

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022218\
 Data File : BN000159.D
 Acq On : 22 Feb 2018 13:31
 Operator : JU/SJ
 Sample : MDL-S-05
 Misc : 1 PPM/4 PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-05

Quant Time: Feb 22 14:08:44 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	8.46	152	131490	20.00	ng/ul	0.00
18) Naphthalene-d8	11.29	136	644706	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.06	164	369039	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.78	188	807879	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	902449	20.00	ng/ul	0.00
86) Perylene-d12	24.37	264	1001946	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	14086	4.44	ng/uL	0.00
5) Phenol-d5	7.58	99	346764	26.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.76	67	221306	29.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.98	132	251057	27.58	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	285566	26.60	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	118081	27.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	107168	26.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	238696	26.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	409156	40.95	ng/ul	0.00
44) Dimethylphthalate-d6	14.45	166	826028	29.43	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	1058383	29.34	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	124014	22.25	ng/ul	0.00
58) Fluorene-d10	16.04	176	734480	29.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.14	200	71952	19.84	ng/ul	0.00
71) Anthracene-d10	17.88	188	1124924	29.67	ng/ul	0.00
79) Pyrene-d10	20.13	212	1218499	28.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.22	264	1348470	29.70	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.66	88	4613	1.321	ng/uL	95
4) Benzaldehyde	7.57	77	27802	6.353	ng/ul	97
6) Phenol	7.60	94	56427	4.010	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.85	93	47713	4.481	ng/ul	96
10) 2-Chlorophenol	8.00	128	39916	4.139	ng/ul	98
11) 2-Methylphenol	8.89	108	35293	3.453	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.98	45	50647	4.391	ng/ul#	94
14) Acetophenone	9.28	105	67993	4.031	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.26	70	28056	3.684	ng/ul#	92
16) 4-Methylphenol	9.21	108	44409	3.878	ng/ul	94
17) Hexachloroethane	9.56	117	14694	3.987	ng/ul#	66
20) Nitrobenzene	9.67	77	51617	4.402	ng/ul	96
21) Isophorone	10.19	82	75816	3.420	ng/ul	99
23) 2-Nitrophenol	10.39	139	19239	4.076	ng/ul	99
24) 2,4-Dimethylphenol	10.43	107	46272	3.772	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.67	93	62344	4.119	ng/ul	94
27) 2,4-Dichlorophenol	10.92	162	36742	4.068	ng/ul#	89
28) Naphthalene	11.35	128	152311	4.468	ng/ul	100
30) 4-Chloroaniline	11.44	127	39391	3.779	ng/ul	95
31) Hexachlorobutadiene	11.62	225	20997	4.388	ng/ul	97
32) Caprolactam	12.16	113	9905	2.893	ng/ul	86
33) 4-Chloro-3-methylphenol	12.52	107	35561	3.207	ng/ul	98
34) 2-Methylnaphthalene	12.92	142	101164	4.258	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.13	142	99311	4.165	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	13.27	216	44462	4.395	ng/ul#	92
38) Hexachlorocyclopentadiene	13.26	237	15449	3.155	ng/ul#	91
39) 2,4,6-Trichlorophenol	13.50	196	20502	3.214	ng/ul	99
40) 2,4,5-Trichlorophenol	13.57	196	22213	3.240	ng/ul	96
41) 1,1'-Biphenyl	13.90	154	135795	4.492	ng/ul#	94
42) 2-Chloronaphthalene	13.95	162	101262	4.361	ng/ul	94
43) 2-Nitroaniline	14.14	65	16821	2.829	ng/ul	93
45) Dimethylphthalate	14.50	163	124859	4.380	ng/ul#	98
46) 2,6-Dinitrotoluene	14.62	165	12897	2.708	ng/ul#	69
48) Acenaphthylene	14.79	152	164538	4.496	ng/ul	99
49) 3-Nitroaniline	14.95	138	15101	2.649	ng/ul#	78
50) Acenaphthene	15.13	153	115780	4.486	ng/ul	99
51) 2,4-Dinitrophenol	15.15	184	4501	2.037	ng/ul#	21
53) 4-Nitrophenol	15.23	109	18111	3.852	ng/ul	88
54) Dibenzofuran	15.46	168	164311	4.586	ng/ul	98
55) 2,4-Dinitrotoluene	15.40	165	24350	3.305	ng/ul#	79
56) 2,3,4,6-Tetrachlorophenol	15.67	232	17366	3.140	ng/ul#	96
57) Diethylphthalate	15.84	149	110720	3.855	ng/ul	94
59) Fluorene	16.10	166	131384	4.568	ng/ul	97
60) 4-Chlorophenyl-phenylether	16.08	204	60266	4.639	ng/ul#	85
61) 4-Nitroaniline	16.10	138	21496	3.152	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	16.15	198	13163	3.353	ng/ul#	54
65) N-Nitrosodiphenylamine	16.29	169	101428	4.037	ng/ul	97
66) 4-Bromophenyl-phenylether	16.97	248	28876	3.928	ng/ul#	79
67) Hexachlorobenzene	17.09	284	35111	4.287	ng/ul#	80
68) Atrazine	17.21	200	21336	2.809	ng/ul	96
69) Pentachlorophenol	17.42	266	9973	2.244	ng/ul	93
70) Phenanthrene	17.82	178	211305	4.471	ng/ul	99
72) Anthracene	17.92	178	215377	4.475	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.87	216	45663	4.278	ng/uL	95
74) Pentachlorobenzene	15.37	250	43889	4.295	ng/uL	96
75) Carbazole	18.17	167	173009	4.012	ng/ul#	97
76) Di-n-butylphthalate	18.70	149	138646	2.963	ng/ul	98
77) Fluoranthene	19.80	202	201941	4.081	ng/ul#	80
80) Pyrene	20.16	202	247223	4.352	ng/ul#	77
81) Butylbenzylphthalate	21.01	149	50277	2.288	ng/ul#	83
82) 3,3'-Dichlorobenzidine	21.80	252	41738	2.569	ng/ul#	92
83) Benzo(a)anthracene	21.88	228	228910	4.112	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	72482	2.195	ng/ul#	96
85) Chrysene	21.93	228	241081	4.479	ng/ul	99
87) Di-n-octyl phthalate	22.72	149	127778	2.090	ng/ul	100
88) Benzo(b)fluoranthene	23.62	252	239631	4.119	ng/ul#	94
89) Benzo(k)fluoranthene	23.66	252	234580	4.086	ng/ul#	93
91) Benzo(a)pyrene	24.26	252	258088	4.449	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	26.92	276	267917	3.950	ng/ul#	77
93) Dibenzo(a,h)anthracene	26.93	278	227691	4.027	ng/ul#	91
94) Benzo(g,h,i)perylene	27.70	276	231518	4.092	ng/ul#	85

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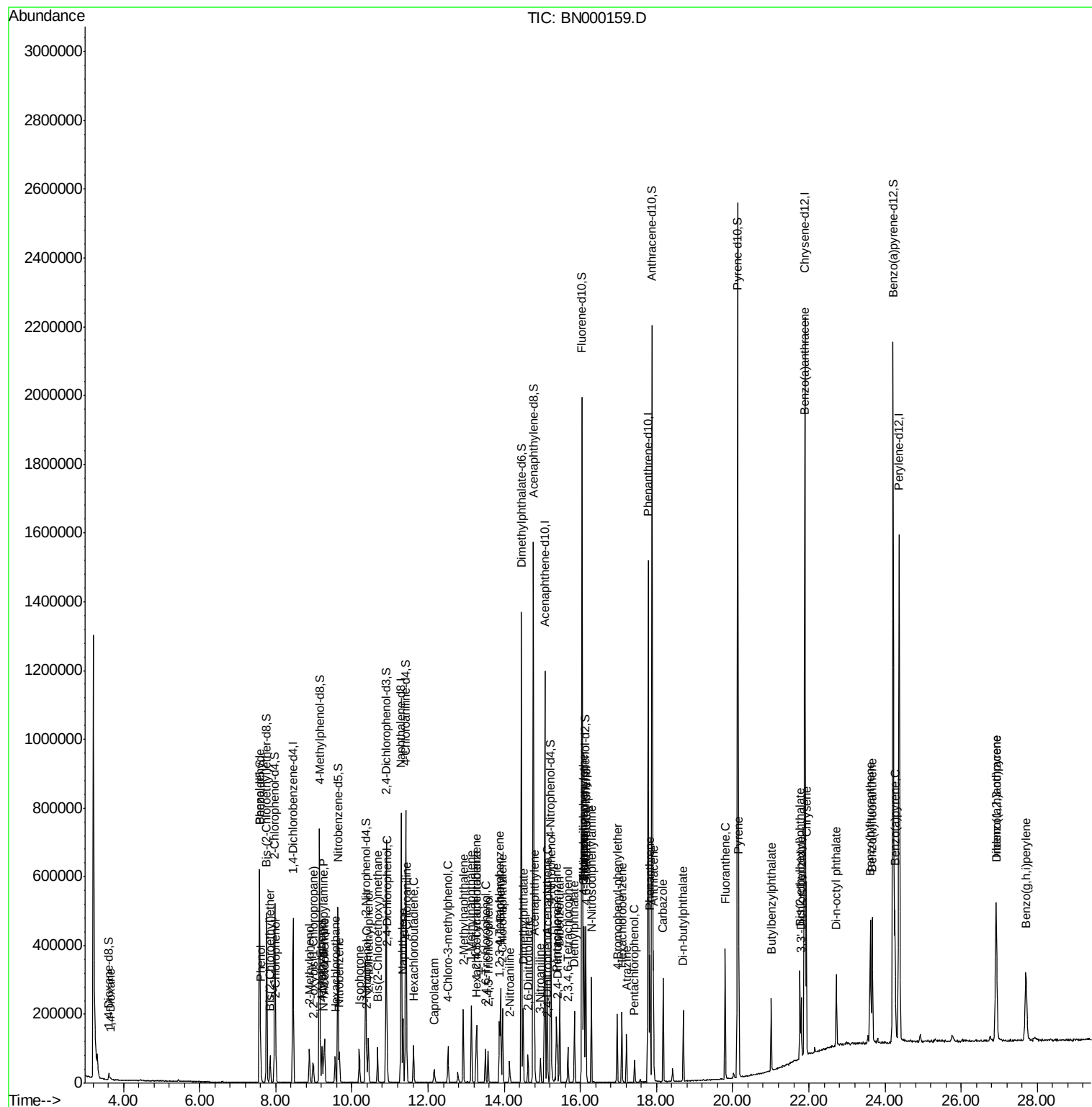
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

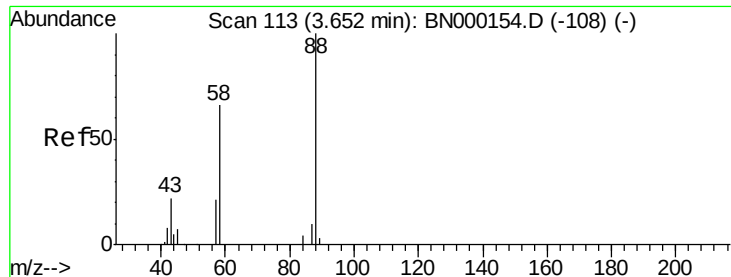
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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QLast Update : Thu Feb 22 11:03:04 2018
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#2

1,4-Dioxane

Concen: 1.321 ng/uL

RT: 3.66 min Scan# 114

Delta R.T. 0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

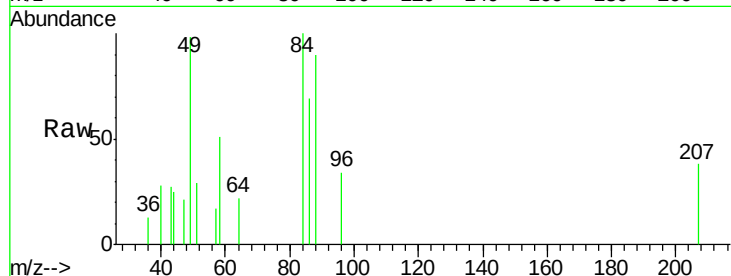
Tgt Ion: 88 Resp: 4613

Ion Ratio Lower Upper

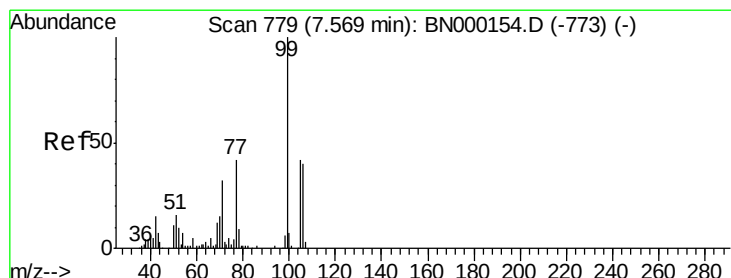
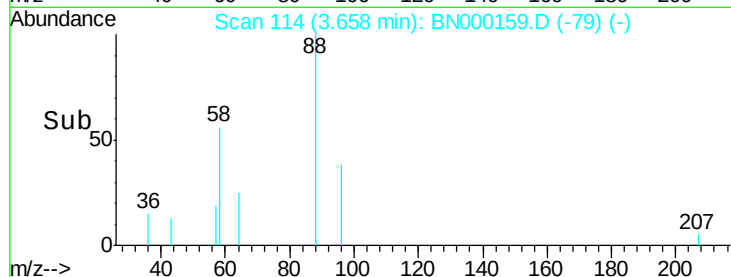
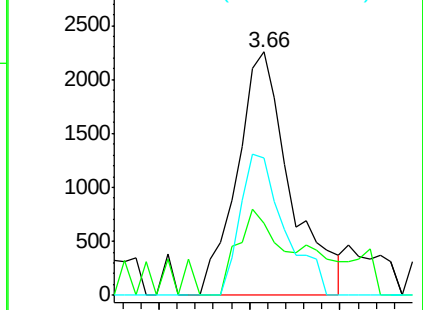
88 100

43 29.5 29.0 43.4

58 56.3 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: 6.353 ng/uL

RT: 7.57 min Scan# 779

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

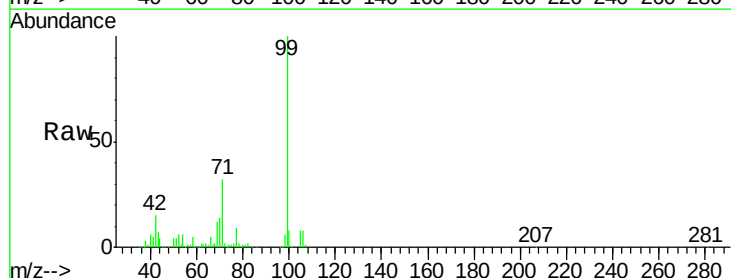
Tgt Ion: 77 Resp: 27802

Ion Ratio Lower Upper

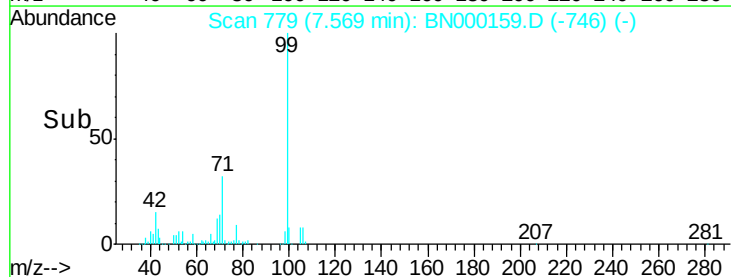
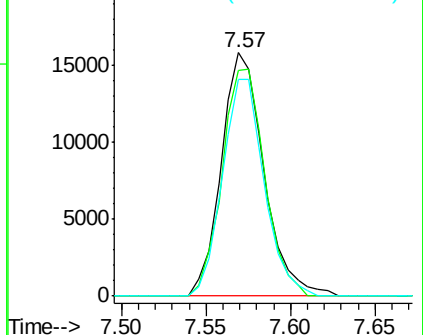
77 100

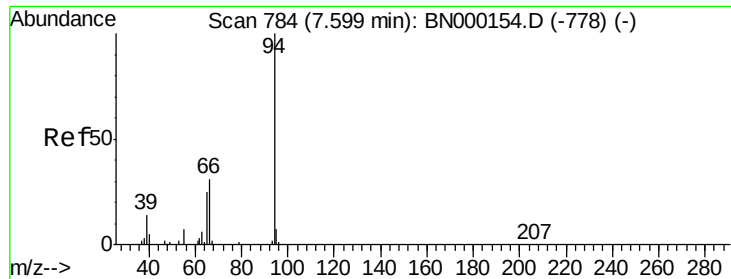
105 92.9 71.0 106.6

106 89.1 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: 4.010 ng/ul

RT: 7.60 min Scan# 785

Delta R.T. -0.00 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

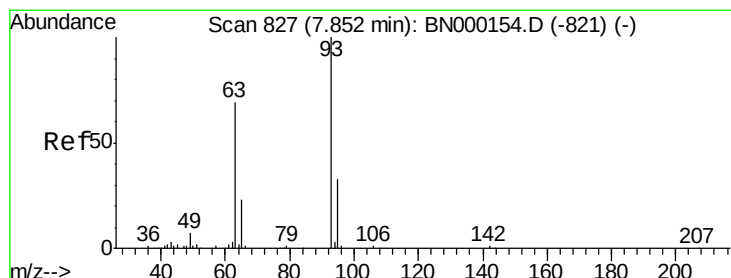
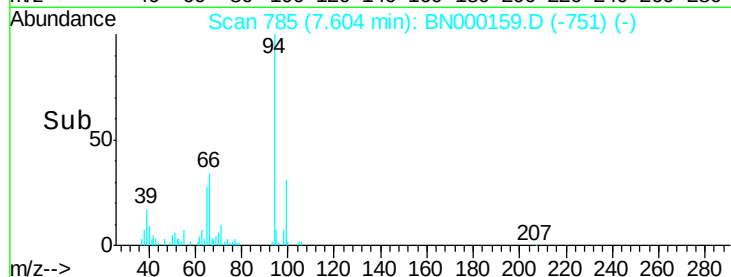
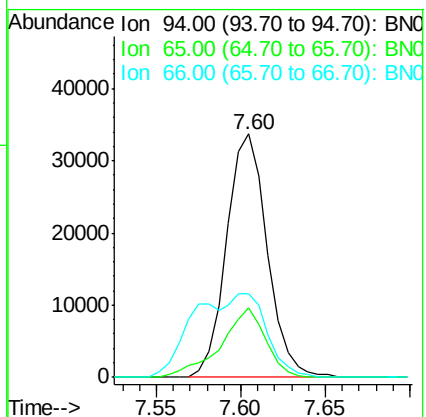
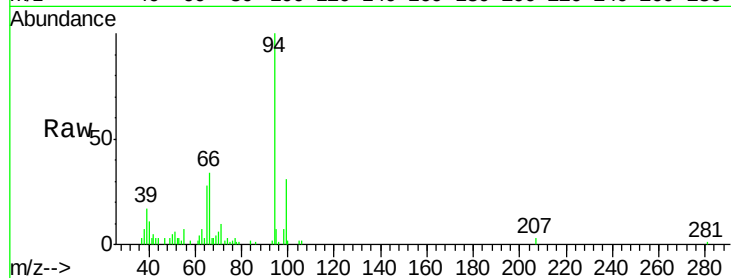
Tgt Ion: 94 Resp: 56427

Ion Ratio Lower Upper

94 100

65 28.3 23.0 34.6

66 34.3 30.4 45.6



#8

Bis(2-Chloroethyl)ether

Concen: 4.481 ng/ul

RT: 7.85 min Scan# 827

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

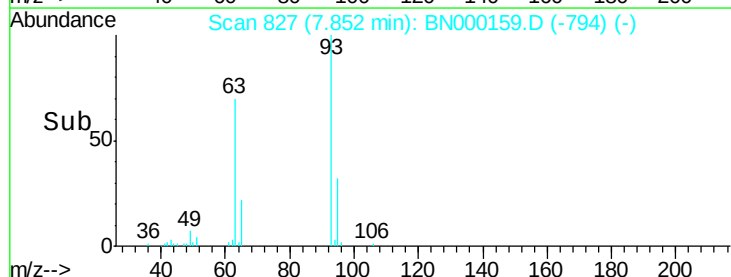
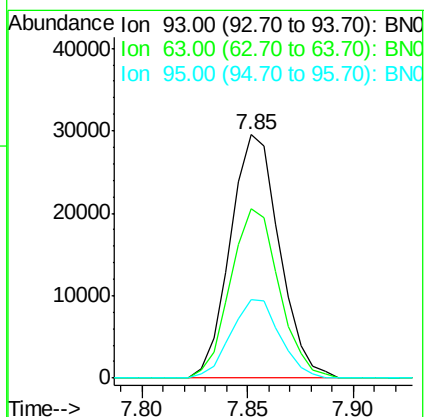
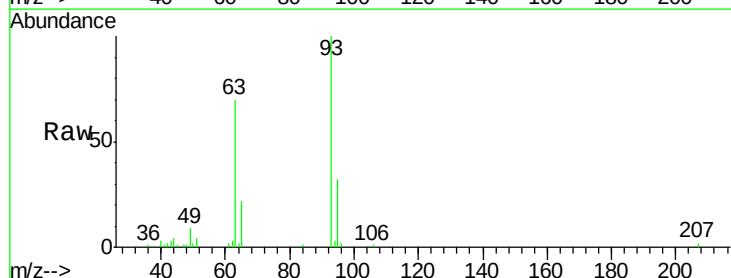
Tgt Ion: 93 Resp: 47713

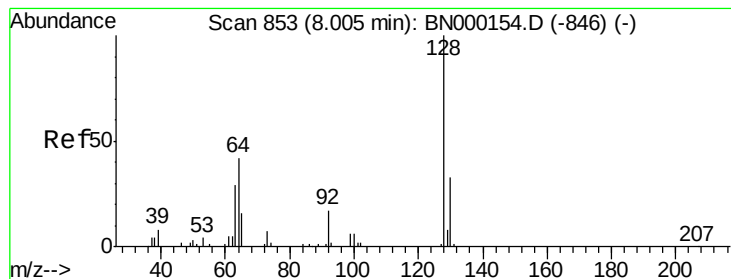
Ion Ratio Lower Upper

93 100

63 69.6 59.4 89.2

95 32.4 26.4 39.6





#10

2-Chlorophenol

Concen: 4.139 ng/ul

RT: 8.00 min Scan# 853

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

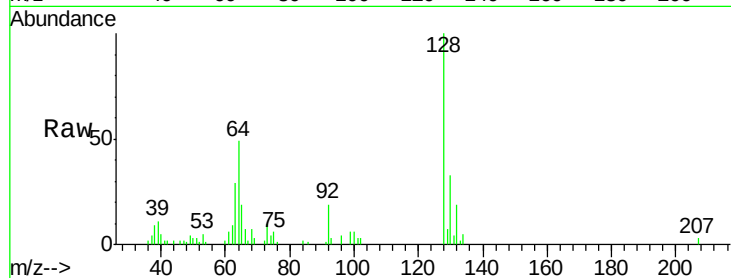
Tgt Ion:128 Resp: 39916

Ion Ratio Lower Upper

128 100

64 48.6 39.8 59.6

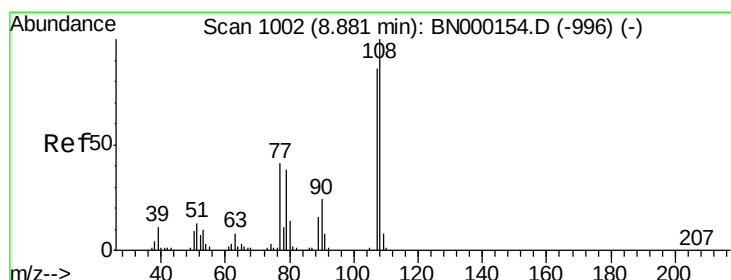
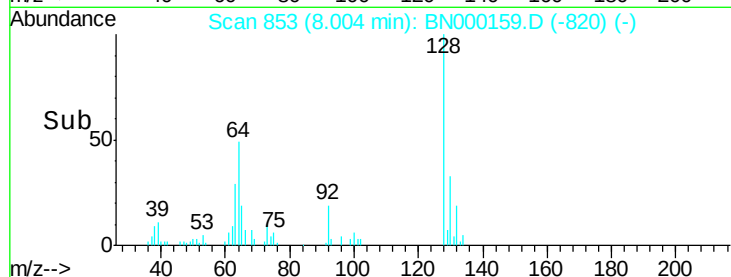
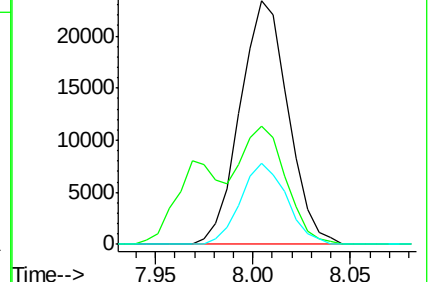
130 33.3 25.8 38.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): B

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 3.453 ng/ul

RT: 8.89 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BN000159.D

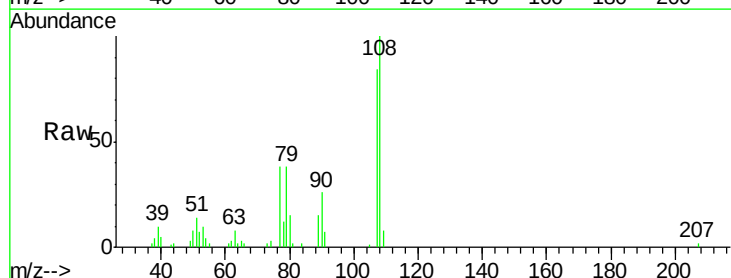
Acq: 22 Feb 2018 13:31

Tgt Ion:108 Resp: 35293

Ion Ratio Lower Upper

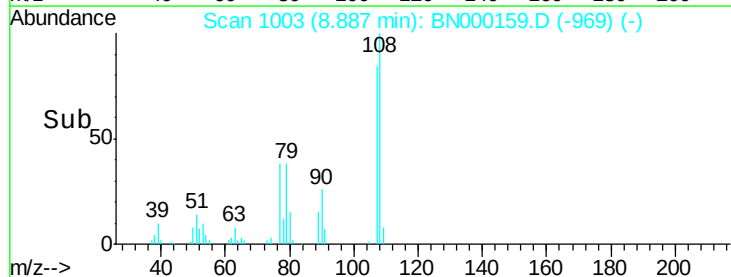
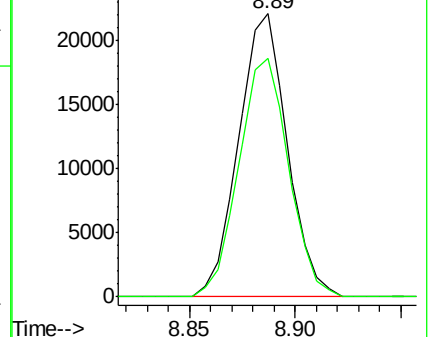
108 100

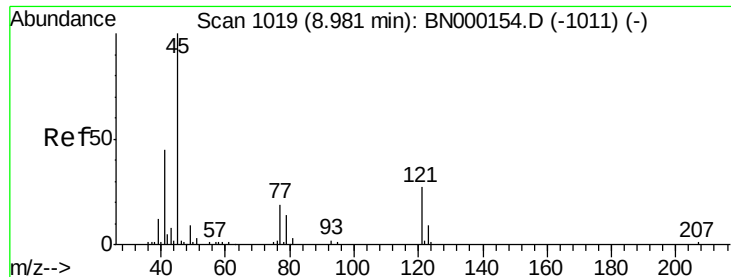
107 84.1 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

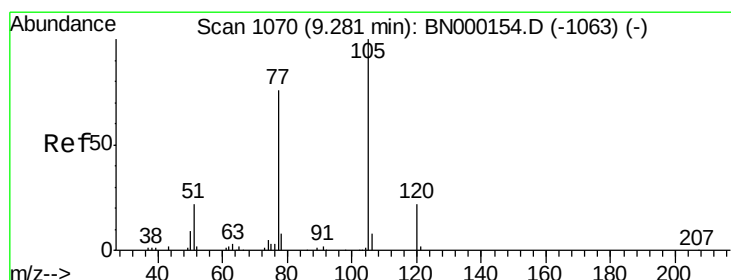
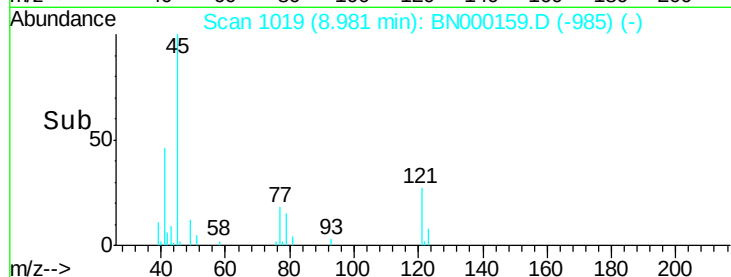
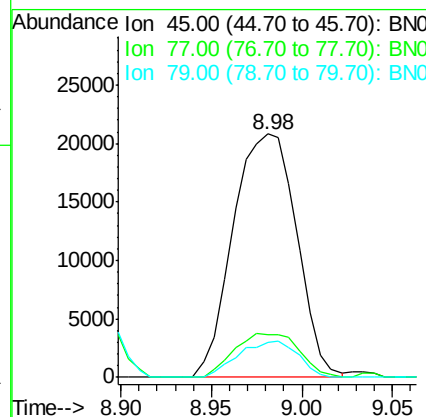
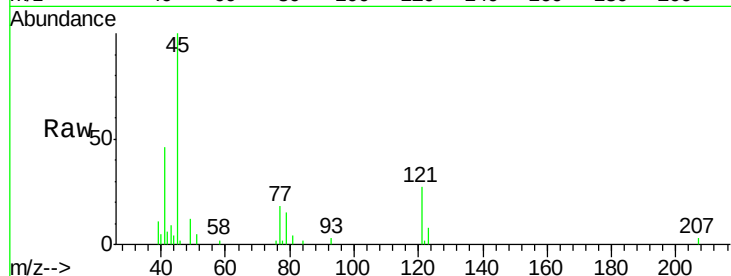




#12
2,2'-oxybis(1-Chloropropane)
Concen: 4.391 ng/ul
RT: 8.98 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BN000159.D
Acq: 22 Feb 2018 13:31

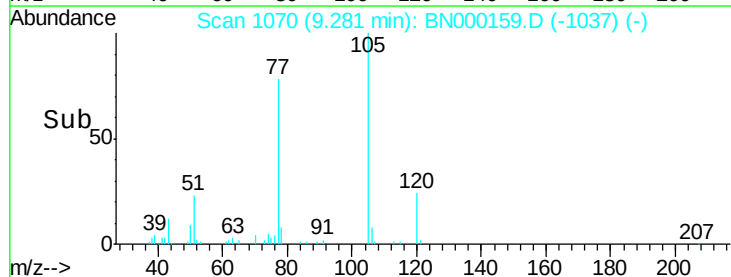
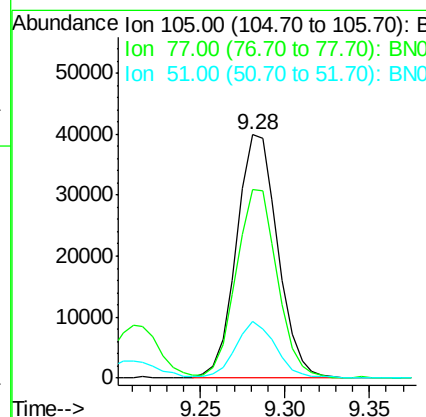
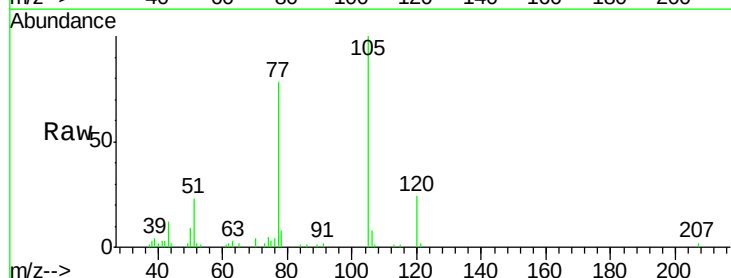
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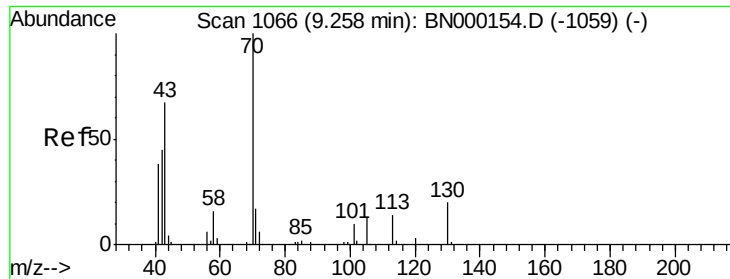
Tgt Ion: 45 Resp: 50647
Ion Ratio Lower Upper
45 100
77 17.6 12.5 18.7
79 14.6 9.4 14.2#



#14
Acetophenone
Concen: 4.031 ng/ul
RT: 9.28 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BN000159.D
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Tgt Ion: 105 Resp: 67993
Ion Ratio Lower Upper
105 100
77 77.6 63.2 94.8
51 23.1 19.8 29.8





#15

N-Nitroso-di-n-propylamine

Concen: 3.684 ng/ul

RT: 9.26 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BN000159.D

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Instrument :

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Tgt Ion: 70 Resp: 28056

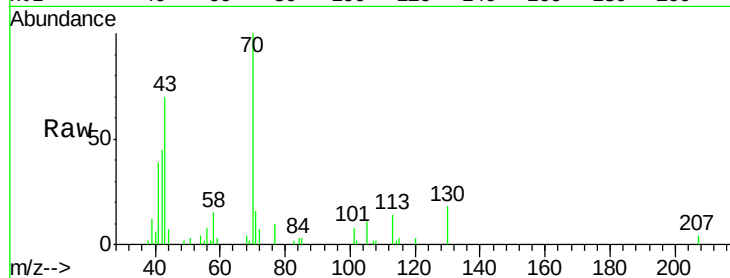
Ion Ratio Lower Upper

70 100

42 44.6 40.2 60.4

101 7.6 7.7 11.5#

130 17.9 17.8 26.6

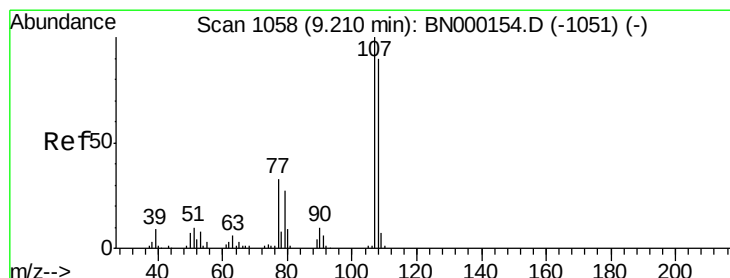
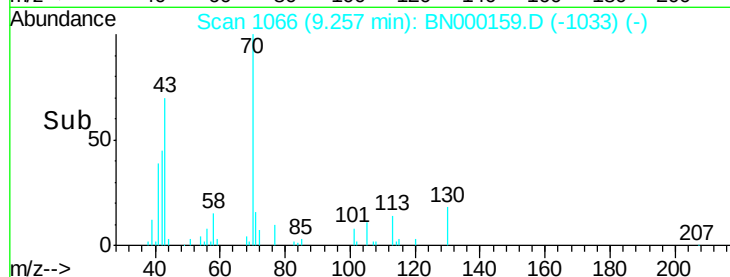
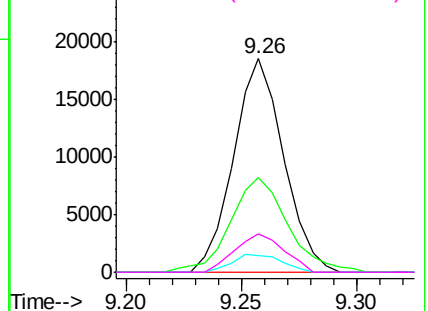


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 3.878 ng/ul

RT: 9.21 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BN000159.D

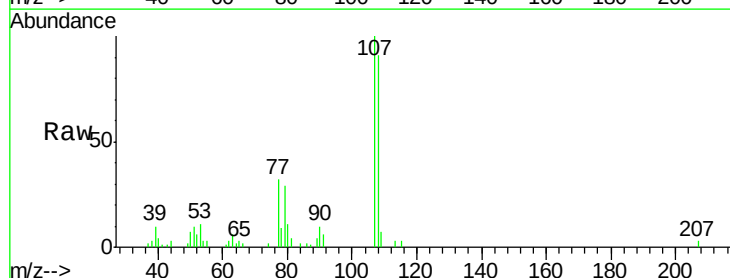
Acq: 22 Feb 2018 13:31

Tgt Ion: 108 Resp: 44409

Ion Ratio Lower Upper

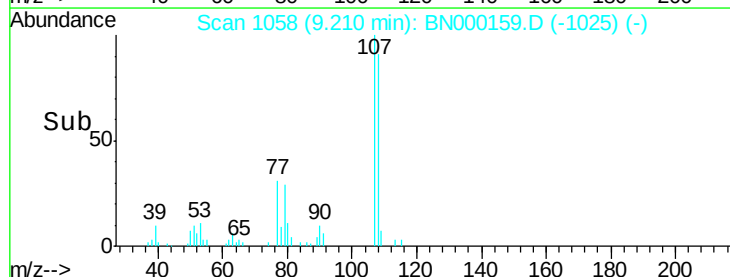
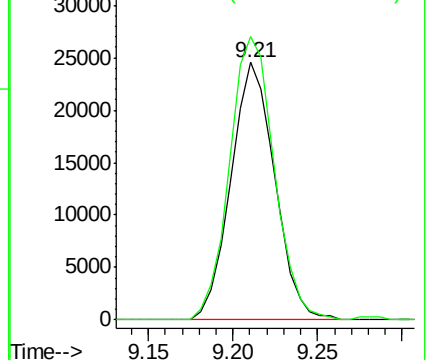
108 100

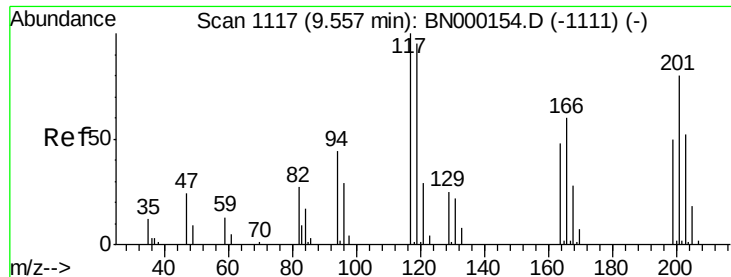
107 110.0 93.6 140.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

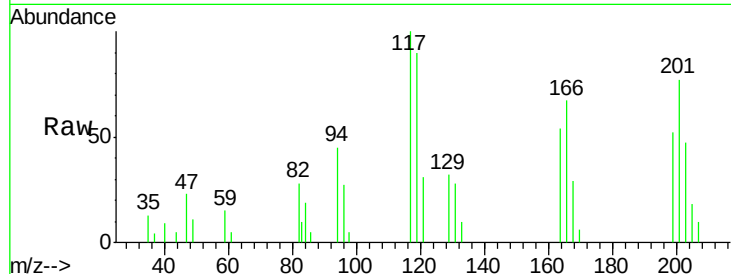




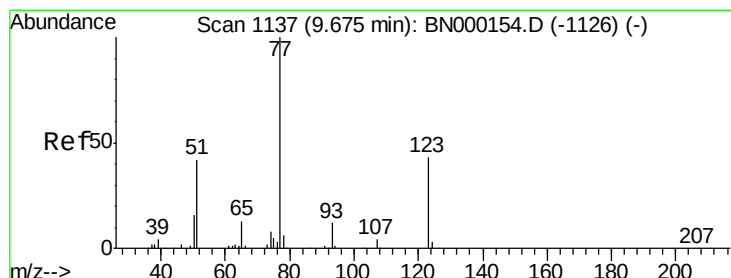
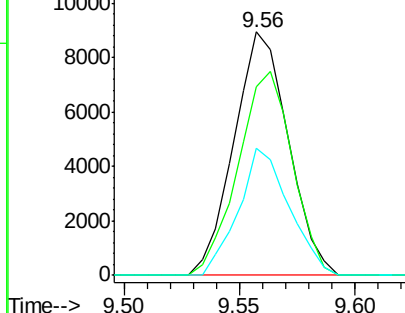
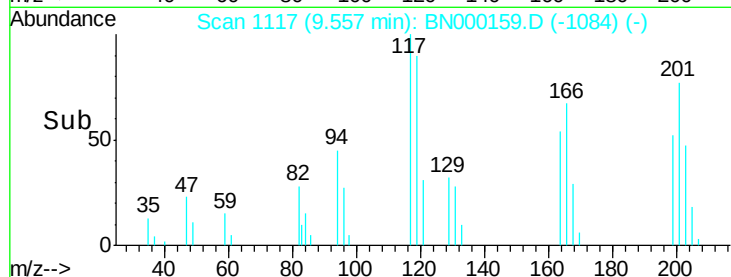
#17
Hexachloroethane
Concen: 3.987 ng/ul
RT: 9.56 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BN000159.D
Acq: 22 Feb 2018 13:31

Instrument :
BNA_N
ClientSampleId :
MDL-S-05

Tgt Ion: 117 Resp: 14694
Ion Ratio Lower Upper
117 100
201 77.5 96.1 144.1#
199 52.4 59.7 89.5#

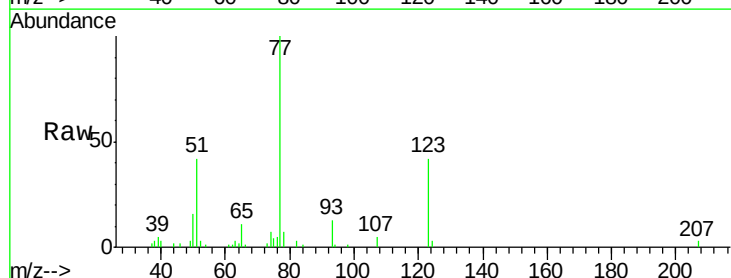


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

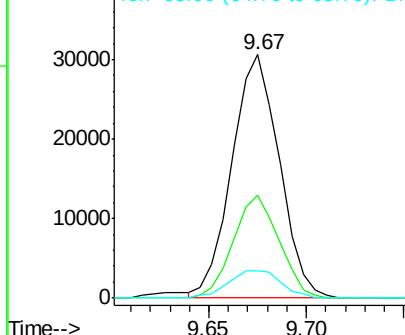
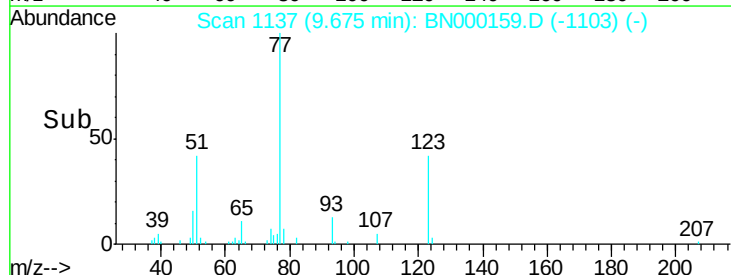


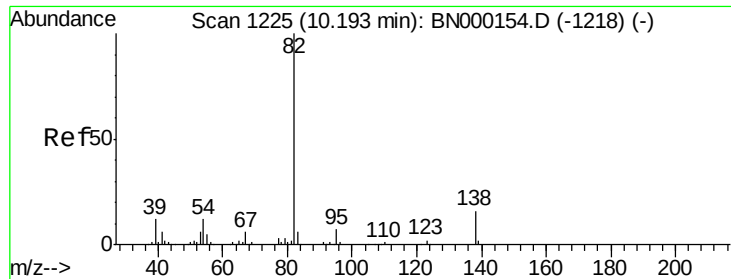
#20
Nitrobenzene
Concen: 4.402 ng/ul
RT: 9.67 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BN000159.D
Acq: 22 Feb 2018 13:31

Tgt Ion: 77 Resp: 51617
Ion Ratio Lower Upper
77 100
123 42.2 31.8 47.8
65 11.4 10.6 16.0



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





#21

Isophorone

Concen: 3.420 ng/ul

RT: 10.19 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

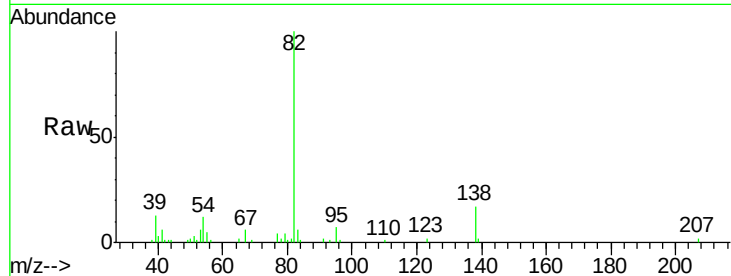
Tgt Ion: 82 Resp: 75816

Ion Ratio Lower Upper

82 100

95 6.9 6.1 9.1

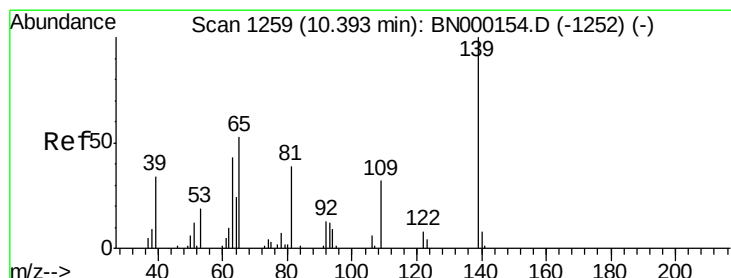
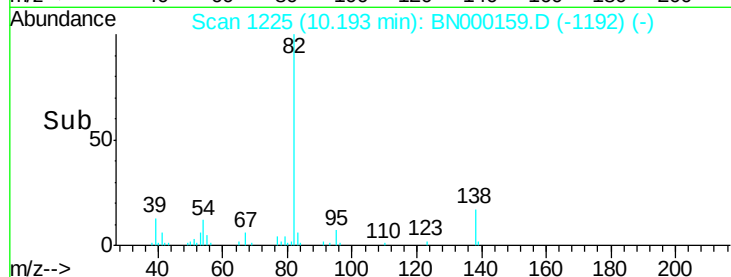
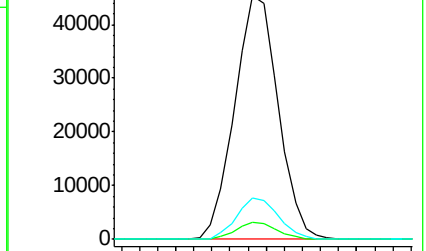
138 17.0 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BN000159.D (-1192) (-)

Ion 95.00 (94.70 to 95.70): BN000159.D (-1192) (-)

Ion 138.00 (137.70 to 138.70): BN000159.D (-1192) (-)



#23

2-Nitrophenol

Concen: 4.076 ng/ul

RT: 10.39 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

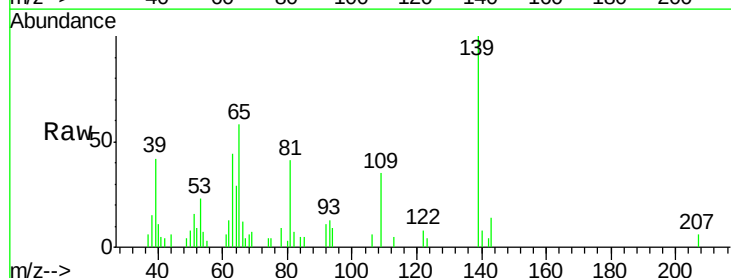
Tgt Ion: 139 Resp: 19239

Ion Ratio Lower Upper

139 100

65 57.6 45.3 67.9

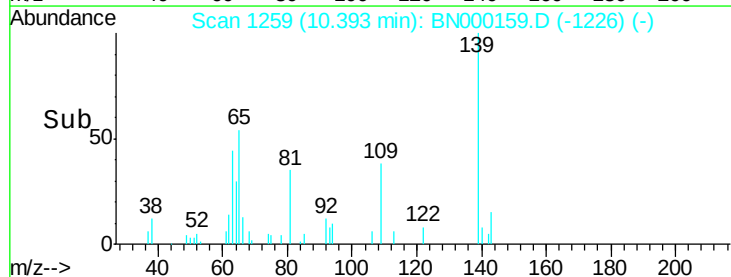
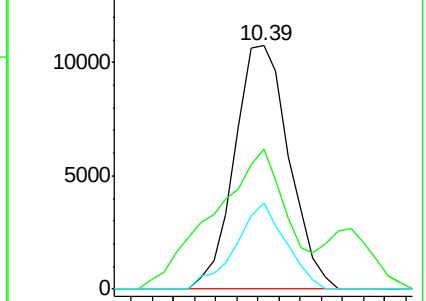
109 35.3 27.7 41.5

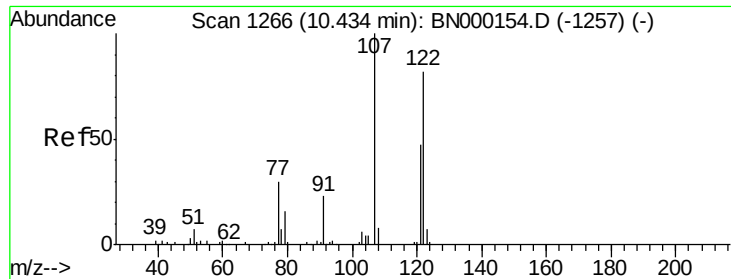


Abundance Ion 139.00 (138.70 to 139.70): BN000159.D (-1226) (-)

Ion 65.00 (64.70 to 65.70): BN000159.D (-1226) (-)

Ion 109.00 (108.70 to 109.70): BN000159.D (-1226) (-)

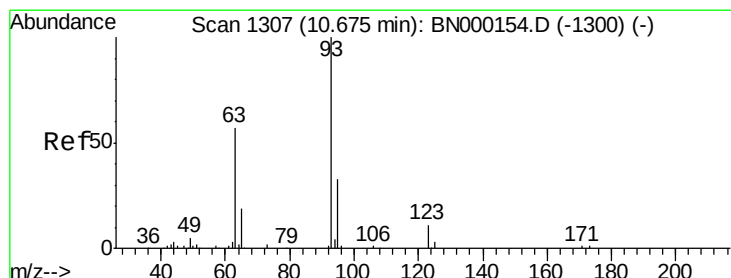
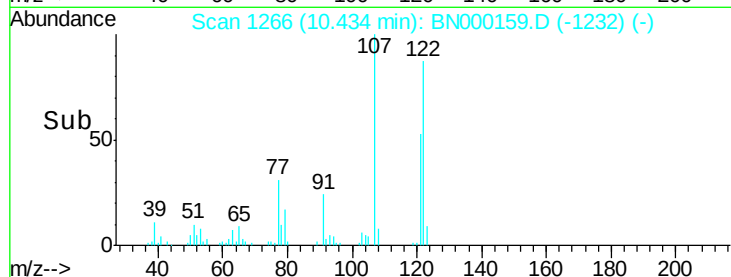
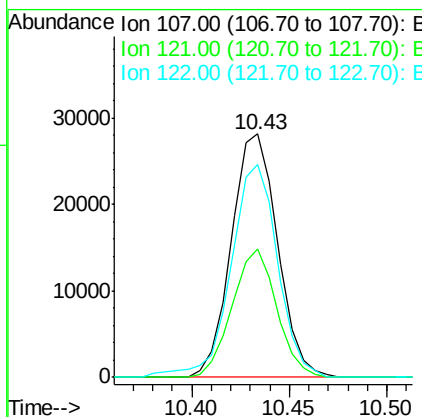
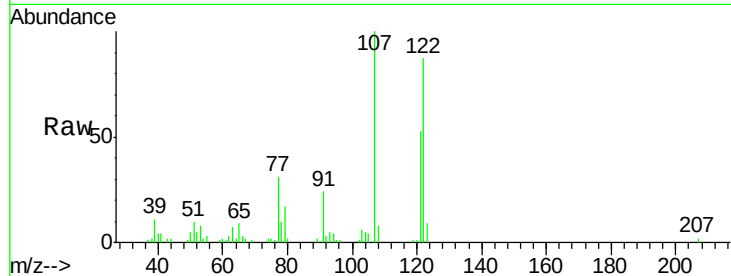




#24
 2,4-Dimethylphenol
 Concen: 3.772 ng/ul
 RT: 10.43 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BN000159.D
 Acq: 22 Feb 2018 13:31

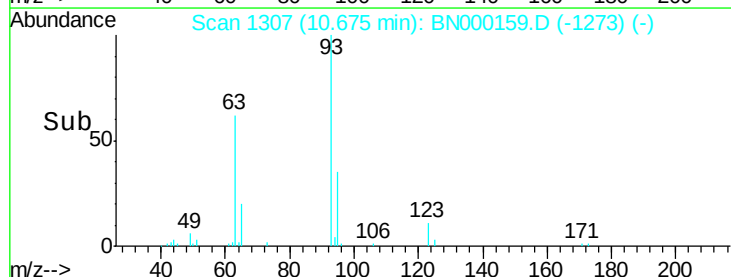
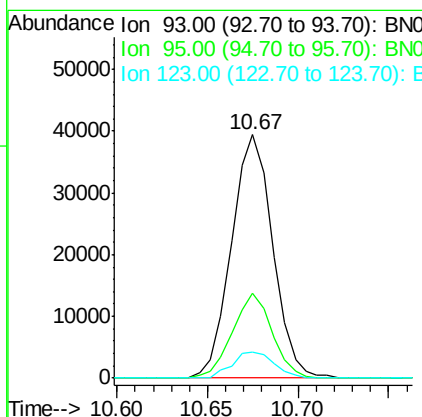
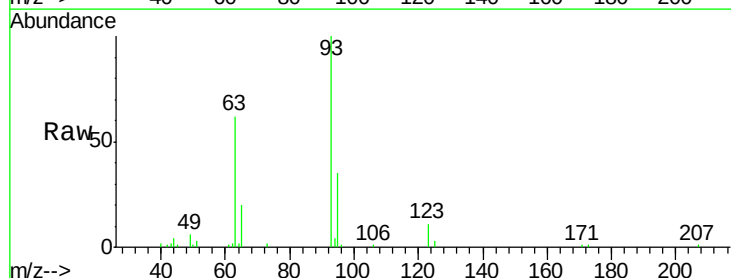
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-05

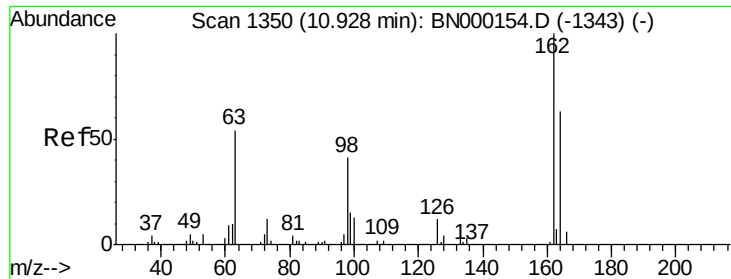
Tgt Ion: 107 Resp: 46272
 Ion Ratio Lower Upper
 107 100
 121 52.6 38.1 57.1
 122 87.2 63.8 95.8



#25
 Bis(2-Chloroethoxy)methane
 Concen: 4.119 ng/ul
 RT: 10.67 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: BN000159.D
 Acq: 22 Feb 2018 13:31

Tgt Ion: 93 Resp: 62344
 Ion Ratio Lower Upper
 93 100
 95 34.8 24.7 37.1
 123 10.8 8.2 12.2

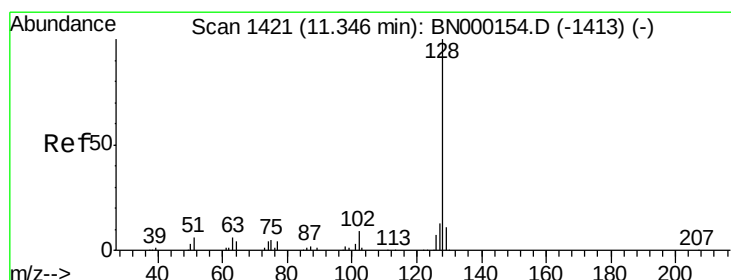
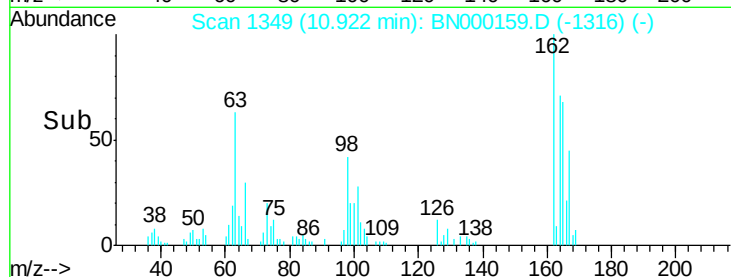
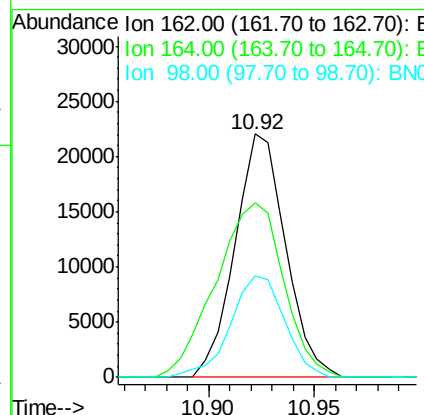
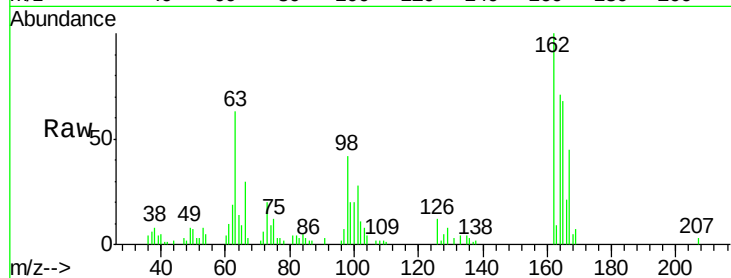




#27
 2,4-Dichlorophenol
 Concen: 4.068 ng/ul
 RT: 10.92 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BN000159.D
 Acq: 22 Feb 2018 13:31

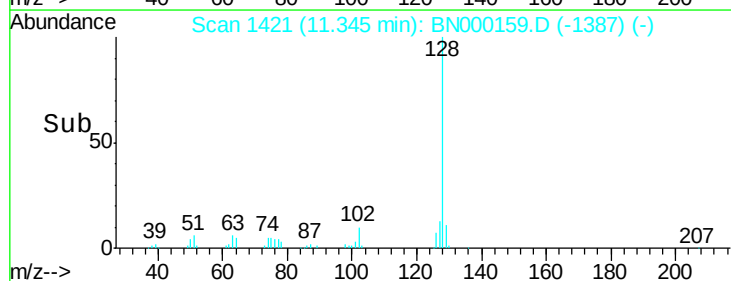
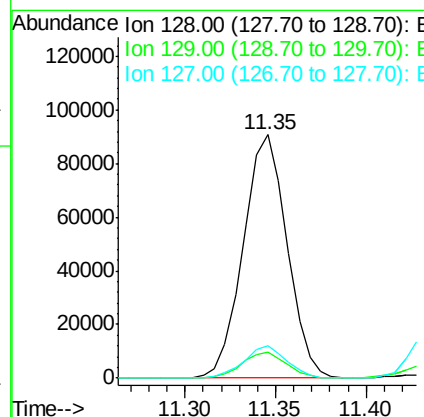
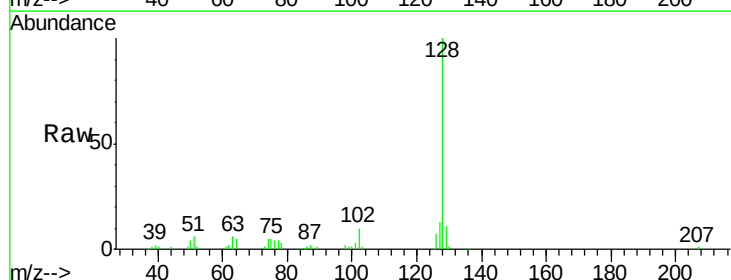
Instrument :
 BNA_N
 ClientSampled :
 MDL-S-05

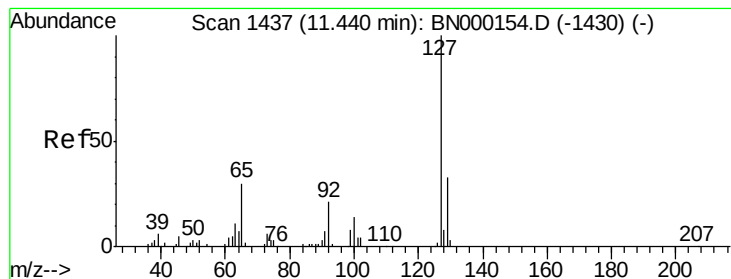
Tgt Ion:162 Resp: 36742
 Ion Ratio Lower Upper
 162 100
 164 71.4 52.0 78.0
 98 41.9 26.6 39.8#



#28
 Naphthalene
 Concen: 4.468 ng/ul
 RT: 11.35 min Scan# 1421
 Delta R.T. -0.00 min
 Lab File: BN000159.D
 Acq: 22 Feb 2018 13:31

Tgt Ion:128 Resp: 152311
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.3 12.5
 127 13.4 10.8 16.2





#30

4-Chloroaniline

Concen: 3.779 ng/ul

RT: 11.44 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

Instrument :

BNA_N

ClientSampleId :

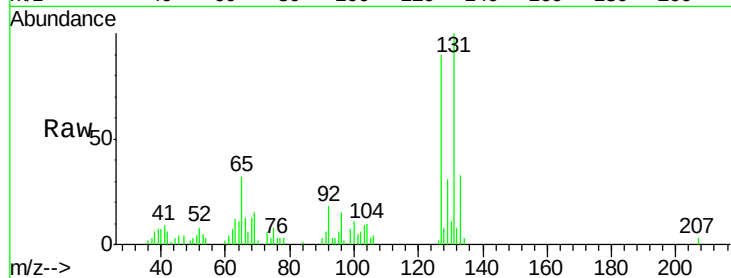
MDL-S-05

Tgt Ion:127 Resp: 39391

Ion Ratio Lower Upper

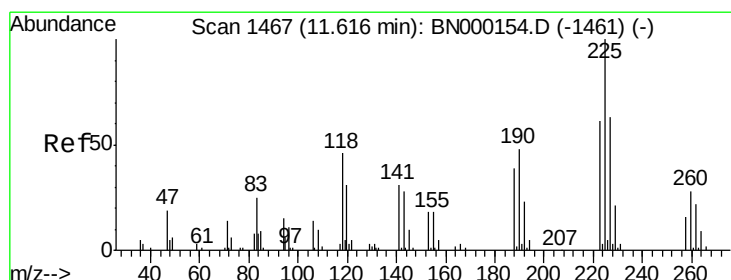
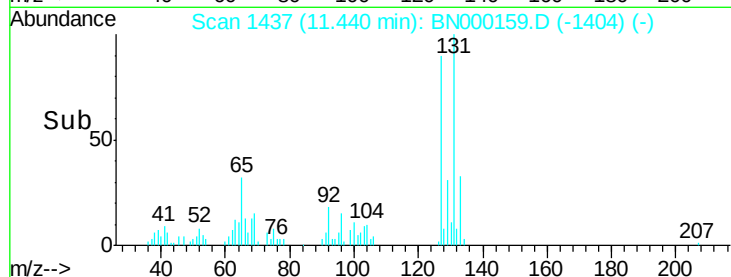
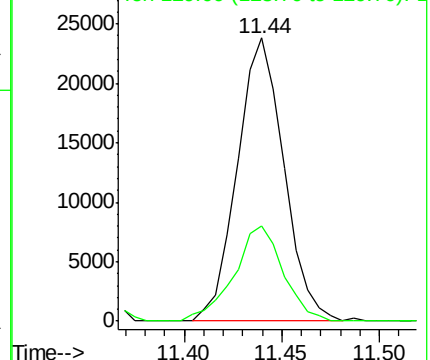
127 100

129 33.8 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: 4.388 ng/ul

RT: 11.62 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

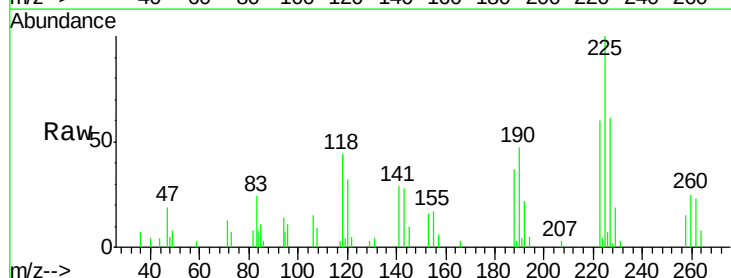
Tgt Ion:225 Resp: 20997

Ion Ratio Lower Upper

225 100

223 59.9 48.1 72.1

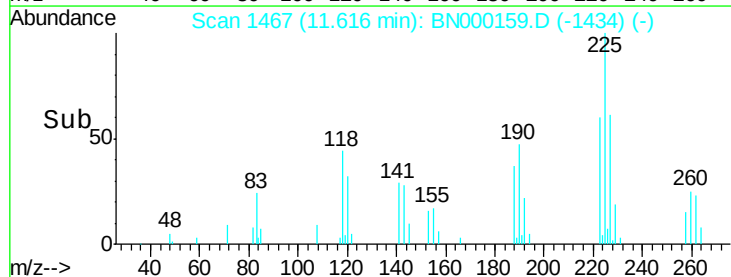
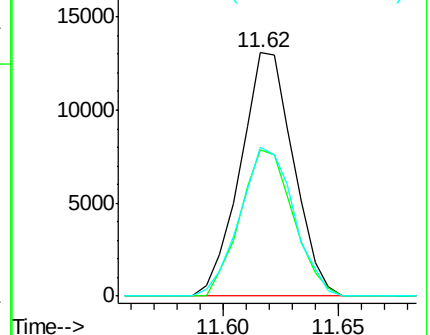
227 61.4 52.1 78.1

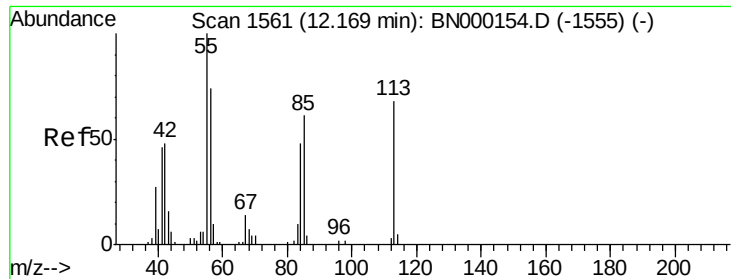


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

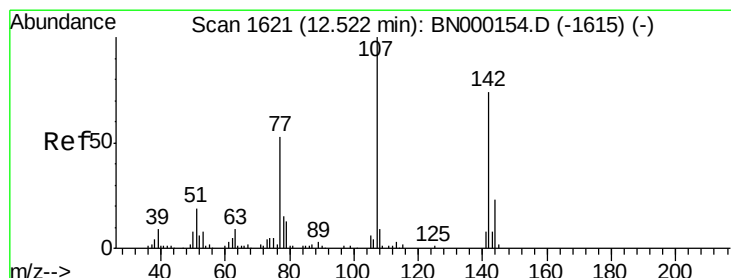
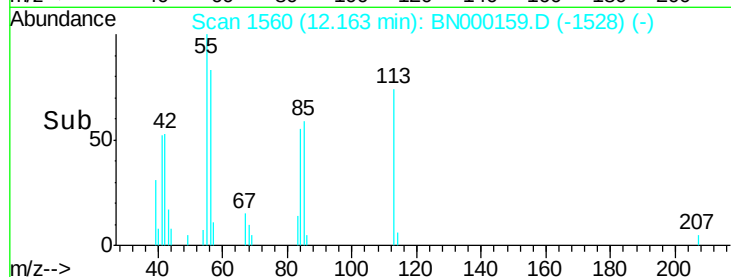
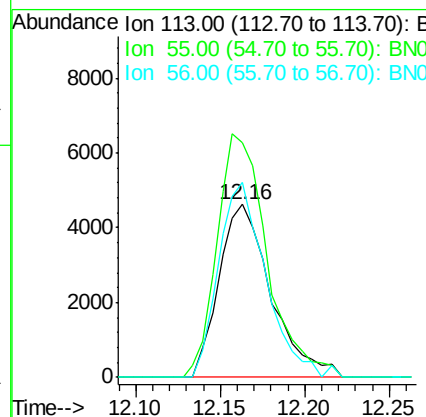
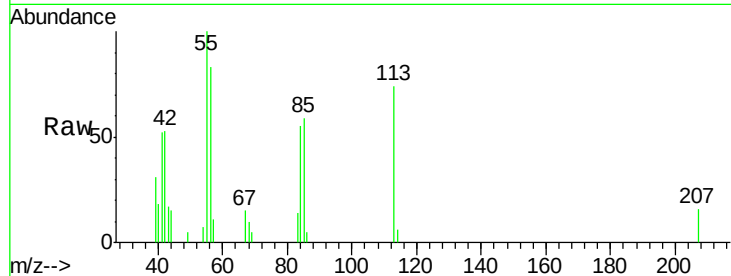




#32
 Caprolactam
 Concen: 2.893 ng/ul
 RT: 12.16 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BN000159.D
 Acq: 22 Feb 2018 13:31

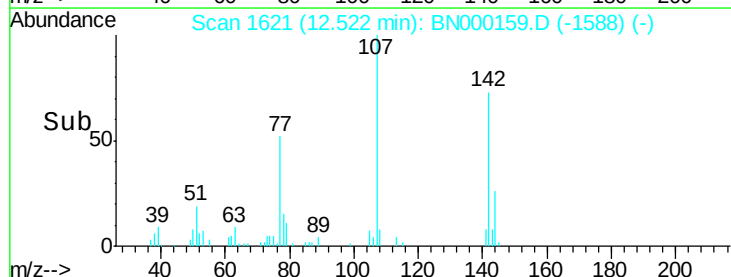
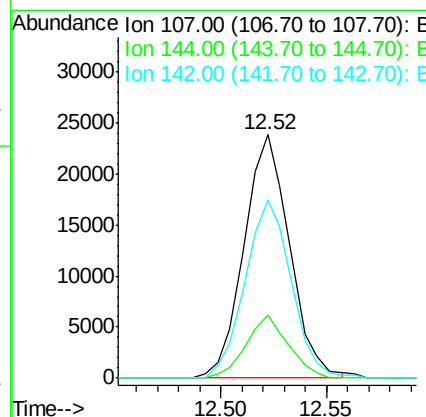
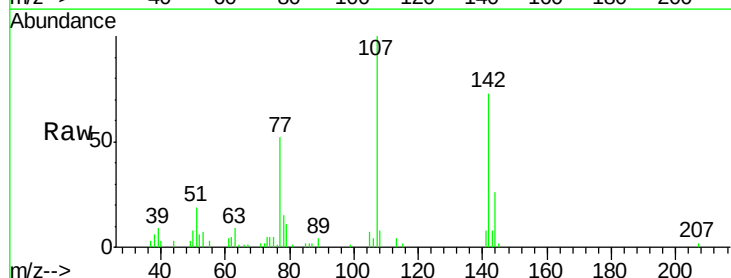
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-05

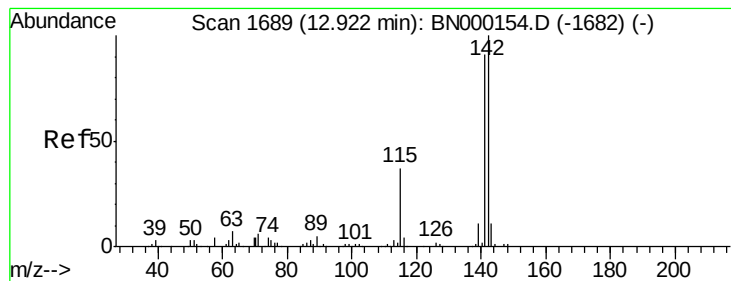
Tgt Ion:113 Resp: 9905
 Ion Ratio Lower Upper
 113 100
 55 135.7 131.7 197.5
 56 113.0 92.7 139.1



#33
 4-Chloro-3-methylphenol
 Concen: 3.207 ng/ul
 RT: 12.52 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BN000159.D
 Acq: 22 Feb 2018 13:31

Tgt Ion:107 Resp: 35561
 Ion Ratio Lower Upper
 107 100
 144 25.8 21.1 31.7
 142 73.3 60.1 90.1





#34

2-Methylnaphthalene

Concen: 4.258 ng/ul

RT: 12.92 min Scan# 1689

Delta R.T. -0.00 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

Instrument :

BNA_N

ClientSampleId :

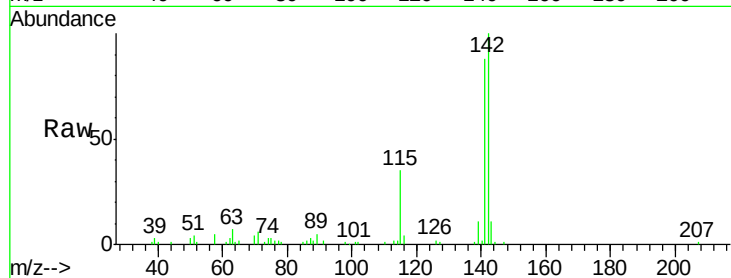
MDL-S-05

Tgt Ion:142 Resp: 101164

Ion Ratio Lower Upper

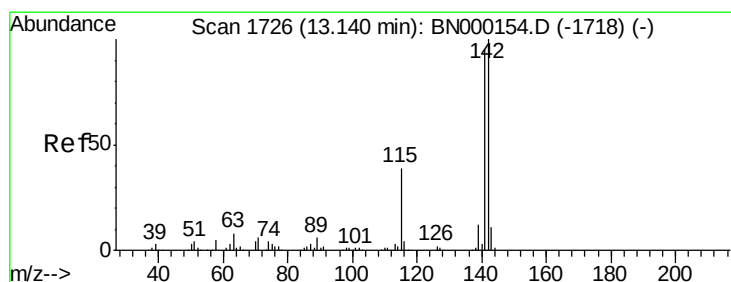
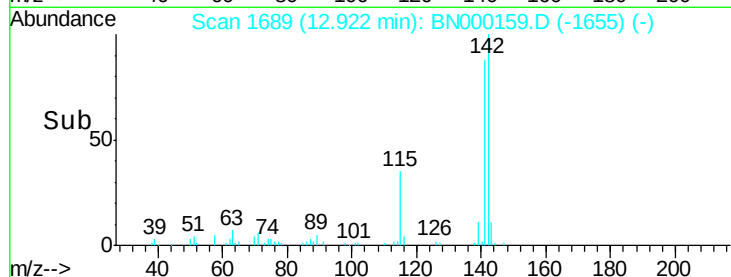
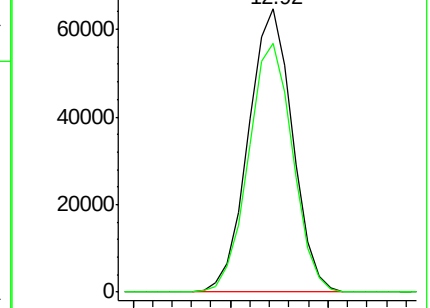
142 100

141 88.1 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 4.165 ng/ul

RT: 13.13 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

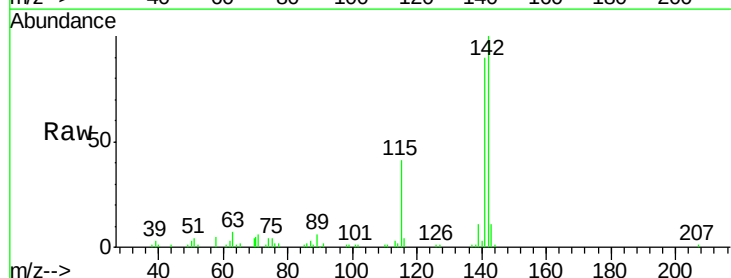
Tgt Ion:142 Resp: 99311

Ion Ratio Lower Upper

142 100

141 90.5 76.6 115.0

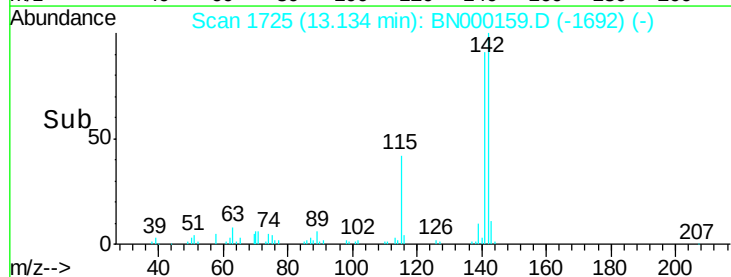
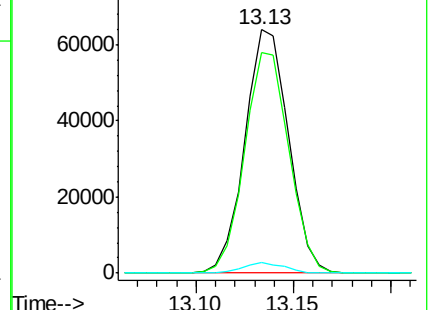
116 4.4 3.6 5.4

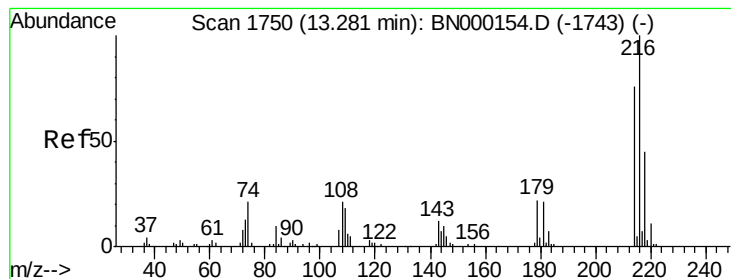


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#37

1,2,4,5-Tetrachlorobenzene

Concen: 4.395 ng/ul

RT: 13.27 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

Tgt Ion:216 Resp: 44462

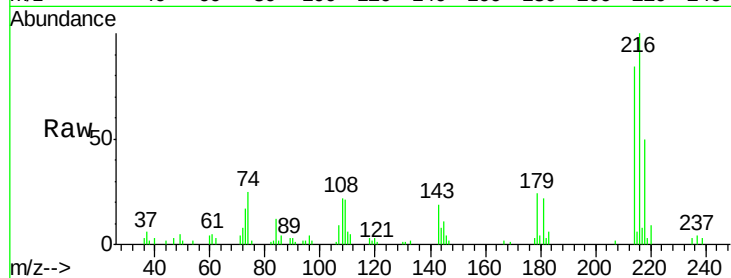
Ion Ratio Lower Upper

216 100

214 84.0 64.1 96.1

179 24.0 14.5 21.7#

108 22.4 10.4 15.6#

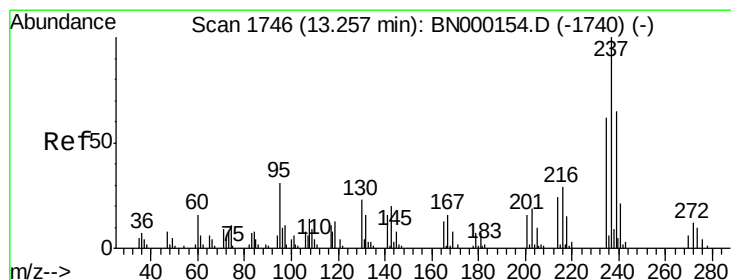
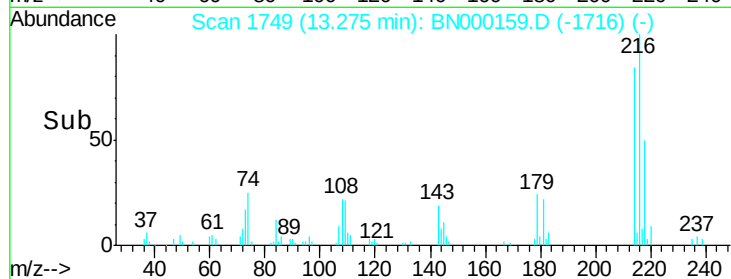
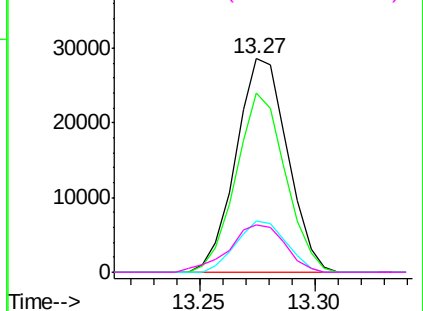


Abundance Ion 216.00 (215.70 to 216.70): E

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: 3.155 ng/ul

RT: 13.26 min Scan# 1746

Delta R.T. -0.00 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

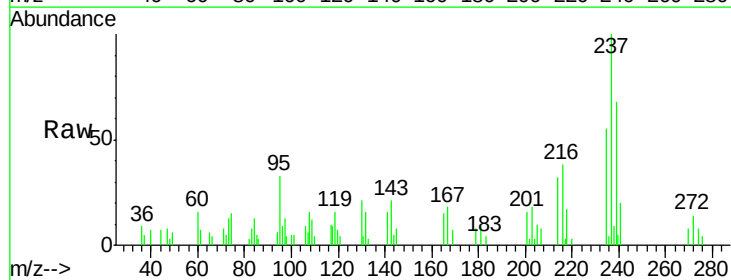
Tgt Ion:237 Resp: 15449

Ion Ratio Lower Upper

237 100

235 54.7 49.5 74.3

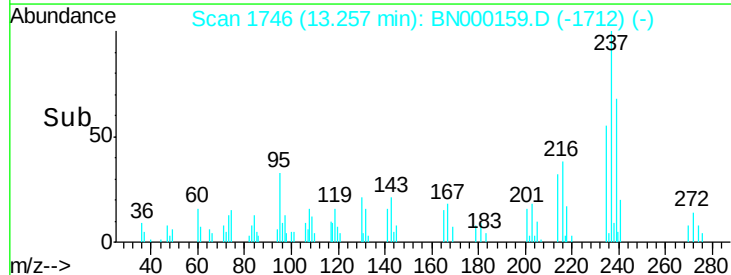
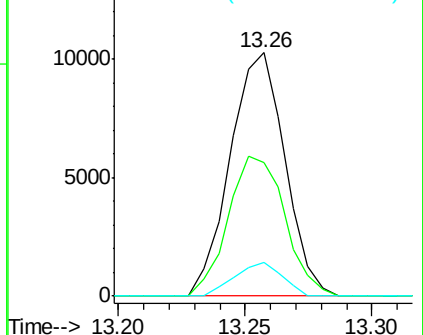
272 13.6 8.6 12.8#

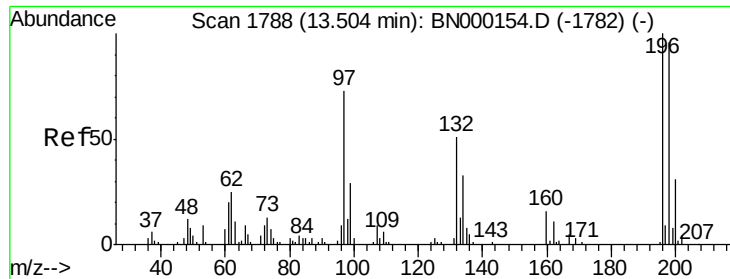


Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E

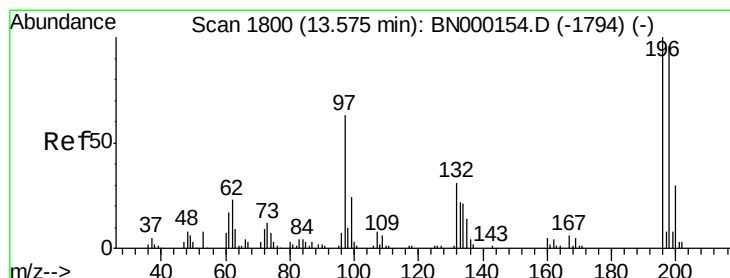
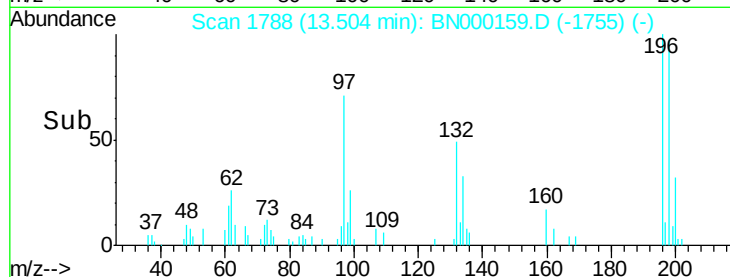
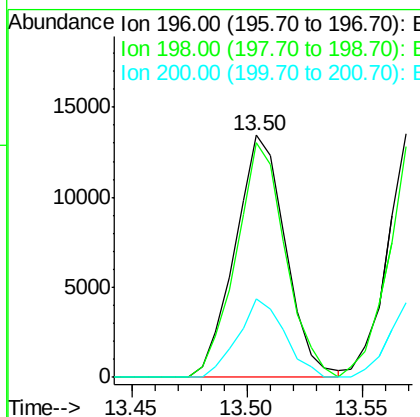
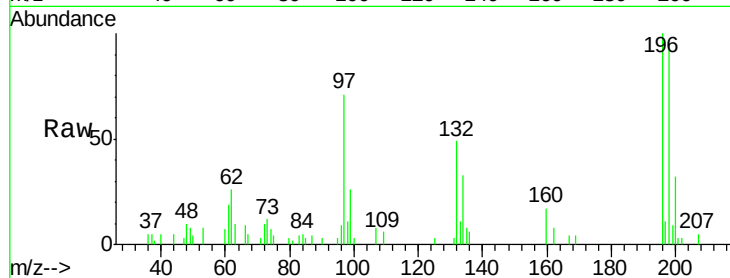




#39
 2,4,6-Trichlorophenol
 Concen: 3.214 ng/ul
 RT: 13.50 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BN000159.D
 Acq: 22 Feb 2018 13:31

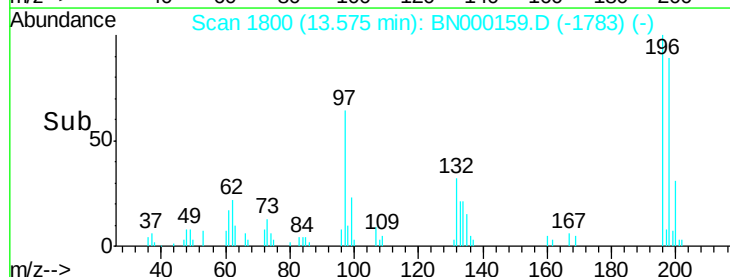
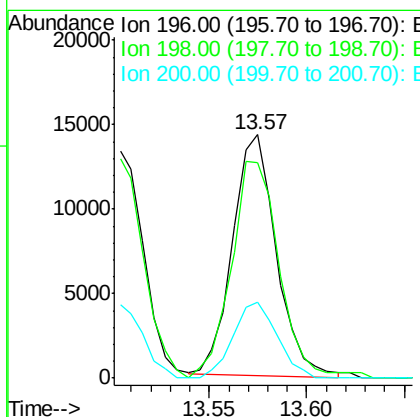
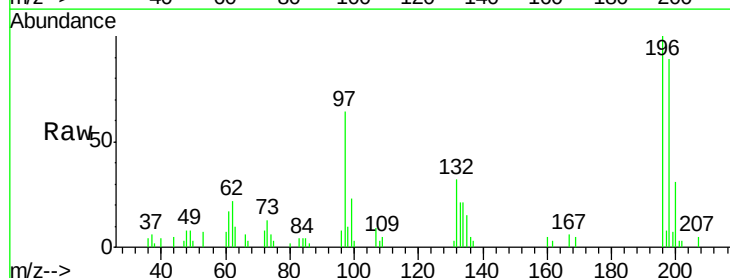
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-05

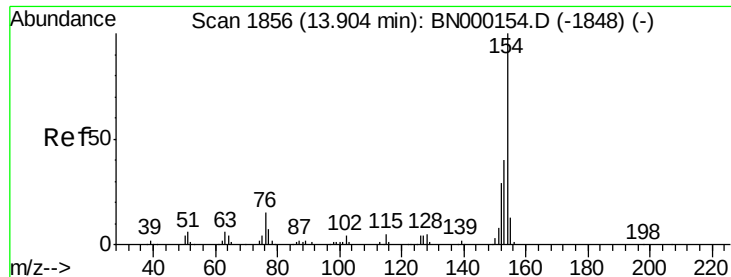
Tgt Ion:196 Resp: 20502
 Ion Ratio Lower Upper
 196 100
 198 96.8 75.9 113.9
 200 32.3 25.8 38.6



#40
 2,4,5-Trichlorophenol
 Concen: 3.240 ng/ul
 RT: 13.57 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BN000159.D
 Acq: 22 Feb 2018 13:31

Tgt Ion:196 Resp: 22213
 Ion Ratio Lower Upper
 196 100
 198 88.5 74.7 112.1
 200 31.2 25.4 38.0

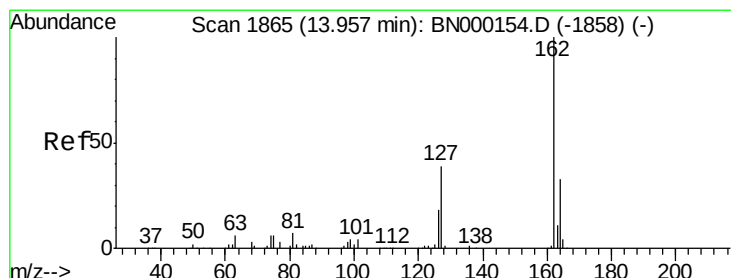
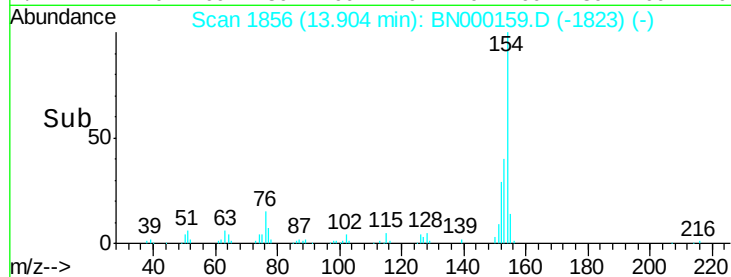
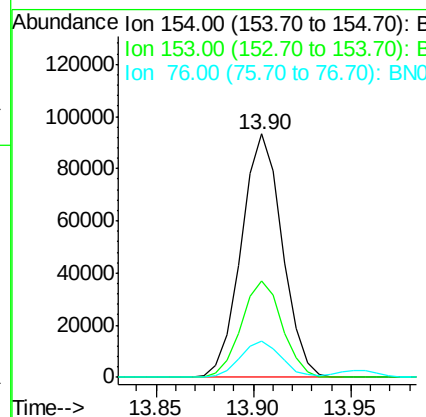
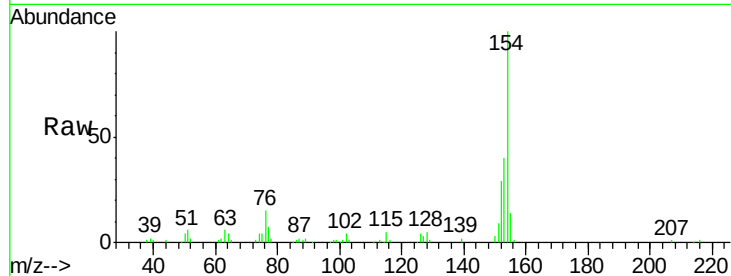




#41
 1,1'-Biphenyl
 Concen: 4.492 ng/ul
 RT: 13.90 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BN000159.D
 Acq: 22 Feb 2018 13:31

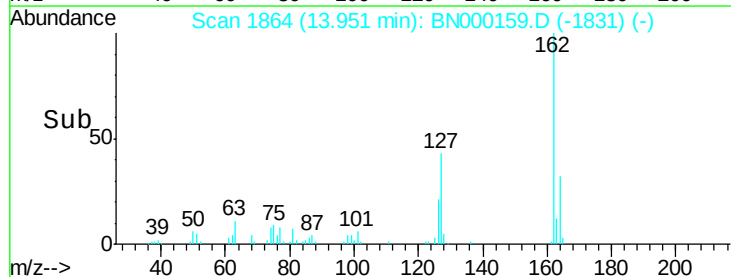
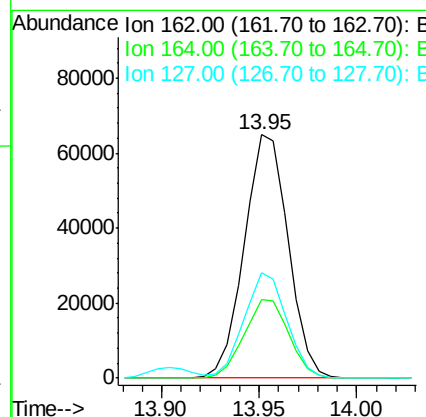
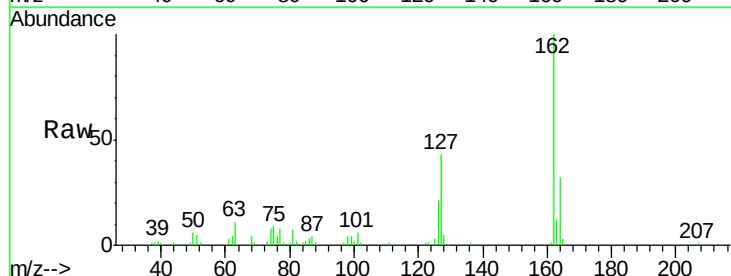
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-05

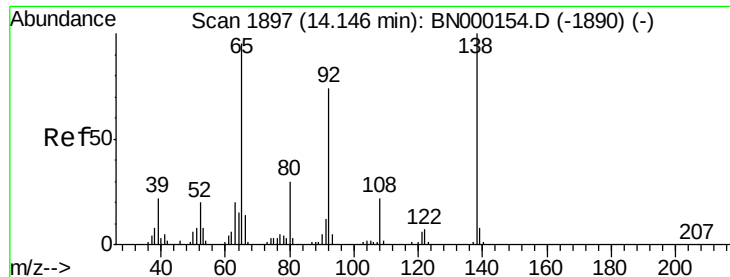
Tgt Ion:154 Resp: 135795
 Ion Ratio Lower Upper
 154 100
 153 39.6 34.0 51.0
 76 14.7 8.4 12.6#



#42
 2-Chloronaphthalene
 Concen: 4.361 ng/ul
 RT: 13.95 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BN000159.D
 Acq: 22 Feb 2018 13:31

Tgt Ion:162 Resp: 101262
 Ion Ratio Lower Upper
 162 100
 164 32.5 26.2 39.4
 127 43.3 29.5 44.3

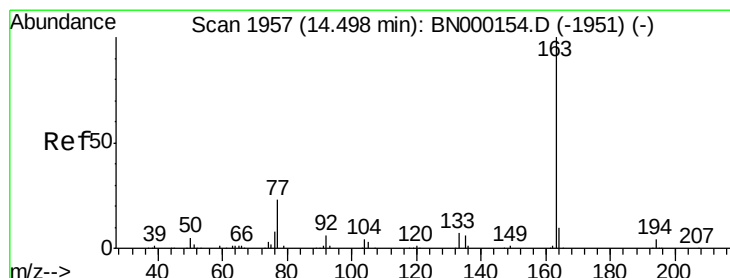
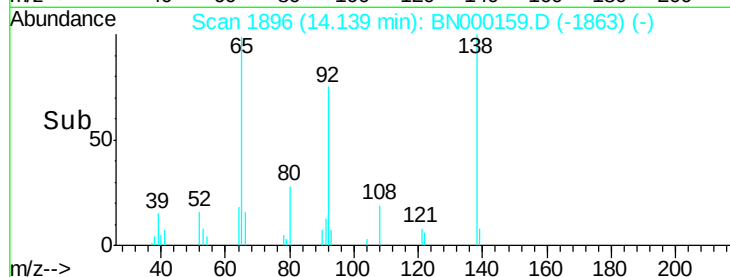
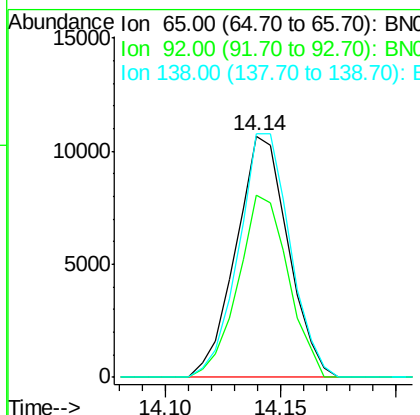
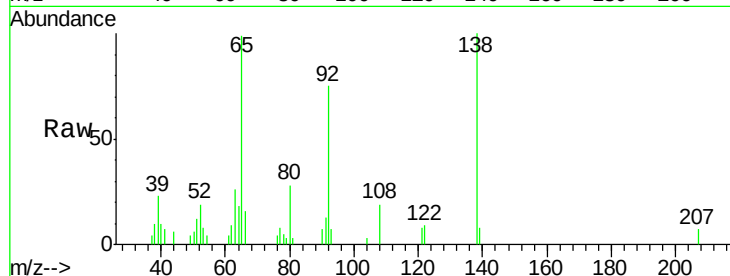




#43
2-Nitroaniline
Concen: 2.829 ng/ul
RT: 14.14 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BN000159.D
Acq: 22 Feb 2018 13:31

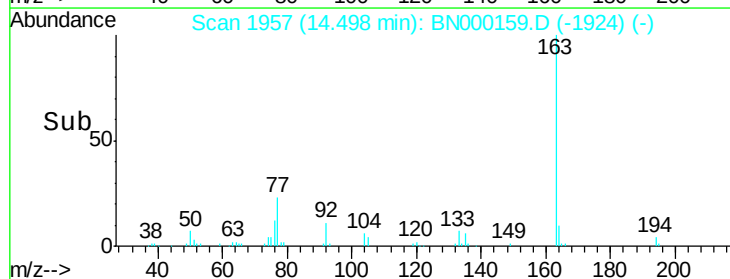
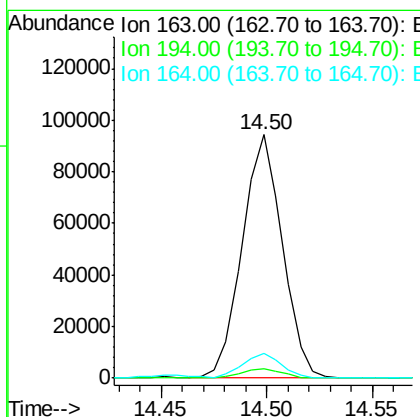
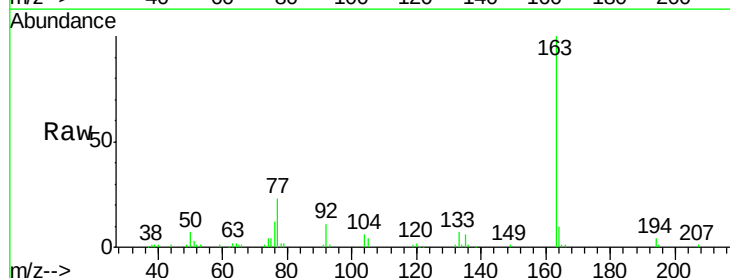
Instrument :
BNA_N
ClientSampleId :
MDL-S-05

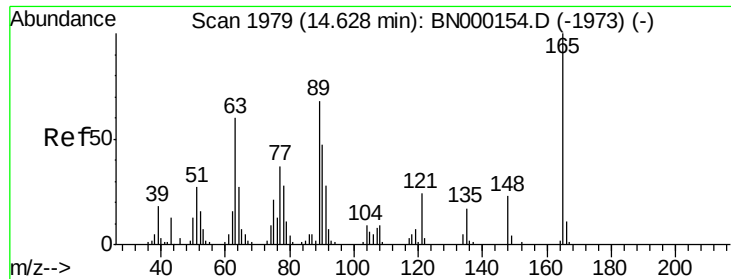
Tgt Ion: 65 Resp: 16821
Ion Ratio Lower Upper
65 100
92 75.1 57.0 85.4
138 100.7 87.2 130.8



#45
Dimethylphthalate
Concen: 4.380 ng/ul
RT: 14.50 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BN000159.D
Acq: 22 Feb 2018 13:31

Tgt Ion: 163 Resp: 124859
Ion Ratio Lower Upper
163 100
194 3.7 4.0 6.0#
164 9.9 8.4 12.6

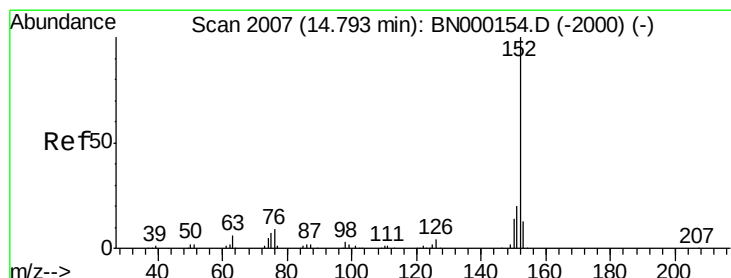
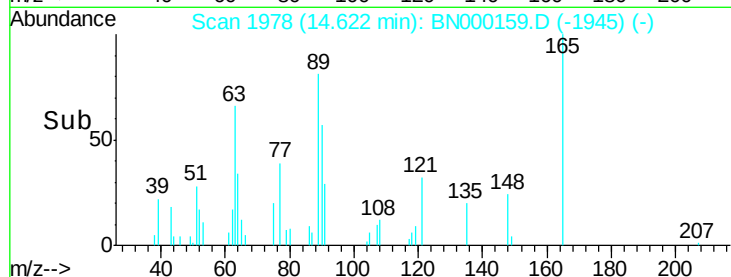
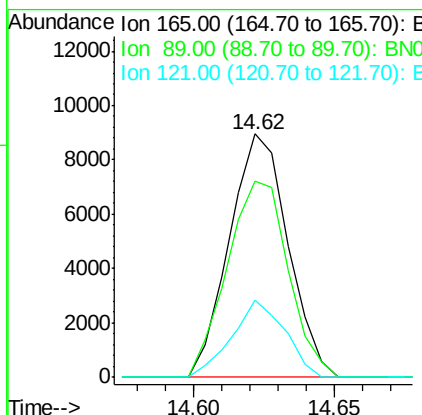
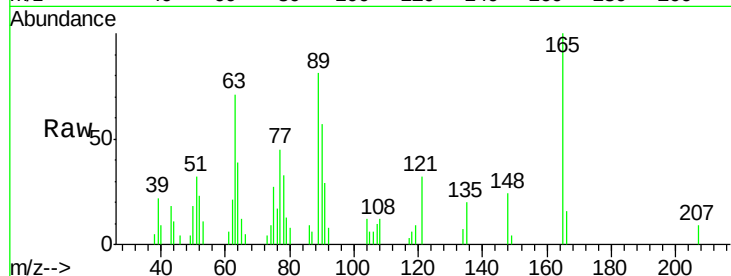




#46
 2,6-Dinitrotoluene
 Concen: 2.708 ng/ul
 RT: 14.62 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BN000159.D
 Acq: 22 Feb 2018 13:31

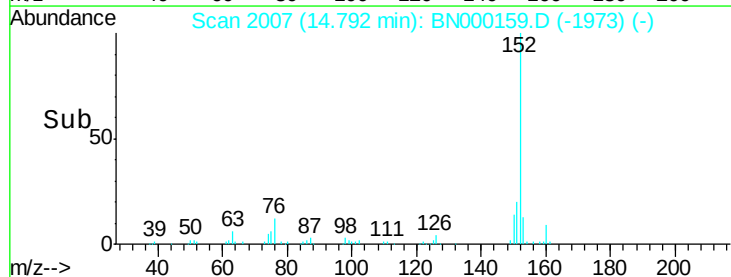
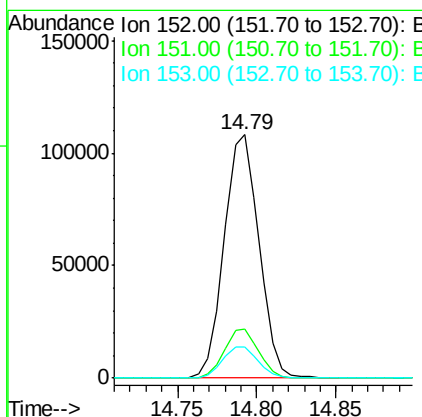
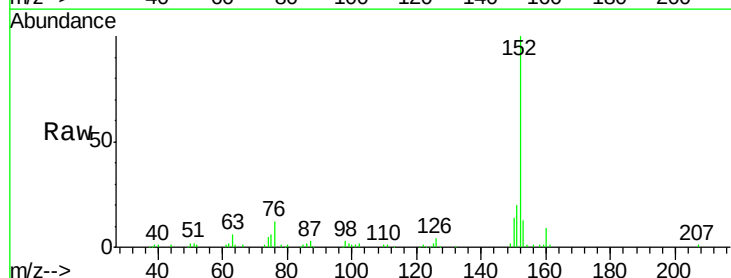
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-05

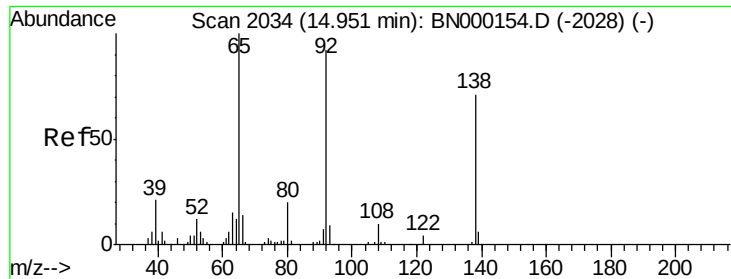
Tgt Ion:165 Resp: 12897
 Ion Ratio Lower Upper
 165 100
 89 80.8 43.8 65.8#
 121 31.5 17.8 26.6#



#48
 Acenaphthylene
 Concen: 4.496 ng/ul
 RT: 14.79 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BN000159.D
 Acq: 22 Feb 2018 13:31

Tgt Ion:152 Resp: 164538
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.1 24.1
 153 12.6 10.8 16.2

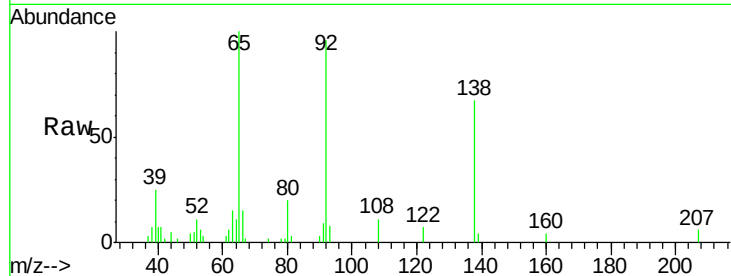




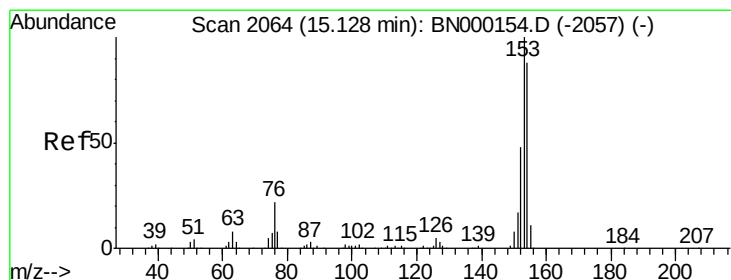
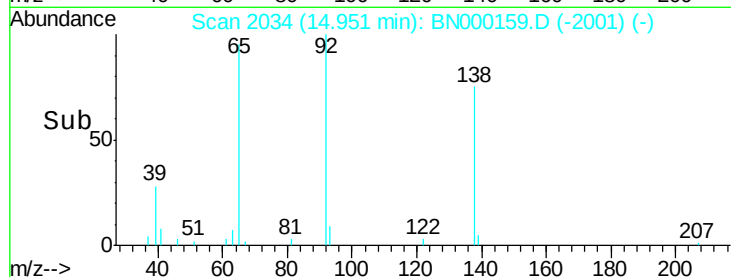
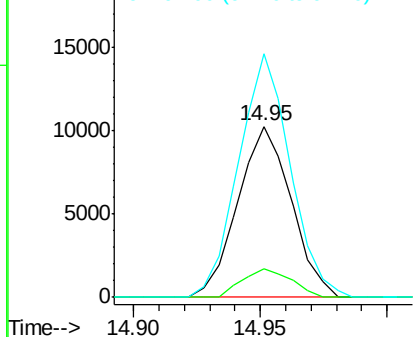
#49
3-Nitroaniline
Concen: 2.649 ng/ul
RT: 14.95 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BN000159.D
Acq: 22 Feb 2018 13:31

Instrument :
BNA_N
ClientSampleId :
MDL-S-05

Tgt Ion:138 Resp: 15101
Ion Ratio Lower Upper
138 100
108 16.7 7.6 11.4#
92 142.2 94.2 141.2#

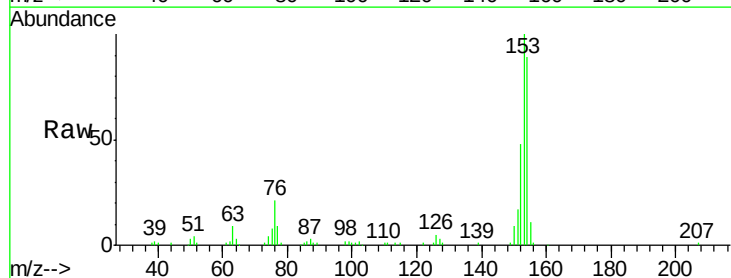


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BNC

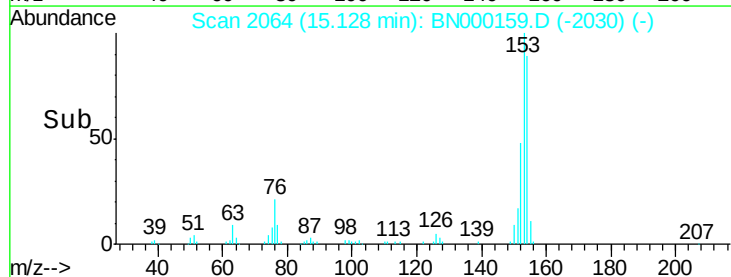
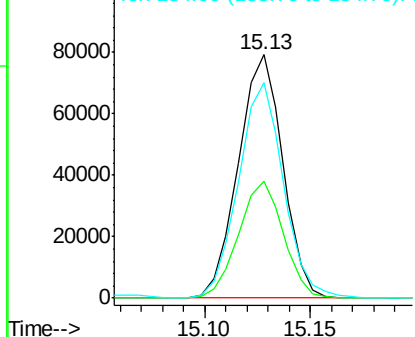


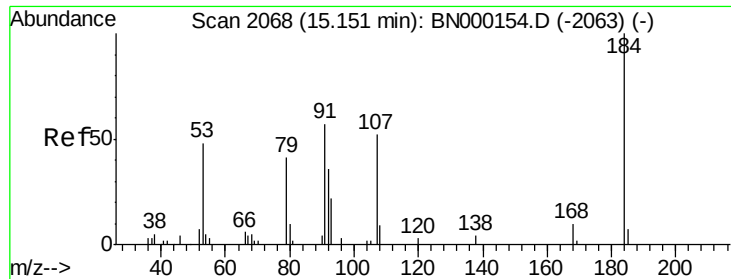
#50
Acenaphthene
Concen: 4.486 ng/ul
RT: 15.13 min Scan# 2064
Delta R.T. -0.00 min
Lab File: BN000159.D
Acq: 22 Feb 2018 13:31

Tgt Ion:153 Resp: 115780
Ion Ratio Lower Upper
153 100
152 47.8 37.9 56.9
154 88.7 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

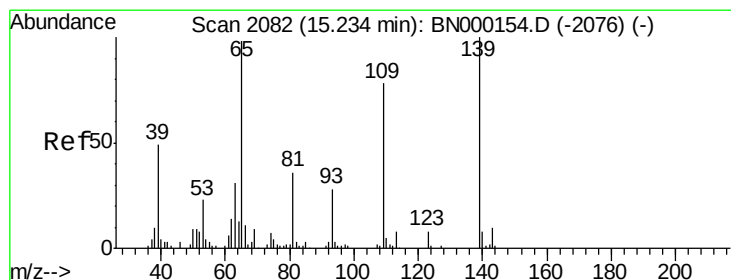
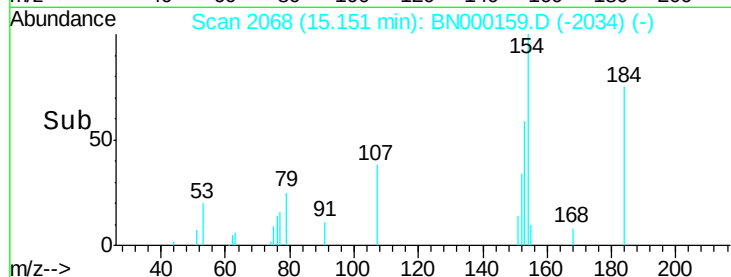
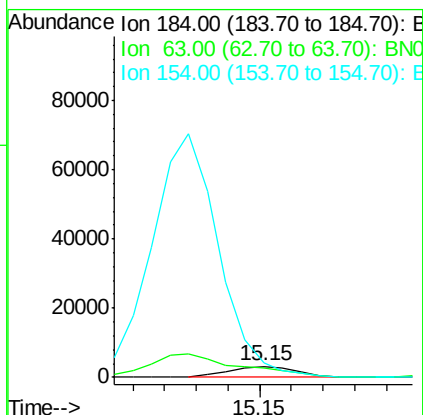
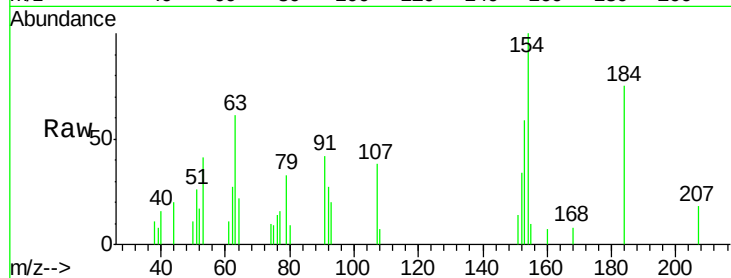




#51
2,4-Dinitrophenol
Concen: 2.037 ng/ul
RT: 15.15 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BN000159.D
Acq: 22 Feb 2018 13:31

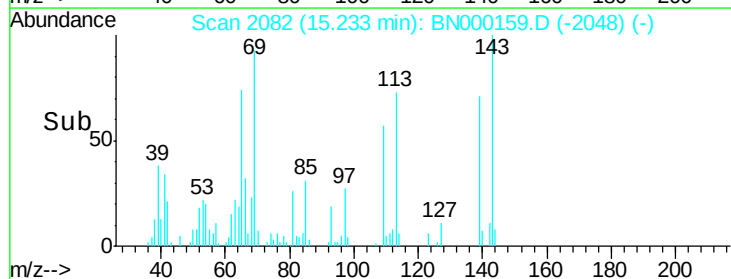
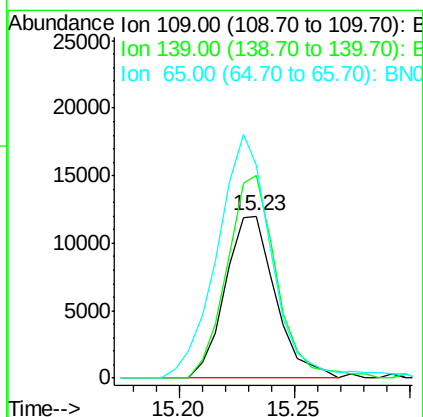
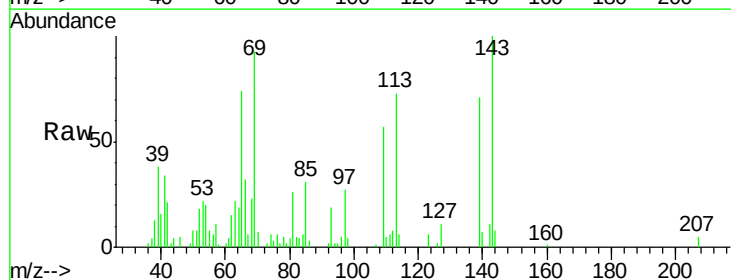
Instrument :
BNA_N
ClientSampleId :
MDL-S-05

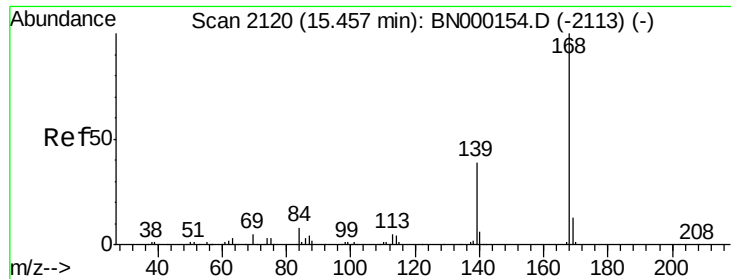
Tgt Ion:184 Resp: 4501
Ion Ratio Lower Upper
184 100
63 82.5 39.7 59.5#
154 134.2 45.0 67.6#



#53
4-Nitrophenol
Concen: 3.852 ng/ul
RT: 15.23 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BN000159.D
Acq: 22 Feb 2018 13:31

Tgt Ion:109 Resp: 18111
Ion Ratio Lower Upper
109 100
139 124.9 91.2 136.8
65 130.9 92.6 139.0





#54

Dibenzofuran

Concen: 4.586 ng/ul

RT: 15.46 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

Instrument :

BNA_N

ClientSampleId :

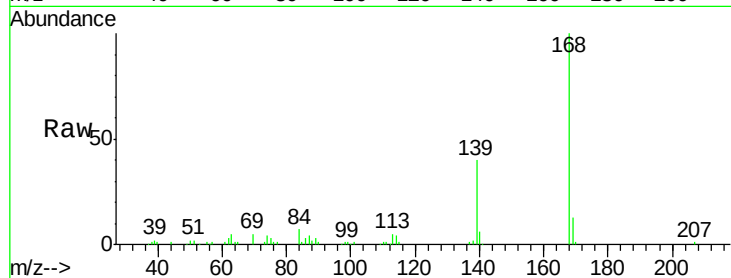
MDL-S-05

Tgt Ion:168 Resp: 164311

Ion Ratio Lower Upper

168 100

139 39.7 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

120000

100000

80000

60000

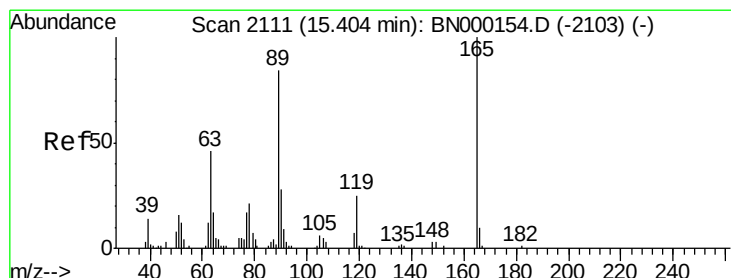
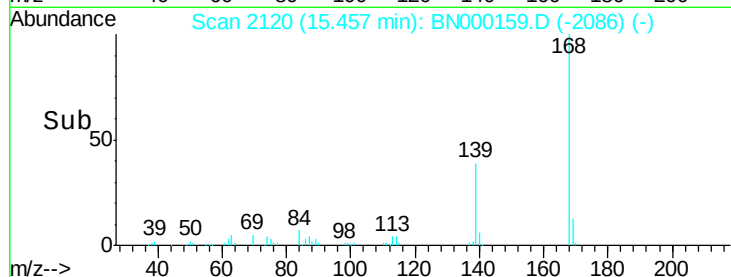
40000

20000

0

15.40 15.45 15.50

Time-->



#55

2,4-Dinitrotoluene

Concen: 3.305 ng/ul

RT: 15.40 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

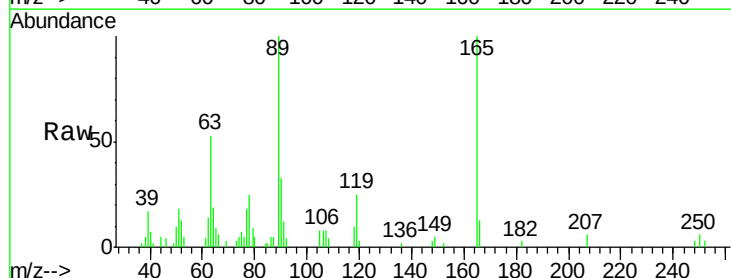
Tgt Ion:165 Resp: 24350

Ion Ratio Lower Upper

165 100

63 52.9 31.4 47.0#

182 3.5 2.7 4.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E

20000

15000

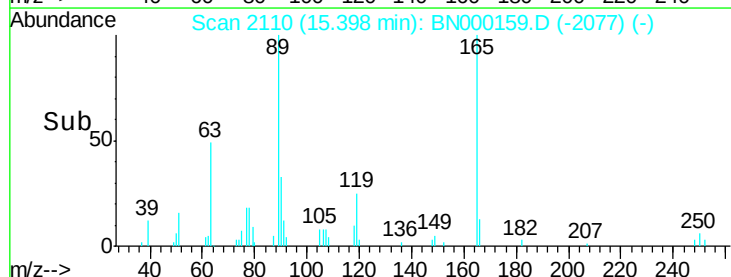
10000

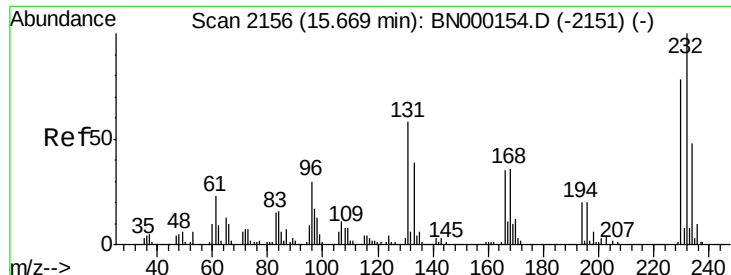
5000

0

15.35 15.40

Time-->

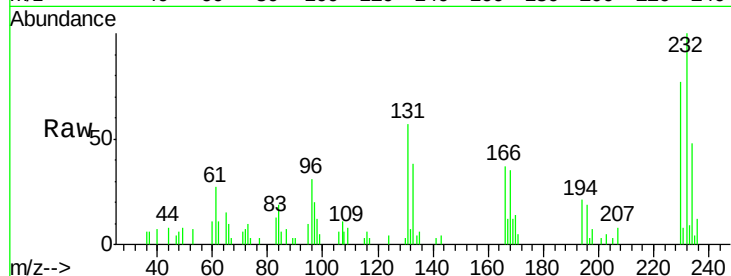




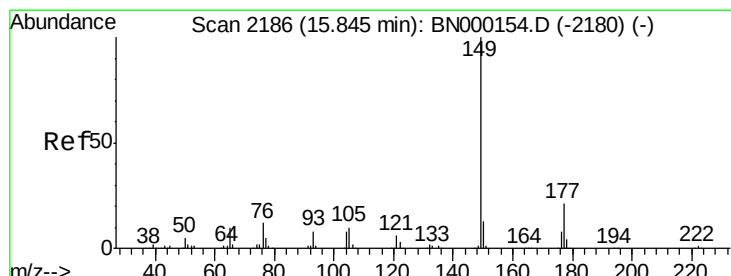
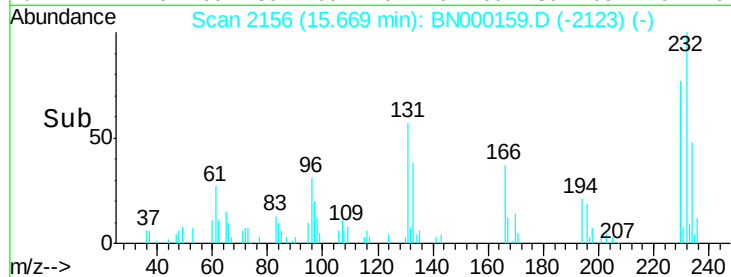
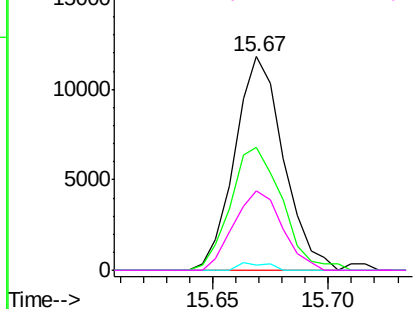
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.140 ng/ul
 RT: 15.67 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BN000159.D
 Acq: 22 Feb 2018 13:31

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-05

Tgt Ion: 232 Resp: 17366
 Ion Ratio Lower Upper
 232 100
 131 57.3 48.0 72.0
 130 2.6 4.0 6.0#
 166 37.1 32.0 48.0

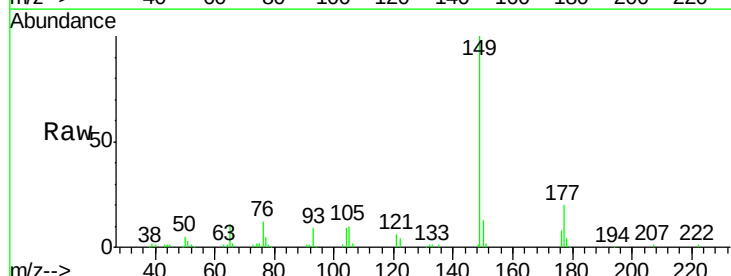


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

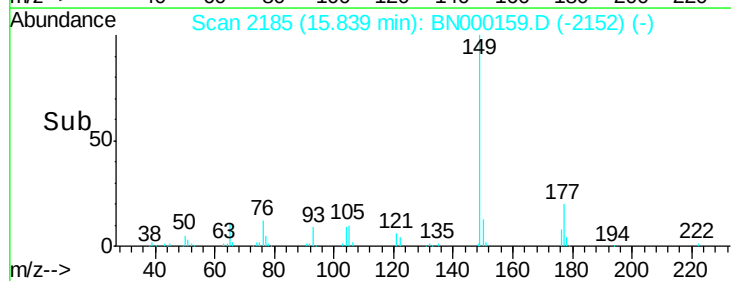
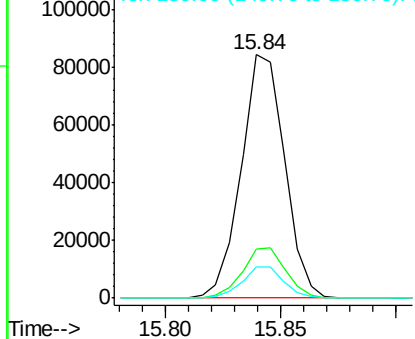


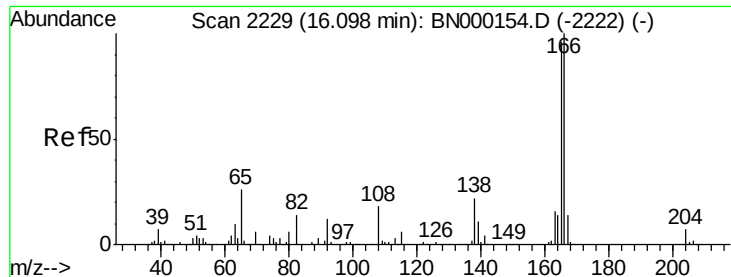
#57
 Diethylphthalate
 Concen: 3.855 ng/ul
 RT: 15.84 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BN000159.D
 Acq: 22 Feb 2018 13:31

Tgt Ion: 149 Resp: 110720
 Ion Ratio Lower Upper
 149 100
 177 20.0 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: 4.568 ng/ul

RT: 16.10 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

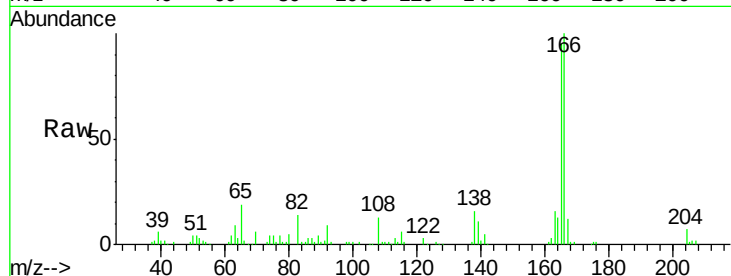
Tgt Ion:166 Resp: 131384

Ion Ratio Lower Upper

166 100

165 94.7 78.4 117.6

167 12.1 11.1 16.7



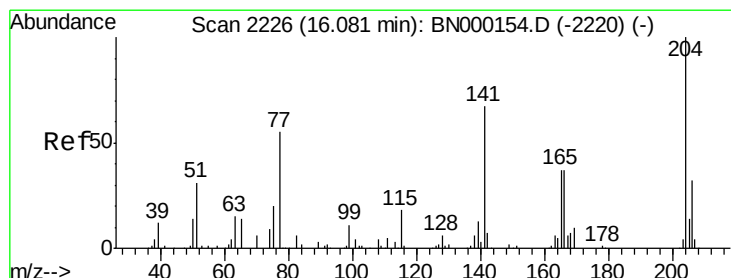
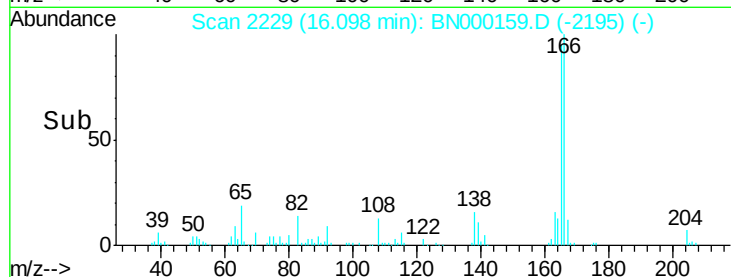
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

16.10

Time-->



#60

4-Chlorophenyl-phenylether

Concen: 4.639 ng/ul

RT: 16.08 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

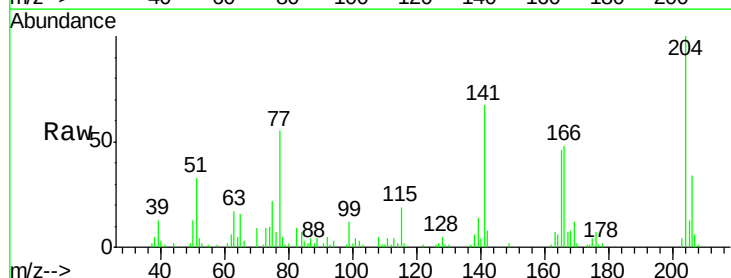
Tgt Ion:204 Resp: 60266

Ion Ratio Lower Upper

204 100

206 34.2 26.6 40.0

141 67.0 40.7 61.1#



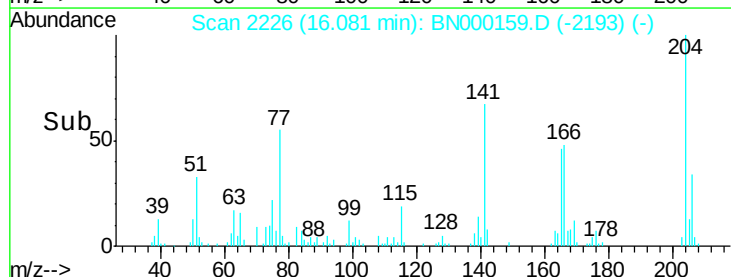
Abundance Ion 204.00 (203.70 to 204.70): E

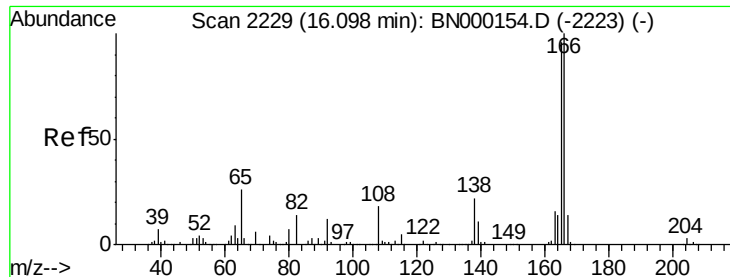
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

16.08

Time-->





#61

4-Nitroaniline

Concen: 3.152 ng/ul

RT: 16.10 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

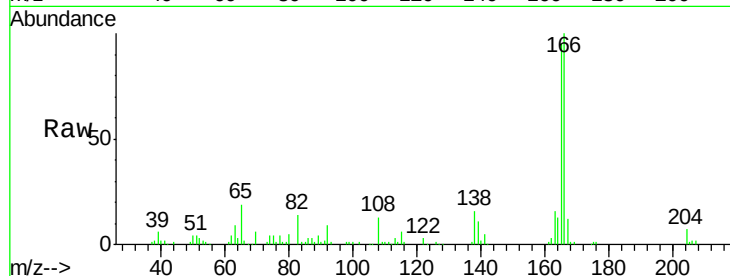
Tgt Ion:138 Resp: 21496

Ion Ratio Lower Upper

138 100

92 55.7 38.2 57.4

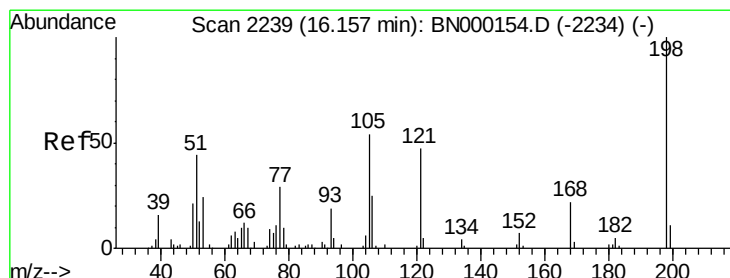
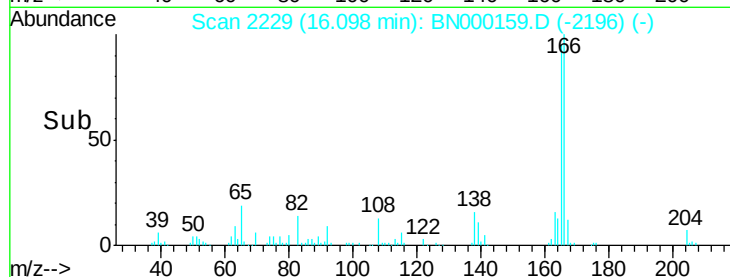
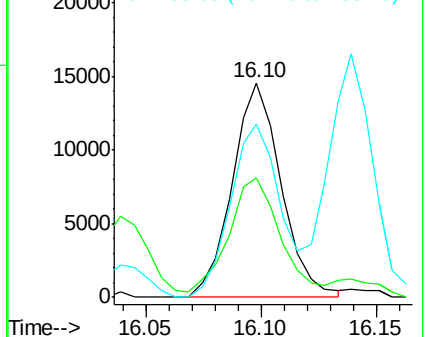
108 80.7 70.0 105.0



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: 3.353 ng/ul

RT: 16.15 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

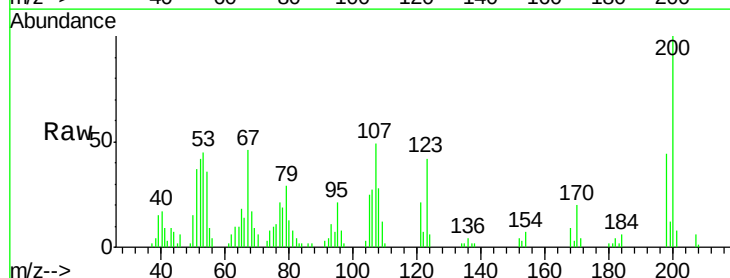
Tgt Ion:198 Resp: 13163

Ion Ratio Lower Upper

198 100

182 9.0 3.5 5.3#

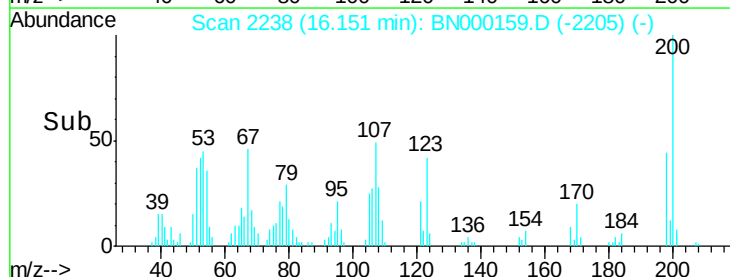
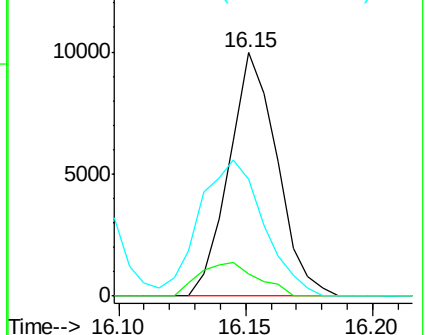
77 47.9 18.2 27.4#

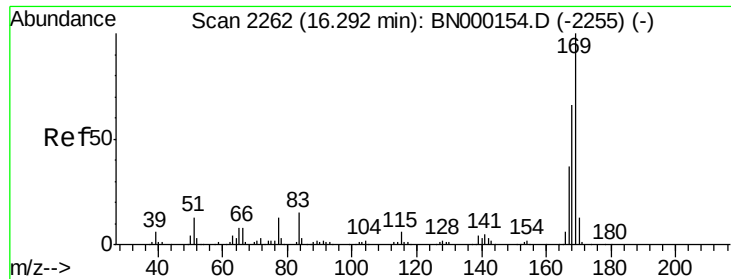


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BNO



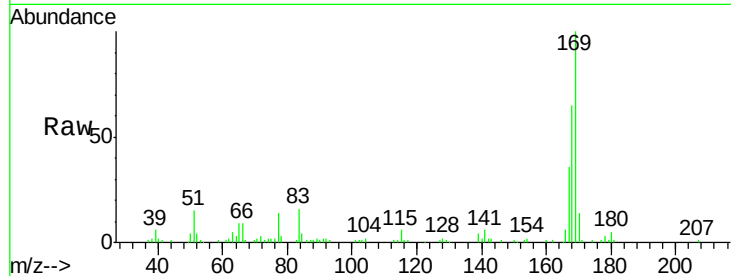


#65

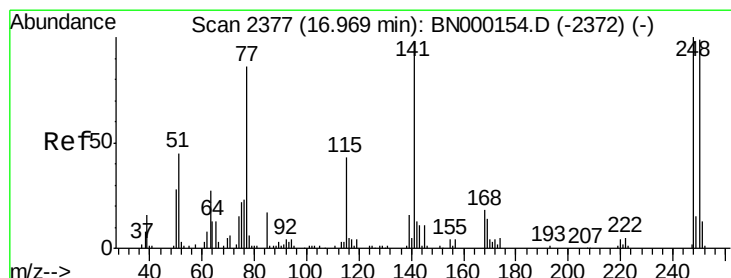
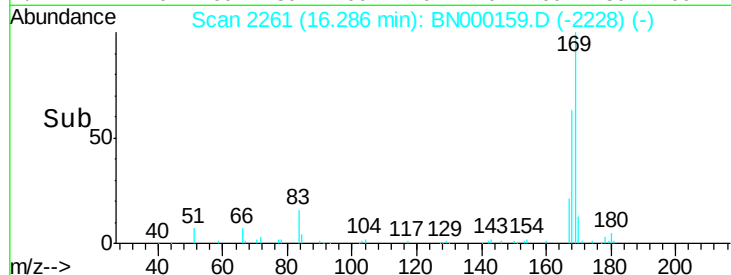
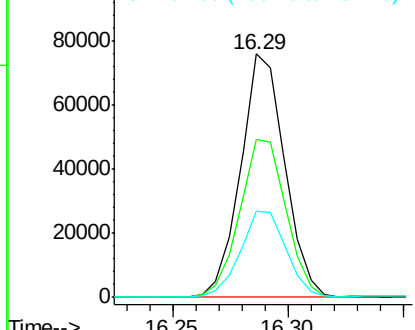
N-Nitrosodiphenylamine
Concen: 4.037 ng/ul
RT: 16.29 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BN000159.D
Acq: 22 Feb 2018 13:31

Instrument :
BNA_N
ClientSampleId :
MDL-S-05

Tgt Ion:169 Resp: 101428
Ion Ratio Lower Upper
169 100
168 64.9 53.8 80.8
167 35.6 29.5 44.3



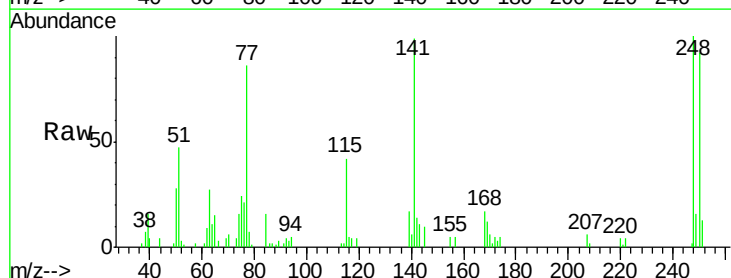
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



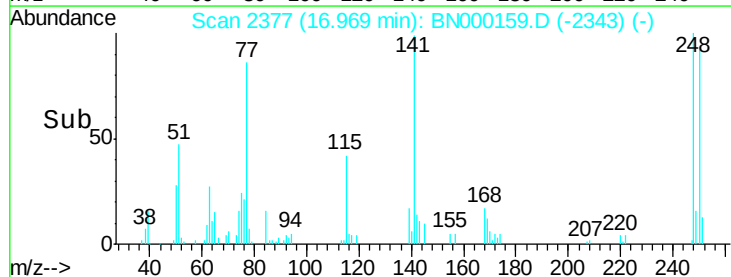
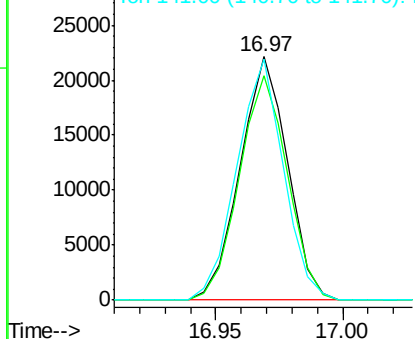
#66

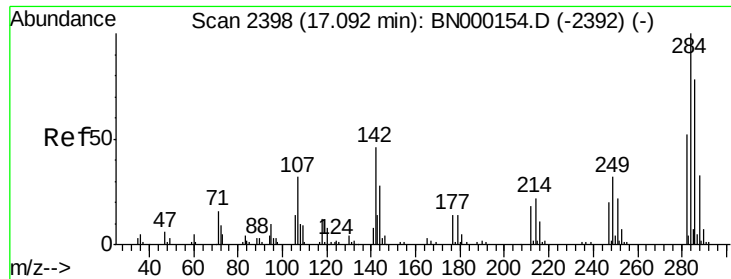
4-Bromophenyl-phenylether
Concen: 3.928 ng/ul
RT: 16.97 min Scan# 2377
Delta R.T. -0.00 min
Lab File: BN000159.D
Acq: 22 Feb 2018 13:31

Tgt Ion:248 Resp: 28876
Ion Ratio Lower Upper
248 100
250 91.9 79.0 118.4
141 99.2 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: 4.287 ng/ul

RT: 17.09 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

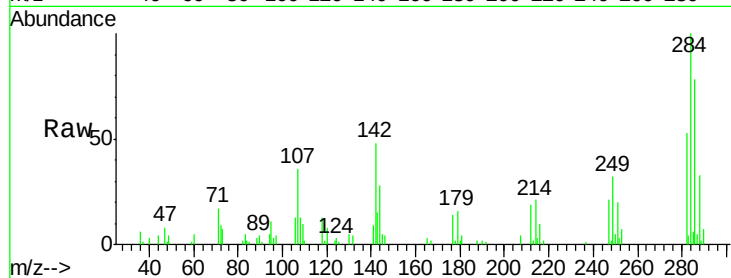
Tgt Ion:284 Resp: 35111

Ion Ratio Lower Upper

284 100

142 47.8 21.3 31.9#

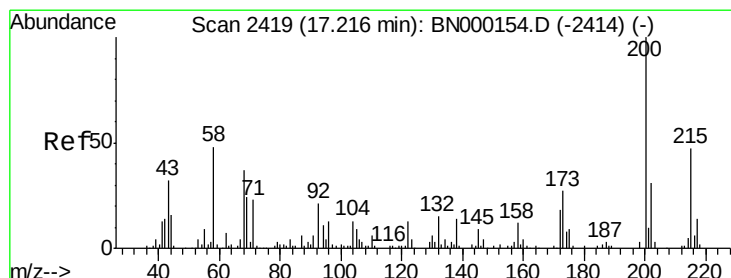
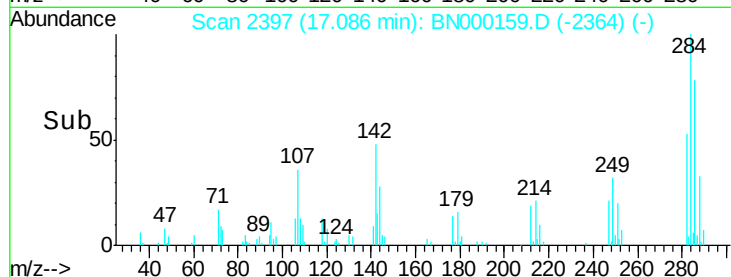
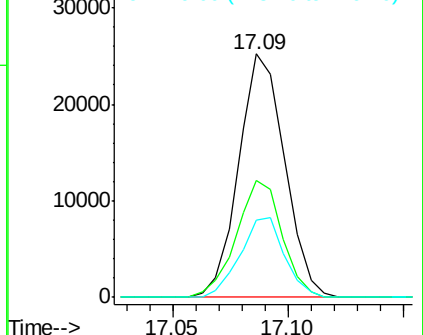
249 31.6 26.3 39.5



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: 2.809 ng/ul

RT: 17.21 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

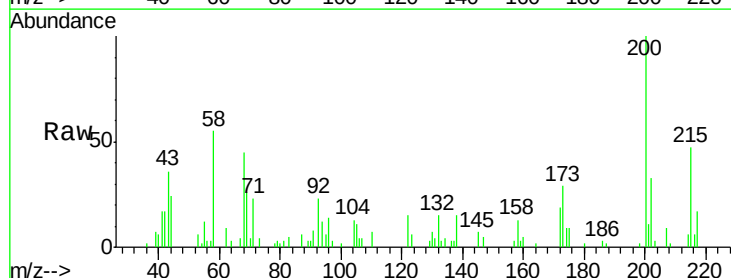
Tgt Ion:200 Resp: 21336

Ion Ratio Lower Upper

200 100

173 28.9 20.6 31.0

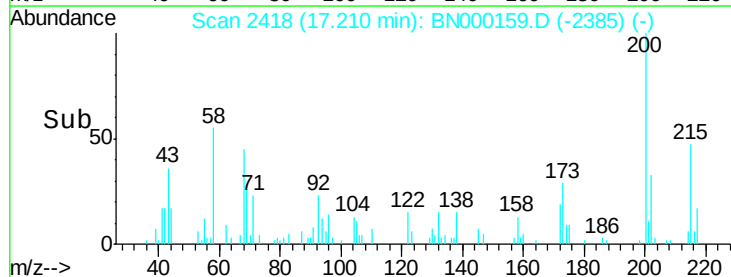
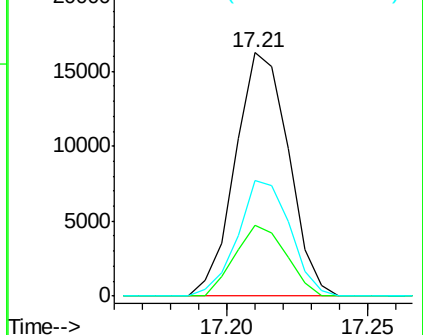
215 47.4 39.8 59.6

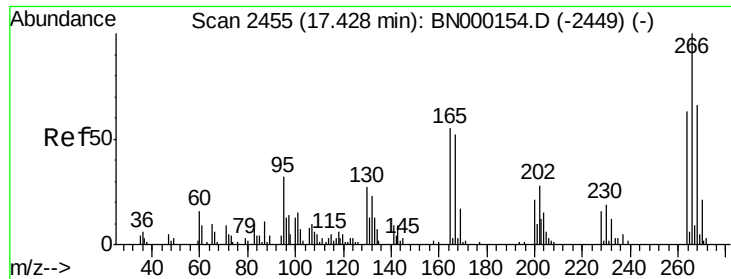


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 2.244 ng/ul

RT: 17.42 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

Instrument :

BNA_N

ClientSampled :

MDL-S-05

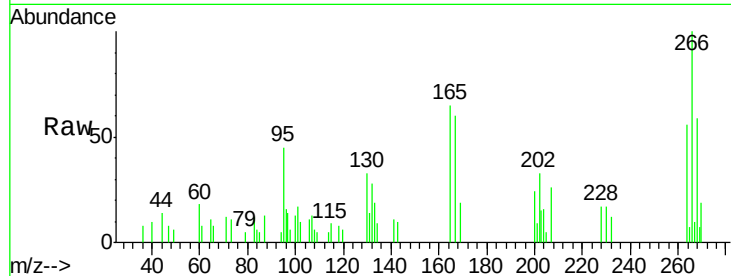
Tgt Ion:266 Resp: 9973

Ion Ratio Lower Upper

266 100

264 56.1 48.2 72.4

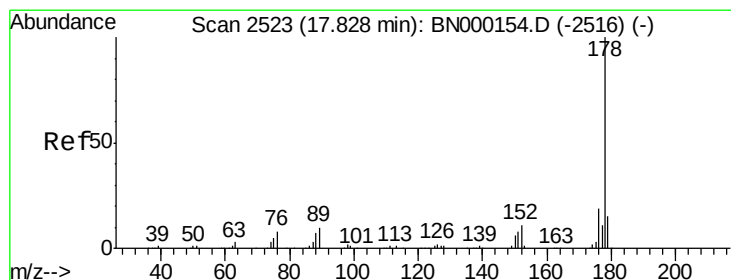
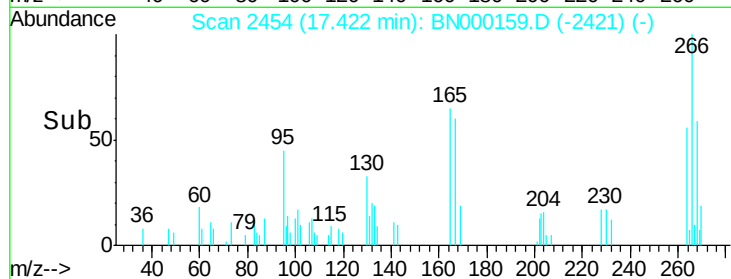
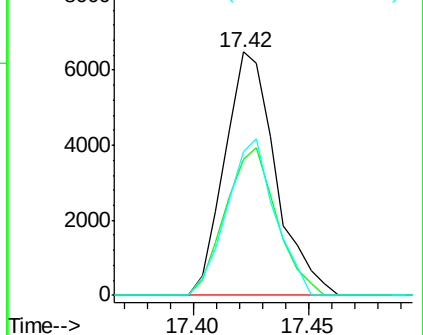
268 59.2 52.3 78.5



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: 4.471 ng/ul

RT: 17.82 min Scan# 2522

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

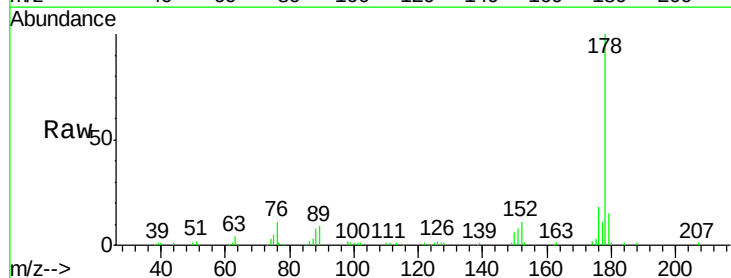
Tgt Ion:178 Resp: 211305

Ion Ratio Lower Upper

178 100

179 15.0 12.3 18.5

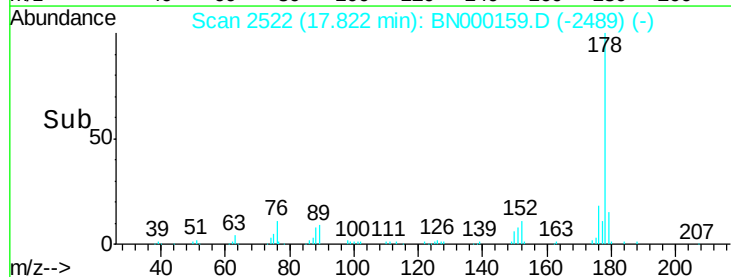
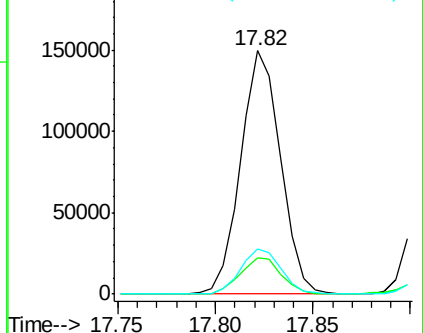
176 18.4 15.4 23.0

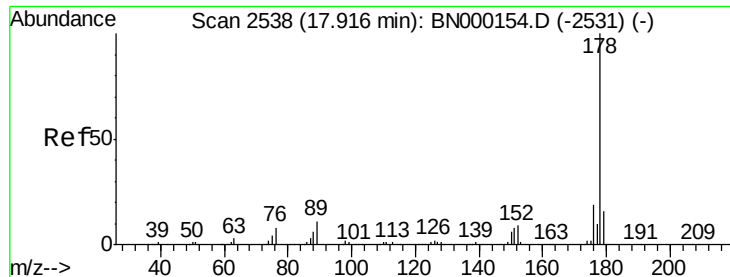


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 4.475 ng/uL

RT: 17.92 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

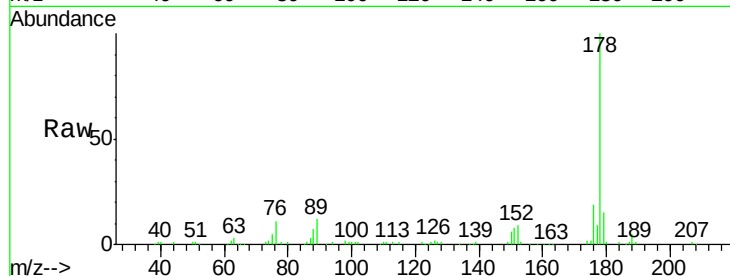
Tgt Ion:178 Resp: 215377

Ion Ratio Lower Upper

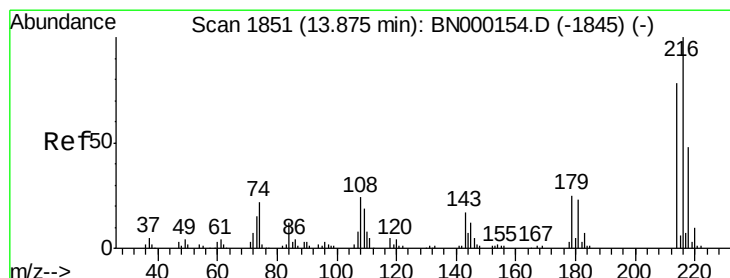
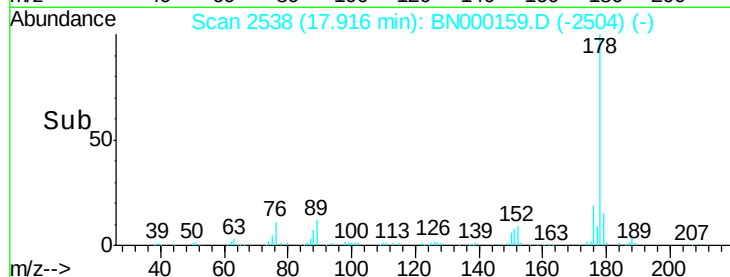
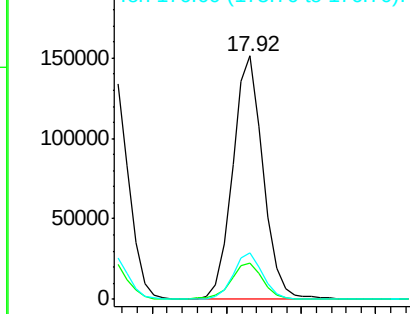
178 100

179 14.7 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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 4.278 ng/uL

RT: 13.87 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

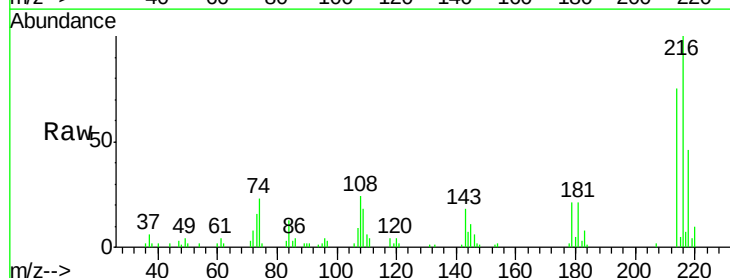
Tgt Ion:216 Resp: 45663

Ion Ratio Lower Upper

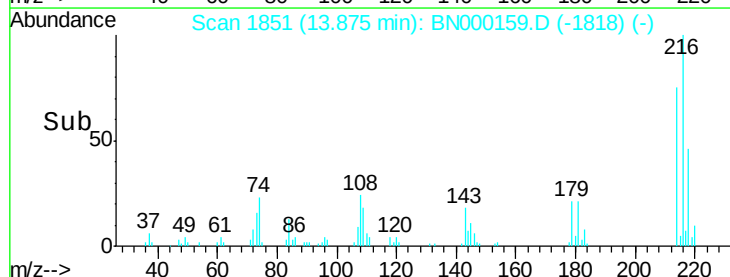
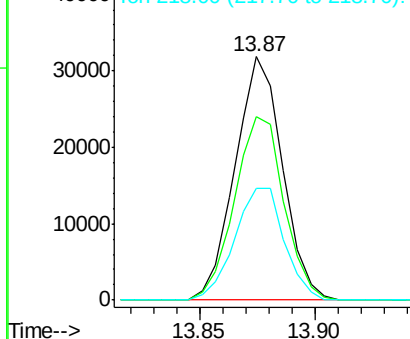
216 100

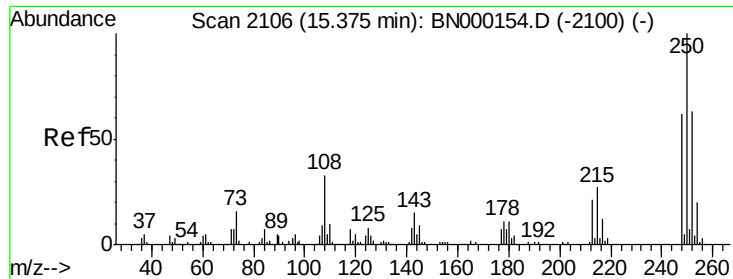
214 75.2 64.1 96.1

218 45.8 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

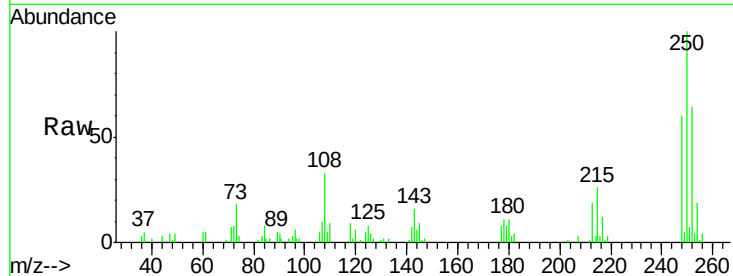




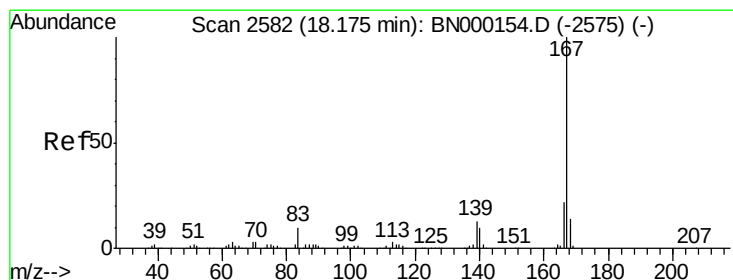
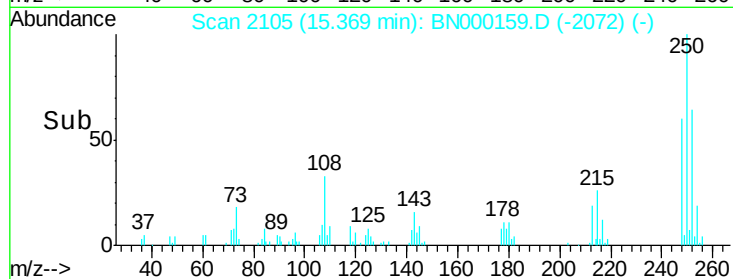
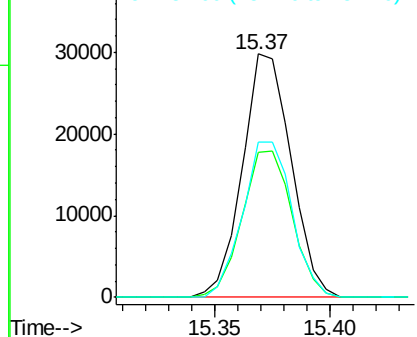
#74
 Pentachlorobenzene
 Concen: 4.295 ng/uL
 RT: 15.37 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BN000159.D
 Acq: 22 Feb 2018 13:31

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-05

Tgt Ion:250 Resp: 43889
 Ion Ratio Lower Upper
 250 100
 248 59.7 51.4 77.2
 252 63.9 49.8 74.6

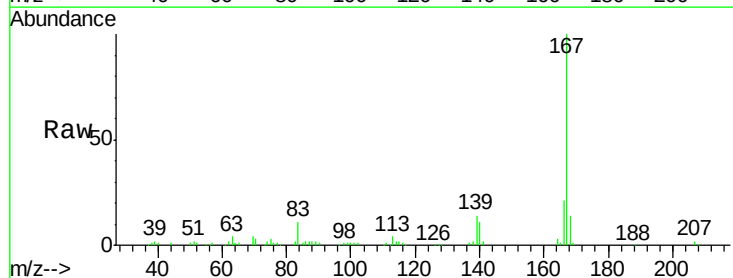


Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E

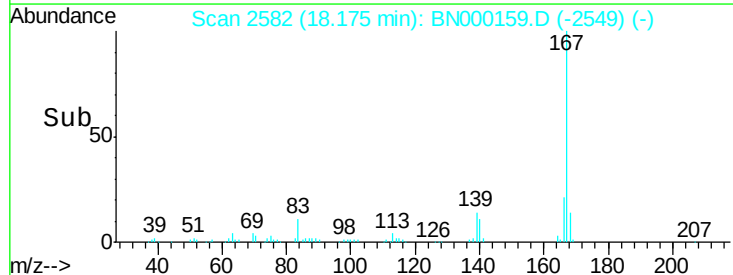
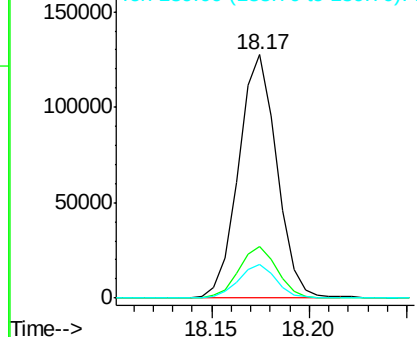


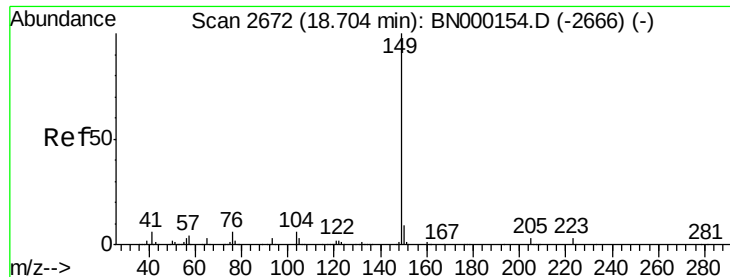
#75
 Carbazole
 Concen: 4.012 ng/uL
 RT: 18.17 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: BN000159.D
 Acq: 22 Feb 2018 13:31

Tgt Ion:167 Resp: 173009
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.4
 139 13.8 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: 2.963 ng/ul

RT: 18.70 min Scan# 2672

Delta R.T. -0.00 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

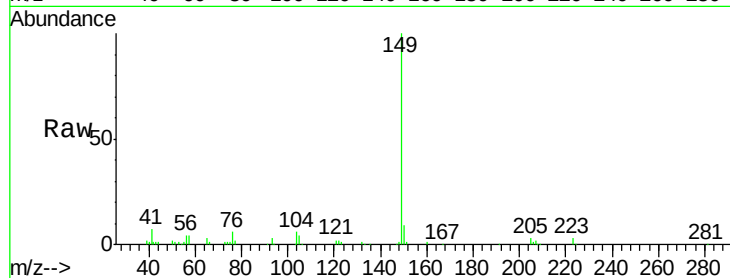
Tgt Ion:149 Resp: 138646

Ion Ratio Lower Upper

149 100

150 8.8 7.5 11.3

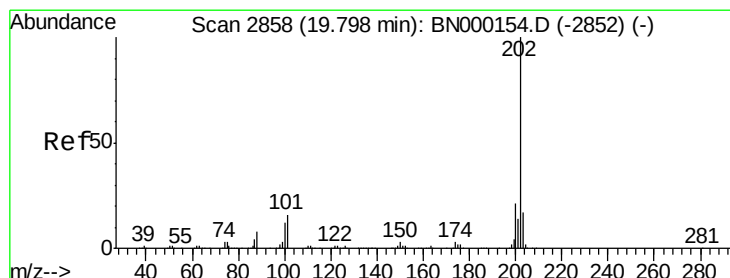
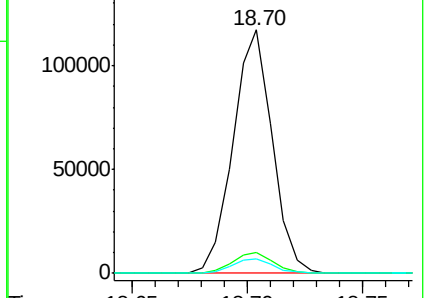
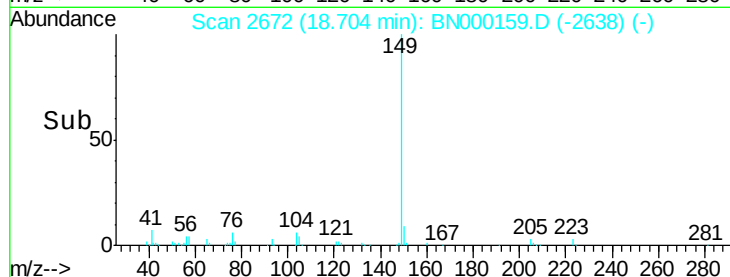
104 6.0 4.1 6.1



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: 4.081 ng/ul

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

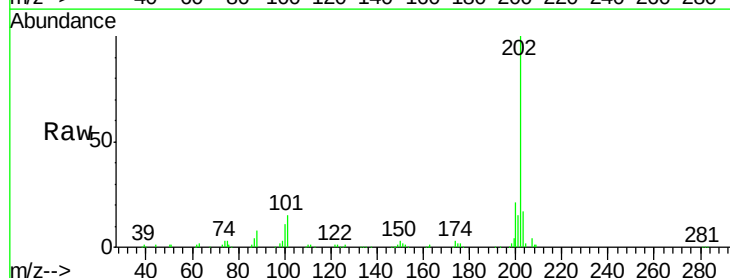
Tgt Ion:202 Resp: 201941

Ion Ratio Lower Upper

202 100

101 15.5 6.1 9.1#

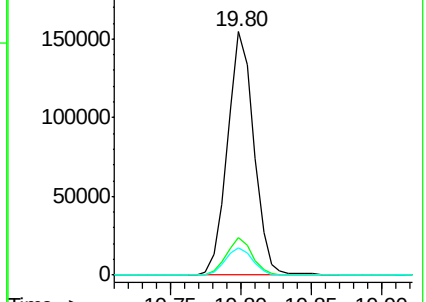
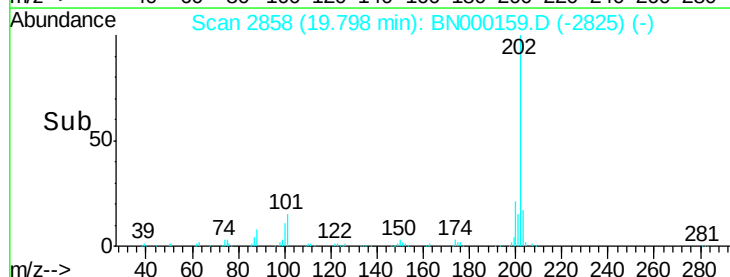
100 11.2 4.6 7.0#

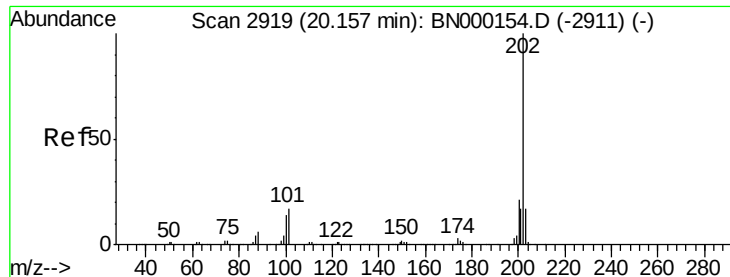


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

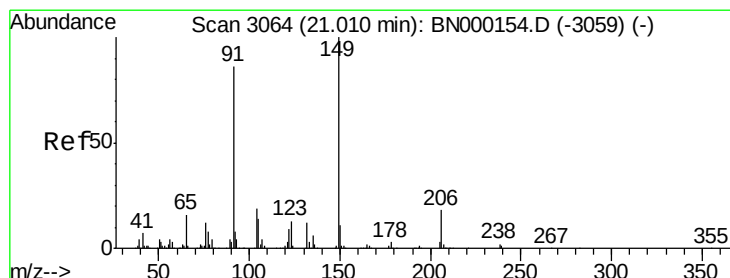
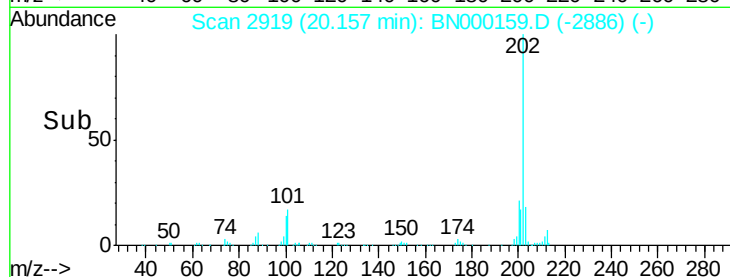
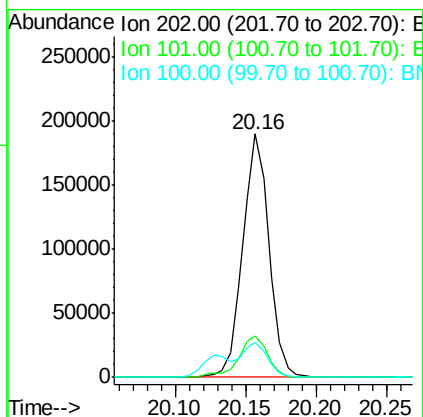
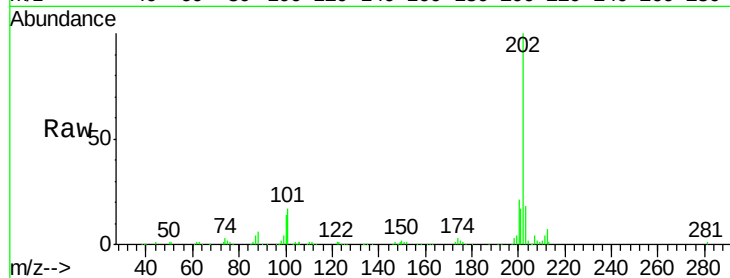




#80
 Pyrene
 Concen: 4.352 ng/ul
 RT: 20.16 min Scan# 2919
 Delta R.T. -0.01 min
 Lab File: BN000159.D
 Acq: 22 Feb 2018 13:31

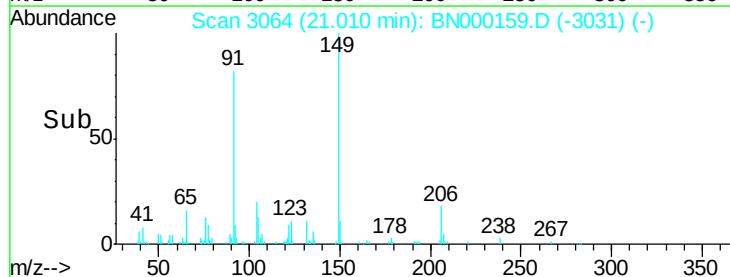
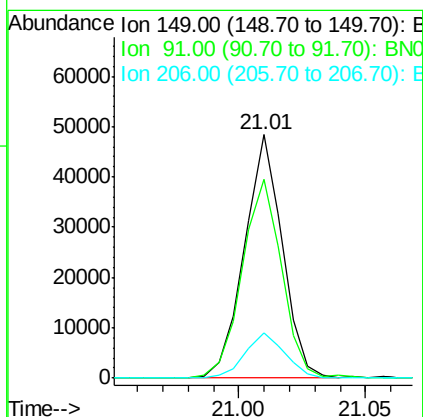
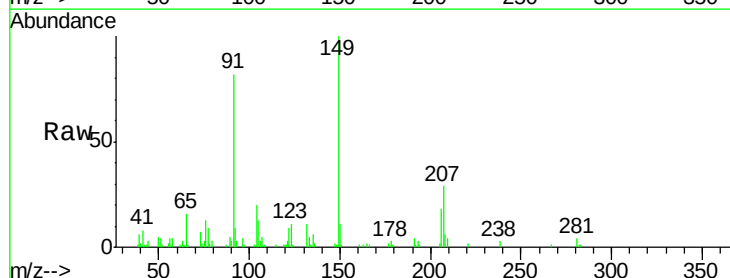
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-05

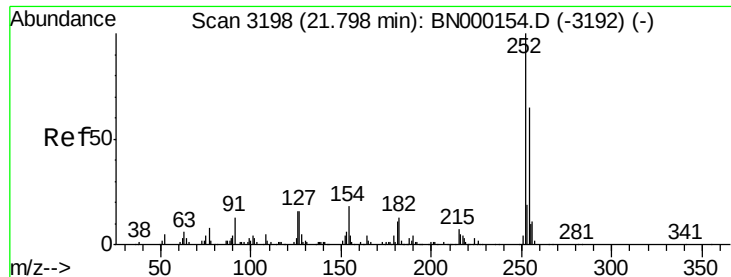
Tgt Ion:202 Resp: 247223
 Ion Ratio Lower Upper
 202 100
 101 16.9 6.9 10.3#
 100 14.4 5.6 8.4#



#81
 Butylbenzylphthalate
 Concen: 2.288 ng/ul
 RT: 21.01 min Scan# 3064
 Delta R.T. -0.01 min
 Lab File: BN000159.D
 Acq: 22 Feb 2018 13:31

Tgt Ion:149 Resp: 50277
 Ion Ratio Lower Upper
 149 100
 91 81.7 53.4 80.0#
 206 18.4 19.3 28.9#

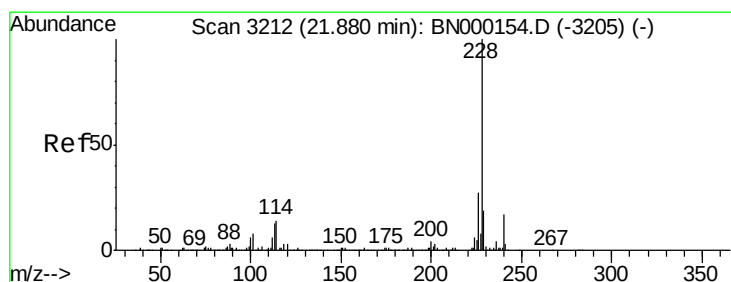
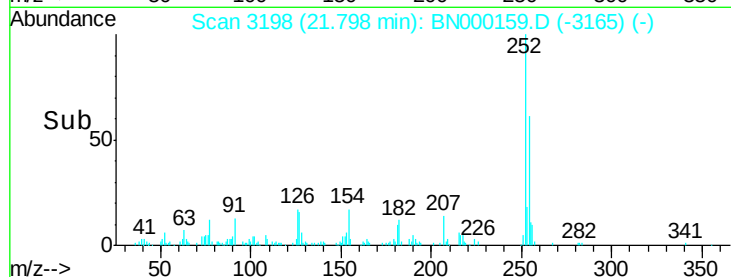
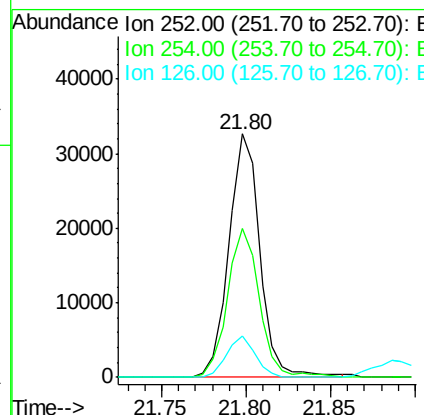
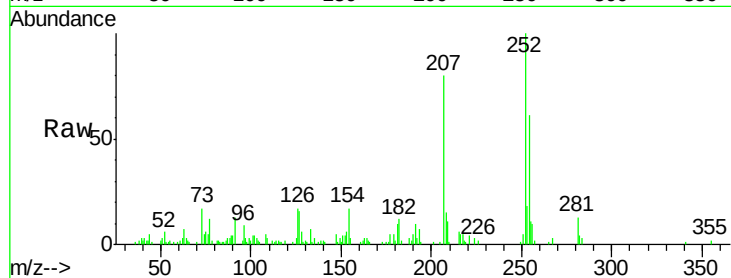




#82
 3,3'-Dichlorobenzidine
 Concen: 2.569 ng/ul
 RT: 21.80 min Scan# 3198
 Delta R.T. -0.01 min
 Lab File: BN000159.D
 Acq: 22 Feb 2018 13:31

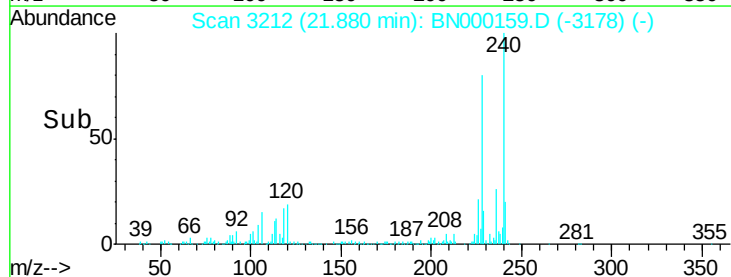
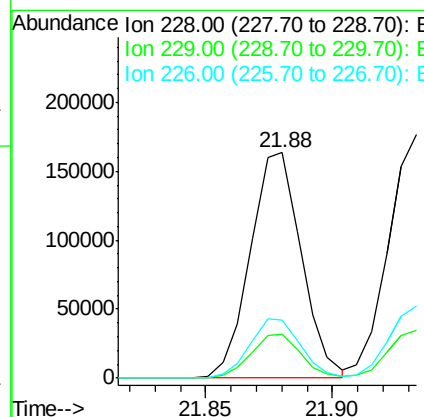
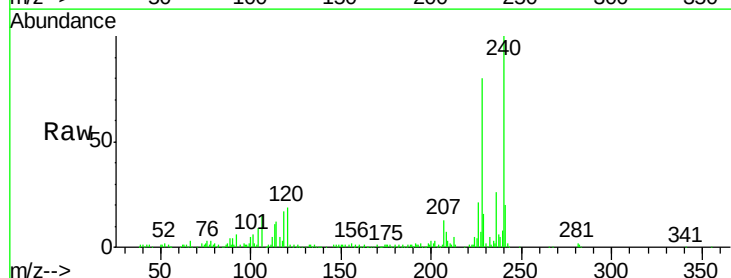
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-05

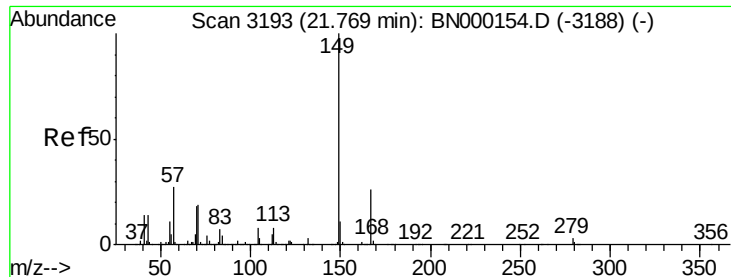
Tgt Ion: 252 Resp: 41738
 Ion Ratio Lower Upper
 252 100
 254 61.3 52.8 79.2
 126 17.2 6.9 10.3#



#83
 Benzo(a)anthracene
 Concen: 4.112 ng/ul
 RT: 21.88 min Scan# 3212
 Delta R.T. -0.00 min
 Lab File: BN000159.D
 Acq: 22 Feb 2018 13:31

Tgt Ion: 228 Resp: 228910
 Ion Ratio Lower Upper
 228 100
 229 19.5 16.0 24.0
 226 25.9 21.8 32.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.195 ng/ul

RT: 21.77 min Scan# 3193

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

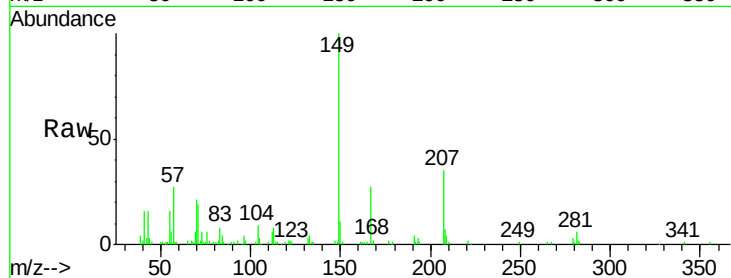
Tgt Ion:149 Resp: 72482

Ion Ratio Lower Upper

149 100

167 26.9 23.0 34.6

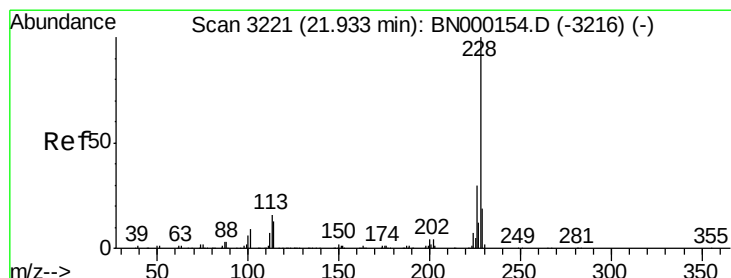
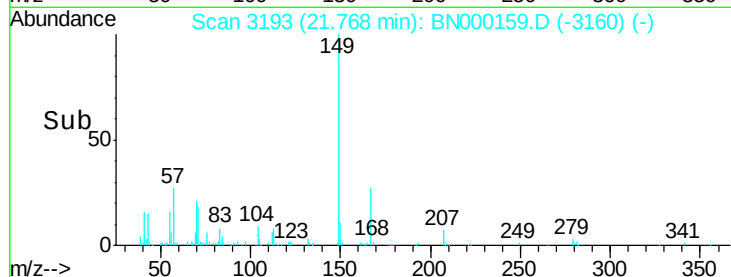
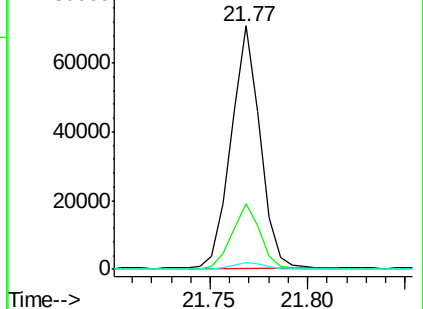
279 2.9 4.3 6.5#



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: 4.479 ng/ul

RT: 21.93 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

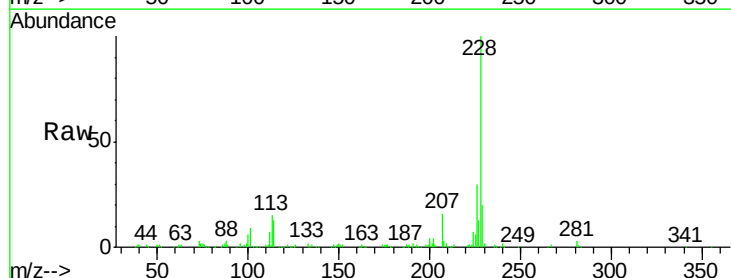
Tgt Ion:228 Resp: 241081

Ion Ratio Lower Upper

228 100

226 29.6 24.1 36.1

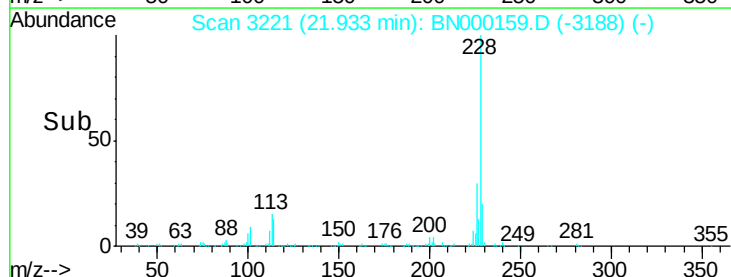
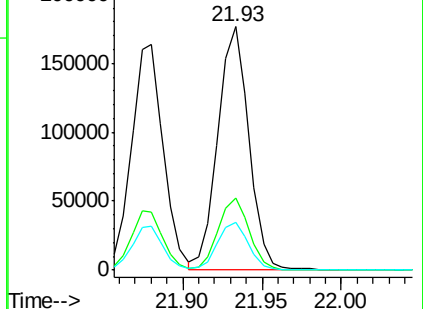
229 19.6 16.0 24.0

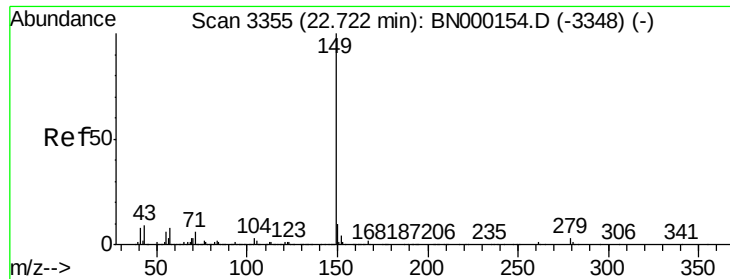


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 2.090 ng/ul

RT: 22.72 min Scan# 3355

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

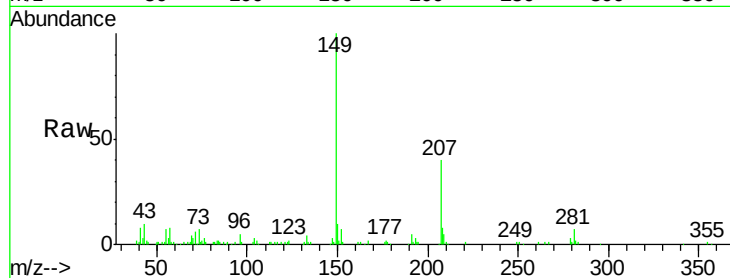
Instrument :

BNA_N

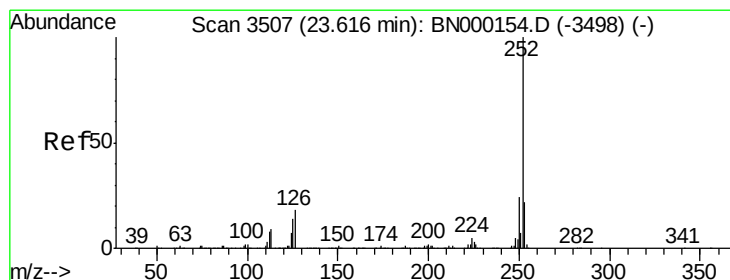
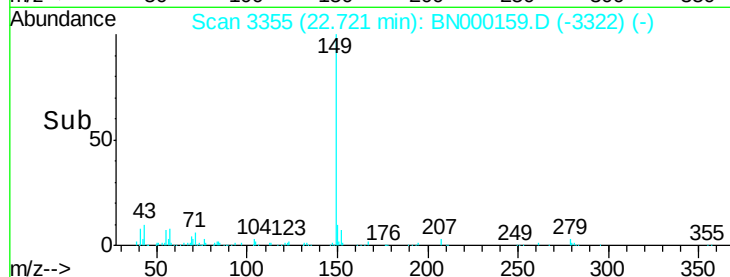
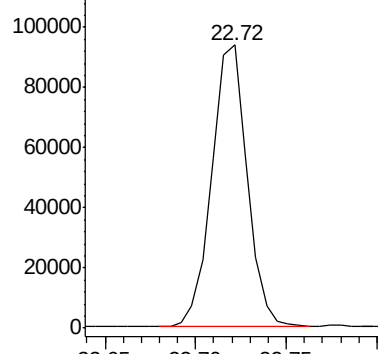
ClientSampleId :

MDL-S-05

Tgt Ion:149 Resp: 127778



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 4.119 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

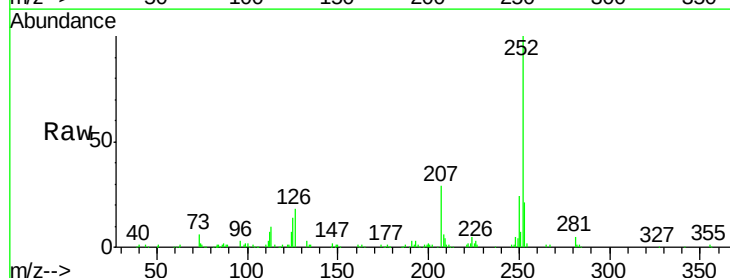
Tgt Ion:252 Resp: 239631

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

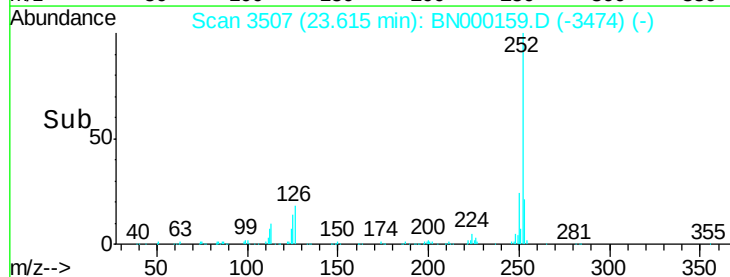
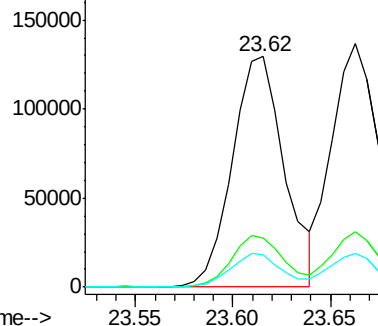
125 14.1 4.9 7.3#

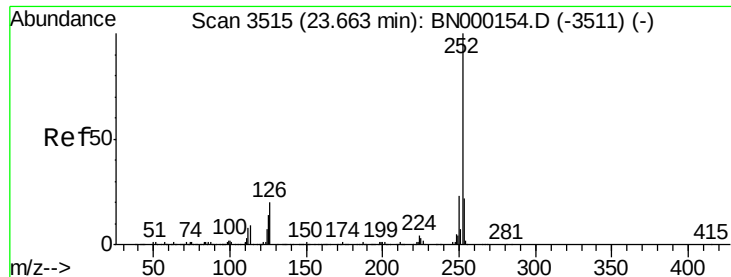


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 4.086 ng/ul

RT: 23.66 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

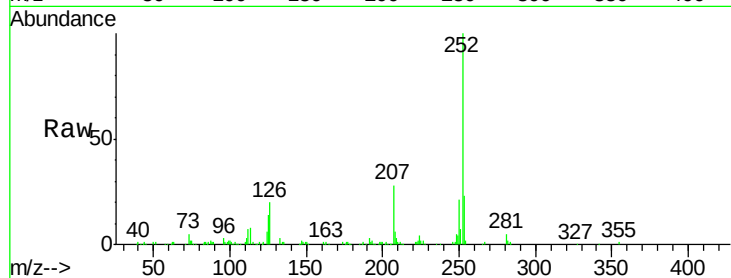
Tgt Ion:252 Resp: 234580

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

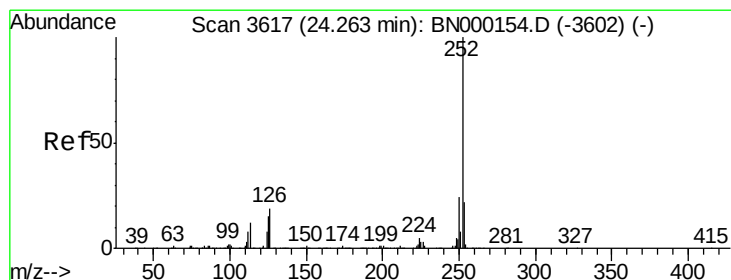
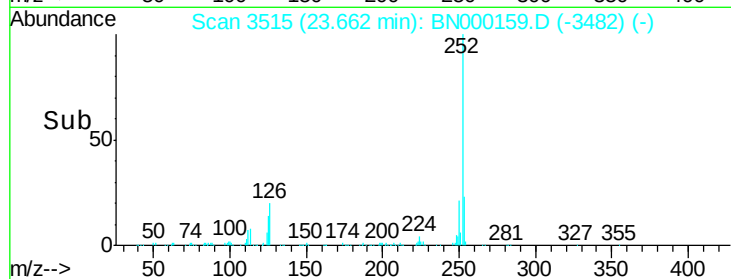
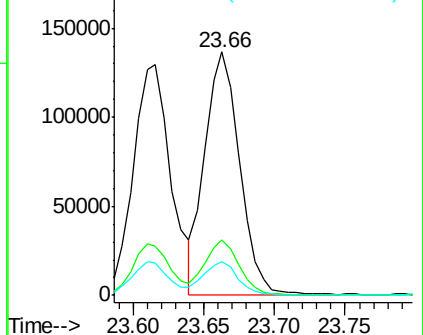
125 14.0 5.4 8.0#



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: 4.449 ng/ul

RT: 24.26 min Scan# 3617

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

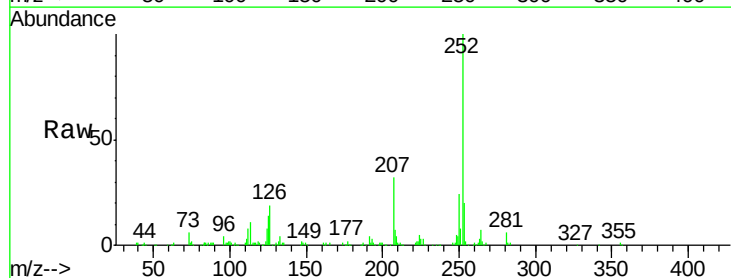
Tgt Ion:252 Resp: 258088

Ion Ratio Lower Upper

252 100

253 20.1 17.2 25.8

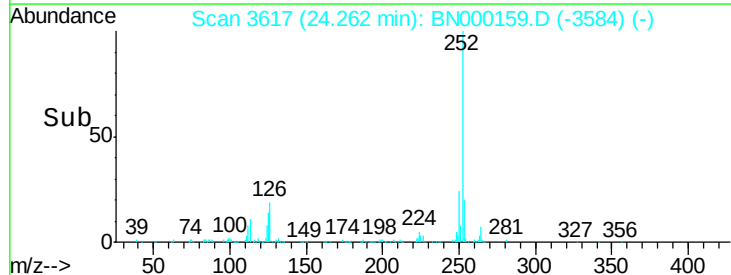
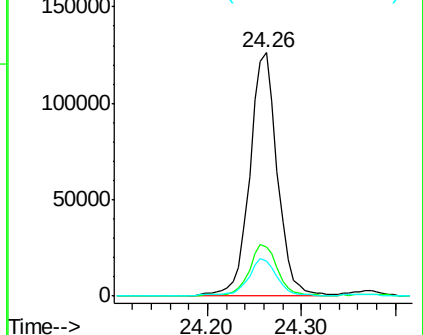
125 14.3 5.8 8.6#

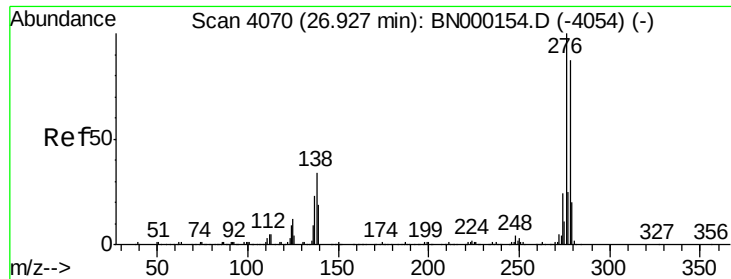


Abundance Ion 252.00 (251.70 to 252.70): E

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: 3.950 ng/ul

RT: 26.92 min Scan# 4068

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

Instrument :

BNA_N

ClientSampled :

MDL-S-05

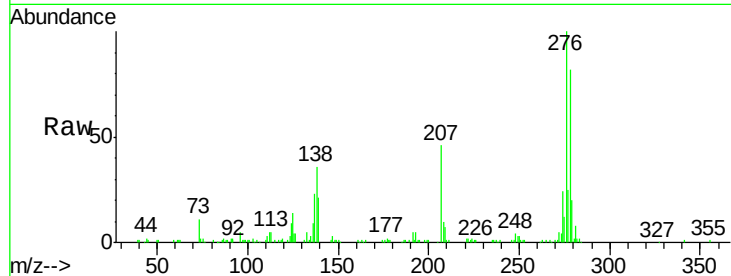
Tgt Ion:276 Resp: 267917

Ion Ratio Lower Upper

276 100

138 35.7 10.9 16.3#

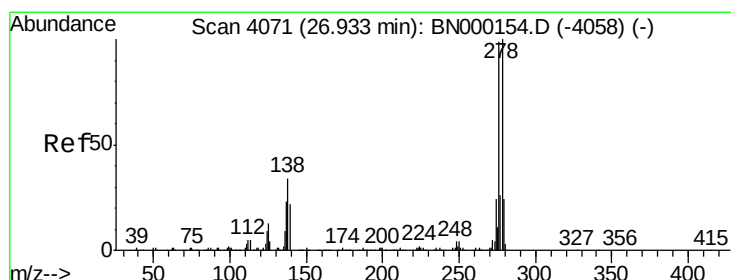
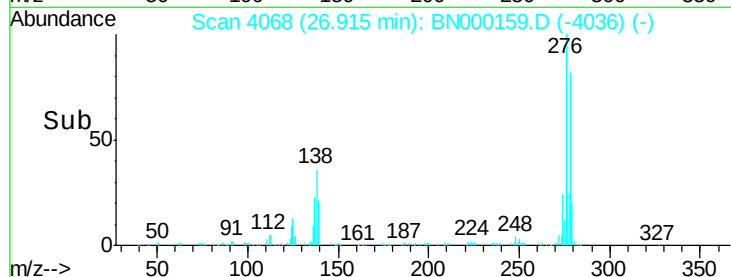
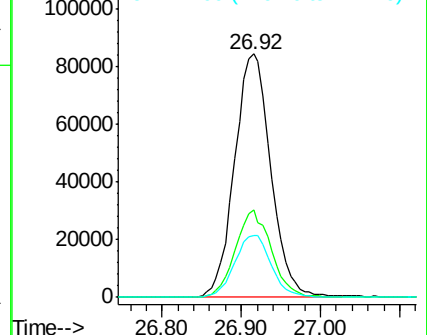
277 25.5 18.9 28.3



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: 4.027 ng/ul

RT: 26.93 min Scan# 4070

Delta R.T. -0.01 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

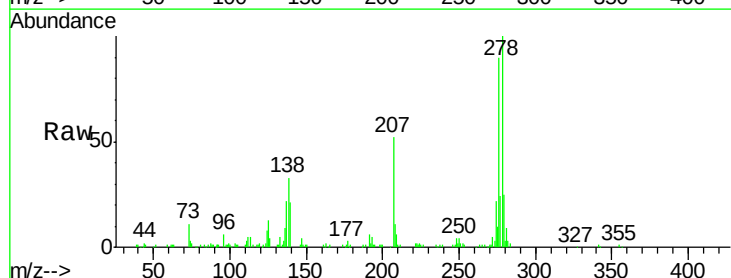
Tgt Ion:278 Resp: 227691

Ion Ratio Lower Upper

278 100

139 21.1 9.0 13.4#

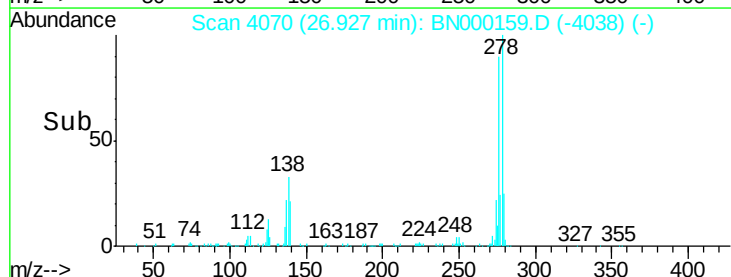
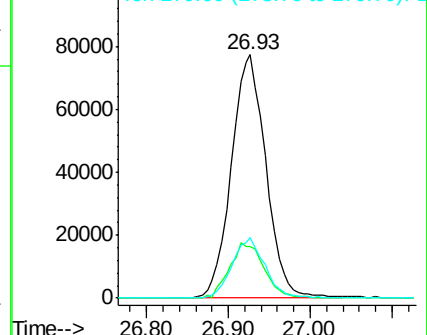
279 24.6 19.1 28.7

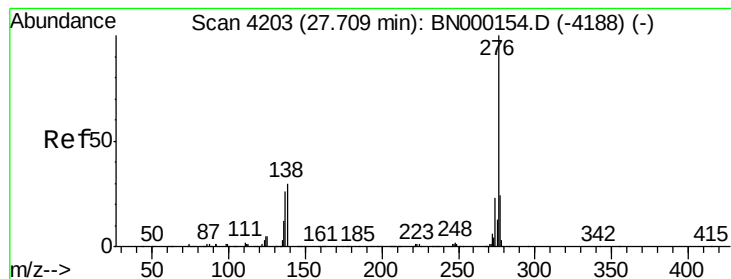


Abundance Ion 278.00 (277.70 to 278.70): E

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: 4.092 ng/ul

RT: 27.70 min Scan# 4201

Delta R.T. -0.02 min

Lab File: BN000159.D

Acq: 22 Feb 2018 13:31

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

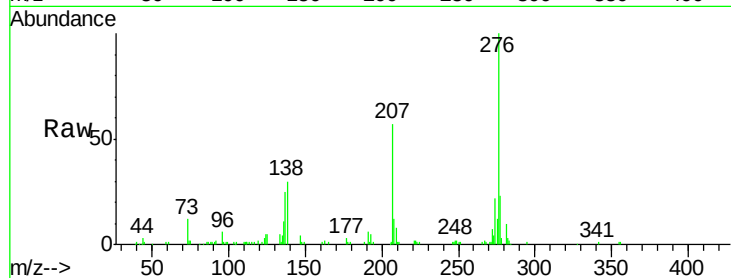
Tgt Ion: 276 Resp: 231518

Ion Ratio Lower Upper

276 100

138 29.6 11.2 16.8#

277 23.1 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

