloronaphthalene
 Concen: 3.824 ng/ul
 RT: 13.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: BN000145.D
 Acq: 21 Feb 2018 12:48

Tgt Ion:162 Resp: 80686
 Ion Ratio Lower Upper
 162 100
 164 31.9 26.2 39.4
 127 41.1 29.5 44.3





#43

2-Nitroaniline

Concen: 2.506 ng/ul

RT: 14.15 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

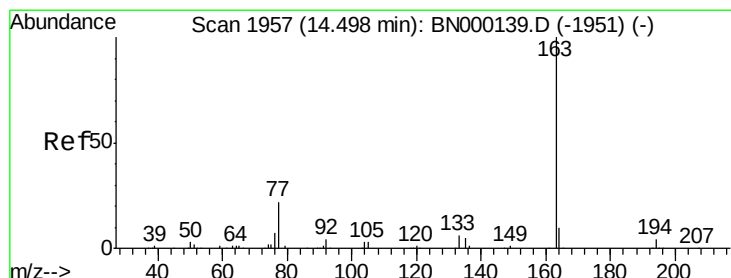
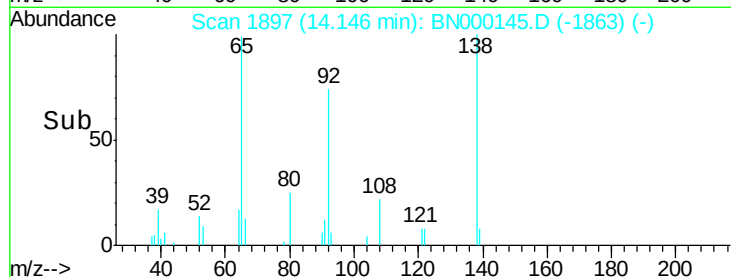
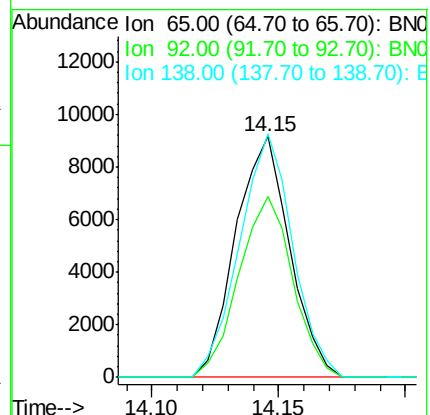
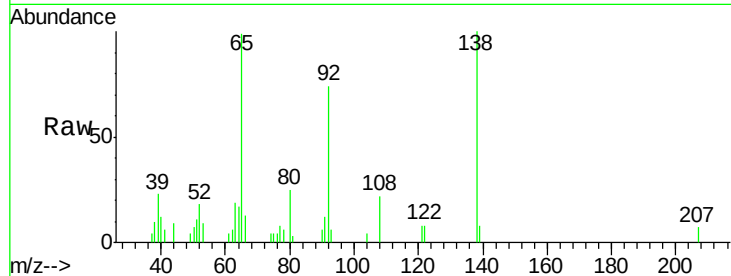
Tgt Ion: 65 Resp: 13541

Ion Ratio Lower Upper

65 100

92 74.8 57.0 85.4

138 101.0 87.2 130.8



#45

Dimethylphthalate

Concen: 3.924 ng/ul

RT: 14.50 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

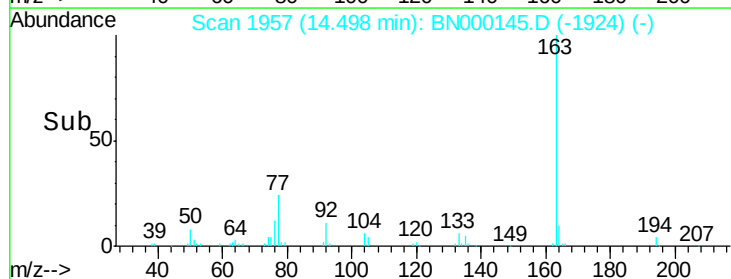
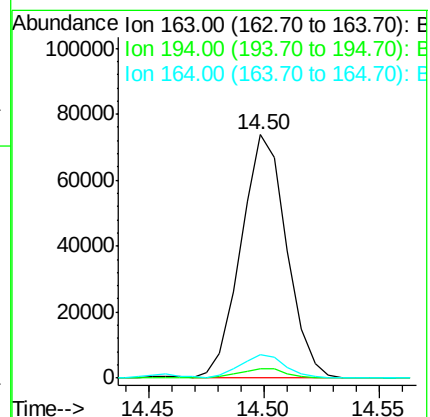
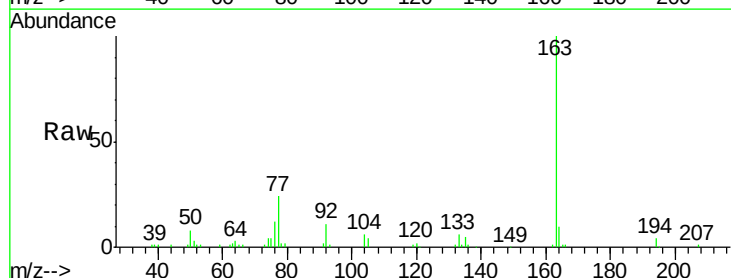
Tgt Ion: 163 Resp: 101679

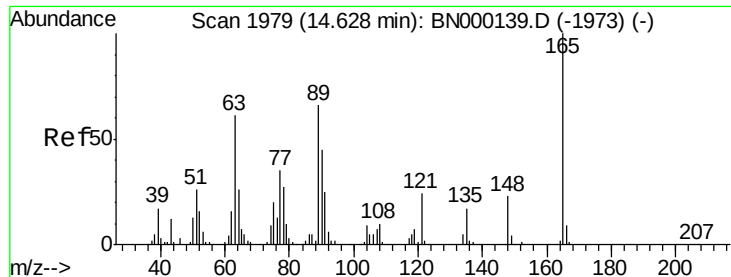
Ion Ratio Lower Upper

163 100

194 3.9 4.0 6.0#

164 9.6 8.4 12.6

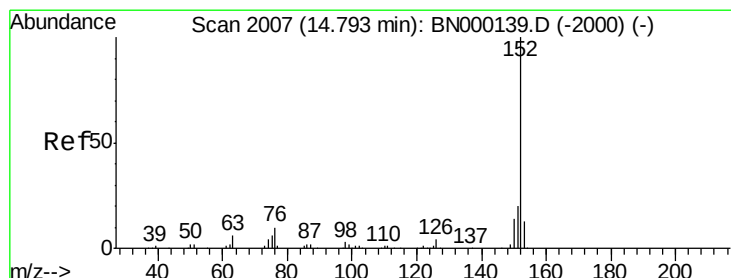
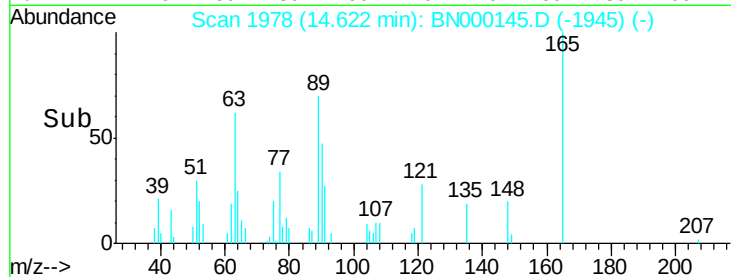
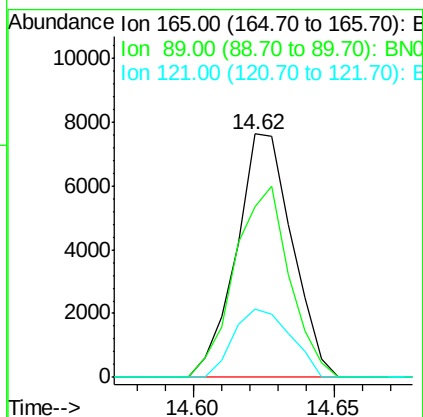
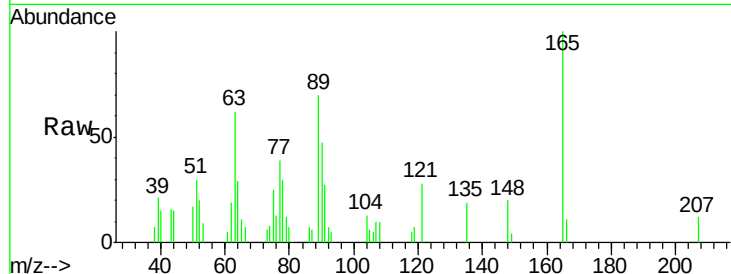




#46
 2,6-Dinitrotoluene
 Concen: 2.423 ng/ul
 RT: 14.62 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BN000145.D
 Acq: 21 Feb 2018 12:48

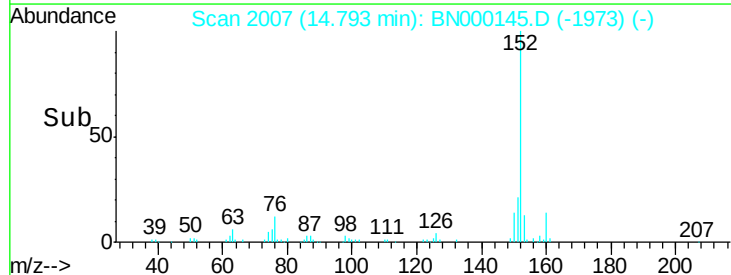
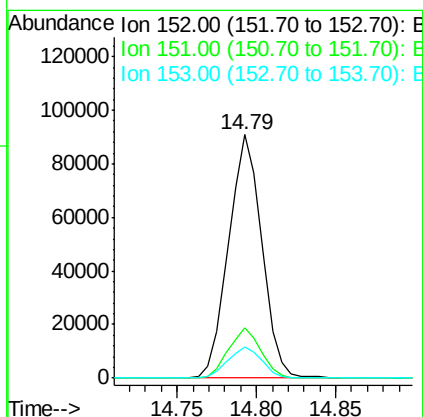
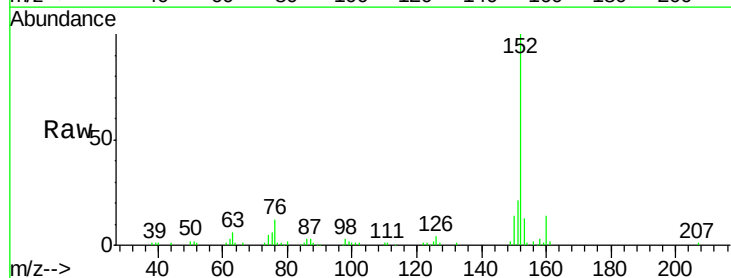
Instrument :
 BNA_N
 ClientSampled :
 MDL-S-03

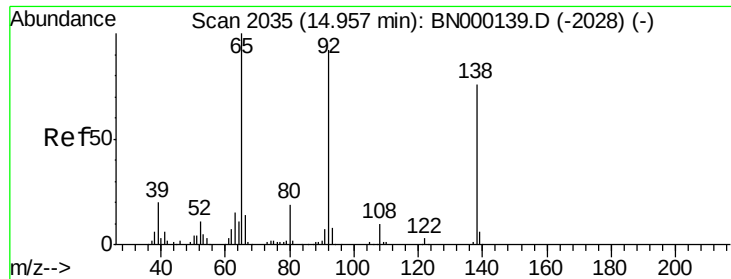
Tgt Ion:165 Resp: 10490
 Ion Ratio Lower Upper
 165 100
 89 70.3 43.8 65.8#
 121 28.1 17.8 26.6#



#48
 Acenaphthylene
 Concen: 3.978 ng/ul
 RT: 14.79 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BN000145.D
 Acq: 21 Feb 2018 12:48

Tgt Ion:152 Resp: 132311
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.1 24.1
 153 12.6 10.8 16.2





#49

3-Nitroaniline

Concen: 2.526 ng/ul

RT: 14.95 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

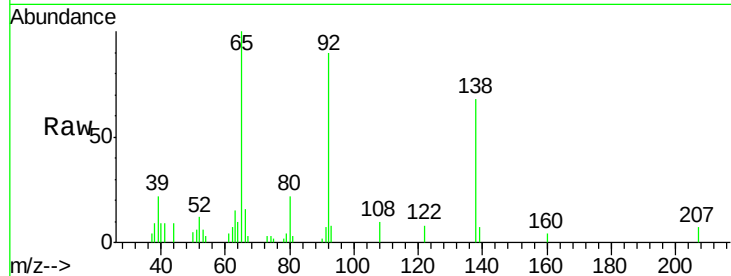
Tgt Ion:138 Resp: 13087

Ion Ratio Lower Upper

138 100

108 14.8 7.6 11.4#

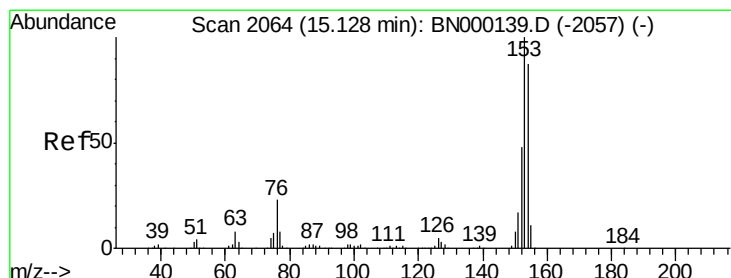
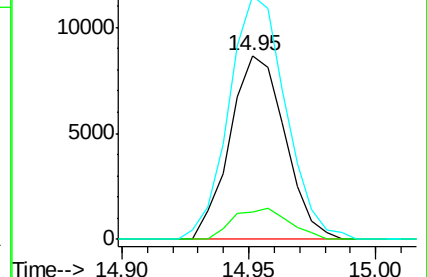
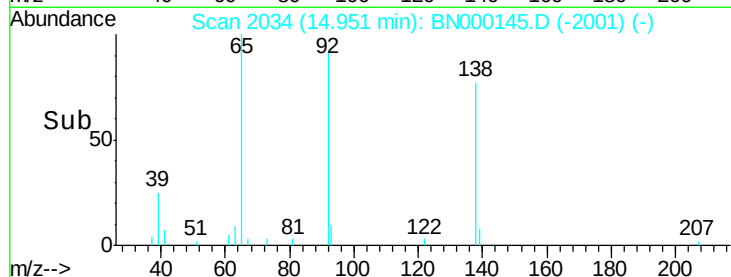
92 132.5 94.2 141.2



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: 3.973 ng/ul

RT: 15.13 min Scan# 2064

Delta R.T. 0.00 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

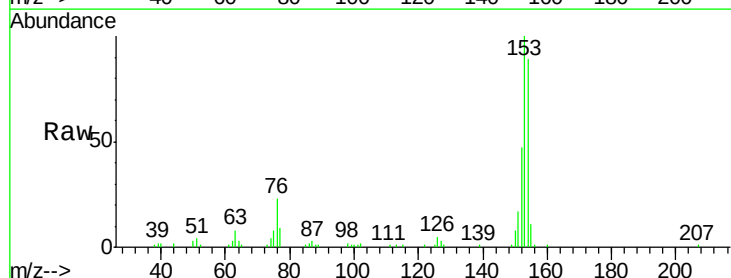
Tgt Ion:153 Resp: 93199

Ion Ratio Lower Upper

153 100

152 46.7 37.9 56.9

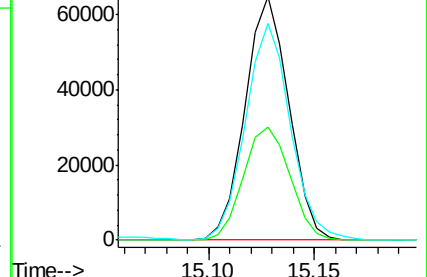
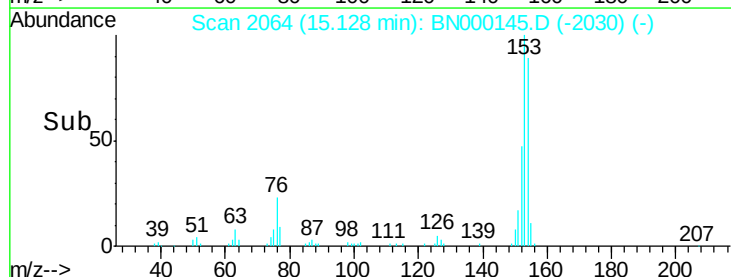
154 89.0 69.8 104.6

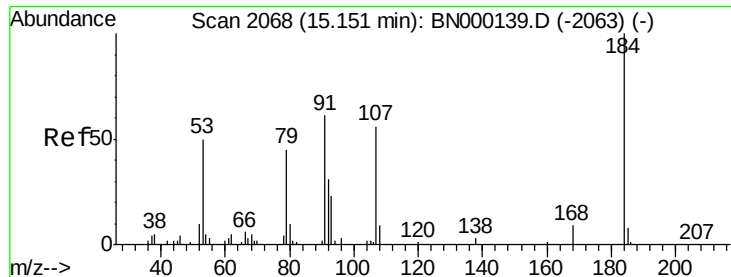


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

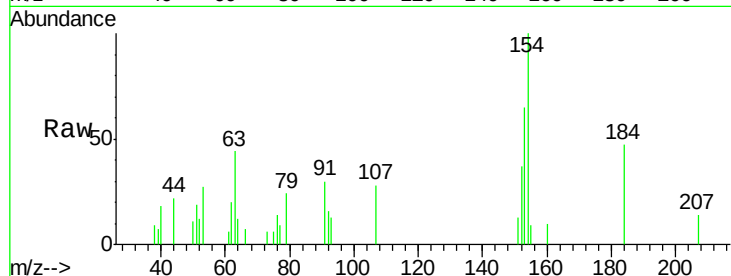




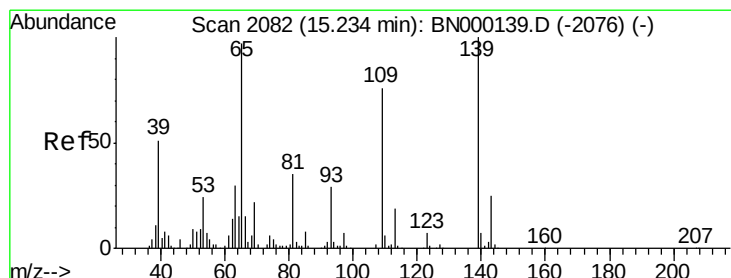
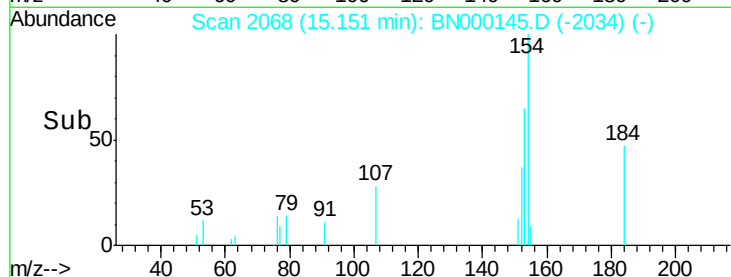
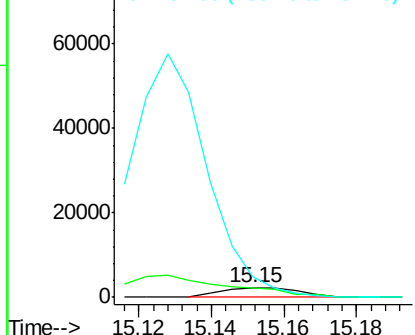
#51
 2,4-Dinitrophenol
 Concen: 1.667 ng/ul
 RT: 15.15 min Scan# 2068
 Delta R.T. 0.00 min
 Lab File: BN000145.D
 Acq: 21 Feb 2018 12:48

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

Tgt Ion:184 Resp: 3347
 Ion Ratio Lower Upper
 184 100
 63 92.4 39.7 59.5#
 154 211.8 45.0 67.6#

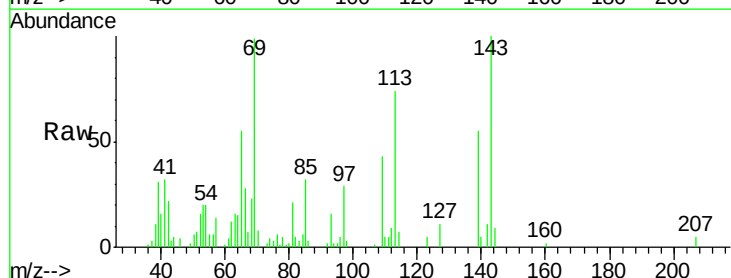


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 154.00 (153.70 to 154.70): E

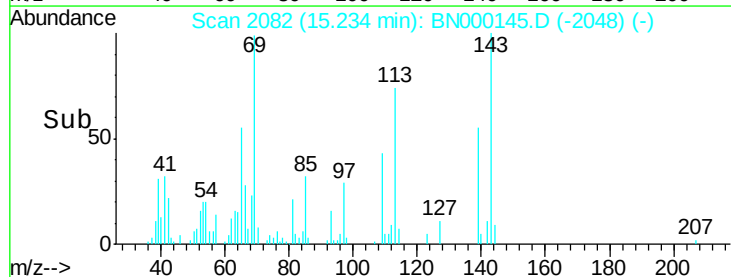
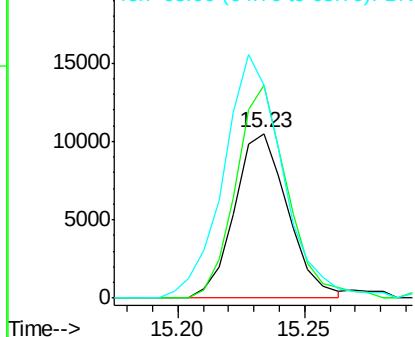


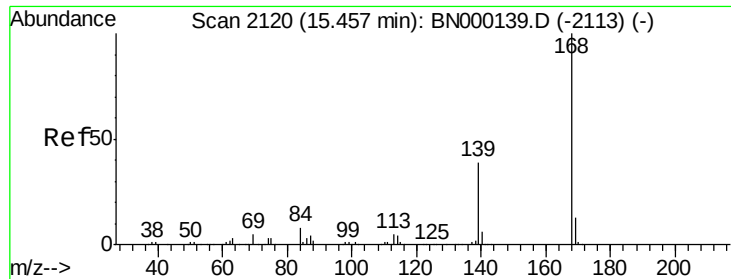
#53
 4-Nitrophenol
 Concen: 3.592 ng/ul
 RT: 15.23 min Scan# 2082
 Delta R.T. 0.00 min
 Lab File: BN000145.D
 Acq: 21 Feb 2018 12:48

Tgt Ion:109 Resp: 15350
 Ion Ratio Lower Upper
 109 100
 139 129.4 91.2 136.8
 65 129.8 92.6 139.0



Abundance Ion 109.00 (108.70 to 109.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 65.00 (64.70 to 65.70): BNO





#54

Dibenzofuran

Concen: 4.112 ng/ul

RT: 15.46 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

Instrument :

BNA_N

ClientSampleId :

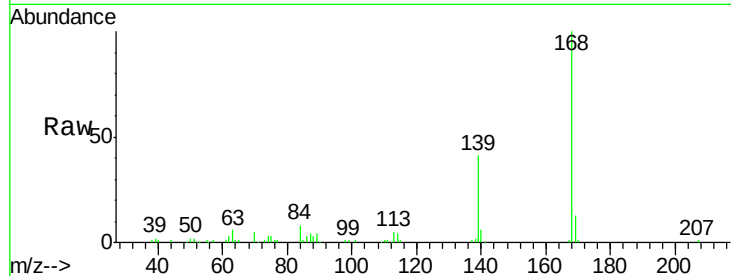
MDL-S-03

Tgt Ion:168 Resp: 133885

Ion Ratio Lower Upper

168 100

139 41.1 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

100000

80000

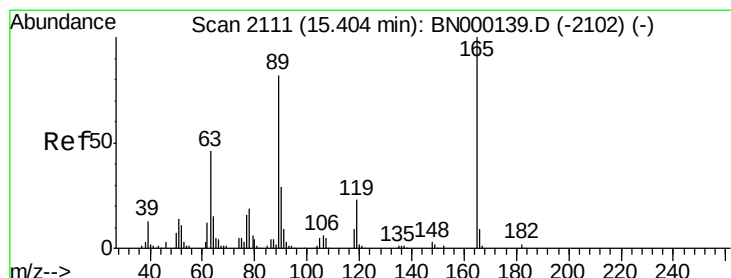
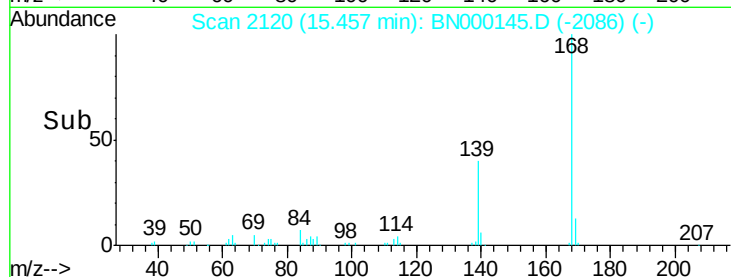
60000

40000

20000

0

Time--> 15.40 15.45 15.50



#55

2,4-Dinitrotoluene

Concen: 2.958 ng/ul

RT: 15.40 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

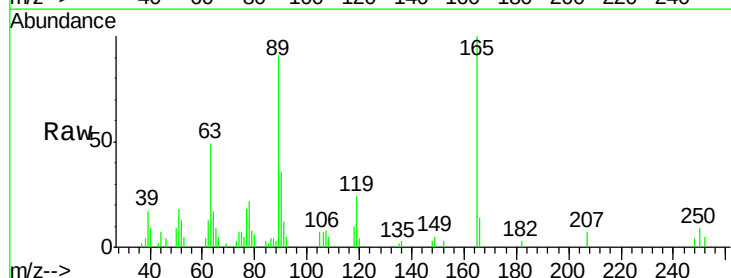
Tgt Ion:165 Resp: 19805

Ion Ratio Lower Upper

165 100

63 48.7 31.4 47.0#

182 3.3 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

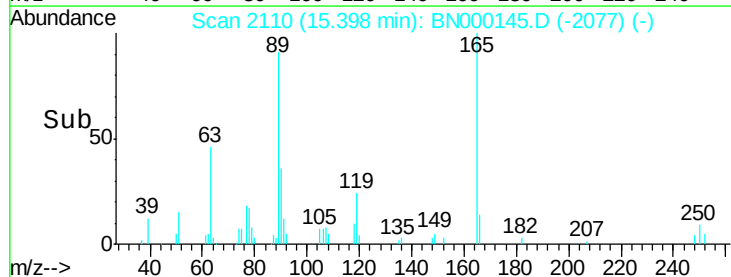
15000

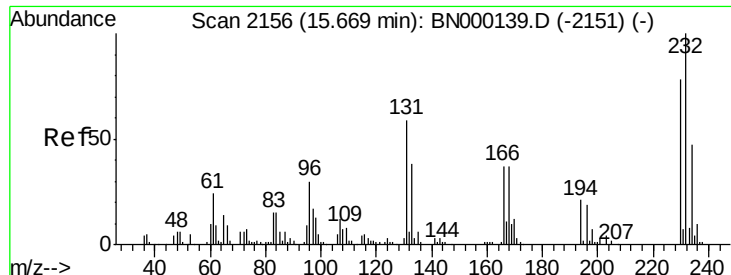
10000

5000

0

Time--> 15.35 15.40

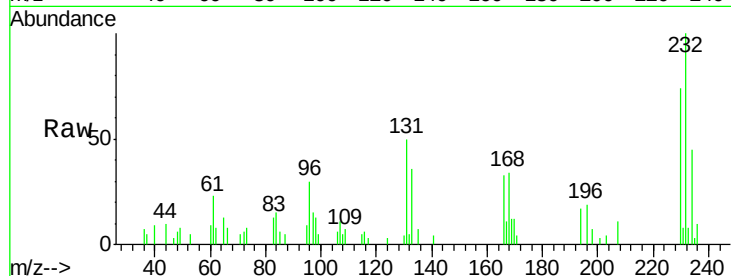




#56
 2,3,4,6-Tetrachlorophenol
 Concen: 2.809 ng/ul
 RT: 15.67 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BN000145.D
 Acq: 21 Feb 2018 12:48

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.0	48.0	72.0
130	3.6	4.0	6.0
166	32.9	32.0	48.0

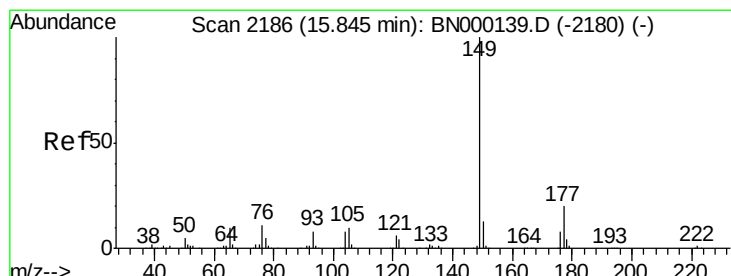
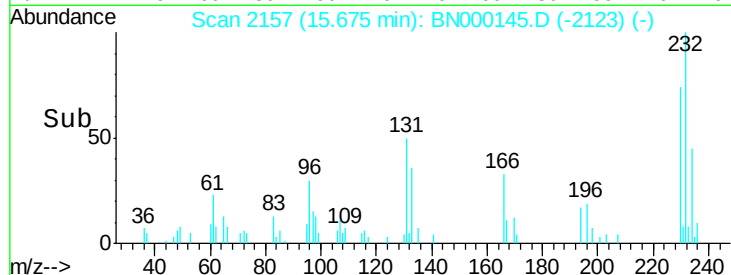
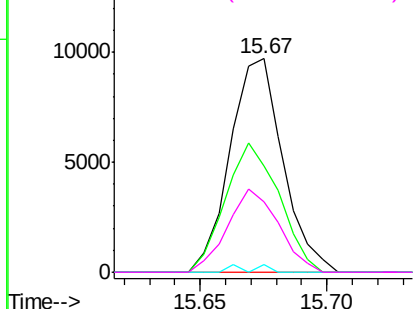


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

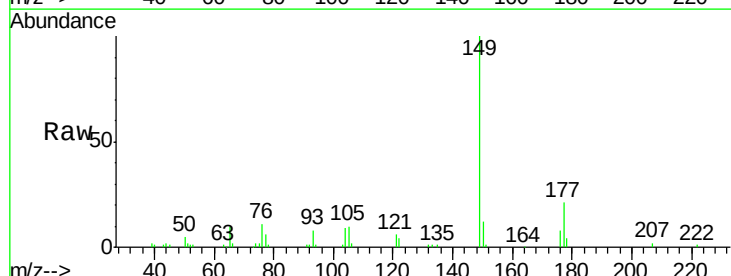
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57
 Diethylphthalate
 Concen: 3.482 ng/ul
 RT: 15.85 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: BN000145.D
 Acq: 21 Feb 2018 12:48

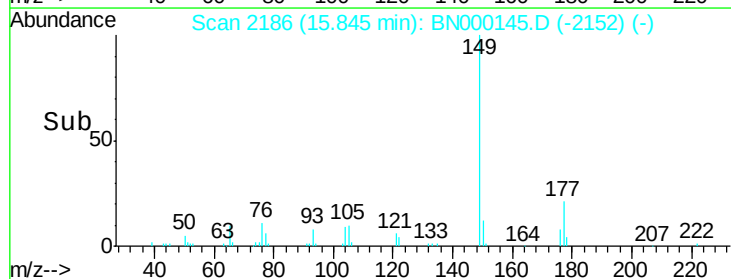
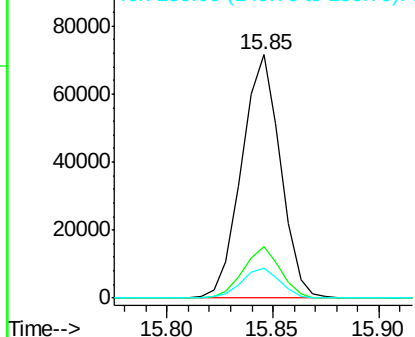
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	19.3	28.9
150	12.1	10.6	15.8

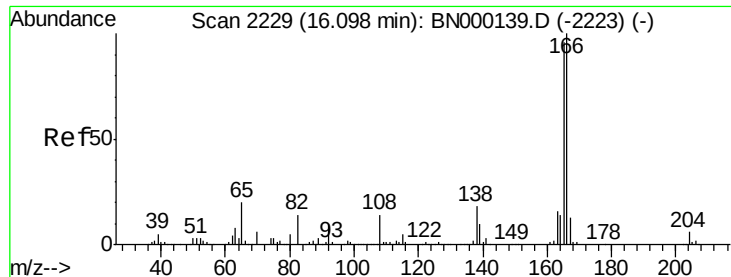


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 4.094 ng/ul

RT: 16.10 min Scan# 2229

Delta R.T. 0.00 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

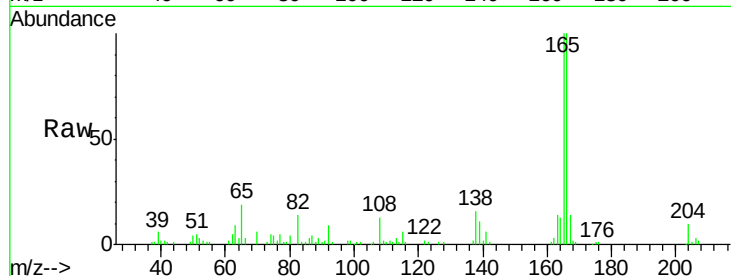
Tgt Ion:166 Resp: 107033

Ion Ratio Lower Upper

166 100

165 100.3 78.4 117.6

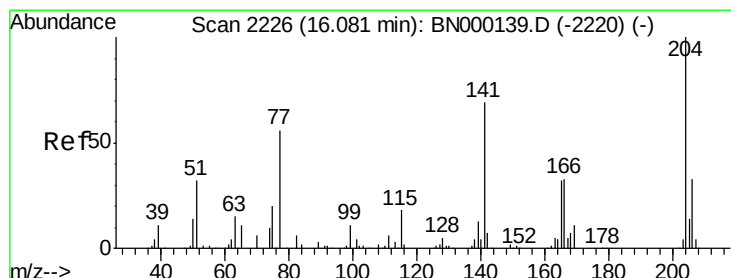
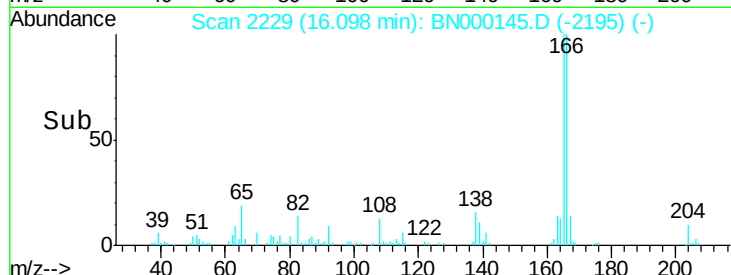
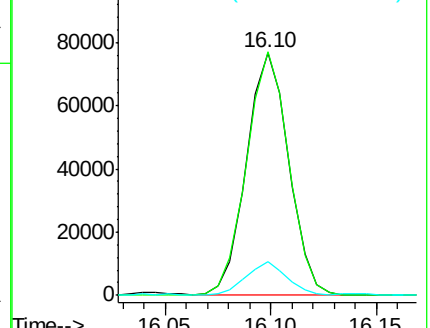
167 13.9 11.1 16.7



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: 4.177 ng/ul

RT: 16.08 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

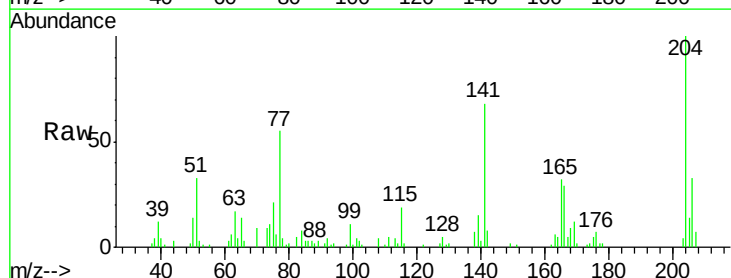
Tgt Ion:204 Resp: 49322

Ion Ratio Lower Upper

204 100

206 33.0 26.6 40.0

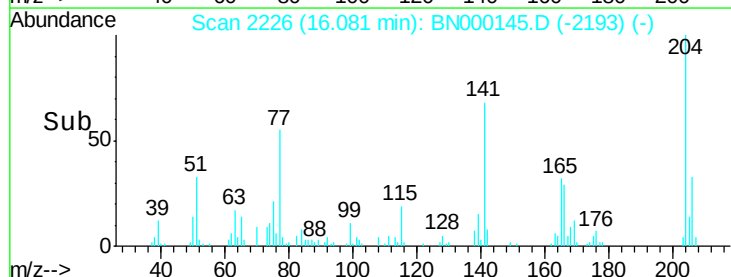
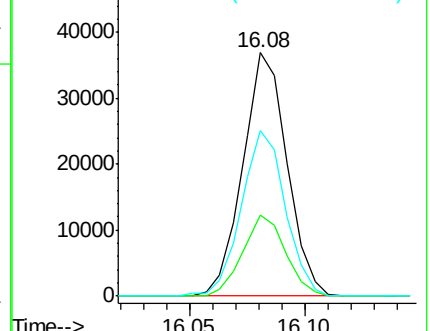
141 67.9 40.7 61.1#

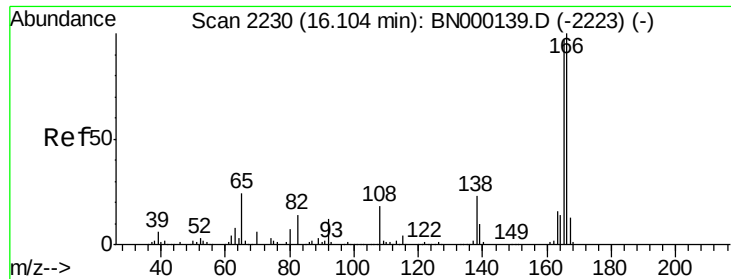


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

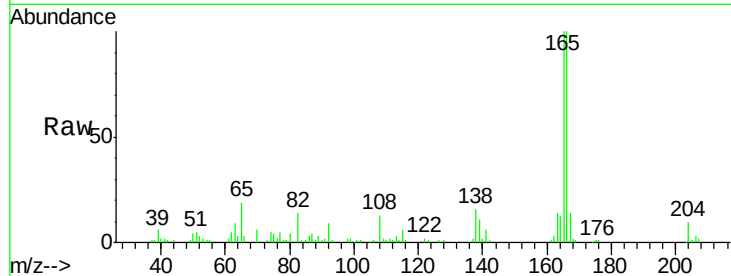




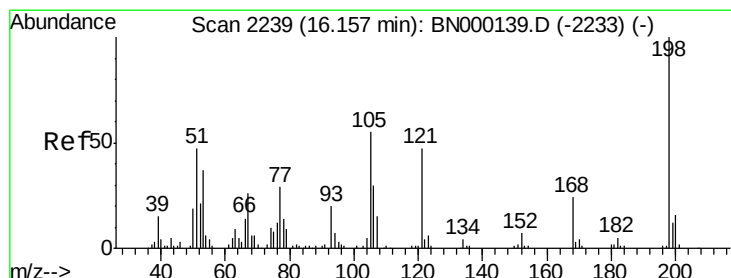
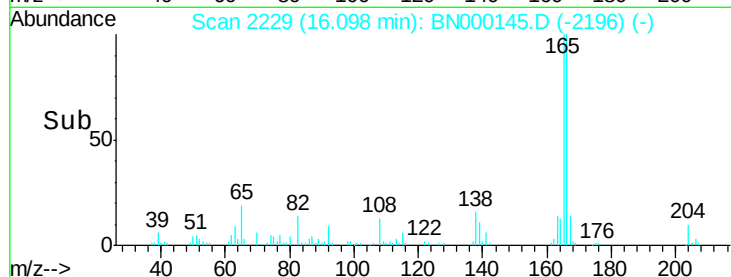
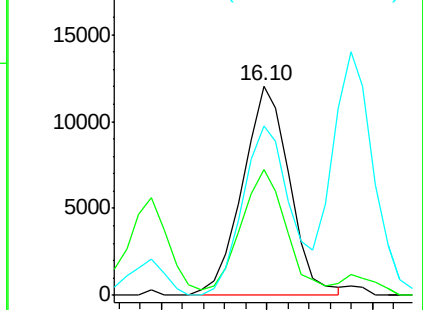
#61
4-Nitroaniline
Concen: 3.001 ng/ul
RT: 16.10 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BN000145.D
Acq: 21 Feb 2018 12:48

Instrument :
BNA_N
ClientSampleId :
MDL-S-03

Tgt Ion:138 Resp: 18602
Ion Ratio Lower Upper
138 100
92 60.3 38.2 57.4#
108 81.0 70.0 105.0

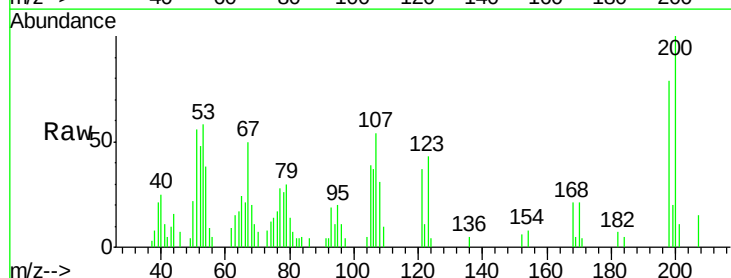


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BNO
Ion 108.00 (107.70 to 108.70): E

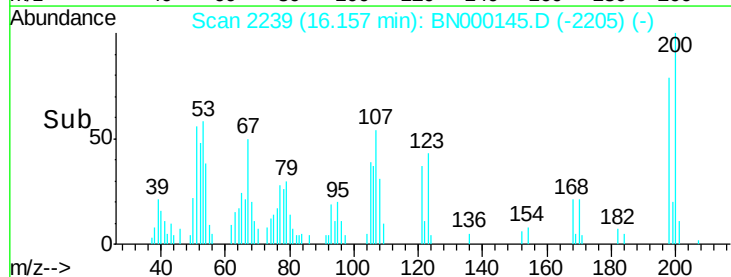
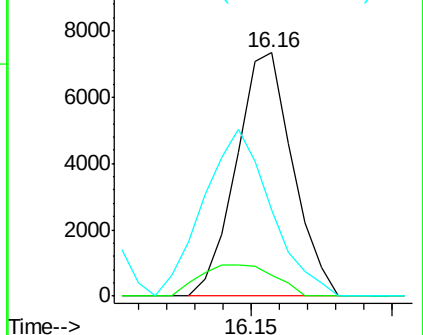


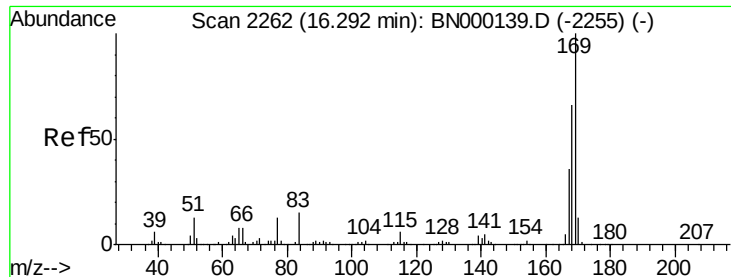
#64
4,6-Dinitro-2-methylphenol
Concen: 2.785 ng/ul
RT: 16.16 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BN000145.D
Acq: 21 Feb 2018 12:48

Tgt Ion:198 Resp: 10186
Ion Ratio Lower Upper
198 100
182 8.8 3.5 5.3#
77 35.5 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

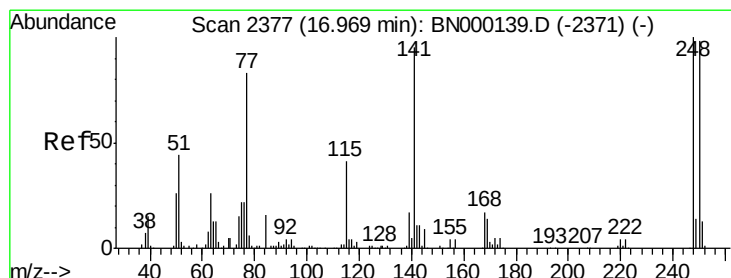
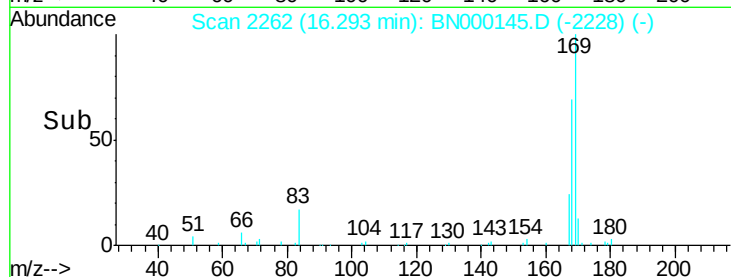
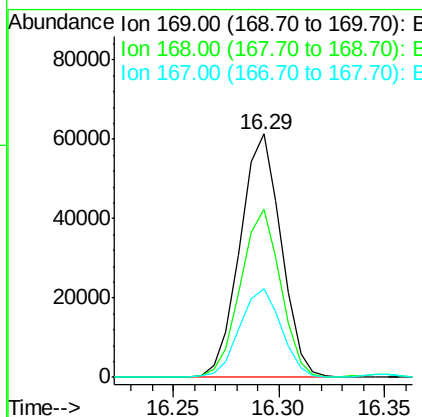
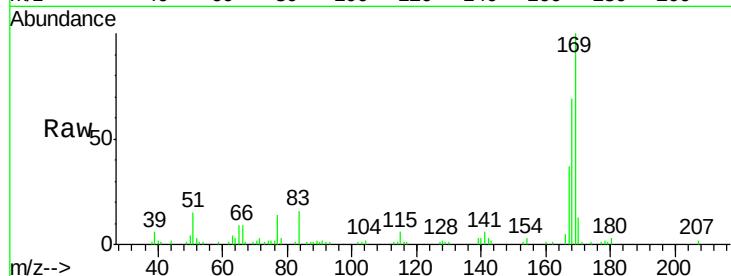




#65
N-Nitrosodiphenylamine
Concen: 3.544 ng/ul
RT: 16.29 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BN000145.D
Acq: 21 Feb 2018 12:48

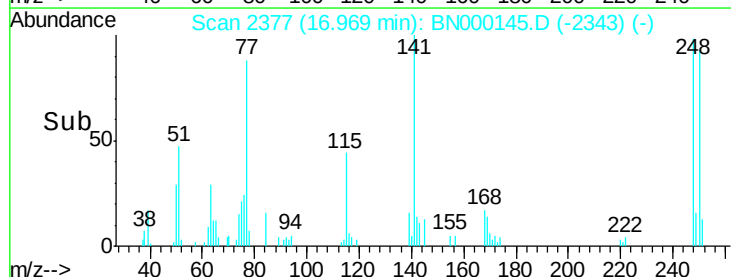
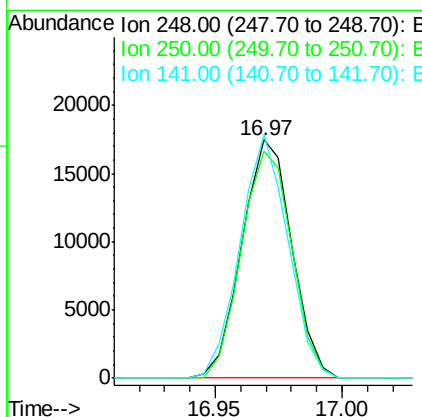
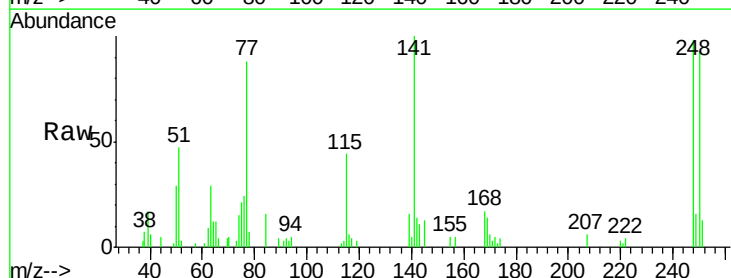
Instrument :
BNA_N
ClientSampleId :
MDL-S-03

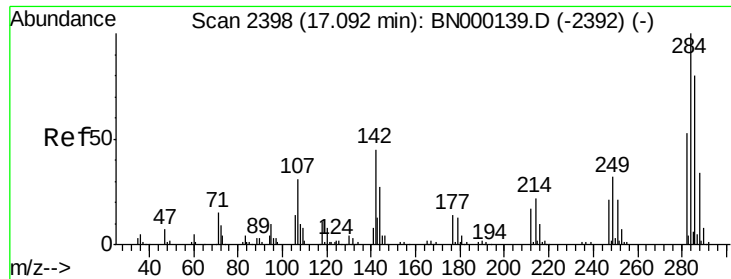
Tgt Ion:169 Resp: 82946
Ion Ratio Lower Upper
169 100
168 69.2 53.8 80.8
167 36.5 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 3.503 ng/ul
RT: 16.97 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BN000145.D
Acq: 21 Feb 2018 12:48

Tgt Ion:248 Resp: 23986
Ion Ratio Lower Upper
248 100
250 95.5 79.0 118.4
141 102.2 51.9 77.9#





#67

Hexachlorobenzene

Concen: 3.757 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. 0.00 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

Instrument :

BNA_N

ClientSampled :

MDL-S-03

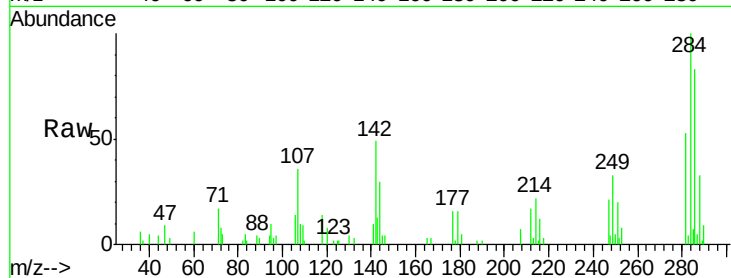
Tgt Ion:284 Resp: 28668

Ion Ratio Lower Upper

284 100

142 49.1 21.3 31.9#

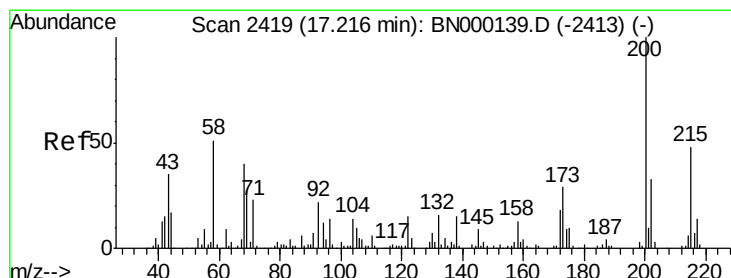
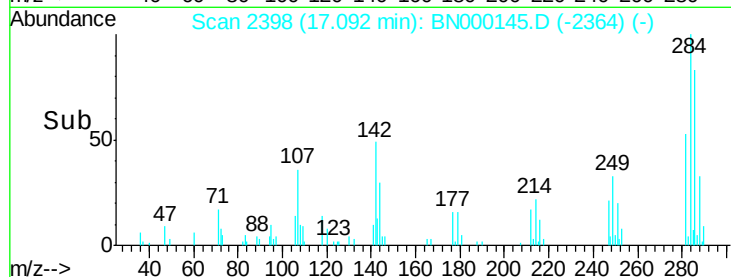
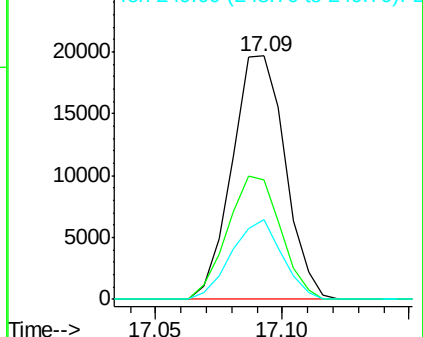
249 33.0 26.3 39.5



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: 2.565 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

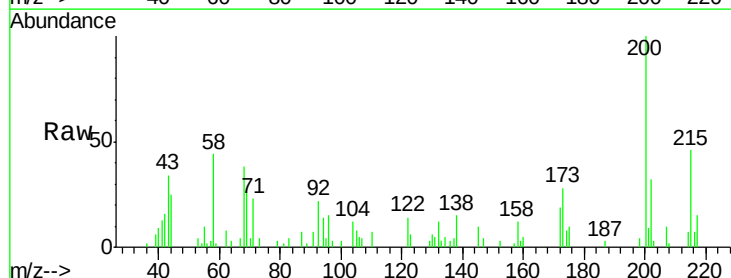
Tgt Ion:200 Resp: 18149

Ion Ratio Lower Upper

200 100

173 28.1 20.6 31.0

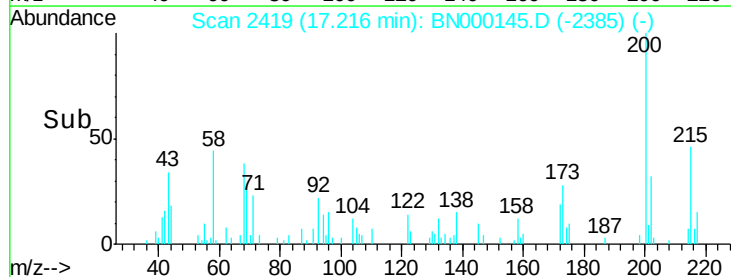
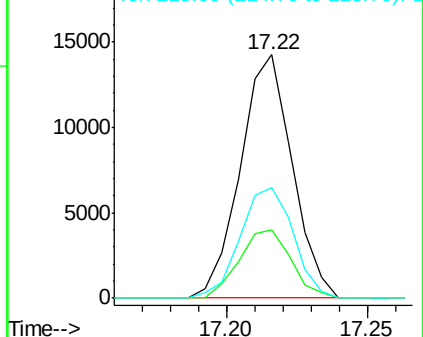
215 45.5 39.8 59.6

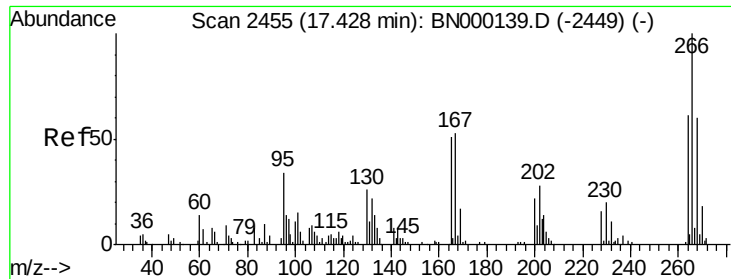


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

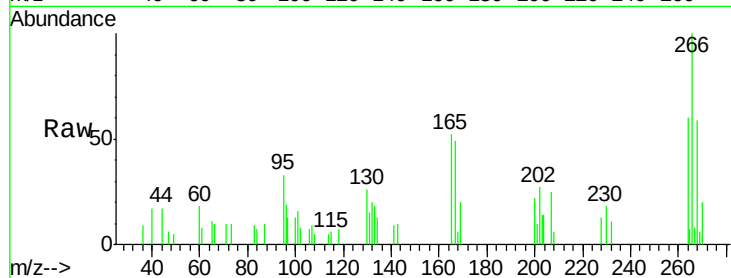




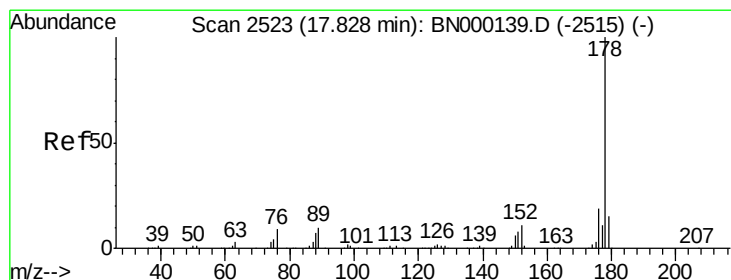
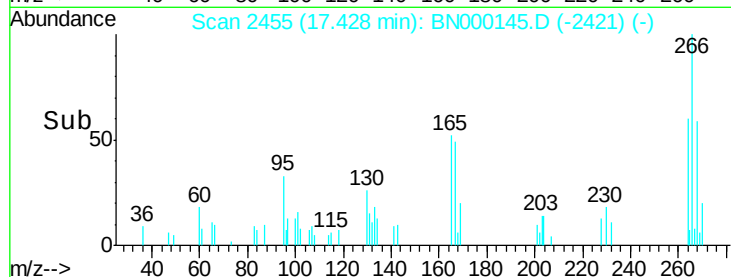
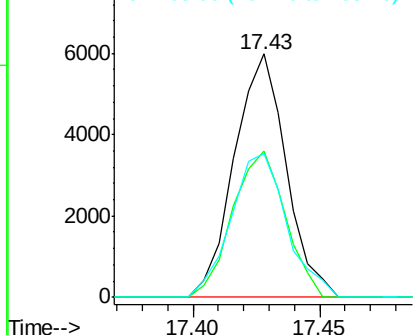
#69
 Pentachlorophenol
 Concen: 2.060 ng/ul
 RT: 17.43 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: BN000145.D
 Acq: 21 Feb 2018 12:48

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

Tgt Ion:266 Resp: 8528
 Ion Ratio Lower Upper
 266 100
 264 60.2 48.2 72.4
 268 59.3 52.3 78.5

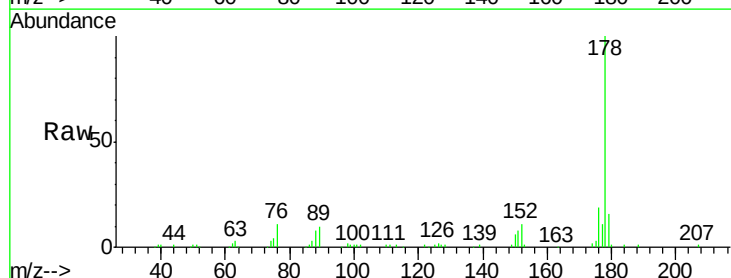


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

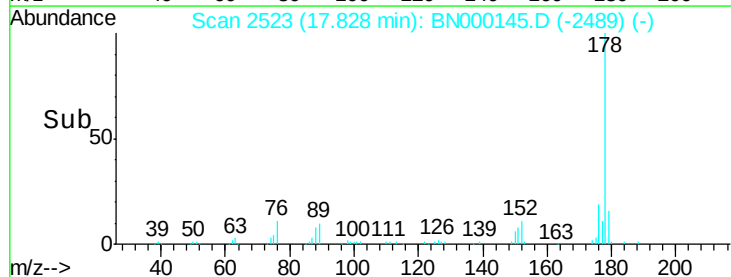
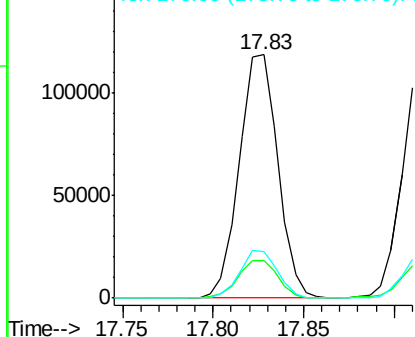


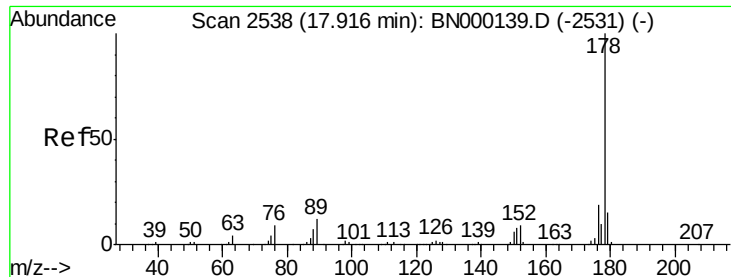
#70
 Phenanthrene
 Concen: 4.010 ng/ul
 RT: 17.83 min Scan# 2523
 Delta R.T. 0.00 min
 Lab File: BN000145.D
 Acq: 21 Feb 2018 12:48

Tgt Ion:178 Resp: 176544
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.3 18.5
 176 19.0 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: 4.021 ng/uL

RT: 17.92 min Scan# 2538

Delta R.T. 0.00 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

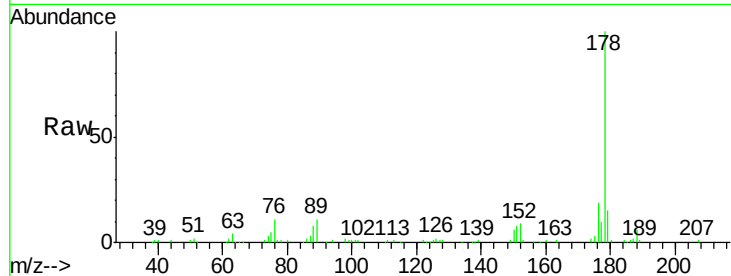
Tgt Ion:178 Resp: 180305

Ion Ratio Lower Upper

178 100

179 15.1 13.4 20.2

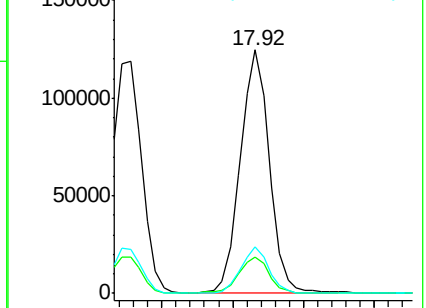
176 19.0 15.4 23.0



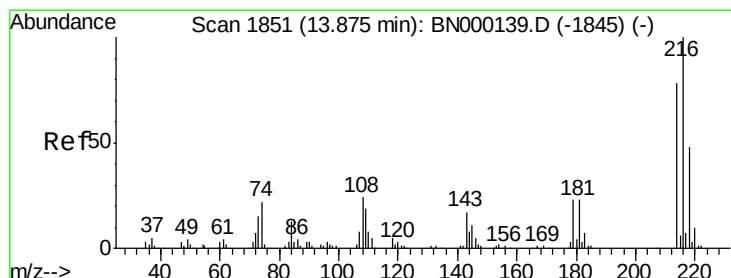
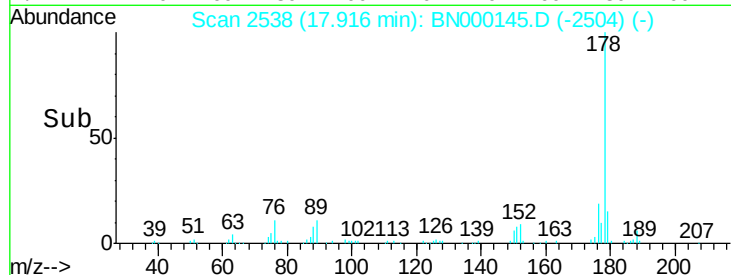
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#73

1,2,3,4-Tetrachlorobenzene

Concen: 3.740 ng/uL

RT: 13.87 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

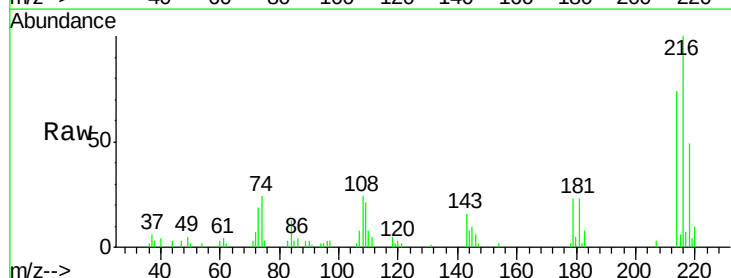
Tgt Ion:216 Resp: 37192

Ion Ratio Lower Upper

216 100

214 74.2 64.1 96.1

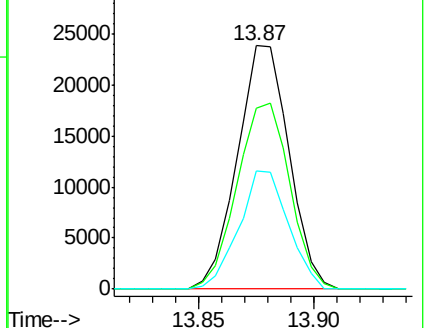
218 48.8 39.4 59.0



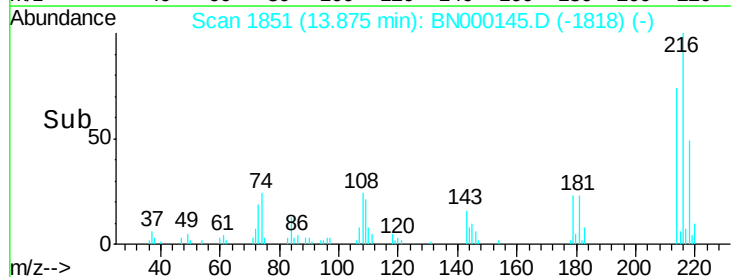
Abundance Ion 216.00 (215.70 to 216.70): E

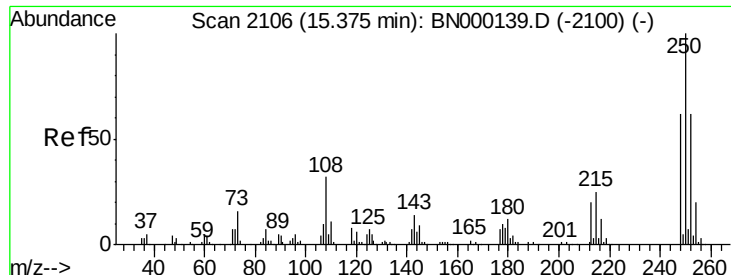
Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



Time-->

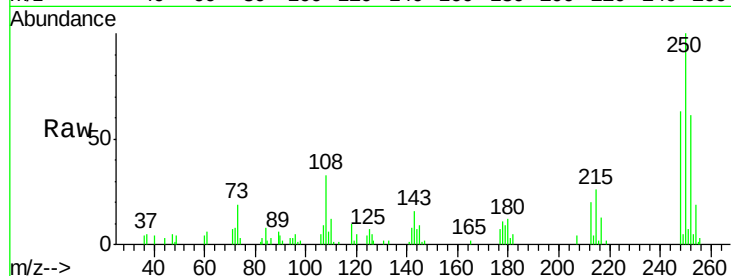




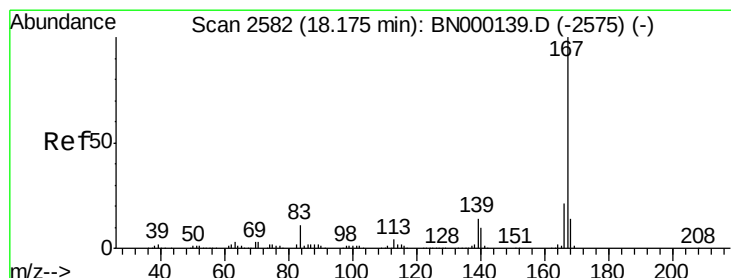
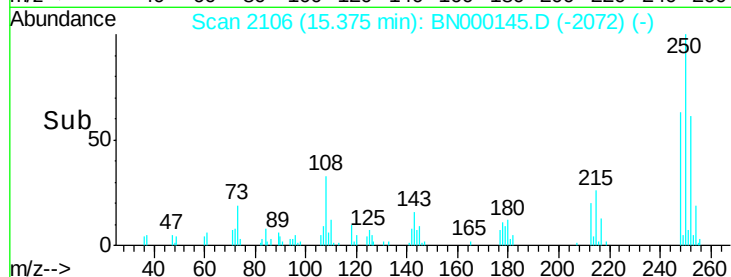
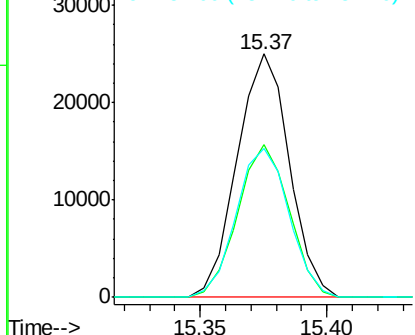
#74
 Pentachlorobenzene
 Concen: 3.766 ng/uL
 RT: 15.37 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: BN000145.D
 Acq: 21 Feb 2018 12:48

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

Tgt Ion:250 Resp: 35845
 Ion Ratio Lower Upper
 250 100
 248 62.9 51.4 77.2
 252 61.2 49.8 74.6

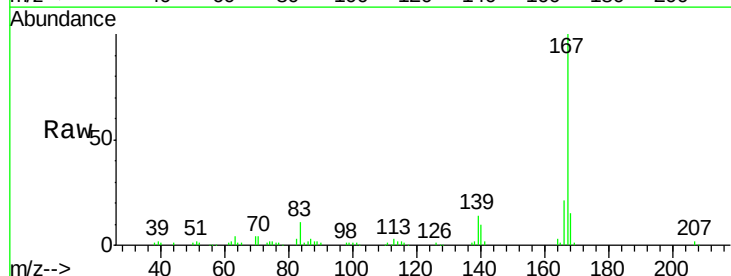


Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E

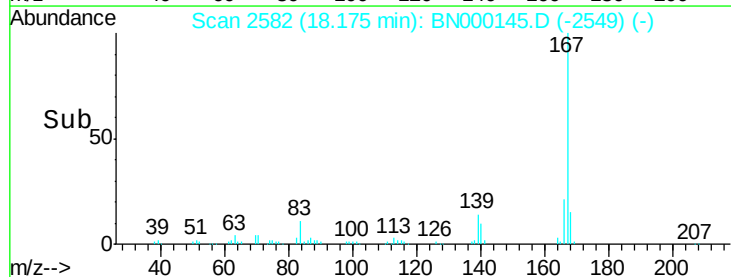
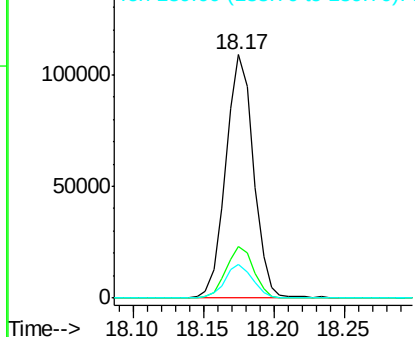


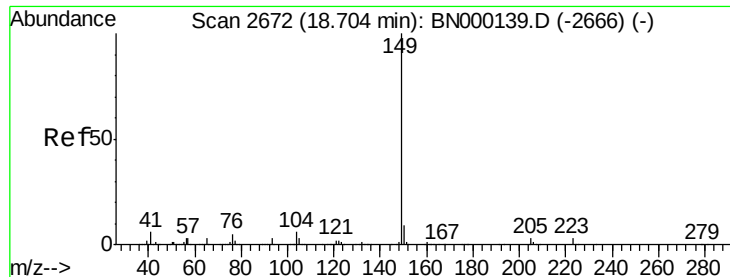
#75
 Carbazole
 Concen: 3.707 ng/uL
 RT: 18.17 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: BN000145.D
 Acq: 21 Feb 2018 12:48

Tgt Ion:167 Resp: 148934
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 14.1 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: 2.663 ng/ul

RT: 18.70 min Scan# 2672

Delta R.T. 0.00 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

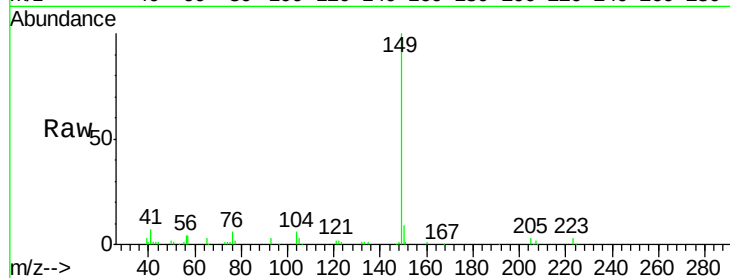
Tgt Ion:149 Resp: 116072

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

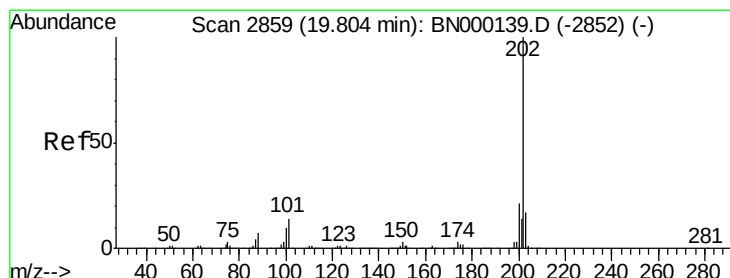
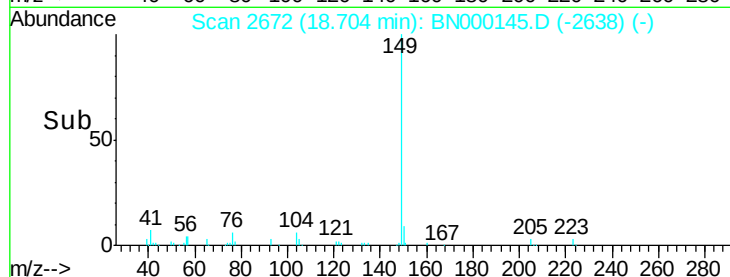
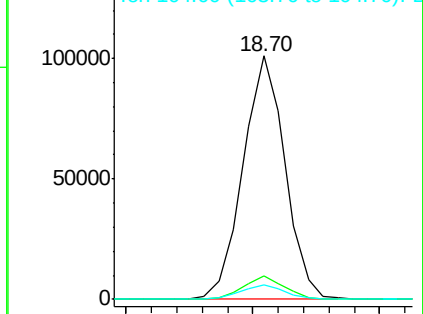
104 6.0 4.1 6.1



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: 3.792 ng/ul

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

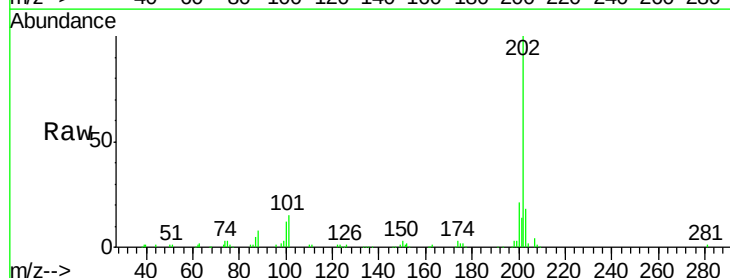
Tgt Ion:202 Resp: 174784

Ion Ratio Lower Upper

202 100

101 15.2 6.1 9.1#

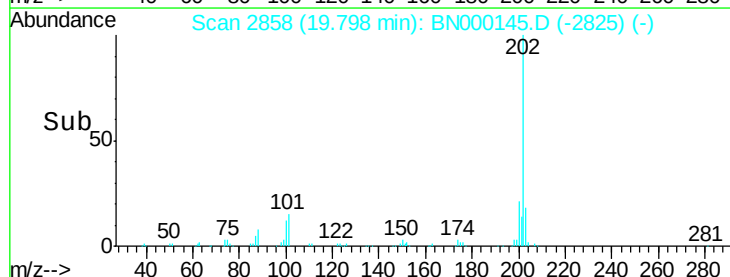
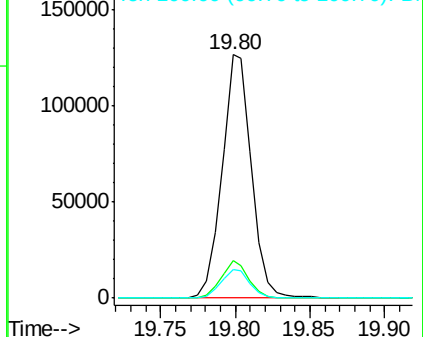
100 11.7 4.6 7.0#

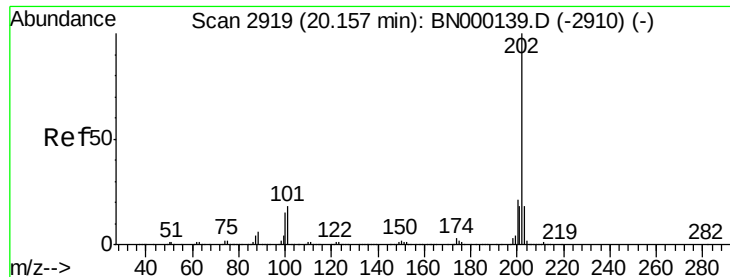


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pyrene

Concen: 3.798 ng/ul

RT: 20.16 min Scan# 2919

Delta R.T. -0.01 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

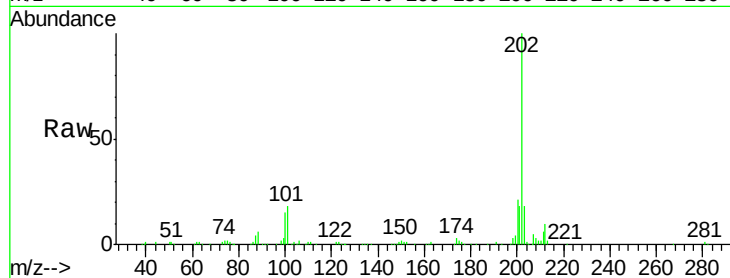
Tgt Ion: 202 Resp: 211547

Ion Ratio Lower Upper

202 100

101 18.1 6.9 10.3#

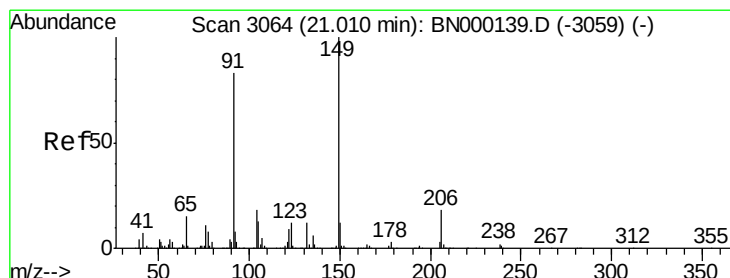
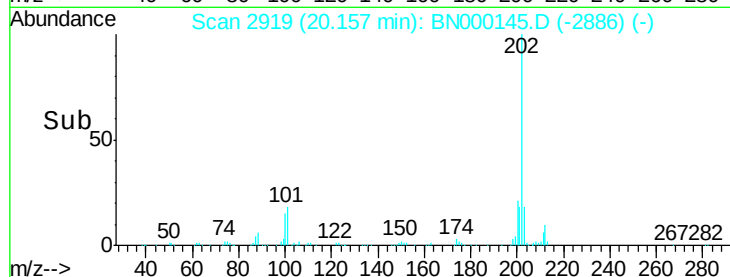
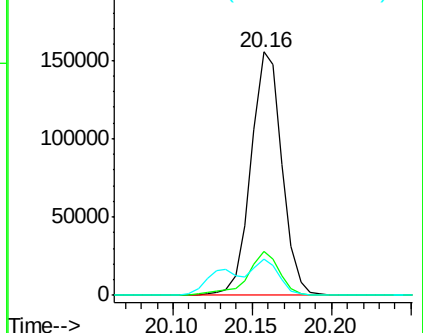
100 15.1 5.6 8.4#



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



#81

Butylbenzylphthalate

Concen: 2.106 ng/ul

RT: 21.01 min Scan# 3064

Delta R.T. -0.01 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

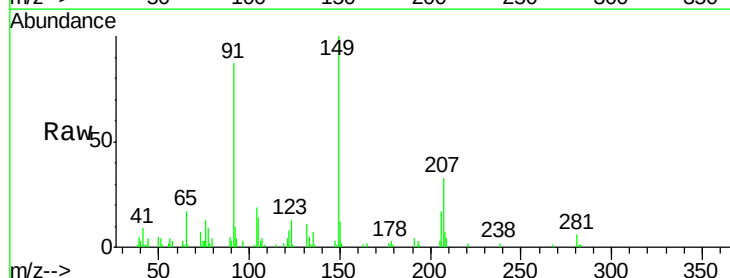
Tgt Ion: 149 Resp: 45395

Ion Ratio Lower Upper

149 100

91 86.6 53.4 80.0#

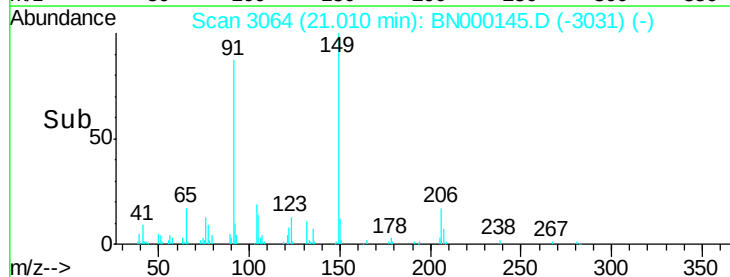
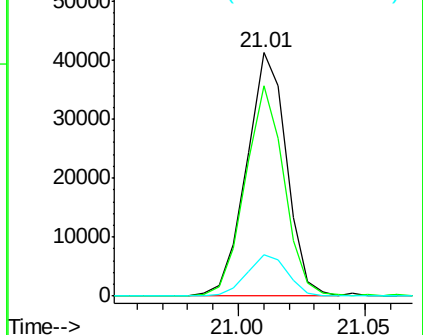
206 16.8 19.3 28.9#

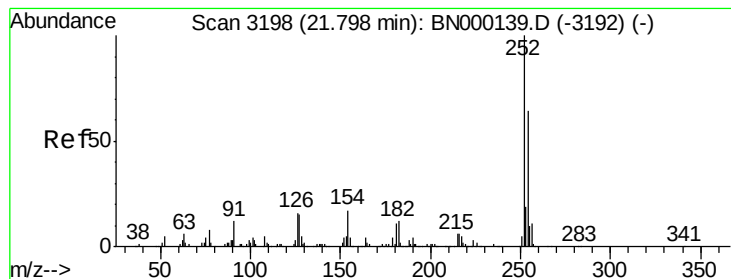


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 2.685 ng/ul

RT: 21.80 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

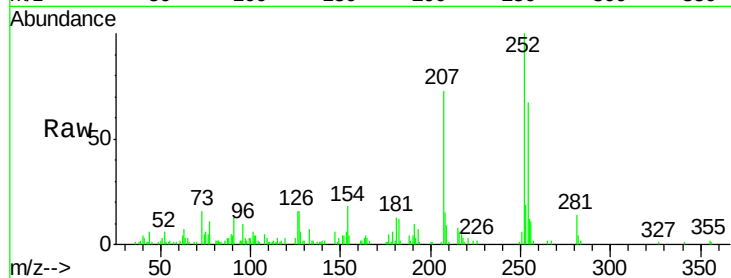
Tgt Ion:252 Resp: 42783

Ion Ratio Lower Upper

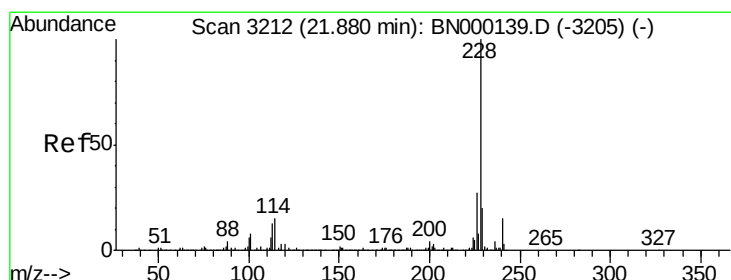
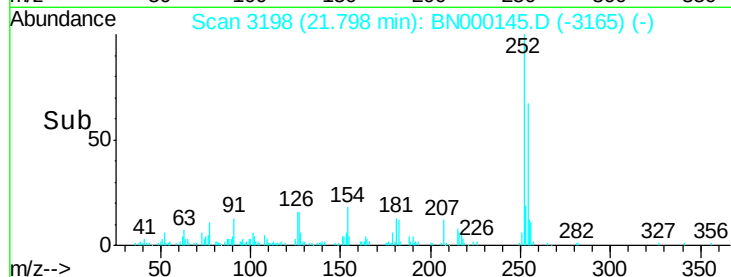
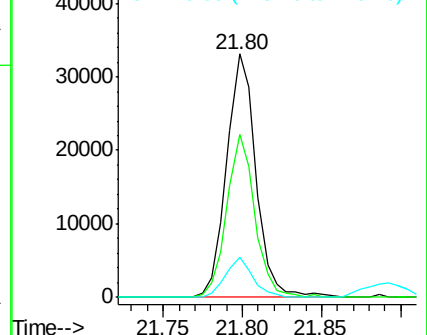
252 100

254 66.7 52.8 79.2

126 16.4 6.9 10.3#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 3.681 ng/ul

RT: 21.88 min Scan# 3212

Delta R.T. 0.00 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

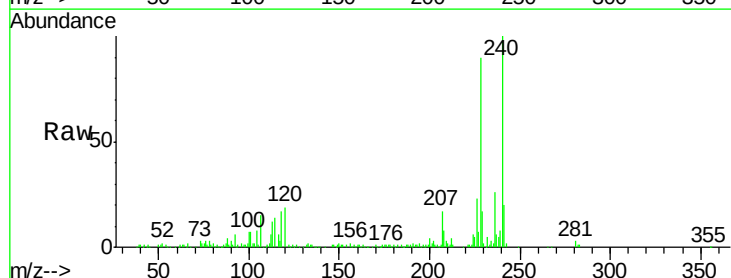
Tgt Ion:228 Resp: 200963

Ion Ratio Lower Upper

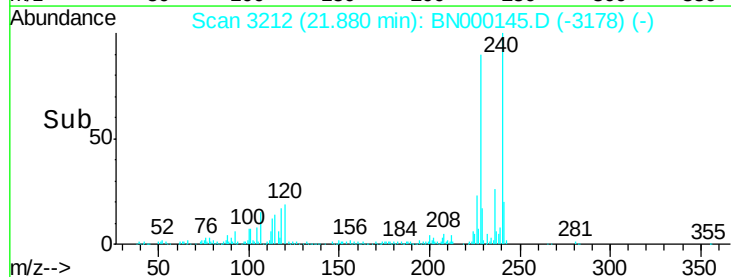
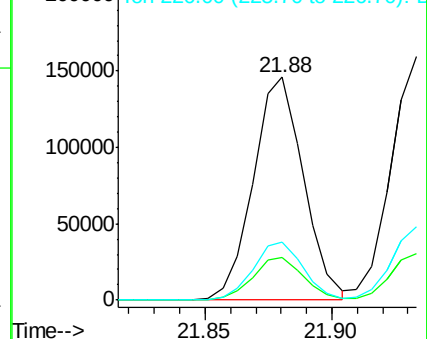
228 100

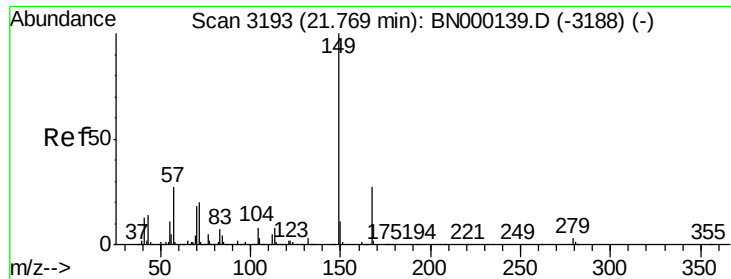
229 19.1 16.0 24.0

226 25.9 21.8 32.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.003 ng/ul

RT: 21.77 min Scan# 3193

Delta R.T. -0.01 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

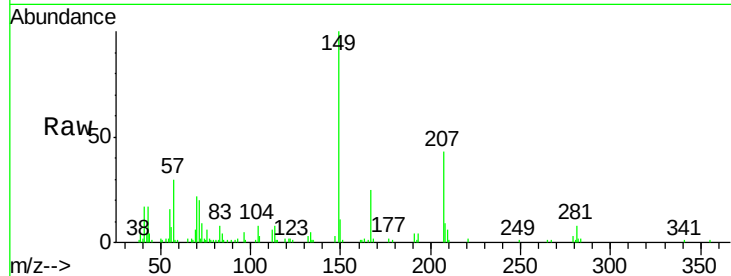
Tgt Ion:149 Resp: 64865

Ion Ratio Lower Upper

149 100

167 25.2 23.0 34.6

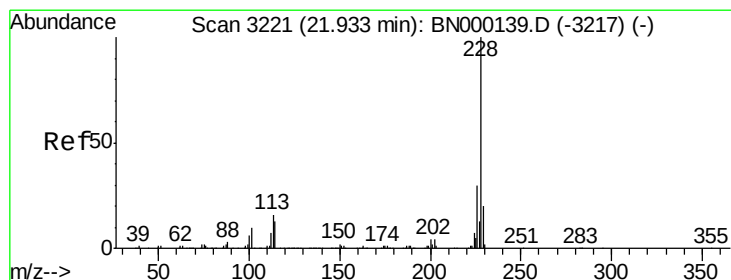
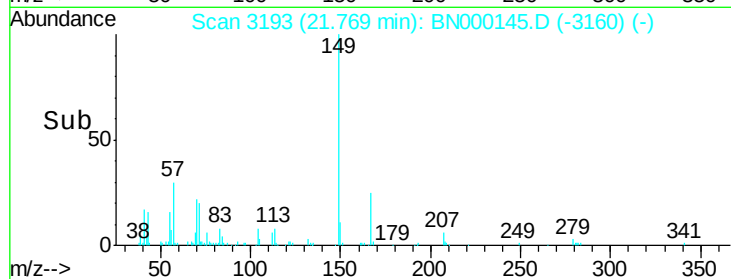
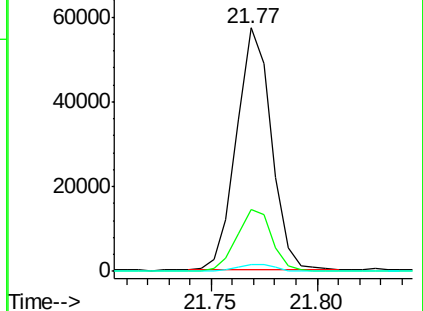
279 2.7 4.3 6.5#



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: 4.000 ng/ul

RT: 21.93 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

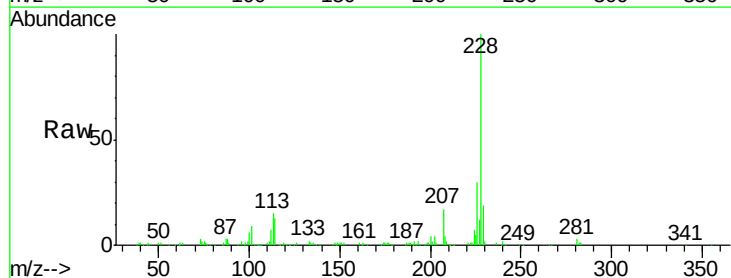
Tgt Ion:228 Resp: 211119

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

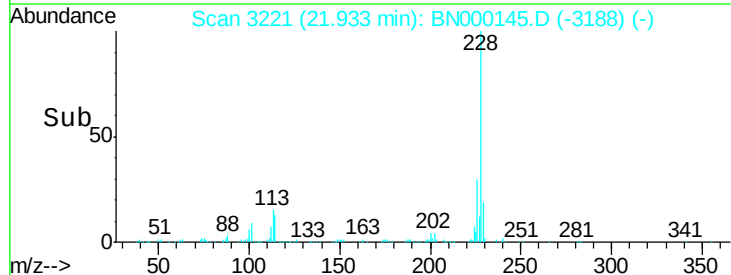
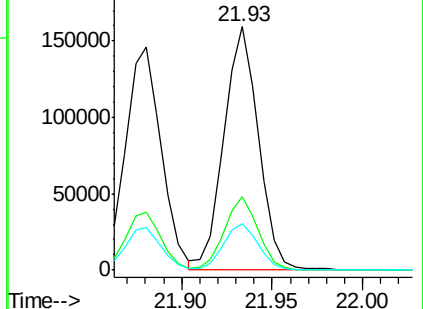
229 19.3 16.0 24.0

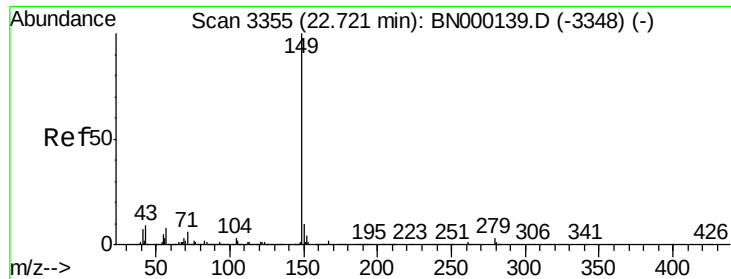


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

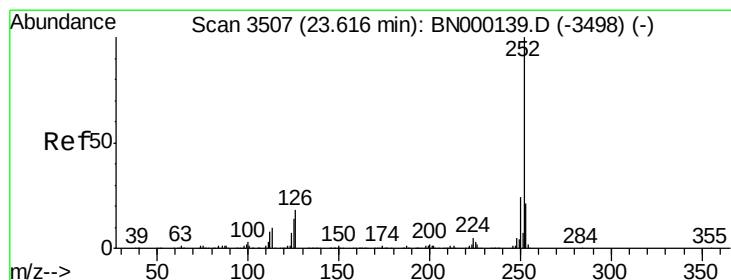
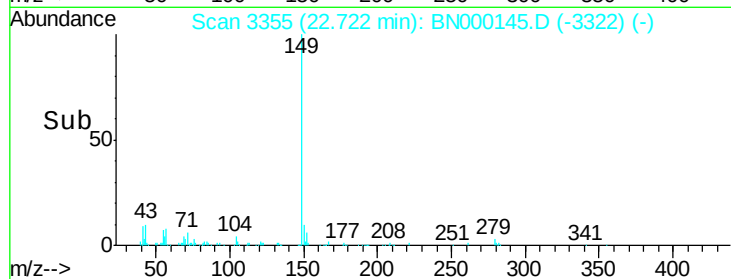
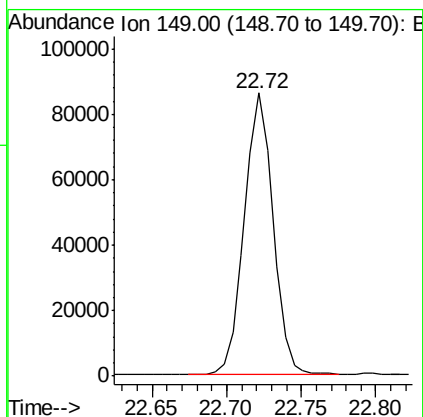
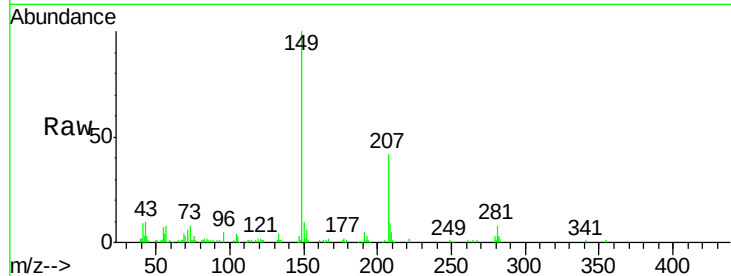




#87
 Di-n-octyl phthalate
 Concen: 1.932 ng/ul
 RT: 22.72 min Scan# 3355
 Delta R.T. -0.01 min
 Lab File: BN000145.D
 Acq: 21 Feb 2018 12:48

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

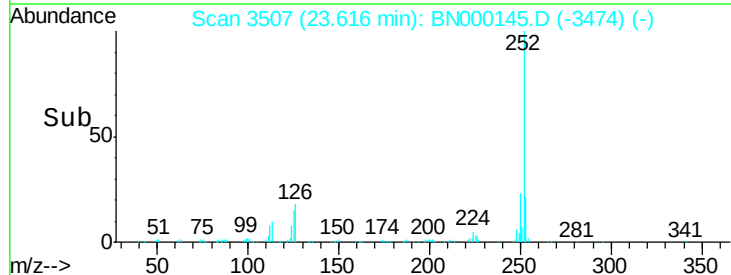
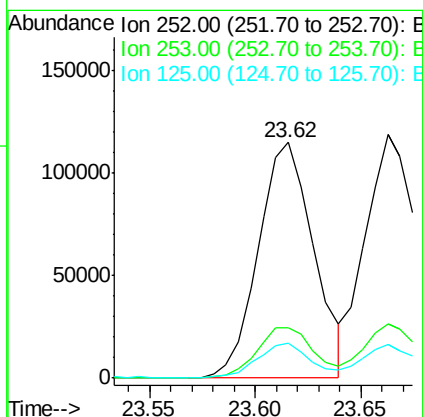
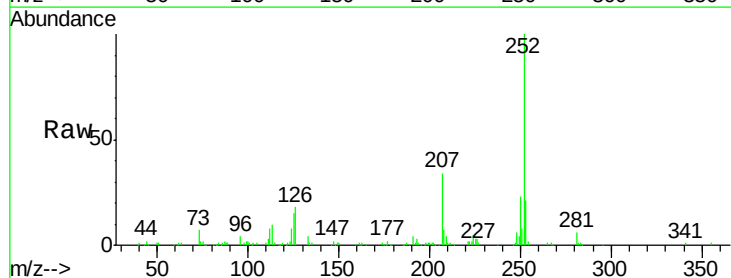
Tgt Ion:149 Resp: 115321

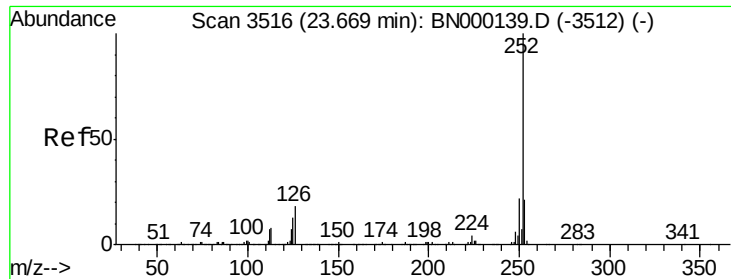


#88
 Benzo(b)fluoranthene
 Concen: 3.691 ng/ul
 RT: 23.62 min Scan# 3507
 Delta R.T. -0.01 min
 Lab File: BN000145.D
 Acq: 21 Feb 2018 12:48

Tgt Ion:252 Resp: 209633

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	14.6	4.9	7.3#





#89

Benzo(k)fluoranthene

Concen: 3.686 ng/ul

RT: 23.66 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

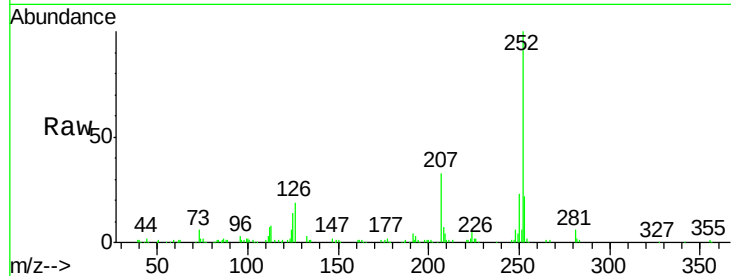
Tgt Ion:252 Resp: 206567

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

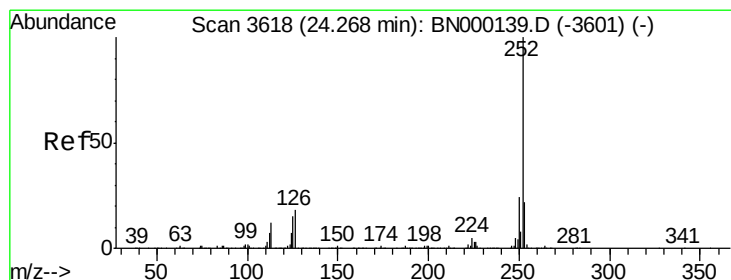
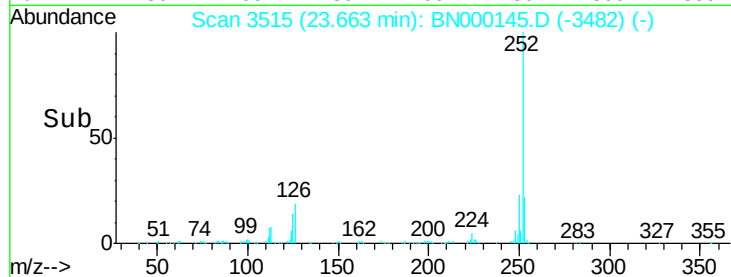
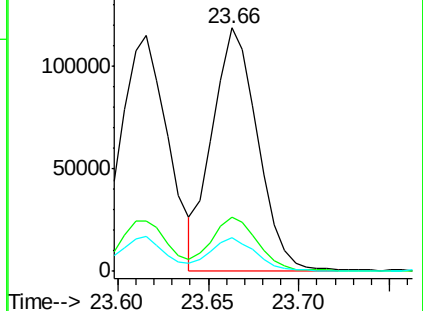
125 14.0 5.4 8.0#



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: 3.938 ng/ul

RT: 24.26 min Scan# 3617

Delta R.T. -0.01 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

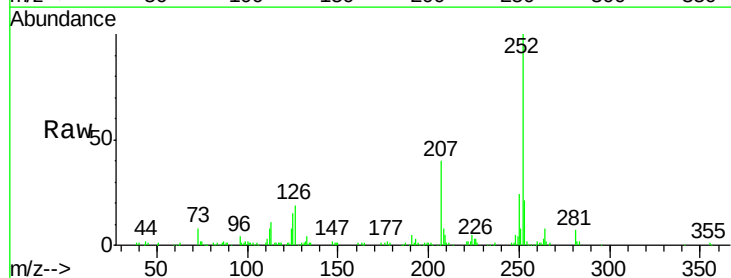
Tgt Ion:252 Resp: 222999

Ion Ratio Lower Upper

252 100

253 21.2 17.2 25.8

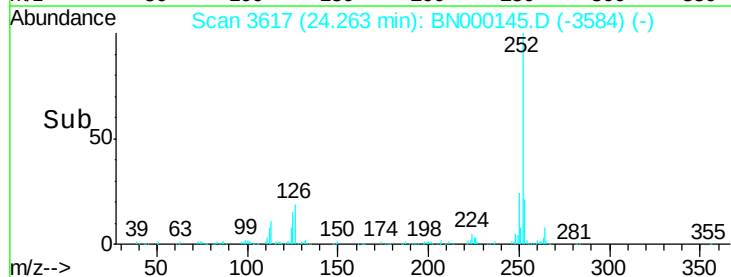
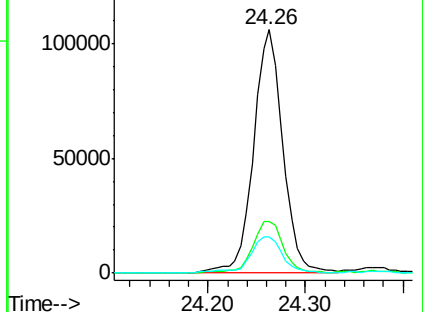
125 15.1 5.8 8.6#

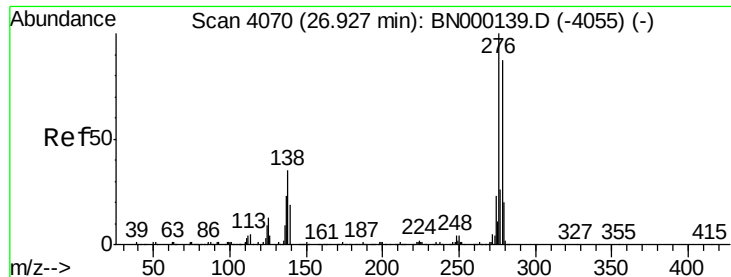


Abundance Ion 252.00 (251.70 to 252.70): E

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: 3.602 ng/ul

RT: 26.92 min Scan# 4068

Delta R.T. -0.01 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

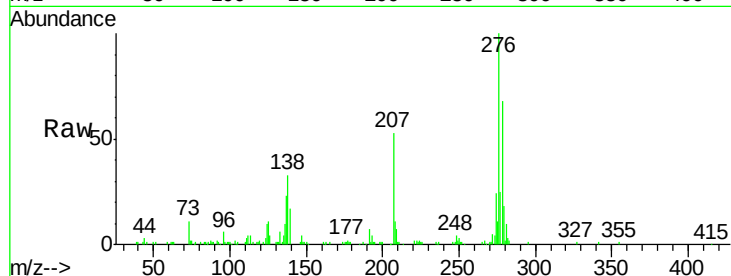
Tgt Ion:276 Resp: 238480

Ion Ratio Lower Upper

276 100

138 33.3 10.9 16.3#

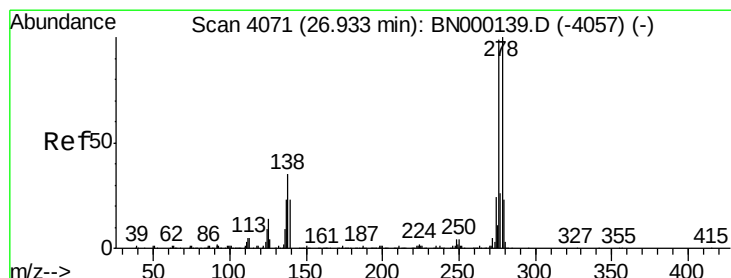
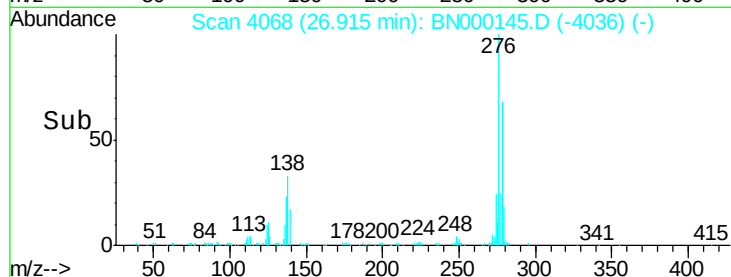
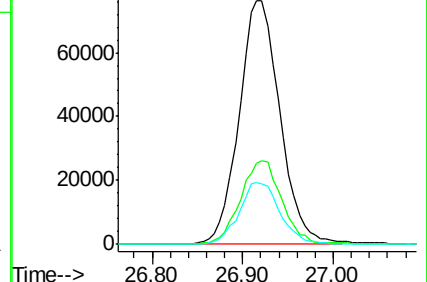
277 25.2 18.9 28.3



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: 3.635 ng/ul

RT: 26.93 min Scan# 4070

Delta R.T. -0.01 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

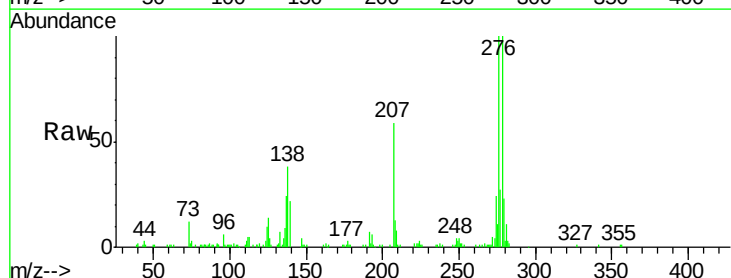
Tgt Ion:278 Resp: 200594

Ion Ratio Lower Upper

278 100

139 22.2 9.0 13.4#

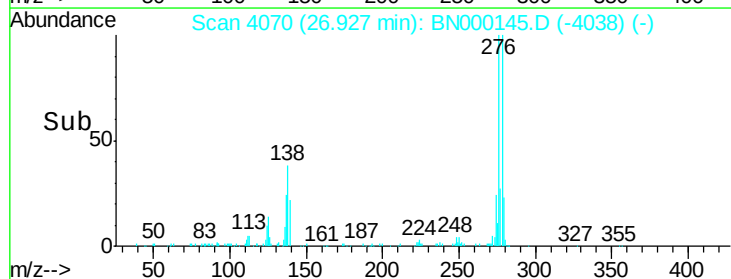
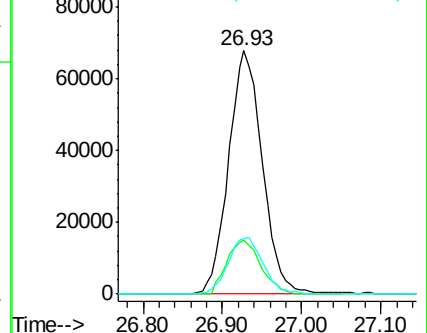
279 23.0 19.1 28.7

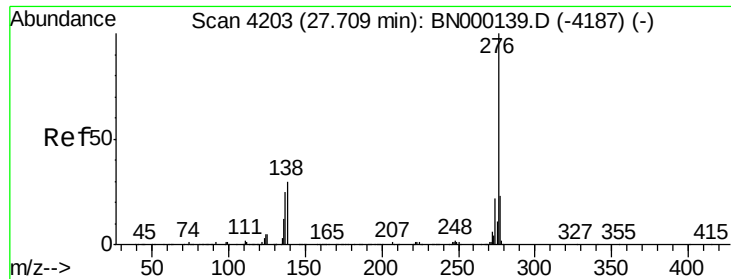


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.654 ng/ul

RT: 27.70 min Scan# 4202

Delta R.T. -0.01 min

Lab File: BN000145.D

Acq: 21 Feb 2018 12:48

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

Tgt Ion: 276 Resp: 201842

Ion Ratio Lower Upper

276 100

138 31.1 11.2 16.8#

277 23.8 19.0 28.6

