

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030618\
 Data File : BN000259.D
 Acq On : 06 Mar 2018 12:31
 Operator : JU/SJ
 Sample : J1699-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B1MS

Quant Time: Mar 07 04:25:43 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	266279	20.00	ng	-0.02
21) Naphthalene-d8	11.29	136	1302494	20.00	ng	-0.02
38) Acenaphthene-d10	15.06	164	738959	20.00	ng	-0.02
63) Phenanthrene-d10	17.78	188	1575417	20.00	ng	-0.02
75) Chrysene-d12	21.90	240	1618036	20.00	ng	-0.02
86) Perylene-d12	24.37	264	1794746	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.93	112	1709529	104.63	ng	-0.02
7) Phenol-d6	7.58	99	2434629	98.37	ng	-0.02
23) Nitrobenzene-d5	9.63	82	1391711	63.53	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	638605	87.31	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	2919154	55.68	ng	-0.02
78) Terphenyl-d14	20.34	244	3861788	64.44	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.65	88	169762	25.822	ng	97
3) Pyridine	4.09	79	477305	23.323	ng	98
4) n-Nitrosodimethylamine	3.99	42	213552	36.899	ng	# 93
6) Aniline	7.75	93	626750	18.382	ng	92
8) 2-Chlorophenol	8.00	128	712188	37.275	ng	89
9) Benzaldehyde	7.56	77	226049	14.682	ng	91
10) Phenol	7.60	94	1026131	39.278	ng	87
11) bis(2-Chloroethyl)ether	7.85	93	726142	33.795	ng	85
12) 1,3-Dichlorobenzene	8.33	146	639430	29.453	ng	98
13) 1,4-Dichlorobenzene	8.49	146	658033	29.681	ng	97
14) 1,2-Dichlorobenzene	8.81	146	652668	29.906	ng	97
15) Benzyl Alcohol	8.68	79	653119	36.716	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.98	45	772267	33.957	ng	80
17) 2-Methylphenol	8.88	107	670115	36.095	ng	96
18) Hexachloroethane	9.55	117	241923	31.346	ng	# 81
19) n-Nitroso-di-n-propylamine	9.26	70	548537	33.077	ng	# 83
20) 3+4-Methylphenols	9.21	107	898707	34.612	ng	94
22) Acetophenone	9.28	105	1132449	31.027	ng	# 88
24) Nitrobenzene	9.67	77	843441	35.218	ng	# 95
25) Isophorone	10.19	82	1596301	35.250	ng	98
26) 2-Nitrophenol	10.39	139	327441	35.557	ng	93
27) 2,4-Dimethylphenol	10.43	122	772379	39.342	ng	96
28) bis(2-Chloroethoxy)methane	10.67	93	1030766	35.491	ng	96
29) 2,4-Dichlorophenol	10.92	162	658047	36.218	ng	97
30) 1,2,4-Trichlorobenzene	11.15	180	626471	29.941	ng	97
31) Naphthalene	11.34	128	2231181	31.246	ng	98
32) Benzoic acid	10.55	122	371390	30.424	ng	92
33) 4-Chloroaniline	11.43	127	343814	10.960	ng	97
34) Hexachlorobutadiene	11.61	225	308416	28.426	ng	97
35) Caprolactam	12.19	113	258385	33.830	ng	96
36) 4-Chloro-3-methylphenol	12.52	107	832592	36.094	ng	99
37) 2-Methylnaphthalene	12.92	142	1592937	32.061	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	670144	30.724	ng	# 96
40) Hexachlorocyclopentadiene	13.25	237	541906	59.601	ng	92

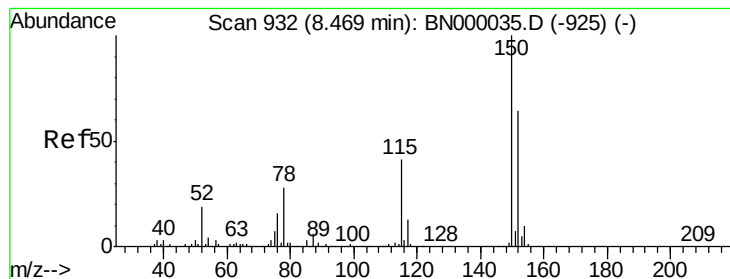
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.50	196	475331	36.360	nq	97
43) 2,4,5-Trichlorophenol	13.57	196	530417	33.751	nq	# 93
45) 1,1'-Biphenyl	13.90	154	2004295	30.796	nq	97
46) 2-Chloronaphthalene	13.95	162	1546163	31.662	nq	98
47) 2-Nitroaniline	14.14	65	504542	36.524	nq	88
48) Acenaphthylene	14.79	152	2496877	31.737	nq	98
49) Dimethylphthalate	14.50	163	1930875	31.258	nq	99
50) 2,6-Dinitrotoluene	14.63	165	416543	32.664	nq	93
51) Acenaphthene	15.13	154	1742078	34.016	nq	99
52) 3-Nitroaniline	14.95	138	319685	20.623	nq	# 94
53) 2,4-Dinitrophenol	15.15	184	356019	78.862	nq	# 1
54) Dibenzofuran	15.45	168	2333001	32.166	nq	95
55) 4-Nitrophenol	15.24	139	856468	68.205	nq	# 86
56) 2,4-Dinitrotoluene	15.40	165	586876	33.529	nq	92
57) Fluorene	16.09	166	1896956	32.031	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.67	232	449581	36.249	nq	# 82
59) Diethylphthalate	15.85	149	2046453	32.600	nq	97
60) 4-Chlorophenyl-phenylether	16.07	204	847283	31.394	nq	90
61) 4-Nitroaniline	16.10	138	503179	31.592	nq	93
62) Azobenzene	16.37	77	2218342	35.500	nq	90
64) 4,6-Dinitro-2-methylphenol	16.16	198	231937	34.160	nq	88
65) n-Nitrosodiphenylamine	16.29	169	1673480	32.645	nq	98
66) 4-Bromophenyl-phenylether	16.96	248	484576	32.345	nq	# 84
67) Hexachlorobenzene	17.09	284	527661	30.159	nq	# 88
68) Atrazine	17.22	200	541225	32.440	nq	95
69) Pentachlorophenol	17.42	266	680467	58.200	nq	99
70) Phenanthrene	17.82	178	2979029	32.013	nq	100
71) Anthracene	17.92	178	3047346	33.820	nq	99
72) Carbazole	18.17	167	2984449	32.877	nq	97
73) Di-n-butylphthalate	18.70	149	5061923	50.513	nq	# 99
74) Fluoranthene	19.80	202	3330709	34.117	nq	92
76) Benzidine	19.96	184	1269496	24.613	nq	97
77) Pyrene	20.16	202	3470578	33.749	nq	99
79) Butylbenzylphthalate	21.01	149	1707965	36.465	nq	97
80) Benzo(a)anthracene	21.88	228	3386989	34.057	nq	99
81) 3,3'-Dichlorobenzidine	21.80	252	905059	24.777	nq	# 97
82) Chrysene	21.93	228	3173345	32.019	nq	98
83) Bis(2-ethylhexyl)phthalate	21.76	149	2581275	36.401	nq	# 94
84) Di-n-octyl phthalate	22.72	149	4465111	37.998	nq	# 94
85) Indeno(1,2,3-cd)pyrene	26.94	276	3734217	30.673	nq	# 85
87) Benzo(b)fluoranthene	23.62	252	3567648	33.961	nq	# 95
88) Benzo(k)fluoranthene	23.67	252	3321787	31.396	nq	# 95
89) Benzo(a)pyrene	24.26	252	3391961	33.669	nq	# 94
90) Dibenzo(a,h)anthracene	26.95	278	3136440	29.771	nq	# 91
91) Benzo(g,h,i)perylene	27.73	276	3055409	28.681	nq	# 87

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

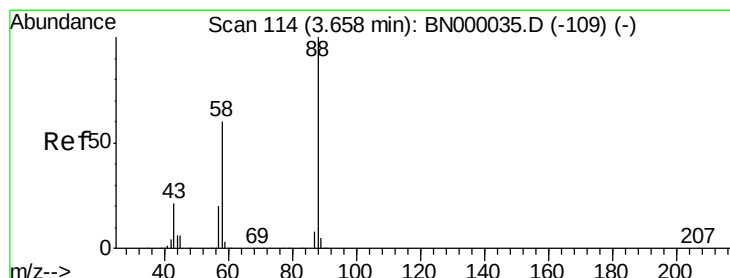
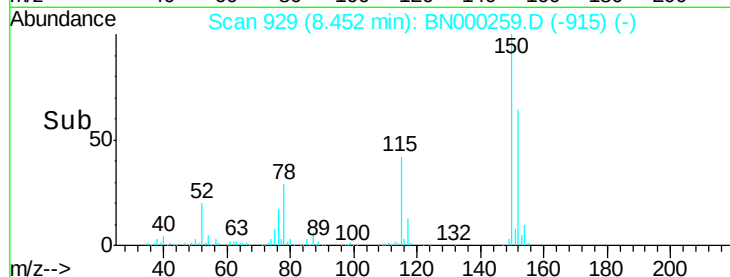
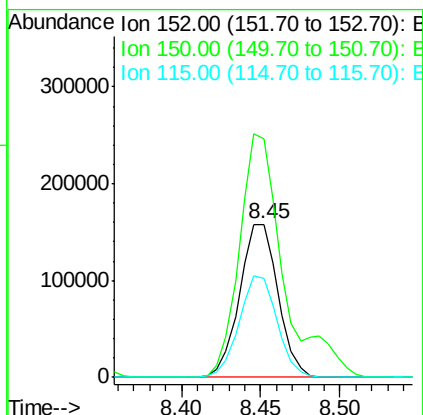
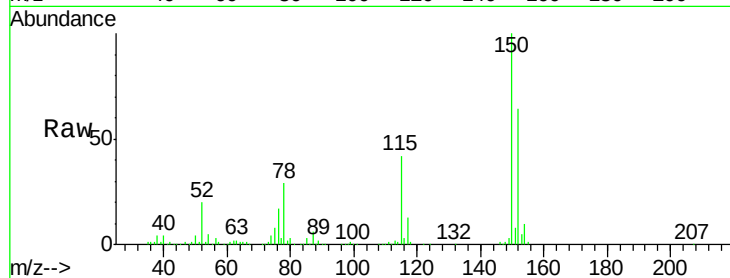


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 929
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

Instrument :
BNA_N
ClientSampleId :
B1MS

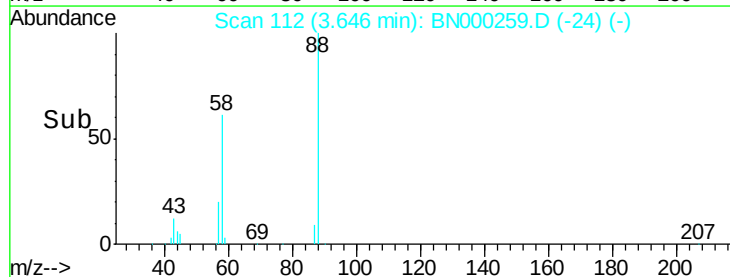
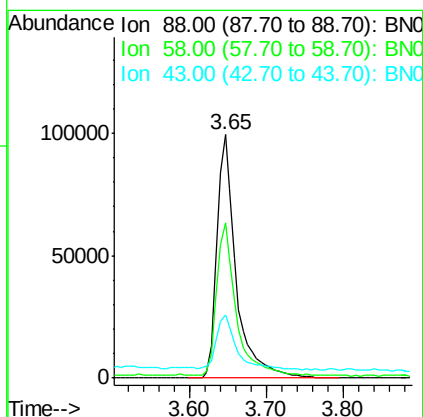
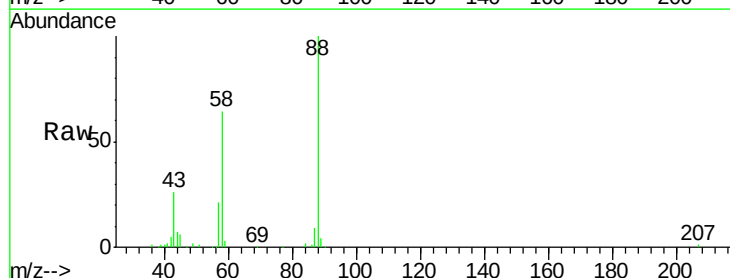
Tot Ion:152 Resp: 266279
Ion Ratio Lower Upper
152 100
150 155.5 126.6 189.8
115 64.8 53.0 79.4

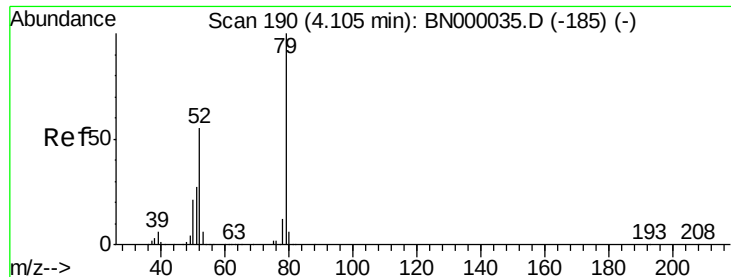


#2

1,4-Dioxane
Concen: 25.822 ng
RT: 3.65 min Scan# 112
Delta R.T. -0.01 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

Tgt Ion: 88 Resp: 169762
Ion Ratio Lower Upper
88 100
58 62.1 52.0 78.0
43 24.4 20.0 30.0





#3

Pvridine

Concen: 23.323 ng

RT: 4.09 min Scan# 187

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Instrument :

BNA_N

ClientSampleId :

B1MS

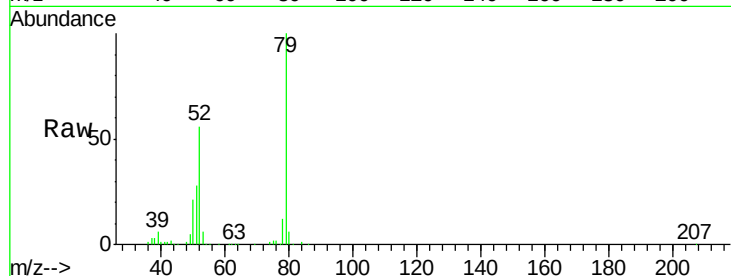
Tot Ion: 79 Resp: 477305

Ion Ratio Lower Upper

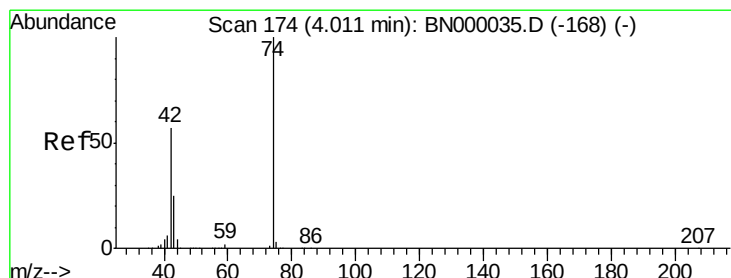
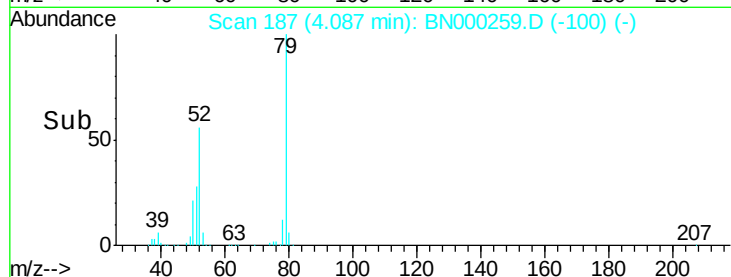
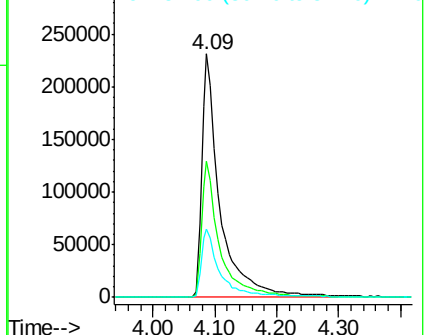
79 100

52 56.0 44.0 66.0

51 28.1 24.0 36.0



Abundance Ion 79.00 (78.70 to 79.70): BN0
Ion 52.00 (51.70 to 52.70): BN0
Ion 51.00 (50.70 to 51.70): BN0



#4

n-Nitrosodimethylamine

Concen: 36.899 ng

RT: 3.99 min Scan# 171

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

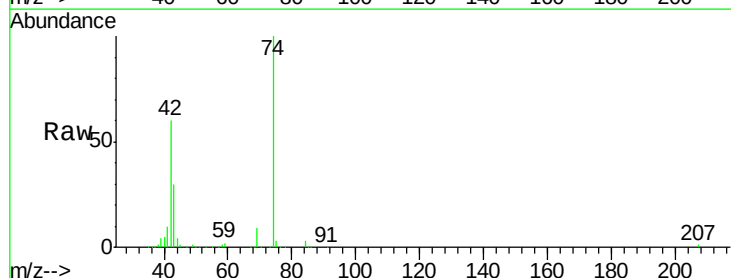
Tgt Ion: 42 Resp: 213552

Ion Ratio Lower Upper

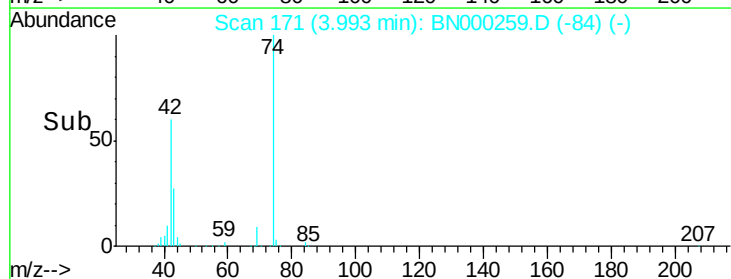
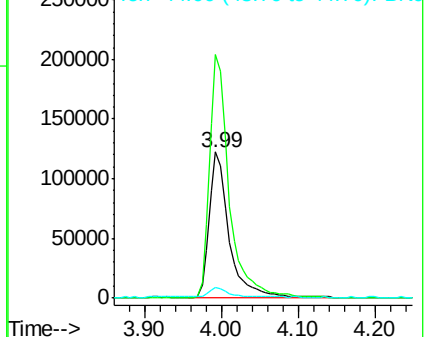
42 100

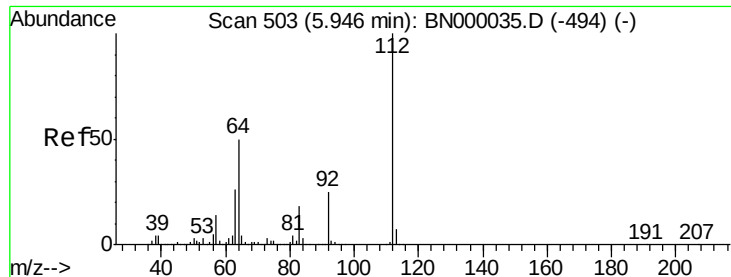
74 167.0 128.0 192.0

44 7.0 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0





#5

2-Fluorophenol

Concen: 104.632 ng

RT: 5.93 min Scan# 500

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Instrument :

BNA_N

ClientSampleId :

B1MS

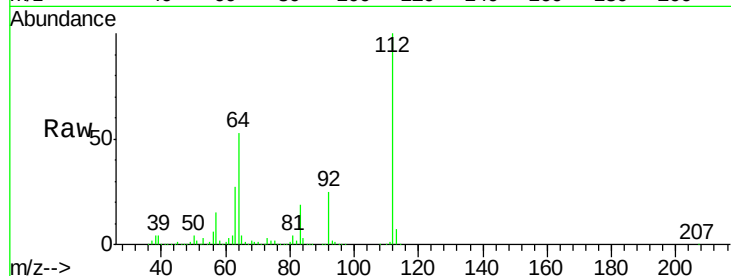
Tot Ion:112 Resp: 1709529

Ion Ratio Lower Upper

112 100

64 53.2 56.3 84.5#

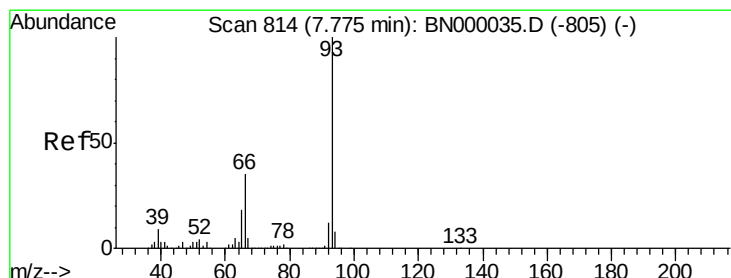
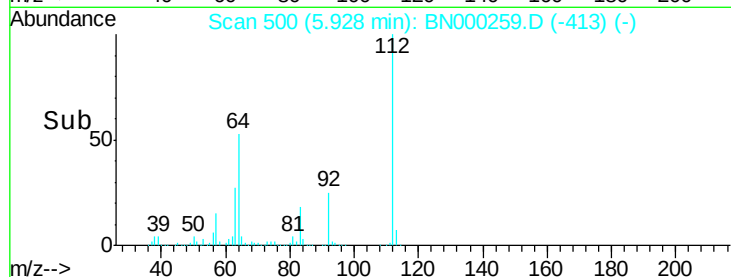
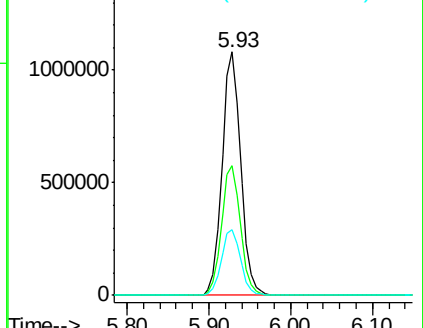
63 27.1 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 18.382 ng

RT: 7.75 min Scan# 810

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

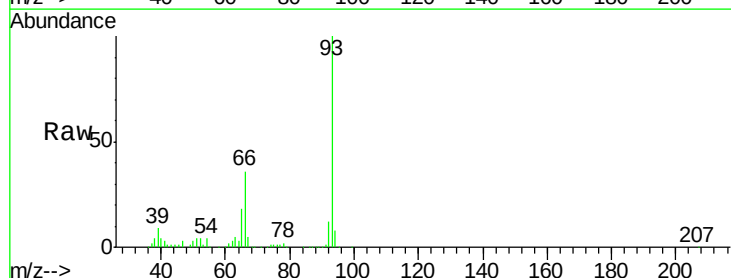
Tgt Ion: 93 Resp: 626750

Ion Ratio Lower Upper

93 100

66 35.9 33.7 50.5

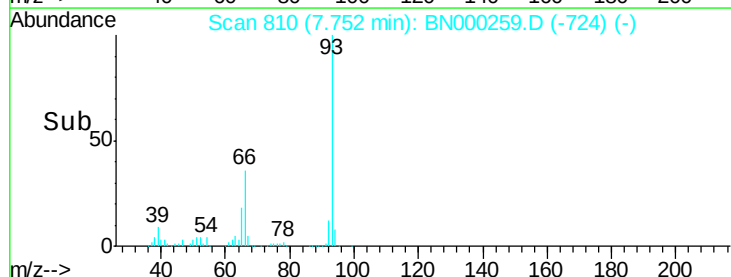
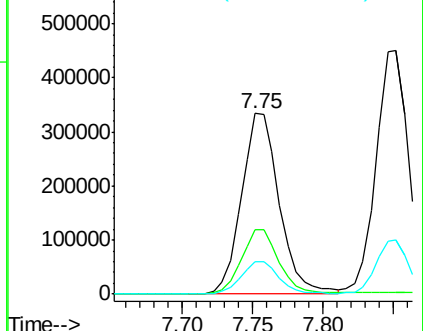
65 18.3 16.1 24.1

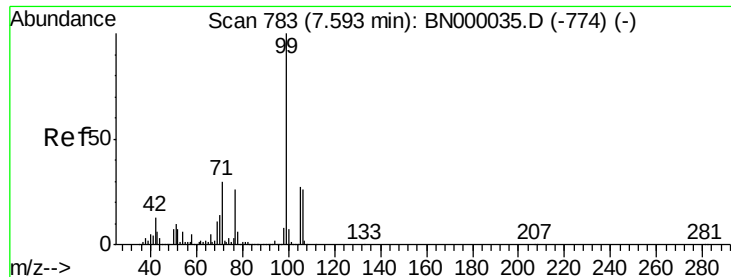


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 98.374 ng

RT: 7.58 min Scan# 780

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Instrument :

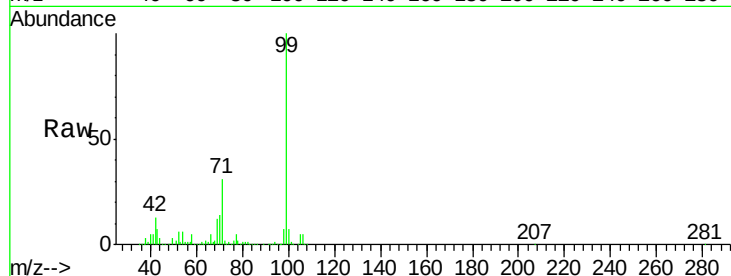
BNA_N

ClientSampleId :

B1MS

Tot Ion: 99 Resp: 2434629

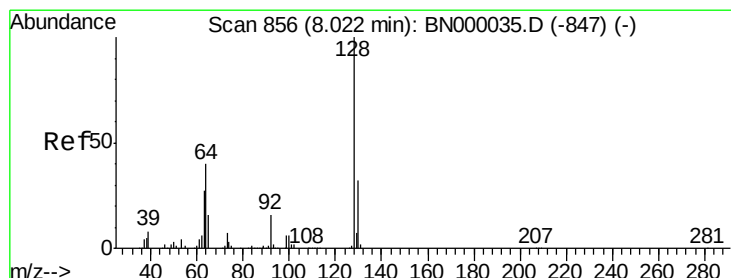
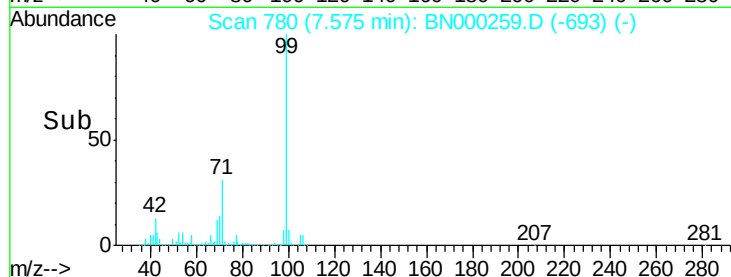
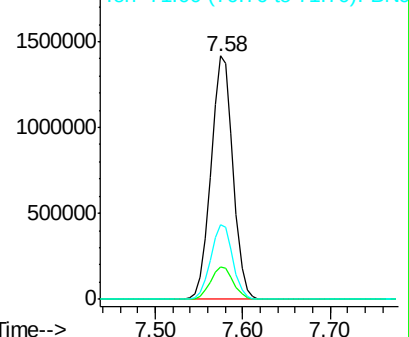
Ion	Ratio	Lower	Upper
99	100		
42	13.2	14.1	21.1#
71	30.5	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BN000035.D (-774) (-)

Ion 42.00 (41.70 to 42.70): BN000035.D (-774) (-)

Ion 71.00 (70.70 to 71.70): BN000035.D (-774) (-)



#8

2-Chlorophenol

Concen: 37.275 ng

RT: 8.00 min Scan# 853

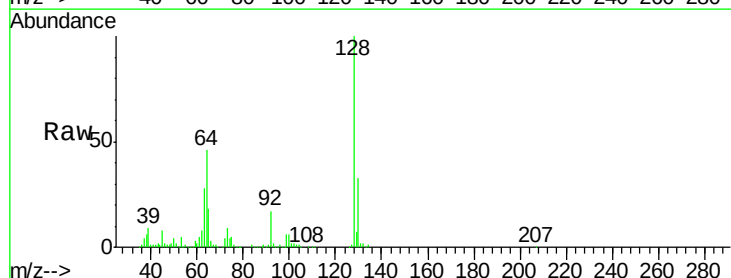
Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Tgt Ion: 128 Resp: 712188

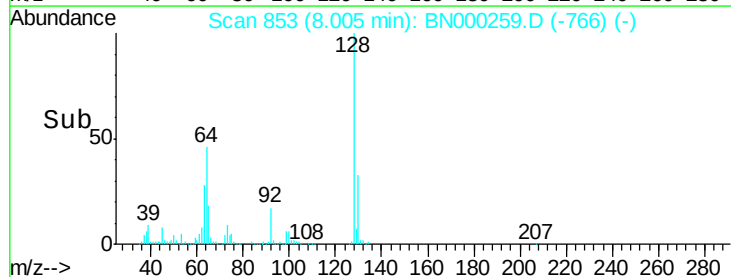
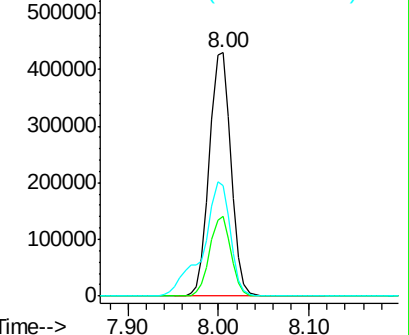
Ion	Ratio	Lower	Upper
128	100		
130	32.7	14.0	54.0
64	45.6	37.7	77.7

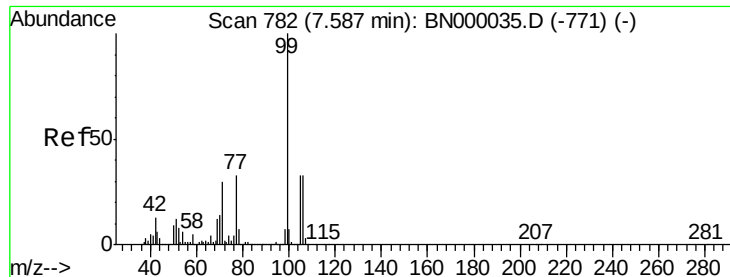


Abundance Ion 128.00 (127.70 to 128.70): BN000035.D (-847) (-)

Ion 130.00 (129.70 to 130.70): BN000035.D (-847) (-)

Ion 64.00 (63.70 to 64.70): BN000035.D (-847) (-)





#9

Benzaldehyde

Concen: 14.682 ng

RT: 7.56 min Scan# 778

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Instrument :

BNA_N

ClientSampleId :

B1MS

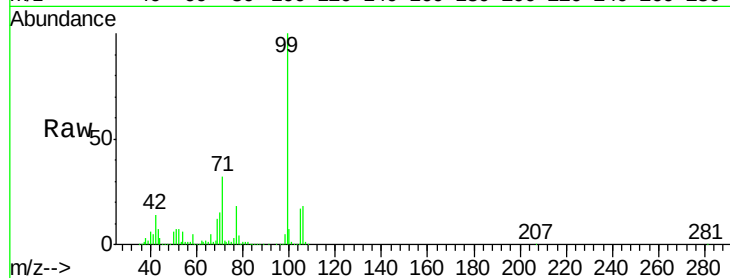
Tot Ion: 77 Resp: 226049

Ion Ratio Lower Upper

77 100

105 95.6 71.3 111.3

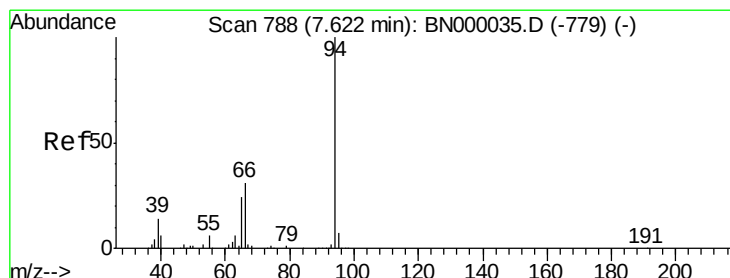
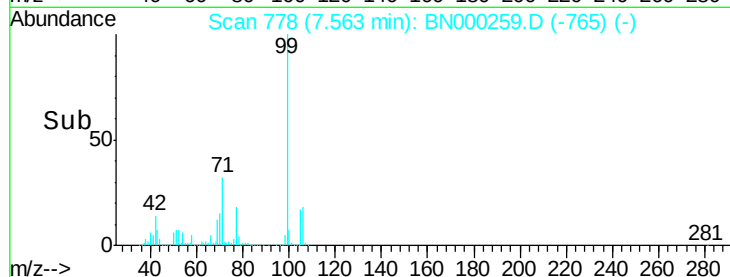
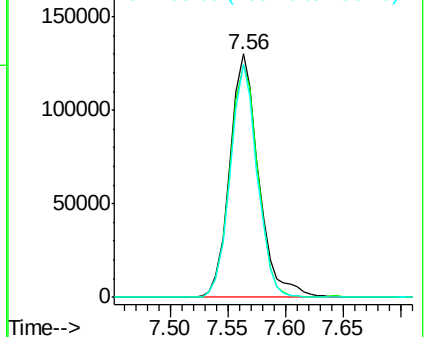
106 96.1 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 106.00 (105.70 to 106.70): BNC



#10

Phenol

Concen: 39.278 ng

RT: 7.60 min Scan# 785

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

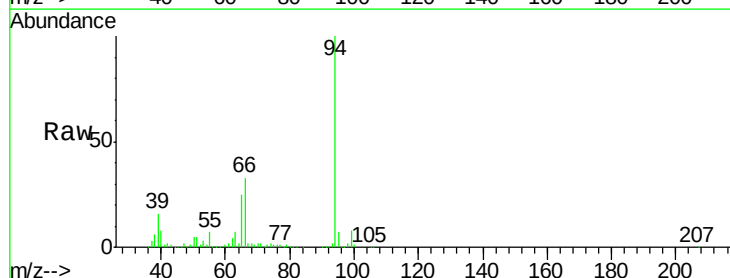
Tgt Ion: 94 Resp: 1026131

Ion Ratio Lower Upper

94 100

65 25.2 11.9 51.9

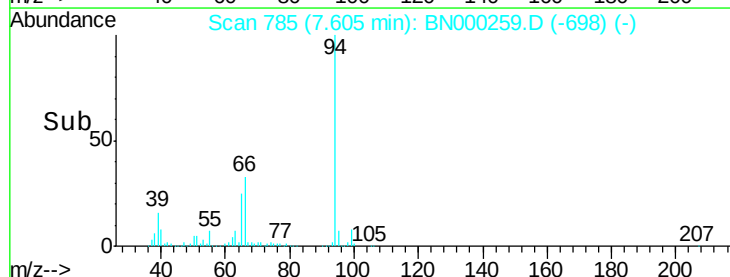
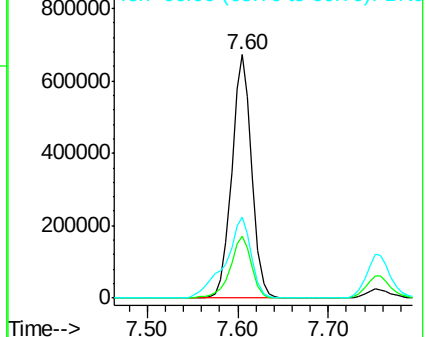
66 33.4 22.2 62.2

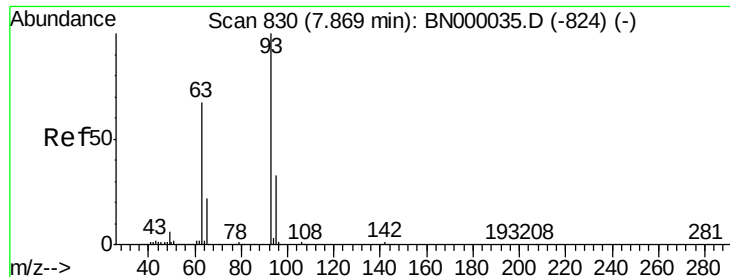


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

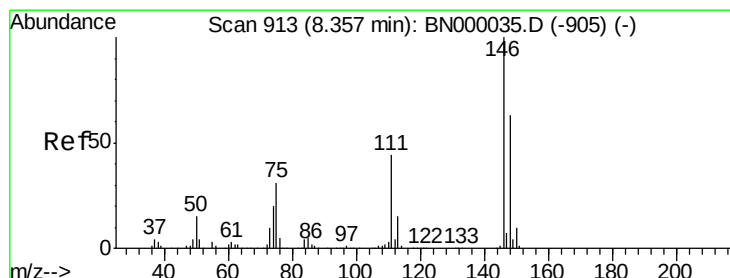
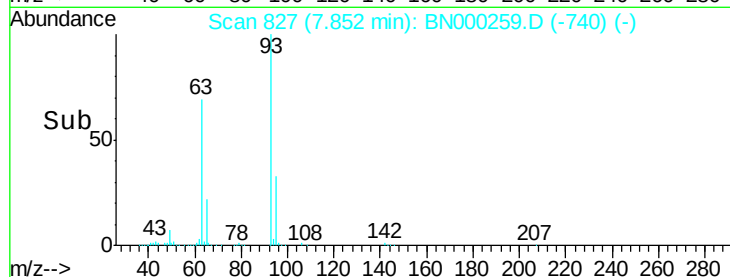
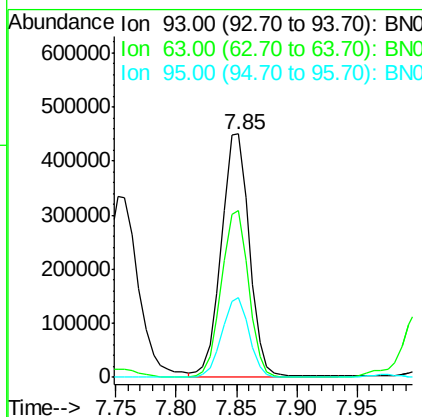
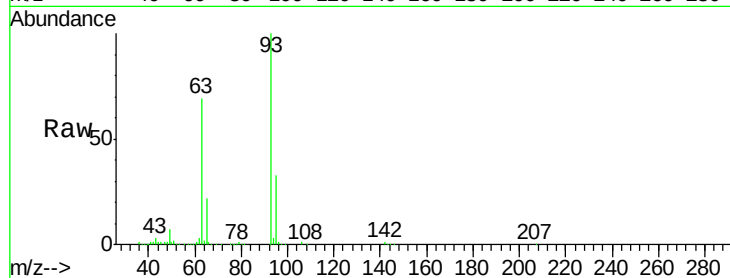




#11
bis(2-Chloroethyl)ether
Concen: 33.795 ng
RT: 7.85 min Scan# 827
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

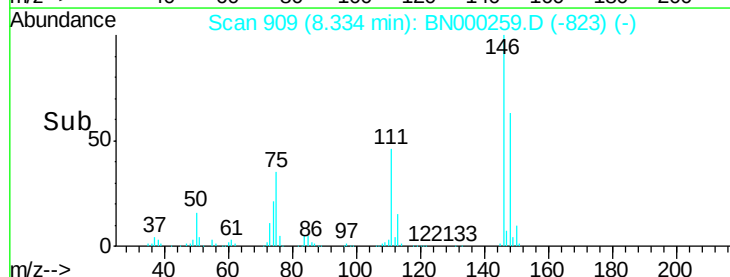
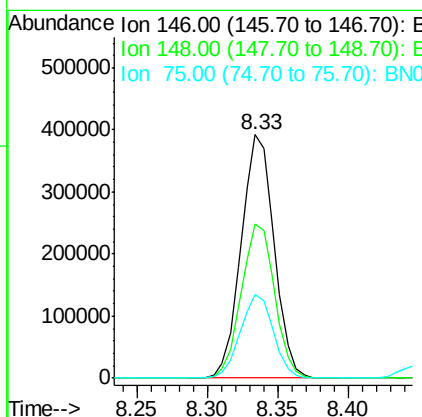
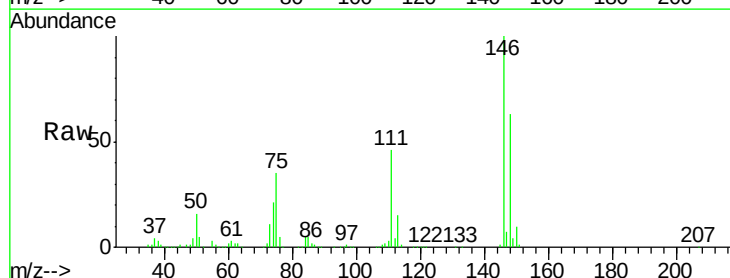
Instrument :
BNA_N
ClientSampleId :
B1MS

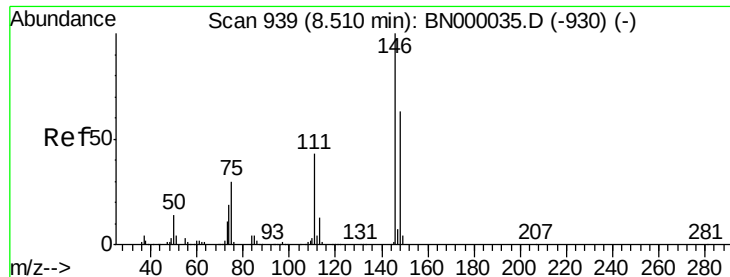
Tot Ion: 93 Resp: 726142
Ion Ratio Lower Upper
93 100
63 68.6 67.1 107.1
95 32.8 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 29.453 ng
RT: 8.33 min Scan# 909
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

Tgt Ion: 146 Resp: 639430
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.2
75 34.6 26.6 39.8

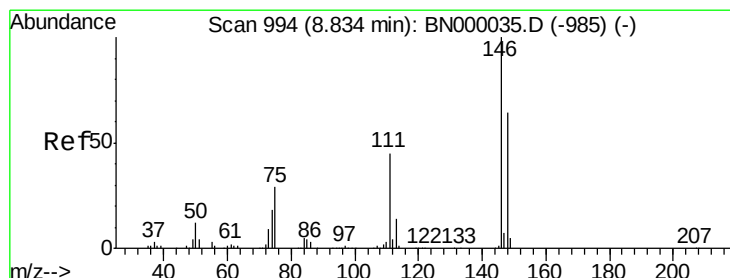
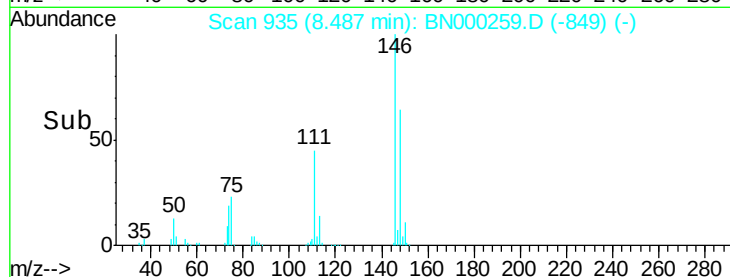
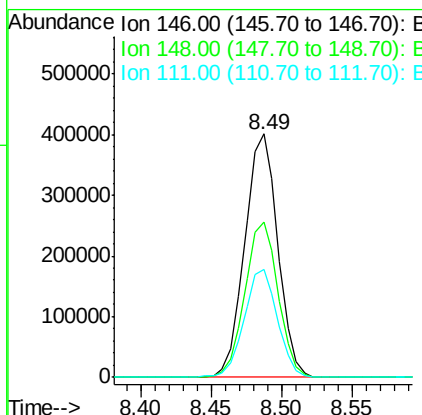
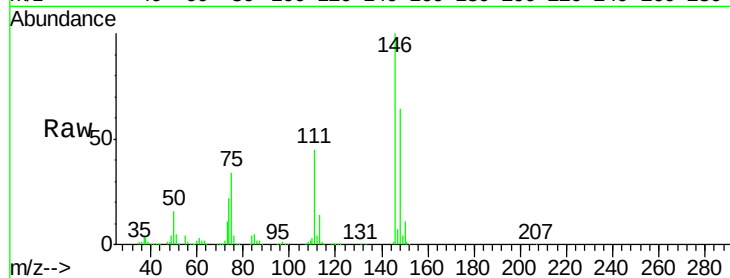




#13
 1,4-Dichlorobenzene
 Concen: 29.681 ng
 RT: 8.49 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BN000259.D
 Acq: 06 Mar 2018 12:31

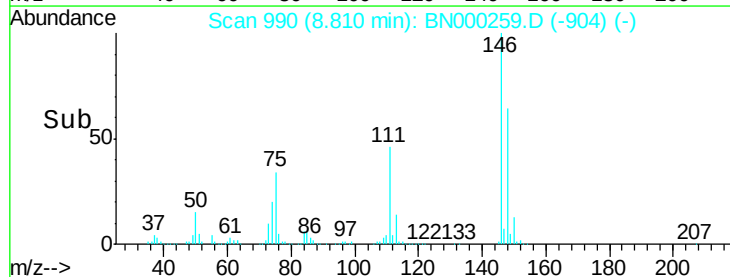
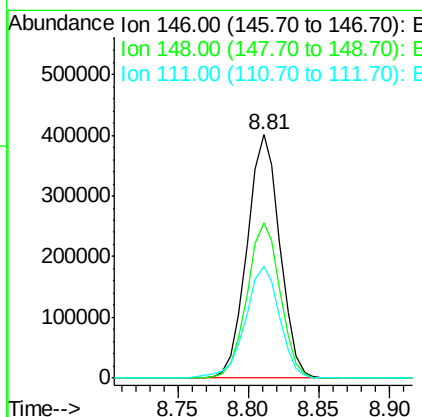
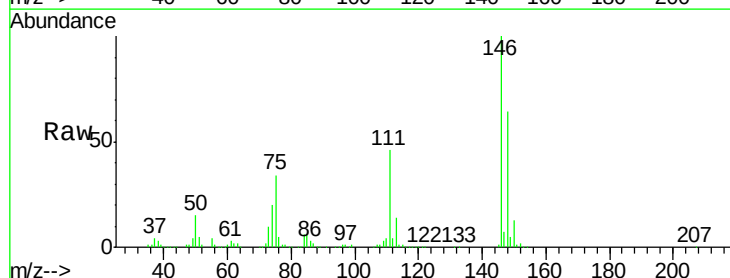
Instrument :
 BNA_N
 ClientSampleId :
 B1MS

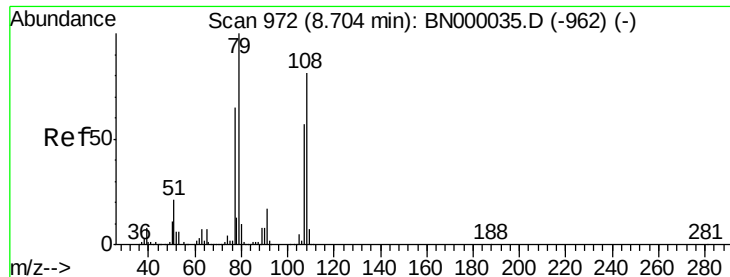
Tot Ion:146 Resp: 658033
 Ion Ratio Lower Upper
 146 100
 148 63.8 53.7 80.5
 111 44.6 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 29.906 ng
 RT: 8.81 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BN000259.D
 Acq: 06 Mar 2018 12:31

Tgt Ion:146 Resp: 652668
 Ion Ratio Lower Upper
 146 100
 148 63.5 49.3 73.9
 111 46.0 34.3 51.5





#15

Benzyl Alcohol

Concen: 36.716 ng

RT: 8.68 min Scan# 968

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Instrument :

BNA_N

ClientSampleId :

B1MS

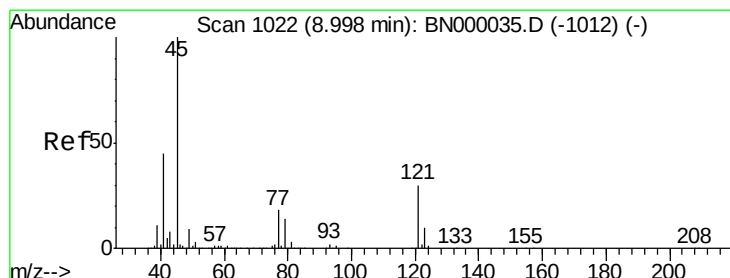
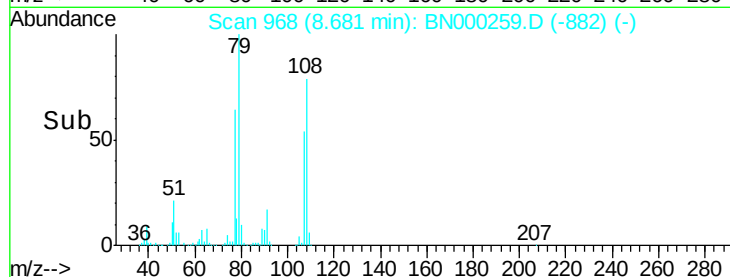
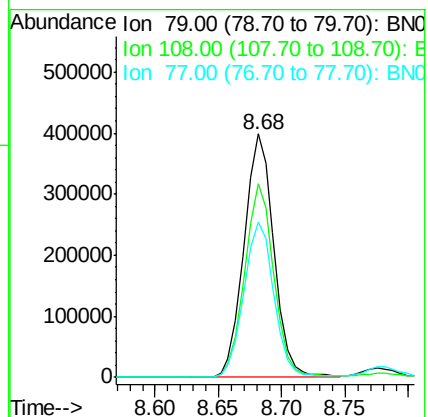
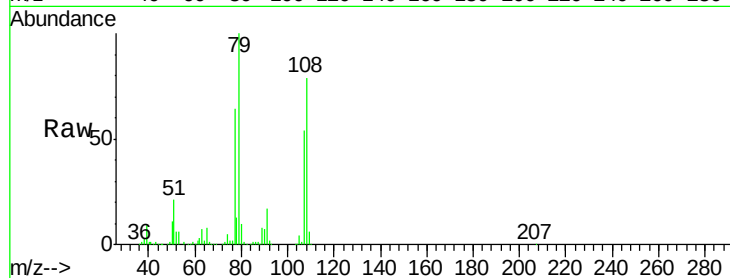
Tot Ion: 79 Resp: 653119

Ion Ratio Lower Upper

79 100

108 79.4 57.2 85.8

77 64.0 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.957 ng

RT: 8.98 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

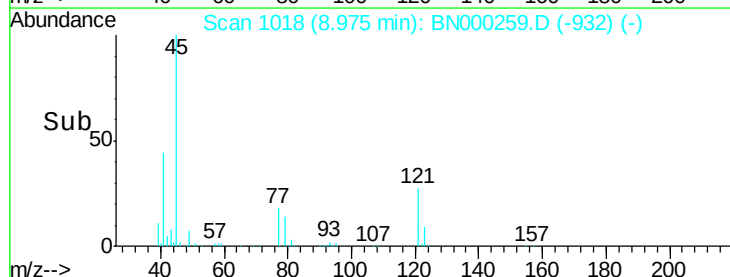
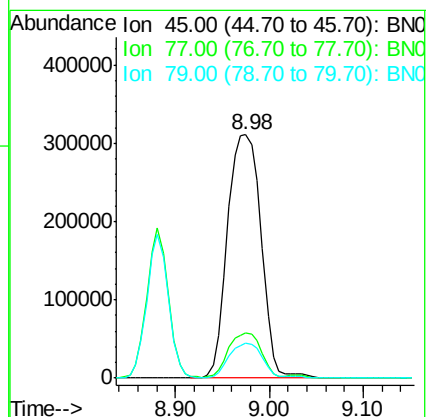
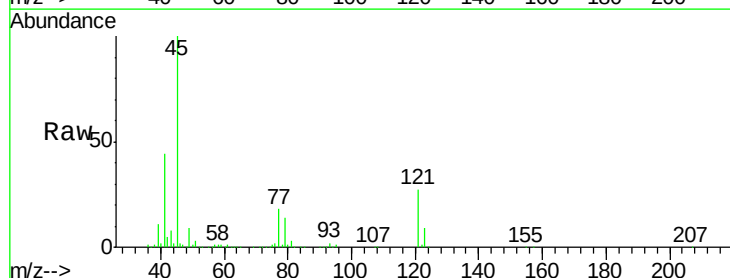
Tgt Ion: 45 Resp: 772267

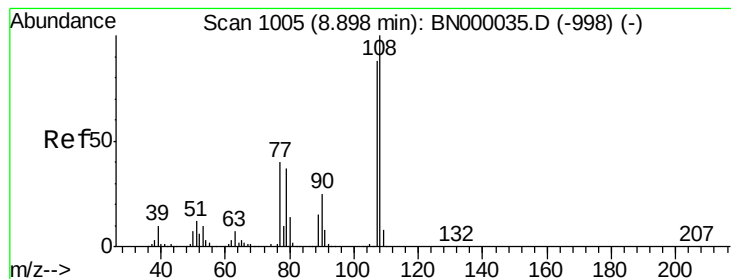
Ion Ratio Lower Upper

45 100

77 18.4 0.0 30.2

79 14.2 0.0 27.9





#17

2-Methylphenol

Concen: 36.095 ng

RT: 8.88 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Instrument :

BNA_N

ClientSampleId :

B1MS

Tot Ion:107 Resp: 670115

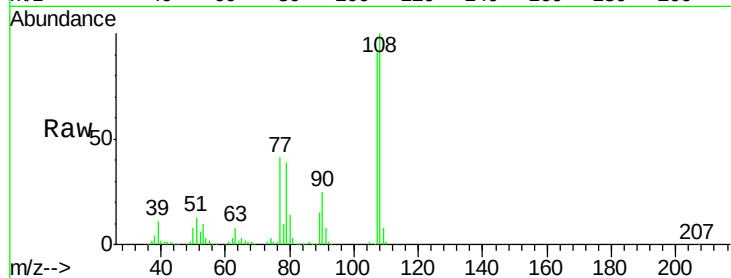
Ion Ratio Lower Upper

107 100

108 110.4 83.9 125.9

77 45.5 37.2 55.8

79 43.6 36.2 54.2

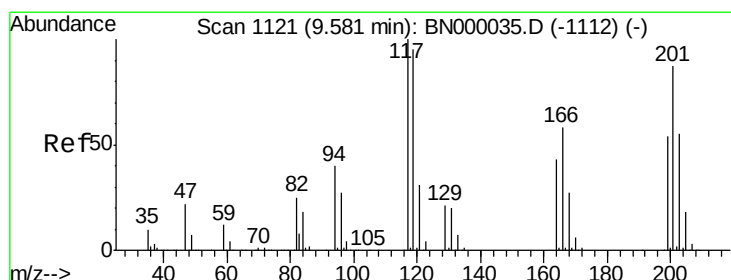
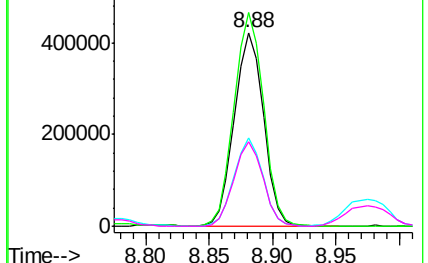
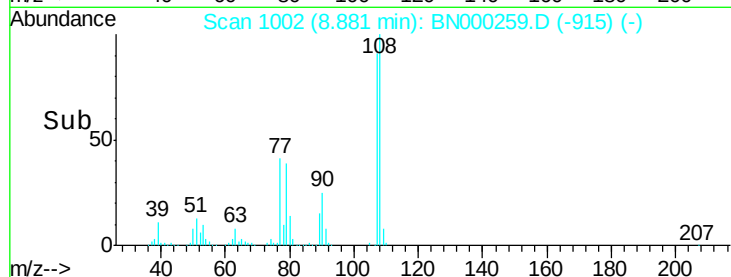


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18

Hexachloroethane

Concen: 31.346 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.03 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

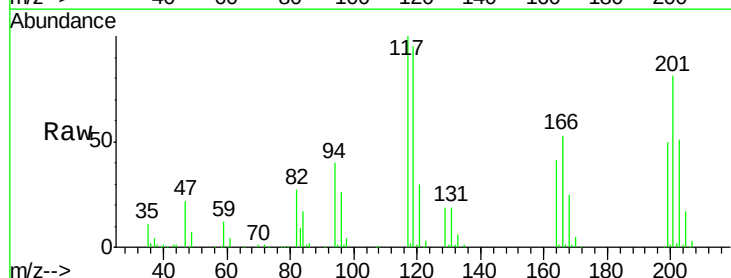
Tgt Ion:117 Resp: 241923

Ion Ratio Lower Upper

117 100

119 95.2 76.7 115.1

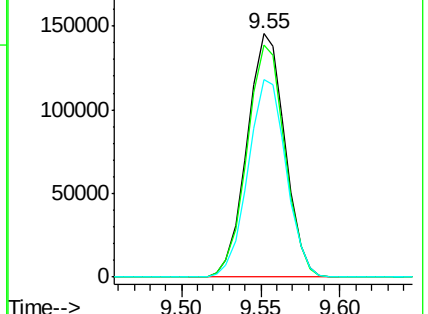
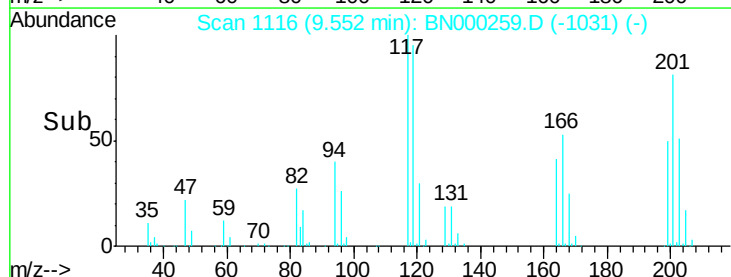
201 81.4 95.7 143.5#

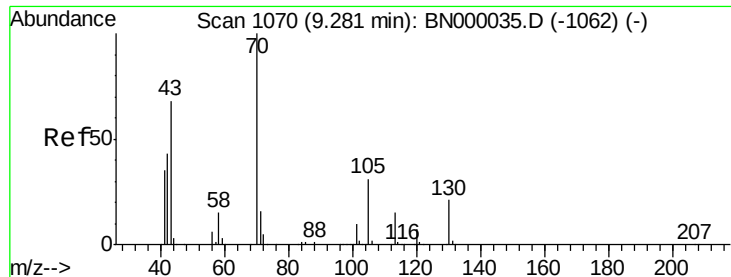


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

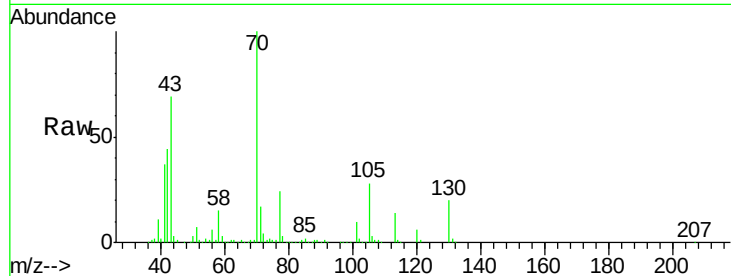




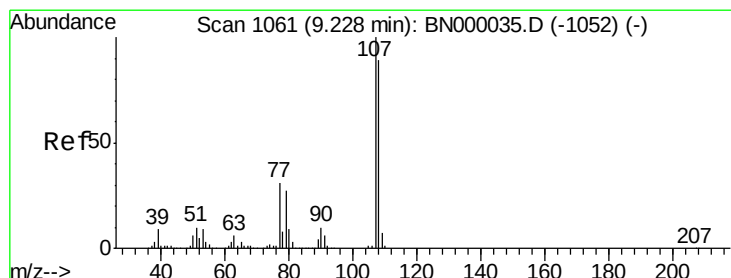
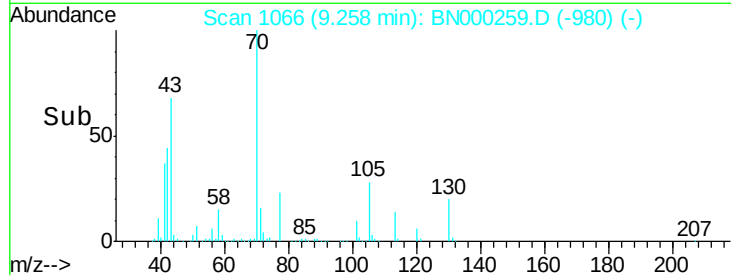
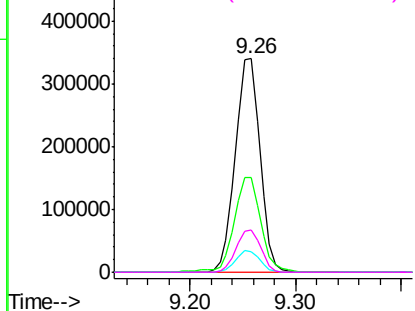
#19
n-Nitroso-di-n-propylamine
Concen: 33.077 ng
RT: 9.26 min Scan# 1066
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

Instrument :
BNA_N
ClientSampleId :
B1MS

Tot Ion: 70 Resp: 548537
Ion Ratio Lower Upper
70 100
42 44.3 49.1 73.7#
101 9.8 8.5 12.7
130 20.0 13.4 20.0

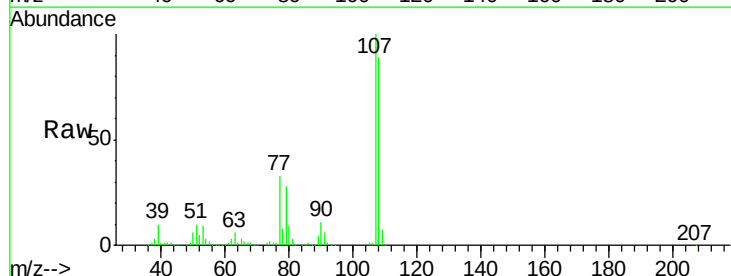


Abundance Ion 70.00 (69.70 to 70.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

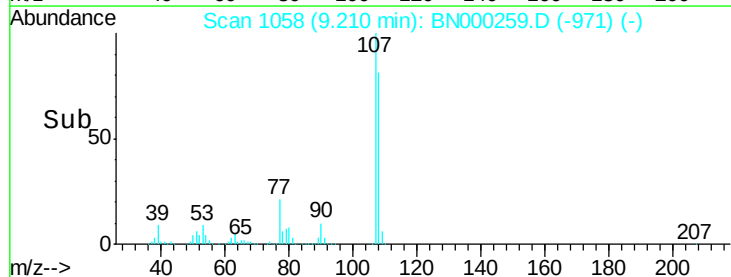
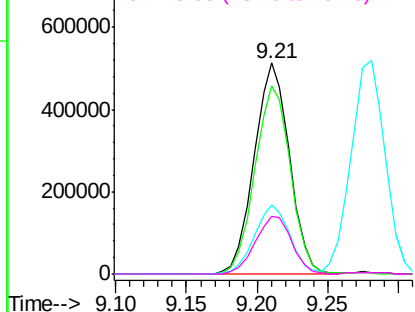


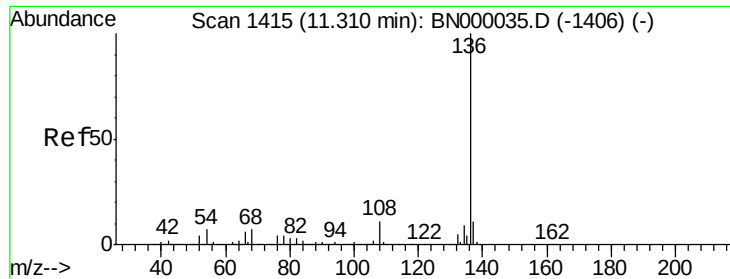
#20
3+4-Methylphenols
Concen: 34.612 ng
RT: 9.21 min Scan# 1058
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

Tgt Ion: 107 Resp: 898707
Ion Ratio Lower Upper
107 100
108 89.0 61.6 101.6
77 32.7 13.9 53.9
79 27.6 8.8 48.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BN0
Ion 79.00 (78.70 to 79.70): BN0

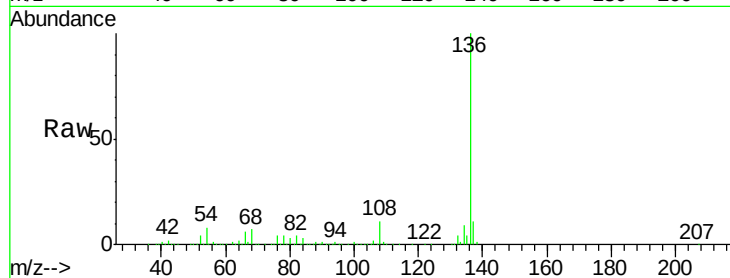




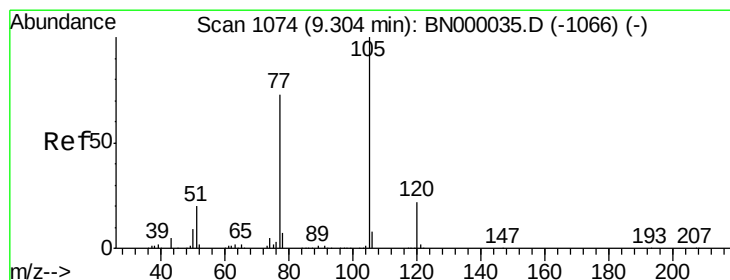
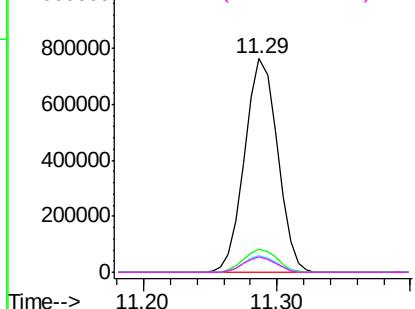
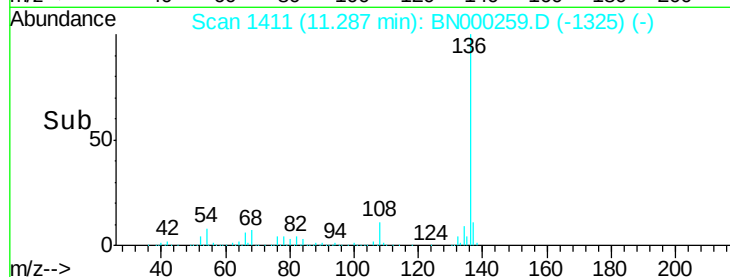
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.29 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

Instrument :
BNA_N
ClientSampleId :
B1MS

Tot Ion:136 Resp: 1302494
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.7 10.3 15.5#
68 7.3 4.5 6.7#

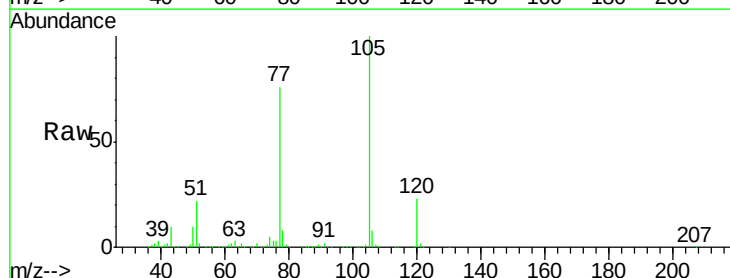


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

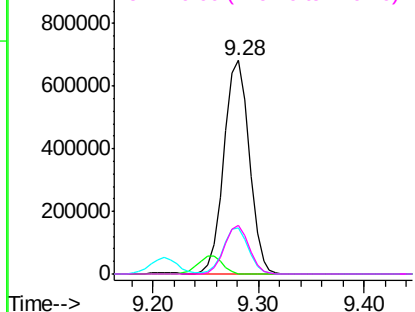
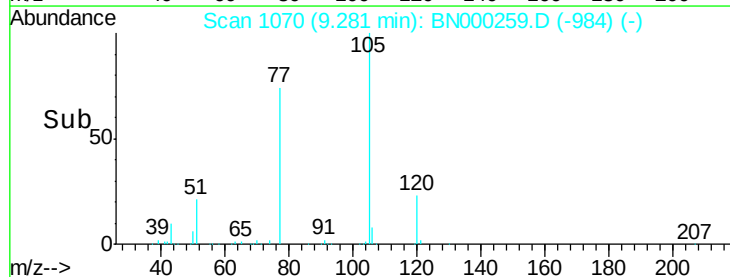


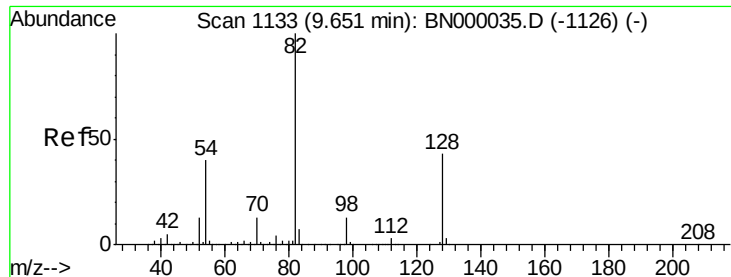
#22
Acetophenone
Concen: 31.027 ng
RT: 9.28 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

Tgt Ion:105 Resp: 1132449
Ion Ratio Lower Upper
105 100
71 0.3 3.0 4.4#
51 21.7 26.1 39.1#
120 22.6 17.4 26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BNC
Ion 51.00 (50.70 to 51.70): BNC
Ion 120.00 (119.70 to 120.70): E

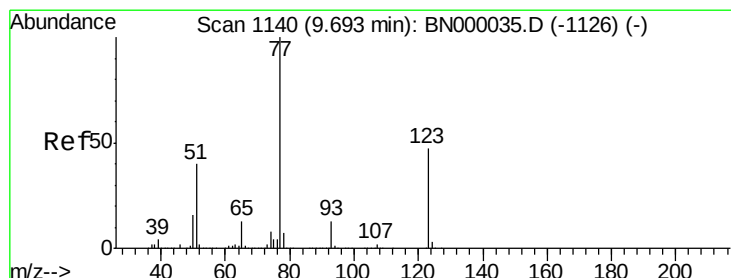
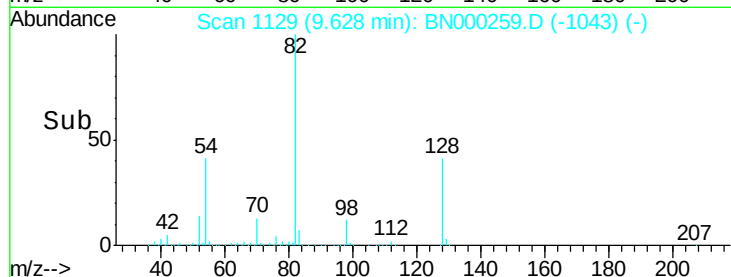
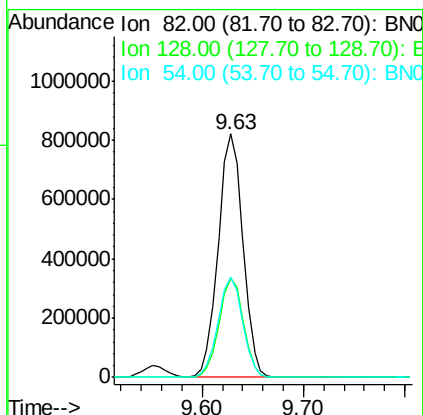
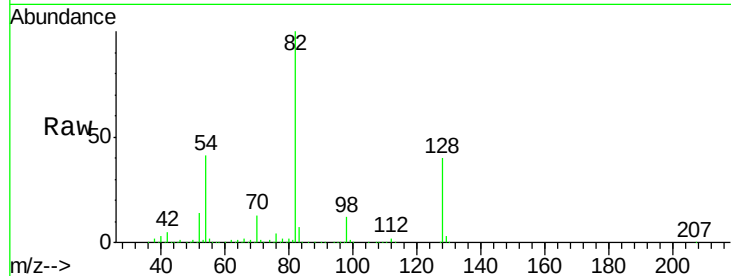




#23
 Nitrobenzene-d5
 Concen: 63.528 ng
 RT: 9.63 min Scan# 1129
 Delta R.T. -0.02 min
 Lab File: BN000259.D
 Acq: 06 Mar 2018 12:31

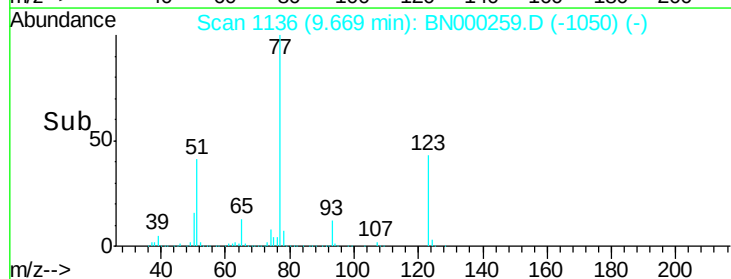
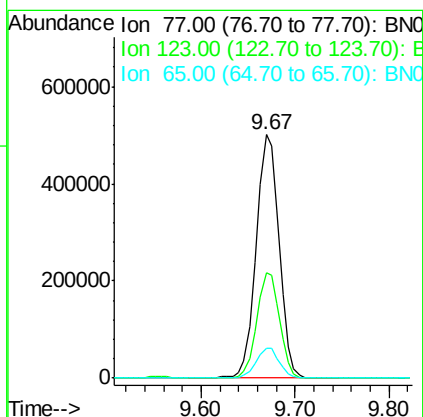
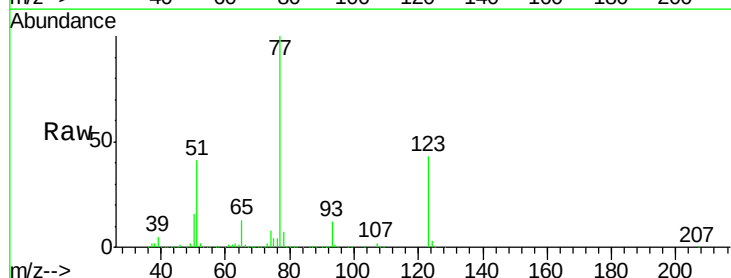
Instrument :
 BNA_N
 ClientSampleId :
 B1MS

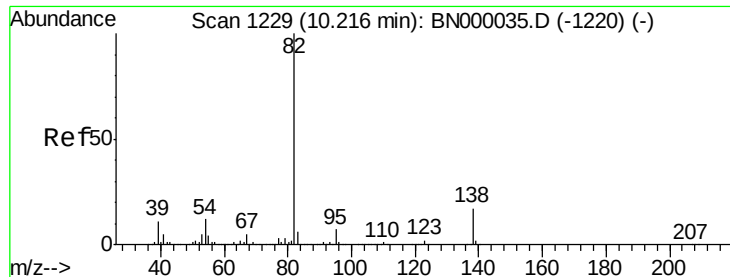
Tot Ion: 82 Resp: 1391711
 Ion Ratio Lower Upper
 82 100
 128 40.5 29.7 44.5
 54 41.2 43.1 64.7#



#24
 Nitrobenzene
 Concen: 35.218 ng
 RT: 9.67 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BN000259.D
 Acq: 06 Mar 2018 12:31

Tgt Ion: 77 Resp: 843441
 Ion Ratio Lower Upper
 77 100
 123 43.2 33.0 49.6
 65 12.5 13.0 19.6#





#25

Isophorone

Concen: 35.250 ng

RT: 10.19 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Instrument :

BNA_N

ClientSampleId :

B1MS

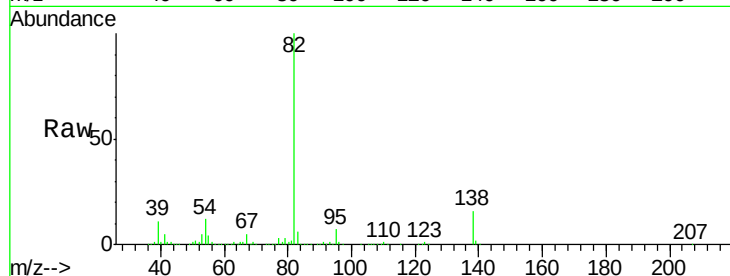
Tot Ion: 82 Resp: 1596301

Ion Ratio Lower Upper

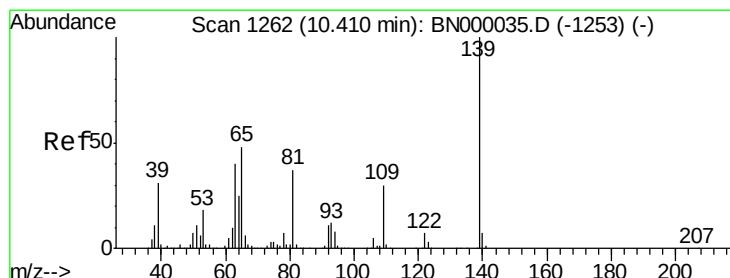
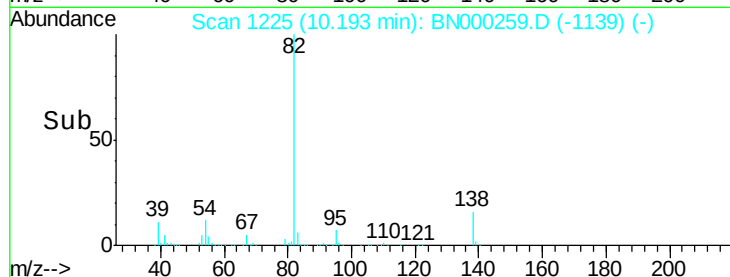
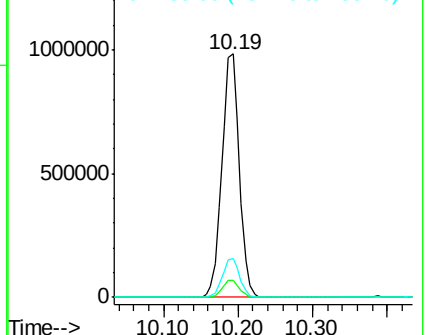
82 100

95 6.8 6.2 9.2

138 16.0 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BNO
Ion 95.00 (94.70 to 95.70): BNO
Ion 138.00 (137.70 to 138.70): BNO



#26

2-Nitrophenol

Concen: 35.557 ng

RT: 10.39 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

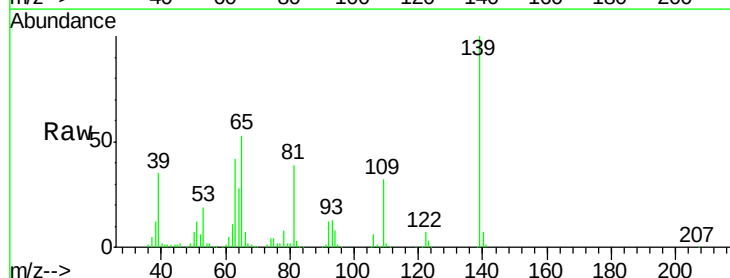
Tgt Ion: 139 Resp: 327441

Ion Ratio Lower Upper

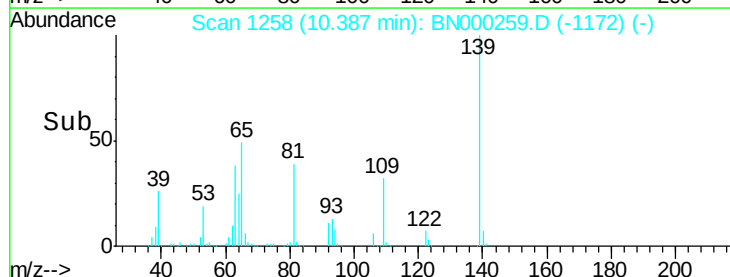
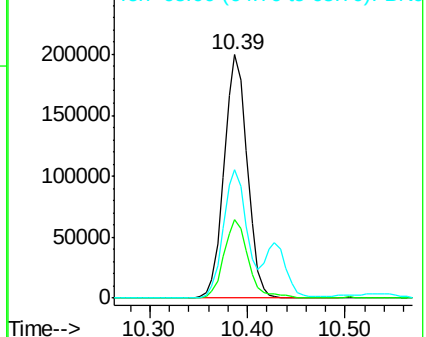
139 100

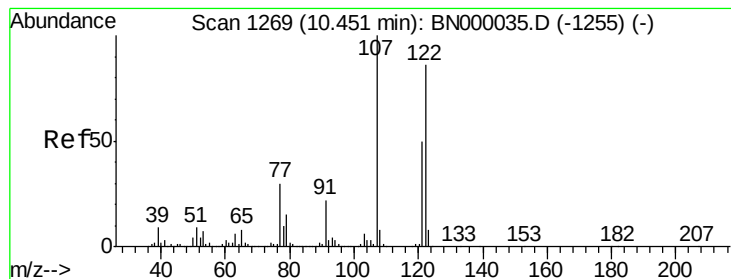
109 32.3 24.2 36.2

65 52.7 47.4 71.0



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





#27

2,4-Dimethylphenol

Concen: 39.342 ng

RT: 10.43 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Instrument :

BNA_N

ClientSampleId :

B1MS

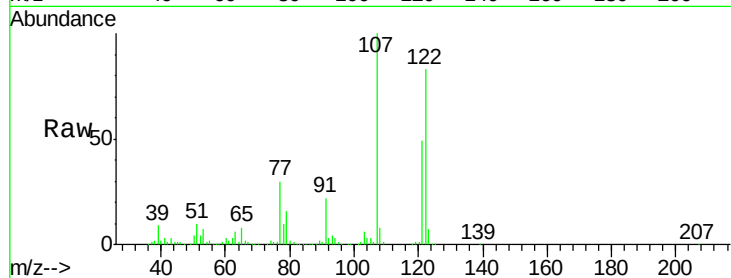
Tot Ion:122 Resp: 772379

Ion Ratio Lower Upper

122 100

107 121.0 100.2 150.2

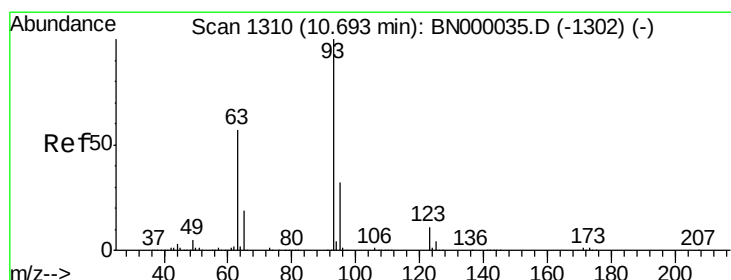
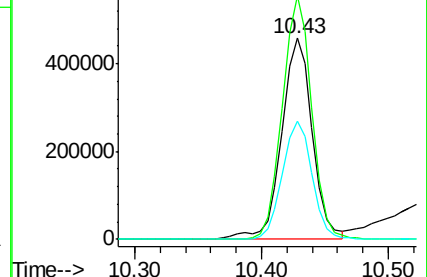
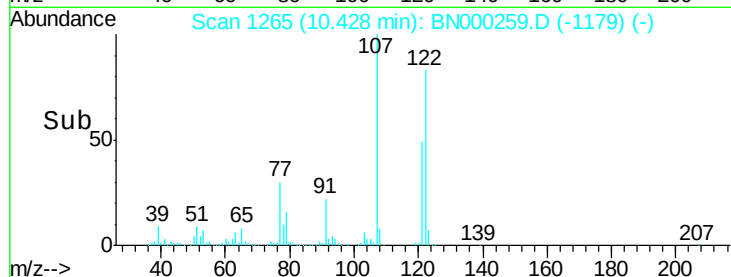
121 58.7 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.491 ng

RT: 10.67 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

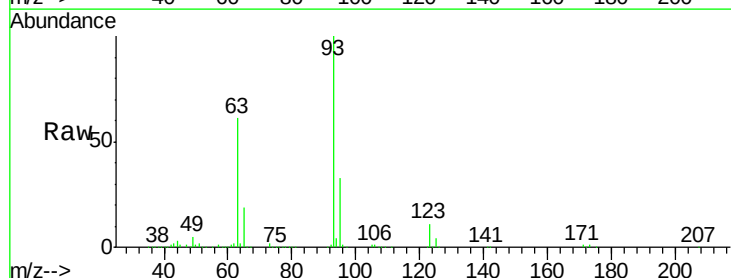
Tgt Ion: 93 Resp: 1030766

Ion Ratio Lower Upper

93 100

95 32.9 24.3 36.5

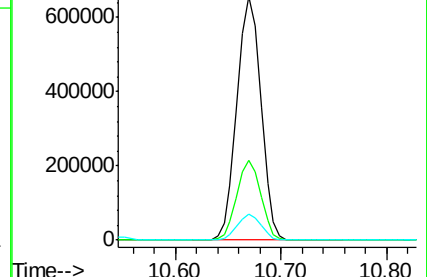
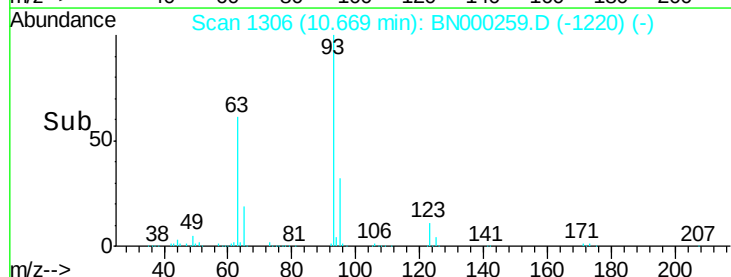
123 10.7 8.4 12.6

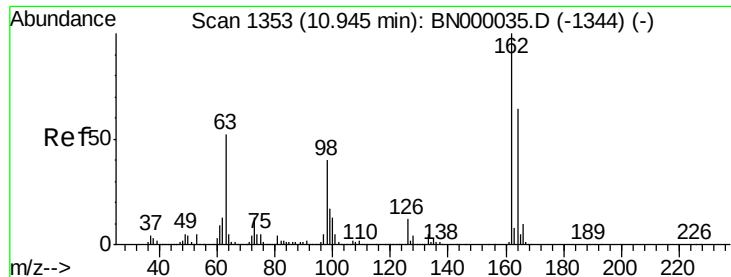


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

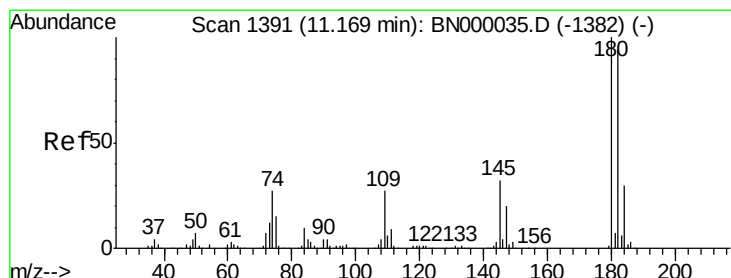
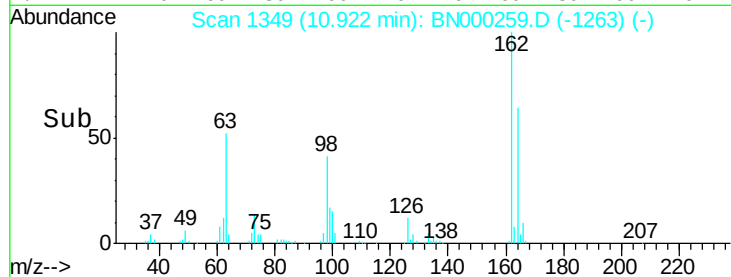
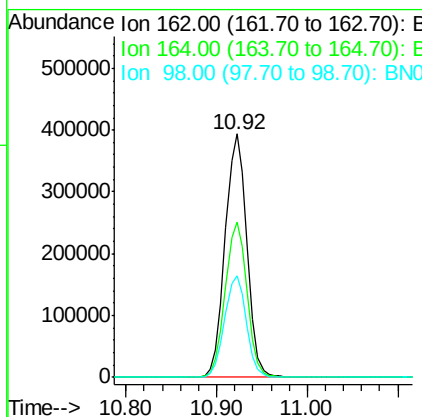
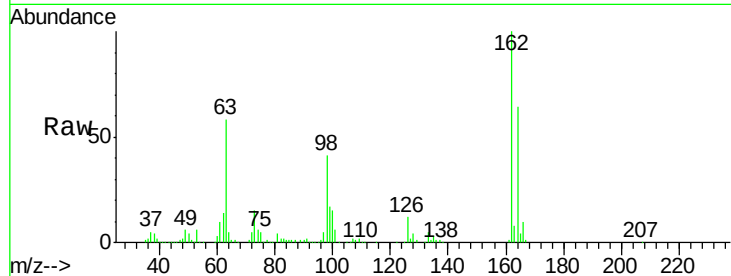




#29
2,4-Dichlorophenol
Concen: 36.218 ng
RT: 10.92 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

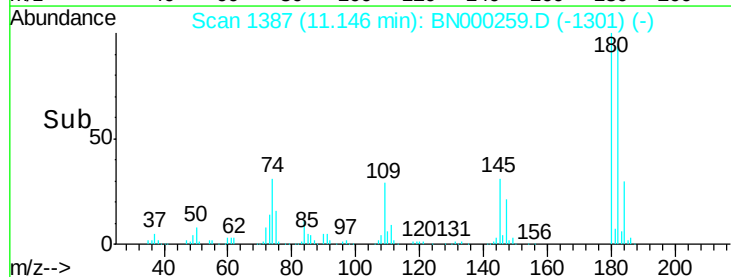
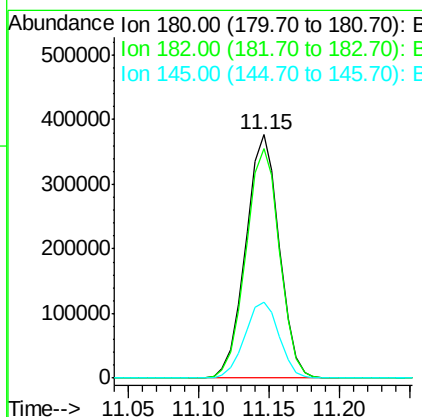
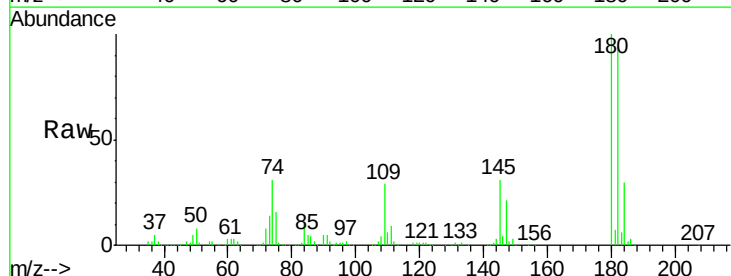
Instrument :
BNA_N
ClientSampleId :
B1MS

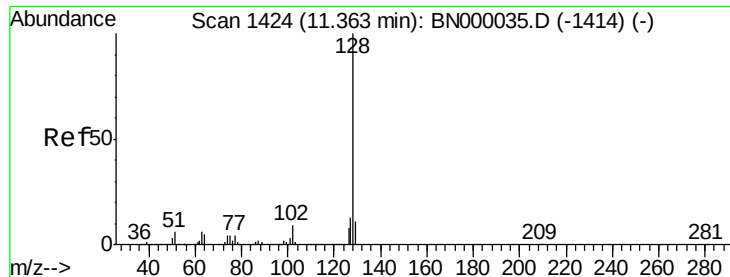
Tot Ion:162 Resp: 658047
Ion Ratio Lower Upper
162 100
164 63.9 48.0 88.0
98 41.5 21.1 61.1



#30
1,2,4-Trichlorobenzene
Concen: 29.941 ng
RT: 11.15 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

Tgt Ion:180 Resp: 626471
Ion Ratio Lower Upper
180 100
182 94.5 77.5 116.3
145 31.2 23.4 35.2

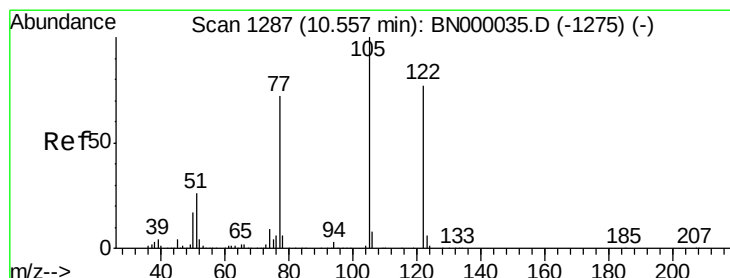
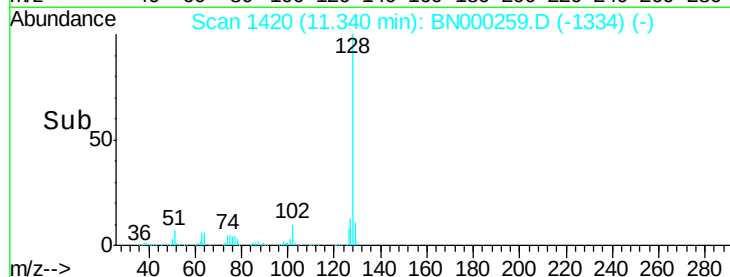
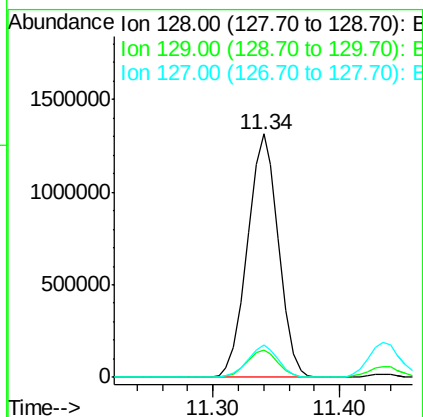
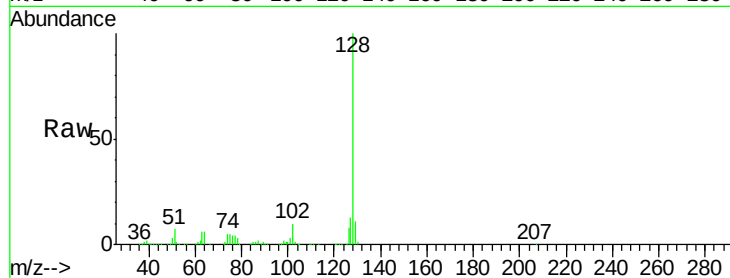




#31
Naphthalene
Concen: 31.246 ng
RT: 11.34 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

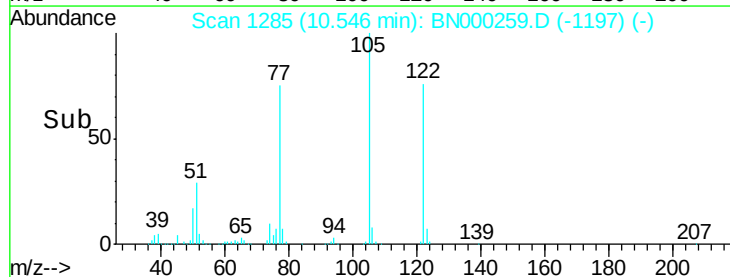
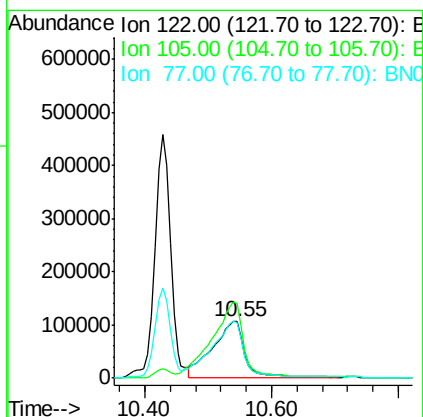
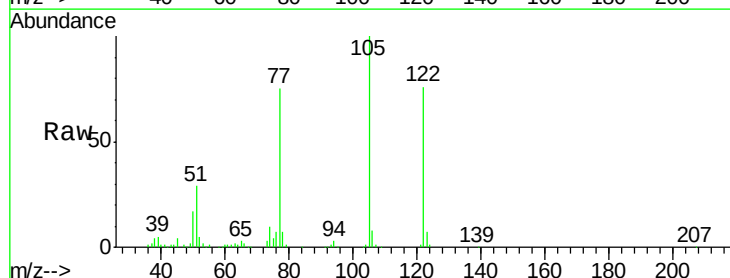
Instrument :
BNA_N
ClientSampleId :
B1MS

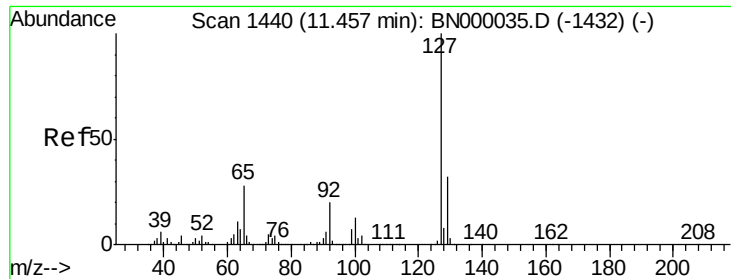
Tot Ion:128 Resp: 2231181
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.3 11.6 17.4



#32
Benzoic acid
Concen: 30.424 ng
RT: 10.55 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

Tgt Ion:122 Resp: 371390
Ion Ratio Lower Upper
122 100
105 131.7 123.5 163.5
77 98.9 85.7 125.7

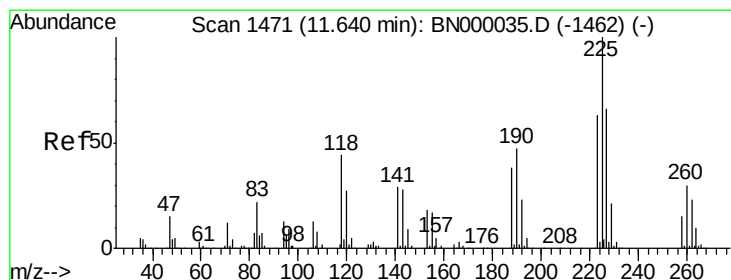
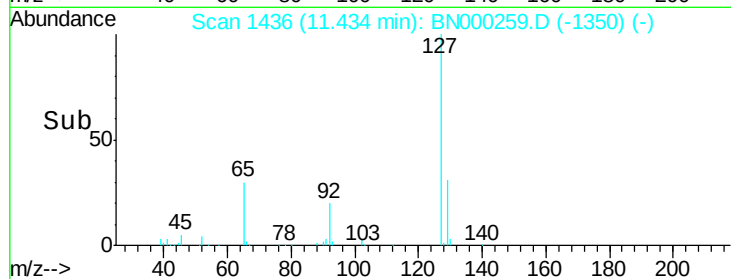
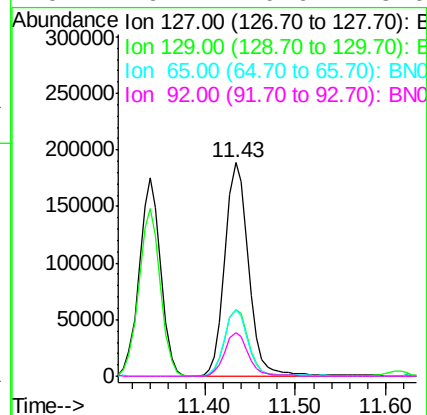
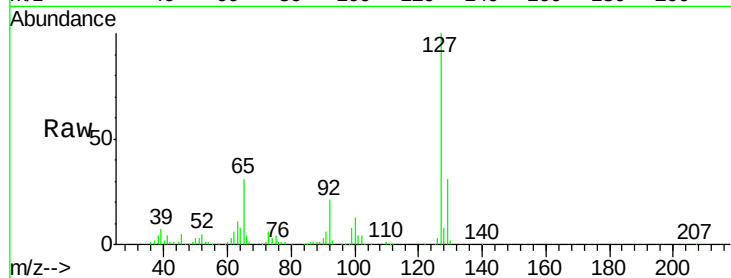




#33
4-Chloroaniline
Concen: 10.960 ng
RT: 11.43 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

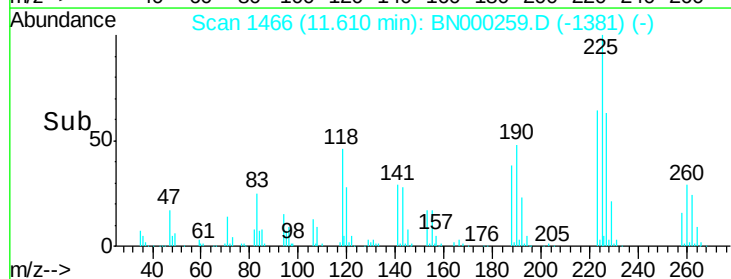
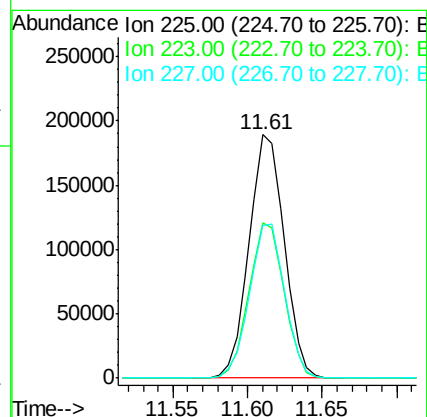
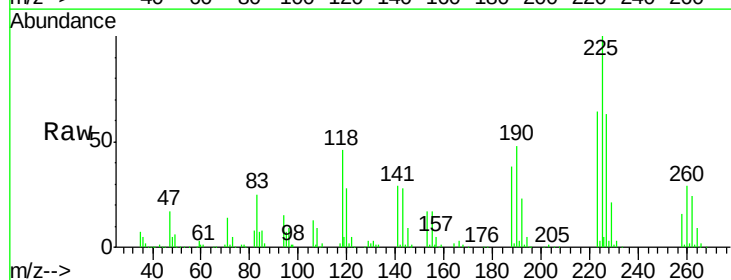
Instrument :
BNA_N
ClientSampleId :
B1MS

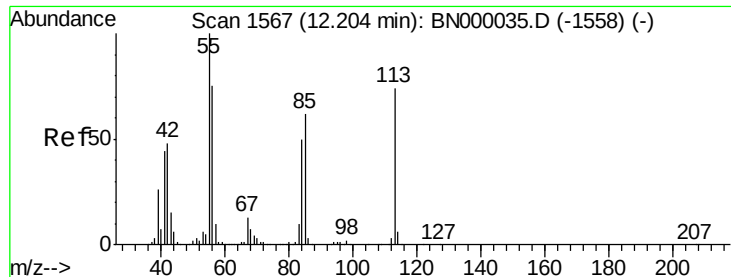
Tot Ion:	127	Resp:	343814
Ion	Ratio	Lower	Upper
127	100		
129	31.5	24.0	36.0
65	31.0	27.0	40.4
92	20.7	16.6	25.0



#34
Hexachlorobutadiene
Concen: 28.426 ng
RT: 11.61 min Scan# 1466
Delta R.T. -0.03 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

Tgt Ion:	225	Resp:	308416
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.7	74.5
227	62.7	48.1	72.1





#35

Caprolactam

Concen: 33.830 ng

RT: 12.19 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Instrument :

BNA_N

ClientSampleId :

B1MS

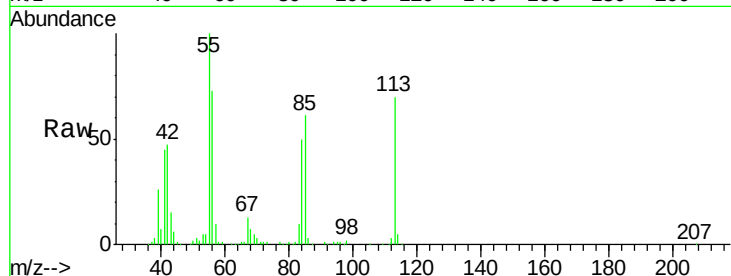
Tot Ion:113 Resp: 258385

Ion Ratio Lower Upper

113 100

55 142.8 120.0 160.0

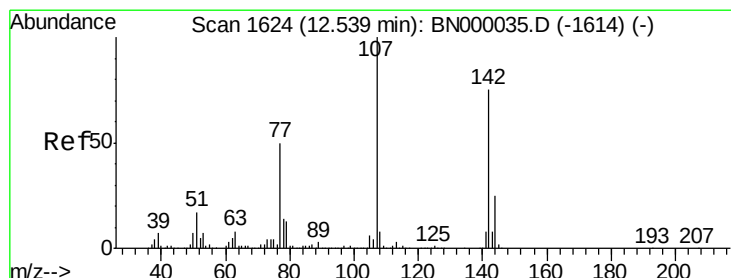
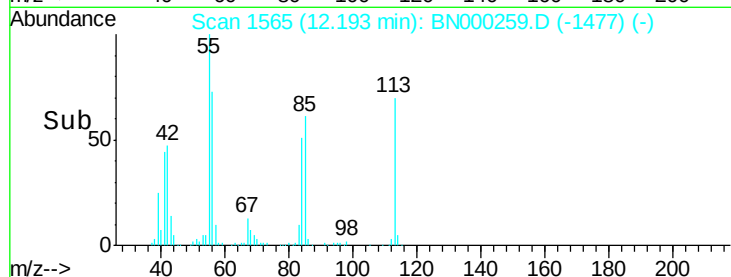
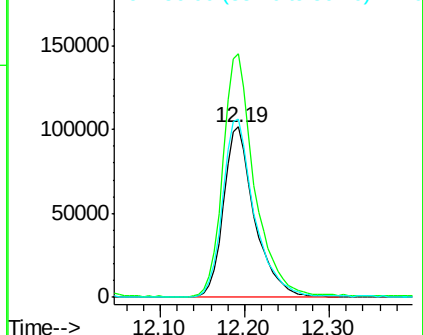
56 104.6 90.0 130.0



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



#36

4-Chloro-3-methylphenol

Concen: 36.094 ng

RT: 12.52 min Scan# 1621

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

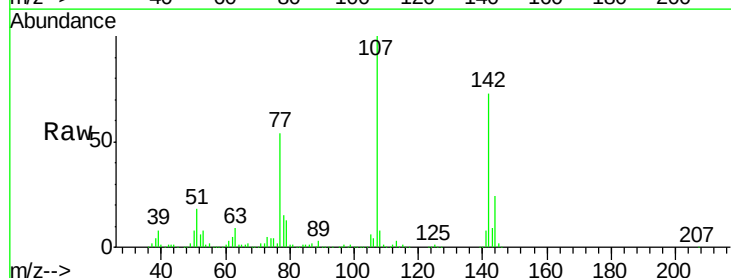
Tgt Ion:107 Resp: 832592

Ion Ratio Lower Upper

107 100

144 23.9 18.2 27.4

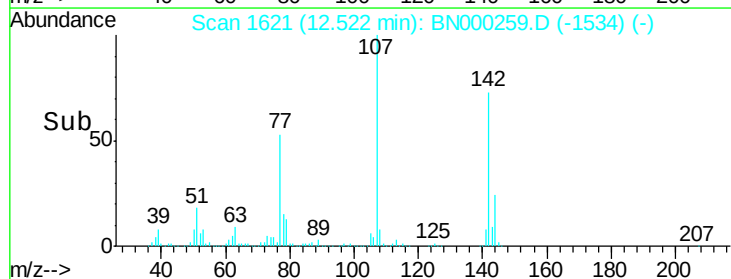
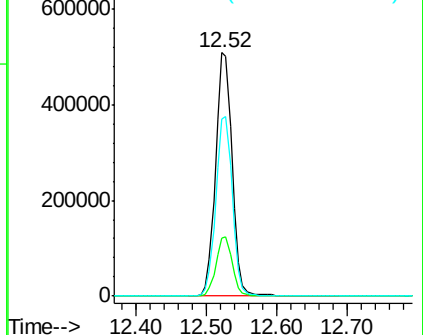
142 72.9 59.0 88.4

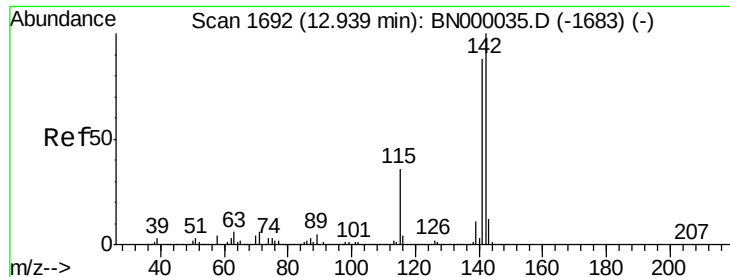


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

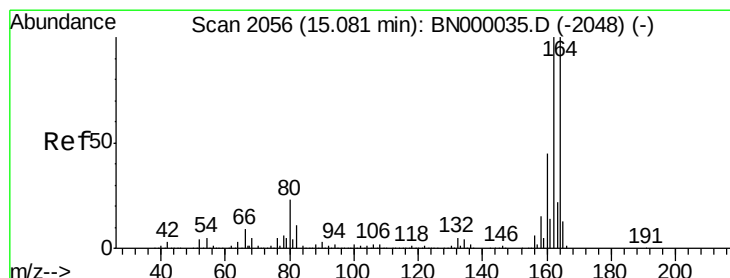
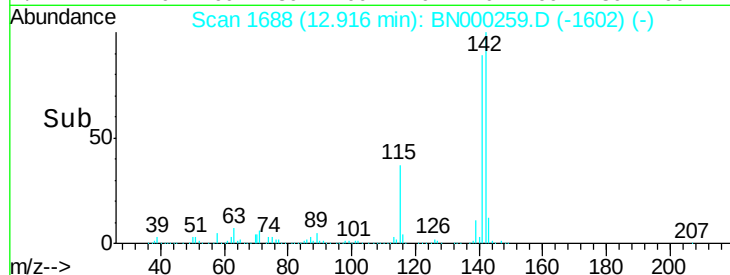
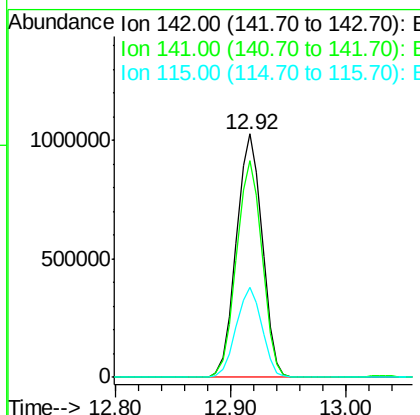
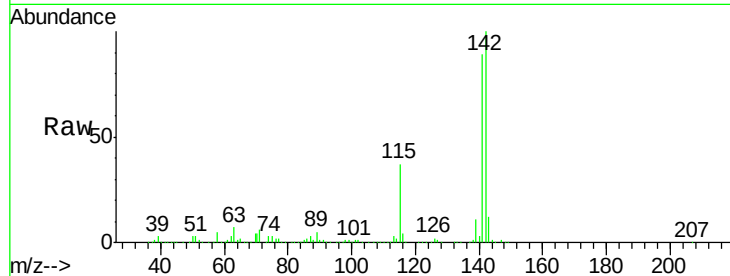




#37
2-Methylnaphthalene
Concen: 32.061 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

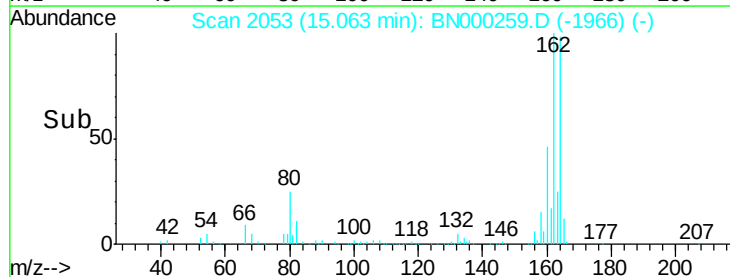
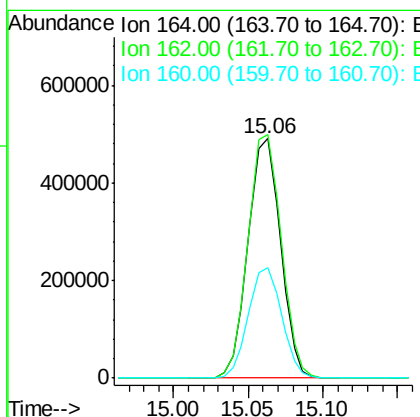
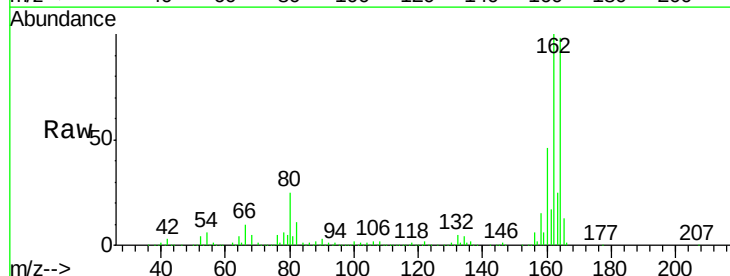
Instrument :
BNA_N
ClientSampleId :
B1MS

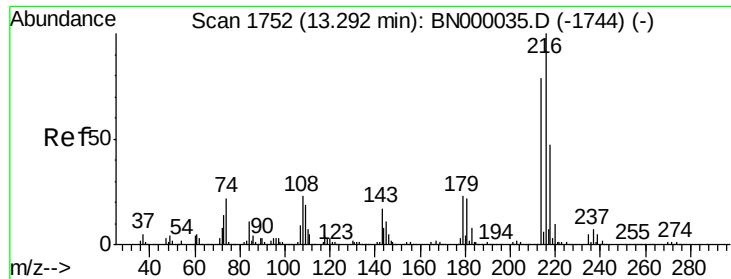
Tot Ion:142 Resp: 1592937
Ion Ratio Lower Upper
142 100
141 89.2 67.1 100.7
115 36.9 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.06 min Scan# 2053
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

Tgt Ion:164 Resp: 738959
Ion Ratio Lower Upper
164 100
162 101.7 78.8 118.2
160 46.3 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.724 ng

RT: 13.27 min Scan# 1749

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Instrument :

BNA_N

ClientSampleId :

B1MS

Tot Ion:216 Resp: 670144

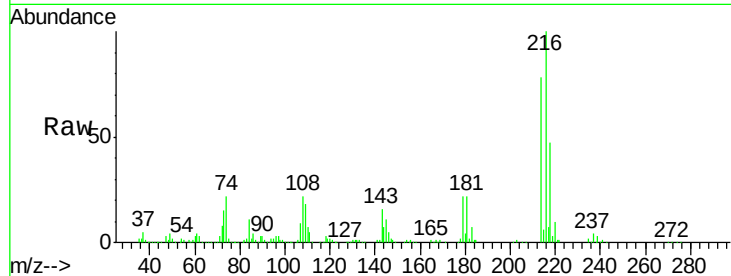
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 23.0 17.0 25.6

108 26.4 12.8 19.2#

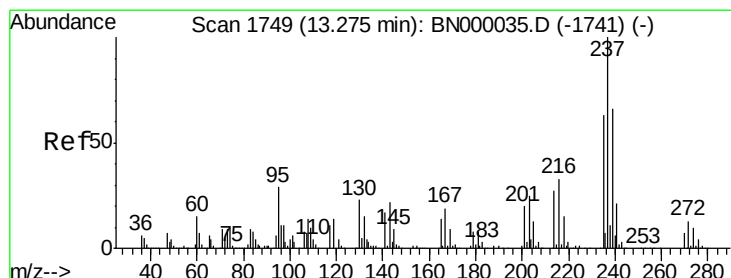
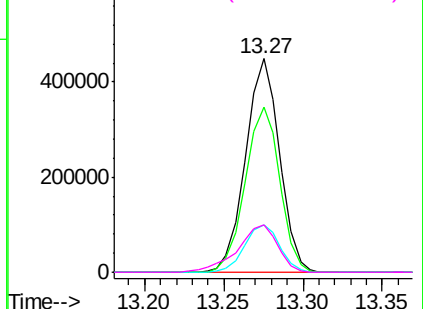
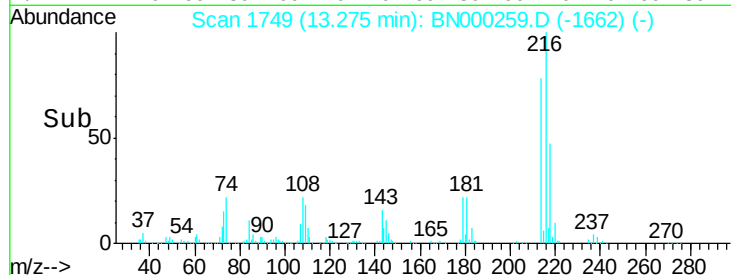


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 59.601 ng

RT: 13.25 min Scan# 1745

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

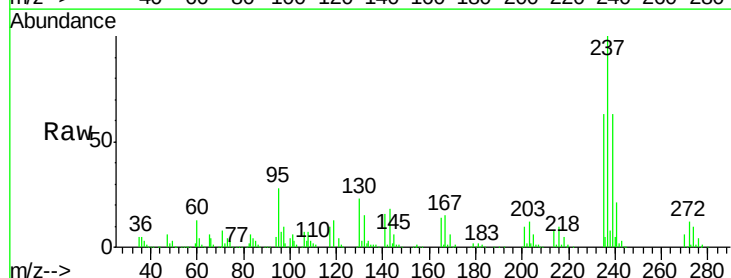
Tgt Ion:237 Resp: 541906

Ion Ratio Lower Upper

237 100

235 62.6 50.4 90.4

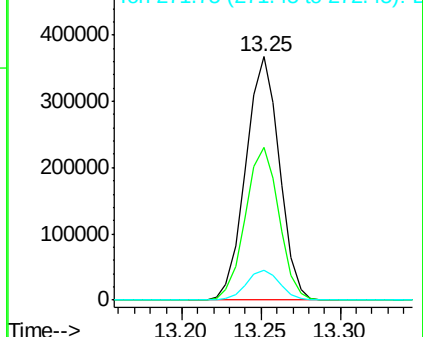
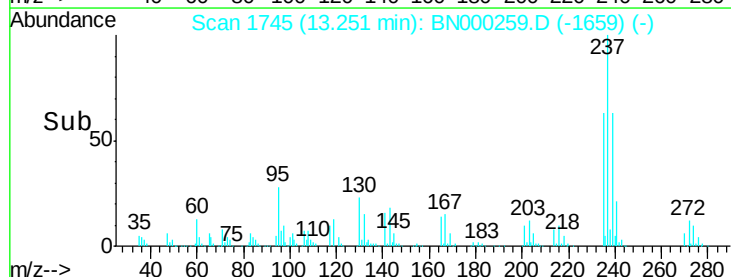
272 12.4 0.0 31.8

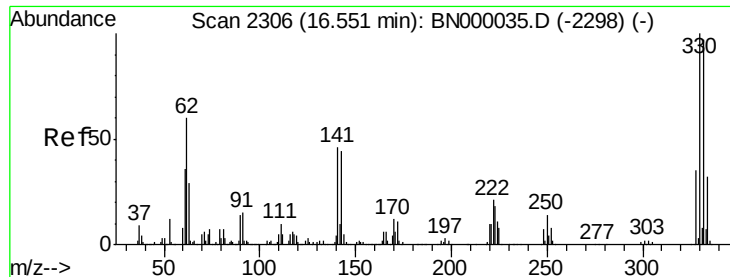


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 87.306 ng

RT: 16.53 min Scan# 2303

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Instrument :

BNA_N

ClientSampled :

B1MS

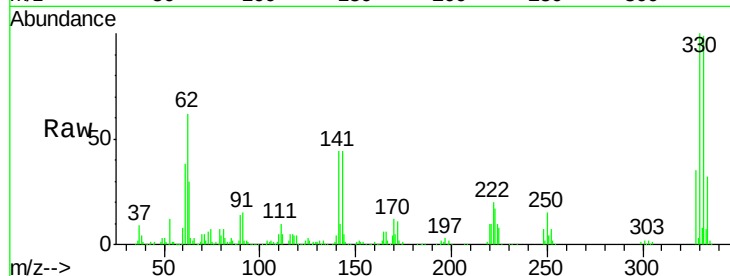
Tot Ion:330 Resp: 638605

Ion Ratio Lower Upper

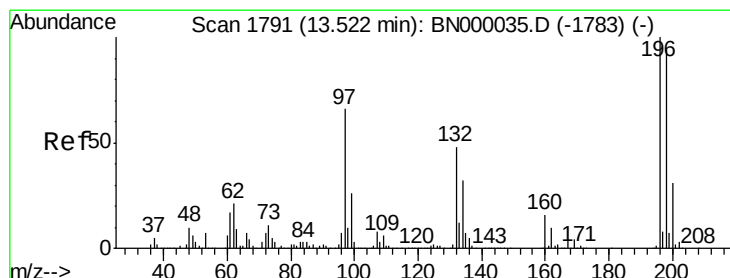
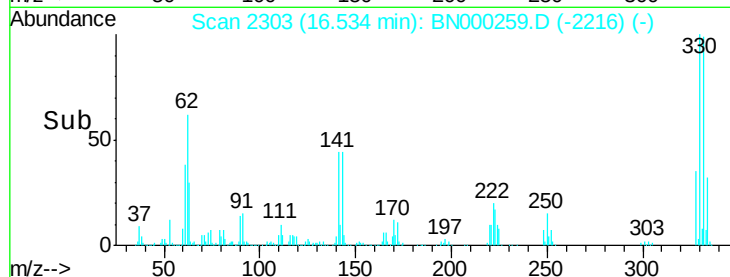
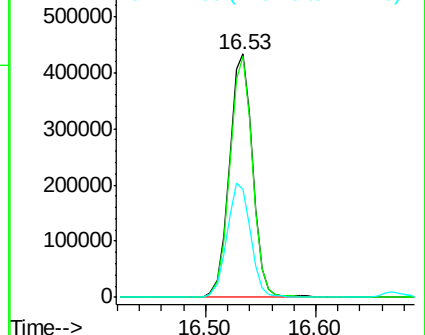
330 100

332 97.3 77.0 115.6

141 48.1 25.2 37.8#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 36.360 ng

RT: 13.50 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

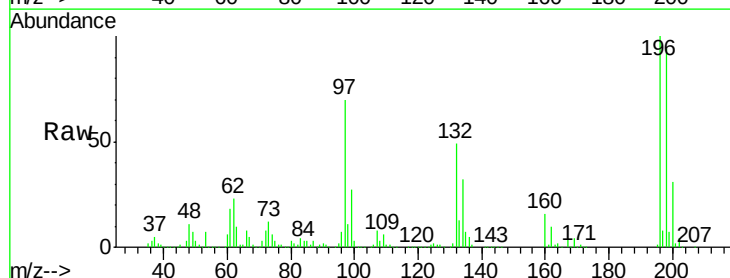
Tgt Ion:196 Resp: 475331

Ion Ratio Lower Upper

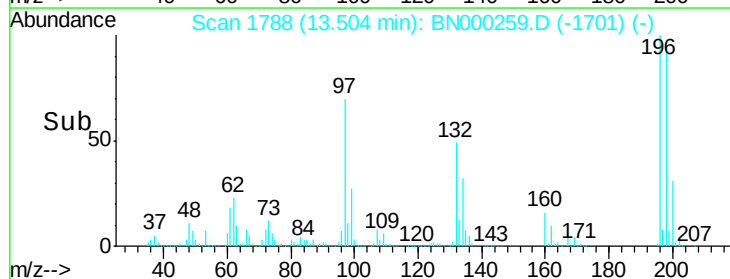
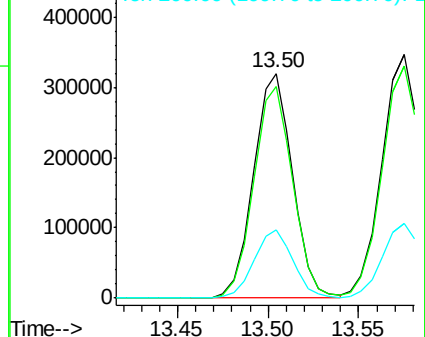
196 100

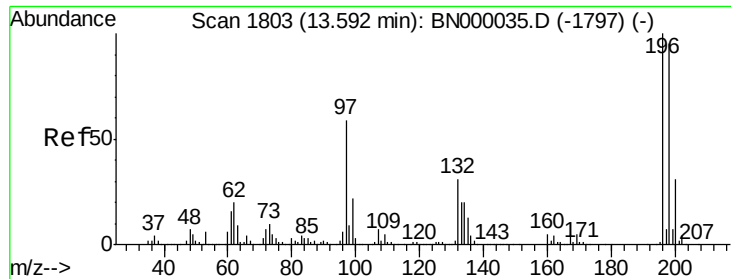
198 94.1 78.2 117.2

200 30.6 24.6 36.8



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

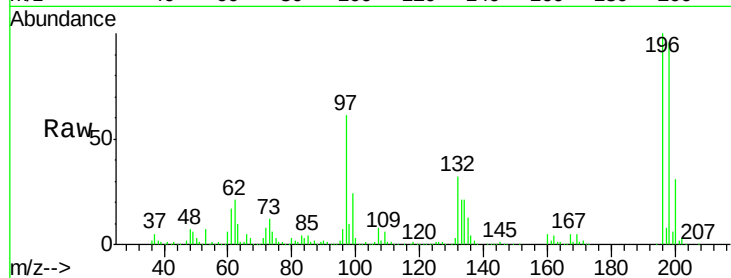




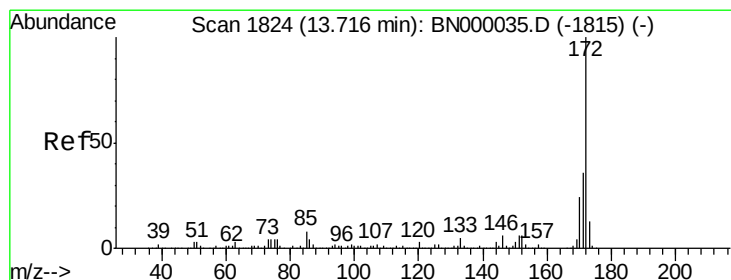
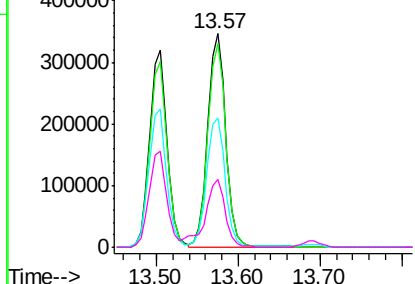
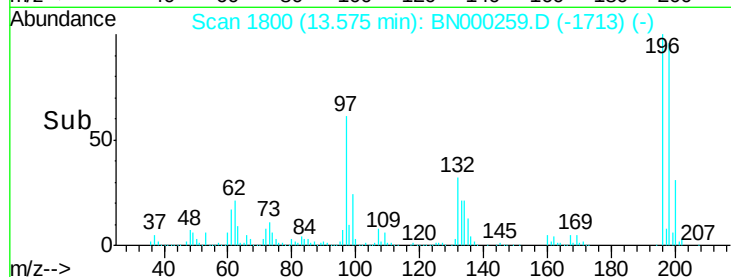
#43
 2,4,5-Trichlorophenol
 Concen: 33.751 ng
 RT: 13.57 min Scan# 1800
 Delta R.T. -0.02 min
 Lab File: BN000259.D
 Acq: 06 Mar 2018 12:31

Instrument :
 BNA_N
 ClientSampleId :
 B1MS

Tot Ion:196 Resp: 530417
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.2 114.4
 97 60.6 38.7 58.1#
 132 31.6 20.2 30.2#

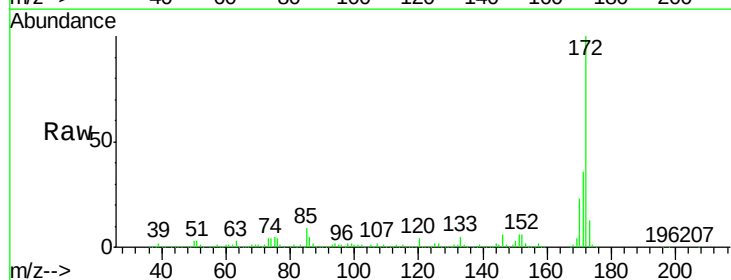


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BNC
 Ion 132.00 (131.70 to 132.70): E

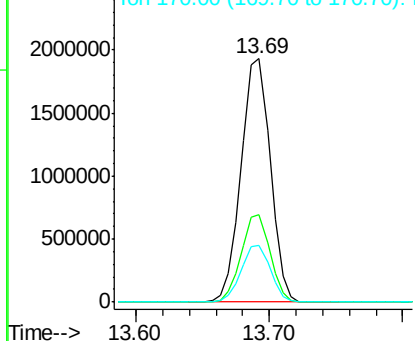
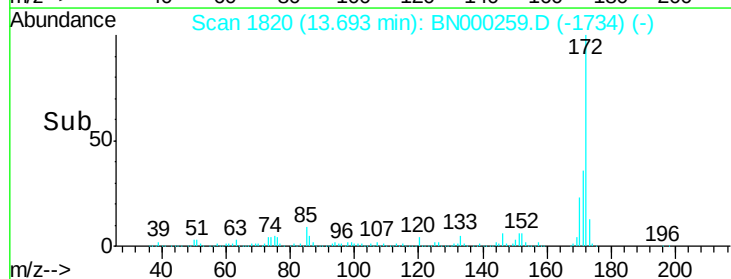


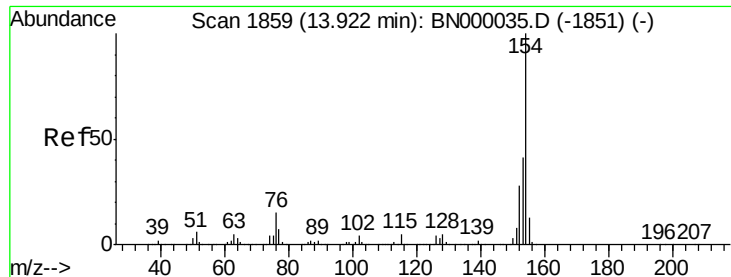
#44
 2-Fluorobiphenyl
 Concen: 55.677 ng
 RT: 13.69 min Scan# 1820
 Delta R.T. -0.02 min
 Lab File: BN000259.D
 Acq: 06 Mar 2018 12:31

Tgt Ion:172 Resp: 2919154
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.0 45.0
 170 23.4 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

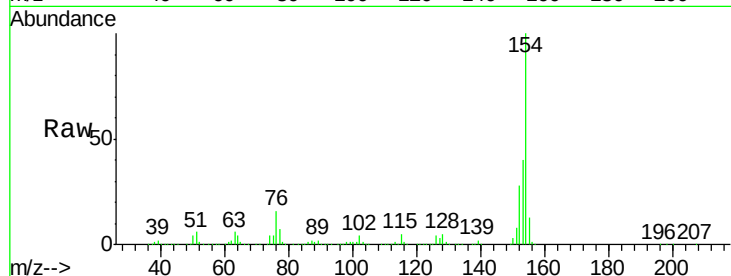




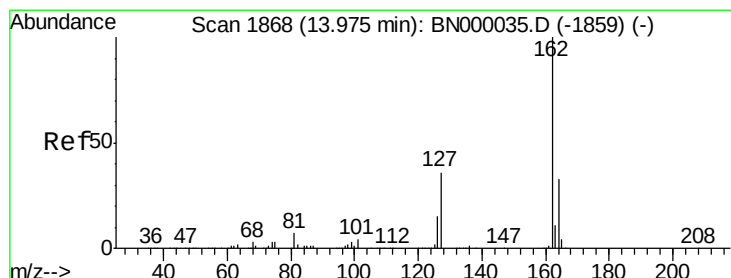
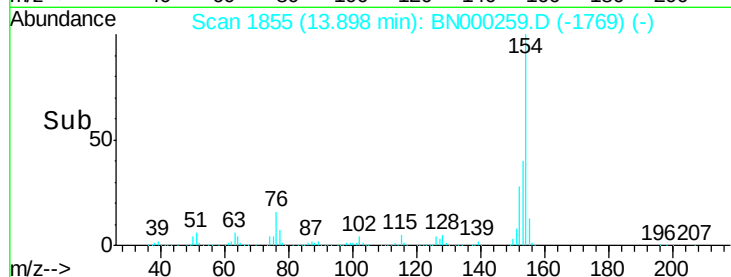
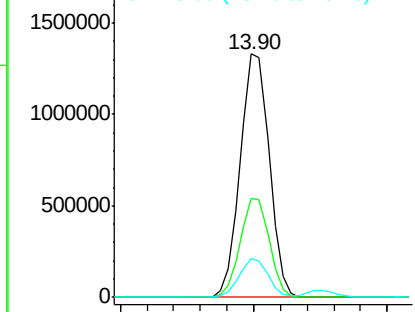
#45
1,1'-Biphenyl
Concen: 30.796 ng
RT: 13.90 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

Instrument :
BNA_N
ClientSampleId :
B1MS

Tot Ion:154 Resp: 2004295
Ion Ratio Lower Upper
154 100
153 40.5 19.8 59.8
76 16.1 0.0 31.9

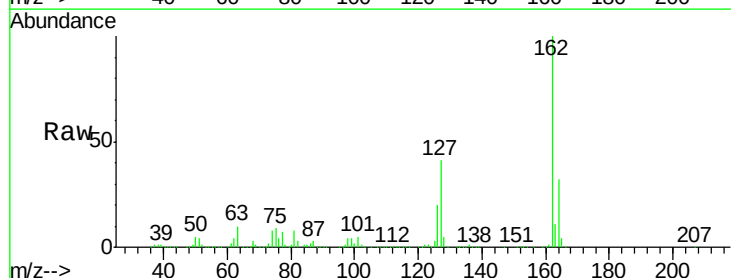


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BNC

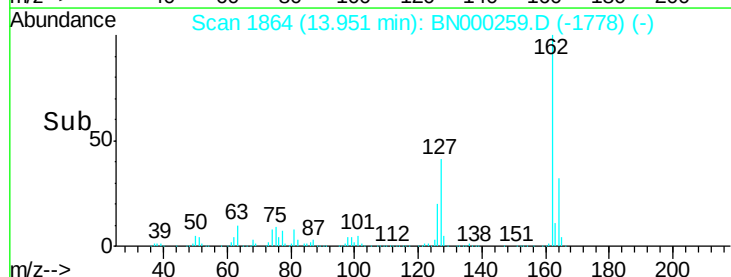
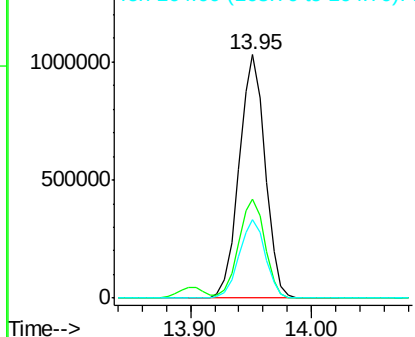


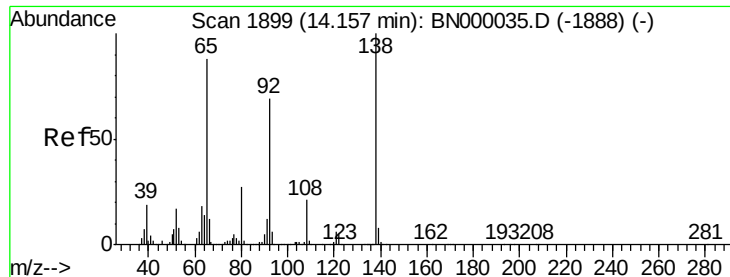
#46
2-Chloronaphthalene
Concen: 31.662 ng
RT: 13.95 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

Tgt Ion:162 Resp: 1546163
Ion Ratio Lower Upper
162 100
127 40.8 30.7 46.1
164 32.4 26.0 39.0



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

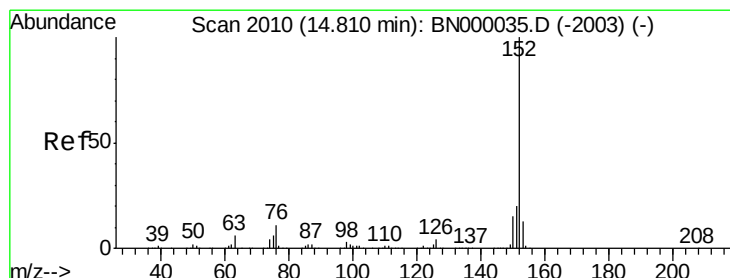
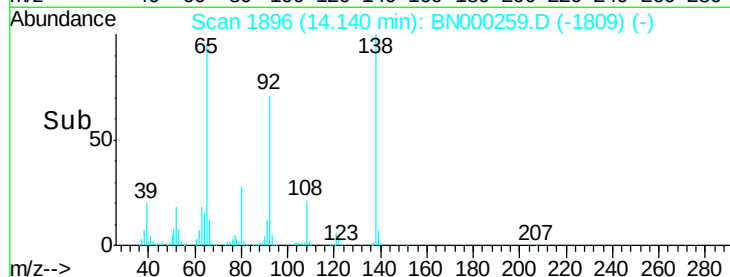
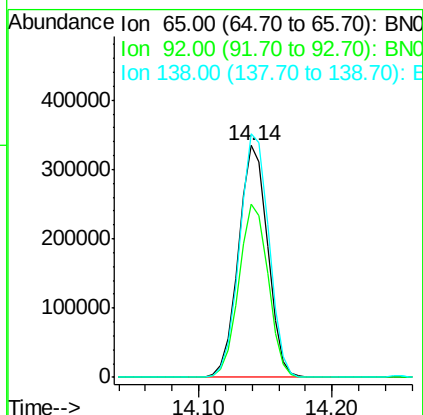
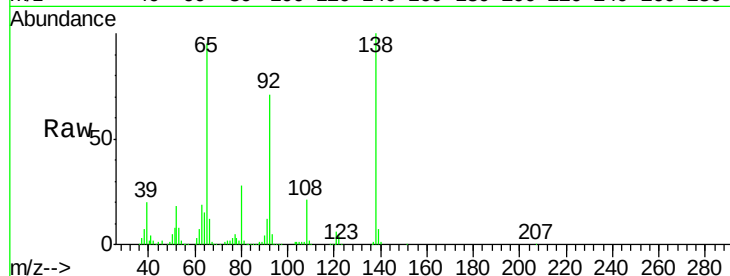




#47
2-Nitroaniline
Concen: 36.524 ng
RT: 14.14 min Scan# 1896
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

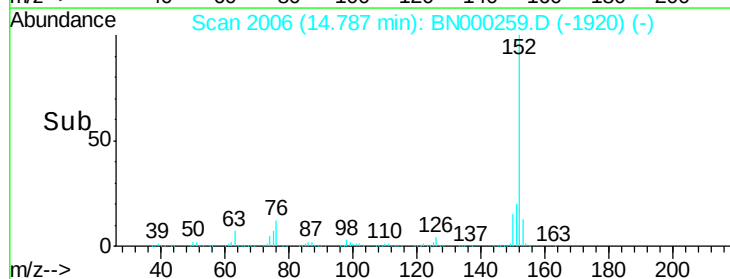
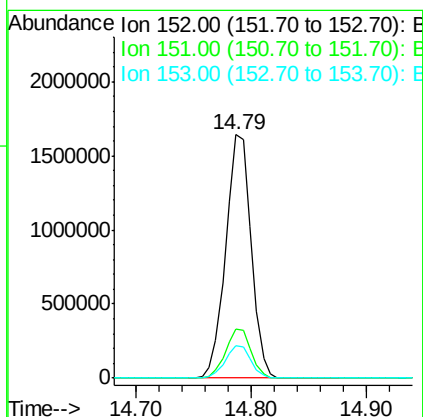
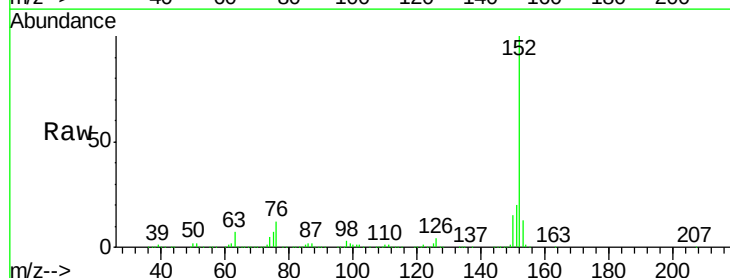
Instrument :
BNA_N
ClientSampleId :
B1MS

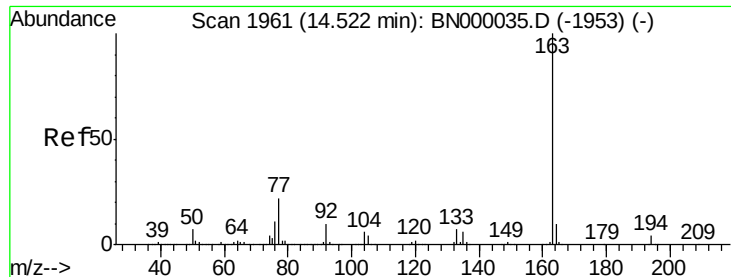
Tot Ion: 65 Resp: 504542
Ion Ratio Lower Upper
65 100
92 74.8 54.6 82.0
138 105.1 72.9 109.3



#48
Acenaphthylene
Concen: 31.737 ng
RT: 14.79 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

Tgt Ion: 152 Resp: 2496877
Ion Ratio Lower Upper
152 100
151 20.1 17.2 25.8
153 13.4 10.2 15.4





#49

Dimethylphthalate

Concen: 31.258 ng

RT: 14.50 min Scan# 1957

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Instrument :

BNA_N

ClientSampleId :

B1MS

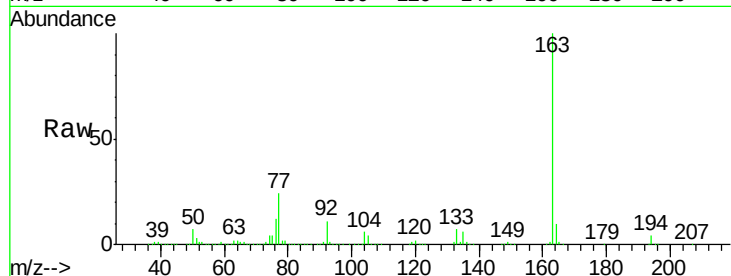
Tot Ion:163 Resp: 1930875

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

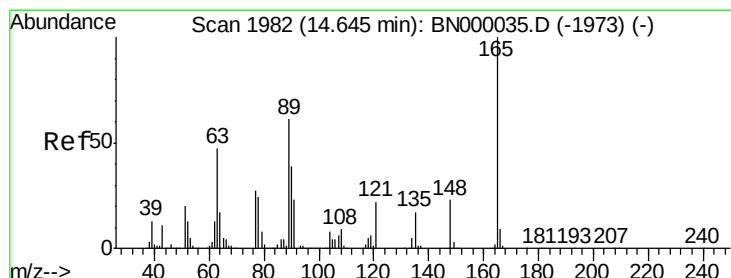
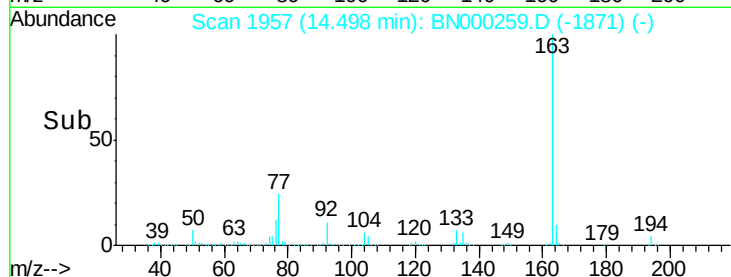
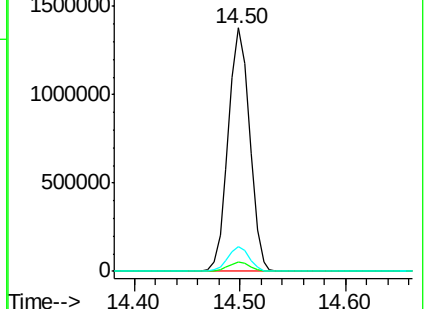
164 10.2 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 32.664 ng

RT: 14.63 min Scan# 1979

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

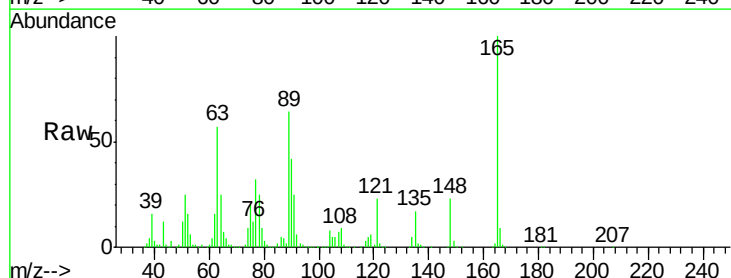
Tgt Ion:165 Resp: 416543

Ion Ratio Lower Upper

165 100

63 57.2 52.7 79.1

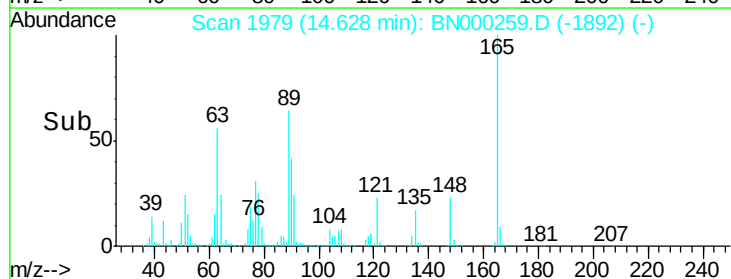
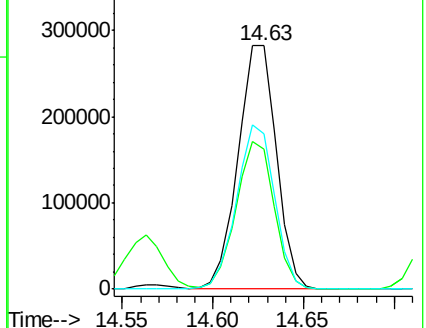
89 63.9 49.2 73.8

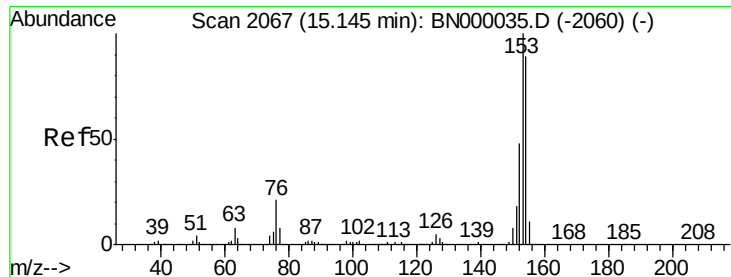


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 34.016 ng

RT: 15.13 min Scan# 2064

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Instrument :

BNA_N

ClientSampleId :

B1MS

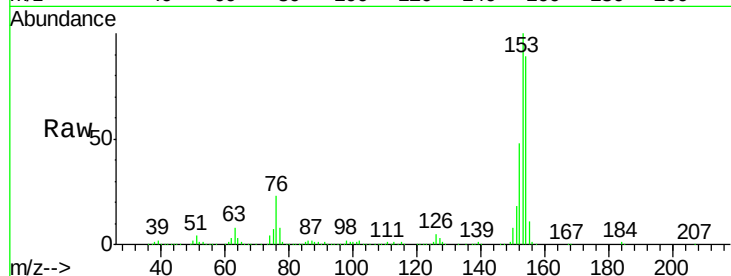
Tot Ion:154 Resp: 1742078

Ion Ratio Lower Upper

154 100

153 112.0 90.4 135.6

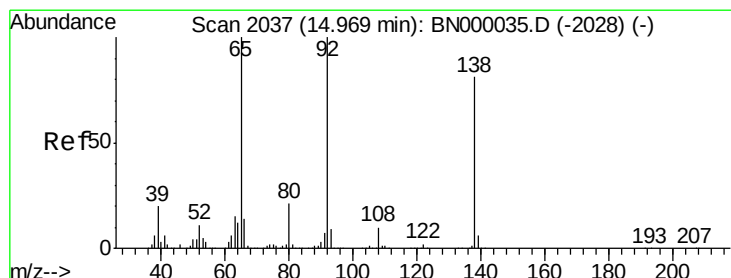
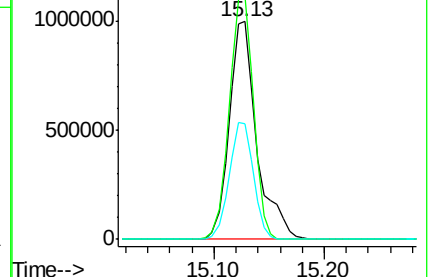
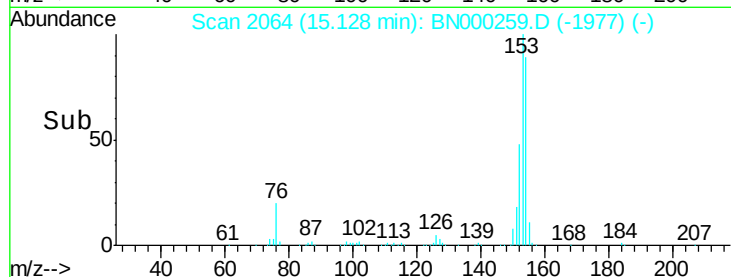
152 53.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.623 ng

RT: 14.95 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

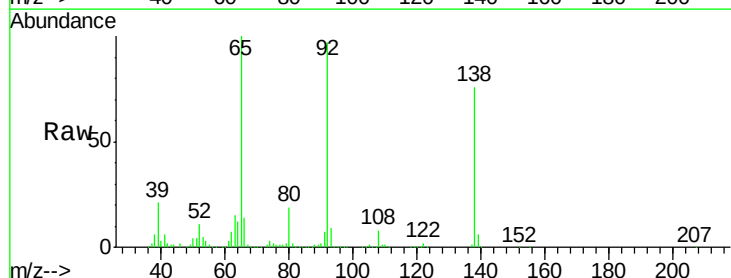
Tgt Ion:138 Resp: 319685

Ion Ratio Lower Upper

138 100

108 11.0 17.5 26.3#

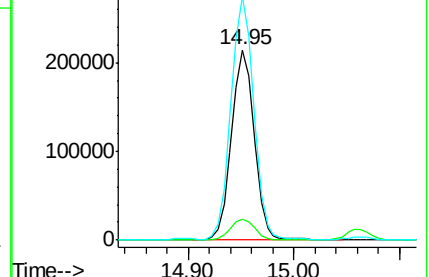
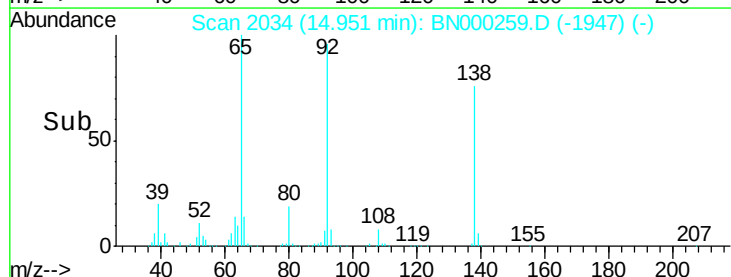
92 127.9 105.8 158.8

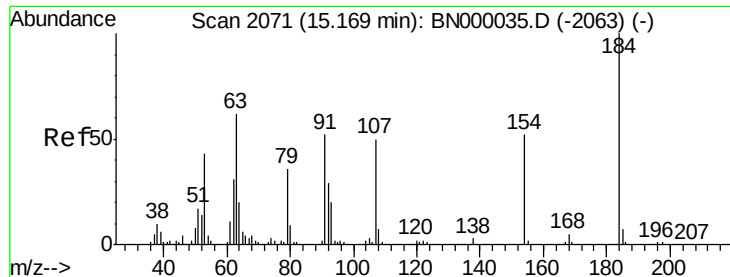


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

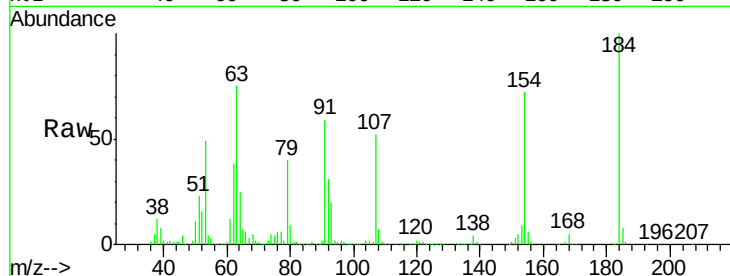




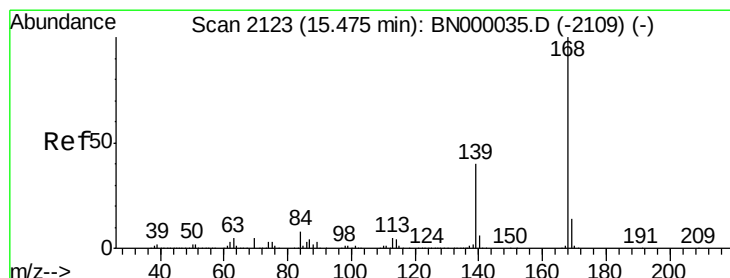
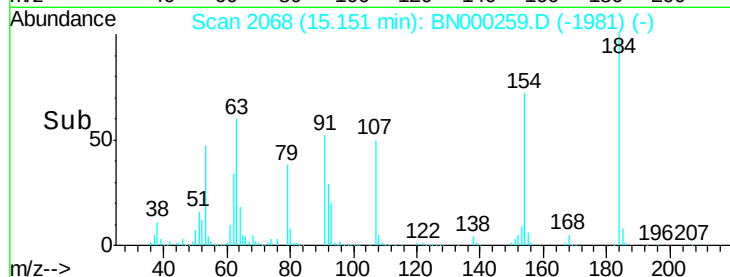
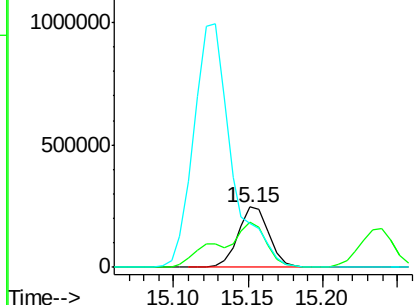
#53
2,4-Dinitrophenol
Concen: 78.862 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

Instrument :
BNA_N
ClientSampleId :
B1MS

Tot Ion:184 Resp: 356019
Ion Ratio Lower Upper
184 100
63 74.8 80.0 120.0#
154 72.1 308.0 462.0#

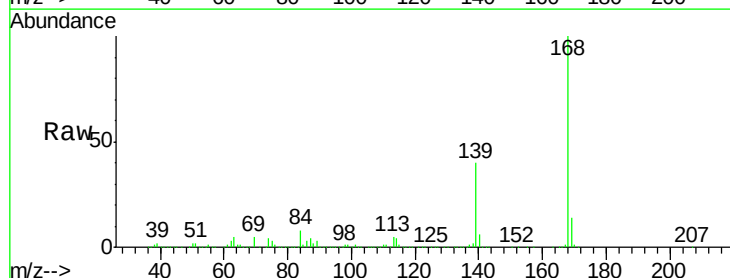


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

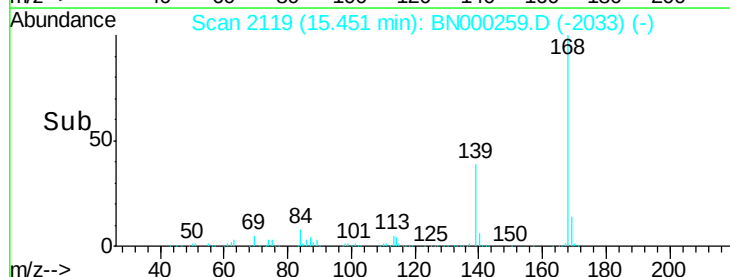
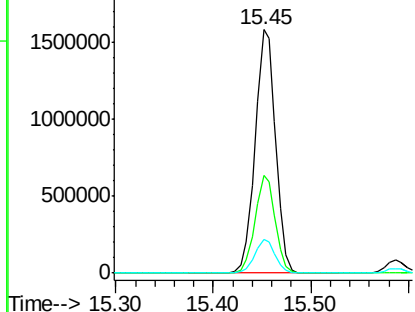


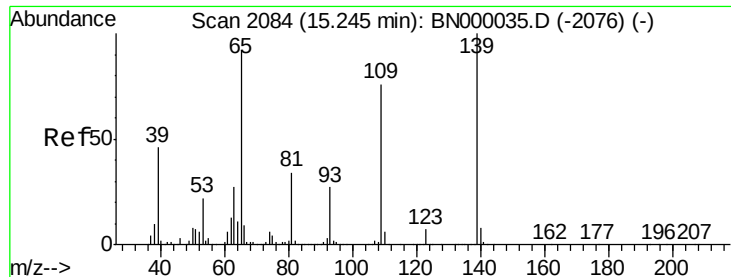
#54
Dibenzofuran
Concen: 32.166 ng
RT: 15.45 min Scan# 2119
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

Tgt Ion:168 Resp: 2333001
Ion Ratio Lower Upper
168 100
139 40.0 28.6 43.0
169 13.7 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

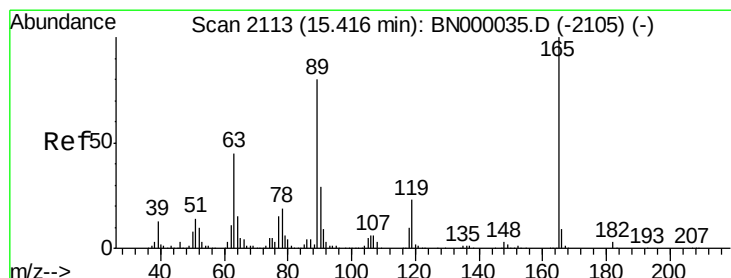
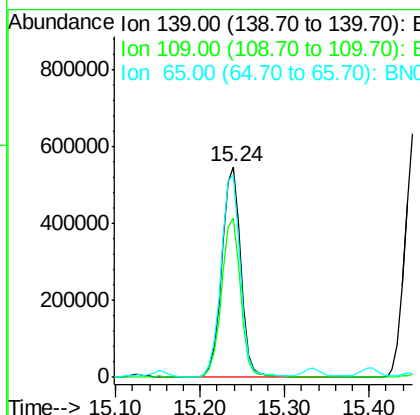
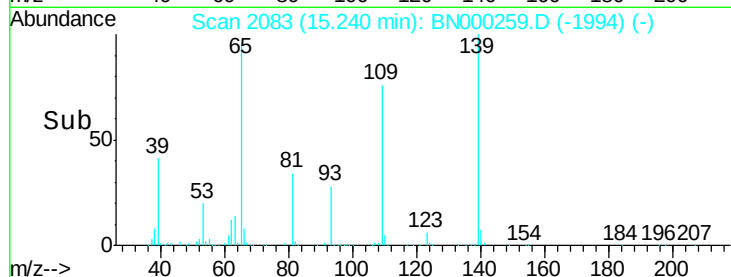
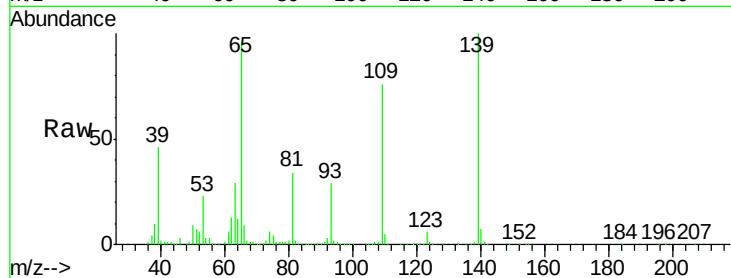




#55
4-Nitrophenol
Concen: 68.205 ng
RT: 15.24 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

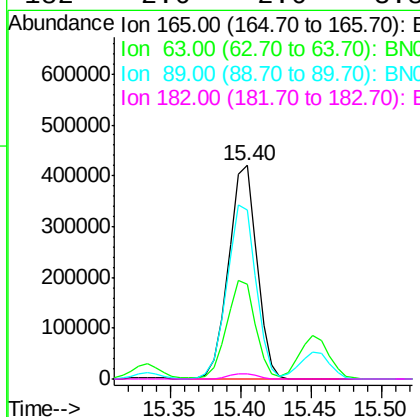
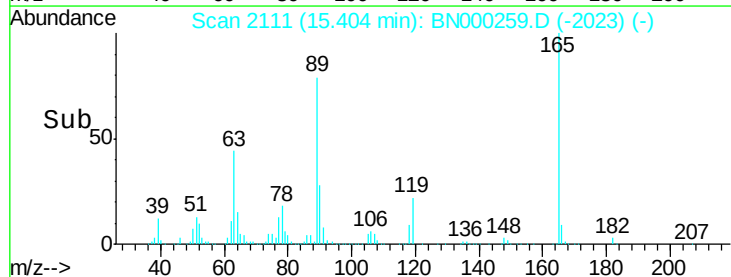
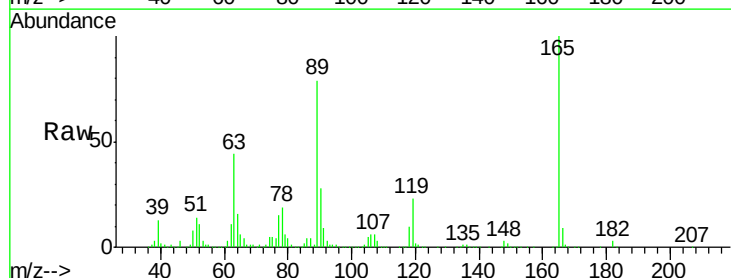
Instrument :
BNA_N
ClientSampleId :
B1MS

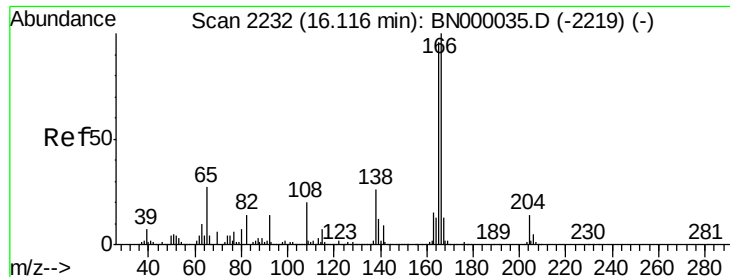
Tot Ion:139 Resp: 856468
Ion Ratio Lower Upper
139 100
109 75.9 62.2 102.2
65 96.3 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 33.529 ng
RT: 15.40 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

Tgt Ion:165 Resp: 586876
Ion Ratio Lower Upper
165 100
63 44.3 42.0 63.0
89 78.9 66.9 100.3
182 2.6 2.6 3.8





#57

Fluorene

Concen: 32.031 ng

RT: 16.09 min Scan# 2228

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Instrument :

BNA_N

ClientSampleId :

B1MS

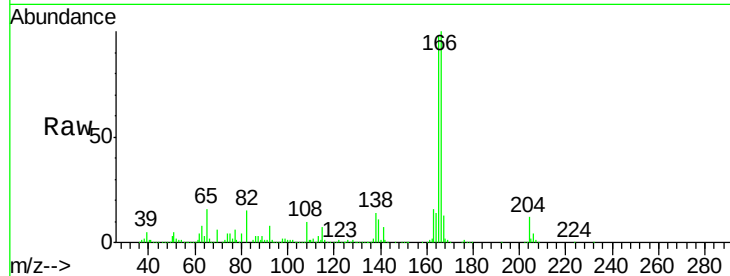
Tot Ion:166 Resp: 1896956

Ion Ratio Lower Upper

166 100

165 98.2 80.6 121.0

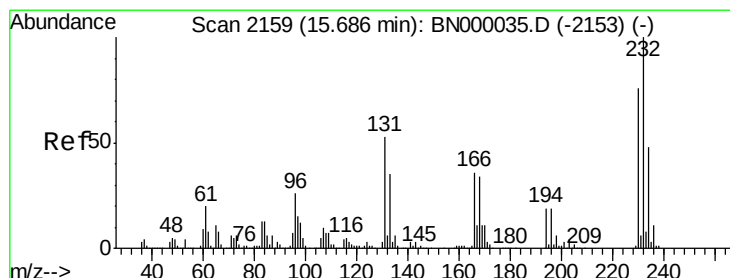
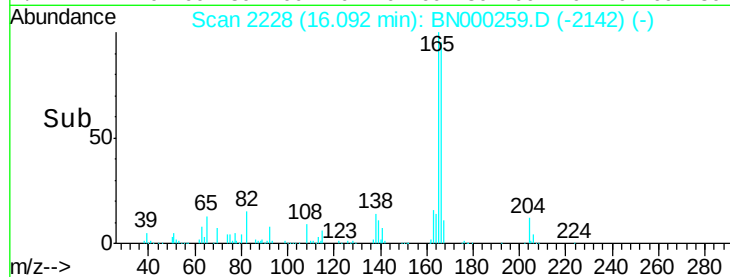
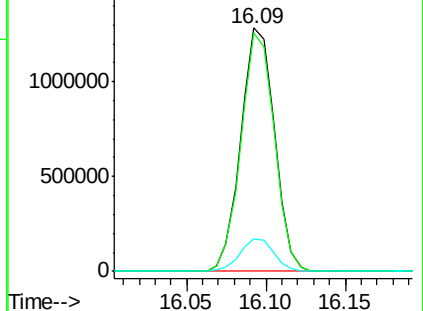
167 13.5 10.4 15.6



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.249 ng

RT: 15.67 min Scan# 2156

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Tgt Ion:232 Resp: 449581

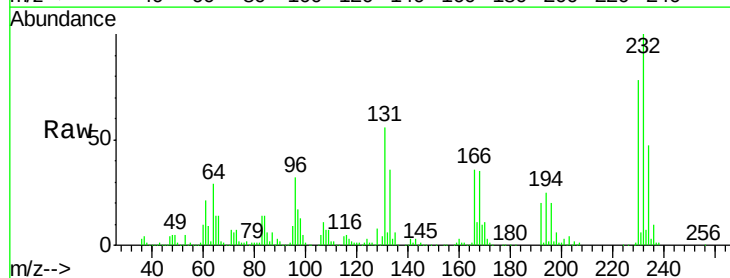
Ion Ratio Lower Upper

232 100

131 57.3 33.5 50.3#

130 7.9 2.2 3.2#

166 36.1 24.8 37.2

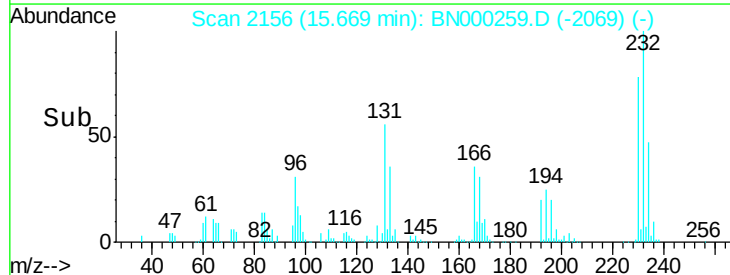
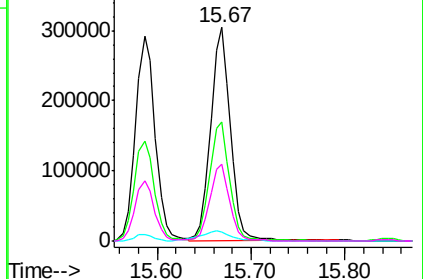


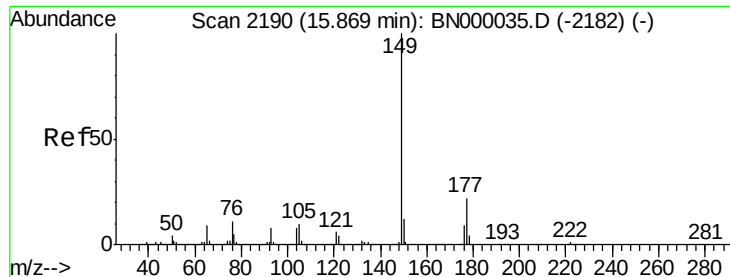
Abundance Ion 232.00 (231.70 to 232.70): E

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

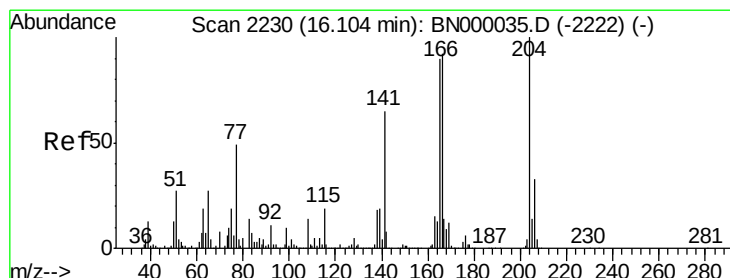
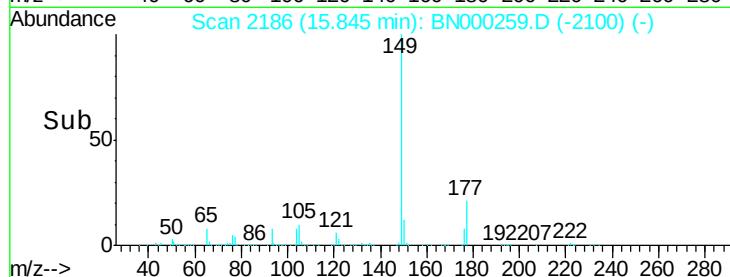
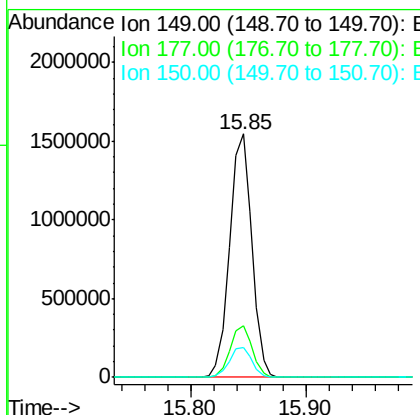
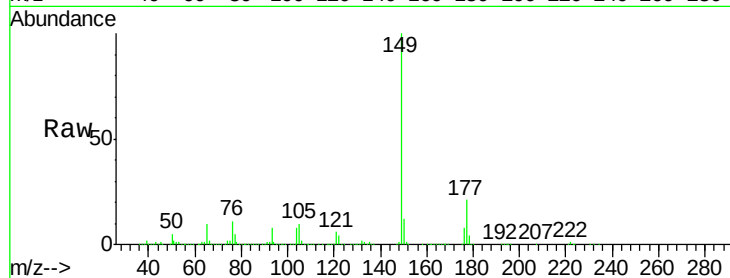




#59
Diethylphthalate
Concen: 32.600 ng
RT: 15.85 min Scan# 2186
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

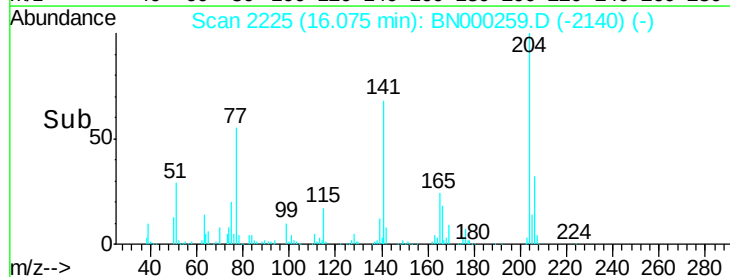
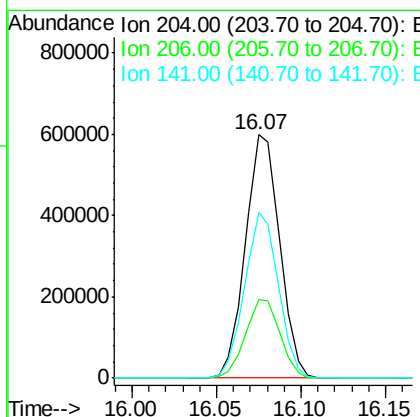
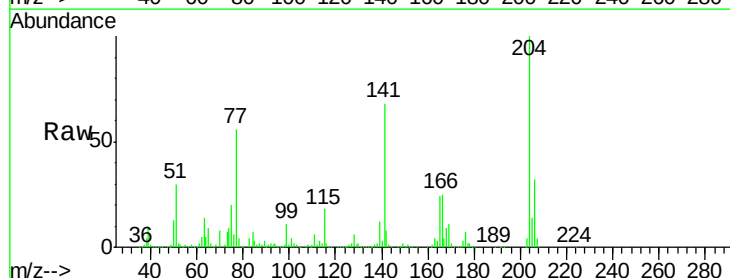
Instrument :
BNA_N
ClientSampleId :
B1MS

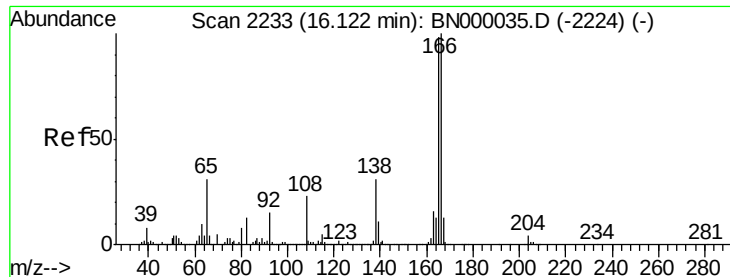
Tot Ion:149 Resp: 2046453
Ion Ratio Lower Upper
149 100
177 21.3 18.5 27.7
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 31.394 ng
RT: 16.07 min Scan# 2225
Delta R.T. -0.03 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

Tgt Ion:204 Resp: 847283
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 68.2 45.8 68.6





#61

4-Nitroaniline

Concen: 31.592 ng

RT: 16.10 min Scan# 2230

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Instrument :

BNA_N

ClientSampleId :

B1MS

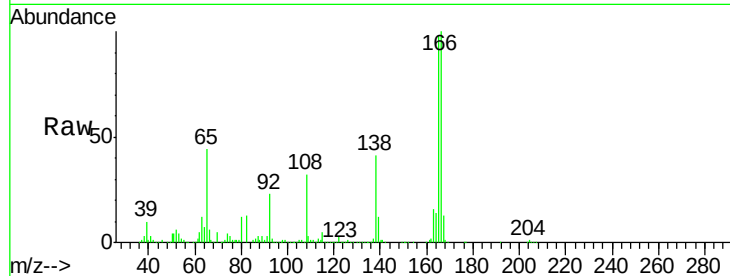
Tot Ion:138 Resp: 503179

Ion Ratio Lower Upper

138 100

92 55.8 40.1 80.1

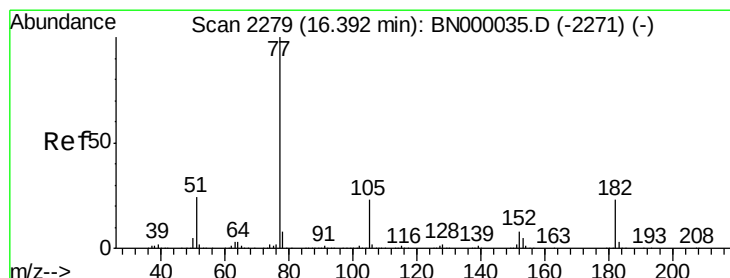
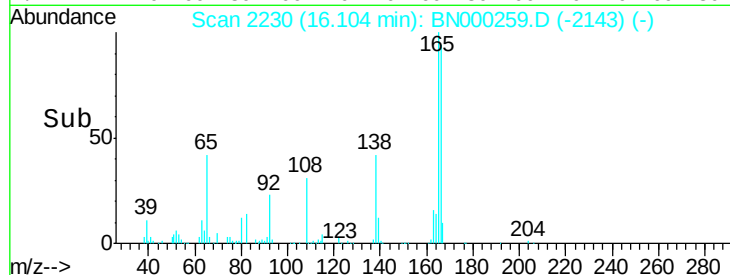
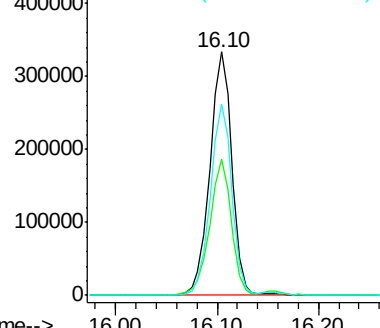
108 78.4 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.500 ng

RT: 16.37 min Scan# 2275

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Tgt Ion: 77 Resp: 2218342

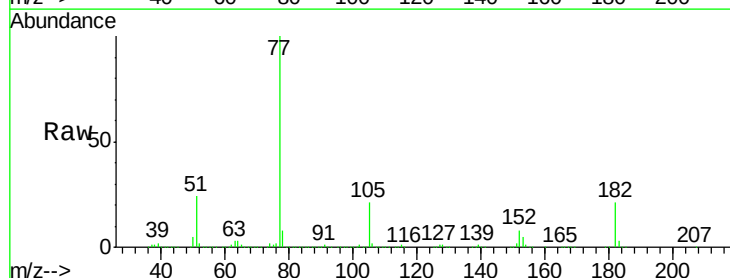
Ion Ratio Lower Upper

77 100

182 21.1 7.4 47.4

105 21.2 0.3 40.3

51 23.9 11.6 51.6

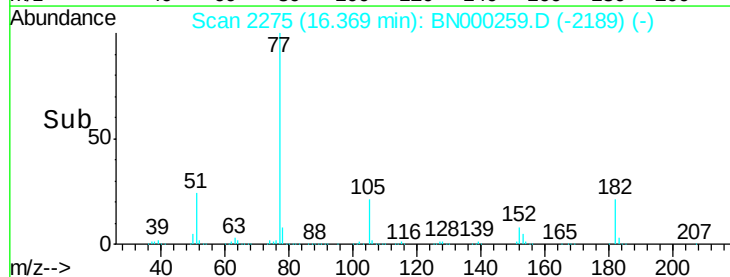
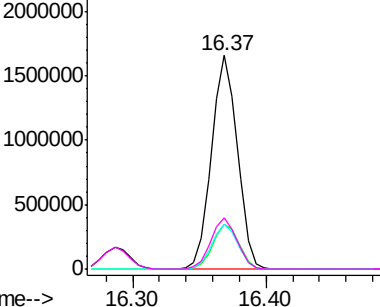


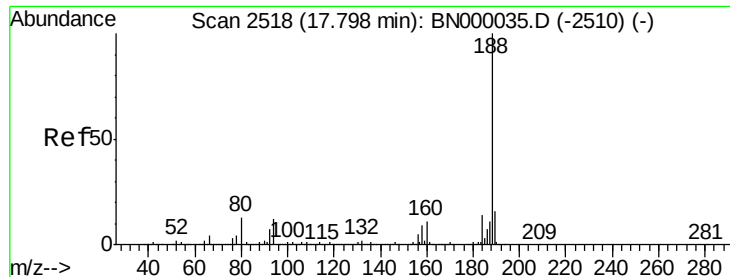
Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BNC

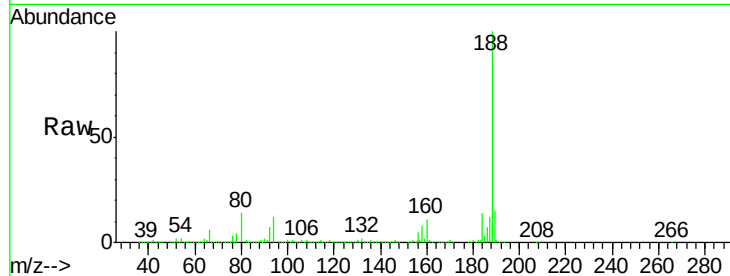




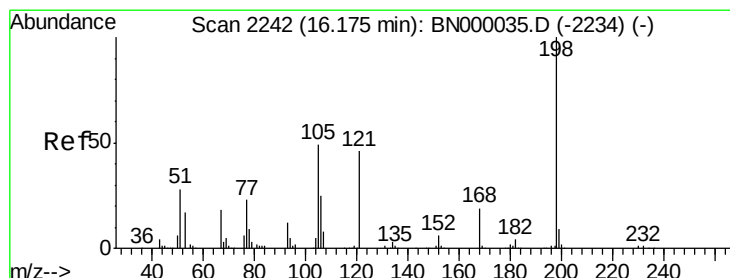
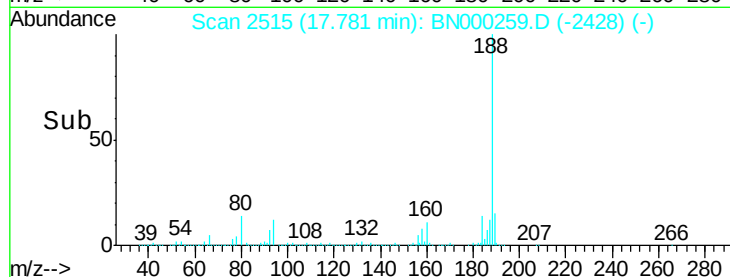
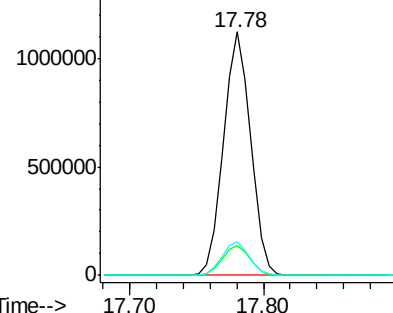
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.78 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

Instrument :
BNA_N
ClientSampleId :
B1MS

Tot Ion:188 Resp: 1575417
Ion Ratio Lower Upper
188 100
94 12.4 6.9 10.3#
80 13.7 7.7 11.5#

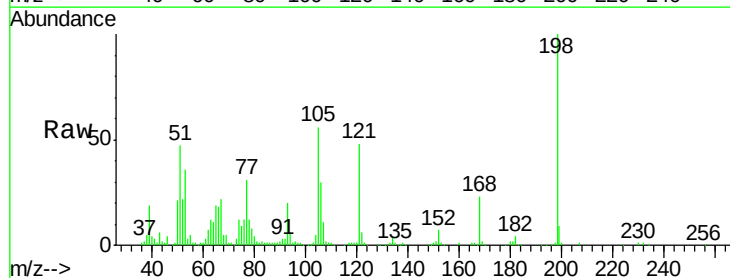


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

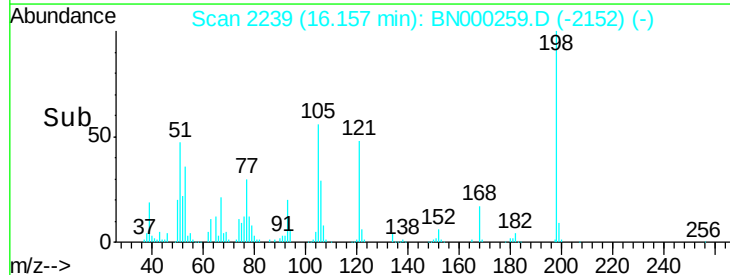
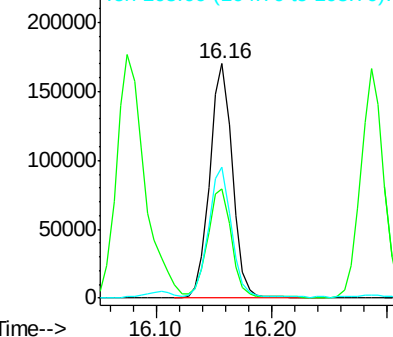


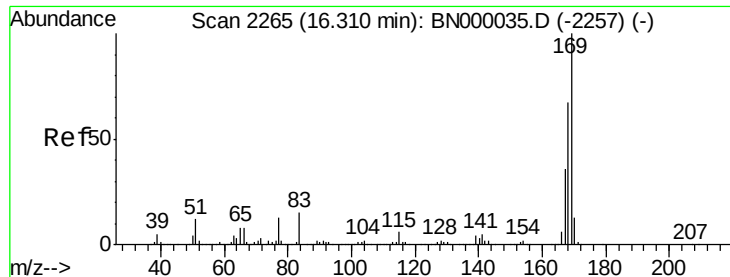
#64
4,6-Dinitro-2-methylphenol
Concen: 34.160 ng
RT: 16.16 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

Tgt Ion:198 Resp: 231937
Ion Ratio Lower Upper
198 100
51 46.7 30.6 70.6
105 55.9 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BNC
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 32.645 ng

RT: 16.29 min Scan# 2261

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Instrument :

BNA_N

ClientSampleId :

B1MS

Tot Ion:169 Resp: 1673480

Ion	Ratio	Lower	Upper
169	100		
168	67.4	55.7	83.5
167	37.2	30.1	45.1

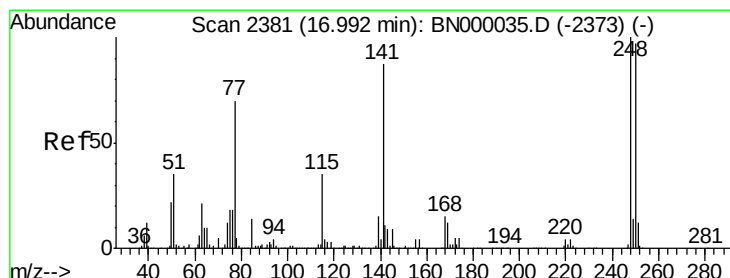
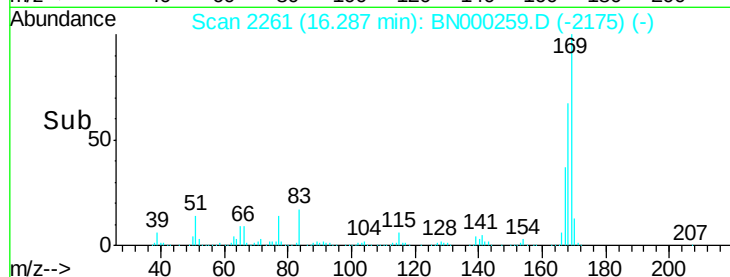
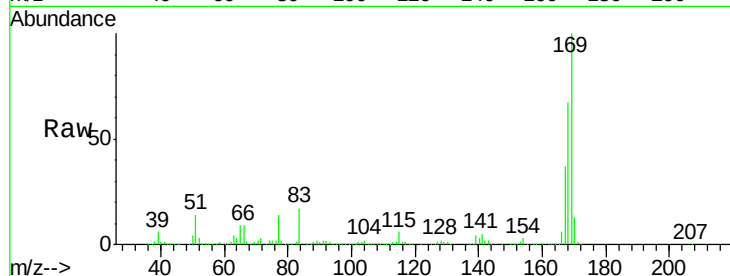
Abundance

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

Time-->



#66

4-Bromophenyl-phenylether

Concen: 32.345 ng

RT: 16.96 min Scan# 2376

Delta R.T. -0.03 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Tgt Ion:248 Resp: 484576

Ion	Ratio	Lower	Upper
248	100		
250	95.4	77.1	115.7
141	94.4	50.8	76.2

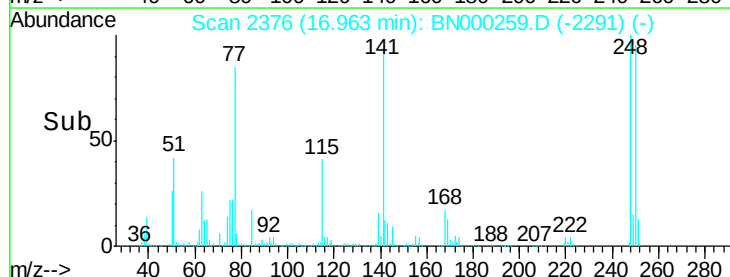
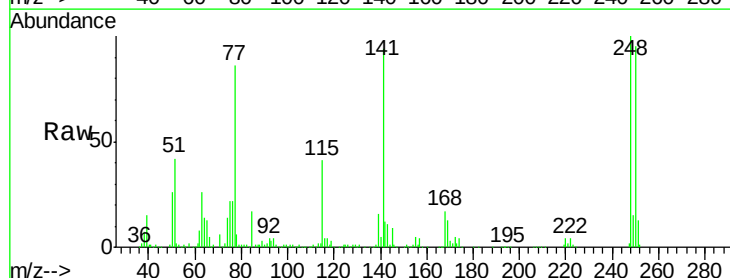
Abundance

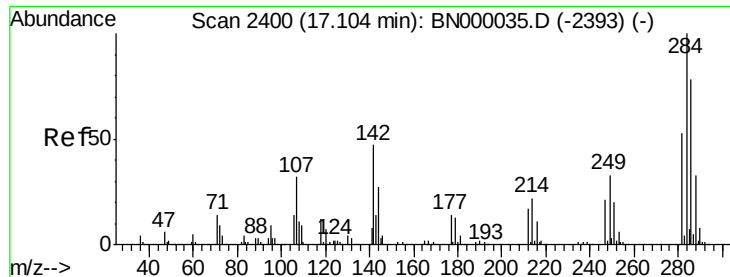
Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->

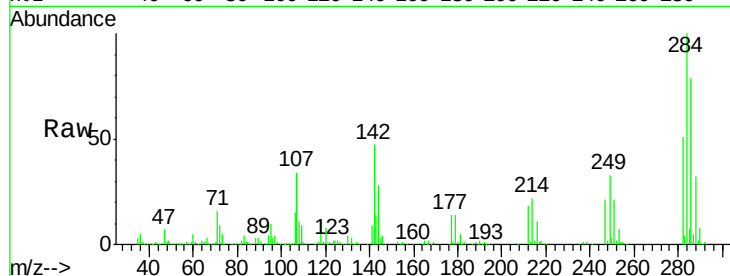




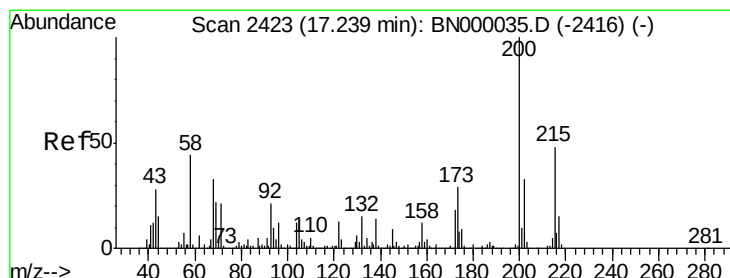
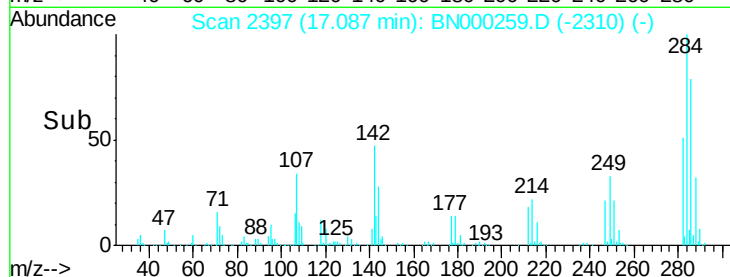
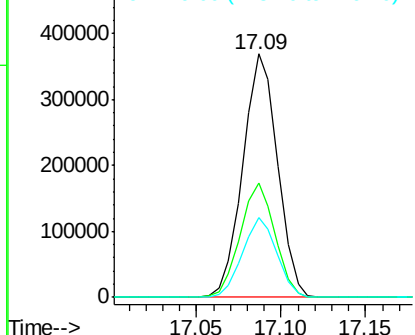
#67
Hexachlorobenzene
Concen: 30.159 ng
RT: 17.09 min Scan# 2397
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

Instrument :
BNA_N
ClientSampleId :
B1MS

Tot Ion:284 Resp: 527661
Ion Ratio Lower Upper
284 100
142 46.9 26.8 40.2#
249 33.0 26.3 39.5

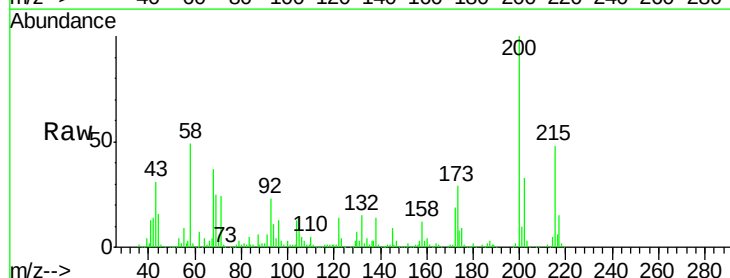


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

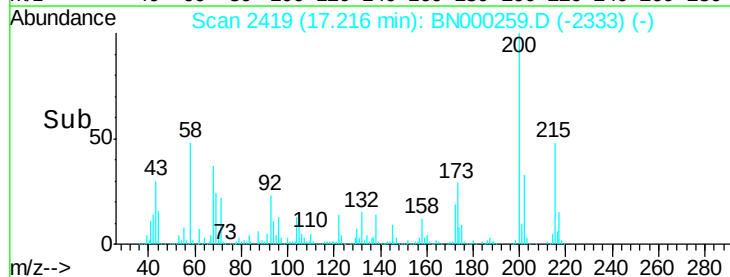
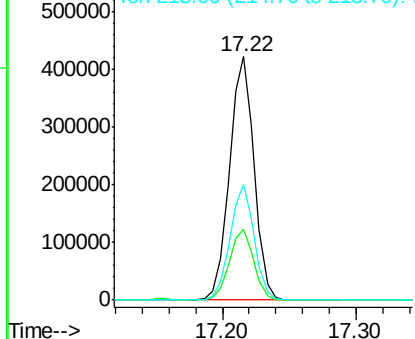


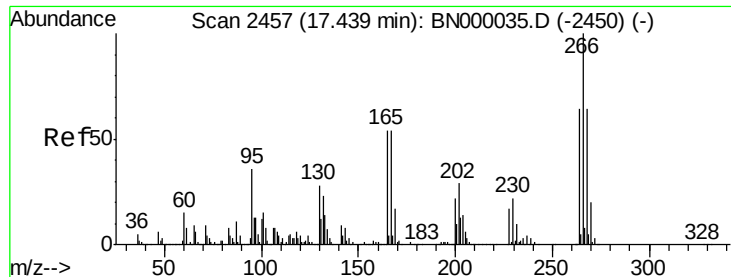
#68
Atrazine
Concen: 32.440 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

Tgt Ion:200 Resp: 541225
Ion Ratio Lower Upper
200 100
173 29.1 5.2 45.2
215 47.7 30.4 70.4



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

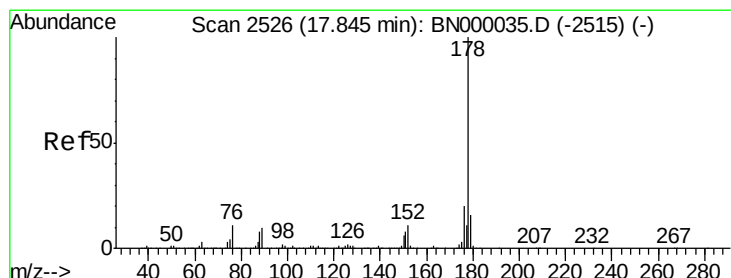
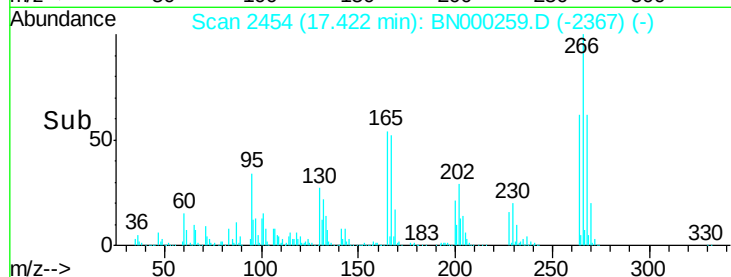
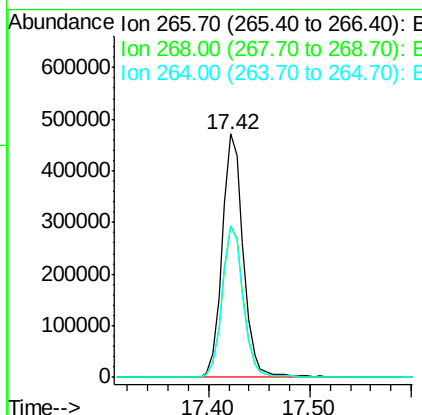
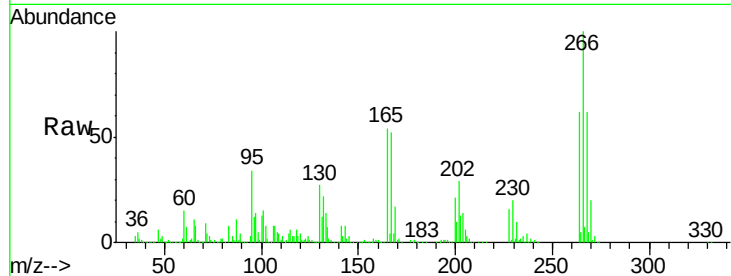




#69
 Pentachlorophenol
 Concen: 58.200 ng
 RT: 17.42 min Scan# 2454
 Delta R.T. -0.02 min
 Lab File: BN000259.D
 Acq: 06 Mar 2018 12:31

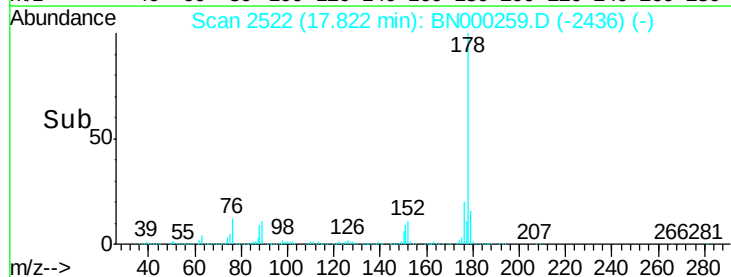
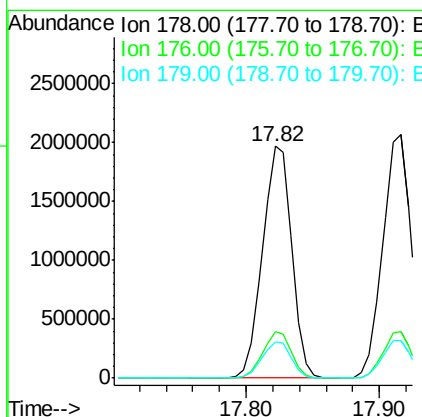
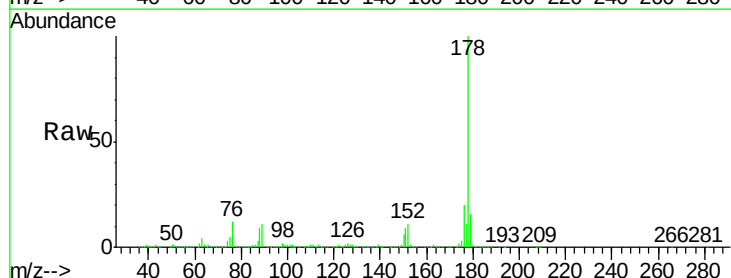
Instrument :
 BNA_N
 ClientSampleId :
 B1MS

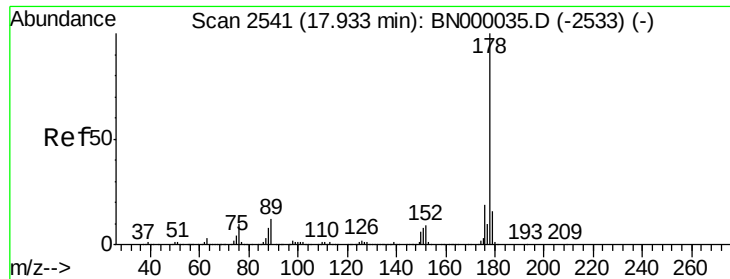
Tot Ion:266 Resp: 680467
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.1 76.7
 264 62.2 49.6 74.4



#70
 Phenanthrene
 Concen: 32.013 ng
 RT: 17.82 min Scan# 2522
 Delta R.T. -0.02 min
 Lab File: BN000259.D
 Acq: 06 Mar 2018 12:31

Tgt Ion:178 Resp: 2979029
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.7 23.5
 179 15.8 12.5 18.7

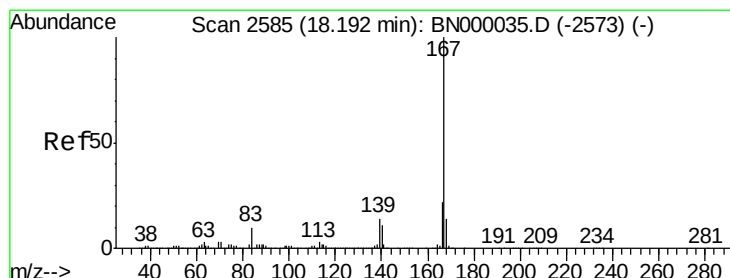
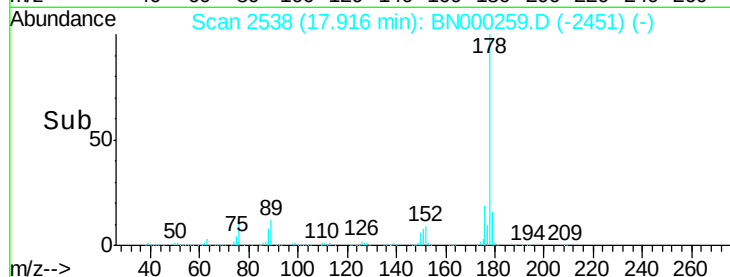
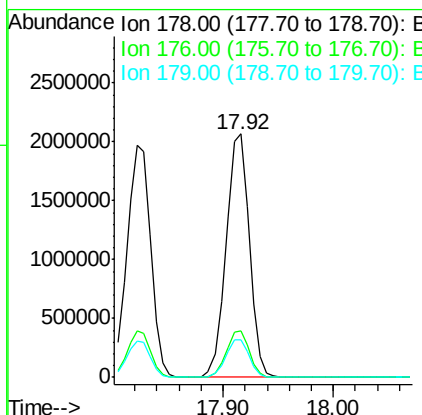
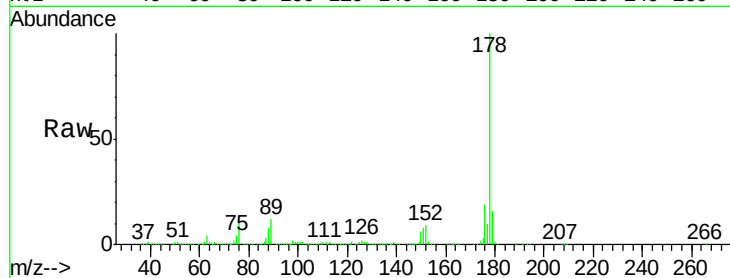




#71
 Anthracene
 Concen: 33.820 ng
 RT: 17.92 min Scan# 2538
 Delta R.T. -0.02 min
 Lab File: BN000259.D
 Acq: 06 Mar 2018 12:31

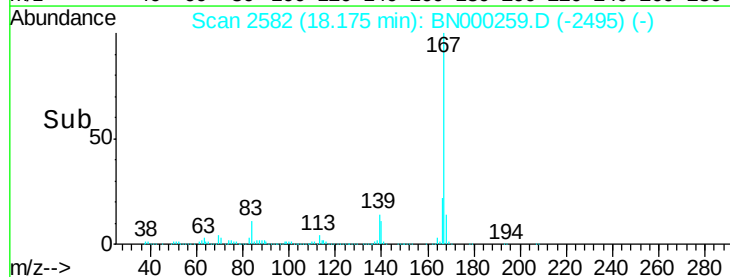
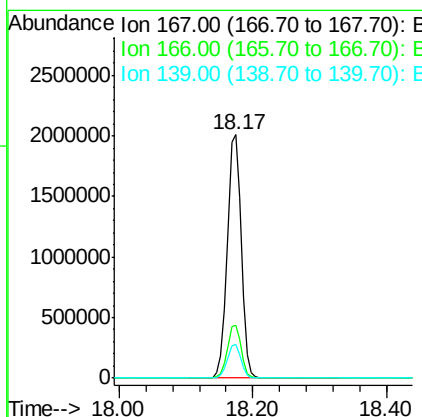
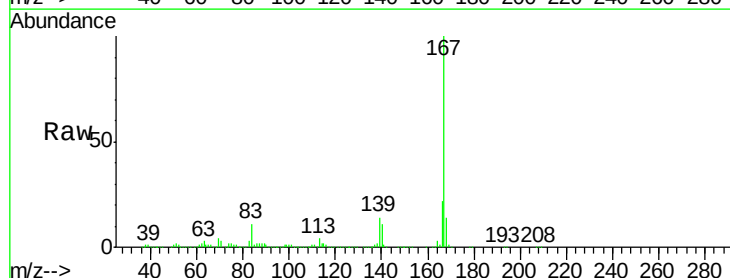
Instrument :
 BNA_N
 ClientSampleId :
 B1MS

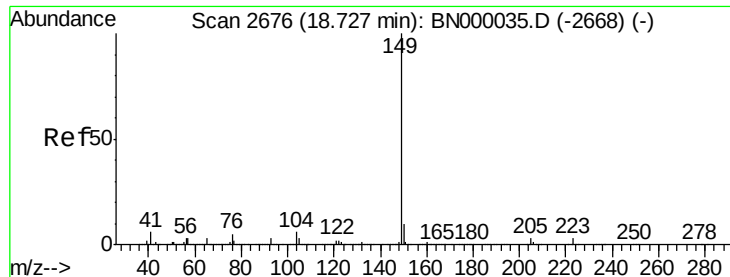
Tot Ion:178 Resp: 3047346
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.0 24.0
 179 15.6 12.5 18.7



#72
 Carbazole
 Concen: 32.877 ng
 RT: 18.17 min Scan# 2582
 Delta R.T. -0.02 min
 Lab File: BN000259.D
 Acq: 06 Mar 2018 12:31

Tgt Ion:167 Resp: 2984449
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.4
 139 13.9 9.4 14.2





#73

Di-n-butylphthalate

Concen: 50.513 ng

RT: 18.70 min Scan# 2671

Delta R.T. -0.03 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Instrument :

BNA_N

ClientSampleId :

B1MS

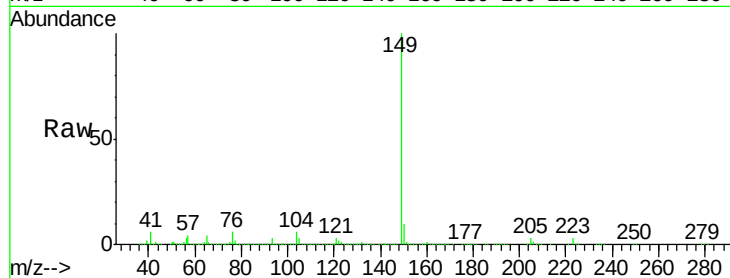
Tot Ion:149 Resp: 5061923

Ion Ratio Lower Upper

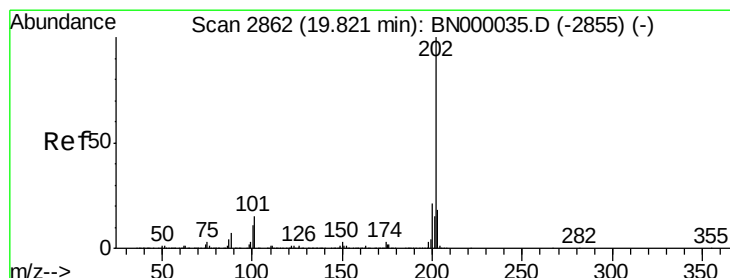
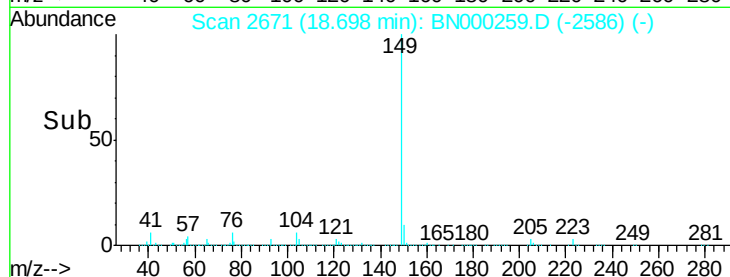
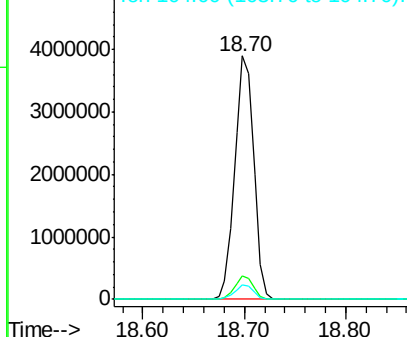
149 100

150 9.7 7.8 11.6

104 5.9 3.9 5.9#



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



#74

Fluoranthene

Concen: 34.117 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

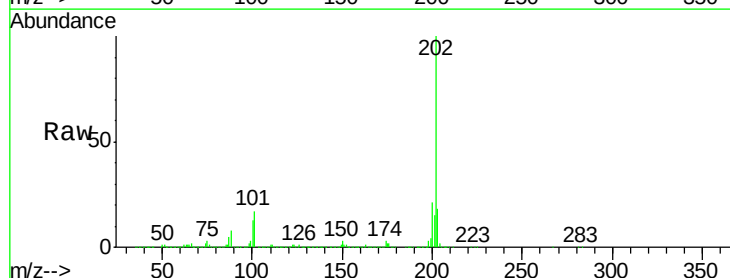
Tgt Ion:202 Resp: 3330709

Ion Ratio Lower Upper

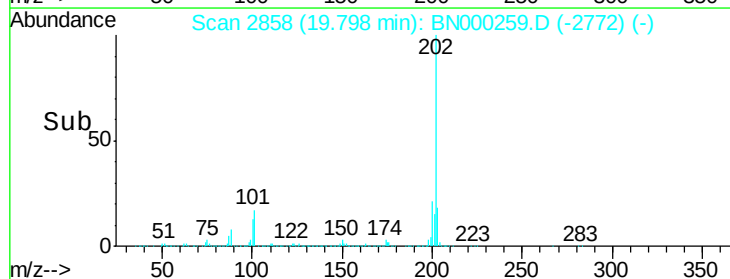
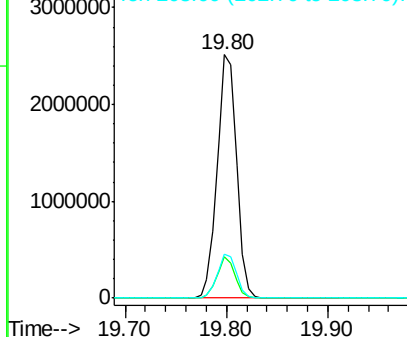
202 100

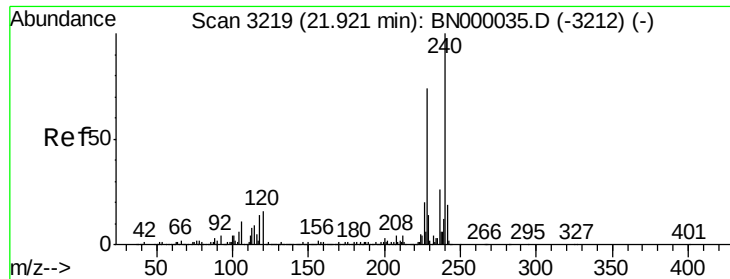
101 16.8 0.0 28.9

203 17.9 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.90 min Scan# 3215

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Instrument :

BNA_N

ClientSampleId :

B1MS

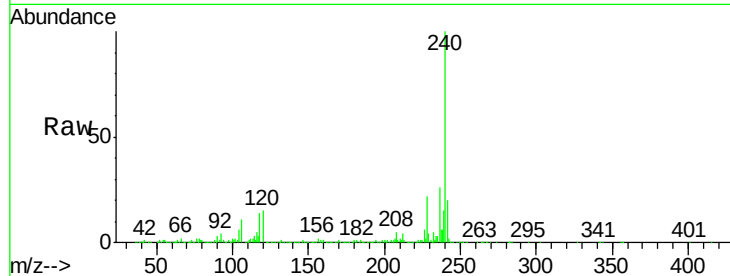
Tot Ion:240 Resp: 1618036

Ion Ratio Lower Upper

240 100

120 15.2 6.8 10.2#

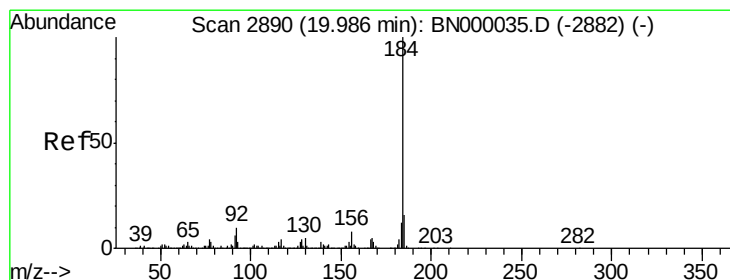
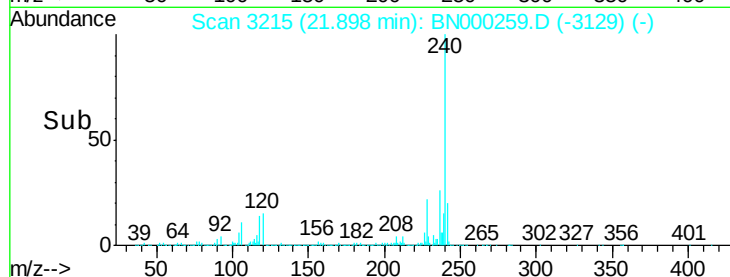
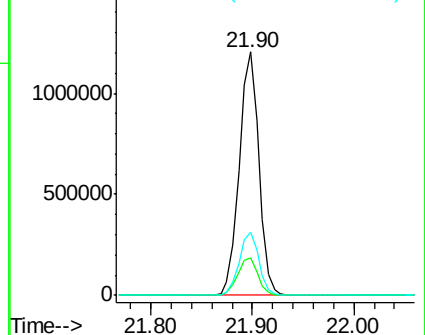
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.613 ng

RT: 19.96 min Scan# 2886

Delta R.T. -0.02 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

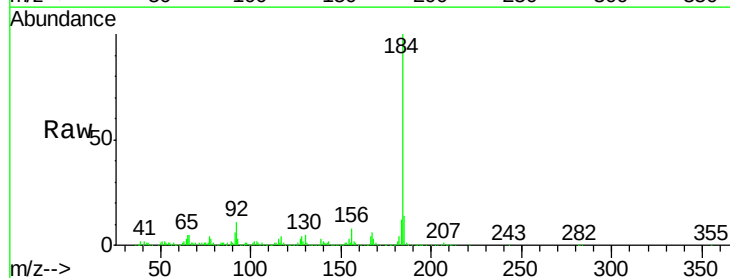
Tgt Ion:184 Resp: 1269496

Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

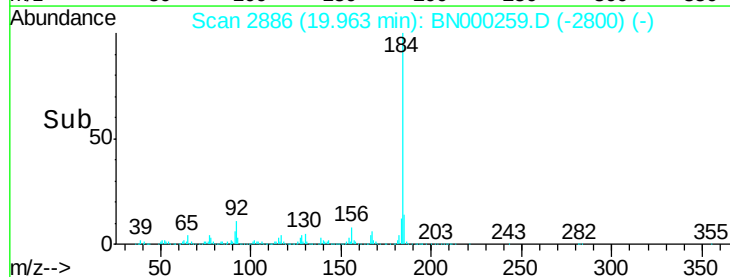
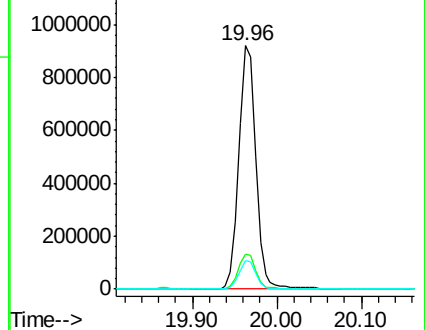
183 11.7 10.6 16.0

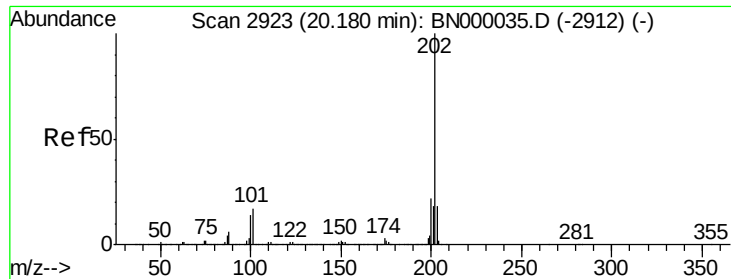


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

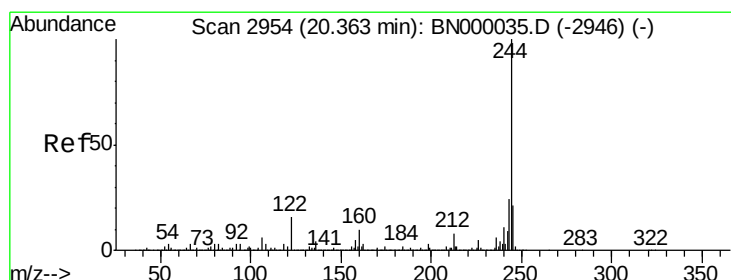
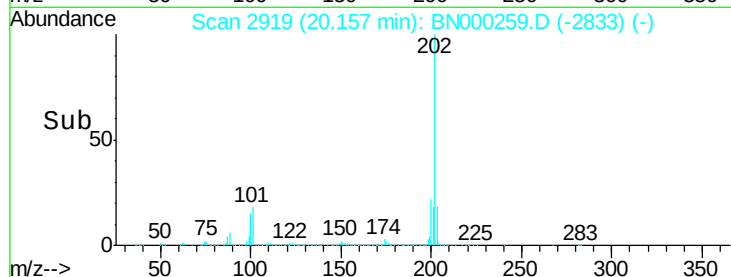
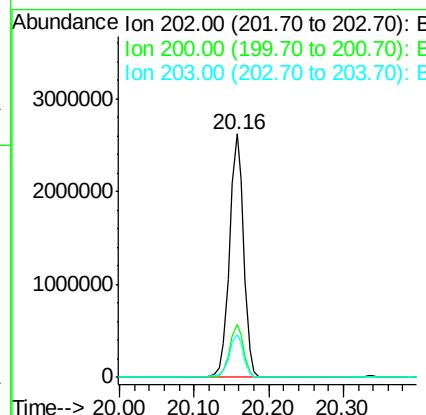
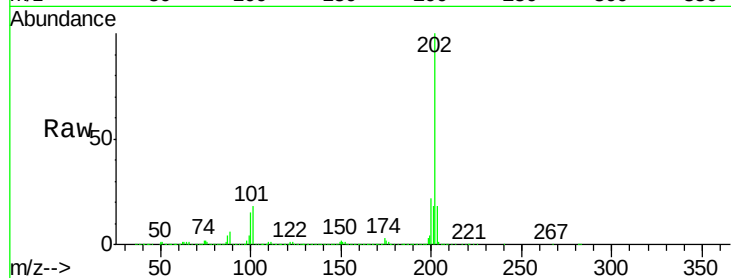




#77
Pvrene
Concen: 33.749 ng
RT: 20.16 min Scan# 2919
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

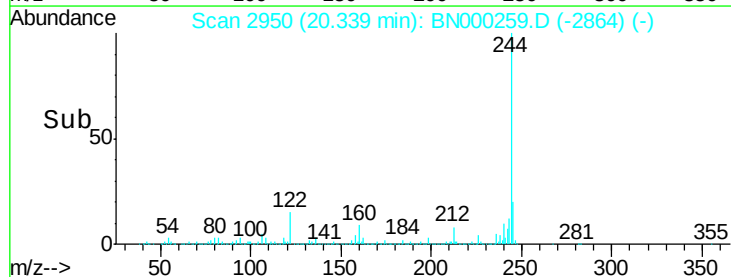
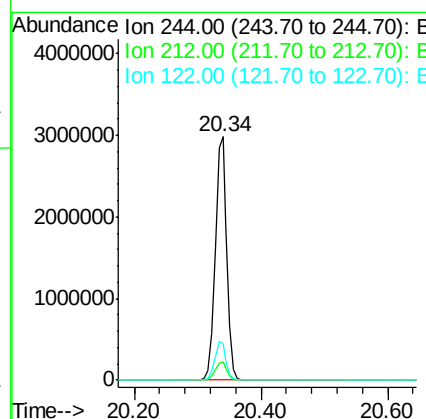
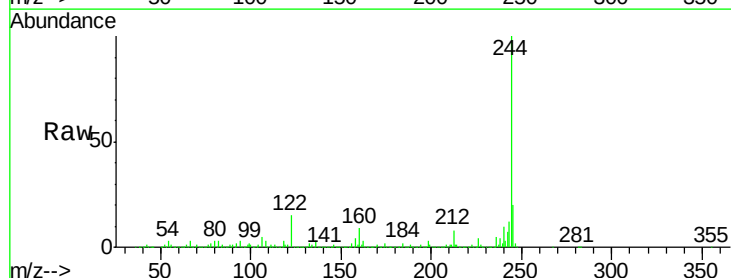
Instrument :
BNA_N
ClientSampleId :
B1MS

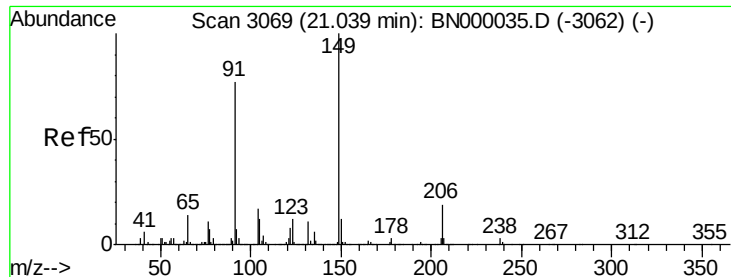
Tot Ion:202 Resp: 3470578
Ion Ratio Lower Upper
202 100
200 21.7 16.9 25.3
203 17.7 13.9 20.9



#78
Terphenyl-d14
Concen: 64.445 ng
RT: 20.34 min Scan# 2950
Delta R.T. -0.02 min
Lab File: BN000259.D
Acq: 06 Mar 2018 12:31

Tgt Ion:244 Resp: 3861788
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 14.8 7.0 10.4#





#79

Butylbenzylphthalate

Concen: 36.465 ng

RT: 21.01 min Scan# 3064

Delta R.T. -0.03 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Instrument :

BNA_N

ClientSampleId :

B1MS

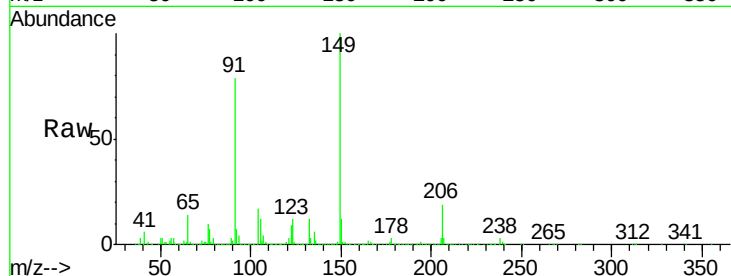
Tot Ion:149 Resp: 1707965

Ion Ratio Lower Upper

149 100

91 79.1 62.2 93.2

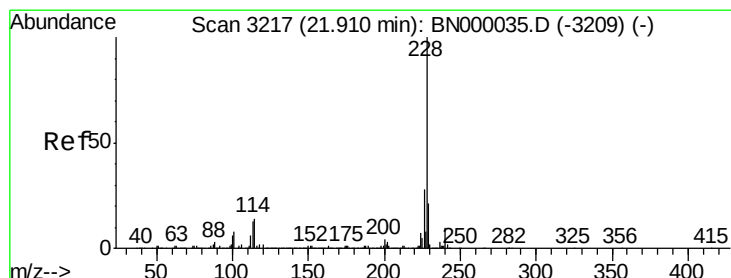
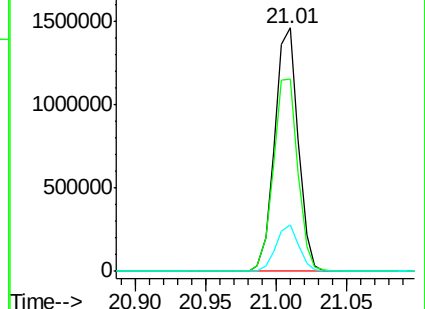
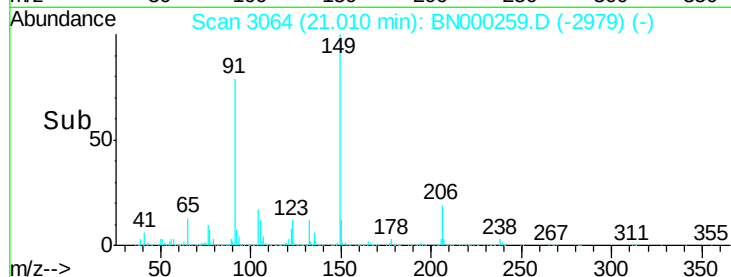
206 18.9 18.6 27.8



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



#80

Benzo(a)anthracene

Concen: 34.057 ng

RT: 21.88 min Scan# 3212

Delta R.T. -0.03 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

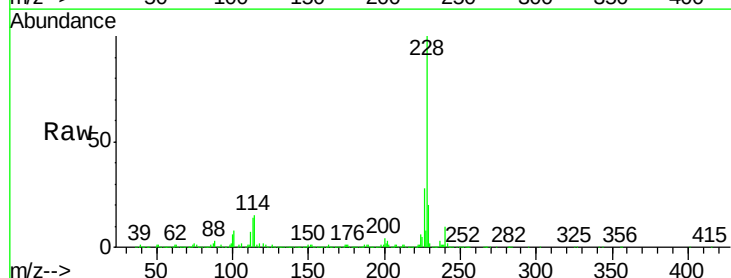
Tgt Ion:228 Resp: 3386989

Ion Ratio Lower Upper

228 100

226 27.7 22.7 34.1

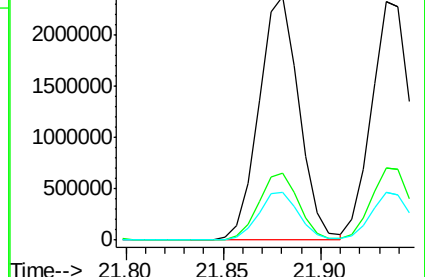
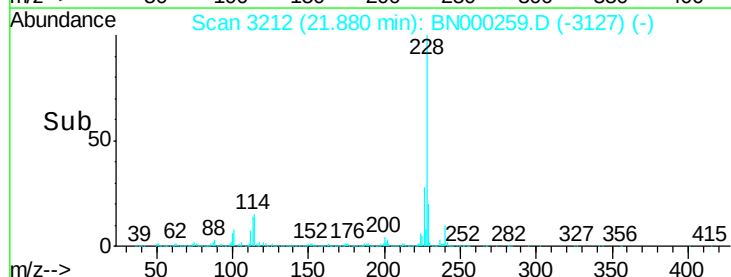
229 19.7 16.2 24.2

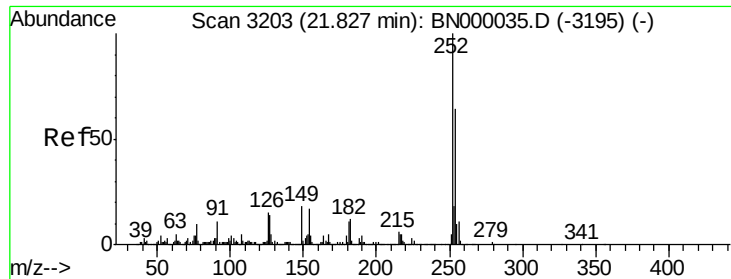


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

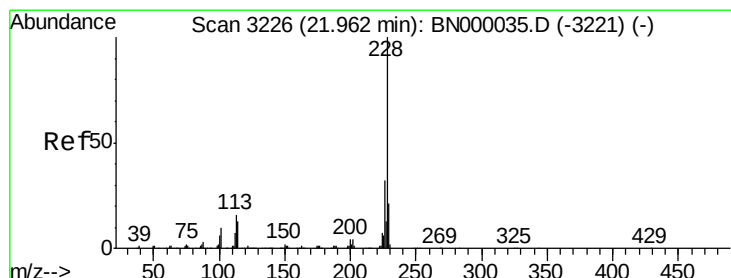
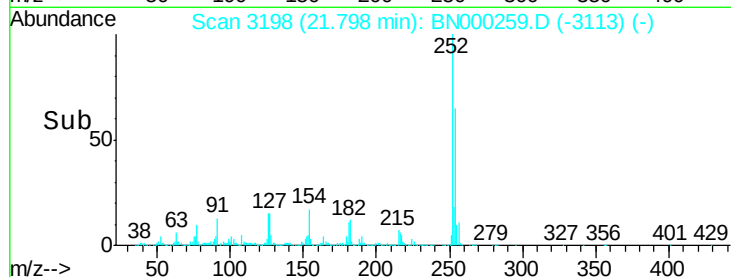
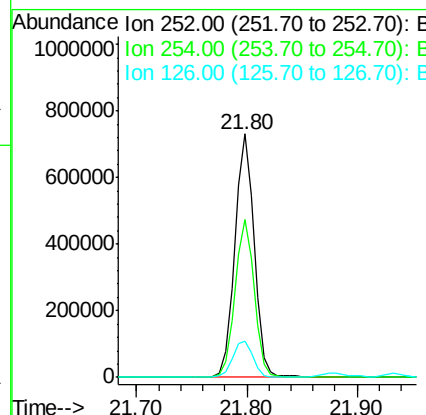
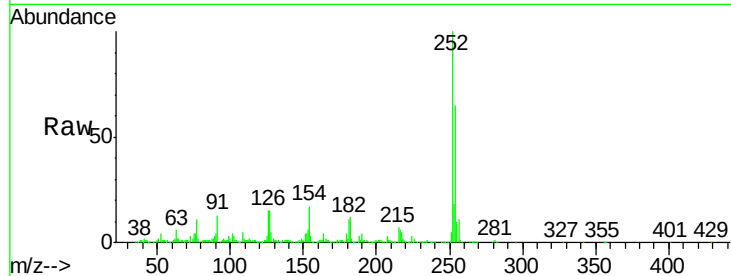




#81
 3,3'-Dichlorobenzidine
 Concen: 24.777 ng
 RT: 21.80 min Scan# 3198
 Delta R.T. -0.03 min
 Lab File: BN000259.D
 Acq: 06 Mar 2018 12:31

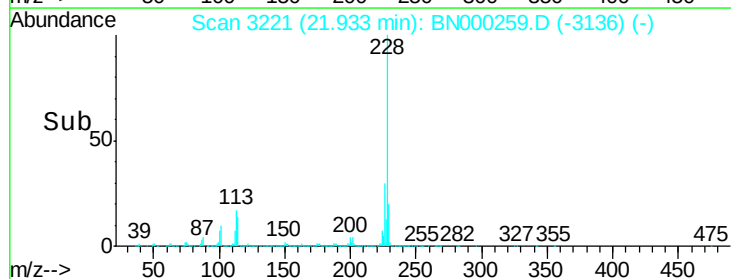
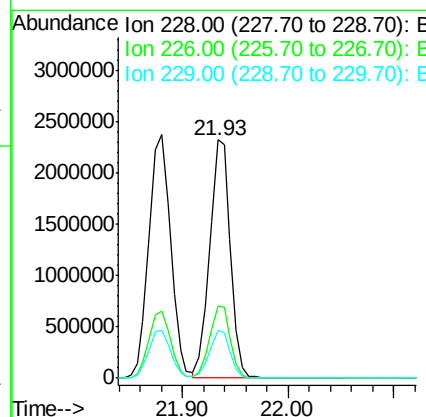
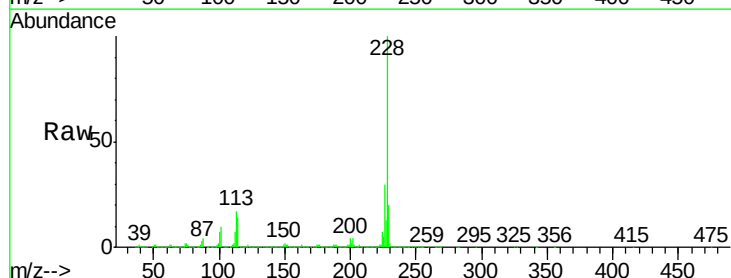
Instrument :
 BNA_N
 ClientSampleId :
 B1MS

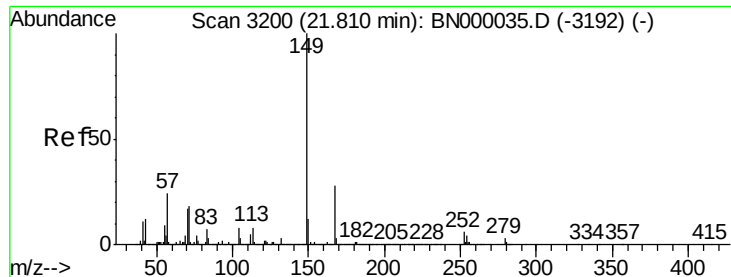
Tot Ion:252 Resp: 905059
 Ion Ratio Lower Upper
 252 100
 254 64.6 50.8 76.2
 126 15.1 7.4 11.2#



#82
 Chrysene
 Concen: 32.019 ng
 RT: 21.93 min Scan# 3221
 Delta R.T. -0.03 min
 Lab File: BN000259.D
 Acq: 06 Mar 2018 12:31

Tgt Ion:228 Resp: 3173345
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.9 37.3
 229 20.1 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.401 ng

RT: 21.76 min Scan# 3192

Delta R.T. -0.05 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Instrument :

BNA_N

ClientSampled :

B1MS

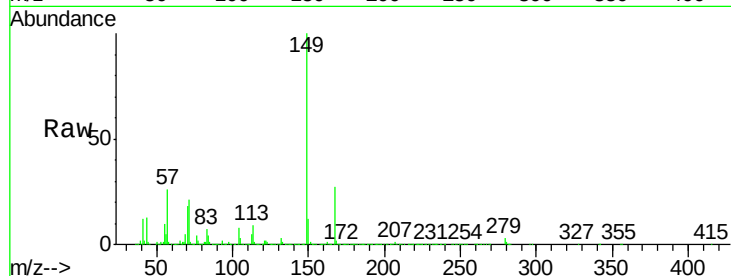
Tot Ion:149 Resp: 2581275

Ion Ratio Lower Upper

149 100

167 27.2 24.3 36.5

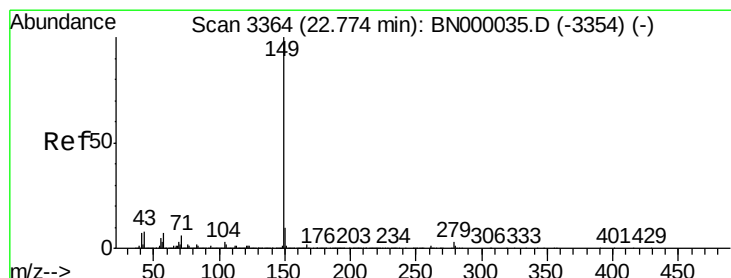
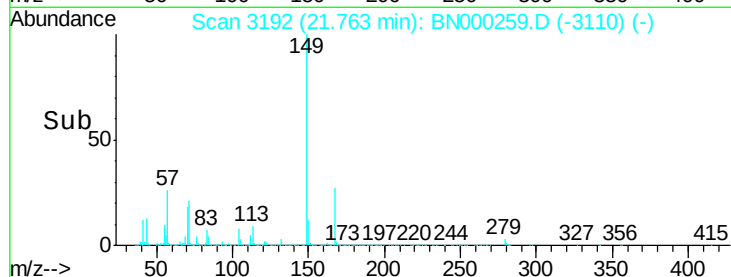
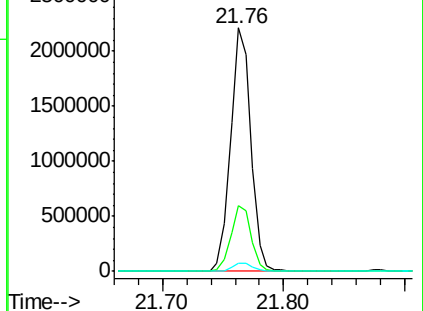
279 3.4 4.0 6.0#



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



#84

Di-n-octyl phthalate

Concen: 37.998 ng

RT: 22.72 min Scan# 3354

Delta R.T. -0.06 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

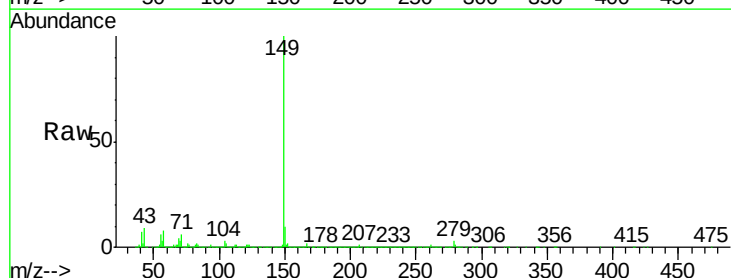
Tgt Ion:149 Resp: 4465111

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

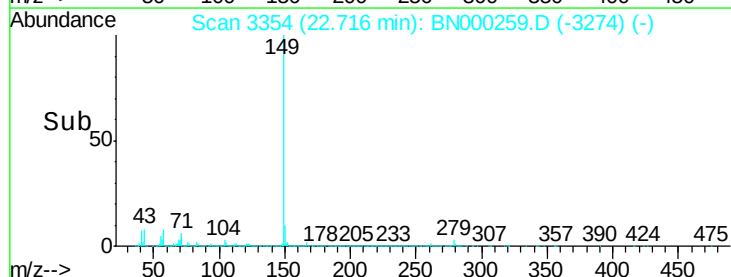
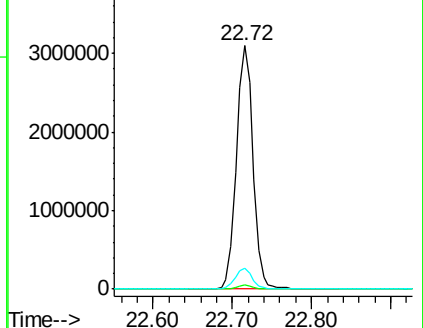
43 8.5 8.9 13.3#

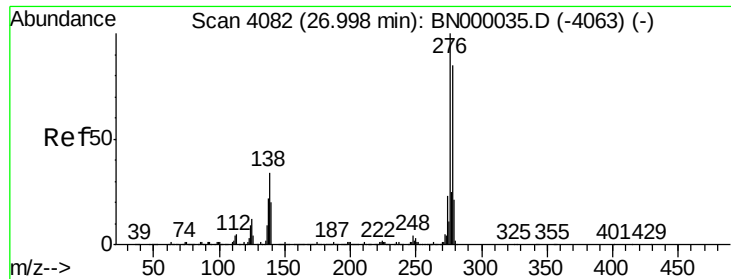


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC





#85

Indeno(1,2,3-cd)pyrene

Concen: 30.673 ng

RT: 26.94 min Scan# 4072

Delta R.T. -0.06 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Instrument :

BNA_N

ClientSampled :

B1MS

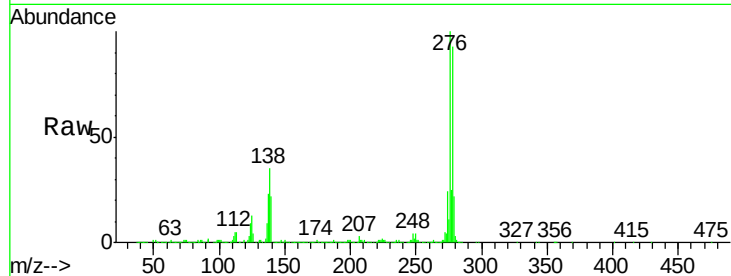
Tot Ion:276 Resp: 3734217

Ion Ratio Lower Upper

276 100

138 34.5 16.0 24.0#

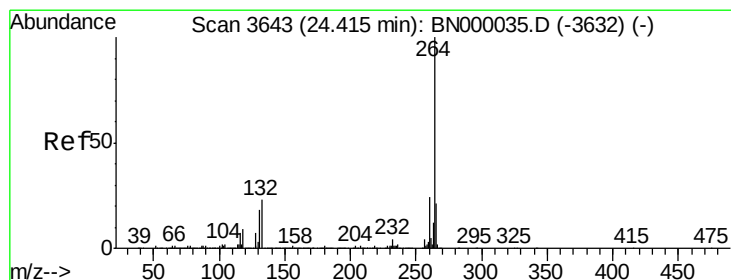
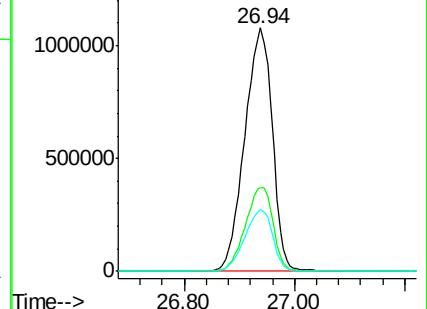
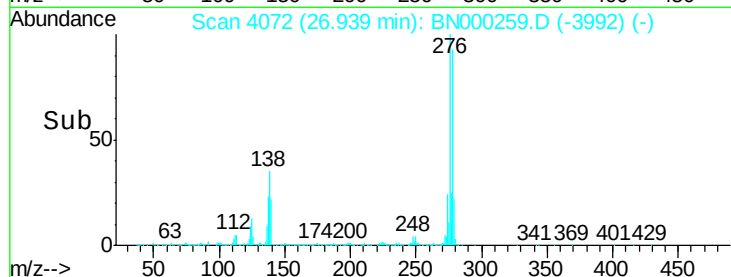
277 25.5 20.0 30.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.37 min Scan# 3636

Delta R.T. -0.04 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

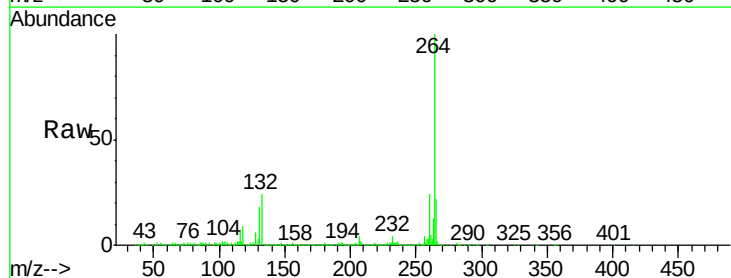
Tgt Ion:264 Resp: 1794746

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

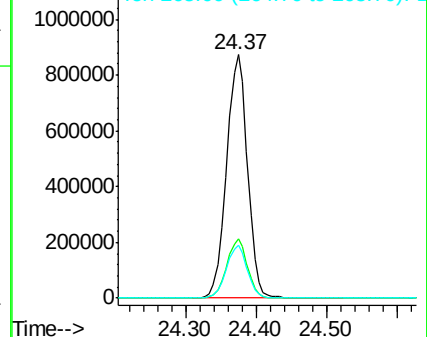
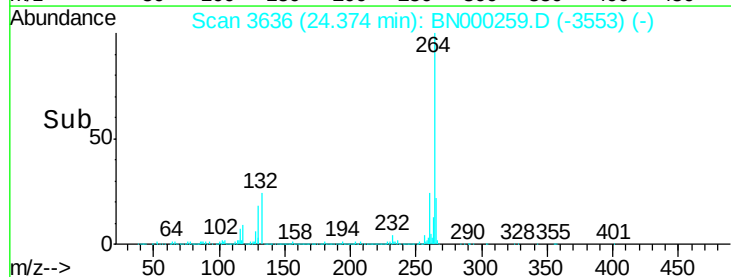
265 21.9 17.7 26.5

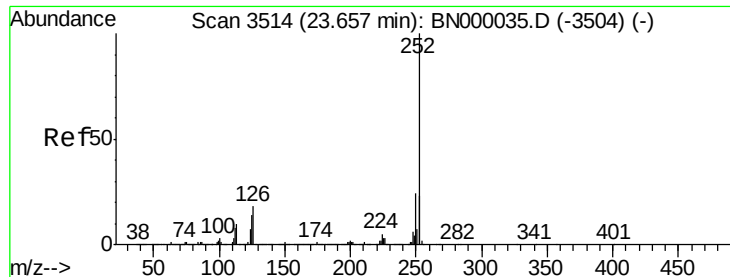


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 33.961 ng

RT: 23.62 min Scan# 3508

Delta R.T. -0.04 min

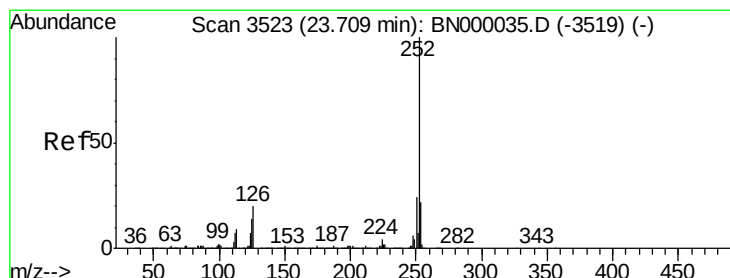
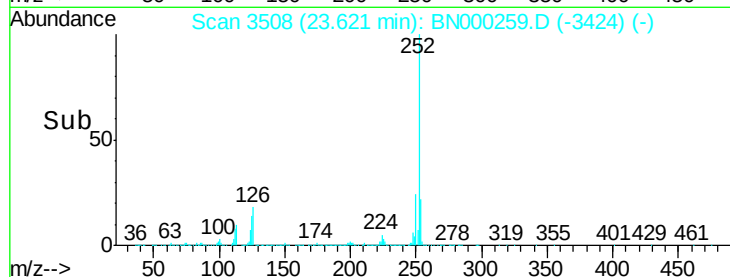
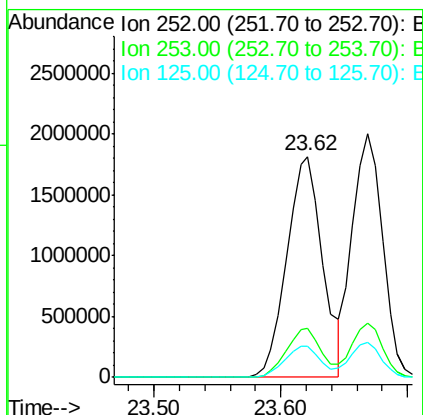
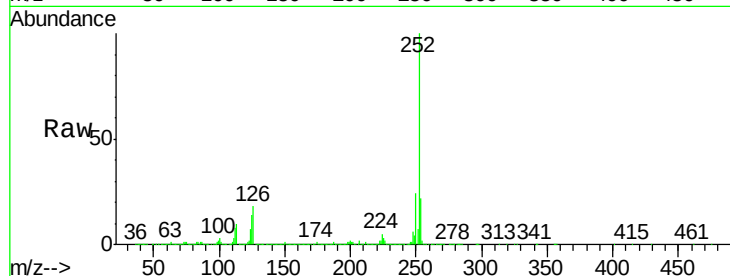
Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Instrument :
BNA_N
ClientSampleId :
B1MS

Tot Ion:252 Resp: 3567648

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	14.0	7.2	10.8#



#88

Benzo(k)fluoranthene

Concen: 31.396 ng

RT: 23.67 min Scan# 3516

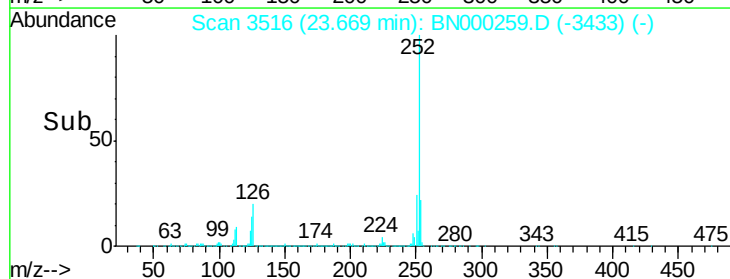
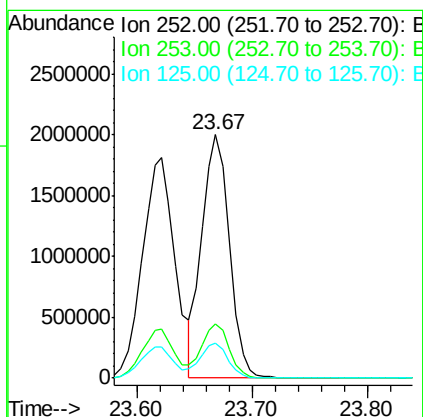
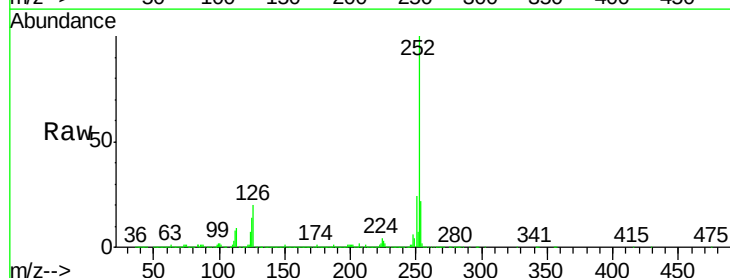
Delta R.T. -0.04 min

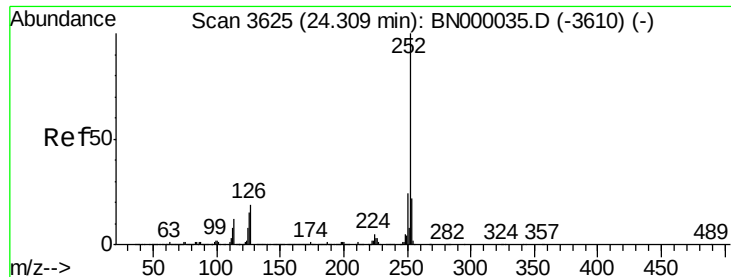
Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Tgt Ion:252 Resp: 3321787

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	14.2	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 33.669 ng

RT: 24.26 min Scan# 3617

Delta R.T. -0.05 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

Instrument :

BNA_N

ClientSampleId :

B1MS

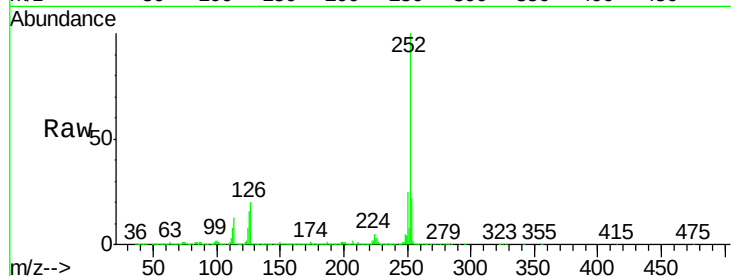
Tot Ion:252 Resp: 3391961

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

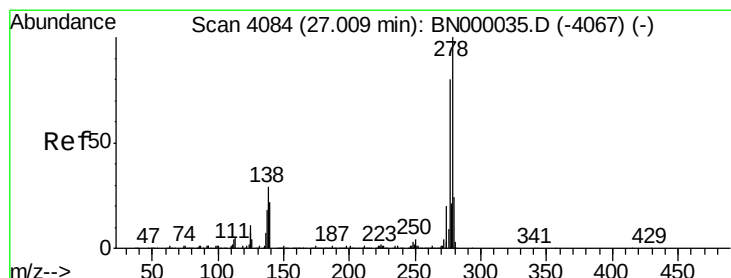
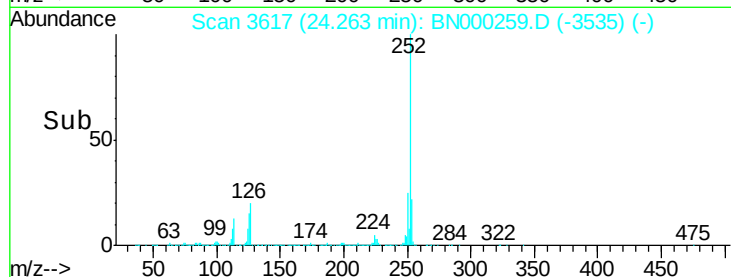
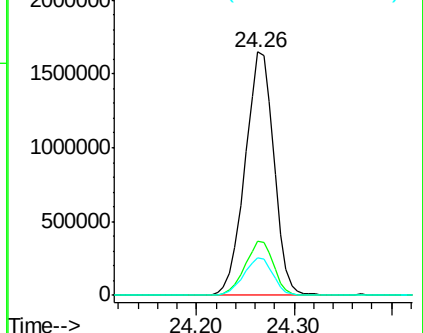
125 15.5 7.3 10.9#



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



#90

Dibenzo(a,h)anthracene

Concen: 29.771 ng

RT: 26.95 min Scan# 4074

Delta R.T. -0.06 min

Lab File: BN000259.D

Acq: 06 Mar 2018 12:31

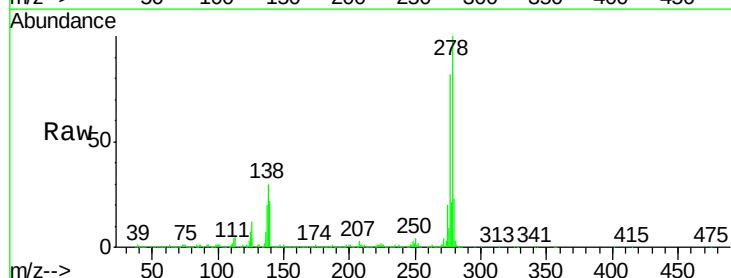
Tgt Ion:278 Resp: 3136440

Ion Ratio Lower Upper

278 100

139 21.6 9.8 14.6#

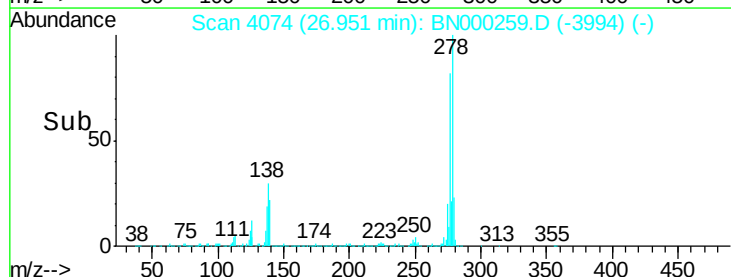
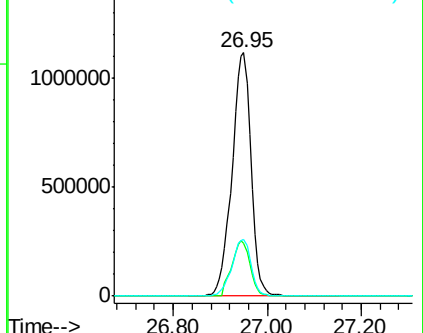
279 23.2 18.4 27.6

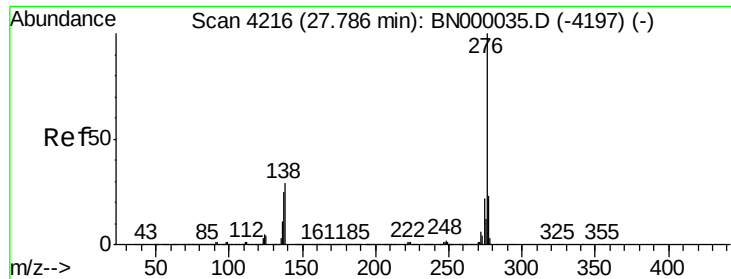


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 28.681 ng
 RT: 27.73 min Scan# 4206
 Delta R.T. -0.06 min
 Lab File: BN000259.D
 Acq: 06 Mar 2018 12:31

Instrument :
 BNA_N
 ClientSampleId :
 B1MS

Tot Ion:276 Resp: 3055409
 Ion Ratio Lower Upper
 276 100
 277 23.1 18.3 27.5
 138 30.1 13.9 20.9#

