

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022218\
 Data File : BN000158.D
 Acq On : 22 Feb 2018 12:57
 Operator : JU/SJ
 Sample : MDL-S-04
 Misc : 1 PPM/4 PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-04

Quant Time: Feb 22 14:07:01 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN022018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 22 11:03:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	128996	20.00	ng/ul	0.00
18) Naphthalene-d8	11.29	136	640452	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.06	164	373697	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.79	188	817598	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	911341	20.00	ng/ul	0.00
86) Perylene-d12	24.38	264	1004777	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	14241	4.58	ng/uL	0.00
5) Phenol-d5	7.57	99	344407	26.36	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.75	67	221888	30.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.97	132	251580	28.18	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	283886	26.95	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	118203	28.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	106712	26.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.89	165	233842	26.31	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.42	131	410575	41.37	ng/ul	0.00
44) Dimethylphthalate-d6	14.45	166	816561	28.73	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	1044919	28.61	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	123404	21.86	ng/ul	0.00
58) Fluorene-d10	16.04	176	740926	29.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.14	200	71299	19.43	ng/ul	0.00
71) Anthracene-d10	17.88	188	1126545	29.36	ng/ul	0.00
79) Pyrene-d10	20.13	212	1229892	28.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.22	264	1357541	29.81	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.65	88	3653	1.066	ng/uL 91
4) Benzaldehyde	7.56	77	23568	5.490	ng/ul 91
6) Phenol	7.60	94	48786	3.534	ng/ul 93
8) Bis(2-Chloroethyl)ether	7.85	93	40904	3.916	ng/ul 98
10) 2-Chlorophenol	8.00	128	34955	3.695	ng/ul 94
11) 2-Methylphenol	8.88	108	30017	2.994	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.98	45	44466	3.930	ng/ul# 93
14) Acetophenone	9.28	105	58574	3.540	ng/ul 98
15) N-Nitroso-di-n-propylamine	9.25	70	24073	3.222	ng/ul# 90
16) 4-Methylphenol	9.20	108	38356	3.414	ng/ul 93
17) Hexachloroethane	9.56	117	12914	3.572	ng/ul# 64
20) Nitrobenzene	9.67	77	44642	3.832	ng/ul 99
21) Isophorone	10.19	82	64883	2.946	ng/ul 99
23) 2-Nitrophenol	10.39	139	15653	3.338	ng/ul 92
24) 2,4-Dimethylphenol	10.43	107	41335	3.392	ng/ul 98
25) Bis(2-Chloroethoxy)methane	10.67	93	54333	3.613	ng/ul 98
27) 2,4-Dichlorophenol	10.92	162	32681	3.642	ng/ul# 91
28) Naphthalene	11.34	128	131750	3.890	ng/ul 98
30) 4-Chloroaniline	11.43	127	34572	3.339	ng/ul 97
31) Hexachlorobutadiene	11.62	225	17509	3.684	ng/ul 93
32) Caprolactam	12.16	113	9247	2.718	ng/ul# 74
33) 4-Chloro-3-methylphenol	12.52	107	30448	2.764	ng/ul 99
34) 2-Methylnaphthalene	12.92	142	87514	3.708	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.13	142	87011	3.674	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	13.27	216	39500	3.856	ng/ul#	93
38) Hexachlorocyclopentadiene	13.26	237	12822	2.586	ng/ul	94
39) 2,4,6-Trichlorophenol	13.50	196	16738	2.592	ng/ul	99
40) 2,4,5-Trichlorophenol	13.57	196	18577	2.676	ng/ul	95
41) 1,1'-Biphenyl	13.90	154	117033	3.823	ng/ul#	96
42) 2-Chloronaphthalene	13.95	162	89083	3.789	ng/ul	96
43) 2-Nitroaniline	14.14	65	14714	2.444	ng/ul	98
45) Dimethylphthalate	14.50	163	107362	3.719	ng/ul	98
46) 2,6-Dinitrotoluene	14.62	165	11742	2.434	ng/ul#	76
48) Acenaphthylene	14.79	152	143318	3.867	ng/ul	98
49) 3-Nitroaniline	14.95	138	12456	2.158	ng/ul#	74
50) Acenaphthene	15.13	153	99861	3.821	ng/ul	99
51) 2,4-Dinitrophenol	15.15	184	3882	1.735	ng/ul#	21
53) 4-Nitrophenol	15.23	109	15375	3.229	ng/ul#	75
54) Dibenzofuran	15.45	168	143609	3.958	ng/ul	99
55) 2,4-Dinitrotoluene	15.40	165	20181	2.705	ng/ul#	76
56) 2,3,4,6-Tetrachlorophenol	15.67	232	14897	2.660	ng/ul	93
57) Diethylphthalate	15.84	149	95884	3.297	ng/ul	95
59) Fluorene	16.10	166	115305	3.959	ng/ul	100
60) 4-Chlorophenyl-phenylether	16.08	204	51718	3.931	ng/ul#	83
61) 4-Nitroaniline	16.10	138	18715	2.710	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	16.15	198	11086	2.790	ng/ul#	42
65) N-Nitrosodiphenylamine	16.29	169	89227	3.509	ng/ul	96
66) 4-Bromophenyl-phenylether	16.97	248	24787	3.332	ng/ul#	79
67) Hexachlorobenzene	17.09	284	30027	3.622	ng/ul#	82
68) Atrazine	17.22	200	18930	2.463	ng/ul	96
69) Pentachlorophenol	17.43	266	8748	1.945	ng/ul#	86
70) Phenanthrene	17.83	178	184697	3.861	ng/ul	99
72) Anthracene	17.92	178	187353	3.846	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.87	216	39844	3.688	ng/uL	97
74) Pentachlorobenzene	15.37	250	38638	3.737	ng/uL	96
75) Carbazole	18.17	167	150274	3.443	ng/ul#	97
76) Di-n-butylphthalate	18.70	149	120386	2.542	ng/ul#	99
77) Fluoranthene	19.80	202	174034	3.475	ng/ul#	82
80) Pyrene	20.16	202	218962	3.817	ng/ul#	75
81) Butylbenzylphthalate	21.02	149	43439	1.957	ng/ul#	84
82) 3,3'-Dichlorobenzidine	21.80	252	34668	2.113	ng/ul#	94
83) Benzo(a)anthracene	21.88	228	201114	3.577	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.77	149	63302	1.898	ng/ul#	95
85) Chrysene	21.94	228	213045	3.920	ng/ul	99
87) Di-n-octyl phthalate	22.73	149	107272	1.750	ng/ul	100
88) Benzo(b)fluoranthene	23.62	252	208447	3.573	ng/ul#	95
89) Benzo(k)fluoranthene	23.67	252	208466	3.621	ng/ul#	92
91) Benzo(a)pyrene	24.27	252	220871	3.796	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	26.92	276	237047	3.485	ng/ul#	81
93) Dibenzo(a,h)anthracene	26.94	278	200181	3.531	ng/ul#	90
94) Benzo(g,h,i)perylene	27.71	276	204037	3.596	ng/ul#	85

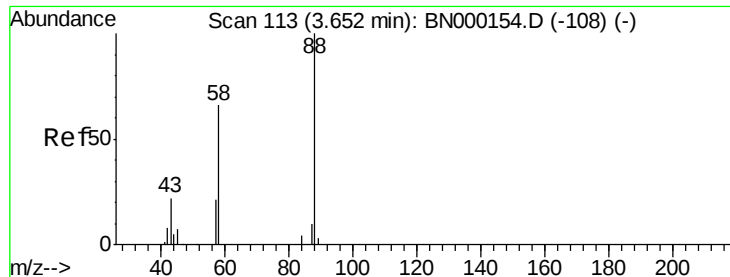
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 1.066 ng/uL

RT: 3.65 min Scan# 112

Delta R.T. -0.01 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

Instrument :

BNA_N

ClientSampled :

MDL-S-04

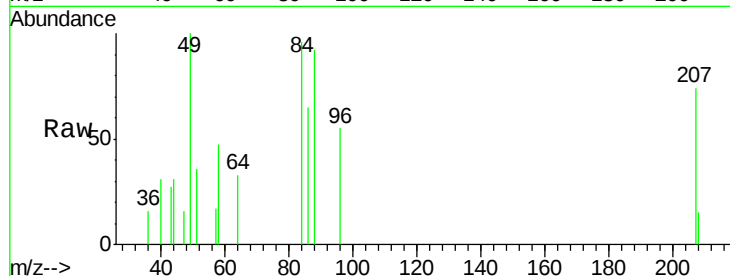
Tgt Ion: 88 Resp: 3653

Ion Ratio Lower Upper

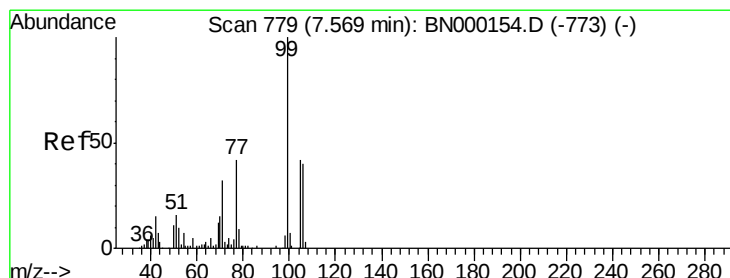
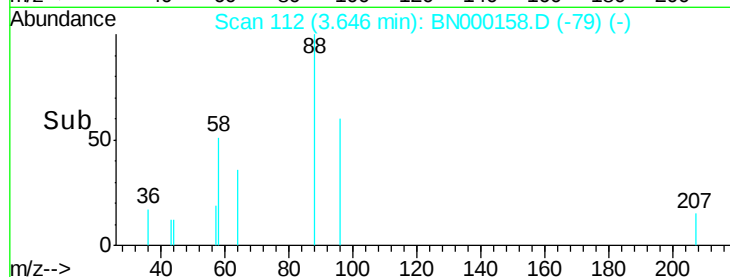
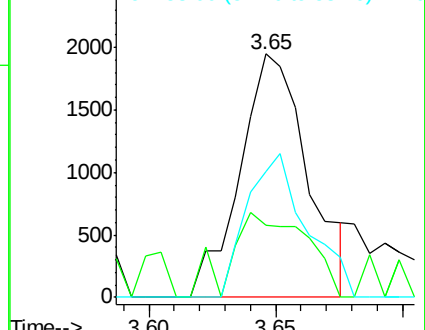
88 100

43 29.8 29.0 43.4

58 51.5 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: 5.490 ng/uL

RT: 7.56 min Scan# 778

Delta R.T. -0.01 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

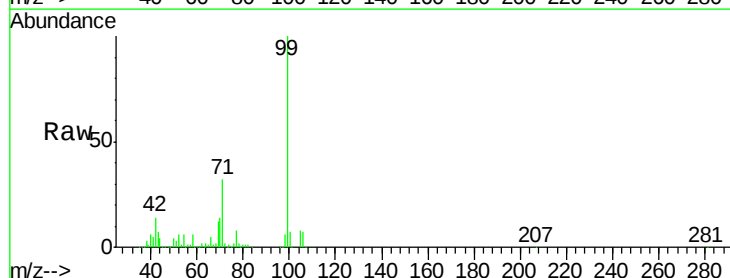
Tgt Ion: 77 Resp: 23568

Ion Ratio Lower Upper

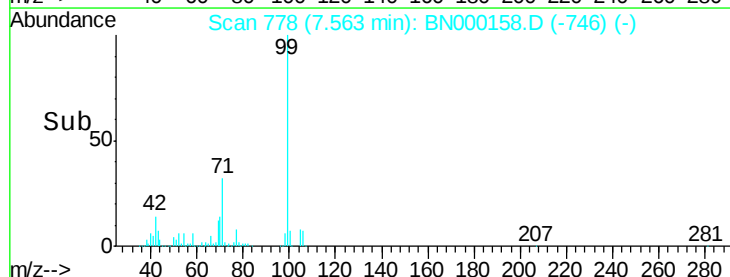
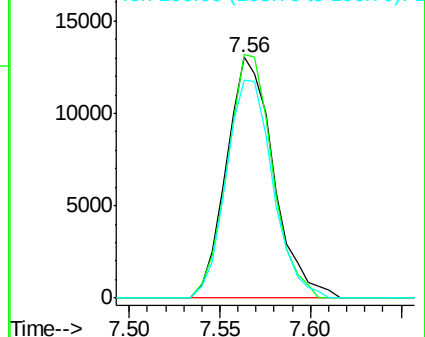
77 100

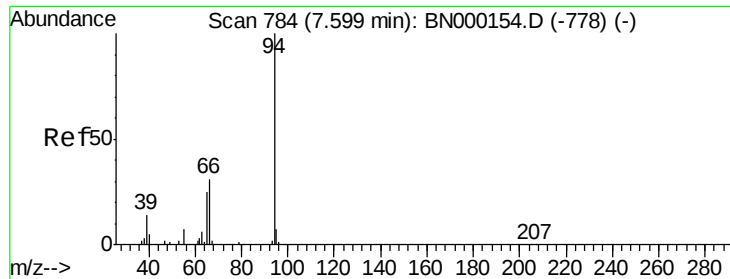
105 101.3 71.0 106.6

106 90.6 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: 3.534 ng/ul

RT: 7.60 min Scan# 784

Delta R.T. -0.01 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

Instrument :

BNA_N

ClientSampleId :

MDL-S-04

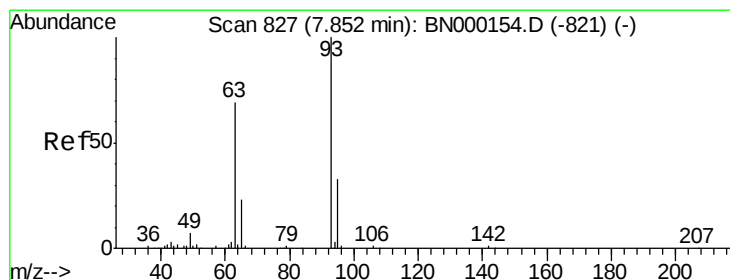
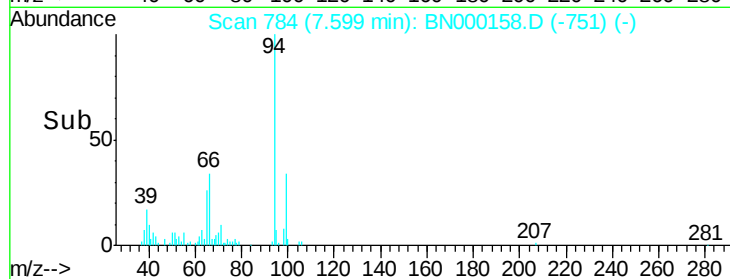
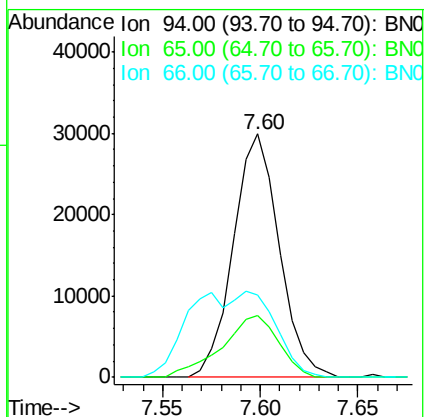
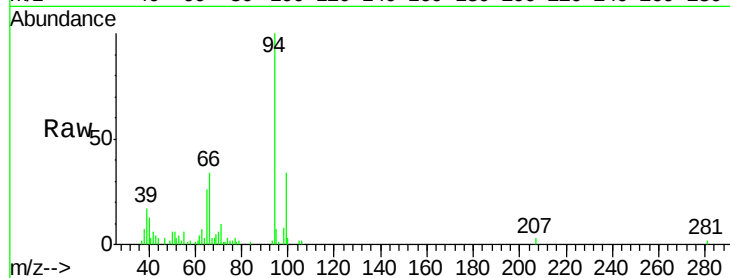
Tgt Ion: 94 Resp: 48786

Ion Ratio Lower Upper

94 100

65 25.6 23.0 34.6

66 33.8 30.4 45.6



#8

Bis(2-Chloroethyl)ether

Concen: 3.916 ng/ul

RT: 7.85 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

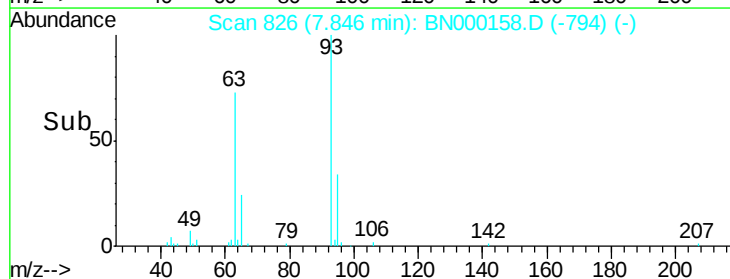
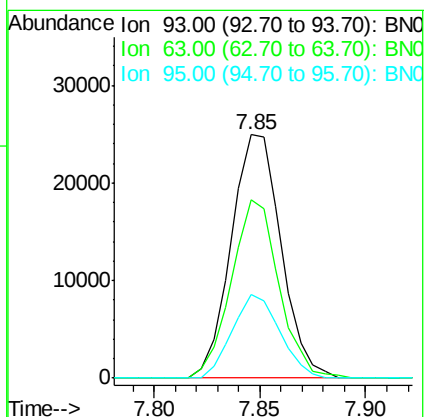
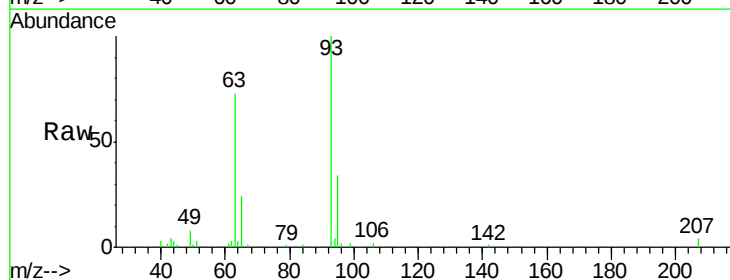
Tgt Ion: 93 Resp: 40904

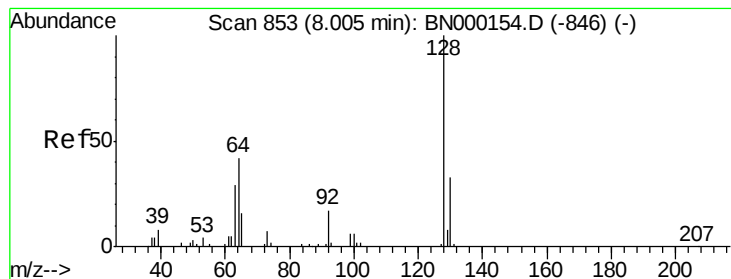
Ion Ratio Lower Upper

93 100

63 73.2 59.4 89.2

95 34.3 26.4 39.6





#10

2-Chlorophenol

Concen: 3.695 ng/ul

RT: 8.00 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

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MDL-S-04

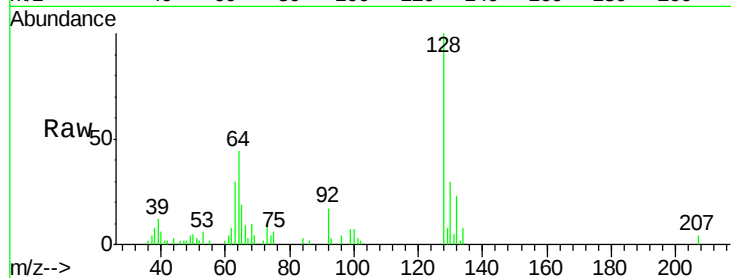
Tgt Ion:128 Resp: 34955

Ion Ratio Lower Upper

128 100

64 44.0 39.8 59.6

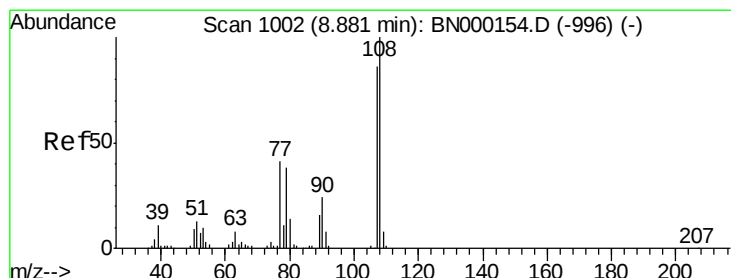
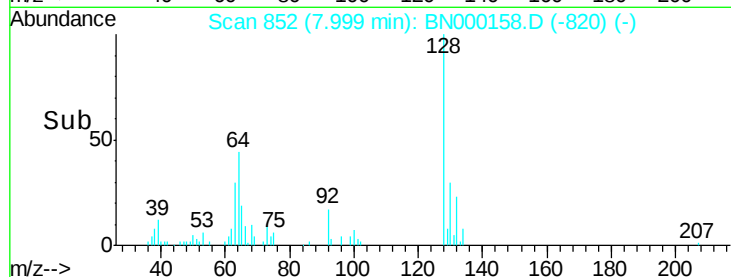
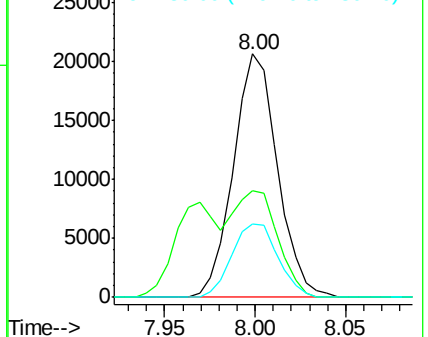
130 30.4 25.8 38.8



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: 2.994 ng/ul

RT: 8.88 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BN000158.D

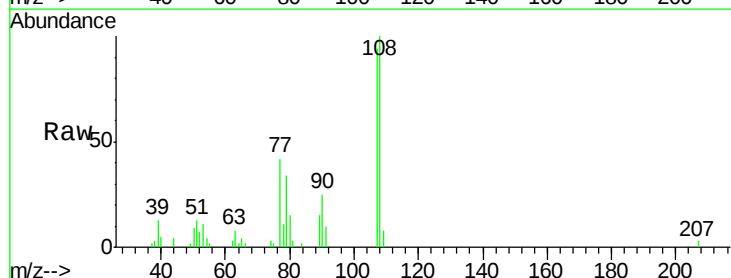
Acq: 22 Feb 2018 12:57

Tgt Ion:108 Resp: 30017

Ion Ratio Lower Upper

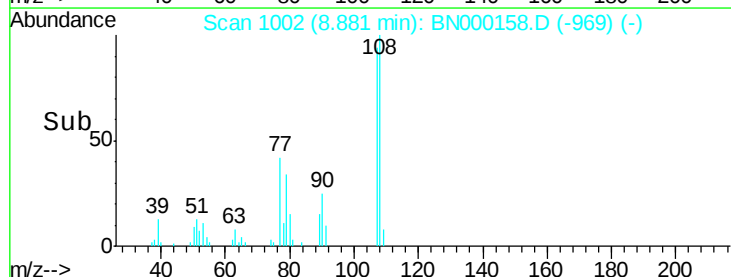
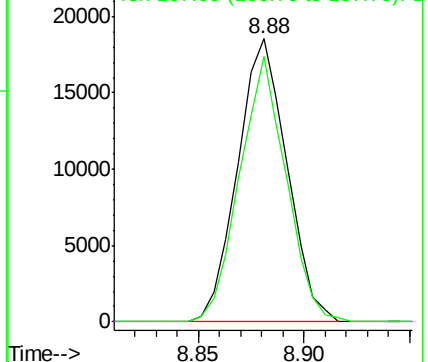
108 100

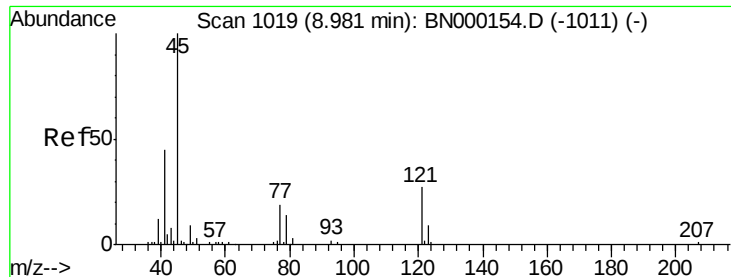
107 93.7 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

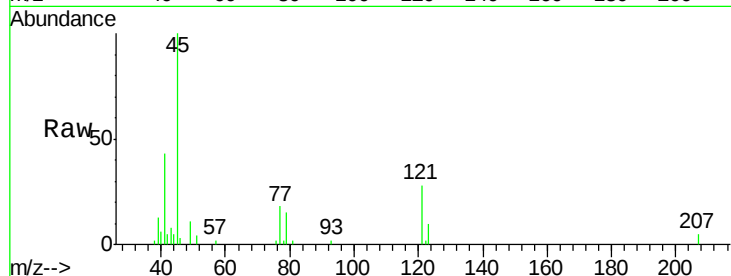




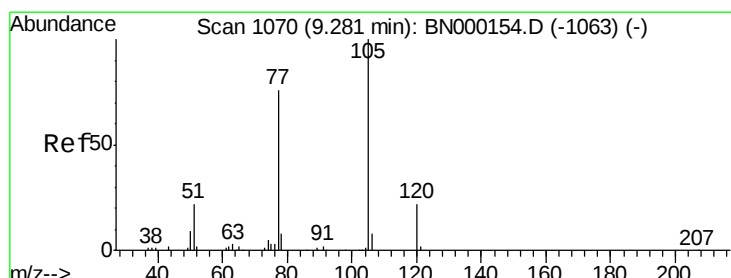
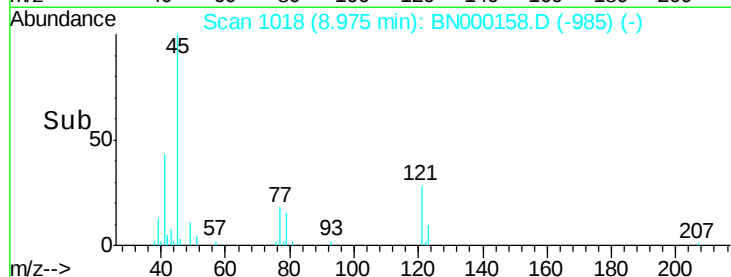
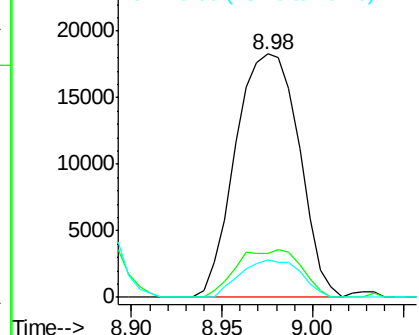
#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 3.930 ng/ul
 RT: 8.98 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BN000158.D
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Tgt Ion: 45 Resp: 44466
 Ion Ratio Lower Upper
 45 100
 77 18.0 12.5 18.7
 79 15.5 9.4 14.2#

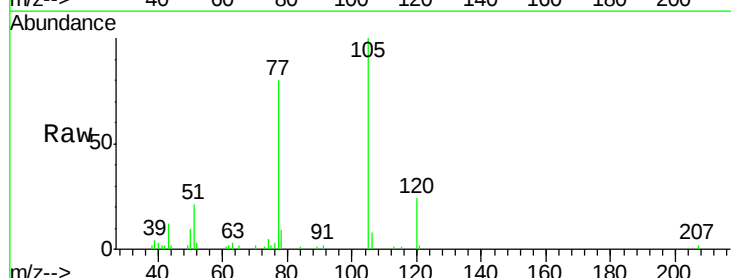


Abundance Ion 45.00 (44.70 to 45.70): BN0
 Ion 77.00 (76.70 to 77.70): BN0
 Ion 79.00 (78.70 to 79.70): BN0

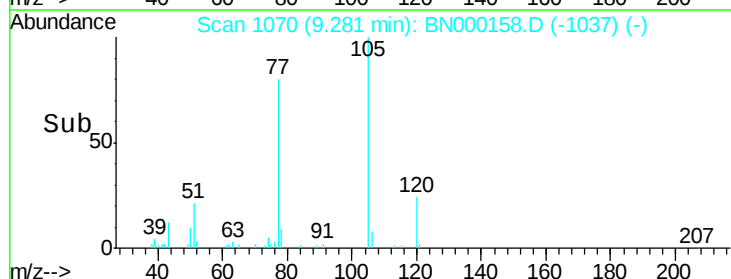
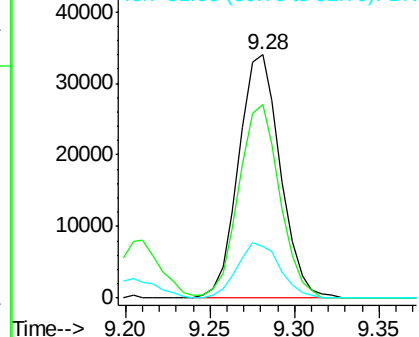


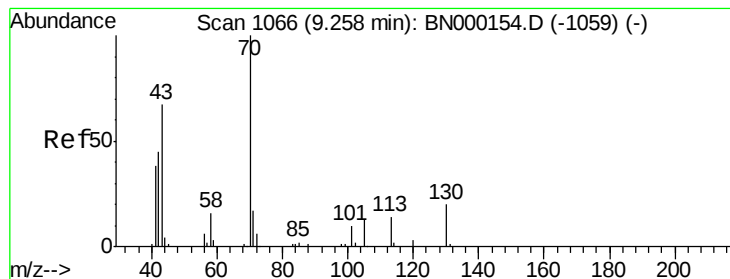
#14
 Acetophenone
 Concen: 3.540 ng/ul
 RT: 9.28 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BN000158.D
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Tgt Ion: 105 Resp: 58574
 Ion Ratio Lower Upper
 105 100
 77 79.6 63.2 94.8
 51 21.3 19.8 29.8



Abundance Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BN0
 Ion 51.00 (50.70 to 51.70): BN0





#15

N-Nitroso-di-n-propylamine

Concen: 3.222 ng/ul

RT: 9.25 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

Instrument :

BNA_N

ClientSampleId :

MDL-S-04

Tgt Ion: 70 Resp: 24073

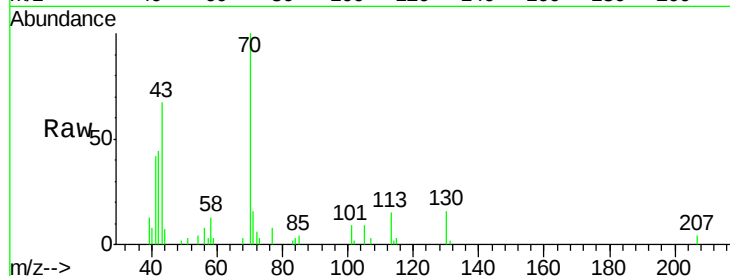
Ion Ratio Lower Upper

70 100

42 43.7 40.2 60.4

101 8.9 7.7 11.5

130 15.5 17.8 26.6#

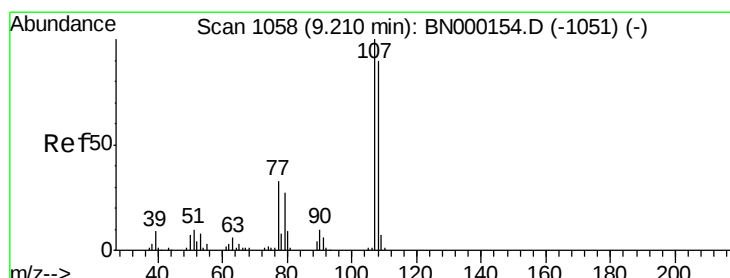
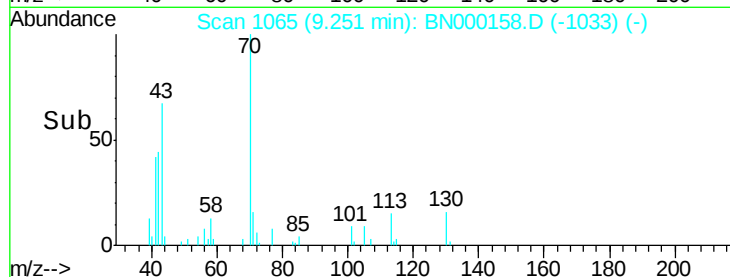
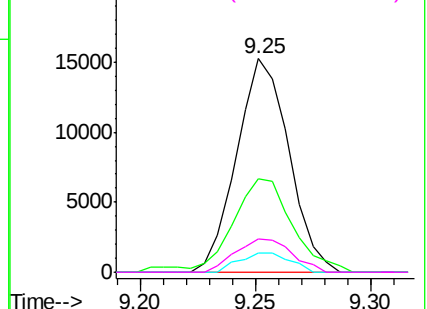


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 3.414 ng/ul

RT: 9.20 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BN000158.D

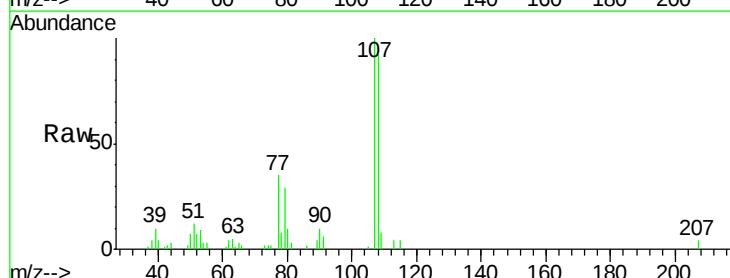
Acq: 22 Feb 2018 12:57

Tgt Ion: 108 Resp: 38356

Ion Ratio Lower Upper

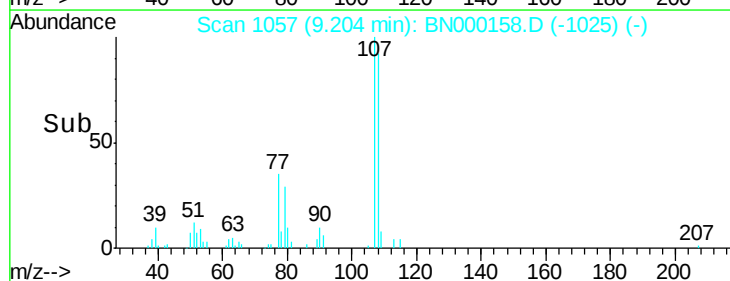
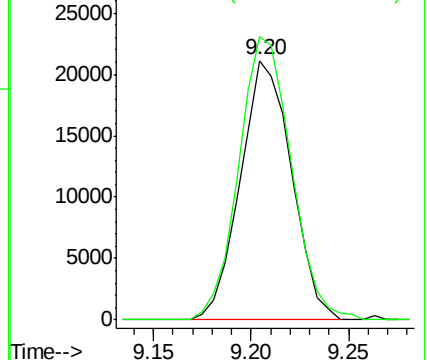
108 100

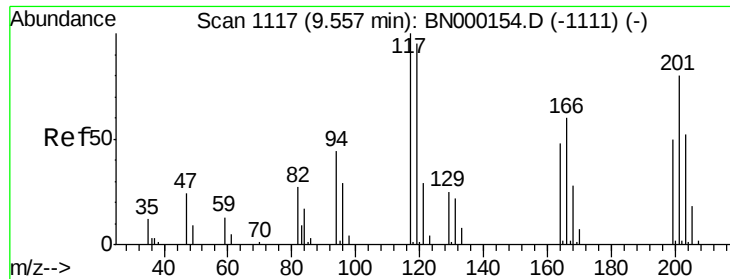
107 109.0 93.6 140.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

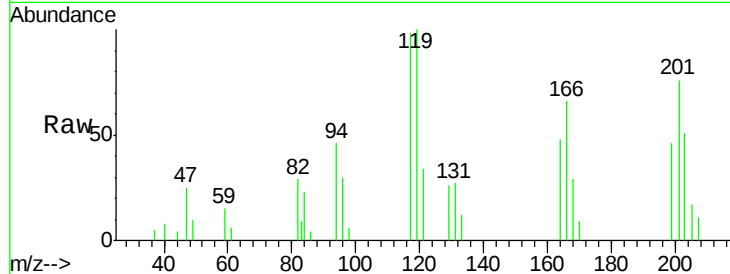




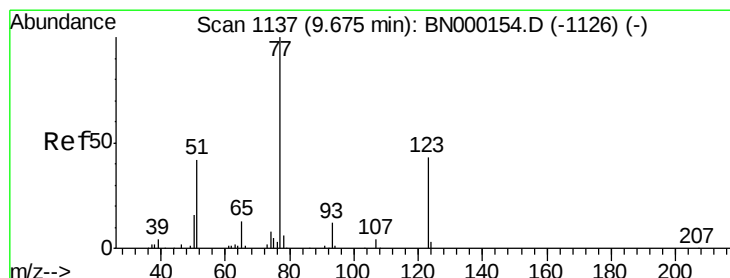
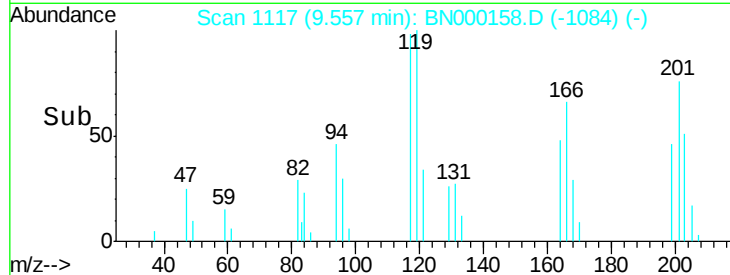
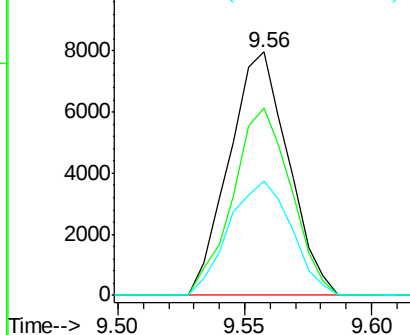
#17
 Hexachloroethane
 Concen: 3.572 ng/ul
 RT: 9.56 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BN000158.D
 Acq: 22 Feb 2018 12:57

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-04

Tgt Ion: 117 Resp: 12914
 Ion Ratio Lower Upper
 117 100
 201 77.0 96.1 144.1#
 199 47.1 59.7 89.5#

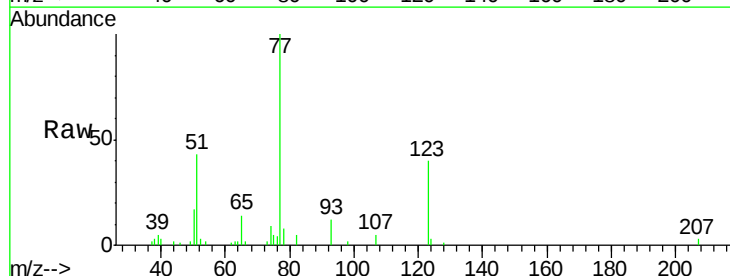


Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 201.00 (200.70 to 201.70): E
 Ion 199.00 (198.70 to 199.70): E

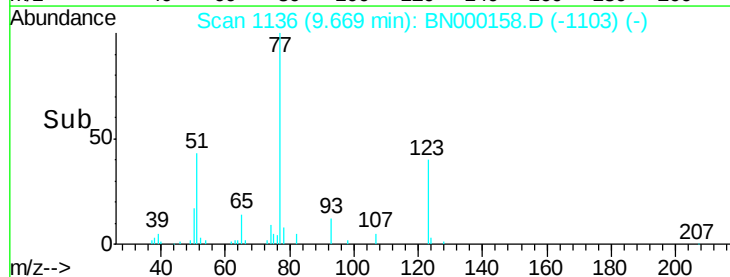
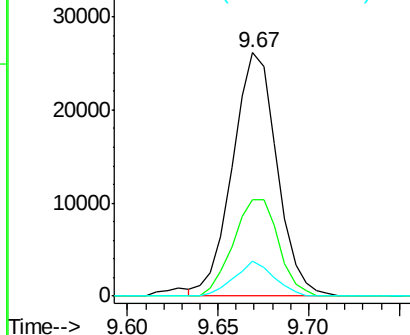


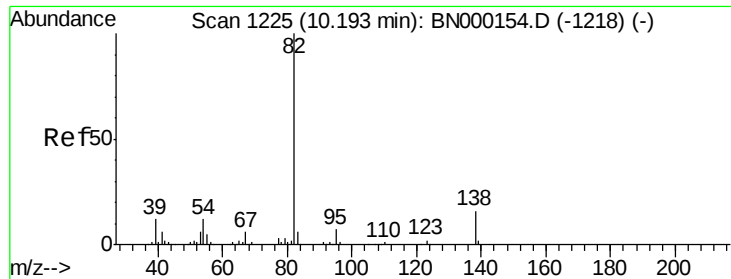
#20
 Nitrobenzene
 Concen: 3.832 ng/ul
 RT: 9.67 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: BN000158.D
 Acq: 22 Feb 2018 12:57

Tgt Ion: 77 Resp: 44642
 Ion Ratio Lower Upper
 77 100
 123 39.7 31.8 47.8
 65 14.3 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

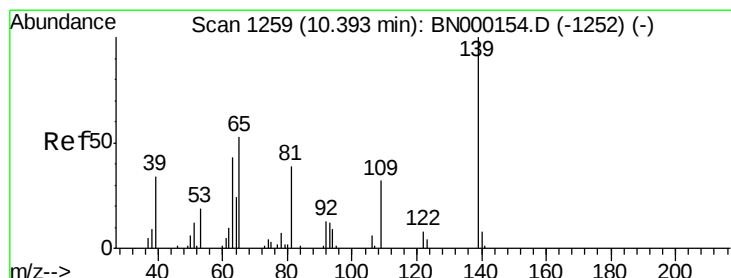
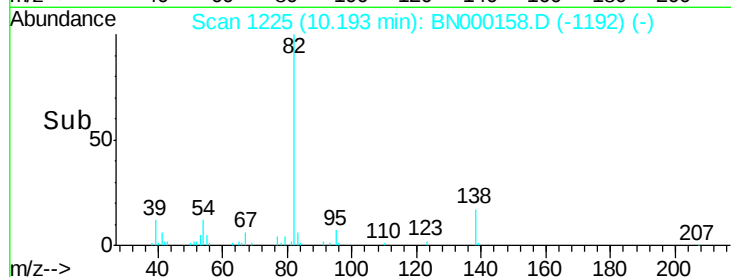
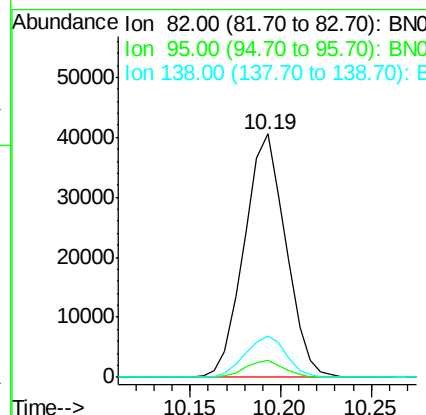
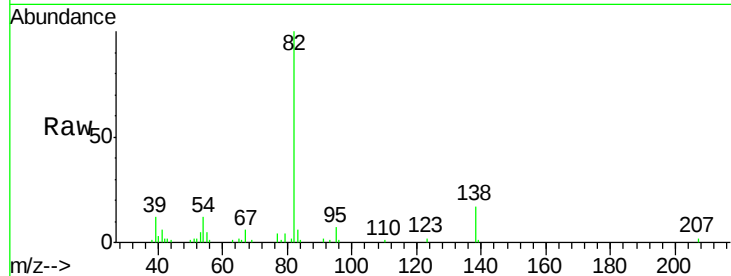




#21
Isophorone
Concen: 2.946 ng/ul
RT: 10.19 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BN000158.D
Acq: 22 Feb 2018 12:57

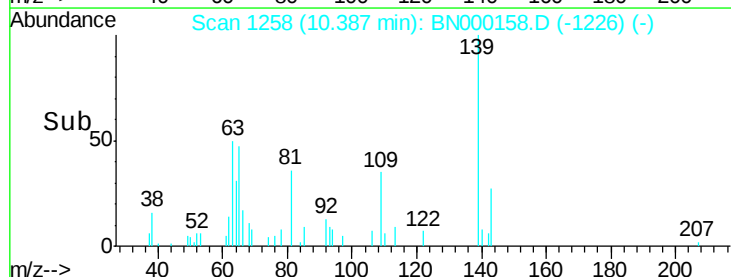
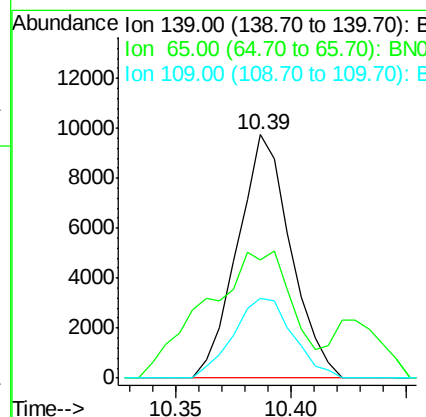
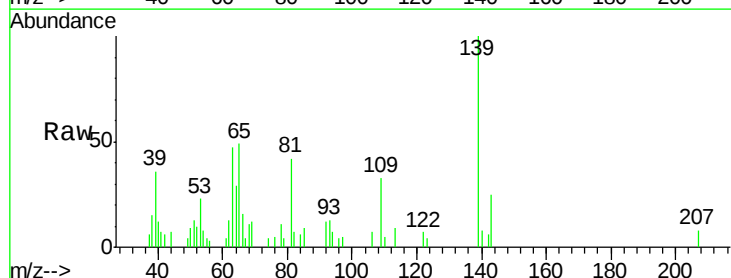
Instrument :
BNA_N
ClientSampleId :
MDL-S-04

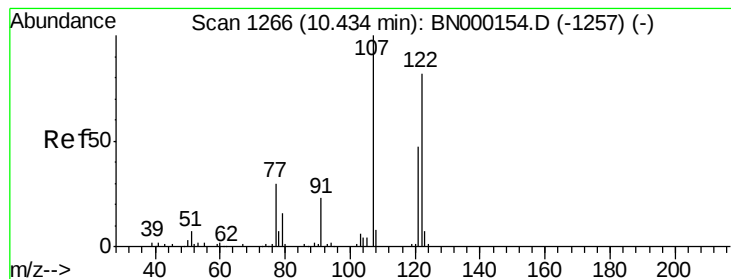
Tgt Ion: 82 Resp: 64883
Ion Ratio Lower Upper
82 100
95 6.9 6.1 9.1
138 17.0 13.5 20.3



#23
2-Nitrophenol
Concen: 3.338 ng/ul
RT: 10.39 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BN000158.D
Acq: 22 Feb 2018 12:57

Tgt Ion: 139 Resp: 15653
Ion Ratio Lower Upper
139 100
65 48.6 45.3 67.9
109 32.9 27.7 41.5





#24

2,4-Dimethylphenol

Concen: 3.392 ng/ul

RT: 10.43 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

Instrument :

BNA_N

ClientSampleId :

MDL-S-04

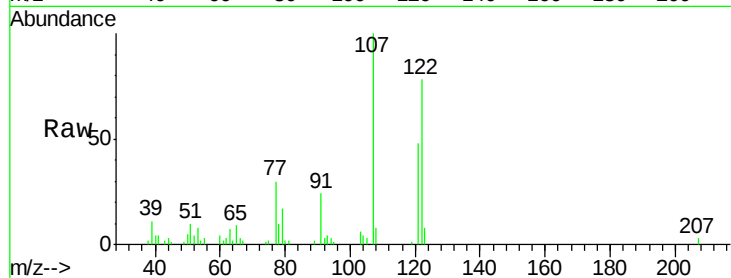
Tgt Ion: 107 Resp: 41335

Ion Ratio Lower Upper

107 100

121 48.2 38.1 57.1

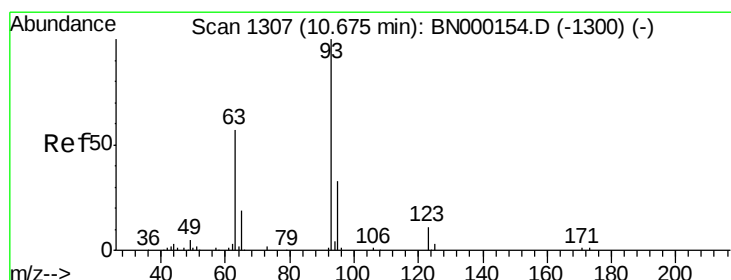
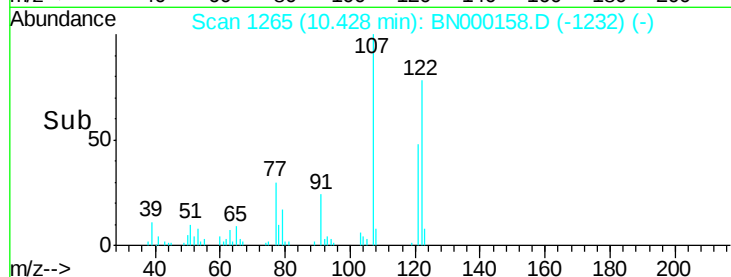
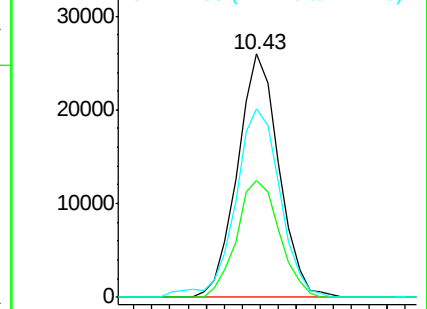
122 77.7 63.8 95.8



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: 3.613 ng/ul

RT: 10.67 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

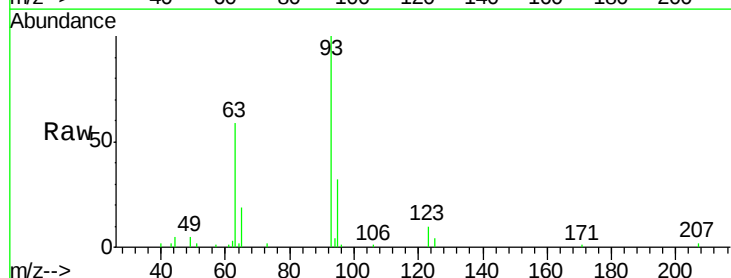
Tgt Ion: 93 Resp: 54333

Ion Ratio Lower Upper

93 100

95 32.1 24.7 37.1

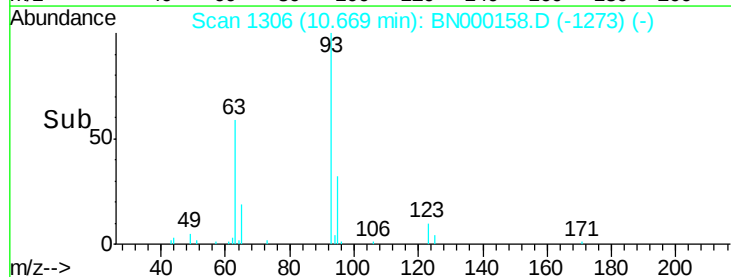
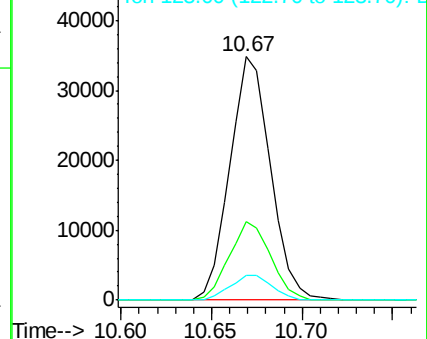
123 10.3 8.2 12.2

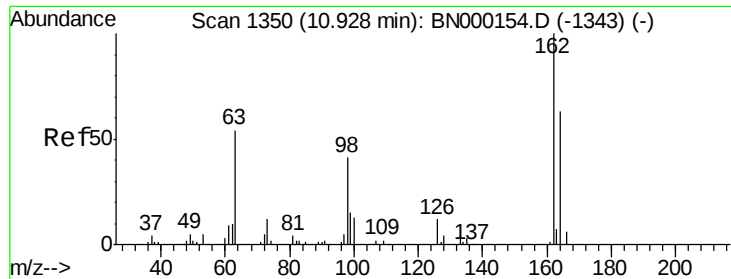


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

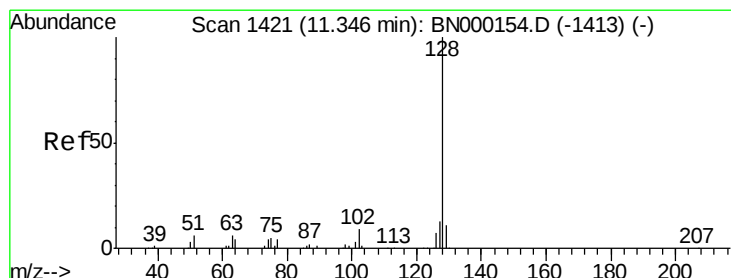
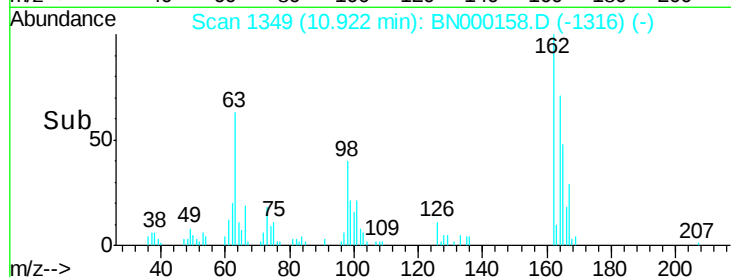
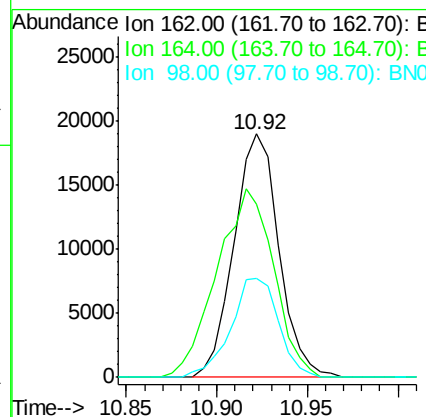
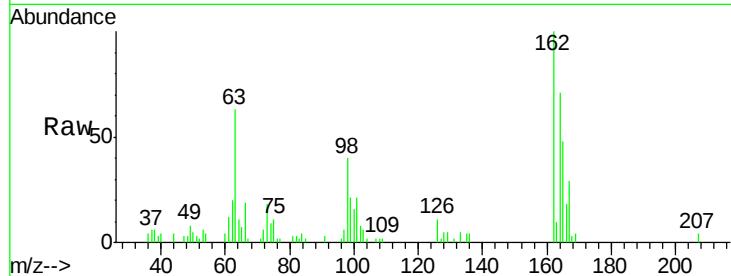




#27
2,4-Dichlorophenol
Concen: 3.642 ng/ul
RT: 10.92 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BN000158.D
Acq: 22 Feb 2018 12:57

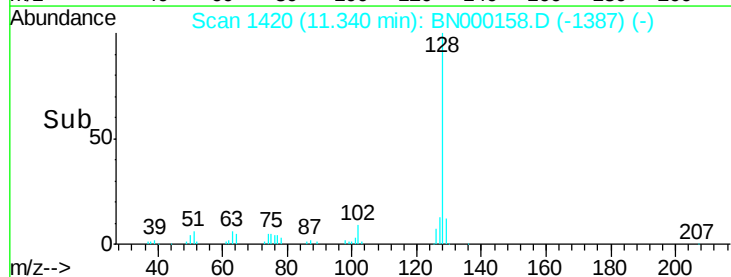
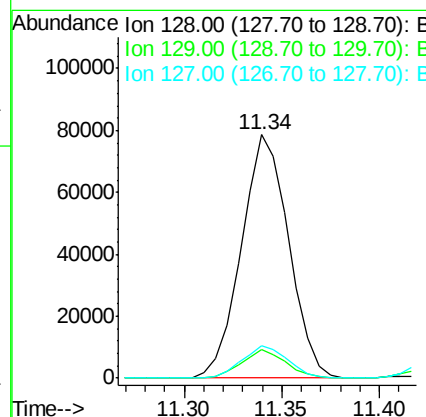
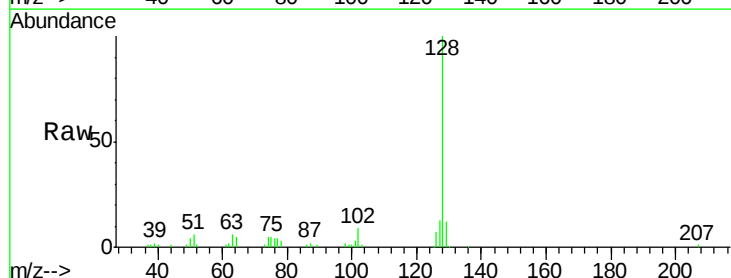
Instrument :
BNA_N
ClientSampleId :
MDL-S-04

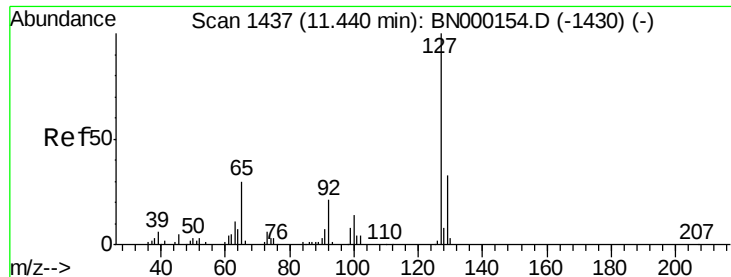
Tgt Ion:162 Resp: 32681
Ion Ratio Lower Upper
162 100
164 71.1 52.0 78.0
98 40.4 26.6 39.8#



#28
Naphthalene
Concen: 3.890 ng/ul
RT: 11.34 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BN000158.D
Acq: 22 Feb 2018 12:57

Tgt Ion:128 Resp: 131750
Ion Ratio Lower Upper
128 100
129 11.7 8.3 12.5
127 13.1 10.8 16.2

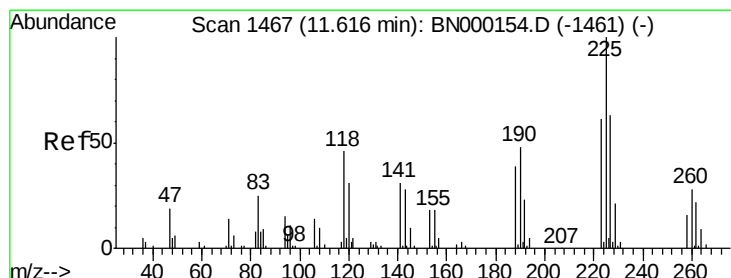
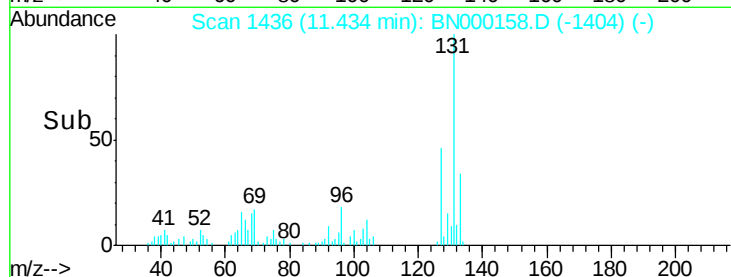
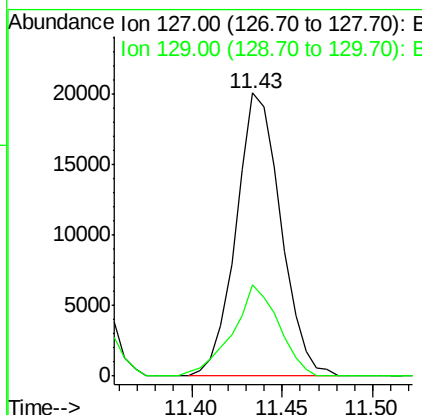
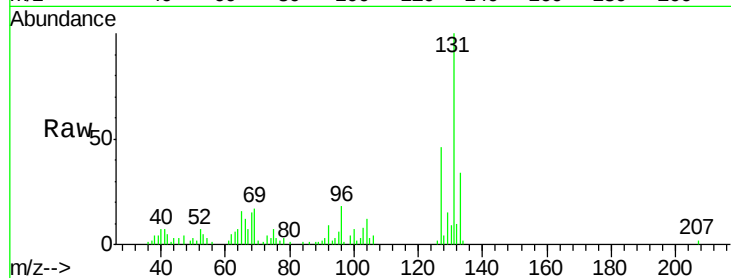




#30
4-Chloroaniline
Concen: 3.339 ng/ul
RT: 11.43 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BN000158.D
Acq: 22 Feb 2018 12:57

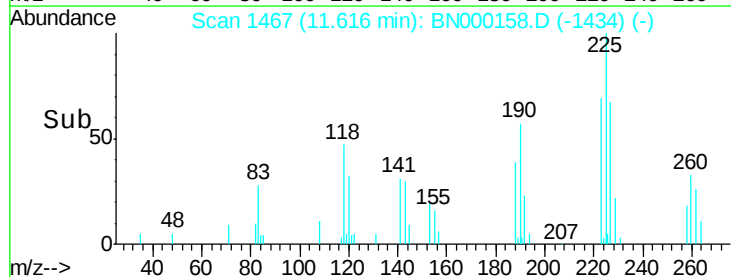
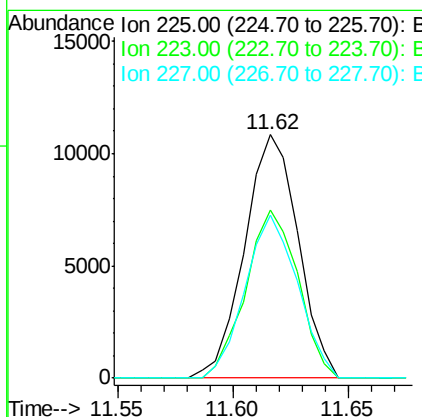
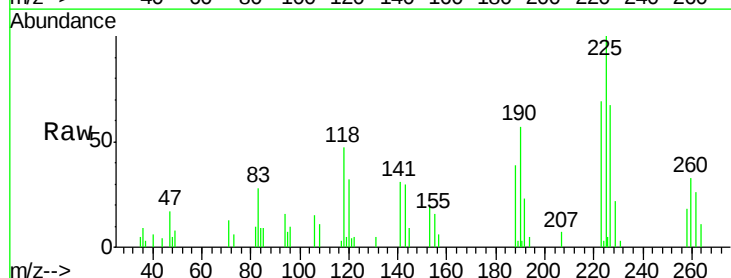
Instrument :
BNA_N
ClientSampleId :
MDL-S-04

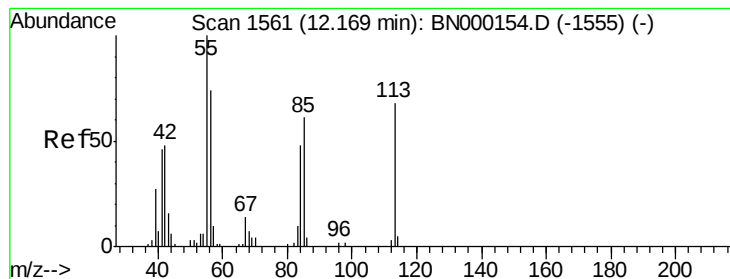
Tgt Ion:127 Resp: 34572
Ion Ratio Lower Upper
127 100
129 32.3 24.6 37.0



#31
Hexachlorobutadiene
Concen: 3.684 ng/ul
RT: 11.62 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BN000158.D
Acq: 22 Feb 2018 12:57

Tgt Ion:225 Resp: 17509
Ion Ratio Lower Upper
225 100
223 69.2 48.1 72.1
227 67.2 52.1 78.1





#32

Caprolactam

Concen: 2.718 ng/ul

RT: 12.16 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

Instrument :

BNA_N

ClientSampleId :

MDL-S-04

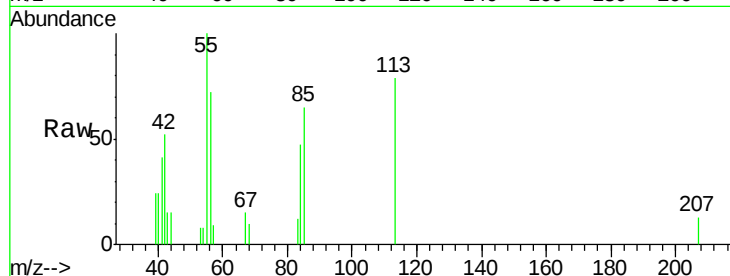
Tgt Ion:113 Resp: 9247

Ion Ratio Lower Upper

113 100

55 126.2 131.7 197.5#

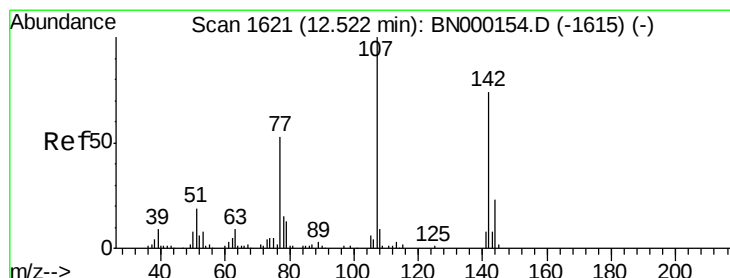
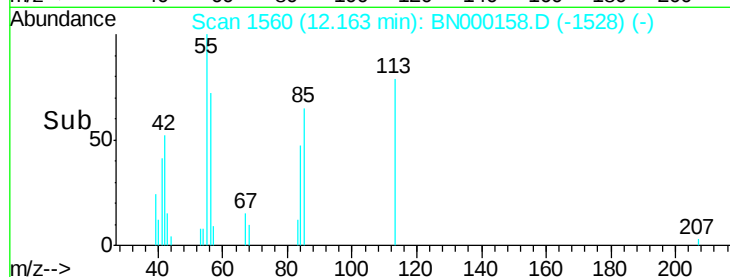
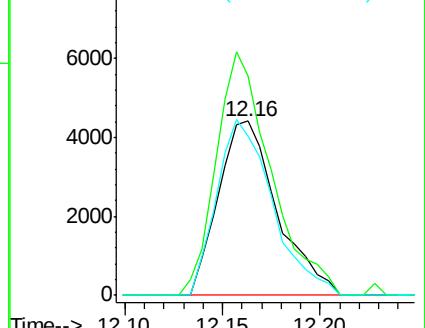
56 91.5 92.7 139.1#



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: 2.764 ng/ul

RT: 12.52 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

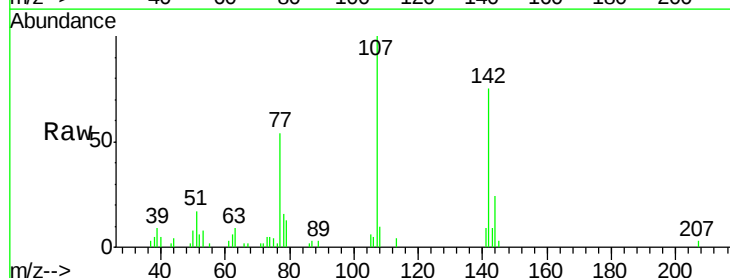
Tgt Ion:107 Resp: 30448

Ion Ratio Lower Upper

107 100

144 24.4 21.1 31.7

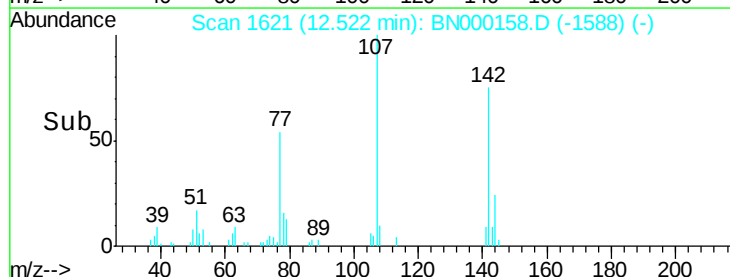
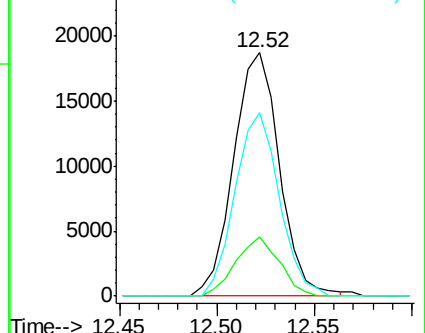
142 75.4 60.1 90.1

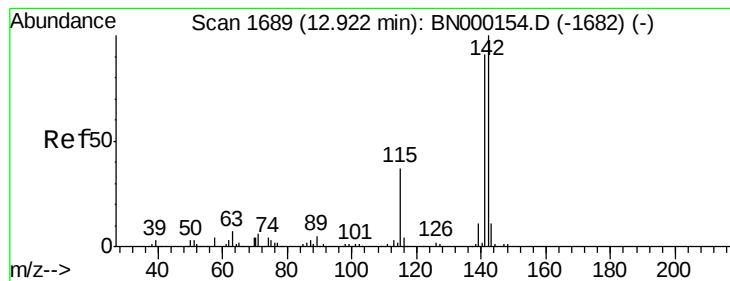


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

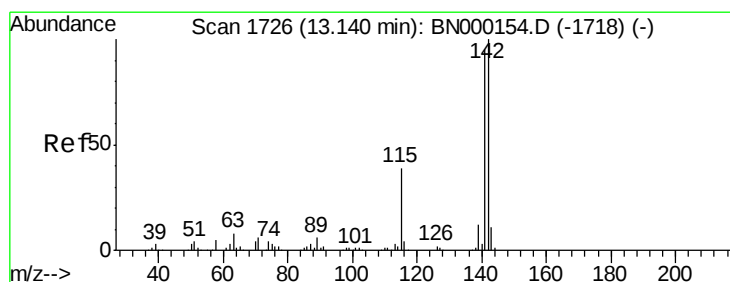
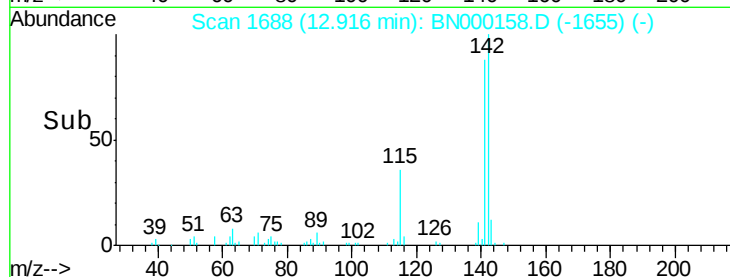
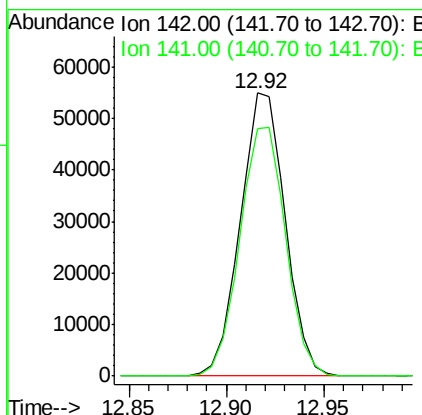
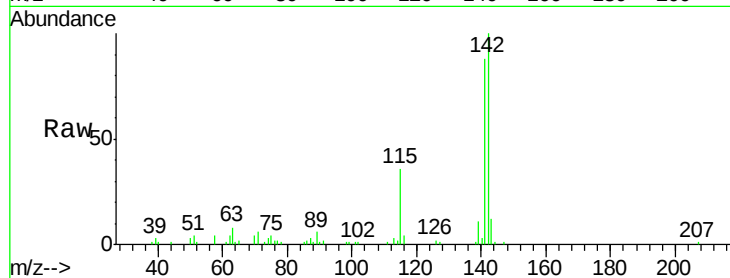




#34
 2-Methylnaphthalene
 Concen: 3.708 ng/ul
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BN000158.D
 Acq: 22 Feb 2018 12:57

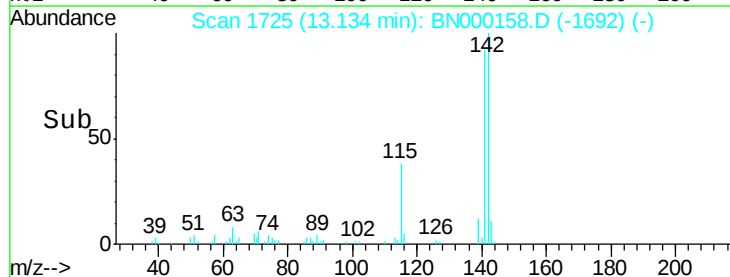
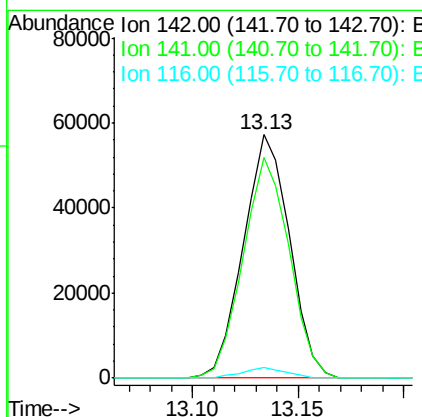
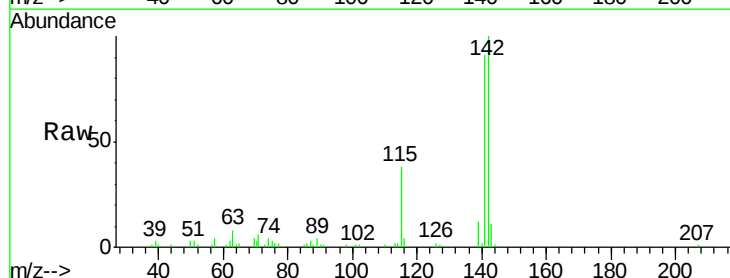
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-04

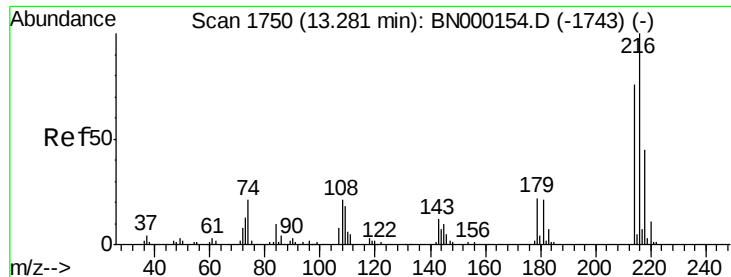
Tgt Ion:142 Resp: 87514
 Ion Ratio Lower Upper
 142 100
 141 87.6 71.4 107.2



#35
 1-Methylnaphthalene
 Concen: 3.674 ng/ul
 RT: 13.13 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BN000158.D
 Acq: 22 Feb 2018 12:57

Tgt Ion:142 Resp: 87011
 Ion Ratio Lower Upper
 142 100
 141 90.5 76.6 115.0
 116 4.2 3.6 5.4

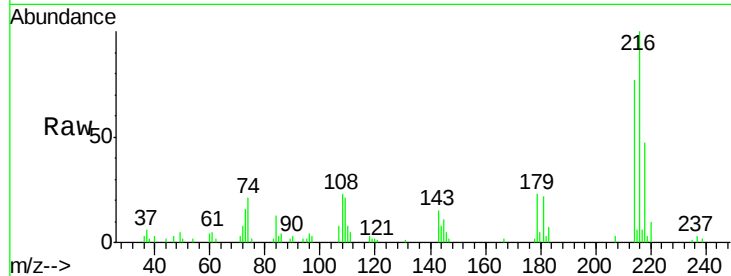




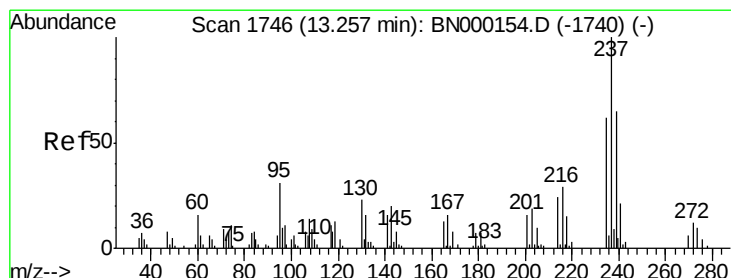
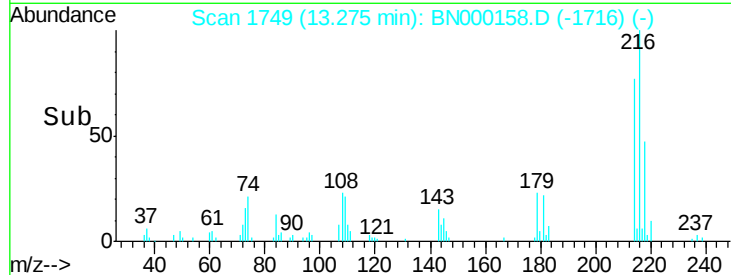
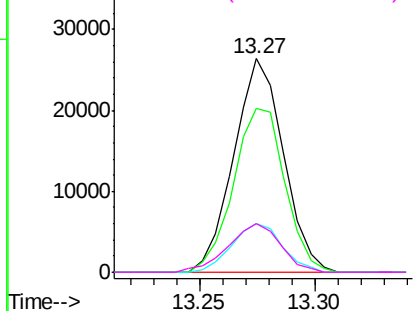
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.856 ng/ul
 RT: 13.27 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BN000158.D
 Acq: 22 Feb 2018 12:57

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-04

Tgt Ion:216 Resp: 39500
 Ion Ratio Lower Upper
 216 100
 214 76.7 64.1 96.1
 179 22.7 14.5 21.7#
 108 22.8 10.4 15.6#

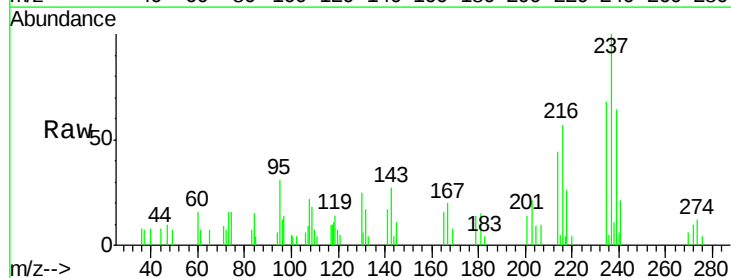


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

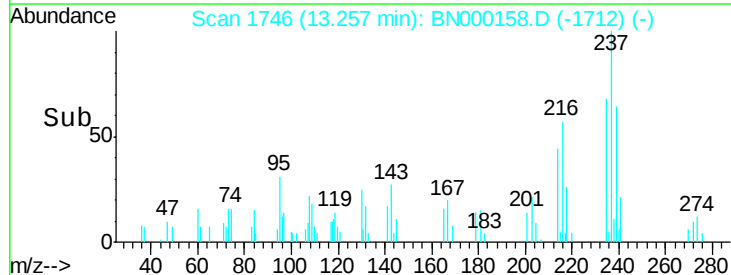
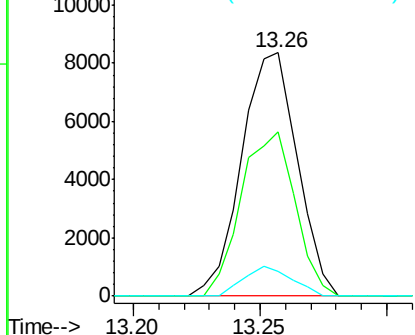


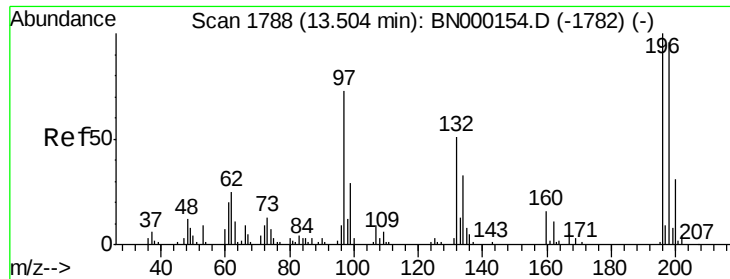
#38
 Hexachlorocyclopentadiene
 Concen: 2.586 ng/ul
 RT: 13.26 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BN000158.D
 Acq: 22 Feb 2018 12:57

Tgt Ion:237 Resp: 12822
 Ion Ratio Lower Upper
 237 100
 235 67.5 49.5 74.3
 272 10.3 8.6 12.8



Abundance Ion 237.00 (236.70 to 237.70): E
 Ion 235.00 (234.70 to 235.70): E
 Ion 272.00 (271.70 to 272.70): E

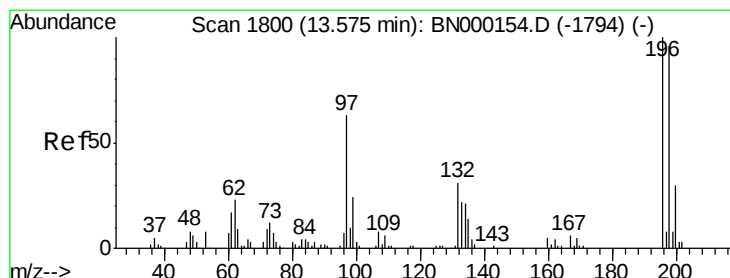
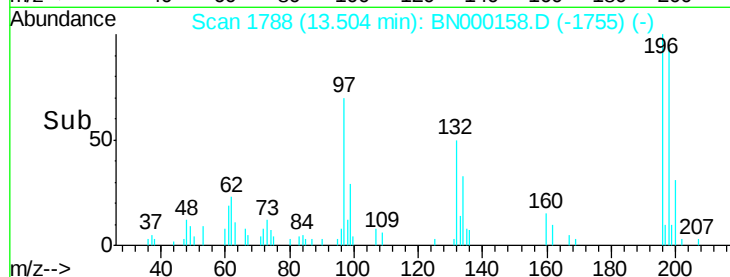
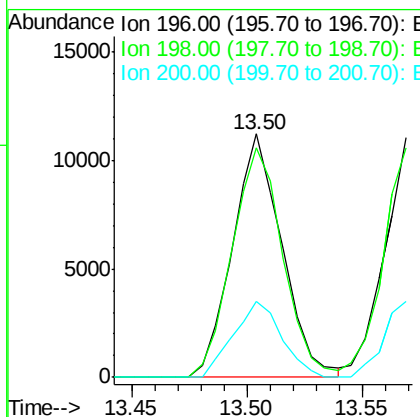
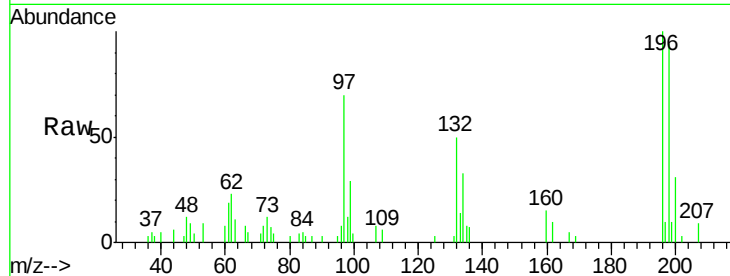




#39
 2,4,6-Trichlorophenol
 Concen: 2.592 ng/ul
 RT: 13.50 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BN000158.D
 Acq: 22 Feb 2018 12:57

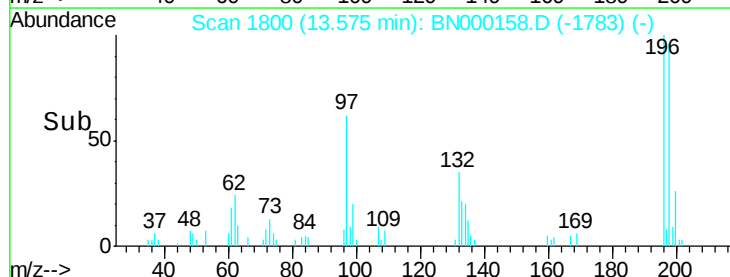
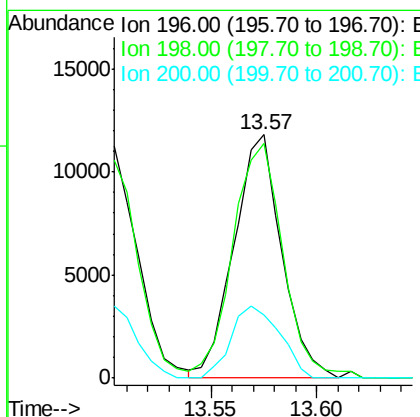
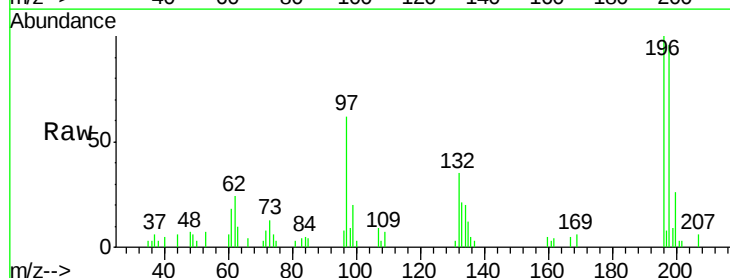
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-04

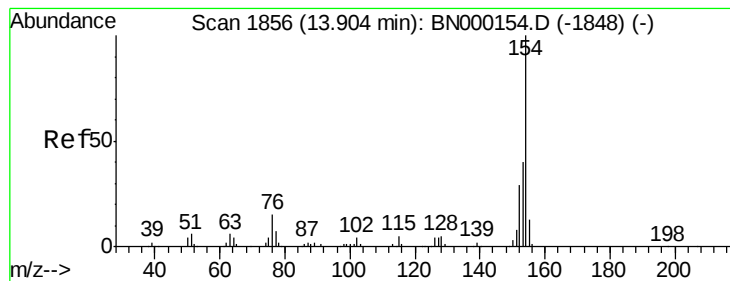
Tgt Ion:196 Resp: 16738
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.9 113.9
 200 31.0 25.8 38.6



#40
 2,4,5-Trichlorophenol
 Concen: 2.676 ng/ul
 RT: 13.57 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BN000158.D
 Acq: 22 Feb 2018 12:57

Tgt Ion:196 Resp: 18577
 Ion Ratio Lower Upper
 196 100
 198 96.5 74.7 112.1
 200 26.1 25.4 38.0





#41

1,1'-Biphenyl

Concen: 3.823 ng/ul

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

Instrument :

BNA_N

ClientSampleId :

MDL-S-04

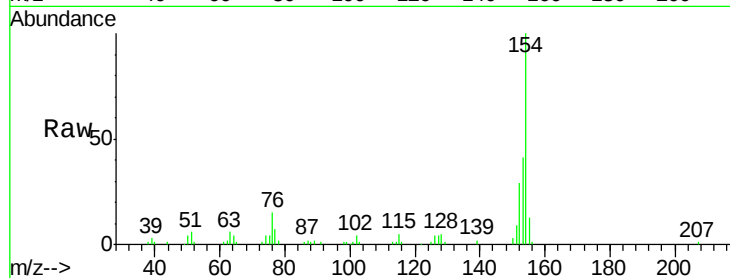
Tgt Ion:154 Resp: 117033

Ion Ratio Lower Upper

154 100

153 40.9 34.0 51.0

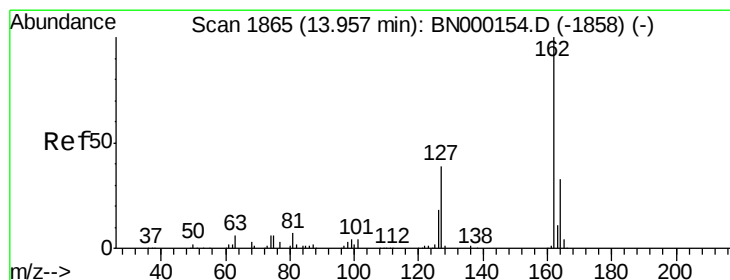
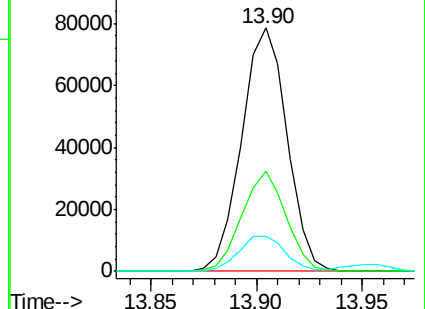
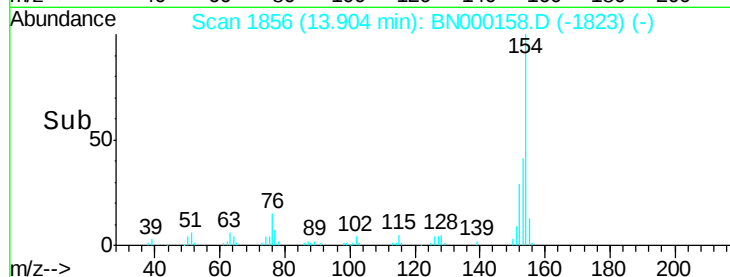
76 14.5 8.4 12.6#



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: 3.789 ng/ul

RT: 13.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

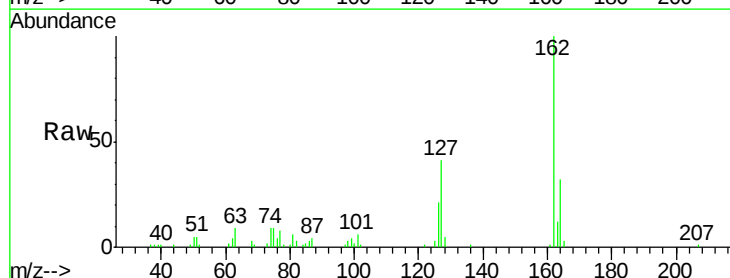
Tgt Ion:162 Resp: 89083

Ion Ratio Lower Upper

162 100

164 32.0 26.2 39.4

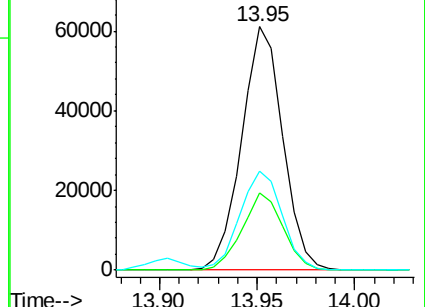
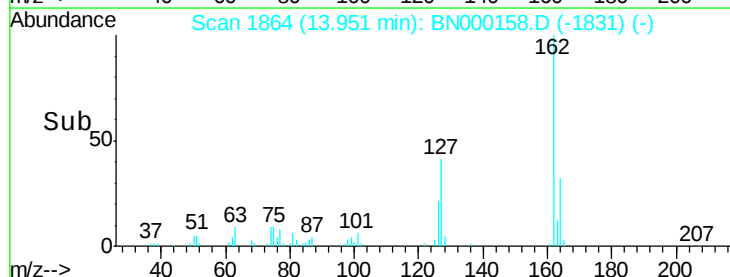
127 40.6 29.5 44.3

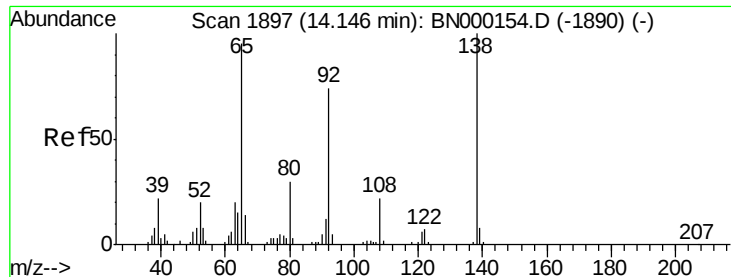


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E

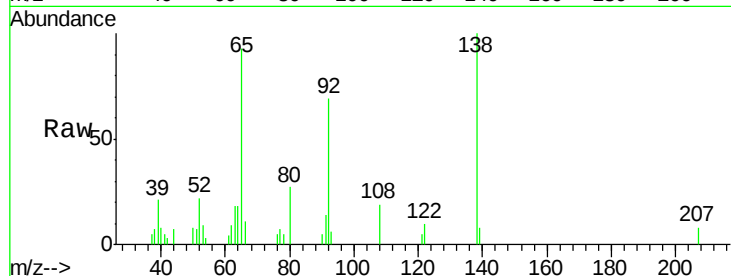




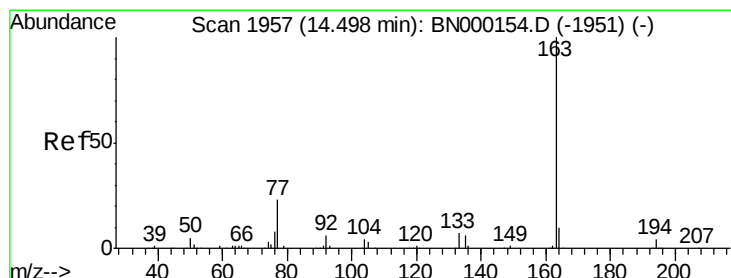
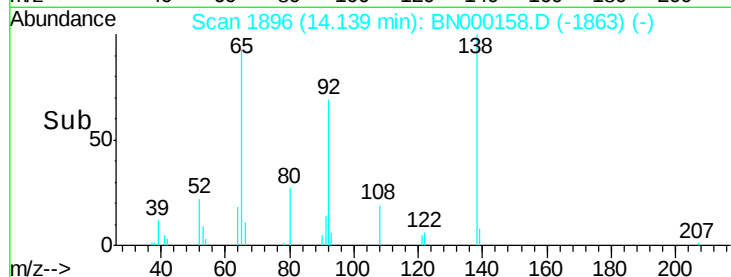
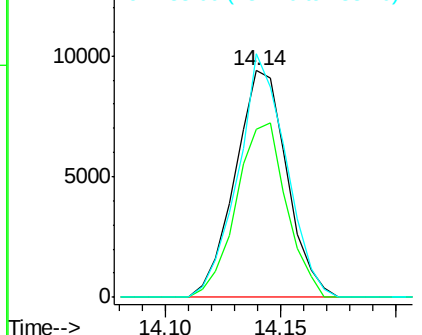
#43
2-Nitroaniline
Concen: 2.444 ng/ul
RT: 14.14 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BN000158.D
Acq: 22 Feb 2018 12:57

Instrument :
BNA_N
ClientSampleId :
MDL-S-04

Tgt Ion: 65 Resp: 14714
Ion Ratio Lower Upper
65 100
92 74.3 57.0 85.4
138 107.5 87.2 130.8

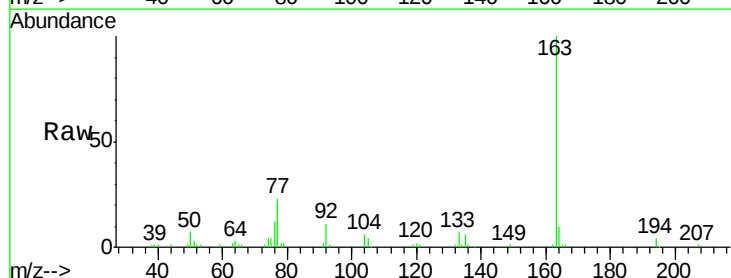


Abundance Ion 65.00 (64.70 to 65.70): BNO
Ion 92.00 (91.70 to 92.70): BNO
Ion 138.00 (137.70 to 138.70): B

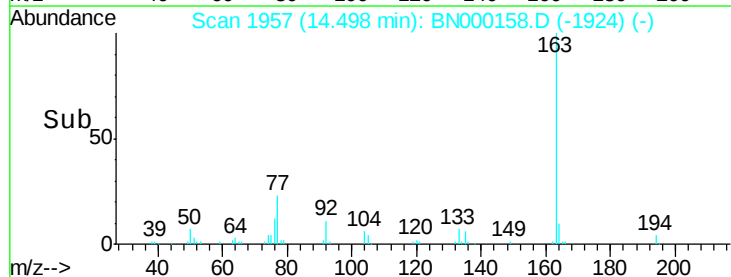
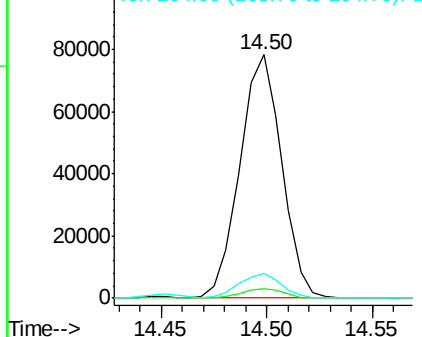


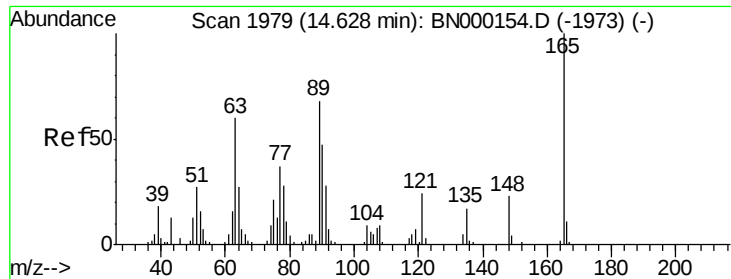
#45
Dimethylphthalate
Concen: 3.719 ng/ul
RT: 14.50 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BN000158.D
Acq: 22 Feb 2018 12:57

Tgt Ion: 163 Resp: 107362
Ion Ratio Lower Upper
163 100
194 4.0 4.0 6.0
164 10.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

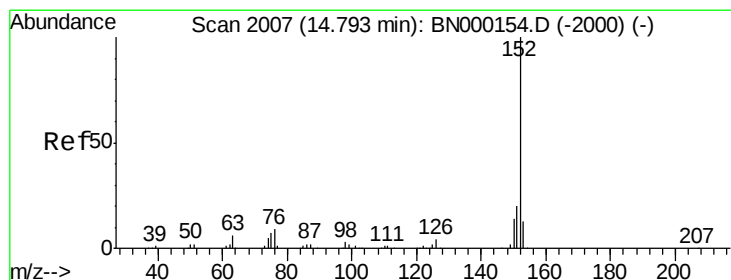
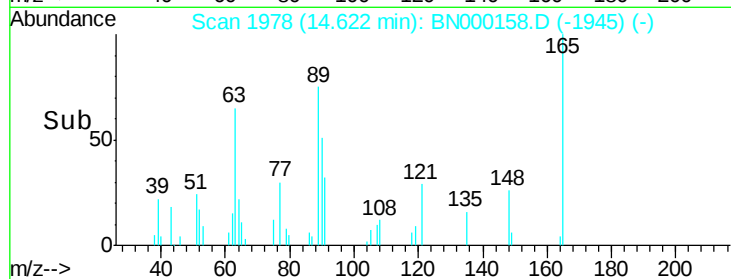
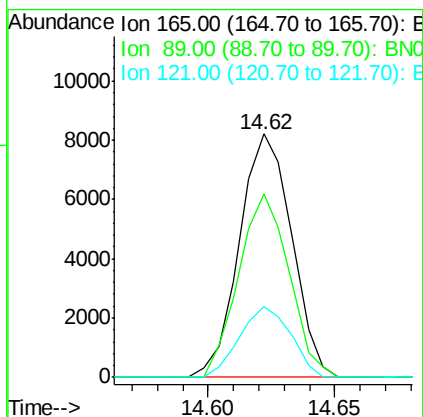
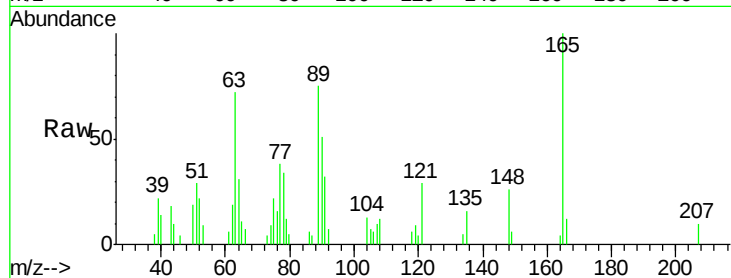




#46
 2,6-Dinitrotoluene
 Concen: 2.434 ng/ul
 RT: 14.62 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BN000158.D
 Acq: 22 Feb 2018 12:57

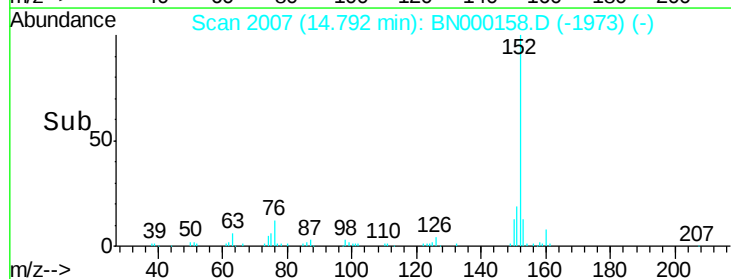
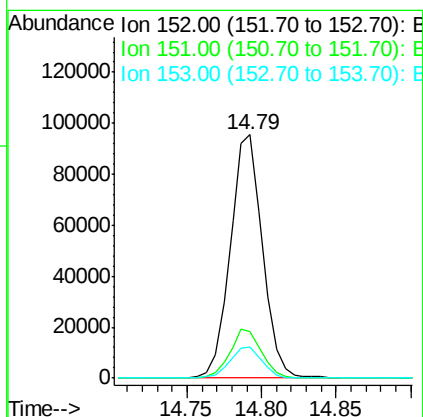
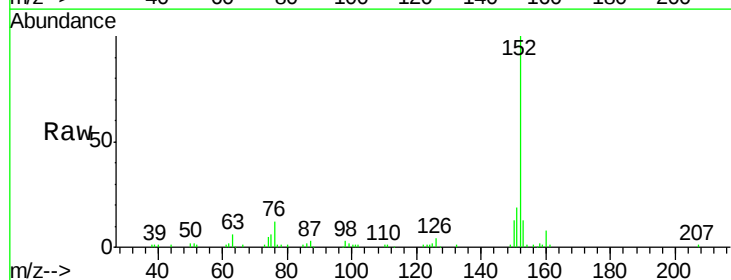
Instrument :
 BNA_N
 ClientSampled :
 MDL-S-04

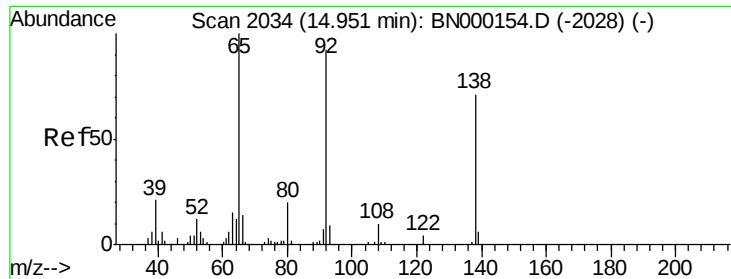
Tgt Ion:165 Resp: 11742
 Ion Ratio Lower Upper
 165 100
 89 75.3 43.8 65.8#
 121 29.0 17.8 26.6#



#48
 Acenaphthylene
 Concen: 3.867 ng/ul
 RT: 14.79 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BN000158.D
 Acq: 22 Feb 2018 12:57

Tgt Ion:152 Resp: 143318
 Ion Ratio Lower Upper
 152 100
 151 19.2 16.1 24.1
 153 12.7 10.8 16.2





#49

3-Nitroaniline

Concen: 2.158 ng/ul

RT: 14.95 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

Instrument :

BNA_N

ClientSampleId :

MDL-S-04

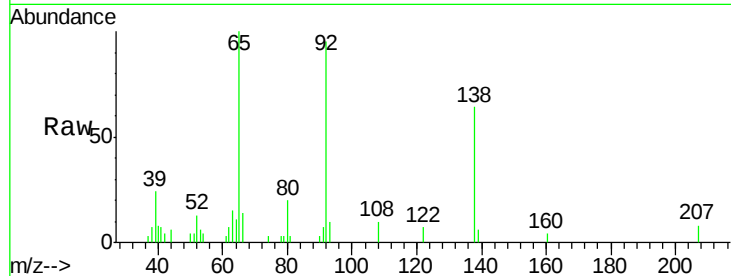
Tgt Ion:138 Resp: 12456

Ion Ratio Lower Upper

138 100

108 15.6 7.6 11.4#

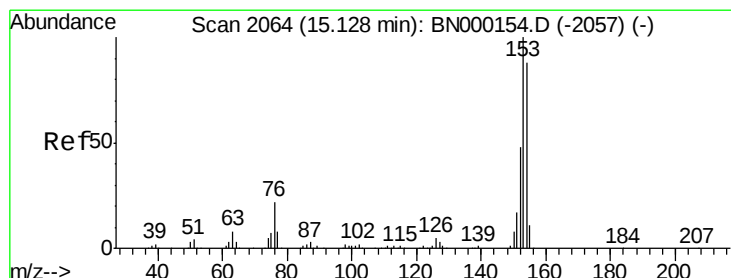
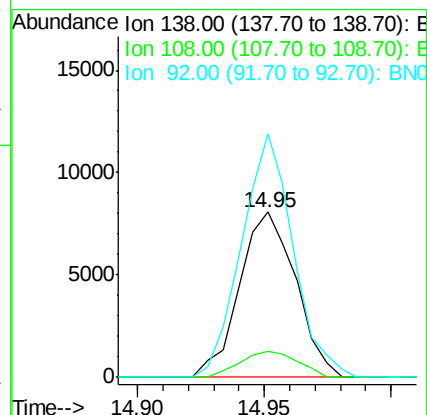
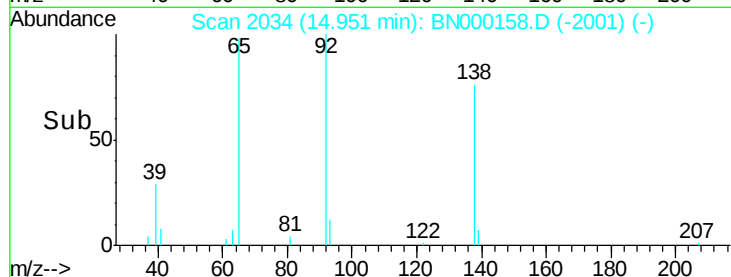
92 147.3 94.2 141.2#



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: 3.821 ng/ul

RT: 15.13 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

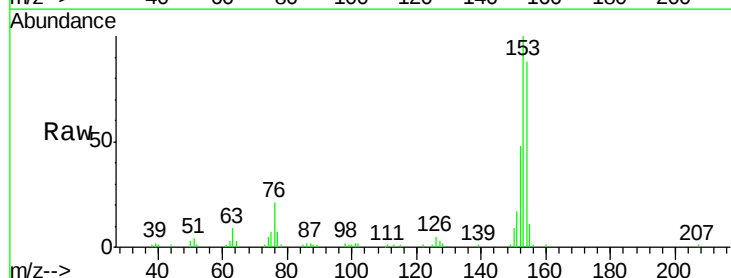
Tgt Ion:153 Resp: 99861

Ion Ratio Lower Upper

153 100

152 48.5 37.9 56.9

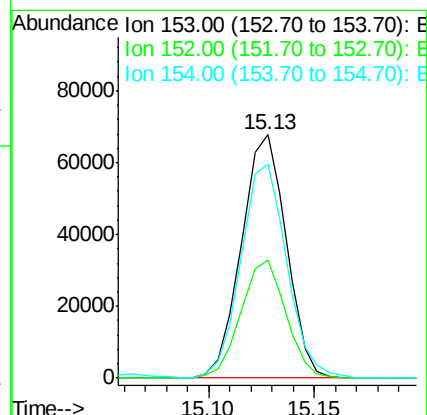
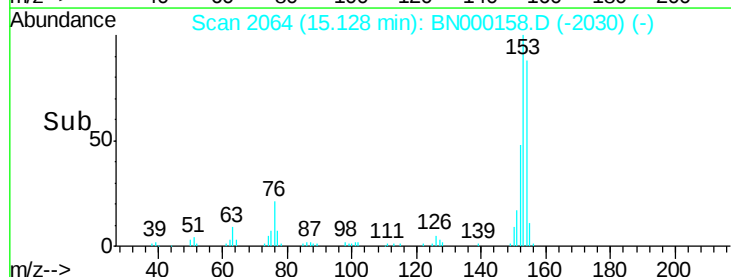
154 88.0 69.8 104.6

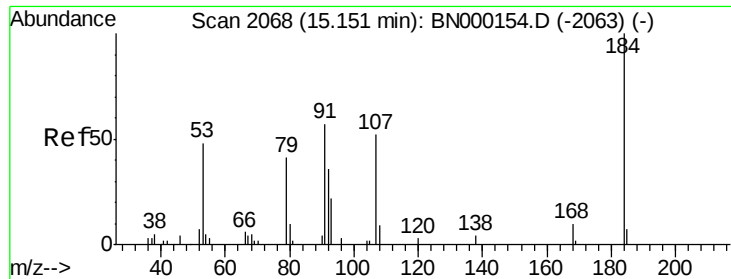


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

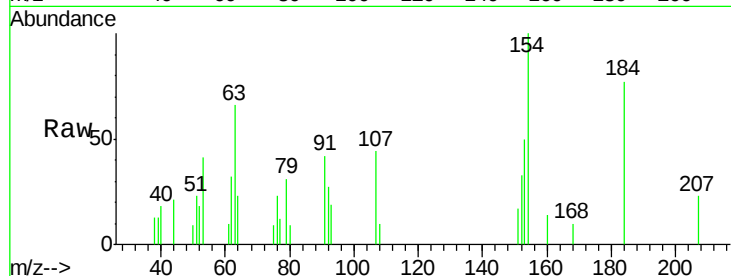




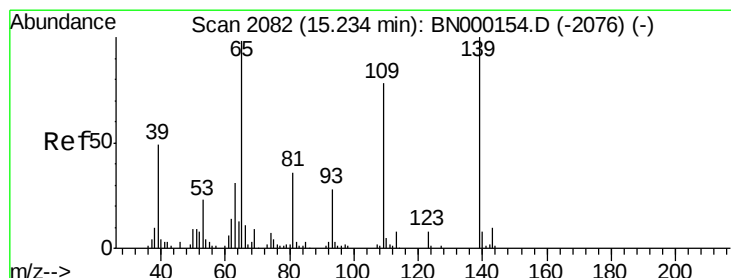
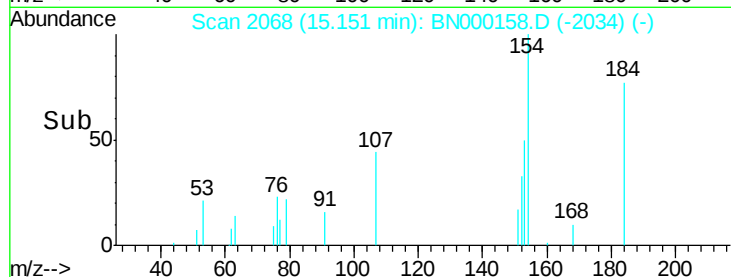
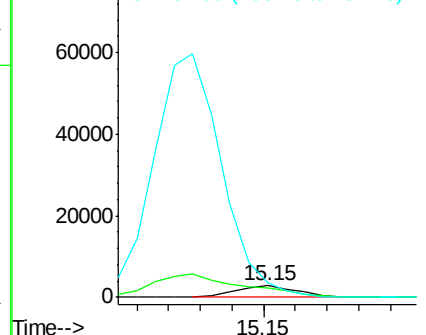
#51
 2,4-Dinitrophenol
 Concen: 1.735 ng/ul
 RT: 15.15 min Scan# 2068
 Delta R.T. -0.00 min
 Lab File: BN000158.D
 Acq: 22 Feb 2018 12:57

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-04

Tgt Ion:184 Resp: 3882
 Ion Ratio Lower Upper
 184 100
 63 85.9 39.7 59.5#
 154 130.7 45.0 67.6#

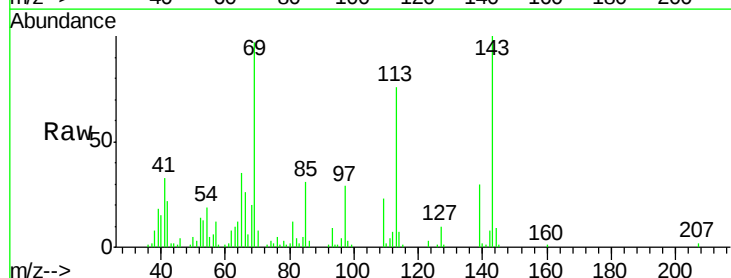


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 154.00 (153.70 to 154.70): E

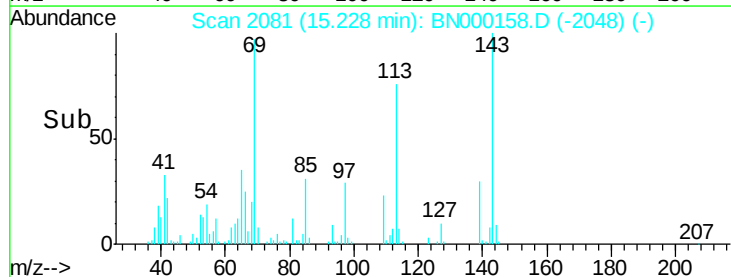
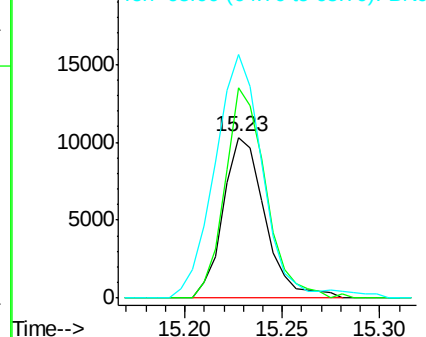


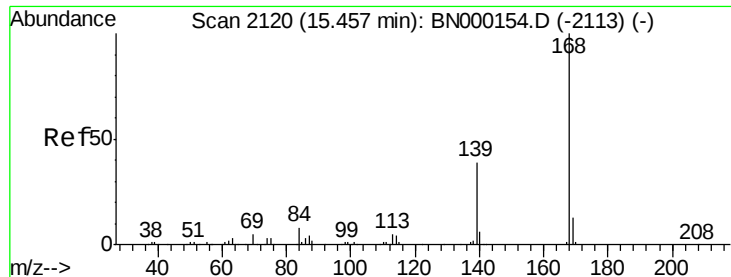
#53
 4-Nitrophenol
 Concen: 3.229 ng/ul
 RT: 15.23 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BN000158.D
 Acq: 22 Feb 2018 12:57

Tgt Ion:109 Resp: 15375
 Ion Ratio Lower Upper
 109 100
 139 131.2 91.2 136.8
 65 151.7 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: 3.958 ng/ul

RT: 15.45 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

Instrument :

BNA_N

ClientSampleId :

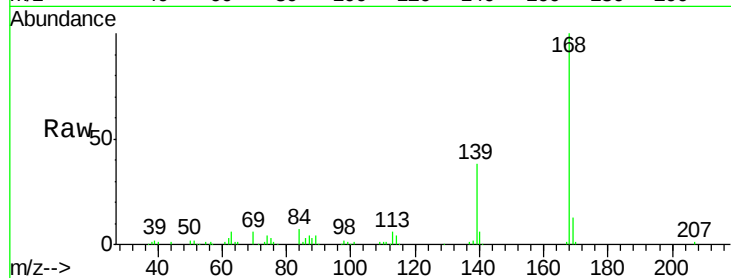
MDL-S-04

Tgt Ion:168 Resp: 143609

Ion Ratio Lower Upper

168 100

139 38.3 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

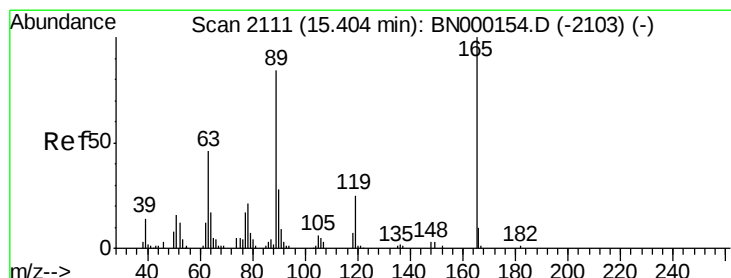
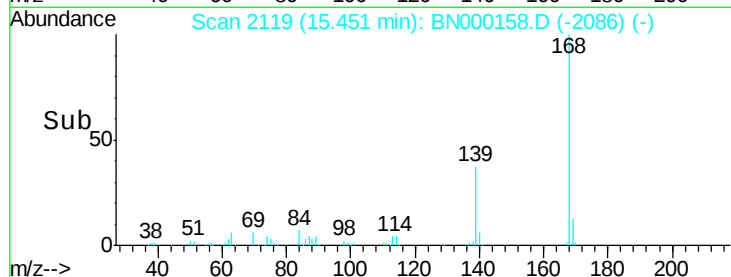
60000

40000

20000

0

Time--> 15.40 15.45 15.50



#55

2,4-Dinitrotoluene

Concen: 2.705 ng/ul

RT: 15.40 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

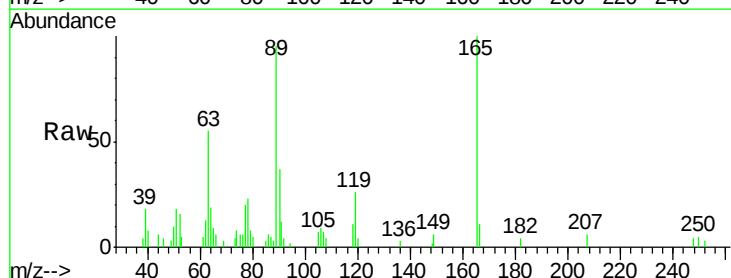
Tgt Ion:165 Resp: 20181

Ion Ratio Lower Upper

165 100

63 55.3 31.4 47.0#

182 3.8 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

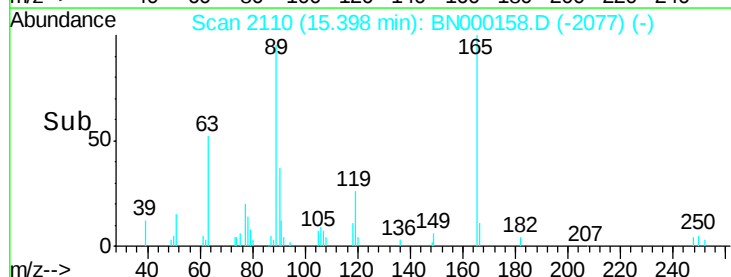
15000

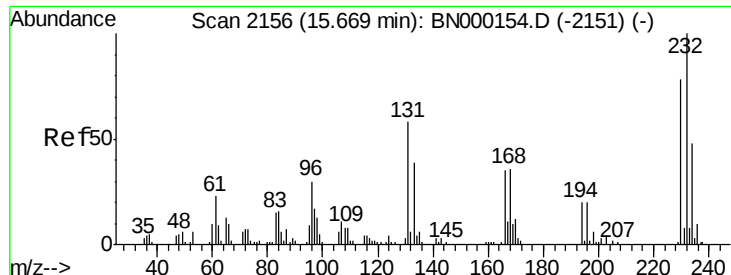
10000

5000

0

Time--> 15.35 15.40

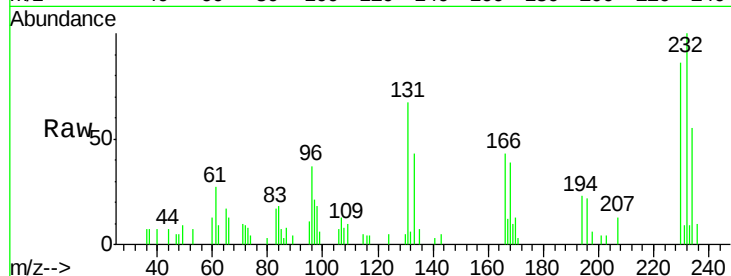




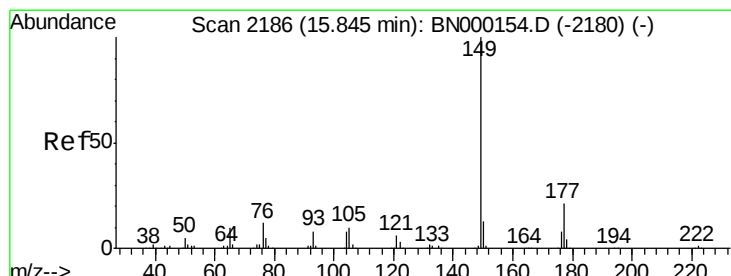
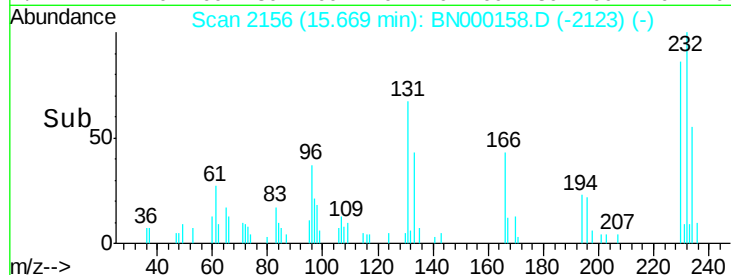
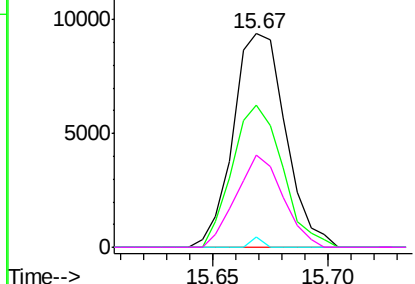
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 2.660 ng/ul
 RT: 15.67 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BN000158.D
 Acq: 22 Feb 2018 12:57

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-04

Tgt Ion:	232	Resp:	14897
Ion	Ratio	Lower	Upper
232	100		
131	66.6	48.0	72.0
130	4.9	4.0	6.0
166	43.0	32.0	48.0

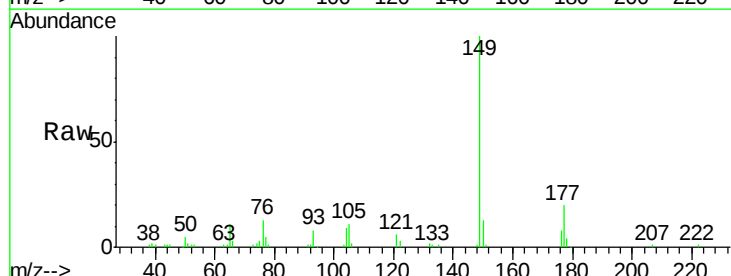


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

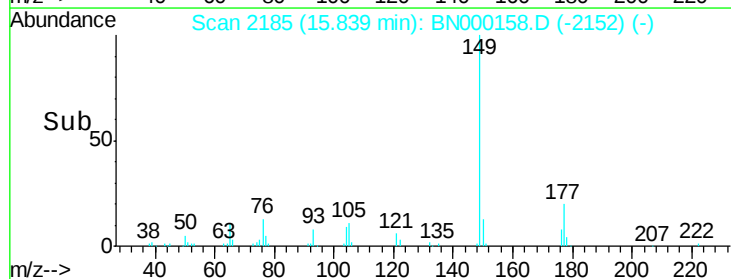
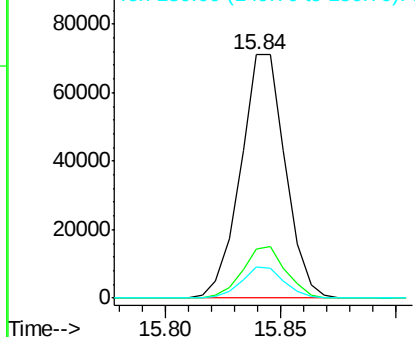


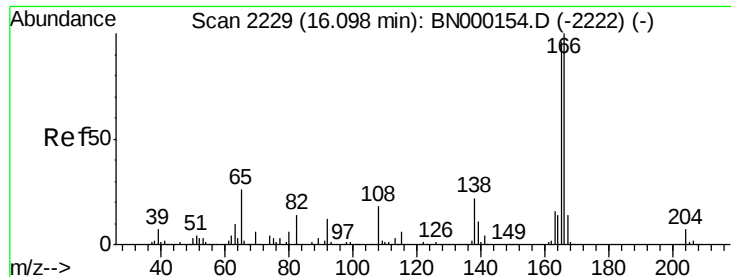
#57
 Diethylphthalate
 Concen: 3.297 ng/ul
 RT: 15.84 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BN000158.D
 Acq: 22 Feb 2018 12:57

Tgt Ion:	149	Resp:	95884
Ion	Ratio	Lower	Upper
149	100		
177	20.3	19.3	28.9
150	12.8	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: 3.959 ng/ul

RT: 16.10 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

Instrument :

BNA_N

ClientSampled :

MDL-S-04

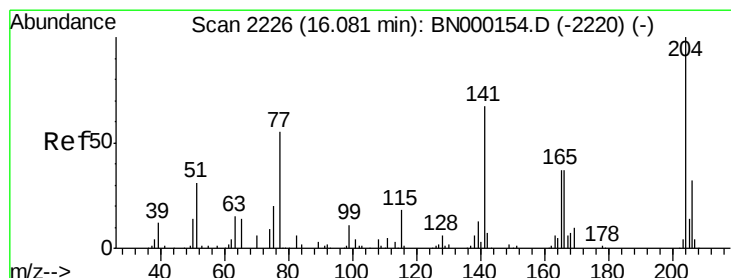
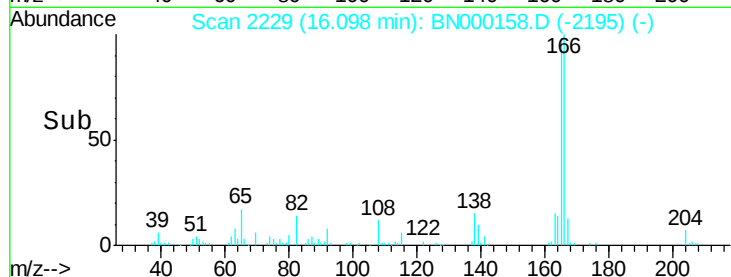
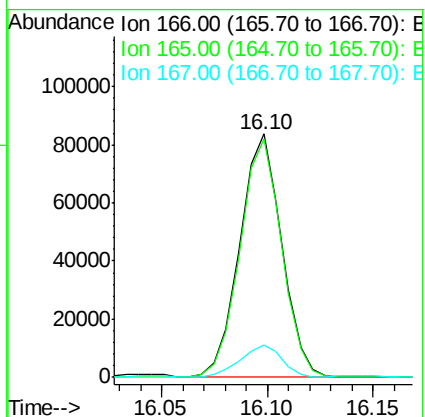
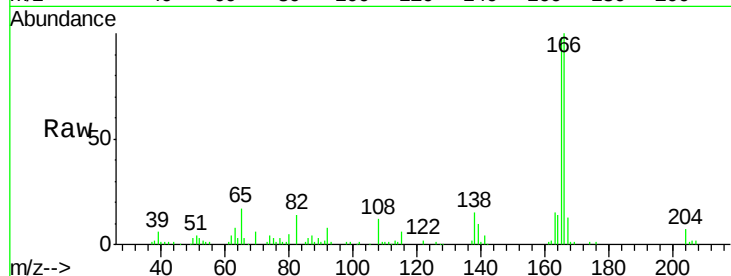
Tgt Ion:166 Resp: 115305

Ion Ratio Lower Upper

166 100

165 97.9 78.4 117.6

167 13.3 11.1 16.7



#60

4-Chlorophenyl-phenylether

Concen: 3.931 ng/ul

RT: 16.08 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

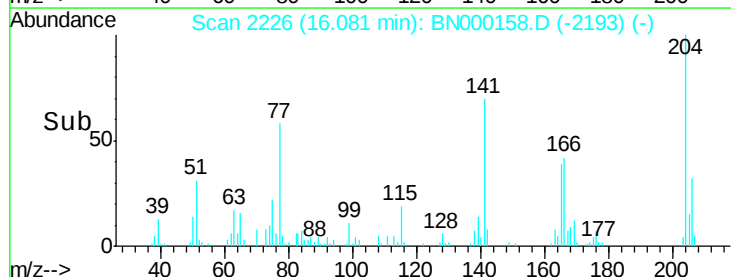
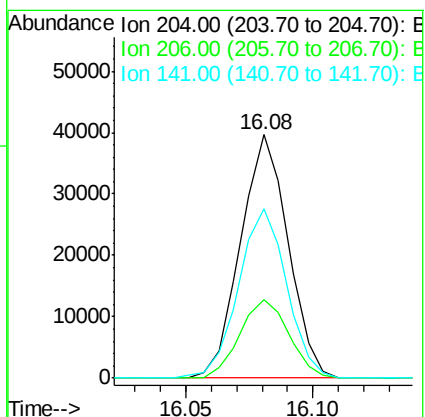
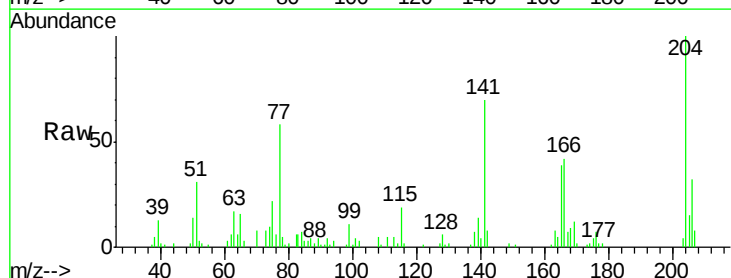
Tgt Ion:204 Resp: 51718

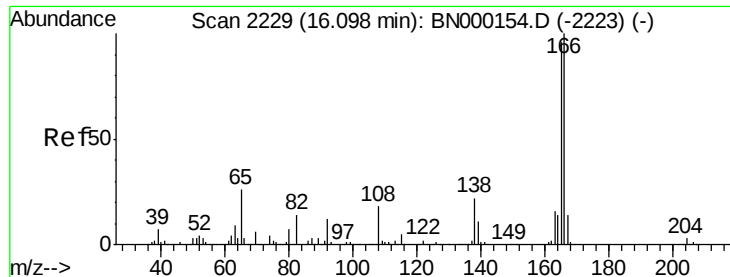
Ion Ratio Lower Upper

204 100

206 32.2 26.6 40.0

141 69.6 40.7 61.1#

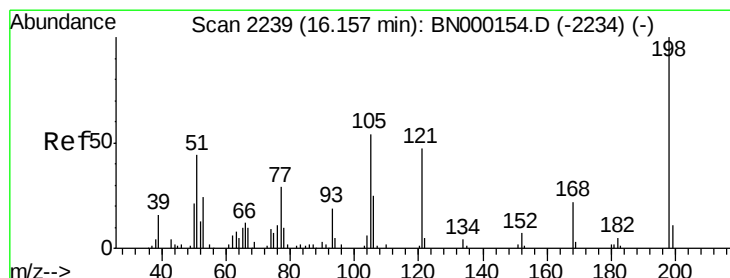
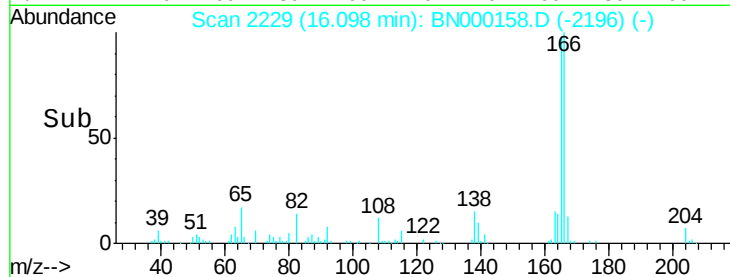
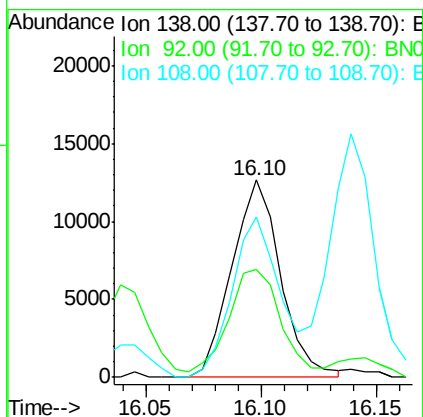
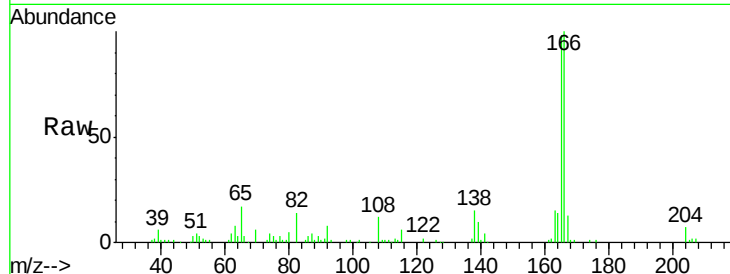




#61
 4-Nitroaniline
 Concen: 2.710 ng/ul
 RT: 16.10 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BN000158.D
 Acq: 22 Feb 2018 12:57

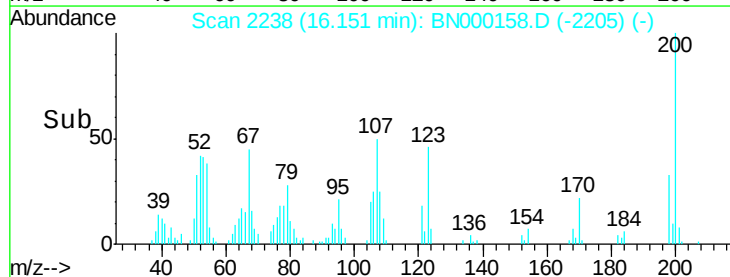
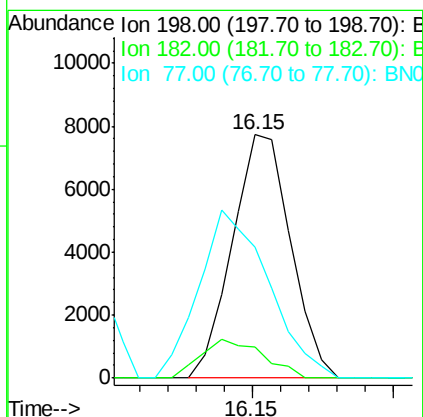
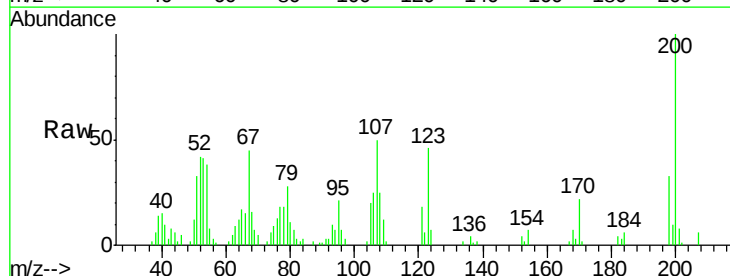
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-04

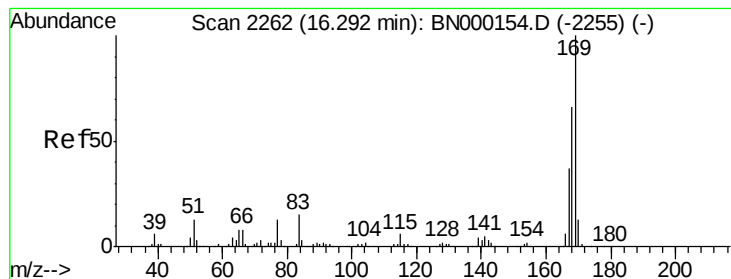
Tgt Ion:138 Resp: 18715
 Ion Ratio Lower Upper
 138 100
 92 54.8 38.2 57.4
 108 81.0 70.0 105.0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.790 ng/ul
 RT: 16.15 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BN000158.D
 Acq: 22 Feb 2018 12:57

Tgt Ion:198 Resp: 11086
 Ion Ratio Lower Upper
 198 100
 182 12.7 3.5 5.3#
 77 53.7 18.2 27.4#





#65

N-Nitrosodiphenylamine

Concen: 3.509 ng/ul

RT: 16.29 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

Instrument :

BNA_N

ClientSampleId :

MDL-S-04

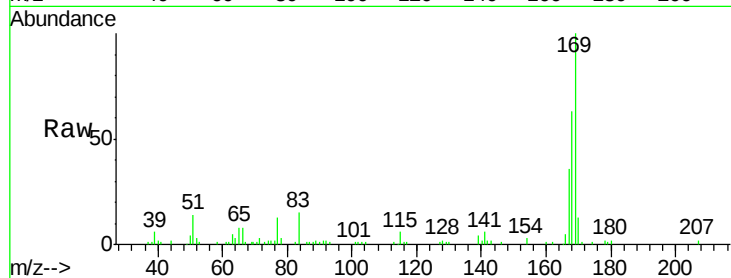
Tgt Ion:169 Resp: 89227

Ion Ratio Lower Upper

169 100

168 62.7 53.8 80.8

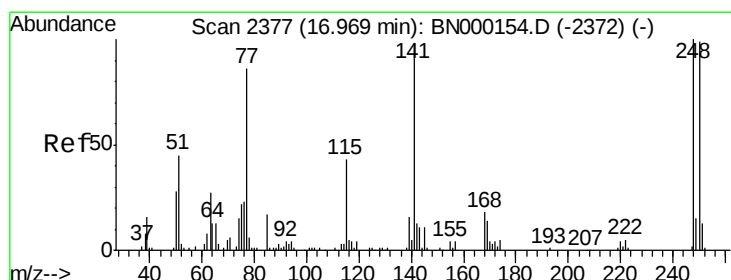
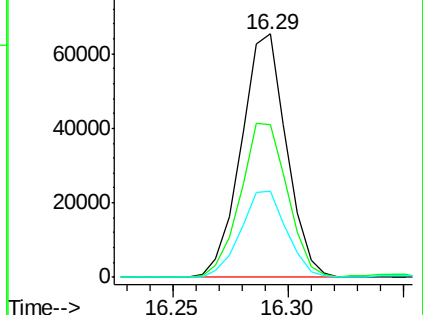
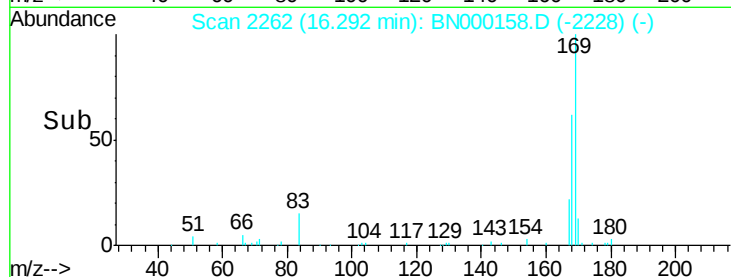
167 35.6 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.332 ng/ul

RT: 16.97 min Scan# 2377

Delta R.T. -0.00 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

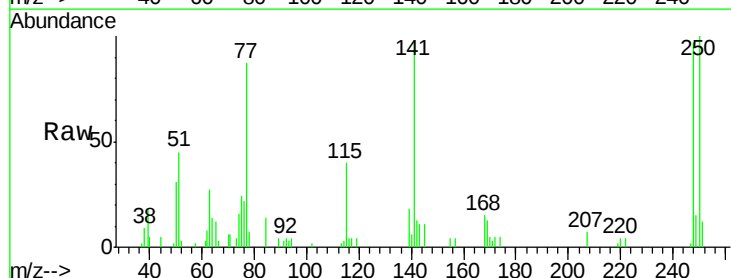
Tgt Ion:248 Resp: 24787

Ion Ratio Lower Upper

248 100

250 103.4 79.0 118.4

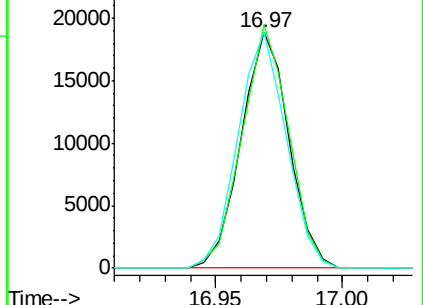
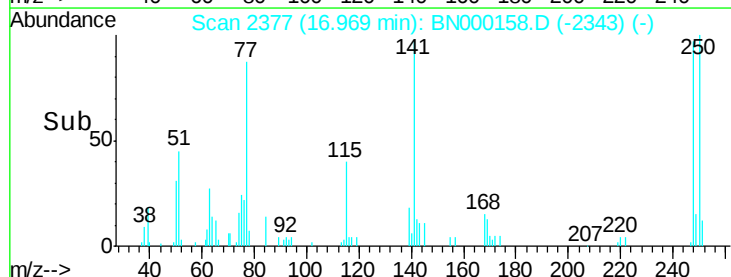
141 100.5 51.9 77.9#

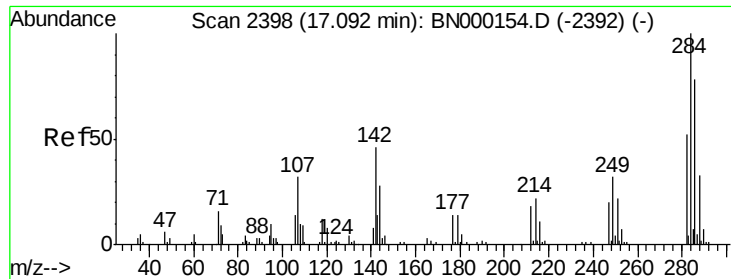


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 3.622 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

Instrument :

BNA_N

ClientSampleId :

MDL-S-04

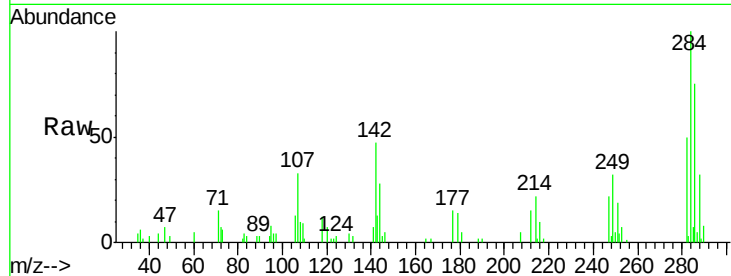
Tgt Ion:284 Resp: 30027

Ion Ratio Lower Upper

284 100

142 46.7 21.3 31.9#

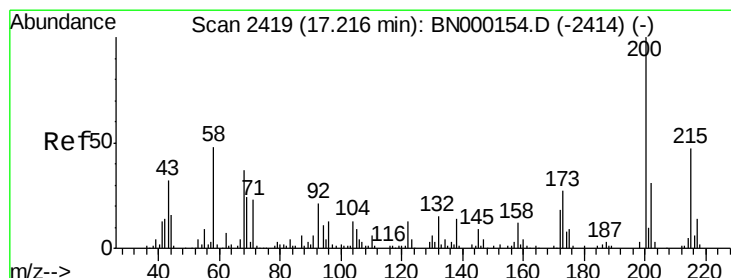
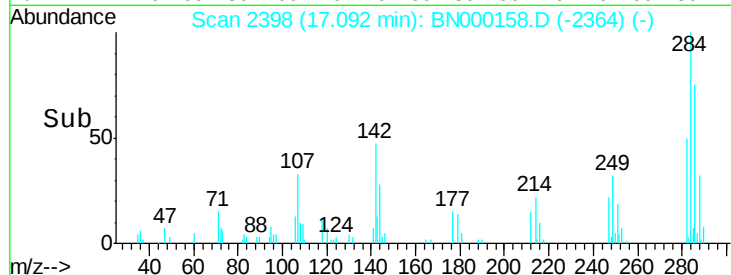
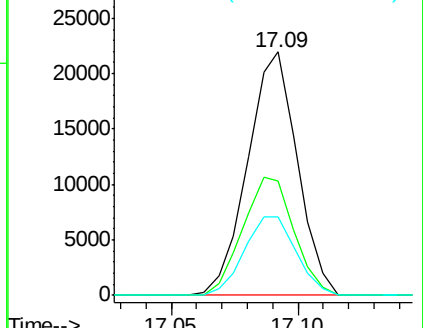
249 32.3 26.3 39.5



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: 2.463 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

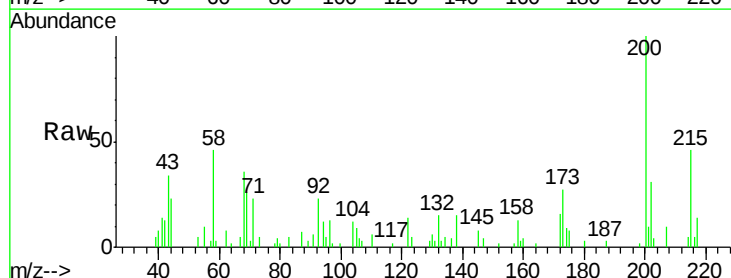
Tgt Ion:200 Resp: 18930

Ion Ratio Lower Upper

200 100

173 27.1 20.6 31.0

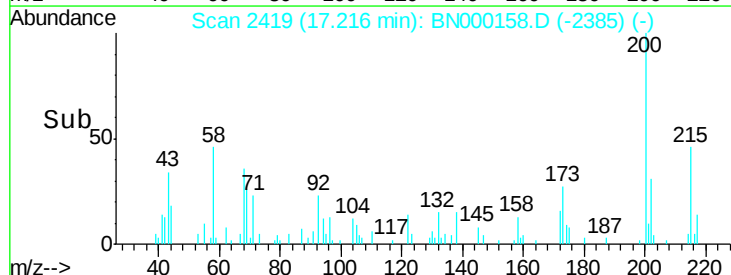
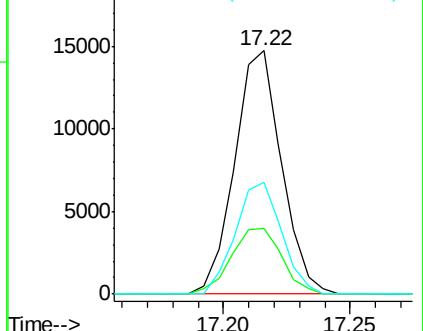
215 46.1 39.8 59.6

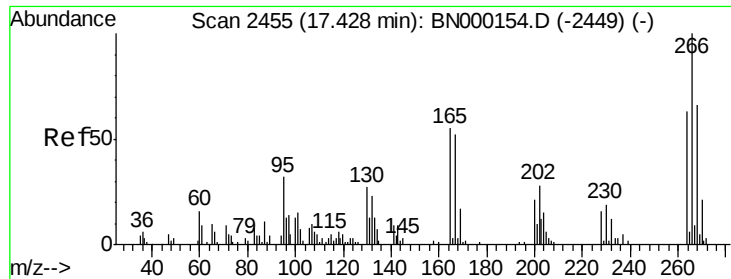


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

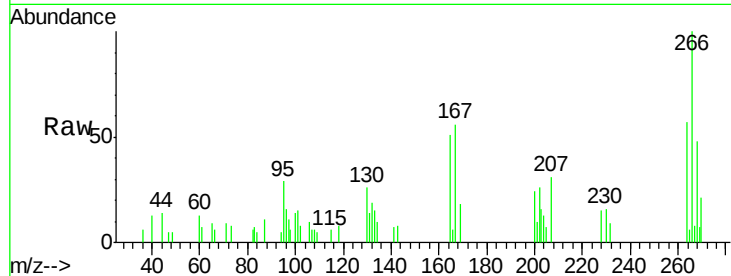




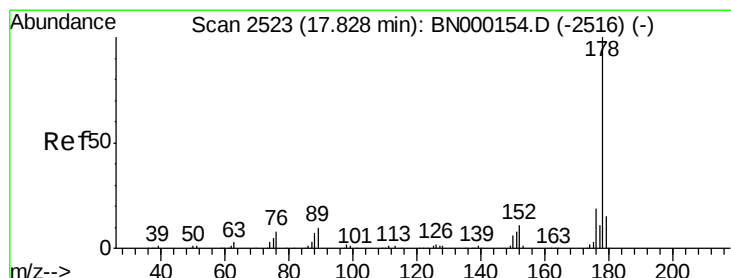
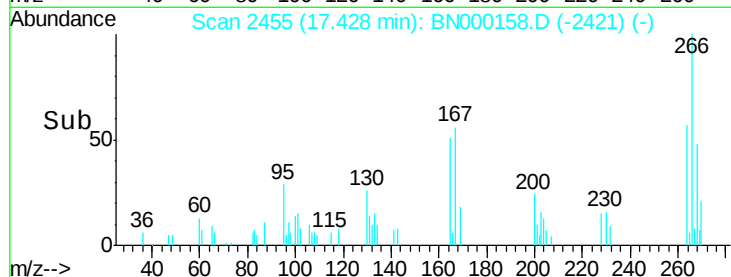
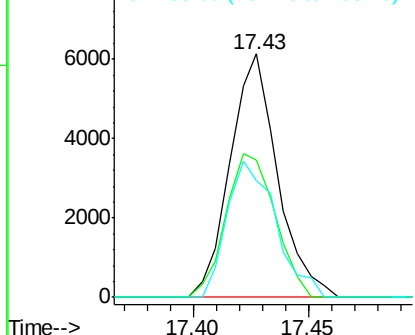
#69
 Pentachlorophenol
 Concen: 1.945 ng/ul
 RT: 17.43 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BN000158.D
 Acq: 22 Feb 2018 12:57

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-04

Tgt Ion:266 Resp: 8748
 Ion Ratio Lower Upper
 266 100
 264 56.5 48.2 72.4
 268 47.9 52.3 78.5#

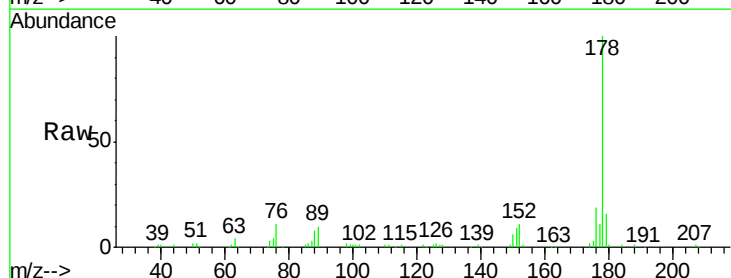


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

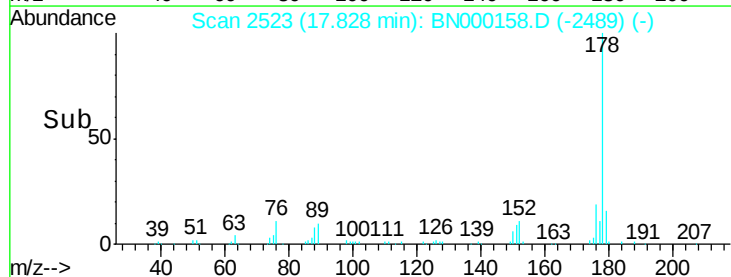
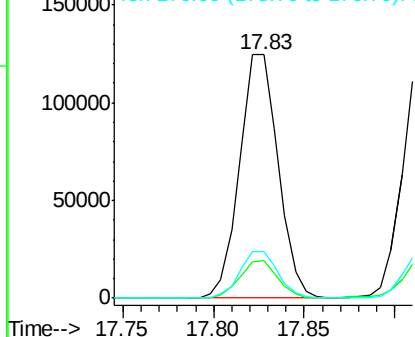


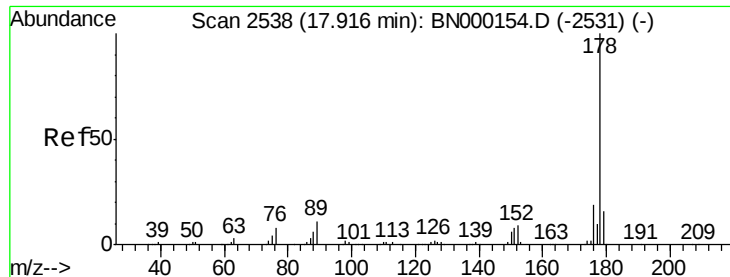
#70
 Phenanthrene
 Concen: 3.861 ng/ul
 RT: 17.83 min Scan# 2523
 Delta R.T. -0.00 min
 Lab File: BN000158.D
 Acq: 22 Feb 2018 12:57

Tgt Ion:178 Resp: 184697
 Ion Ratio Lower Upper
 178 100
 179 15.7 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: 3.846 ng/ul

RT: 17.92 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

Instrument :

BNA_N

ClientSampleId :

MDL-S-04

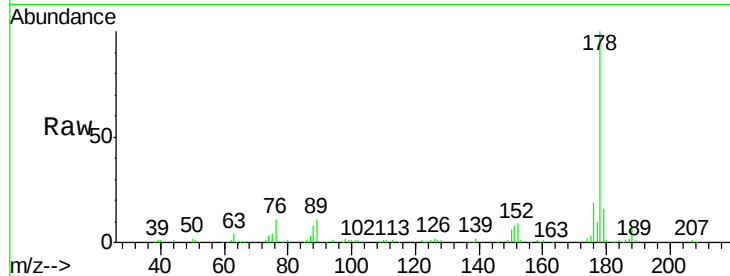
Tgt Ion:178 Resp: 187353

Ion Ratio Lower Upper

178 100

179 15.6 13.4 20.2

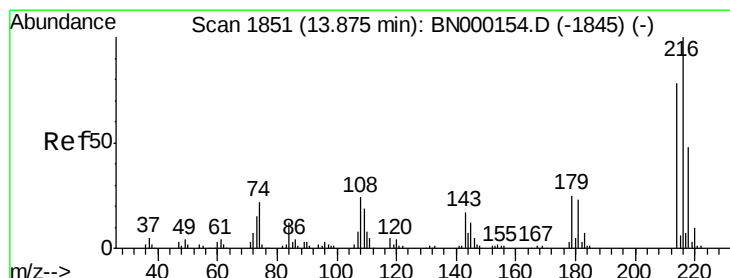
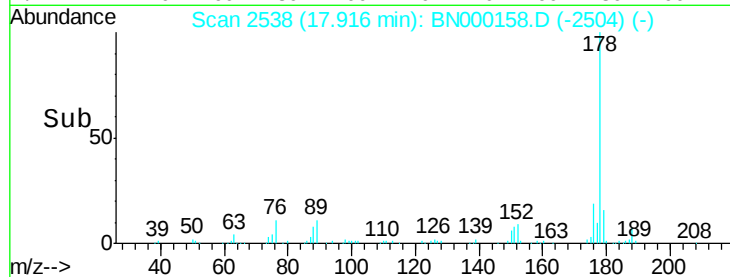
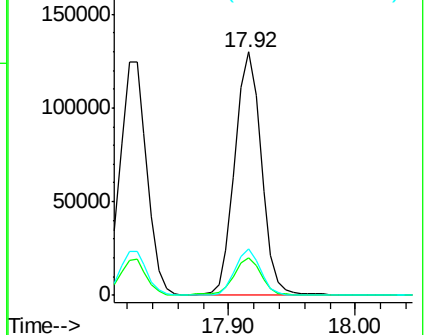
176 19.3 15.4 23.0



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: 3.688 ng/uL

RT: 13.87 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

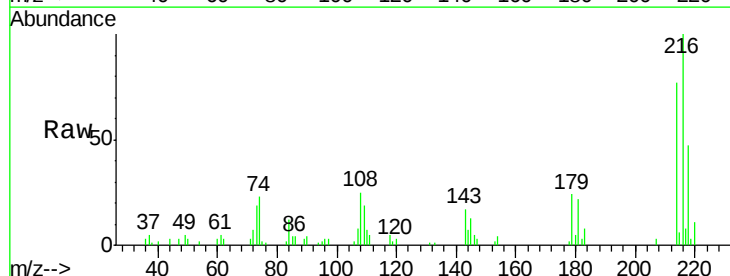
Tgt Ion:216 Resp: 39844

Ion Ratio Lower Upper

216 100

214 77.3 64.1 96.1

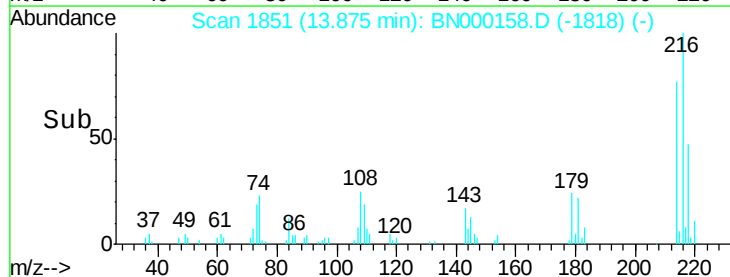
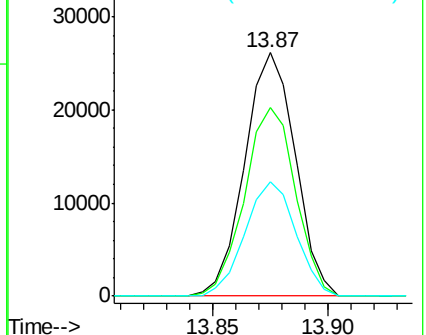
218 47.2 39.4 59.0

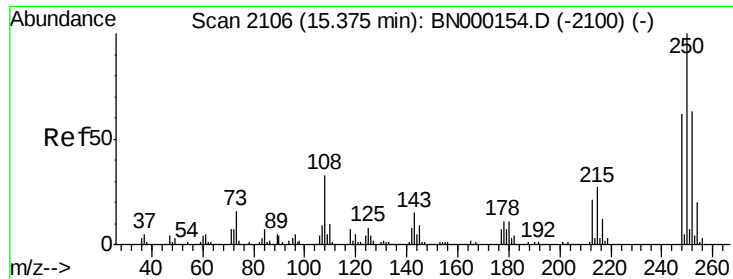


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 3.737 ng/uL

RT: 15.37 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

Instrument :

BNA_N

ClientSampleId :

MDL-S-04

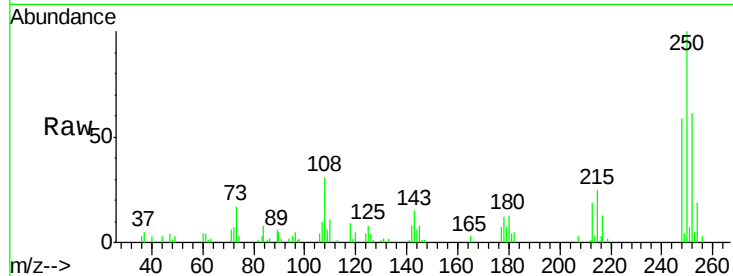
Tgt Ion:250 Resp: 38638

Ion Ratio Lower Upper

250 100

248 59.3 51.4 77.2

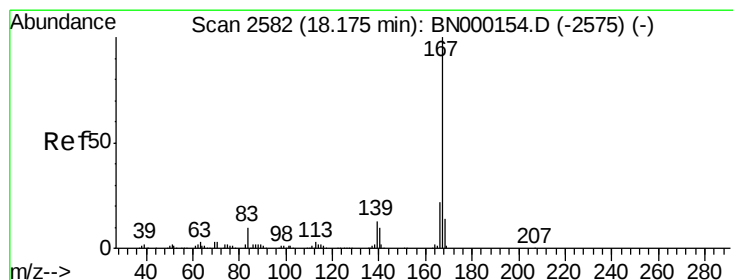
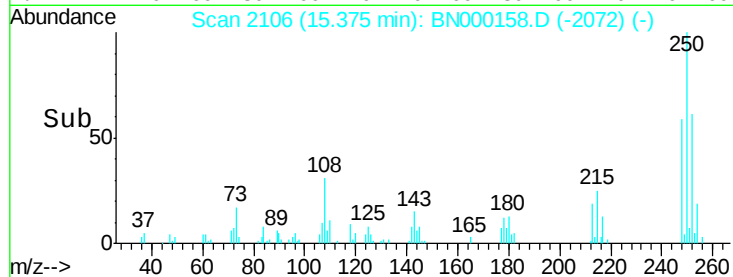
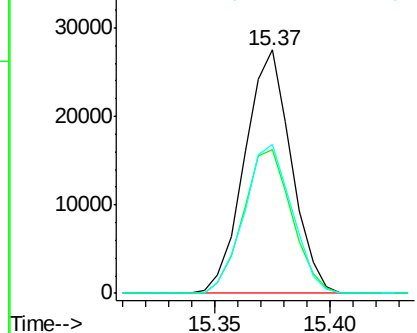
252 61.0 49.8 74.6



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: 3.443 ng/uL

RT: 18.17 min Scan# 2582

Delta R.T. -0.01 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

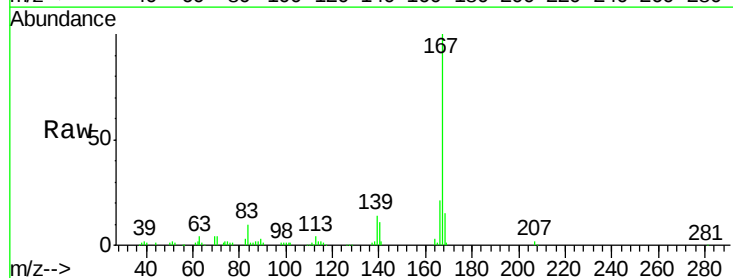
Tgt Ion:167 Resp: 150274

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.4

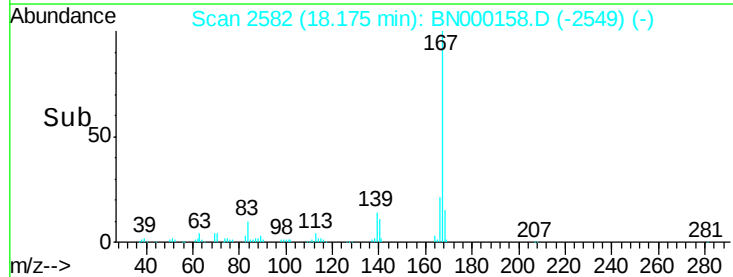
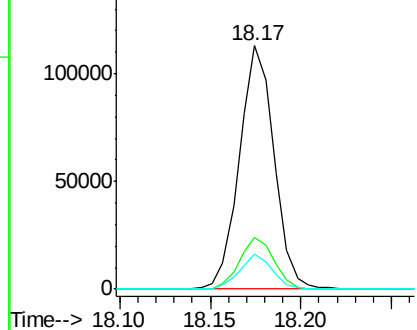
139 14.2 9.1 13.7#

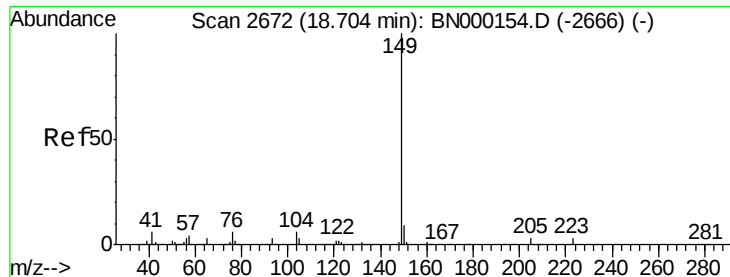


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#76

Di-n-butylphthalate

Concen: 2.542 ng/ul

RT: 18.70 min Scan# 2672

Delta R.T. -0.00 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

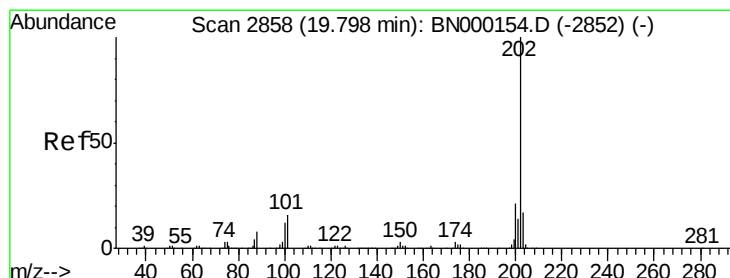
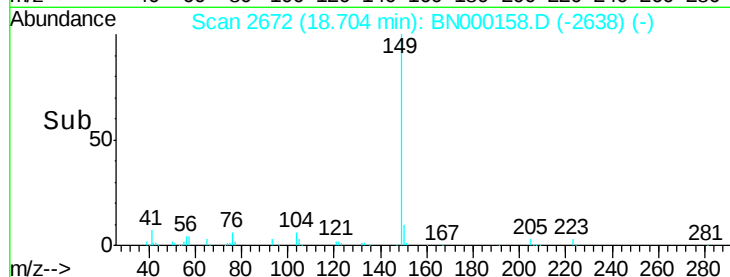
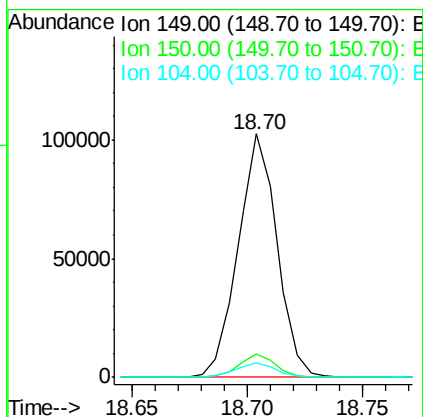
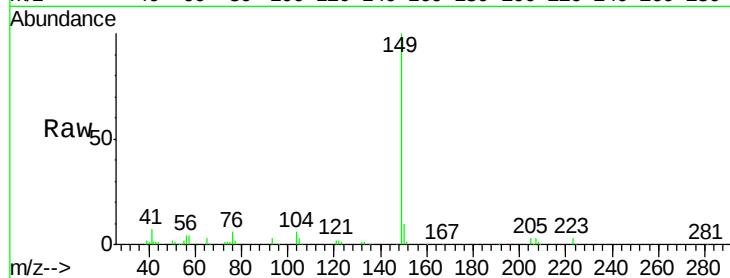
Instrument :

BNA_N

ClientSampleId :

MDL-S-04

Tgt Ion:	149	Resp:	120386
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.5	11.3
104	6.2	4.1	6.1#



#77

Fluoranthene

Concen: 3.475 ng/ul

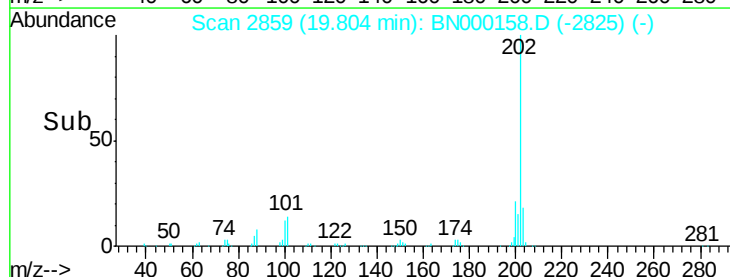
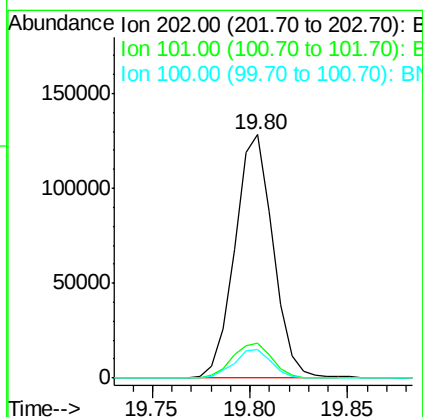
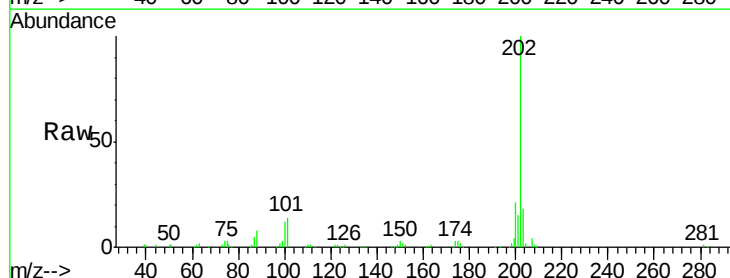
RT: 19.80 min Scan# 2859

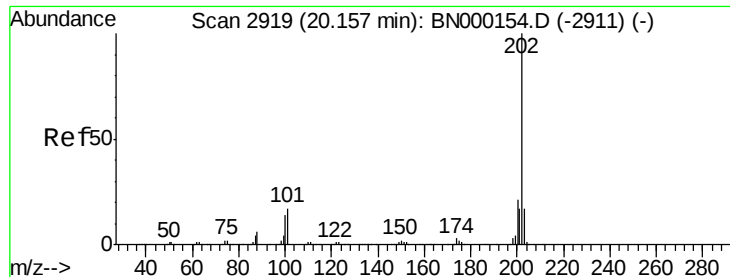
Delta R.T. -0.00 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

Tgt Ion:	202	Resp:	174034
Ion Ratio	Lower	Upper	
202	100		
101	14.3	6.1	9.1#
100	11.5	4.6	7.0#





#80

Pyrene

Concen: 3.817 ng/ul

RT: 20.16 min Scan# 2919

Delta R.T. -0.01 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

Instrument :

BNA_N

ClientSampleId :

MDL-S-04

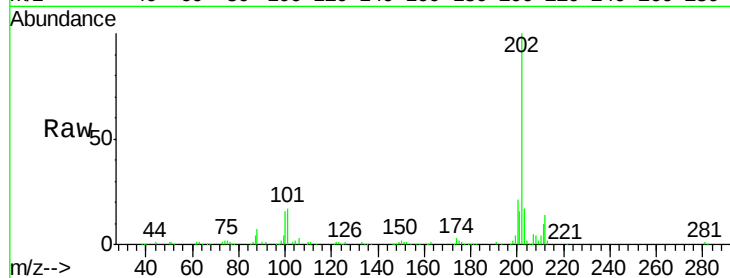
Tgt Ion:202 Resp: 218962

Ion Ratio Lower Upper

202 100

101 17.3 6.9 10.3#

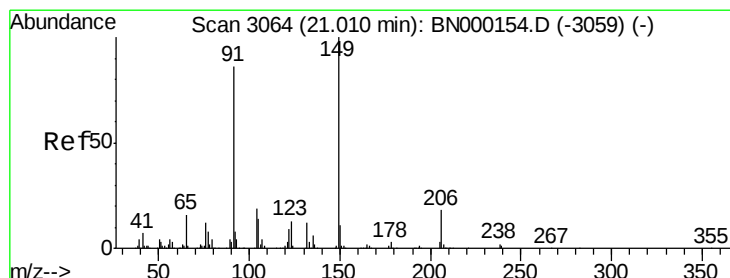
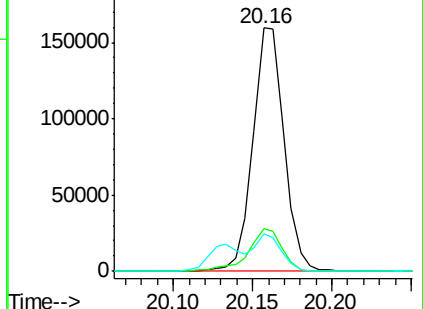
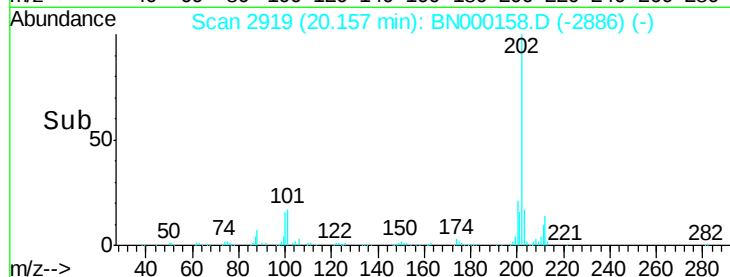
100 15.6 5.6 8.4#



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: 1.957 ng/ul

RT: 21.02 min Scan# 3065

Delta R.T. -0.00 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

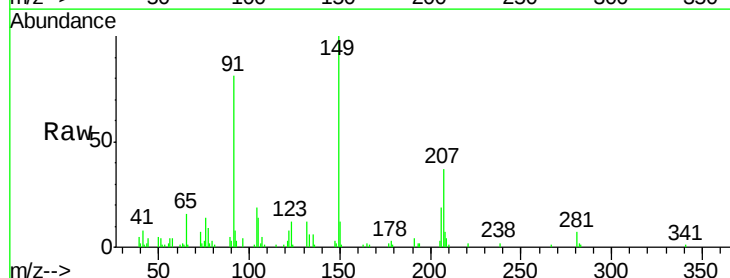
Tgt Ion:149 Resp: 43439

Ion Ratio Lower Upper

149 100

91 81.0 53.4 80.0#

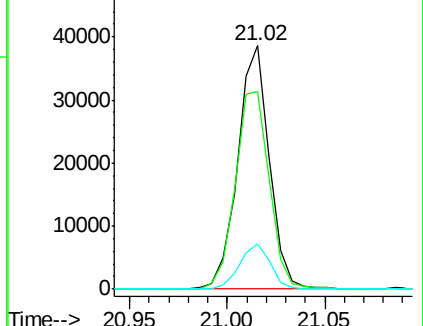
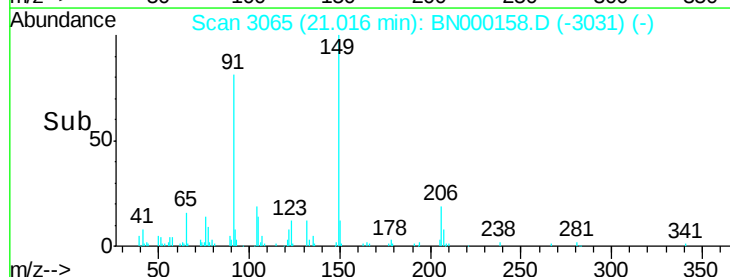
206 18.6 19.3 28.9#

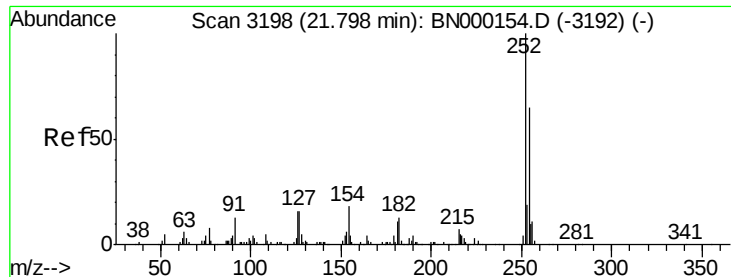


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 2.113 ng/ul

RT: 21.80 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

Instrument :

BNA_N

ClientSampleId :

MDL-S-04

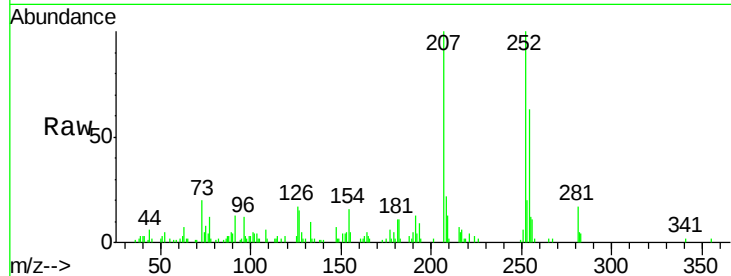
Tgt Ion:252 Resp: 34668

Ion Ratio Lower Upper

252 100

254 63.1 52.8 79.2

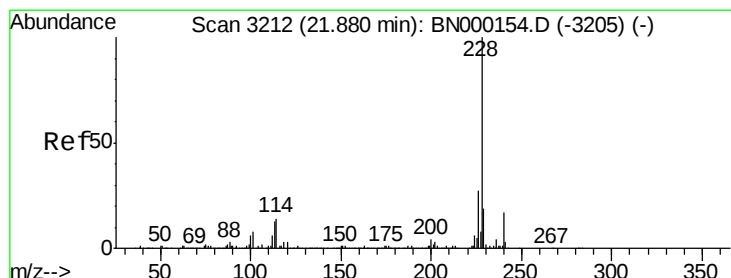
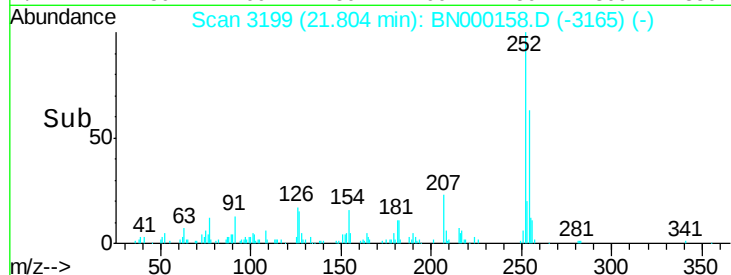
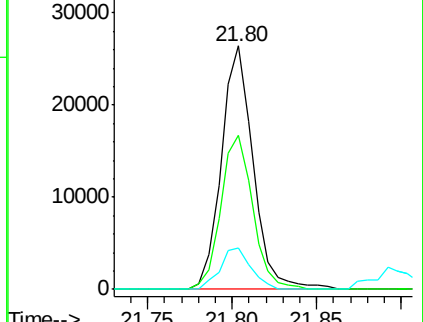
126 16.9 6.9 10.3#



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: 3.577 ng/ul

RT: 21.88 min Scan# 3212

Delta R.T. -0.00 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

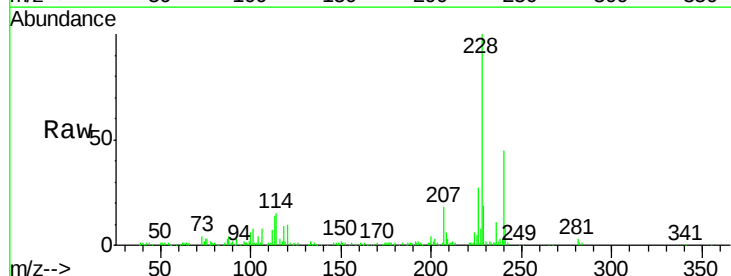
Tgt Ion:228 Resp: 201114

Ion Ratio Lower Upper

228 100

229 19.3 16.0 24.0

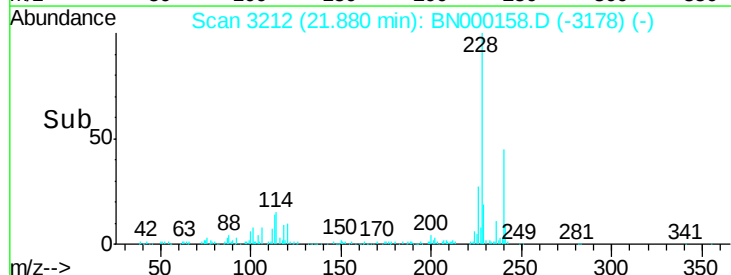
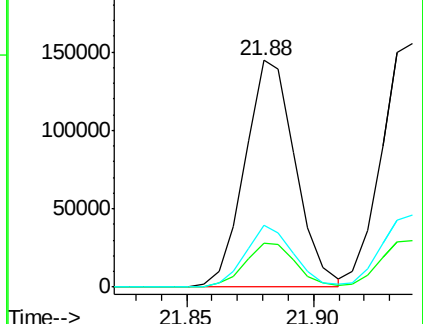
226 27.1 21.8 32.8

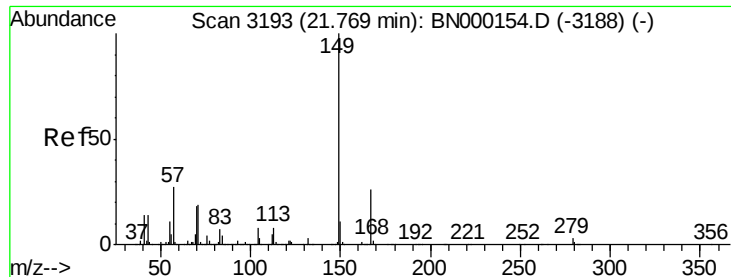


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.898 ng/ul

RT: 21.77 min Scan# 3194

Delta R.T. -0.00 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

Instrument :

BNA_N

ClientSampleId :

MDL-S-04

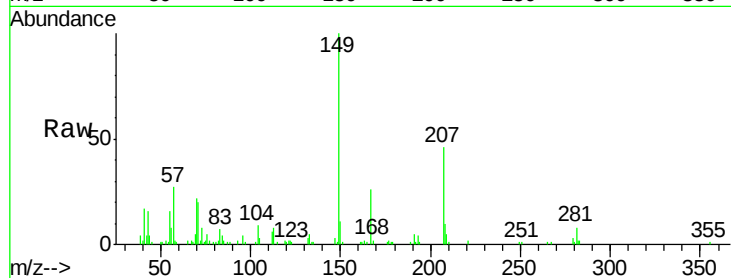
Tgt Ion:149 Resp: 63302

Ion Ratio Lower Upper

149 100

167 26.2 23.0 34.6

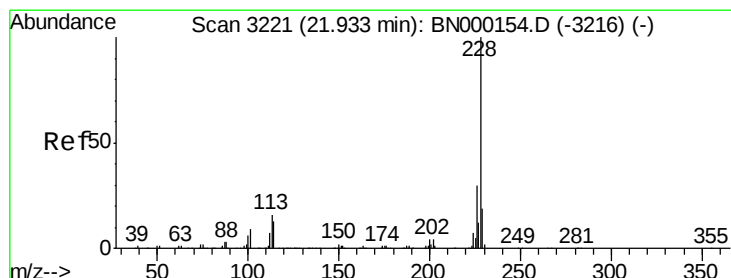
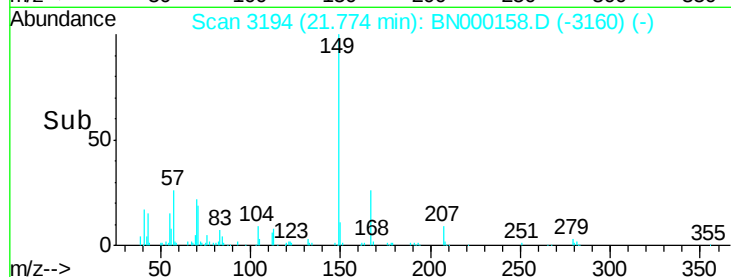
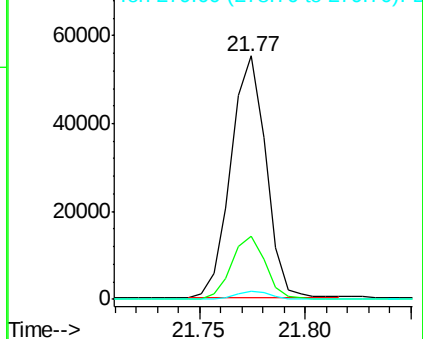
279 3.2 4.3 6.5#



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: 3.920 ng/ul

RT: 21.94 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

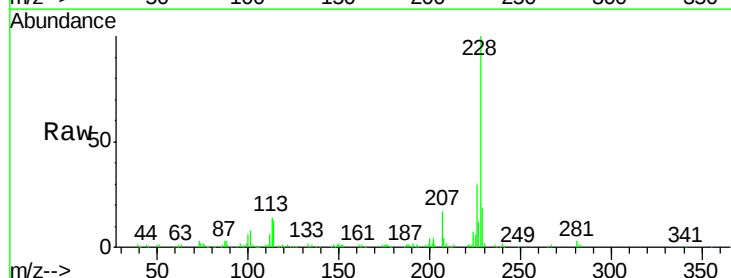
Tgt Ion:228 Resp: 213045

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

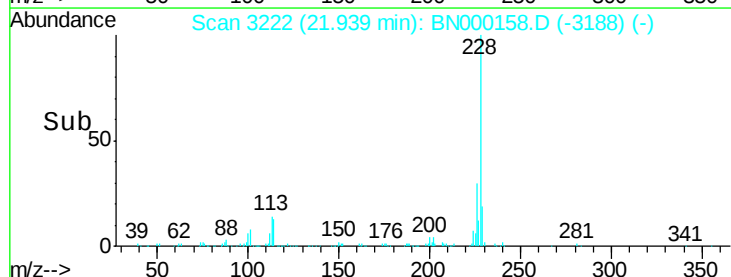
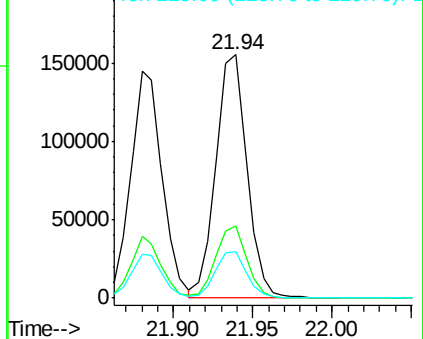
229 19.4 16.0 24.0

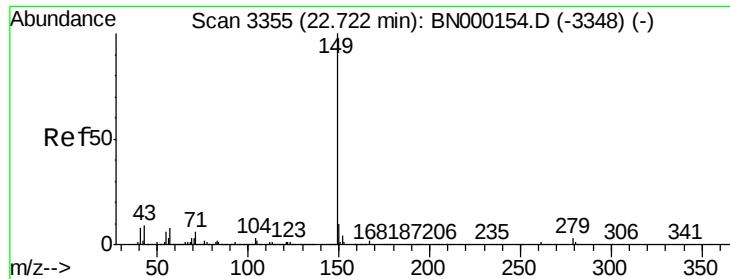


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 1.750 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. -0.00 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

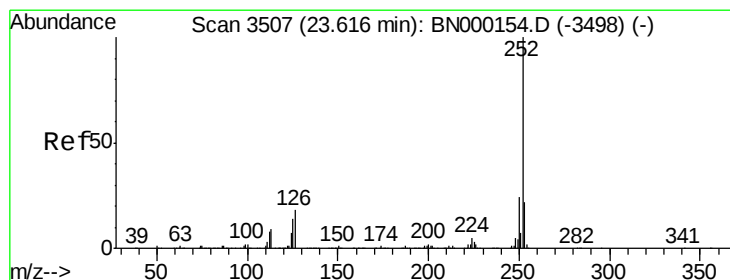
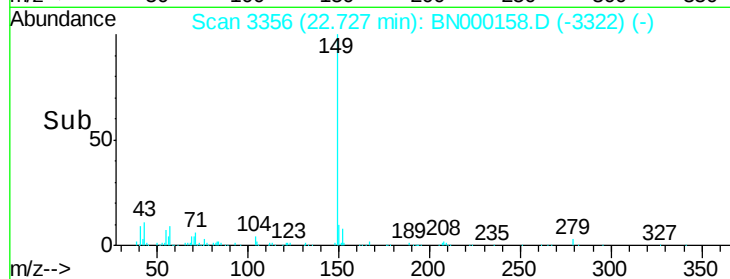
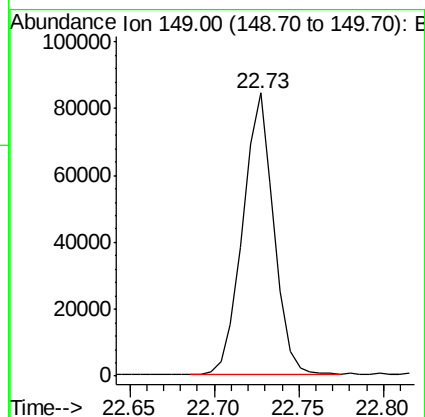
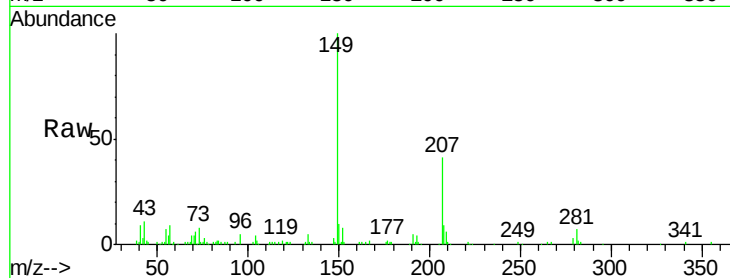
Instrument :

BNA_N

ClientSampleId :

MDL-S-04

Tgt Ion:149 Resp: 107272



#88

Benzo(b)fluoranthene

Concen: 3.573 ng/ul

RT: 23.62 min Scan# 3508

Delta R.T. -0.00 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

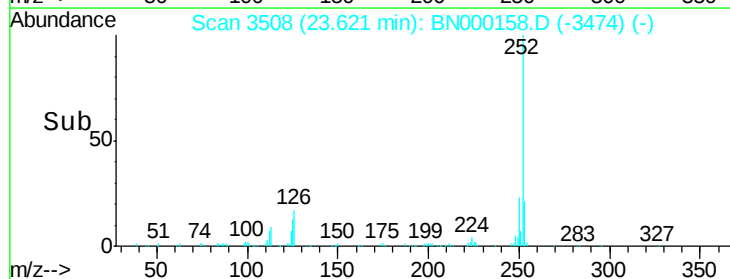
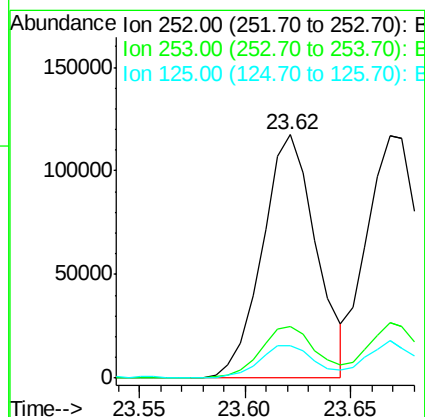
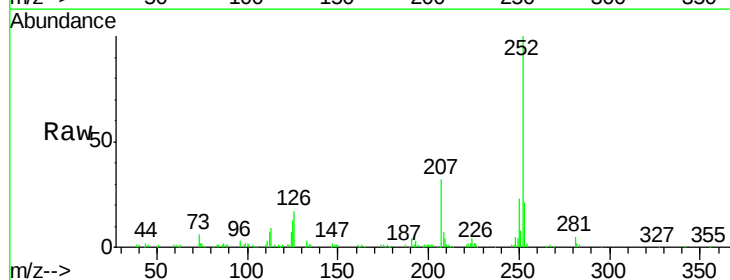
Tgt Ion:252 Resp: 208447

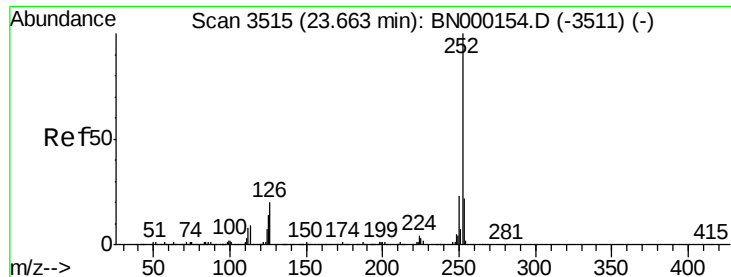
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 13.4 4.9 7.3#





#89

Benzo(k)fluoranthene

Concen: 3.621 ng/ul

RT: 23.67 min Scan# 3516

Delta R.T. -0.00 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

Instrument :

BNA_N

ClientSampleId :

MDL-S-04

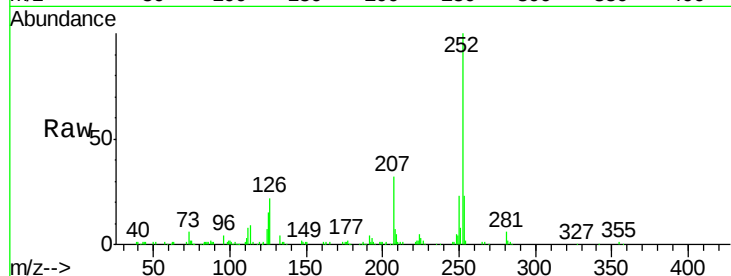
Tgt Ion:252 Resp: 208466

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

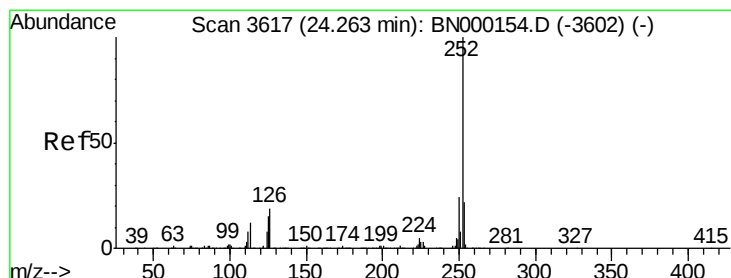
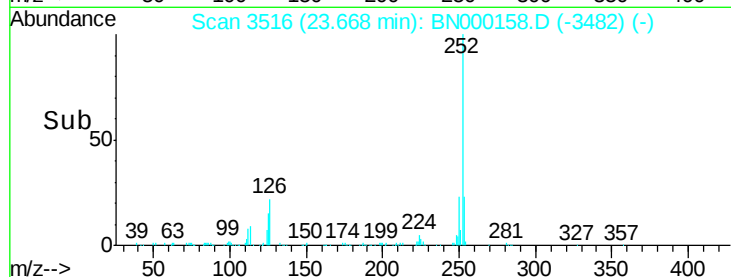
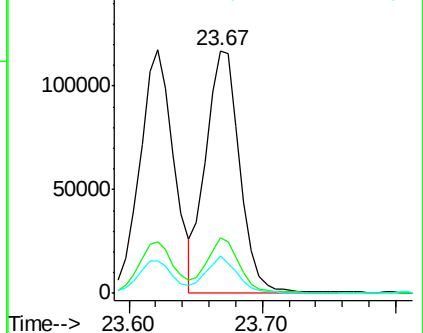
125 15.2 5.4 8.0#



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: 3.796 ng/ul

RT: 24.27 min Scan# 3618

Delta R.T. -0.00 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

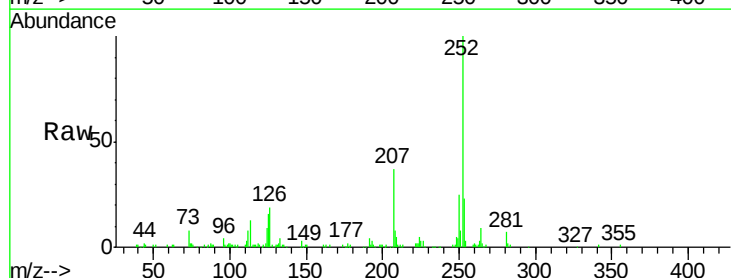
Tgt Ion:252 Resp: 220871

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

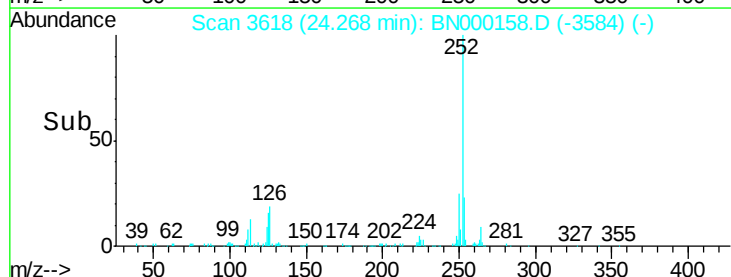
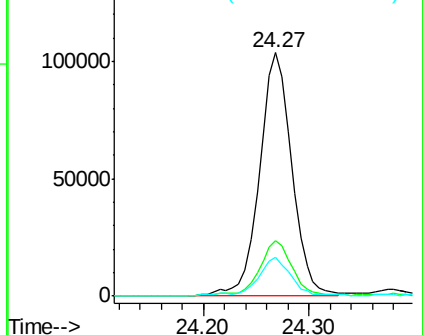
125 16.2 5.8 8.6#

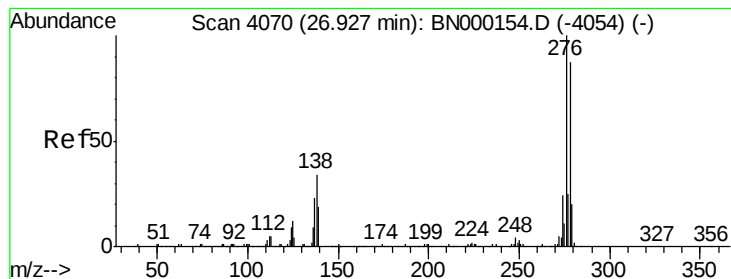


Abundance Ion 252.00 (251.70 to 252.70): E

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: 3.485 ng/ul

RT: 26.92 min Scan# 4069

Delta R.T. -0.01 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

Instrument :

BNA_N

ClientSampleId :

MDL-S-04

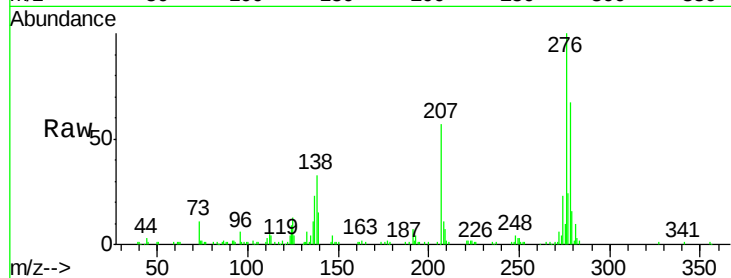
Tgt Ion:276 Resp: 237047

Ion Ratio Lower Upper

276 100

138 33.4 10.9 16.3#

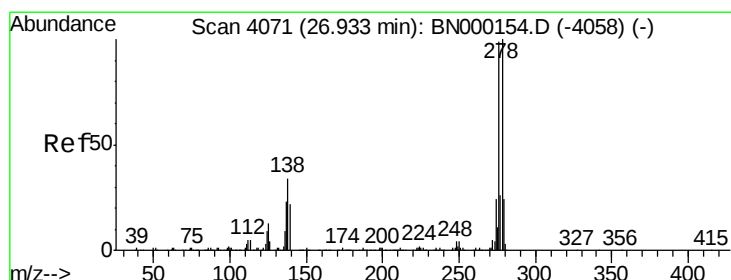
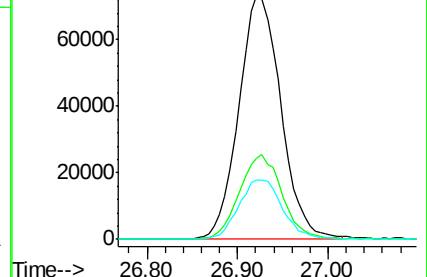
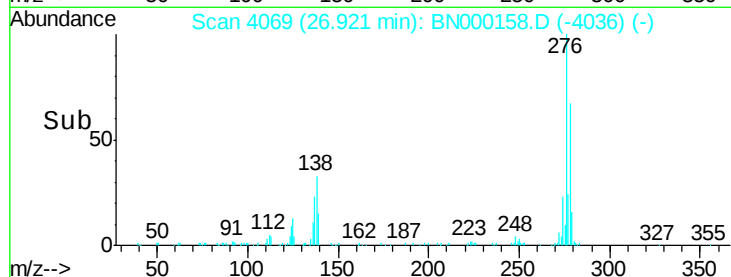
277 24.2 18.9 28.3



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: 3.531 ng/ul

RT: 26.94 min Scan# 4072

Delta R.T. -0.00 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

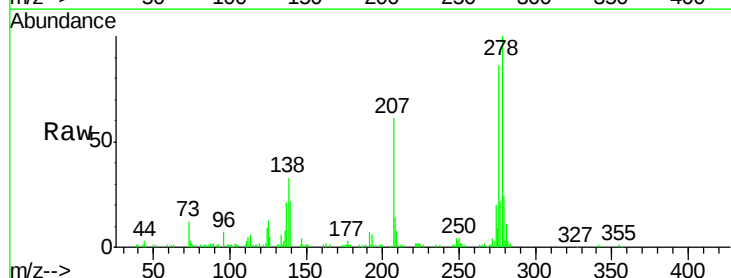
Tgt Ion:278 Resp: 200181

Ion Ratio Lower Upper

278 100

139 22.5 9.0 13.4#

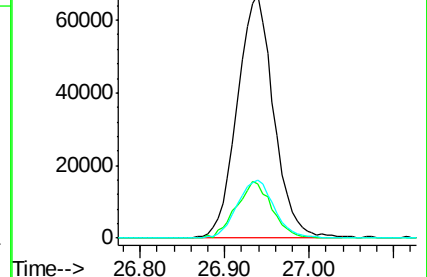
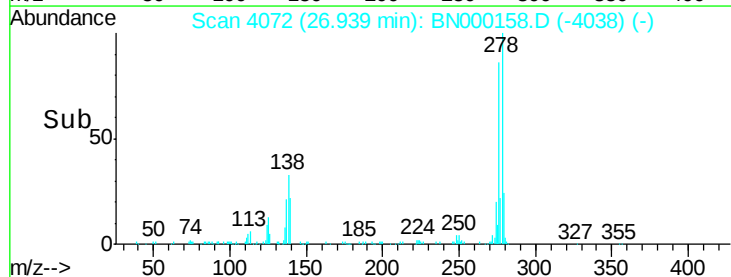
279 24.0 19.1 28.7

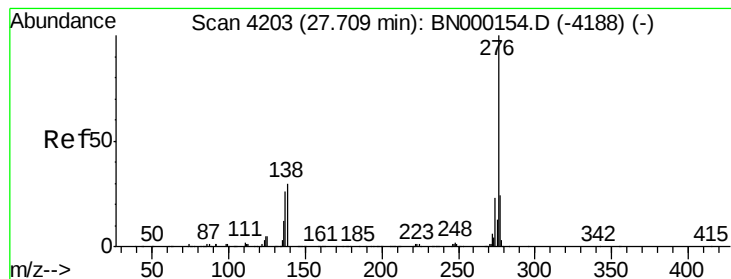


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.596 ng/ul

RT: 27.71 min Scan# 4203

Delta R.T. -0.01 min

Lab File: BN000158.D

Acq: 22 Feb 2018 12:57

Instrument :

BNA_N

ClientSampleId :

MDL-S-04

Tgt Ion: 276 Resp: 204037

Ion Ratio Lower Upper

276 100

138 29.8 11.2 16.8#

277 24.5 19.0 28.6

