

Data Path : Z:\HPCHEM1\BNA N\DATA\BN030618\
 Data File : BN000263.D
 Acq On : 06 Mar 2018 14:49
 Operator : JU/SJ
 Sample : PB107073BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 07 04:28:30 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	244678	20.00	ng	-0.02
21) Naphthalene-d8	11.29	136	1203912	20.00	ng	-0.02
38) Acenaphthene-d10	15.06	164	679460	20.00	ng	-0.02
63) Phenanthrene-d10	17.78	188	1381460	20.00	ng	-0.02
75) Chrysene-d12	21.90	240	1369575	20.00	ng	-0.02
86) Perylene-d12	24.37	264	1450334	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.93	112	2523616	168.09	ng	-0.02
7) Phenol-d6	7.58	99	3495717	153.72	ng	-0.01
23) Nitrobenzene-d5	9.63	82	2000631	98.80	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	904759	134.52	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	4147286	86.03	ng	-0.02
78) Terphenyl-d14	20.34	244	5064417	99.85	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.64	88	199506	33.025	ng	98
3) Pyridine	4.08	79	613249	32.612	ng	97
4) n-Nitrosodimethylamine	3.99	42	236175	44.411	ng	# 90
6) Aniline	7.75	93	675320	21.555	ng	93
8) 2-Chlorophenol	8.00	128	832999	47.446	ng	88
9) Benzaldehyde	7.56	77	253737	17.935	ng	90
10) Phenol	7.60	94	1175053	48.949	ng	87
11) bis(2-Chloroethyl)ether	7.85	93	816967	41.379	ng	# 84
12) 1,3-Dichlorobenzene	8.33	146	726013	36.394	ng	99
13) 1,4-Dichlorobenzene	8.49	146	749212	36.777	ng	98
14) 1,2-Dichlorobenzene	8.81	146	733801	36.592	ng	96
15) Benzyl Alcohol	8.68	79	757805	46.362	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.97	45	856046	40.964	ng	81
17) 2-Methylphenol	8.88	107	768167	45.030	ng	96
18) Hexachloroethane	9.55	117	277563	39.139	ng	# 79
19) n-Nitroso-di-n-propylamine	9.26	70	625281	41.033	ng	# 82
20) 3+4-Methylphenols	9.21	107	1047208	43.892	ng	94
22) Acetophenone	9.28	105	1256610	37.248	ng	# 88
24) Nitrobenzene	9.68	77	954984	43.141	ng	# 94
25) Isophorone	10.19	82	1806002	43.147	ng	98
26) 2-Nitrophenol	10.39	139	387944	43.550	ng	93
27) 2,4-Dimethylphenol	10.43	122	880581	48.526	ng	96
28) bis(2-Chloroethoxy)methane	10.67	93	1175204	43.777	ng	97
29) 2,4-Dichlorophenol	10.92	162	755874	45.009	ng	97
30) 1,2,4-Trichlorobenzene	11.15	180	699258	36.157	ng	98
31) Naphthalene	11.34	128	2488841	37.708	ng	98
32) Benzoic acid	10.55	122	486308	38.708	ng	92
33) 4-Chloroaniline	11.43	127	572201	19.735	ng	96
34) Hexachlorobutadiene	11.61	225	347486	34.650	ng	99
35) Caprolactam	12.19	113	282341	39.261	ng	97
36) 4-Chloro-3-methylphenol	12.53	107	934249	43.818	ng	98
37) 2-Methylnaphthalene	12.92	142	1779557	38.750	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	746937	37.244	ng	# 95
40) Hexachlorocyclopentadiene	13.25	237	692747	82.863	ng	94

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

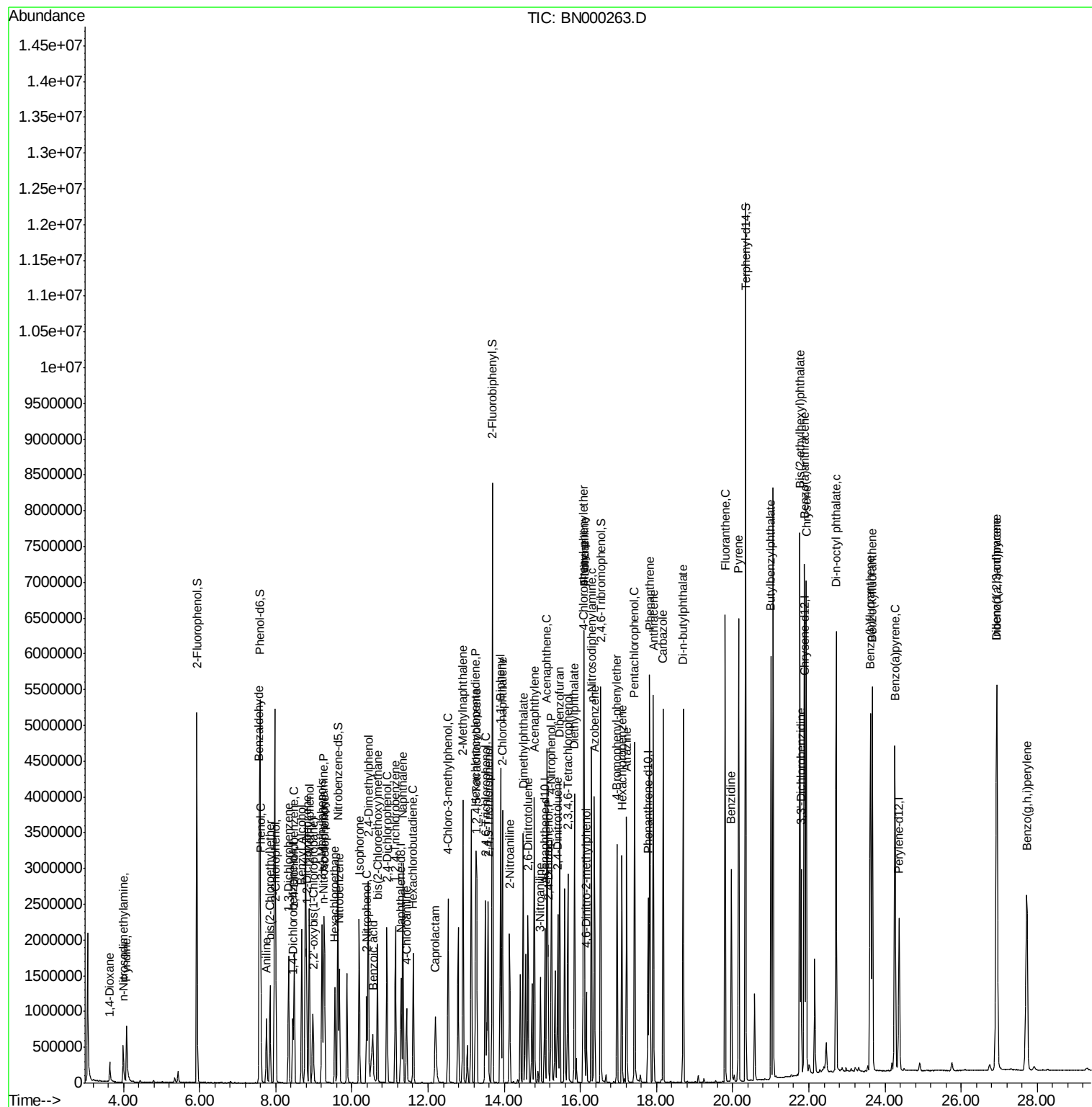
42) 2,4,6-Trichlorophenol	13.50	196	531796	44.242	nq	98
43) 2,4,5-Trichlorophenol	13.57	196	592157	40.980	nq	# 93
45) 1,1'-Biphenyl	13.90	154	2259337	37.755	nq	97
46) 2-Chloronaphthalene	13.95	162	1707575	38.030	nq	97
47) 2-Nitroaniline	14.14	65	563701	43.331	nq	88
48) Acenaphthylene	14.79	152	2800392	38.711	nq	98
49) Dimethylphthalate	14.50	163	2129660	37.495	nq	100
50) 2,6-Dinitrotoluene	14.62	165	467449	39.866	nq	94
51) Acenaphthene	15.12	154	1895522	40.254	nq	99
52) 3-Nitroaniline	14.95	138	345926	24.270	nq	# 93
53) 2,4-Dinitrophenol	15.15	184	347906	83.234	nq	# 1
54) Dibenzofuran	15.45	168	2584123	38.749	nq	95
55) 4-Nitrophenol	15.24	139	908747	77.939	nq	# 86
56) 2,4-Dinitrotoluene	15.40	165	650749	39.572	nq	91
57) Fluorene	16.10	166	2078235	38.165	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.67	232	495194	43.423	nq	# 84
59) Diethylphthalate	15.85	149	2204033	38.185	nq	97
60) 4-Chlorophenyl-phenylether	16.08	204	939508	37.860	nq	93
61) 4-Nitroaniline	16.10	138	537508	36.702	nq	92
62) Azobenzene	16.37	77	2424100	42.190	nq	89
64) 4,6-Dinitro-2-methylphenol	16.16	198	232121	37.757	nq	90
65) n-Nitrosodiphenylamine	16.29	169	1828594	40.680	nq	98
66) 4-Bromophenyl-phenylether	16.97	248	534022	40.650	nq	# 88
67) Hexachlorobenzene	17.09	284	575288	37.498	nq	# 87
68) Atrazine	17.22	200	581353	39.738	nq	95
69) Pentachlorophenol	17.43	266	717458	68.799	nq	99
70) Phenanthrene	17.82	178	3197274	39.182	nq	100
71) Anthracene	17.92	178	3270870	41.397	nq	99
72) Carbazole	18.17	167	3093507	38.863	nq	97
73) Di-n-butylphthalate	18.70	149	3683761	41.921	nq	99
74) Fluoranthene	19.80	202	3469405	40.527	nq	93
76) Benzidine	19.96	184	1491039	34.153	nq	97
77) Pyrene	20.16	202	3580145	41.130	nq	99
79) Butylbenzylphthalate	21.01	149	1730330	42.586	nq	98
80) Benzo(a)anthracene	21.88	228	3473471	41.262	nq	100
81) 3,3'-Dichlorobenzidine	21.80	252	734697	23.762	nq	# 97
82) Chrysene	21.93	228	3273188	39.018	nq	98
83) Bis(2-ethylhexyl)phthalate	21.76	149	2551691	42.025	nq	# 94
84) Di-n-octyl phthalate	22.72	149	4533142	45.476	nq	# 94
85) Indeno(1,2,3-cd)pyrene	26.93	276	3696338	35.869	nq	# 85
87) Benzo(b)fluoranthene	23.62	252	3506130	41.301	nq	# 95
88) Benzo(k)fluoranthene	23.67	252	3504745	40.991	nq	# 95
89) Benzo(a)pyrene	24.26	252	3421949	42.033	nq	# 94
90) Dibenzo(a,h)anthracene	26.94	278	3111580	36.549	nq	# 90
91) Benzo(g,h,i)perylene	27.73	276	3005720	34.915	nq	# 88

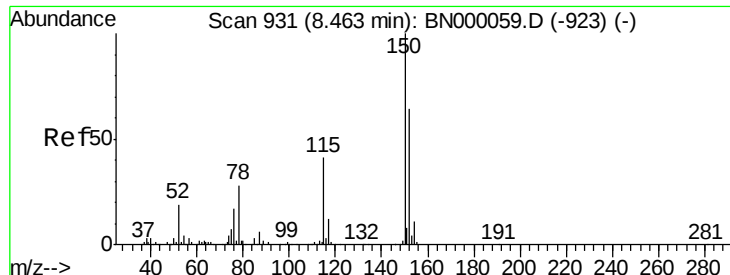
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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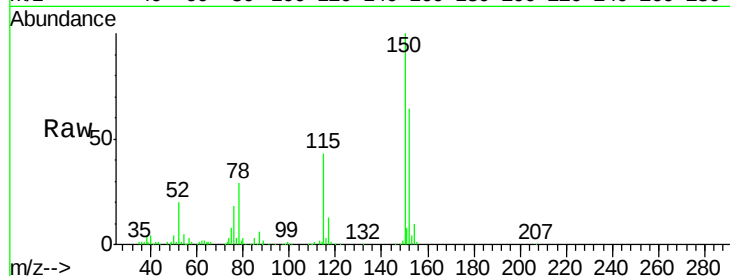


#1

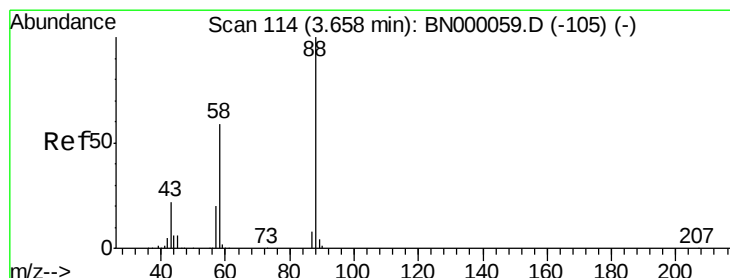
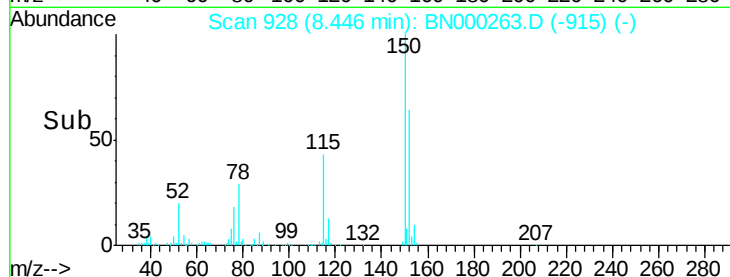
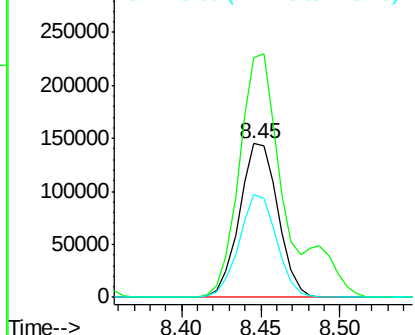
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.02 min
Lab File: BN000263.D
Acq: 06 Mar 2018 14:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 244678
Ion Ratio Lower Upper
152 100
150 156.1 126.6 189.8
115 66.6 53.0 79.4



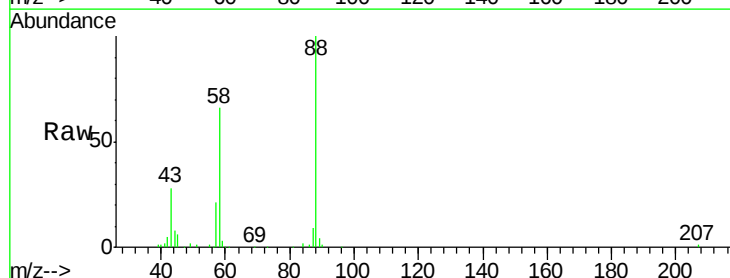
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



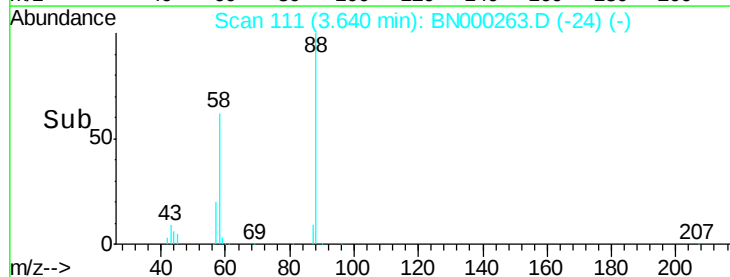
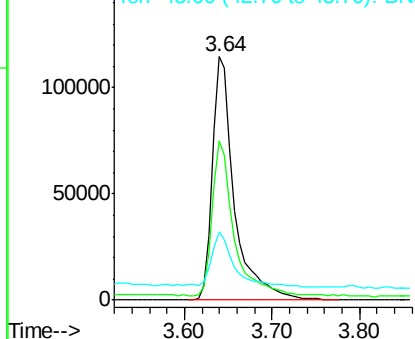
#2

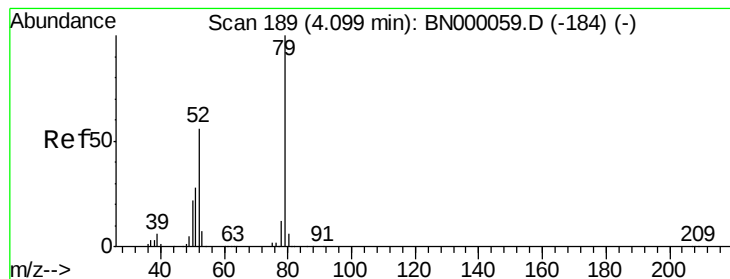
1,4-Dioxane
Concen: 33.025 ng
RT: 3.64 min Scan# 111
Delta R.T. -0.02 min
Lab File: BN000263.D
Acq: 06 Mar 2018 14:49

Tgt Ion: 88 Resp: 199506
Ion Ratio Lower Upper
88 100
58 63.1 52.0 78.0
43 23.9 20.0 30.0



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





#3

Pvridine

Concen: 32.612 ng

RT: 4.08 min Scan# 186

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Instrument :

BNA_N

ClientSampleId :

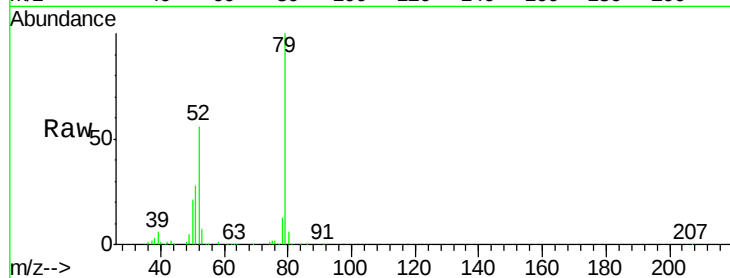
Tot Ion: 79 Resp: 613249

Ion Ratio Lower Upper

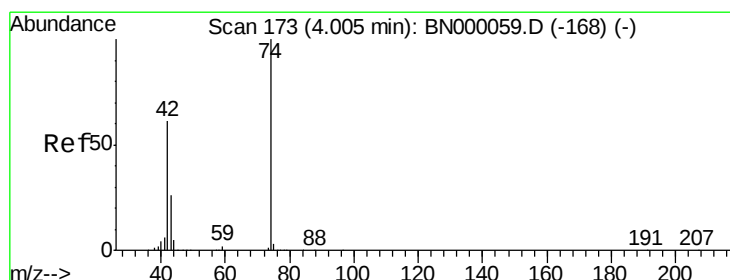
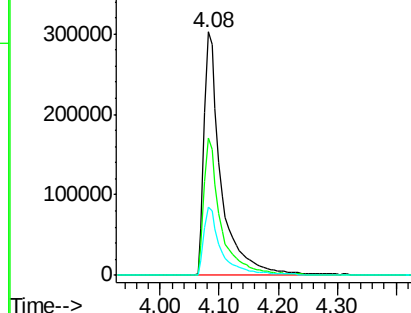
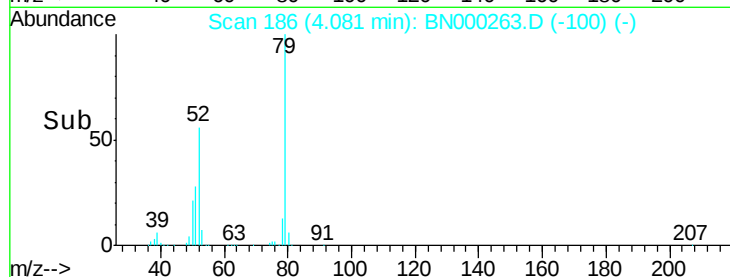
79 100

52 56.4 44.0 66.0

51 27.9 24.0 36.0



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



#4

n-Nitrosodimethylamine

Concen: 44.411 ng

RT: 3.99 min Scan# 171

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

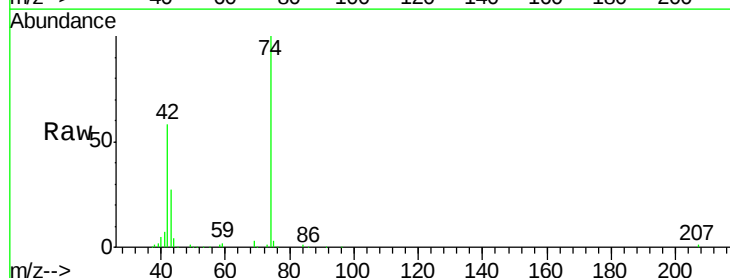
Tgt Ion: 42 Resp: 236175

Ion Ratio Lower Upper

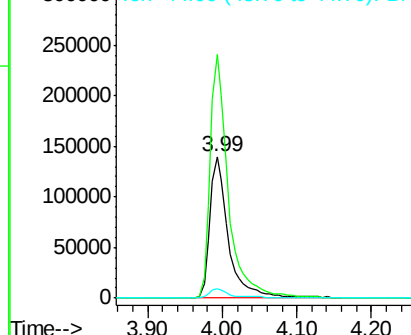
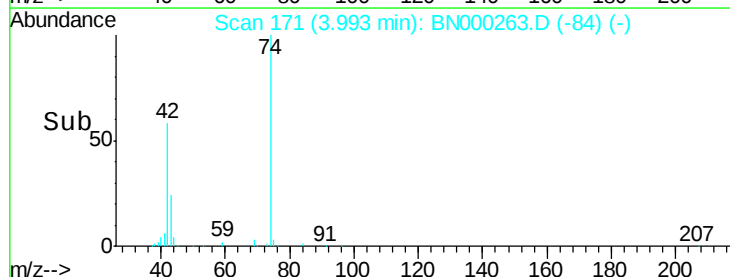
42 100

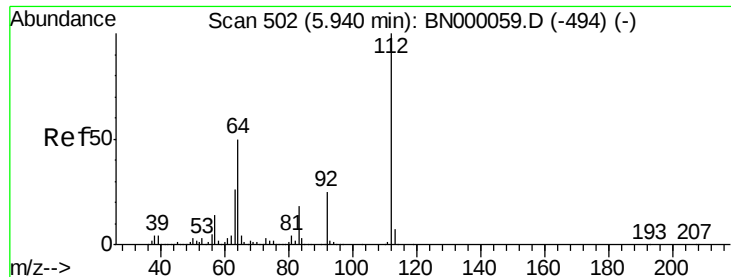
74 172.4 128.0 192.0

44 7.0 12.0 18.0#



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





#5

2-Fluorophenol

Concen: 168.095 ng

RT: 5.93 min Scan# 500

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Instrument :

BNA_N

ClientSampleId :

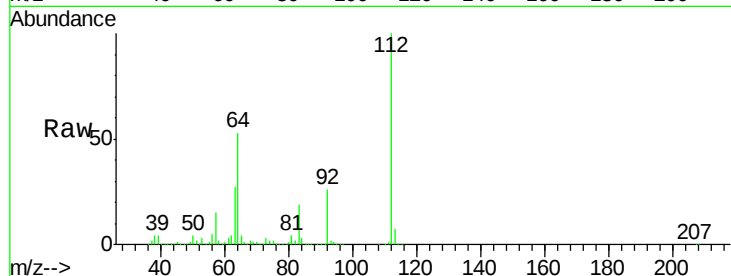
Tot Ion:112 Resp: 2523616

Ion Ratio Lower Upper

112 100

64 53.2 56.3 84.5#

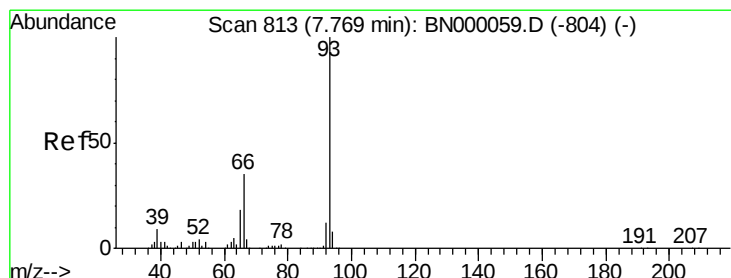
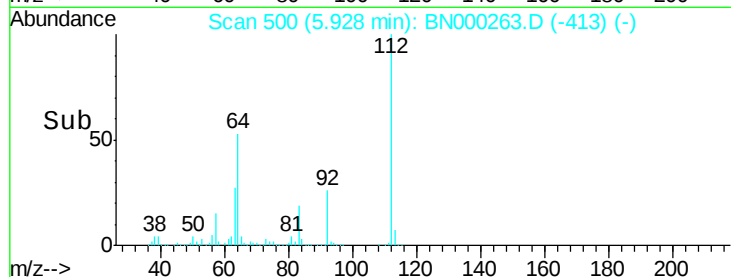
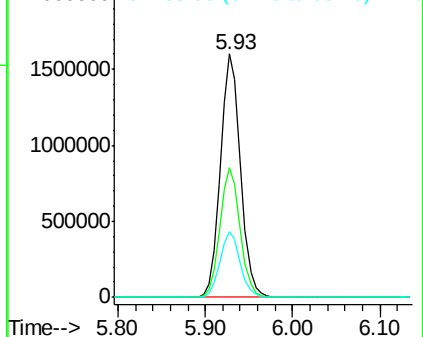
63 27.2 30.1 45.1#



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: 21.555 ng

RT: 7.75 min Scan# 810

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

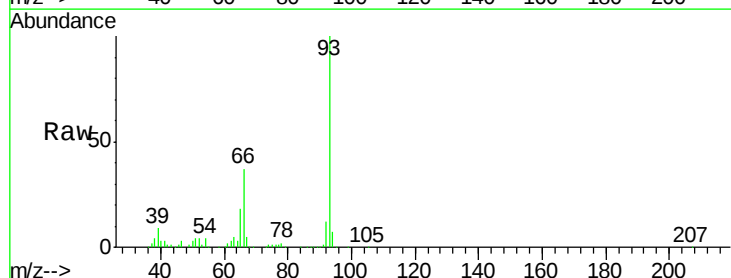
Tgt Ion: 93 Resp: 675320

Ion Ratio Lower Upper

93 100

66 36.7 33.7 50.5

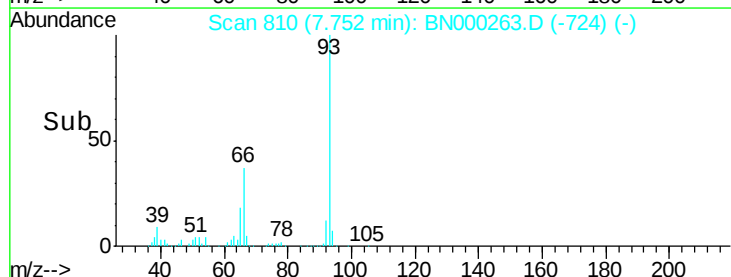
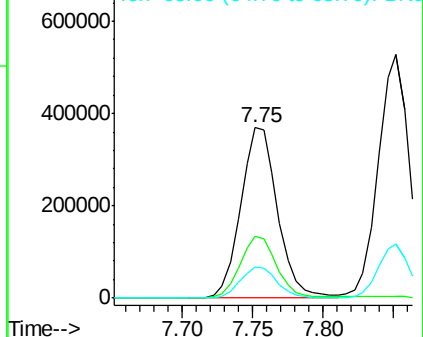
65 18.3 16.1 24.1

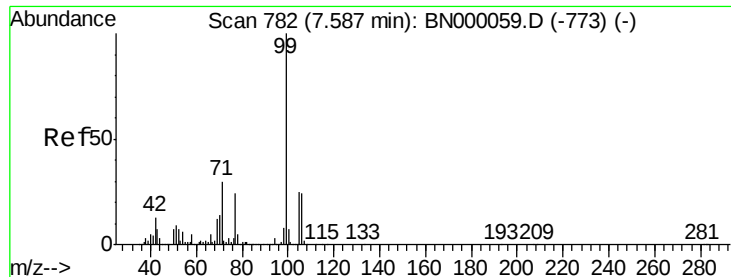


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 153.718 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

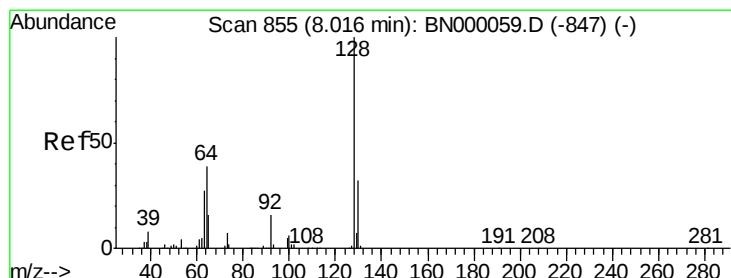
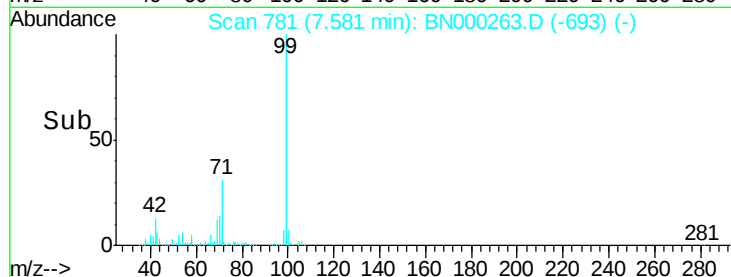
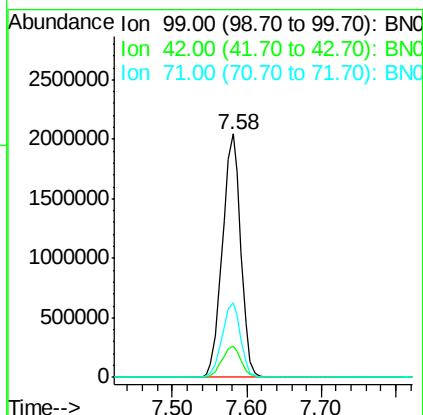
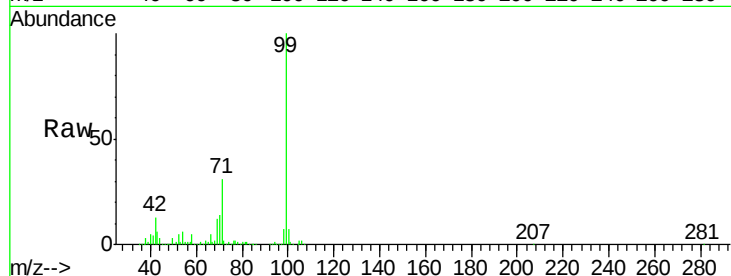
Instrument :

BNA_N

ClientSampled :

Tot Ion: 99 Resp: 3495717

Ion	Ratio	Lower	Upper
99	100		
42	12.9	14.1	21.1#
71	30.6	26.1	39.1



#8

2-Chlorophenol

Concen: 47.446 ng

RT: 8.00 min Scan# 853

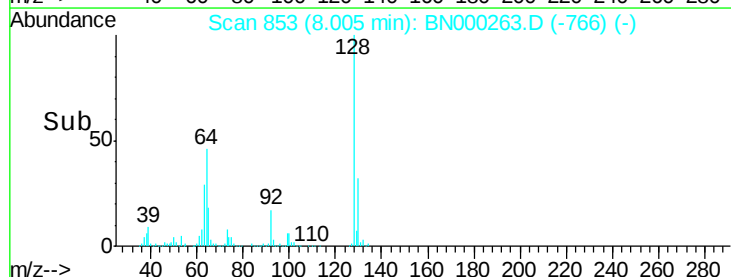
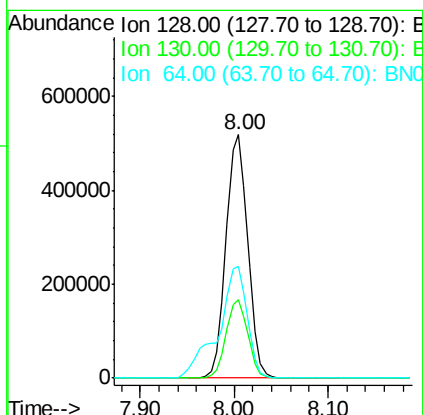
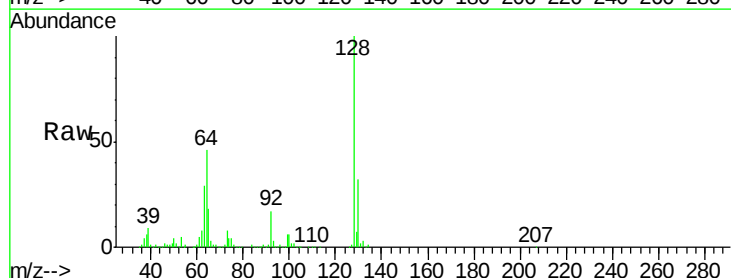
Delta R.T. -0.02 min

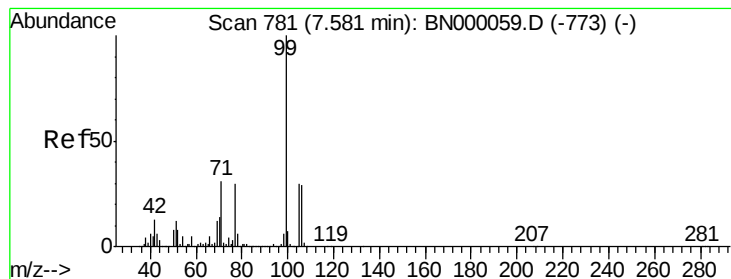
Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Tgt Ion: 128 Resp: 832999

Ion	Ratio	Lower	Upper
128	100		
130	32.0	14.0	54.0
64	45.7	37.7	77.7





#9

Benzaldehyde

Concen: 17.935 ng

RT: 7.56 min Scan# 778

Delta R.T. -0.02 min

Lab File: BN000263.D

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Instrument :

BNA_N

ClientSampled :

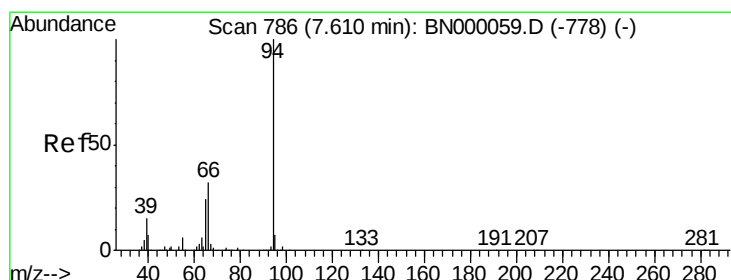
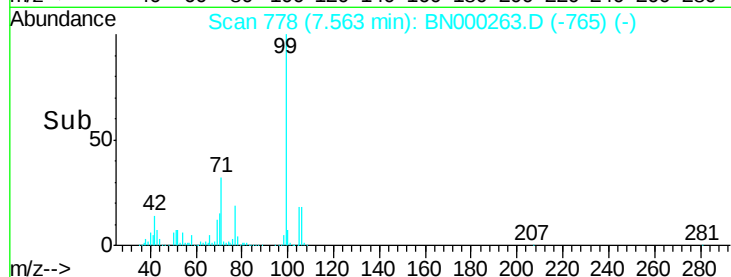
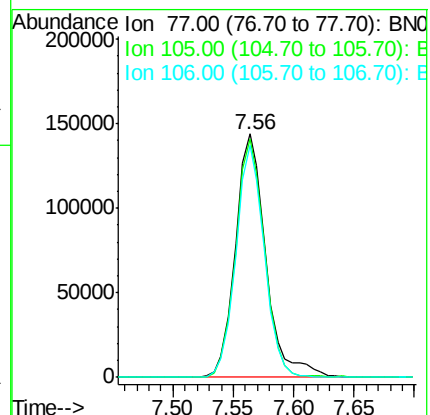
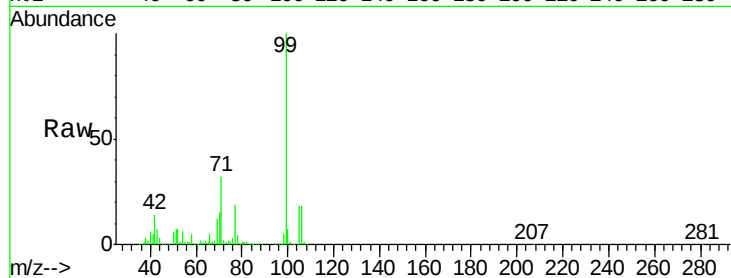
Tot Ion: 77 Resp: 253737

Ion Ratio Lower Upper

77 100

105 97.9 71.3 111.3

106 95.4 64.2 104.2



#10

Phenol

Concen: 48.949 ng

RT: 7.60 min Scan# 785

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

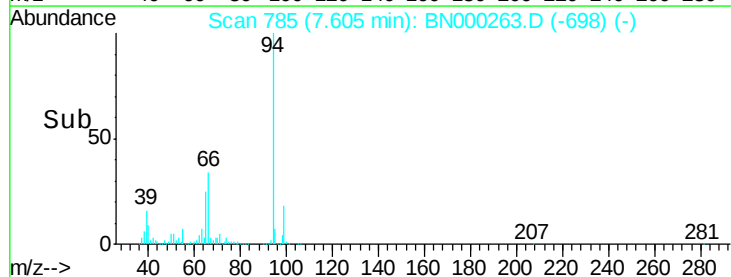
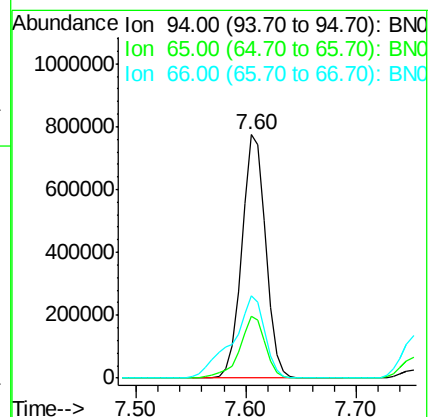
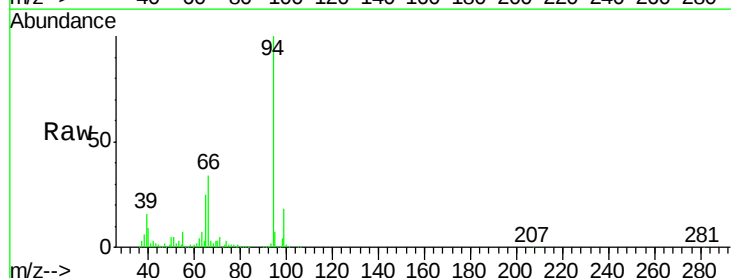
Tgt Ion: 94 Resp: 1175053

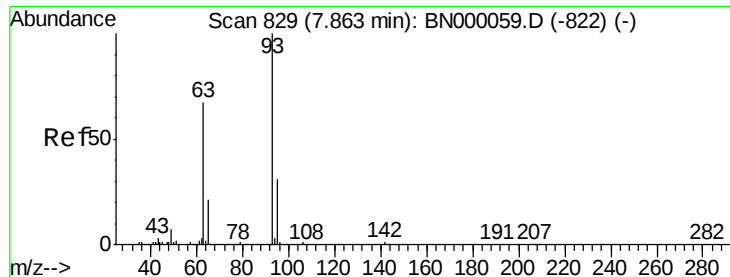
Ion Ratio Lower Upper

94 100

65 25.3 11.9 51.9

66 33.7 22.2 62.2

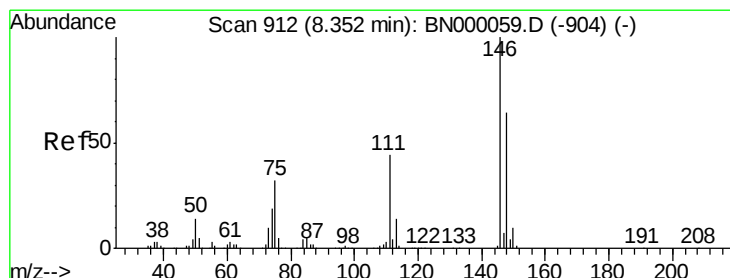
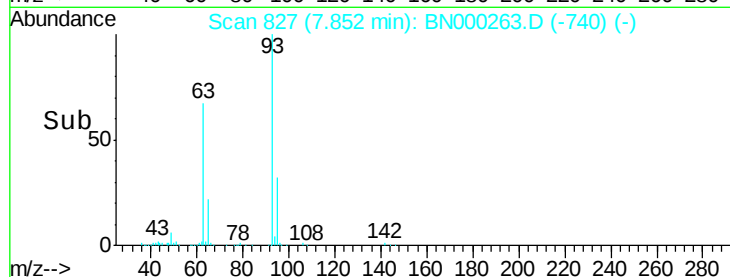
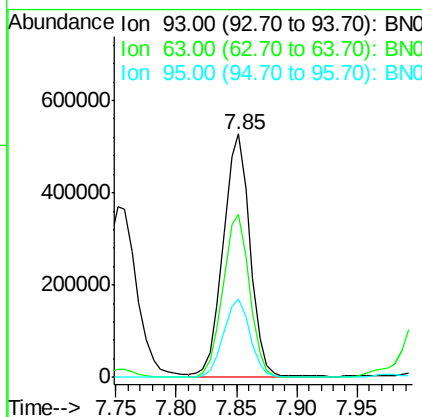
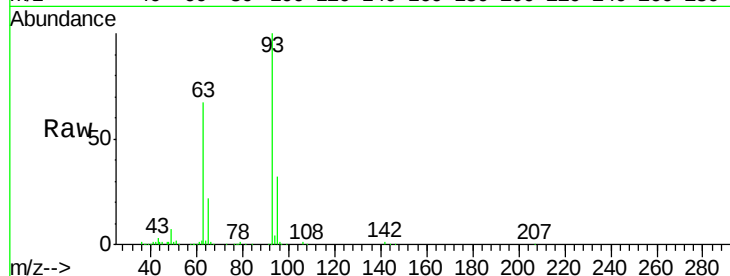




#11
bis(2-Chloroethyl)ether
Concen: 41.379 ng
RT: 7.85 min Scan# 827
Delta R.T. -0.02 min
Lab File: BN000263.D
Acq: 06 Mar 2018 14:49

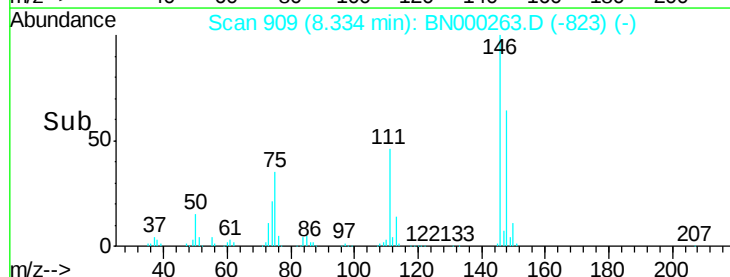
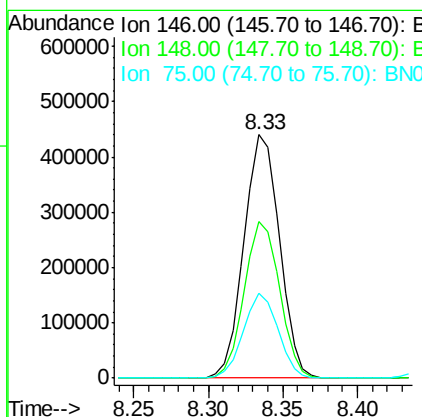
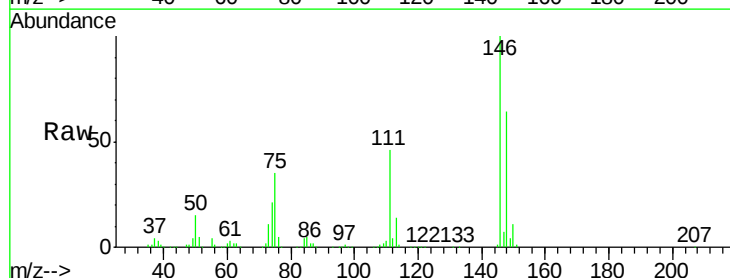
Instrument :
BNA_N
ClientSampleId :

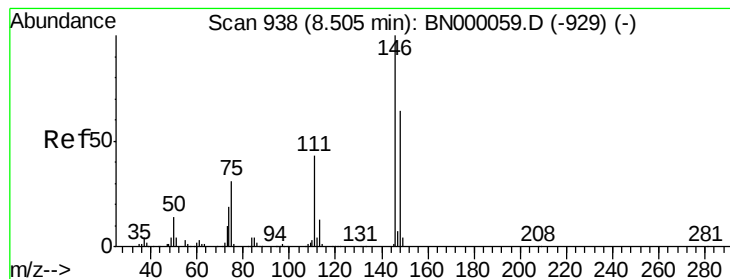
Tot Ion: 93 Resp: 816967
Ion Ratio Lower Upper
93 100
63 66.9 67.1 107.1#
95 32.3 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 36.394 ng
RT: 8.33 min Scan# 909
Delta R.T. -0.02 min
Lab File: BN000263.D
Acq: 06 Mar 2018 14:49

Tgt Ion: 146 Resp: 726013
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.2
75 35.1 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 36.777 ng

RT: 8.49 min Scan# 935

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Instrument :

BNA_N

ClientSampleId :

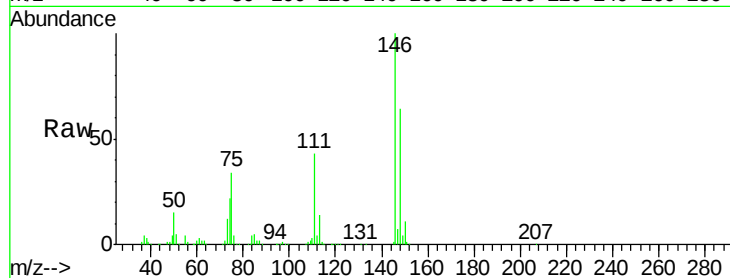
Tot Ion:146 Resp: 749212

Ion Ratio Lower Upper

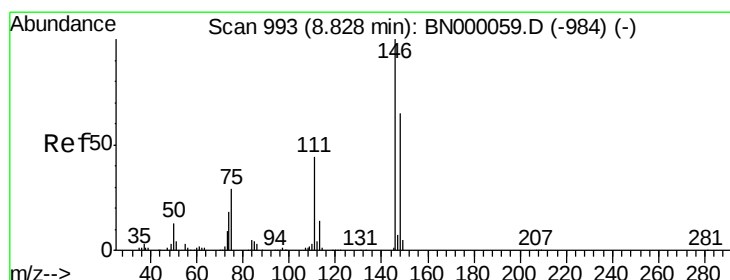
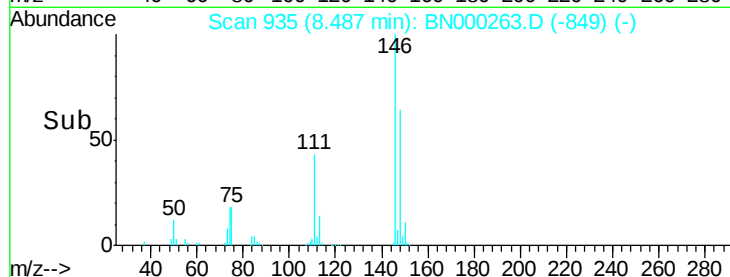
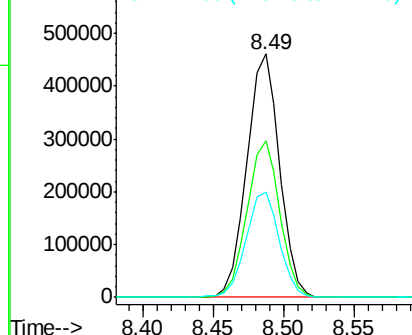
146 100

148 64.4 53.7 80.5

111 43.3 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.592 ng

RT: 8.81 min Scan# 990

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

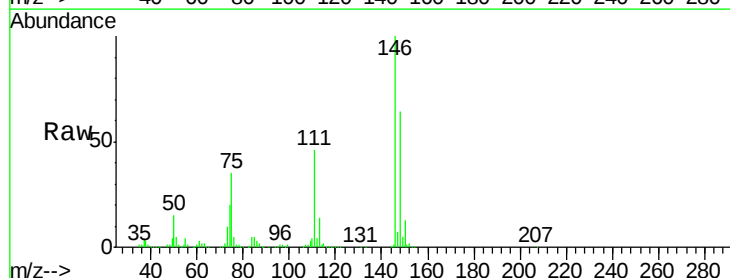
Tgt Ion:146 Resp: 733801

Ion Ratio Lower Upper

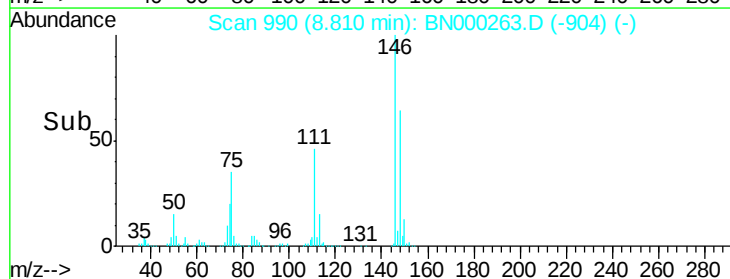
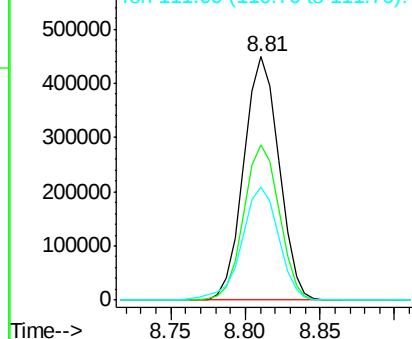
146 100

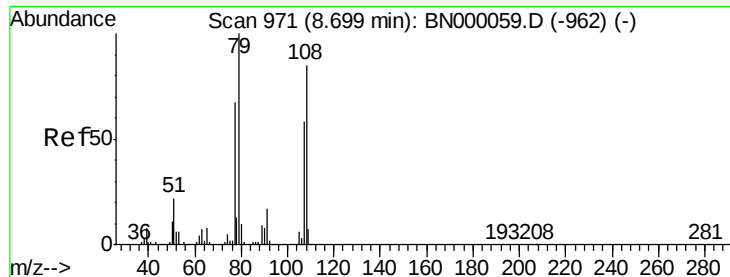
148 63.7 49.3 73.9

111 46.3 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.362 ng

RT: 8.68 min Scan# 968

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Instrument :

BNA_N

ClientSampleId :

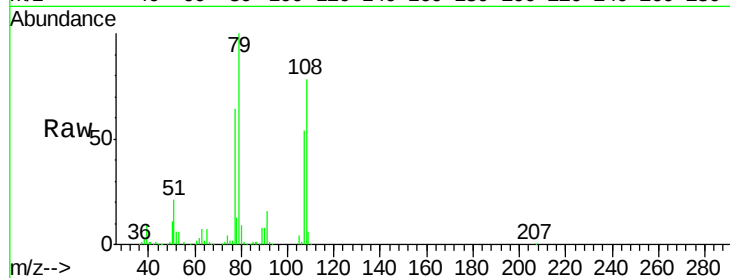
Tot Ion: 79 Resp: 757805

Ion Ratio Lower Upper

79 100

108 78.4 57.2 85.8

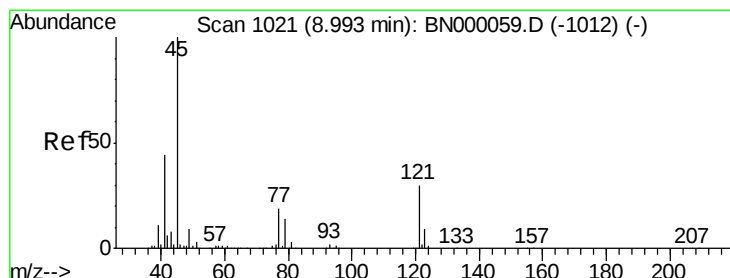
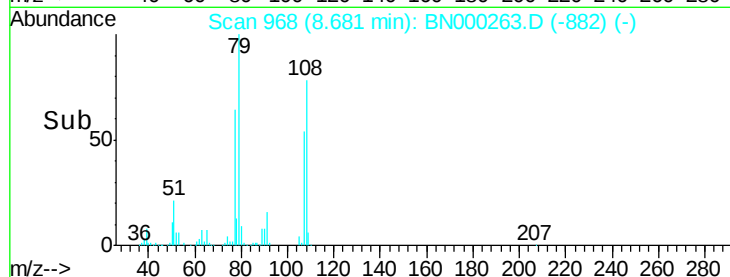
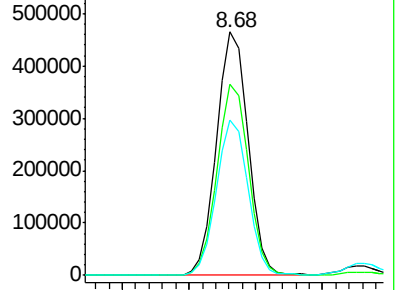
77 63.9 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BN0

Ion 108.00 (107.70 to 108.70): BN0

Ion 77.00 (76.70 to 77.70): BN0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.964 ng

RT: 8.97 min Scan# 1017

Delta R.T. -0.03 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

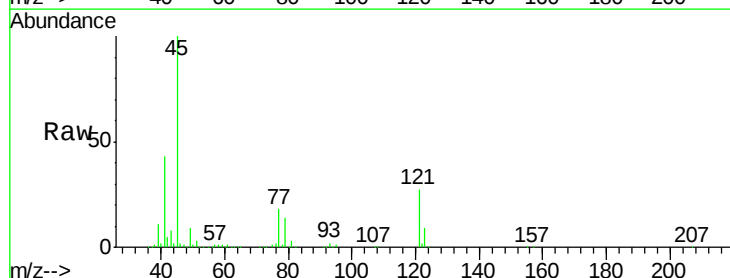
Tgt Ion: 45 Resp: 856046

Ion Ratio Lower Upper

45 100

77 18.2 0.0 30.2

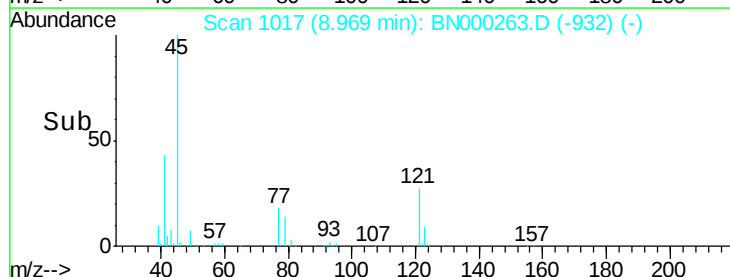
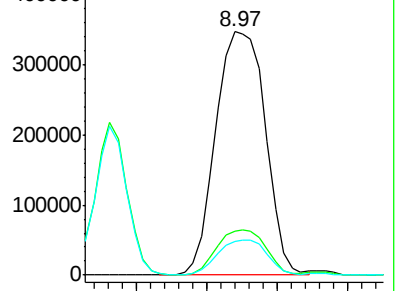
79 13.8 0.0 27.9

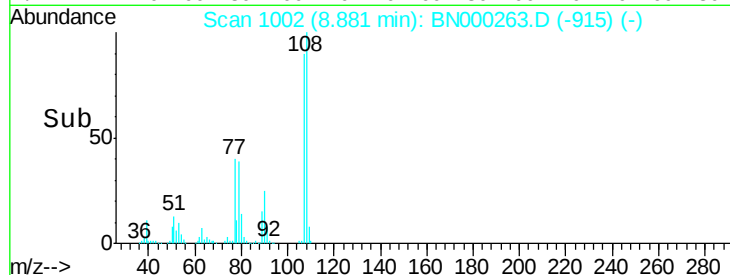
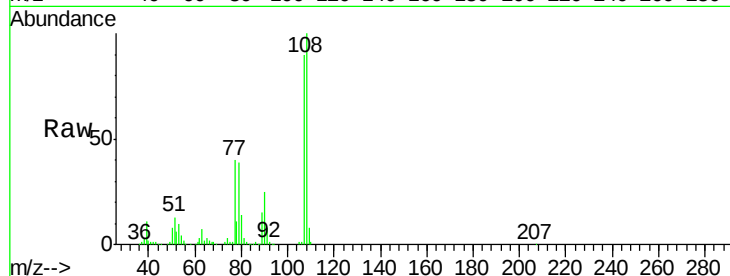
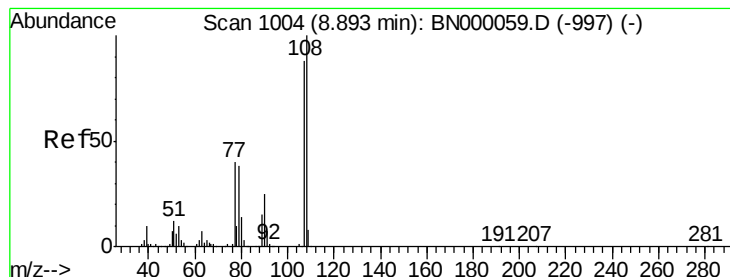


Abundance Ion 45.00 (44.70 to 45.70): BN0

Ion 77.00 (76.70 to 77.70): BN0

Ion 79.00 (78.70 to 79.70): BN0





#17

2-Methylphenol

Concen: 45.030 ng

RT: 8.88 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Instrument :

BNA_N

ClientSampleId :

Tot Ion:107 Resp: 768167

Ion Ratio Lower Upper

107 100

108 111.4 83.9 125.9

77 45.0 37.2 55.8

79 44.0 36.2 54.2

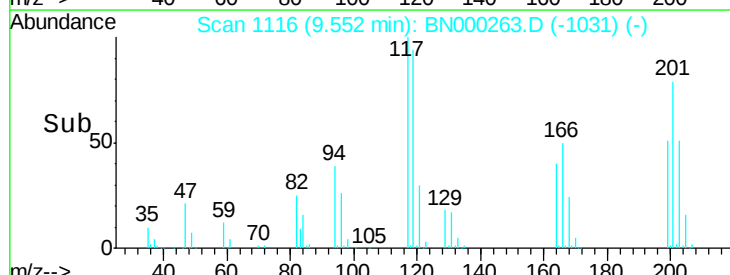
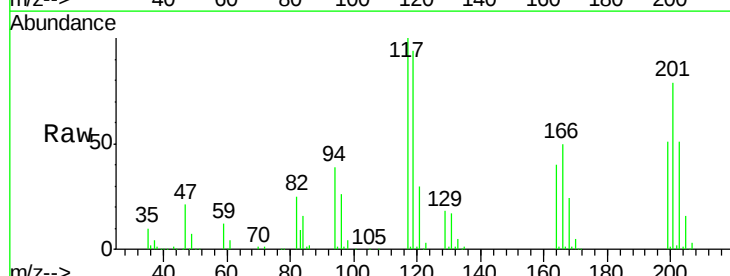
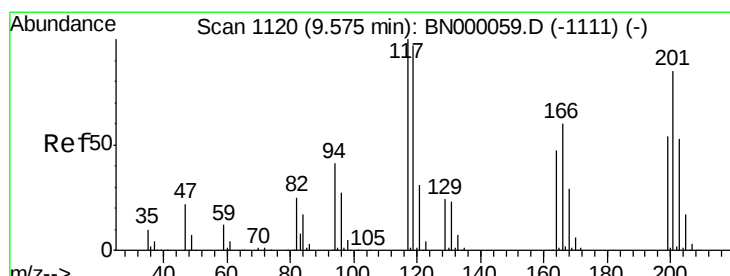
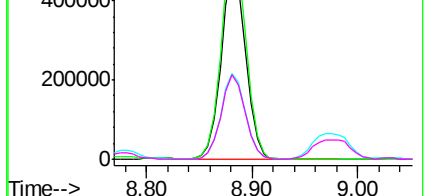
Abundance Ion 107.00 (106.70 to 107.70): E

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

Time-->



#18

Hexachloroethane

Concen: 39.139 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.03 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Tgt Ion:117 Resp: 277563

Ion Ratio Lower Upper

117 100

119 94.4 76.7 115.1

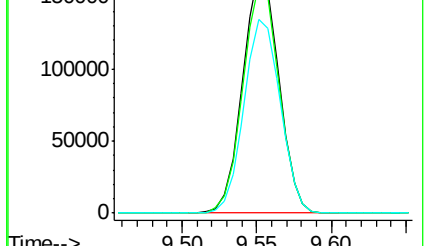
201 79.4 95.7 143.5#

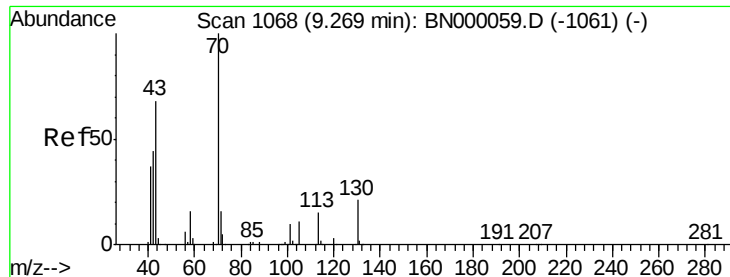
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 41.033 ng

RT: 9.26 min Scan# 1066

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Instrument :

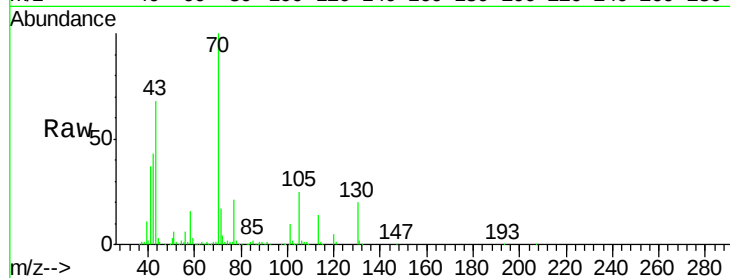
BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 625281

Ion Ratio Lower Upper

70	100		
42	43.2	49.1	73.7#
101	9.9	8.5	12.7
130	20.0	13.4	20.0



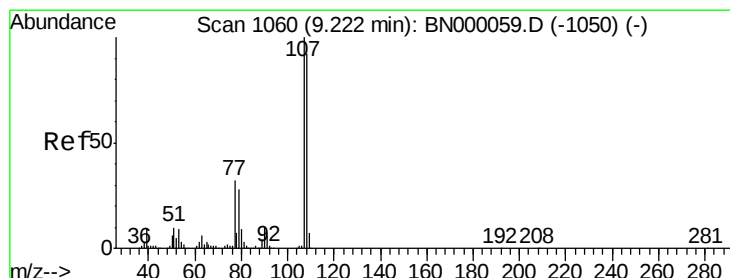
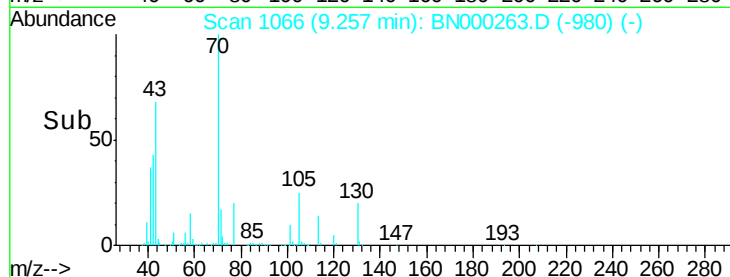
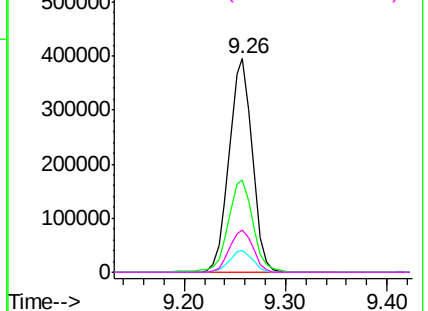
Abundance

Ion 70.00 (69.70 to 70.70): BN000059.D (-1061) (-)

Ion 42.00 (41.70 to 42.70): BN000059.D (-1061) (-)

Ion 101.00 (100.70 to 101.70): BN000059.D (-1061) (-)

Ion 130.00 (129.70 to 130.70): BN000059.D (-1061) (-)



#20

3+4-Methylphenols

Concen: 43.892 ng

RT: 9.21 min Scan# 1058

Delta R.T. -0.02 min

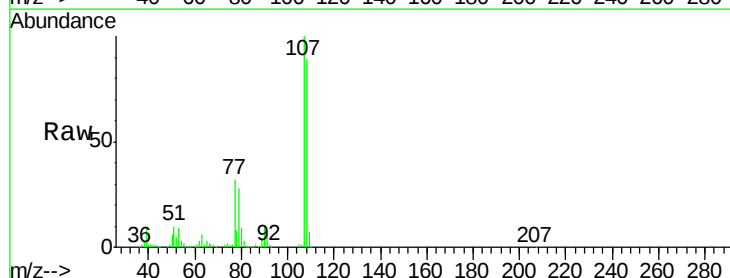
Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Tgt Ion: 107 Resp: 1047208

Ion Ratio Lower Upper

107	100		
108	88.6	61.6	101.6
77	32.0	13.9	53.9
79	27.7	8.8	48.8



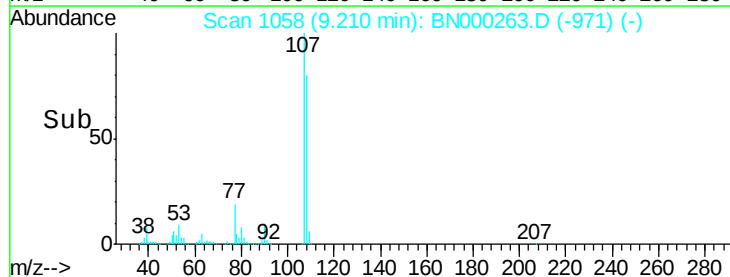
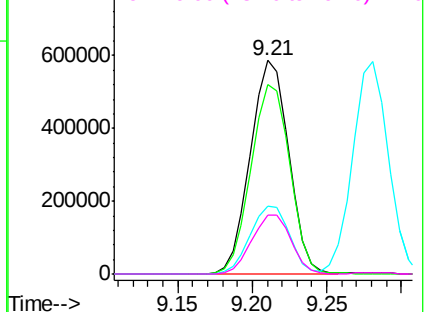
Abundance

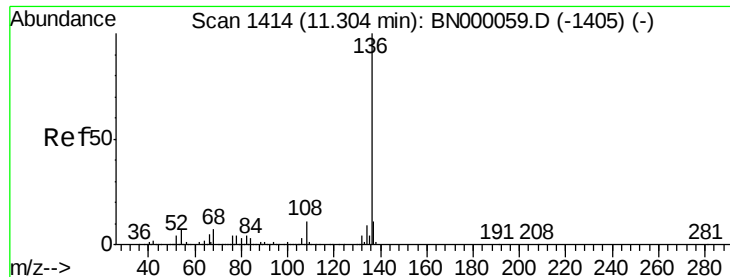
Ion 107.00 (106.70 to 107.70): BN000059.D (-1050) (-)

Ion 108.00 (107.70 to 108.70): BN000059.D (-1050) (-)

Ion 77.00 (76.70 to 77.70): BN000059.D (-1050) (-)

Ion 79.00 (78.70 to 79.70): BN000059.D (-1050) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.29 min Scan# 1411

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 1203912

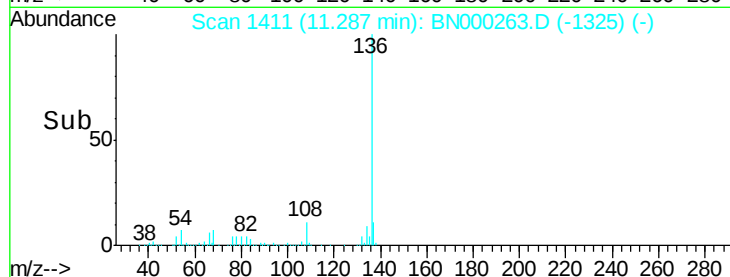
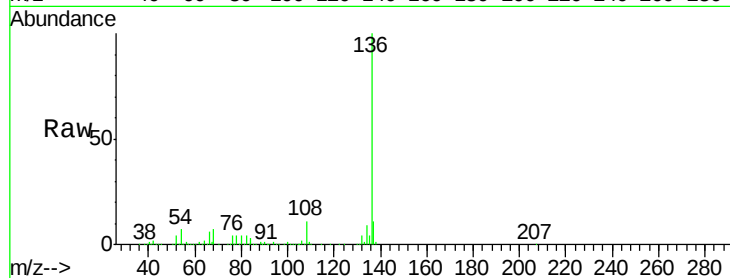
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 7.4 10.3 15.5#

68 7.0 4.5 6.7#

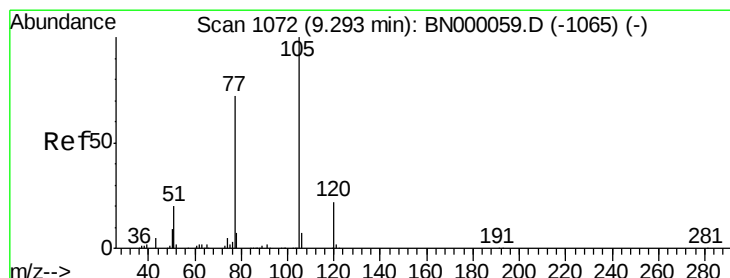
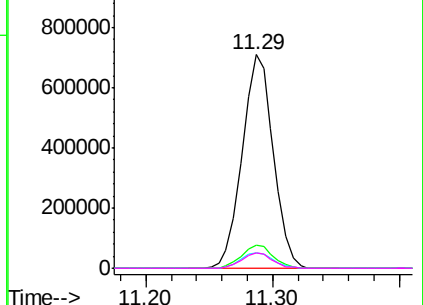


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.248 ng

RT: 9.28 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Tgt Ion:105 Resp: 1256610

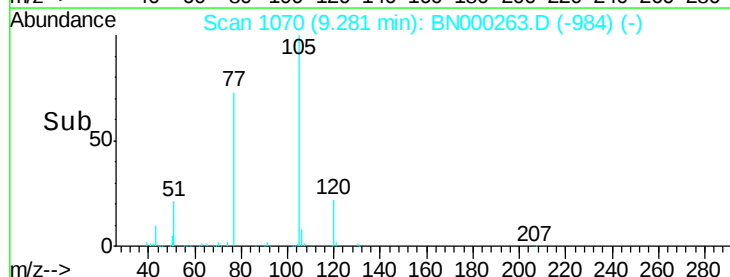
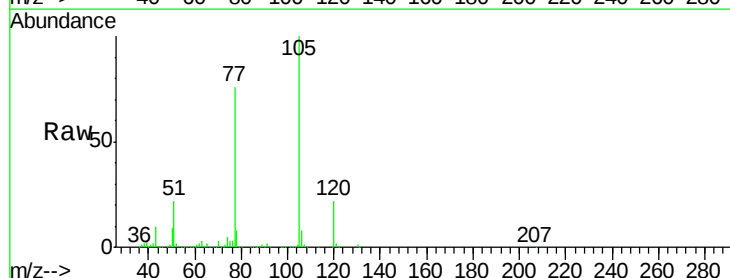
Ion Ratio Lower Upper

105 100

71 0.4 3.0 4.4#

51 21.8 26.1 39.1#

120 22.2 17.4 26.2

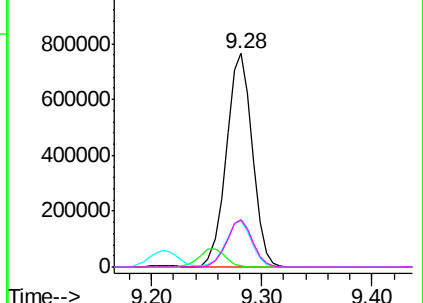


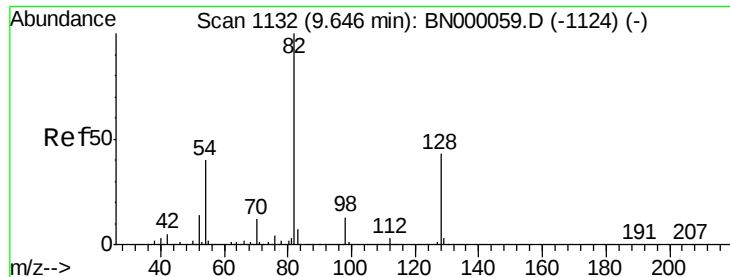
Abundance Ion 105.00 (104.70 to 105.70): E

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

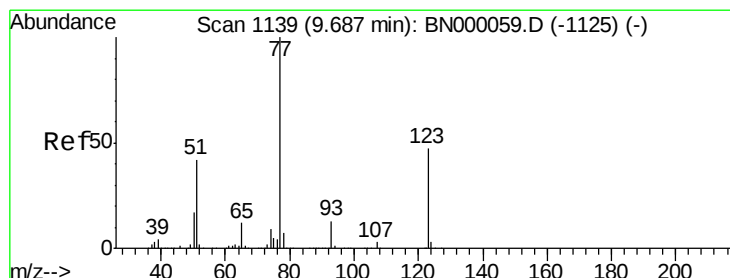
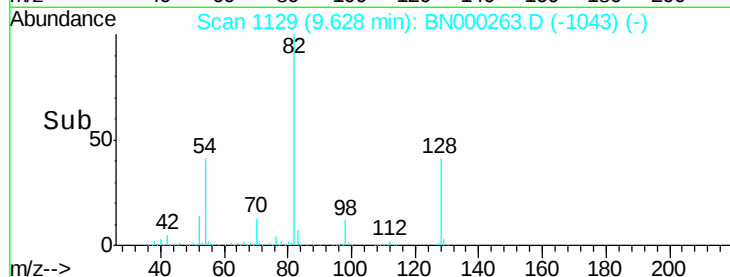
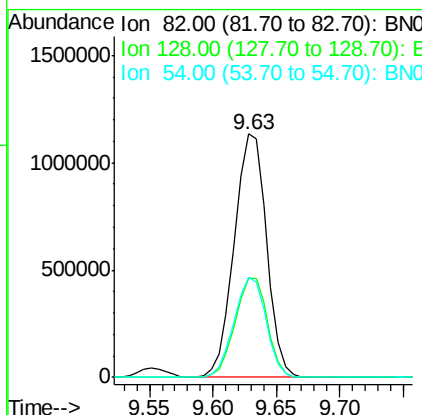
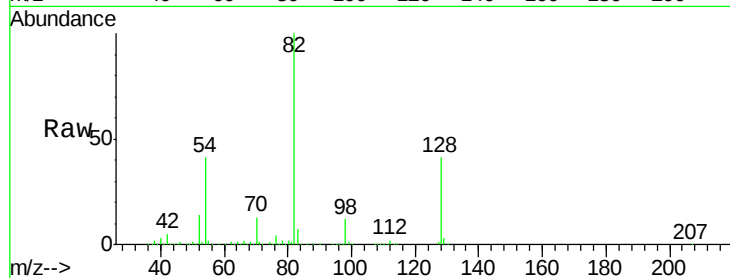




#23
 Nitrobenzene-d5
 Concen: 98.802 ng
 RT: 9.63 min Scan# 1129
 Delta R.T. -0.02 min
 Lab File: BN000263.D
 Acq: 06 Mar 2018 14:49

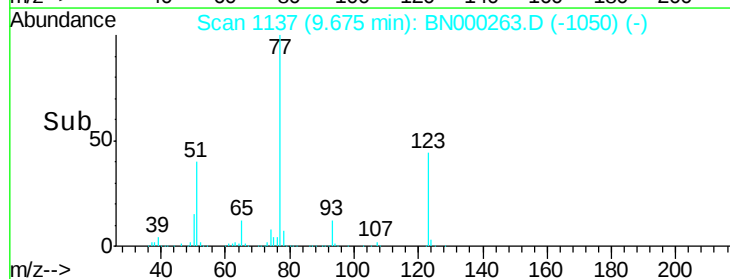
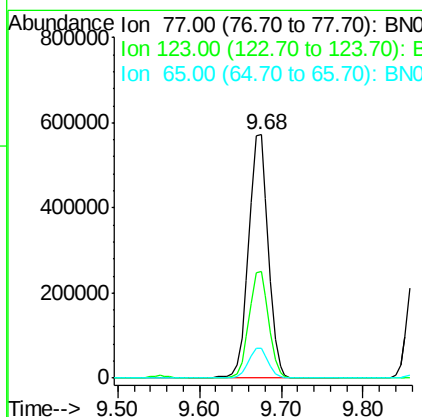
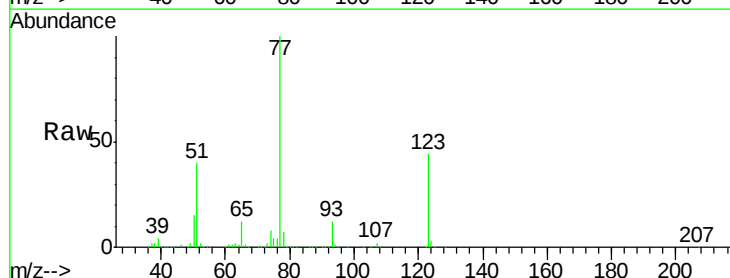
Instrument :
 BNA_N
 ClientSampleId :

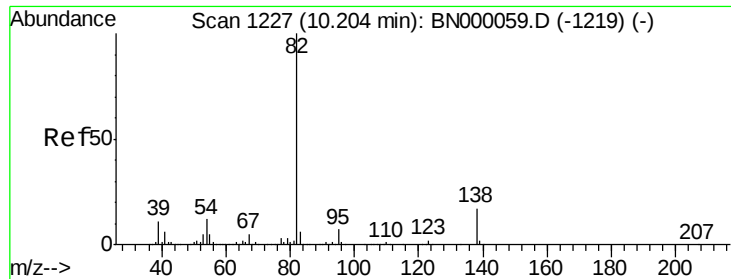
Tot Ion: 82 Resp: 2000631
 Ion Ratio Lower Upper
 82 100
 128 40.9 29.7 44.5
 54 41.0 43.1 64.7#



#24
 Nitrobenzene
 Concen: 43.141 ng
 RT: 9.68 min Scan# 1137
 Delta R.T. -0.02 min
 Lab File: BN000263.D
 Acq: 06 Mar 2018 14:49

Tgt Ion: 77 Resp: 954984
 Ion Ratio Lower Upper
 77 100
 123 44.0 33.0 49.6
 65 12.4 13.0 19.6#





#25

Isophorone

Concen: 43.147 ng

RT: 10.19 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Instrument :

BNA_N

ClientSampled :

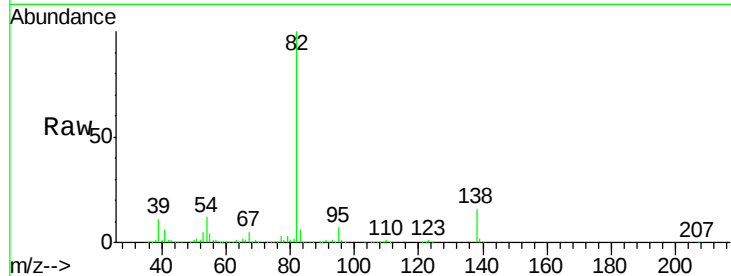
Tot Ion: 82 Resp: 1806002

Ion Ratio Lower Upper

82 100

95 6.8 6.2 9.2

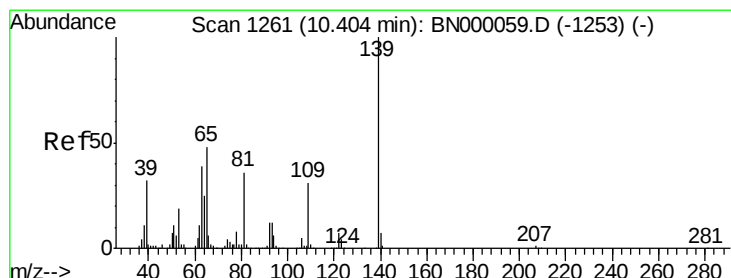
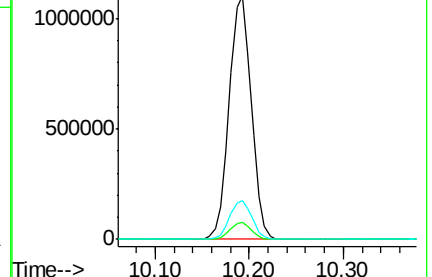
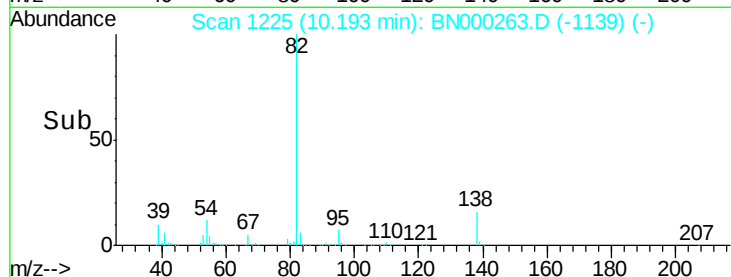
138 16.0 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BN000059.D (-1219) (-)

Ion 95.00 (94.70 to 95.70): BN000059.D (-1219) (-)

Ion 138.00 (137.70 to 138.70): BN000059.D (-1219) (-)



#26

2-Nitrophenol

Concen: 43.550 ng

RT: 10.39 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

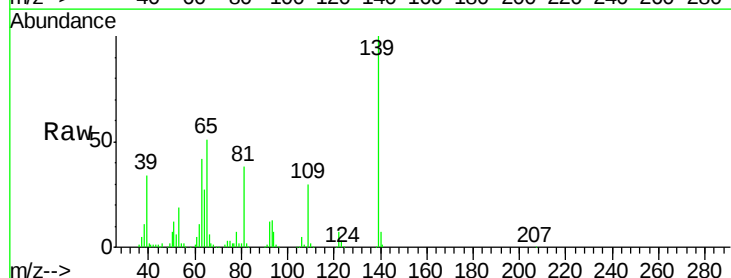
Tgt Ion: 139 Resp: 387944

Ion Ratio Lower Upper

139 100

109 30.5 24.2 36.2

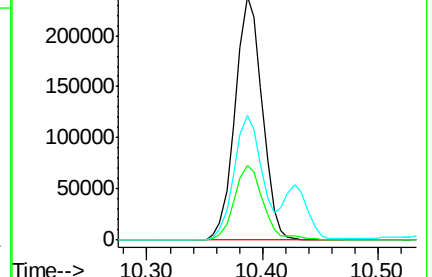
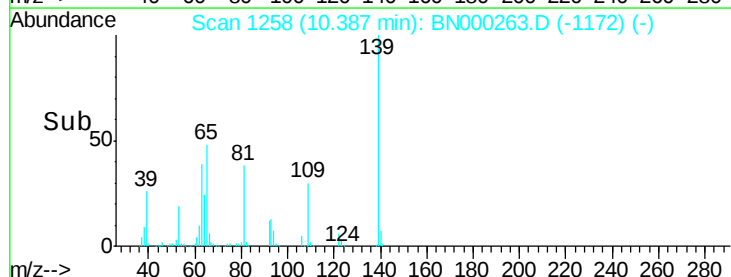
65 51.4 47.4 71.0

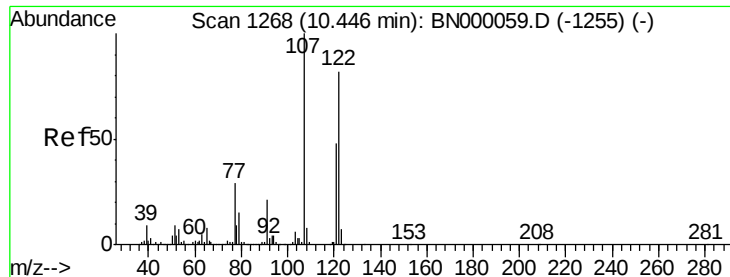


Abundance Ion 139.00 (138.70 to 139.70): BN000059.D (-1253) (-)

Ion 109.00 (108.70 to 109.70): BN000059.D (-1253) (-)

Ion 65.00 (64.70 to 65.70): BN000059.D (-1253) (-)

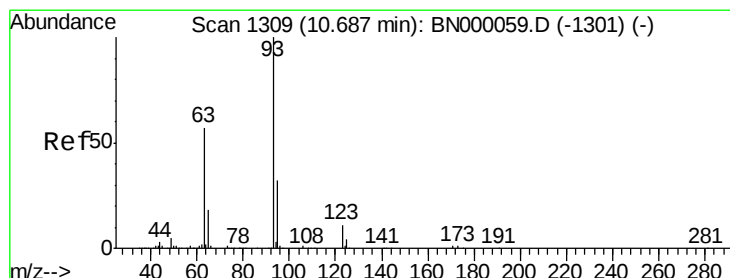
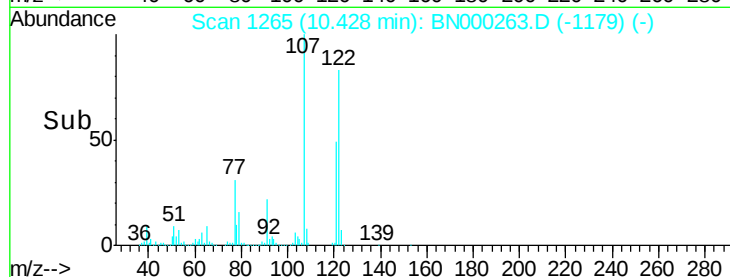
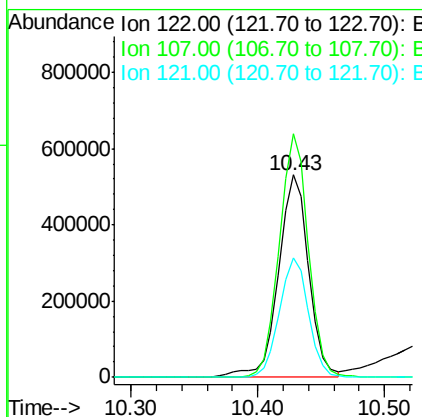
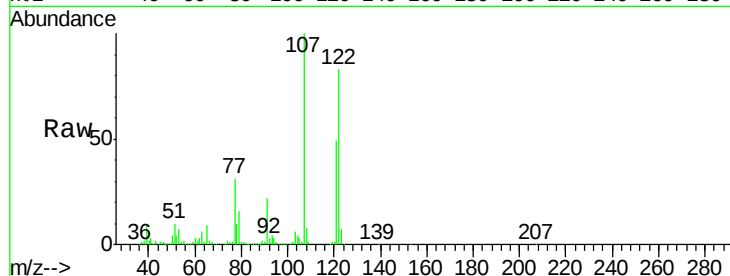




#27
 2,4-Dimethylphenol
 Concen: 48.526 ng
 RT: 10.43 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BN000263.D
 Acq: 06 Mar 2018 14:49

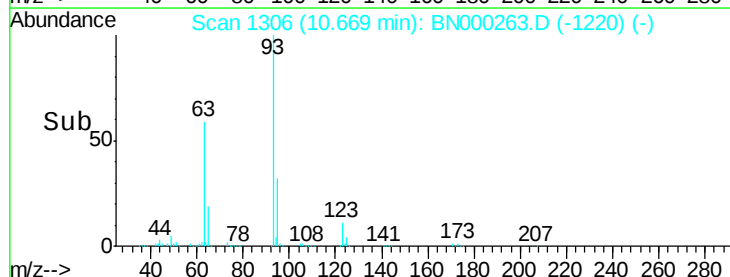
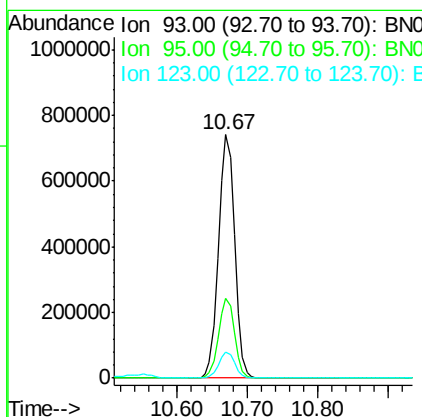
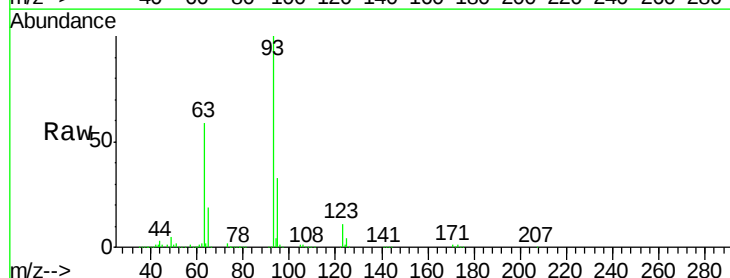
Instrument :
 BNA_N
 ClientSampleId :

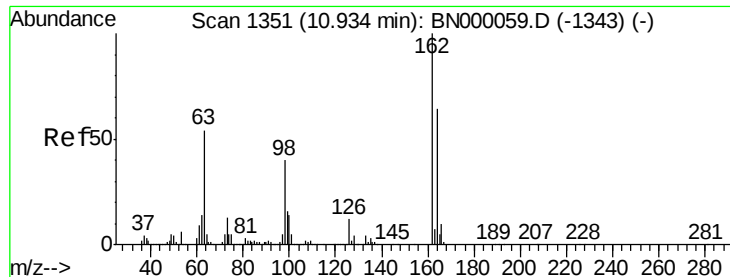
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.5	100.2	150.2
121	58.9	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.777 ng
 RT: 10.67 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BN000263.D
 Acq: 06 Mar 2018 14:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	24.3	36.5
123	10.8	8.4	12.6

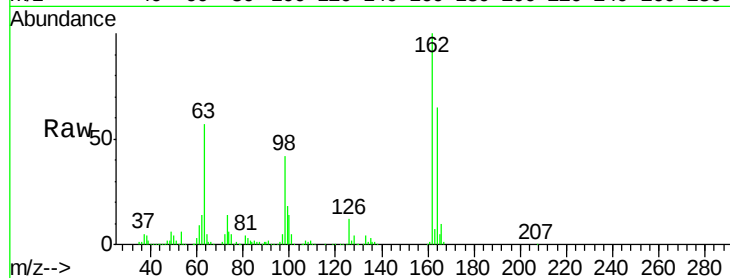




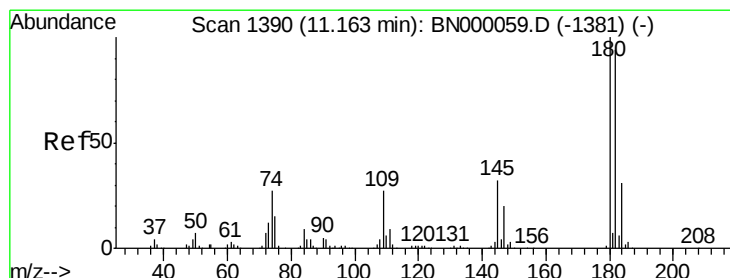
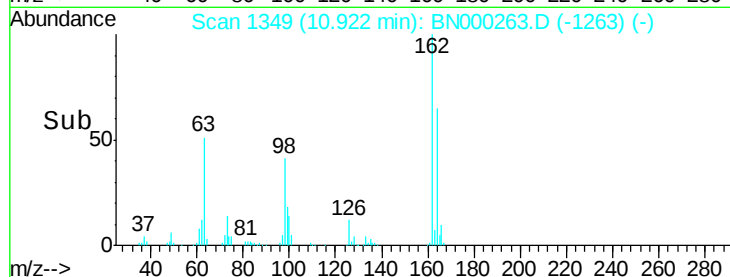
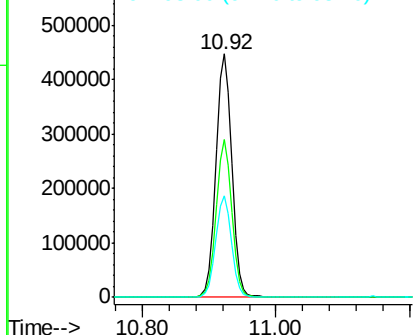
#29
2,4-Dichlorophenol
Concen: 45.009 ng
RT: 10.92 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BN000263.D
Acq: 06 Mar 2018 14:49

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	48.0	88.0
98	41.5	21.1	61.1

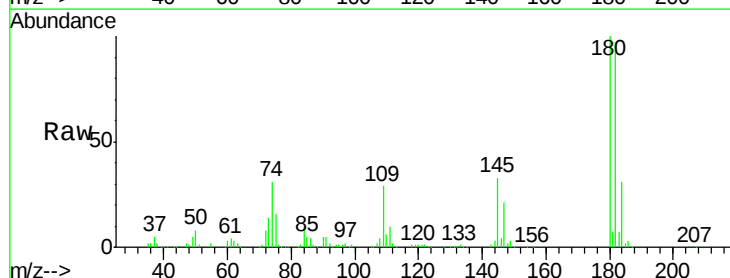


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BNC

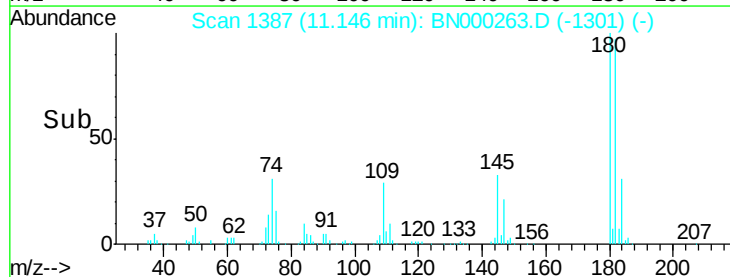
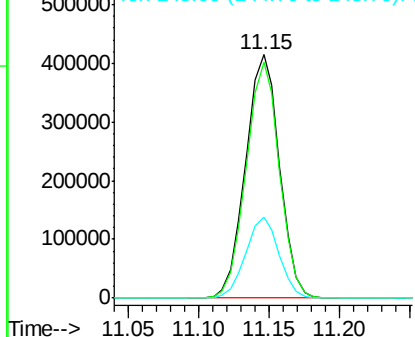


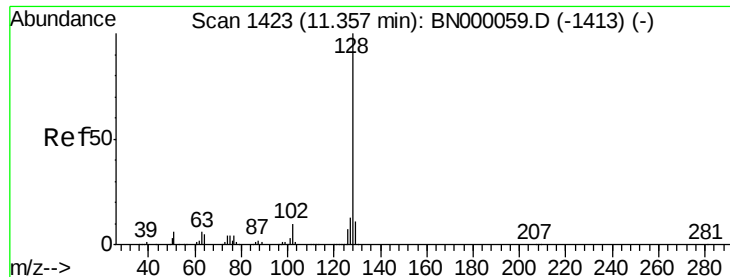
#30
1,2,4-Trichlorobenzene
Concen: 36.157 ng
RT: 11.15 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BN000263.D
Acq: 06 Mar 2018 14:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.5	116.3
145	33.2	23.4	35.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

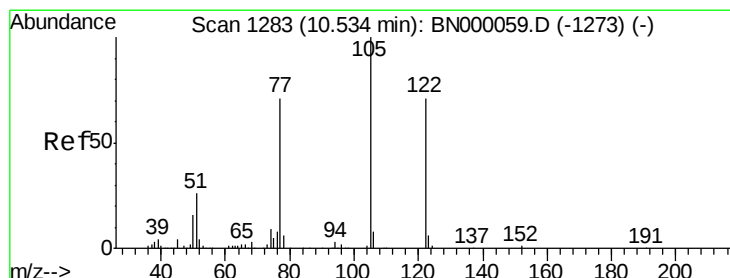
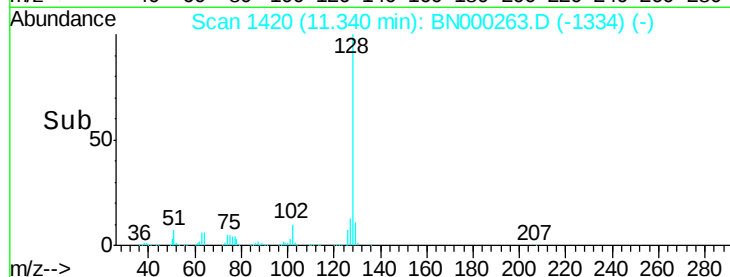
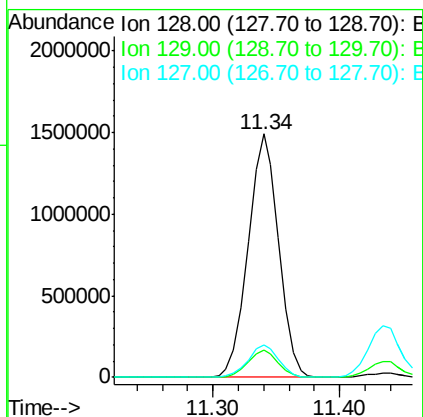
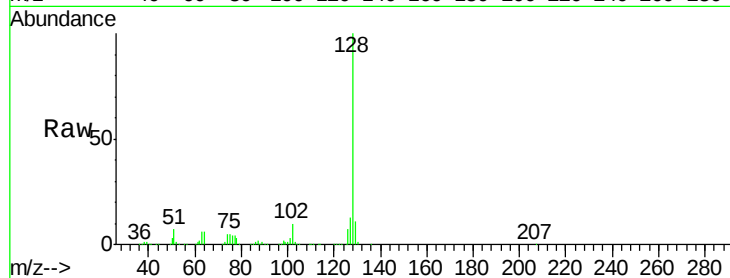




#31
Naphthalene
Concen: 37.708 ng
RT: 11.34 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BN000263.D
Acq: 06 Mar 2018 14:49

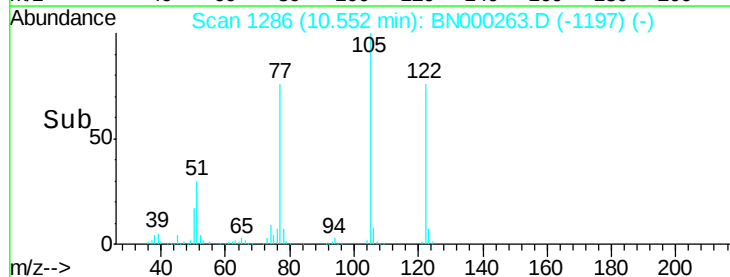
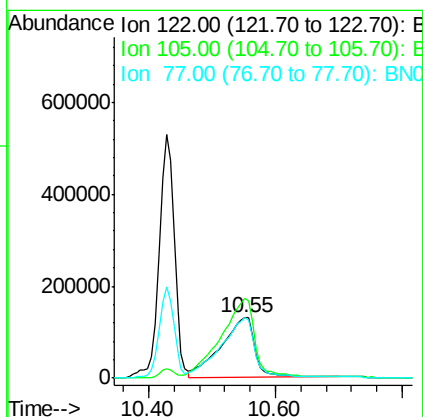
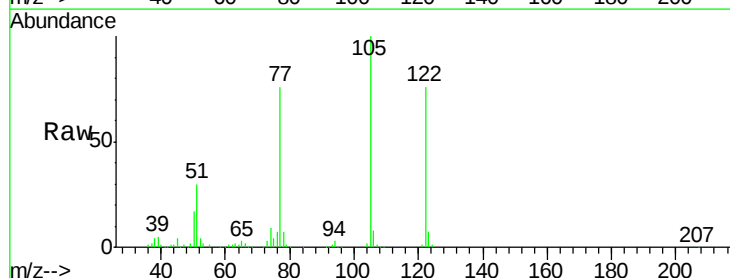
Instrument :
BNA_N
ClientSampled :

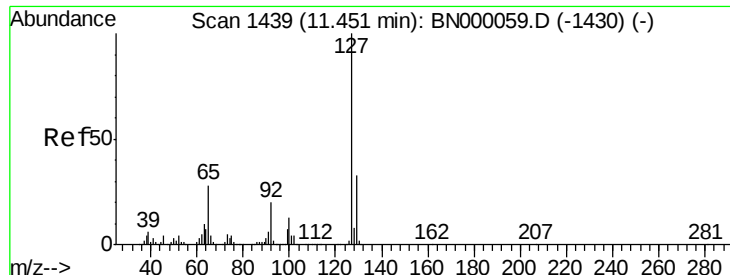
Tot Ion:128 Resp: 2488841
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.3 11.6 17.4



#32
Benzoic acid
Concen: 38.708 ng
RT: 10.55 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BN000263.D
Acq: 06 Mar 2018 14:49

Tgt Ion:122 Resp: 486308
Ion Ratio Lower Upper
122 100
105 131.9 123.5 163.5
77 100.6 85.7 125.7

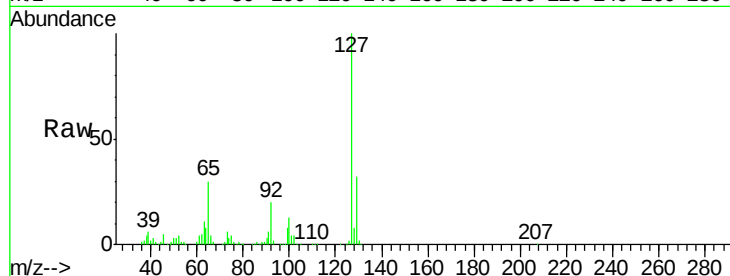




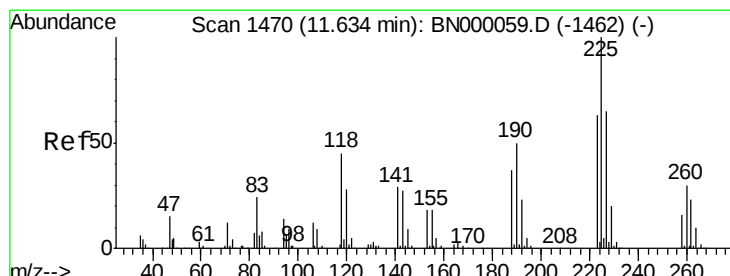
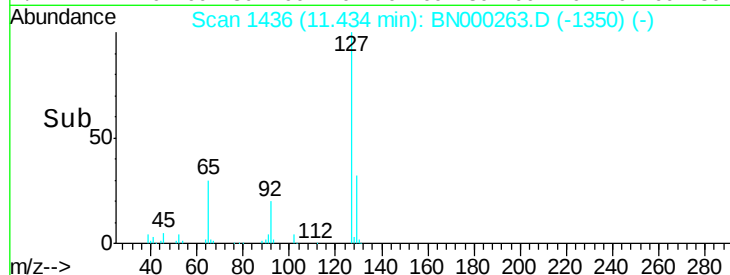
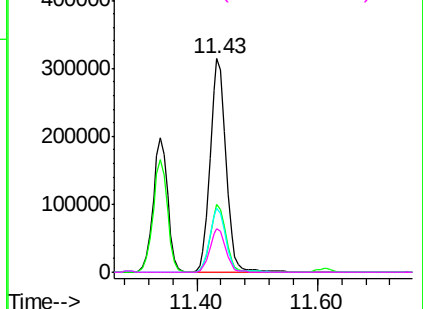
#33
4-Chloroaniline
Concen: 19.735 ng
RT: 11.43 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BN000263.D
Acq: 06 Mar 2018 14:49

Instrument :
BNA_N
ClientSampled :

Tot Ion:	127	Resp:	572201
Ion	Ratio	Lower	Upper
127	100		
129	31.9	24.0	36.0
65	30.1	27.0	40.4
92	20.5	16.6	25.0

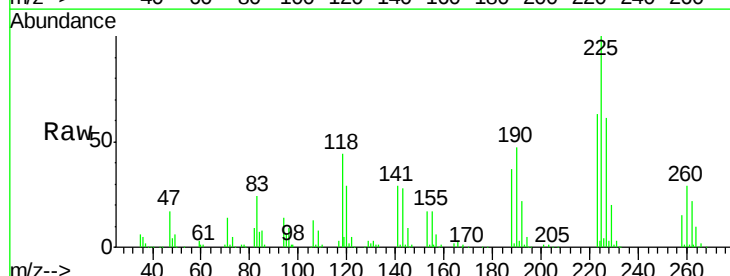


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

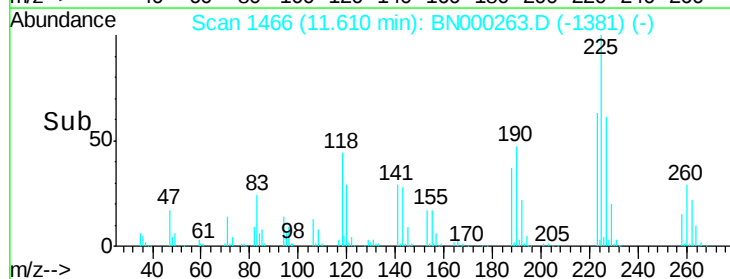
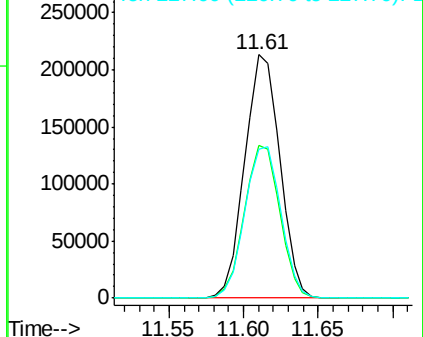


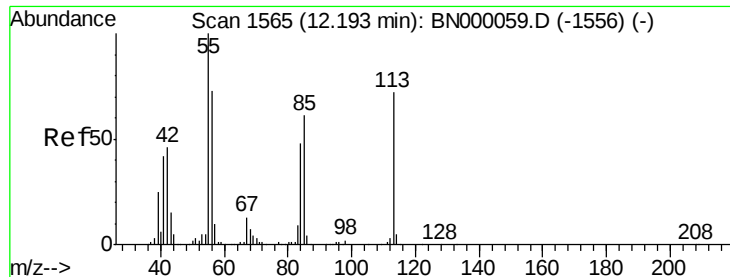
#34
Hexachlorobutadiene
Concen: 34.650 ng
RT: 11.61 min Scan# 1466
Delta R.T. -0.03 min
Lab File: BN000263.D
Acq: 06 Mar 2018 14:49

Tgt Ion:	225	Resp:	347486
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.7	74.5
227	61.1	48.1	72.1



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

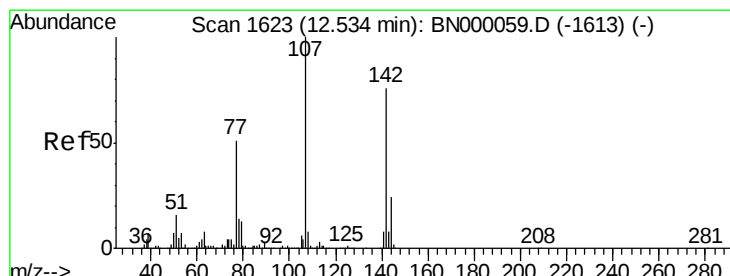
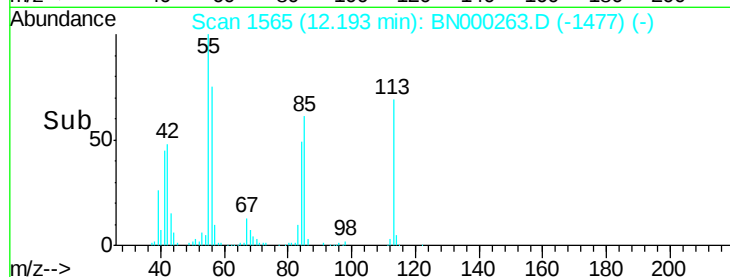
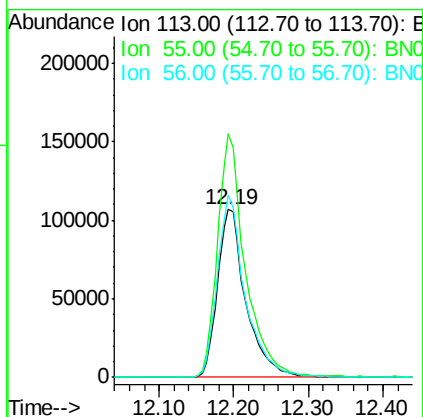
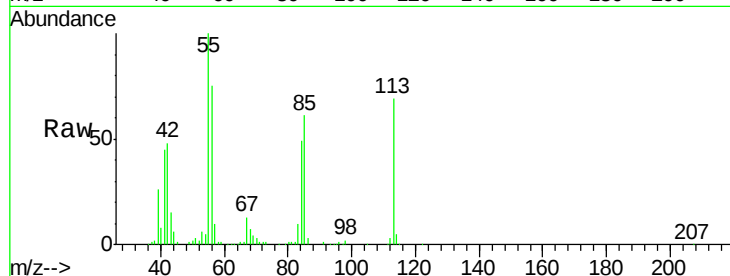




#35
 Caprolactam
 Concen: 39.261 ng
 RT: 12.19 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BN000263.D
 Acq: 06 Mar 2018 14:49

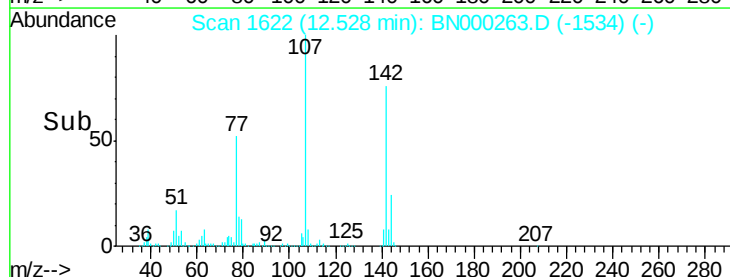
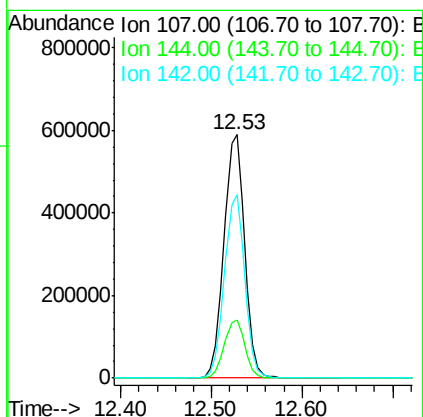
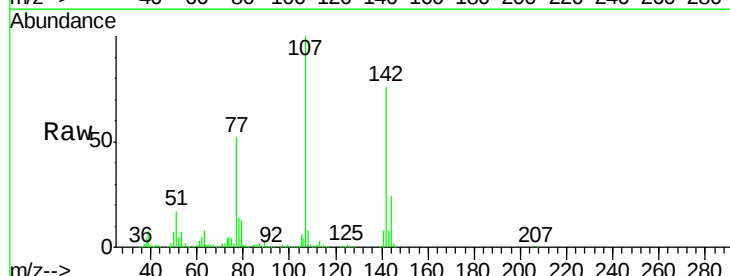
Instrument :
 BNA_N
 ClientSampleId :

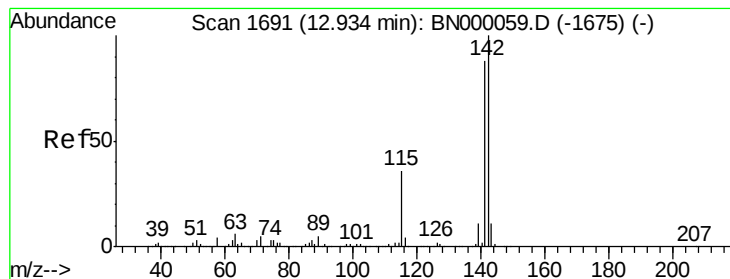
Tot Ion:113 Resp: 282341
 Ion Ratio Lower Upper
 113 100
 55 144.9 120.0 160.0
 56 108.7 90.0 130.0



#36
 4-Chloro-3-methylphenol
 Concen: 43.818 ng
 RT: 12.53 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BN000263.D
 Acq: 06 Mar 2018 14:49

Tgt Ion:107 Resp: 934249
 Ion Ratio Lower Upper
 107 100
 144 23.8 18.2 27.4
 142 75.5 59.0 88.4





#37

2-Methylnaphthalene

Concen: 38.750 ng

RT: 12.92 min Scan# 1688

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Instrument :

BNA_N

ClientSampleId :

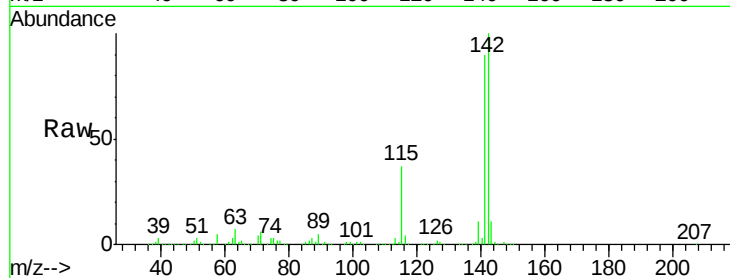
Tot Ion:142 Resp: 1779557

Ion Ratio Lower Upper

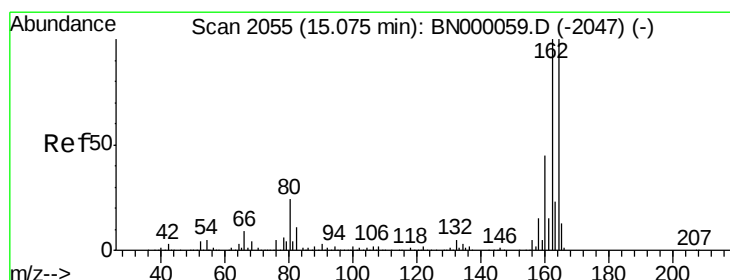
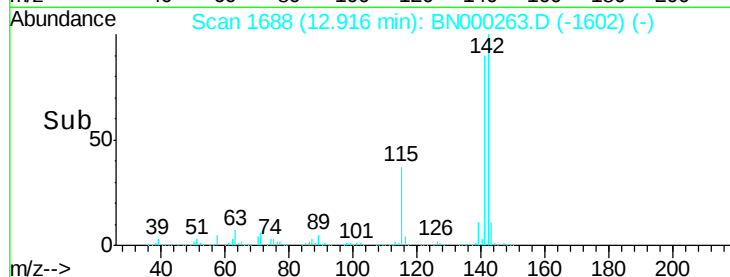
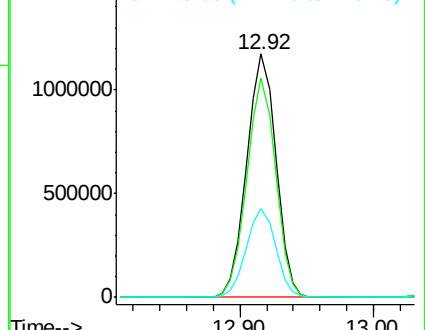
142 100

141 90.0 67.1 100.7

115 36.6 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.06 min Scan# 2053

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

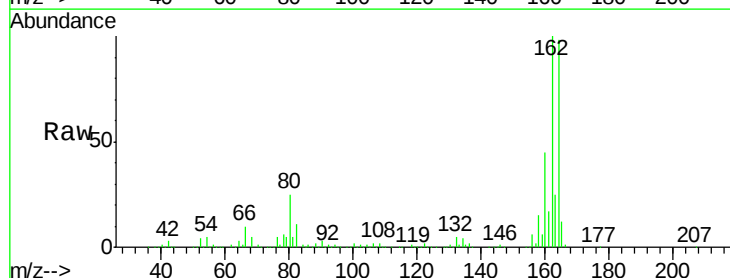
Tgt Ion:164 Resp: 679460

Ion Ratio Lower Upper

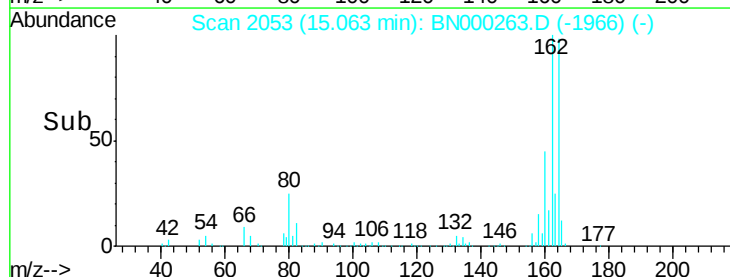
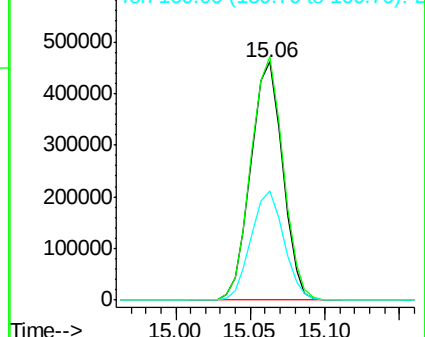
164 100

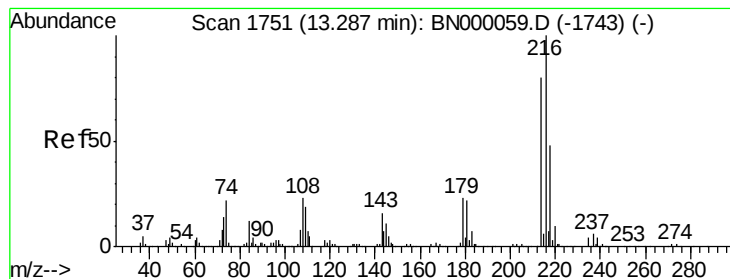
162 102.2 78.8 118.2

160 45.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.244 ng

RT: 13.27 min Scan# 1749

Delta R.T. -0.02 min

Lab File: BN000263.D

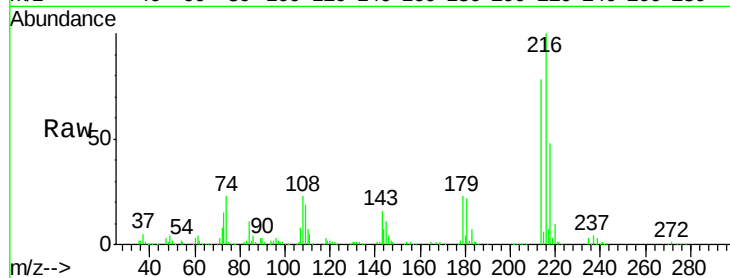
Acq: 06 Mar 2018 14:49

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	216	Resp:	746937
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.0	94.4
179	23.0	17.0	25.6
108	27.1	12.8	19.2#

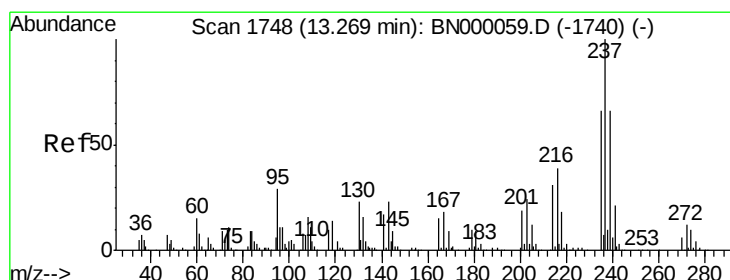
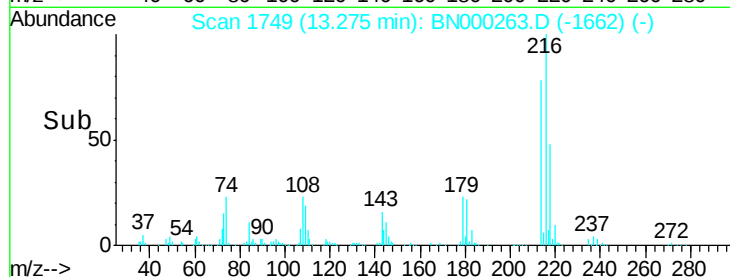
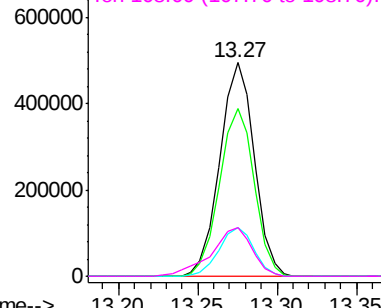


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.863 ng

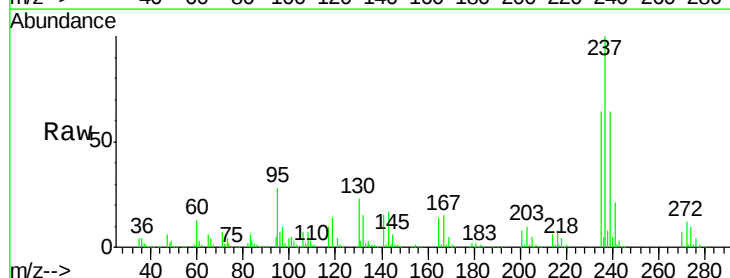
RT: 13.25 min Scan# 1745

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

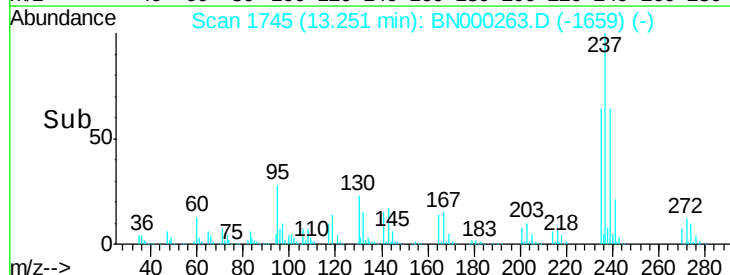
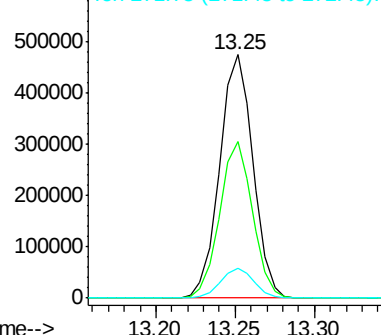
Tgt Ion:	237	Resp:	692747
Ion Ratio	Lower	Upper	
237	100		
235	64.3	50.4	90.4
272	12.1	0.0	31.8

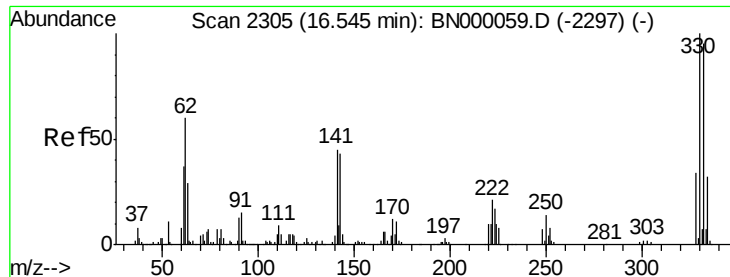


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

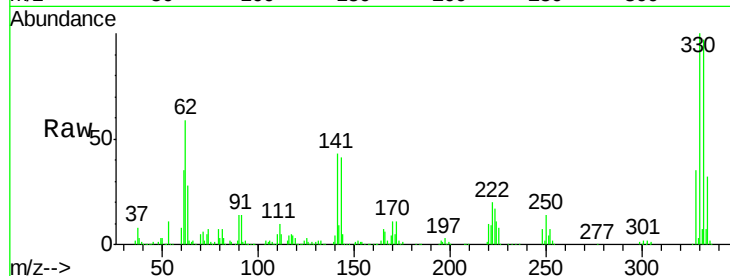




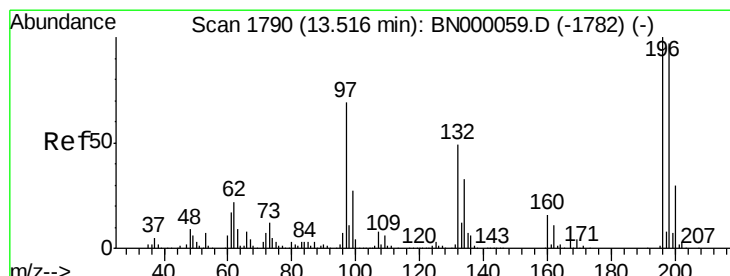
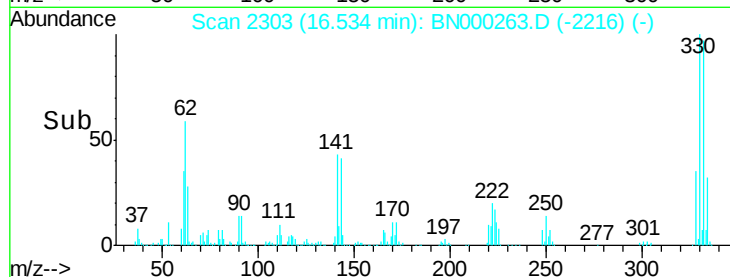
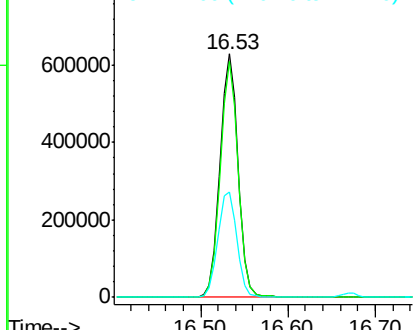
#41
 2,4,6-Tribromophenol
 Concen: 134.524 ng
 RT: 16.53 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: BN000263.D
 Acq: 06 Mar 2018 14:49

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 904759
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 46.1 25.2 37.8#

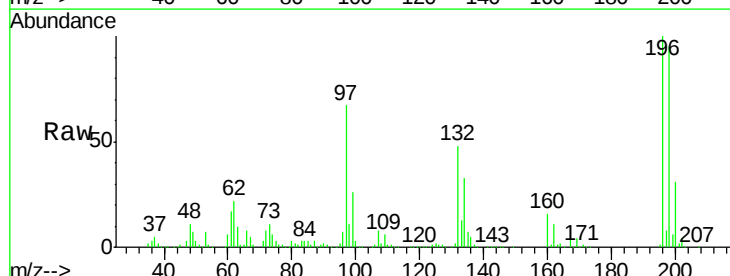


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

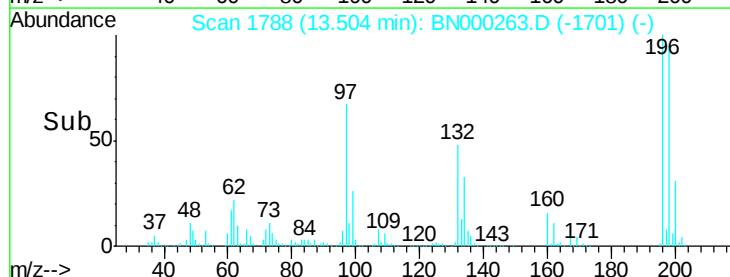
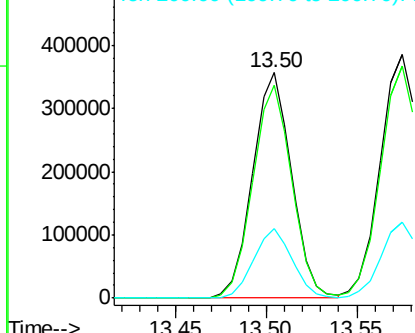


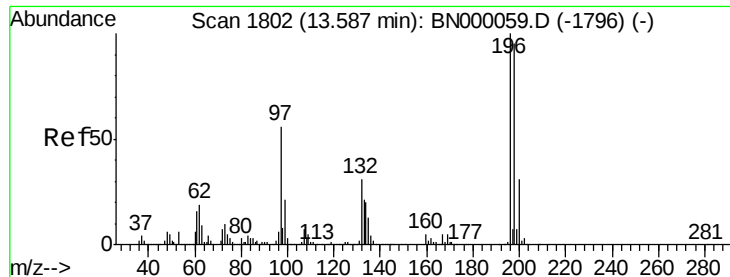
#42
 2,4,6-Trichlorophenol
 Concen: 44.242 ng
 RT: 13.50 min Scan# 1788
 Delta R.T. -0.02 min
 Lab File: BN000263.D
 Acq: 06 Mar 2018 14:49

Tgt Ion:196 Resp: 531796
 Ion Ratio Lower Upper
 196 100
 198 94.5 78.2 117.2
 200 30.7 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

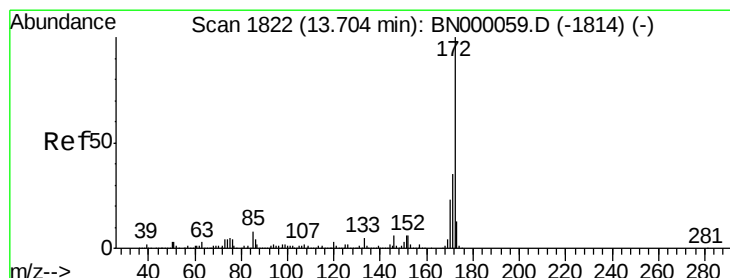
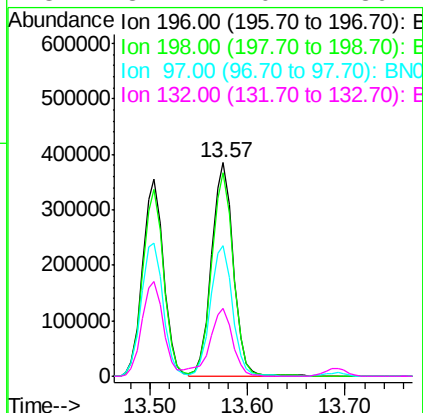
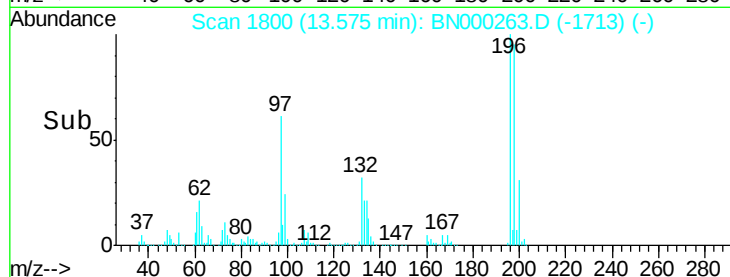
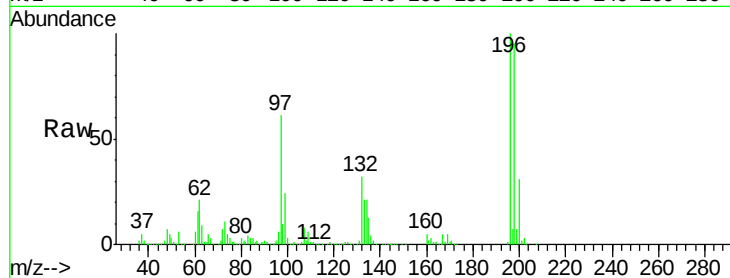




#43
2,4,5-Trichlorophenol
Concen: 40.980 ng
RT: 13.57 min Scan# 1800
Delta R.T. -0.02 min
Lab File: BN000263.D
Acq: 06 Mar 2018 14:49

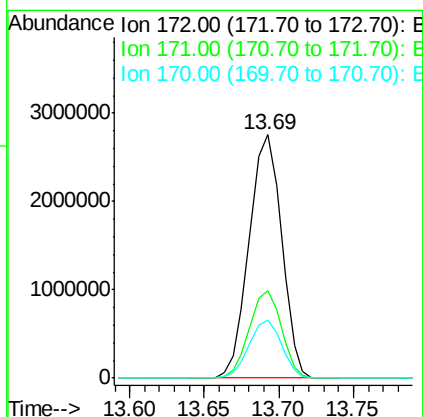
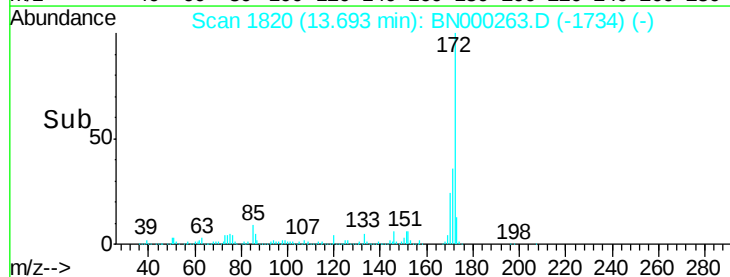
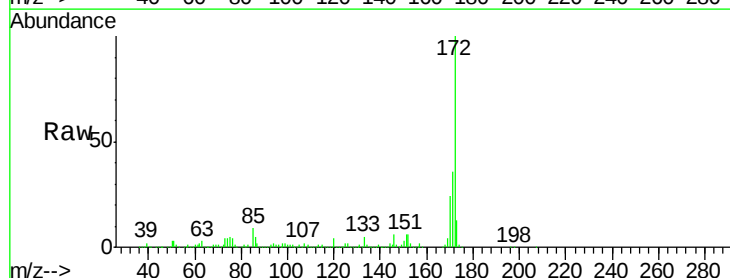
Instrument :
BNA_N
ClientSampled :

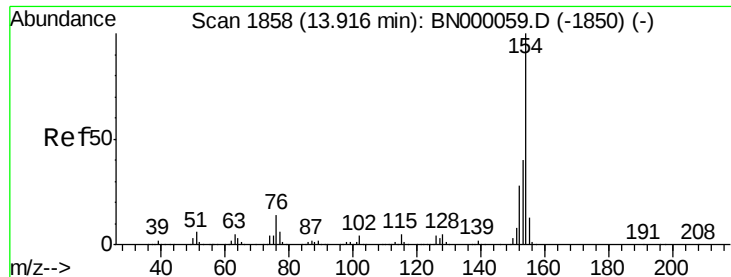
Tot Ion:196 Resp: 592157
Ion Ratio Lower Upper
196 100
198 95.2 76.2 114.4
97 61.0 38.7 58.1#
132 31.7 20.2 30.2#



#44
2-Fluorobiphenyl
Concen: 86.028 ng
RT: 13.69 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BN000263.D
Acq: 06 Mar 2018 14:49

Tgt Ion:172 Resp: 4147286
Ion Ratio Lower Upper
172 100
171 36.0 30.0 45.0
170 24.0 19.5 29.3



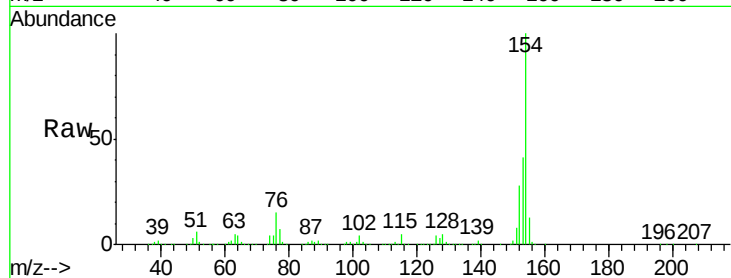


#45
 1,1'-Biphenyl
 Concen: 37.755 ng
 RT: 13.90 min Scan# 1856
 Delta R.T. -0.02 min
 Lab File: BN000263.D
 Acq: 06 Mar 2018 14:49

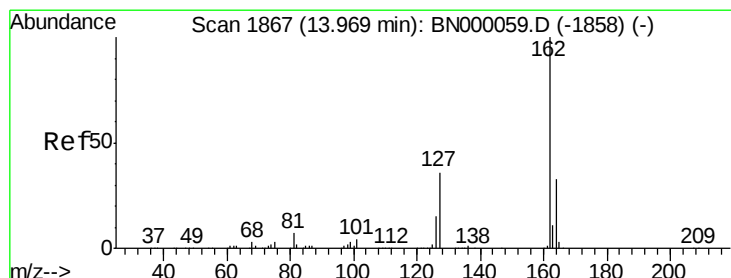
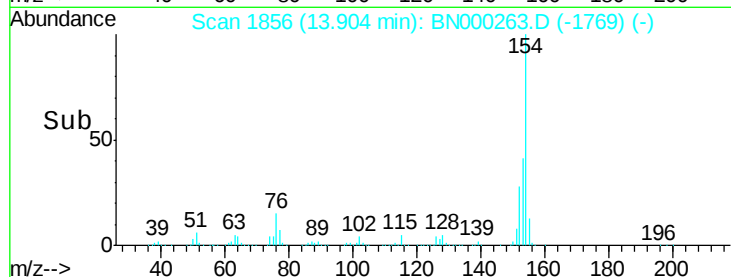
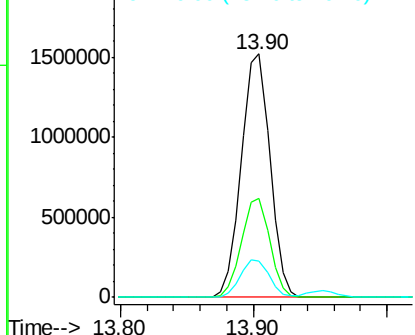
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:154 Resp: 2259337

Ion	Ratio	Lower	Upper
154	100		
153	40.6	19.8	59.8
76	15.0	0.0	31.9



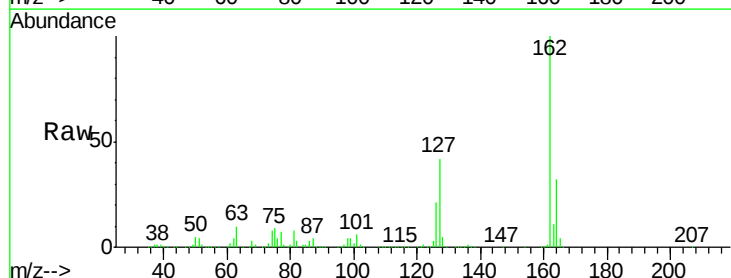
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC



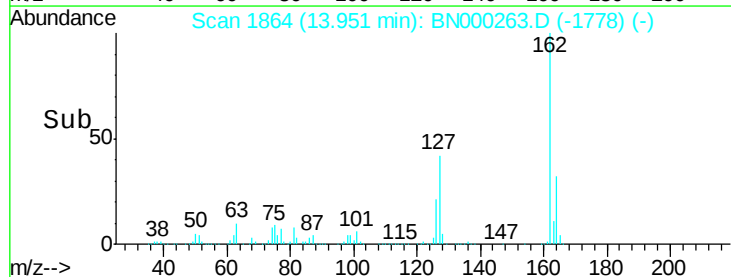
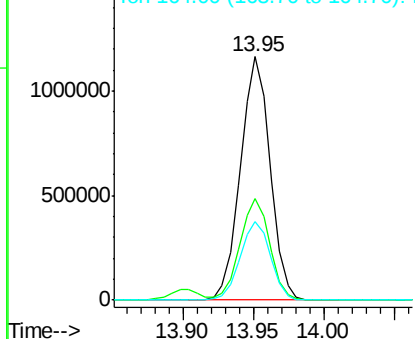
#46
 2-Chloronaphthalene
 Concen: 38.030 ng
 RT: 13.95 min Scan# 1864
 Delta R.T. -0.02 min
 Lab File: BN000263.D
 Acq: 06 Mar 2018 14:49

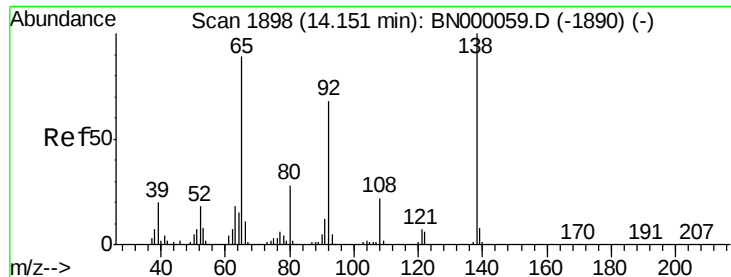
Tgt Ion:162 Resp: 1707575

Ion	Ratio	Lower	Upper
162	100		
127	41.9	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

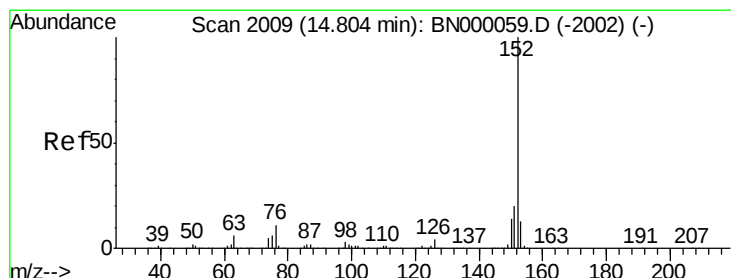
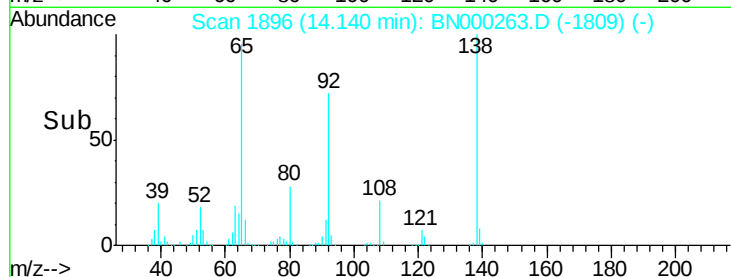
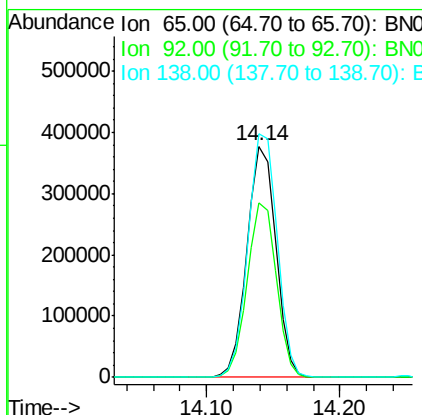
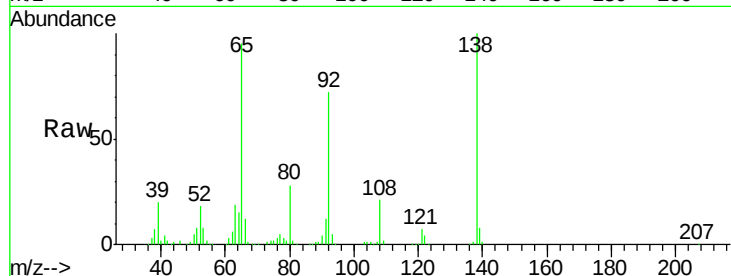




#47
2-Nitroaniline
Concen: 43.331 ng
RT: 14.14 min Scan# 1896
Delta R.T. -0.02 min
Lab File: BN000263.D
Acq: 06 Mar 2018 14:49

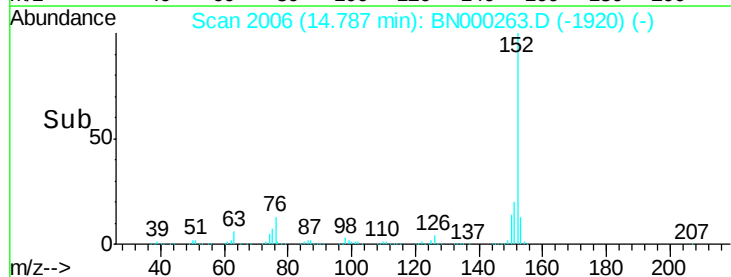
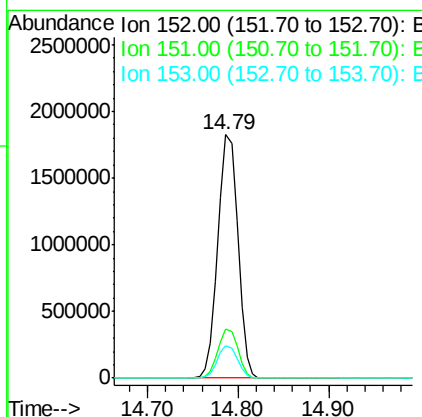
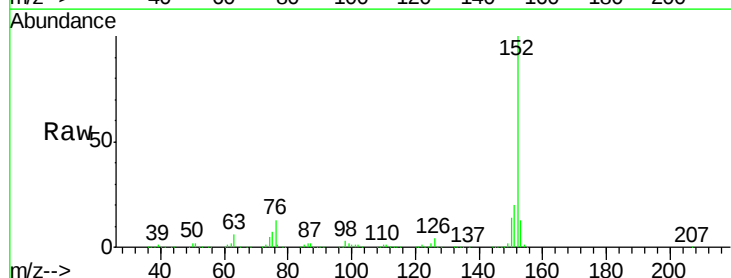
Instrument :
BNA_N
ClientSampled :

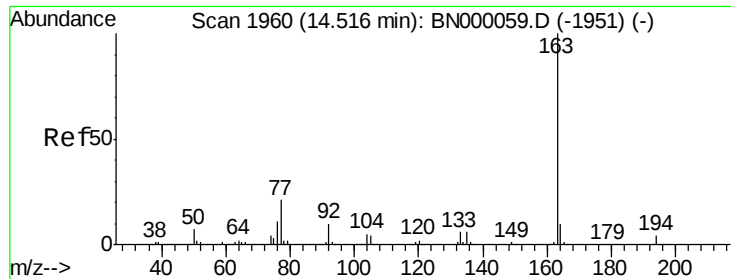
Tot Ion: 65 Resp: 563701
Ion Ratio Lower Upper
65 100
92 75.7 54.6 82.0
138 105.4 72.9 109.3



#48
Acenaphthylene
Concen: 38.711 ng
RT: 14.79 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BN000263.D
Acq: 06 Mar 2018 14:49

Tgt Ion: 152 Resp: 2800392
Ion Ratio Lower Upper
152 100
151 20.2 17.2 25.8
153 13.5 10.2 15.4





#49

Dimethylphthalate

Concen: 37.495 ng

RT: 14.50 min Scan# 1957

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Instrument :

BNA_N

ClientSampleId :

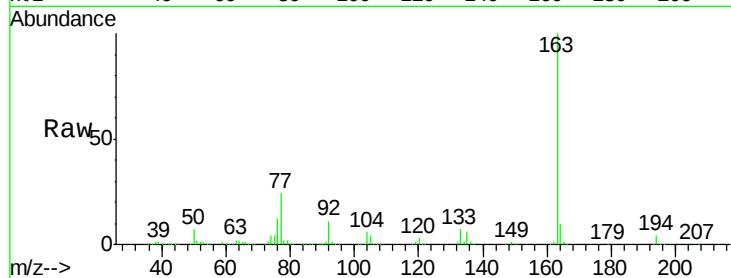
Tot Ion:163 Resp: 2129660

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

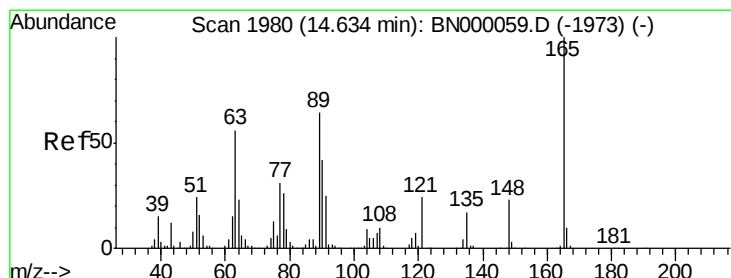
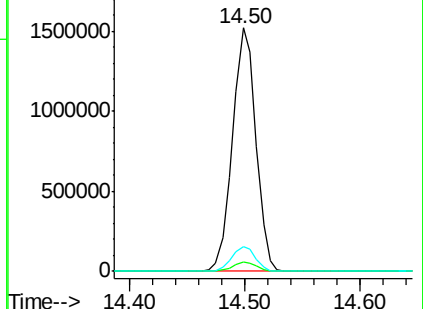
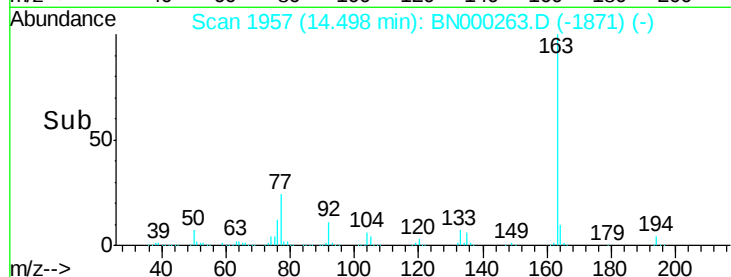
164 10.2 8.2 12.4



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: 39.866 ng

RT: 14.62 min Scan# 1978

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

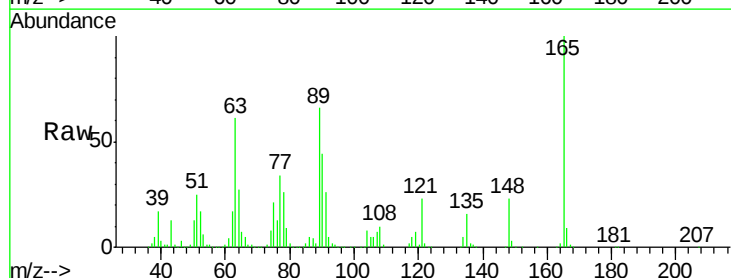
Tgt Ion:165 Resp: 467449

Ion Ratio Lower Upper

165 100

63 61.1 52.7 79.1

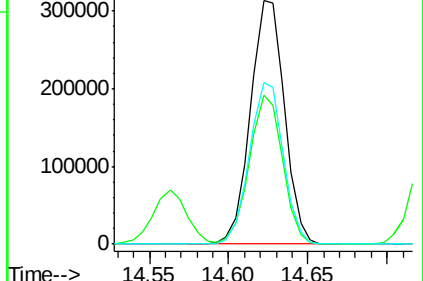
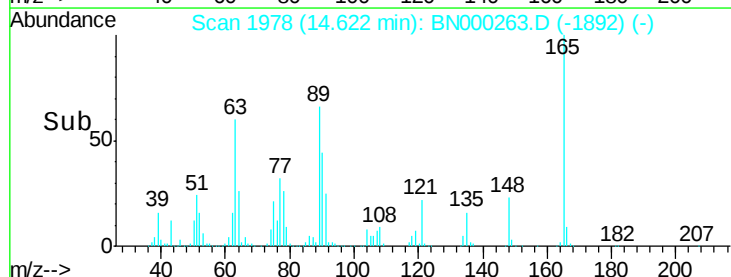
89 66.3 49.2 73.8

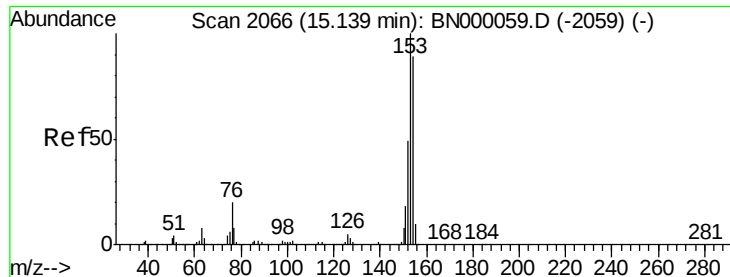


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 40.254 ng

RT: 15.12 min Scan# 2063

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Instrument :

BNA_N

ClientSampleId :

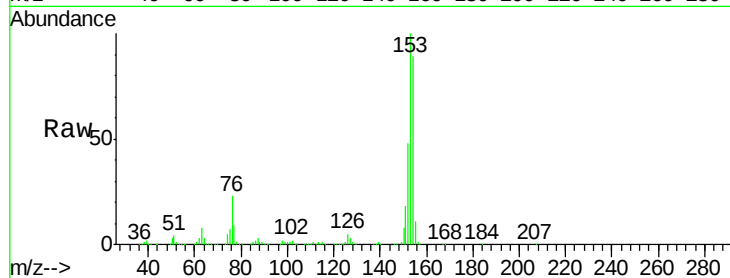
Tot Ion:154 Resp: 1895522

Ion Ratio Lower Upper

154 100

153 111.9 90.4 135.6

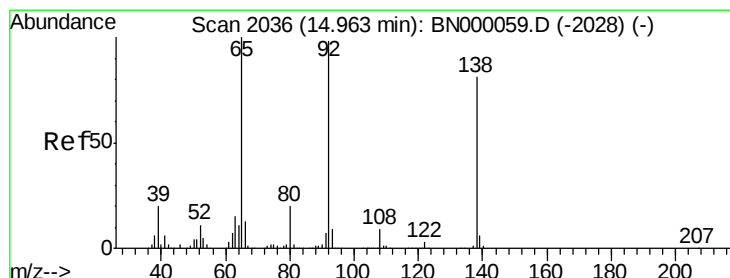
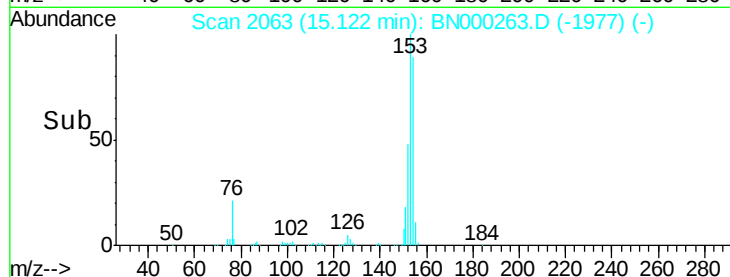
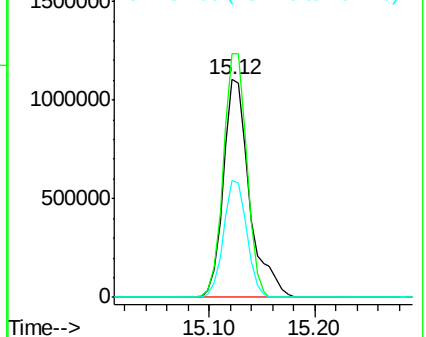
152 53.7 41.6 62.4



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: 24.270 ng

RT: 14.95 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

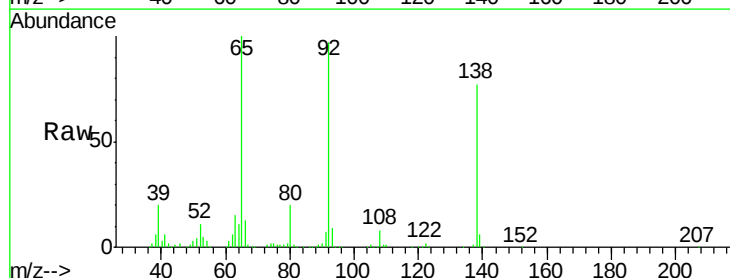
Tgt Ion:138 Resp: 345926

Ion Ratio Lower Upper

138 100

108 11.0 17.5 26.3#

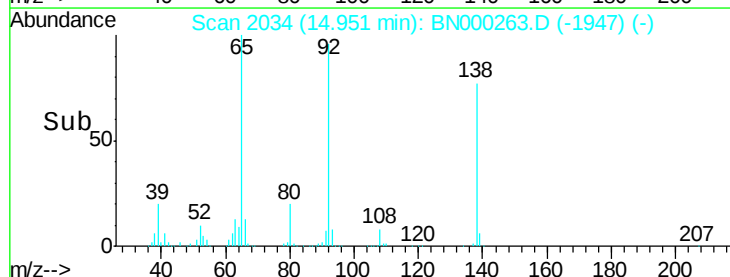
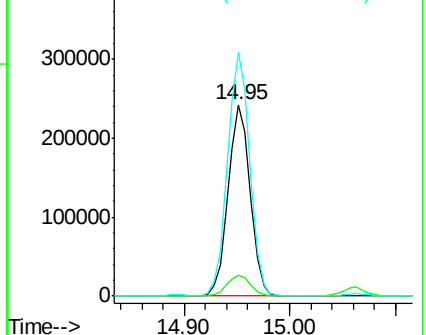
92 127.2 105.8 158.8

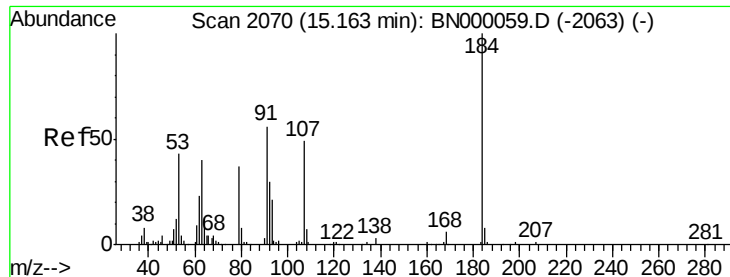


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#53

2,4-Dinitrophenol

Concen: 83.234 ng

RT: 15.15 min Scan# 2068

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Instrument :

BNA_N

ClientSampled :

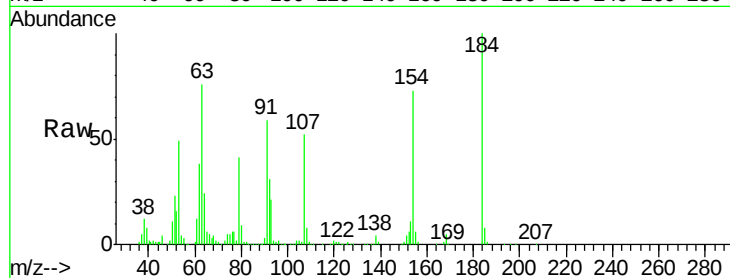
Tot Ion:184 Resp: 347906

Ion Ratio Lower Upper

184 100

63 75.7 80.0 120.0#

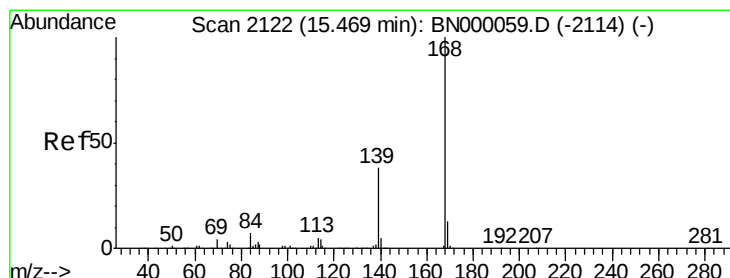
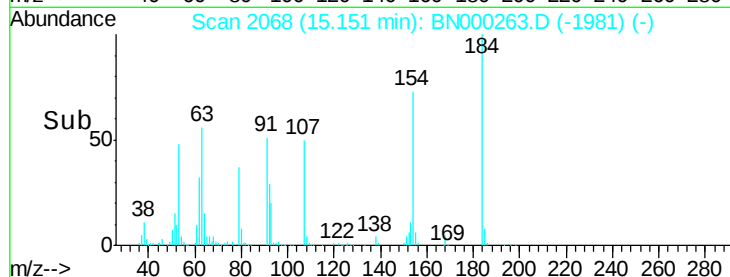
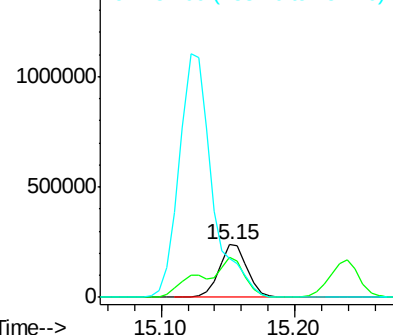
154 73.1 308.0 462.0#



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: 38.749 ng

RT: 15.45 min Scan# 2119

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

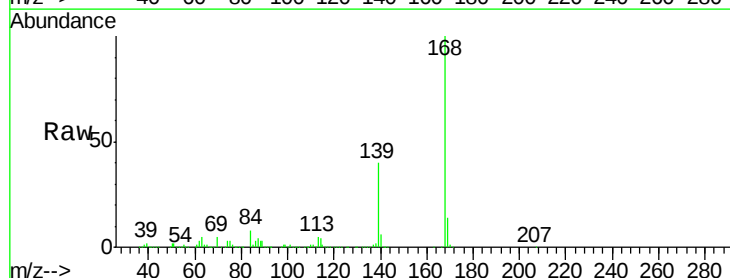
Tgt Ion:168 Resp: 2584123

Ion Ratio Lower Upper

168 100

139 39.9 28.6 43.0

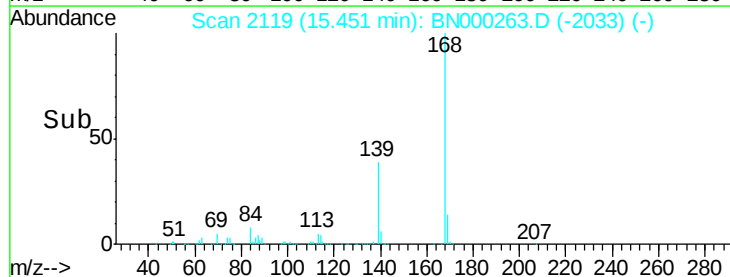
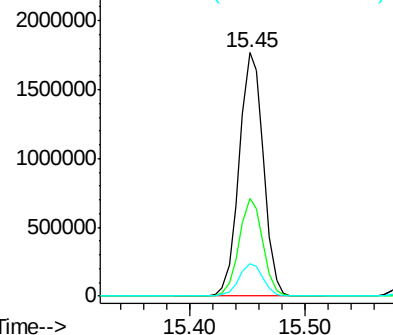
169 13.6 11.2 16.8

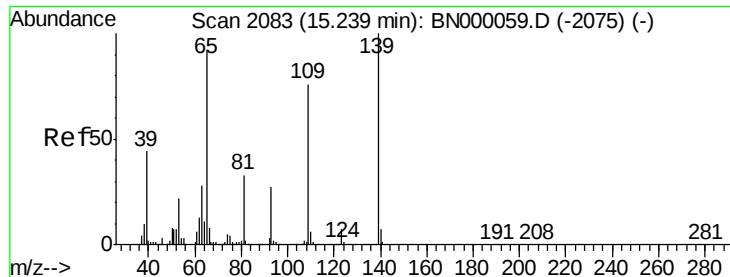


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 77.939 ng

RT: 15.24 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Instrument :

BNA_N

ClientSampled :

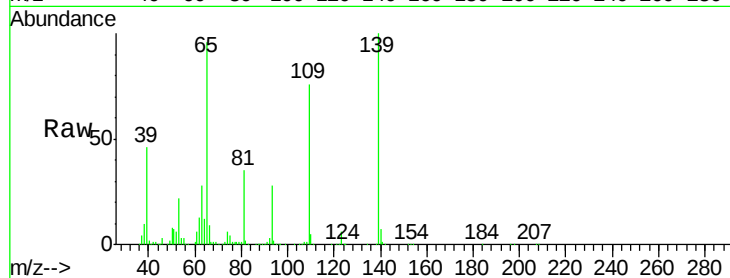
Tot Ion:139 Resp: 908747

Ion Ratio Lower Upper

139 100

109 75.8 62.2 102.2

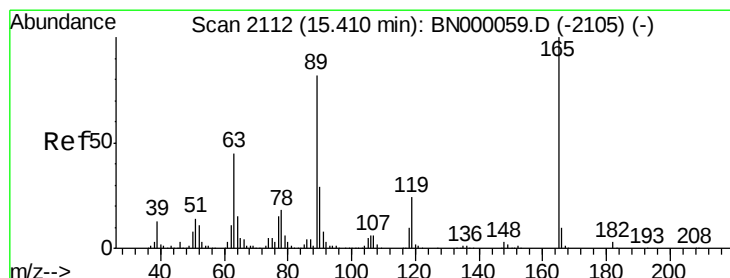
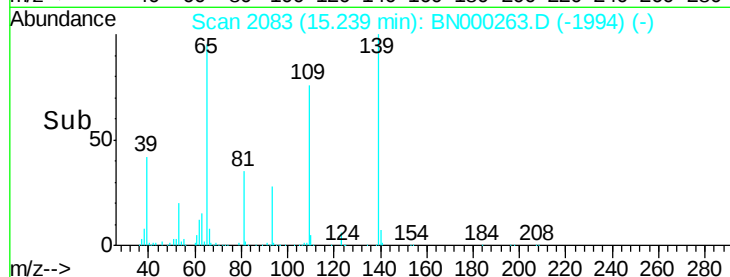
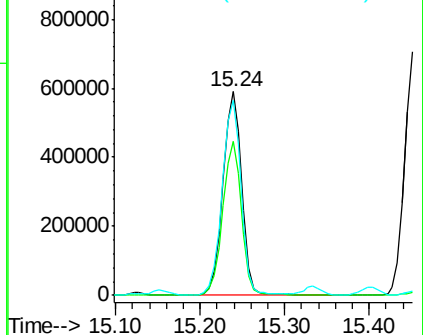
65 96.1 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC



#56

2,4-Dinitrotoluene

Concen: 39.572 ng

RT: 15.40 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Tgt Ion:165 Resp: 650749

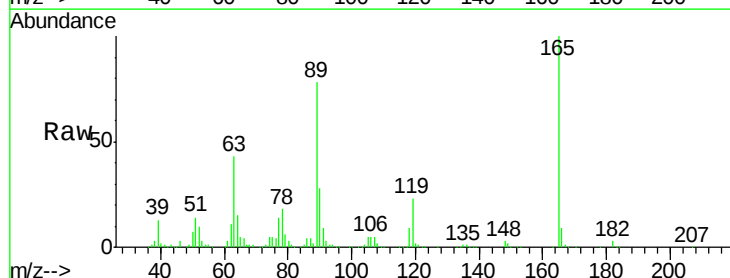
Ion Ratio Lower Upper

165 100

63 43.4 42.0 63.0

89 78.1 66.9 100.3

182 2.7 2.6 3.8

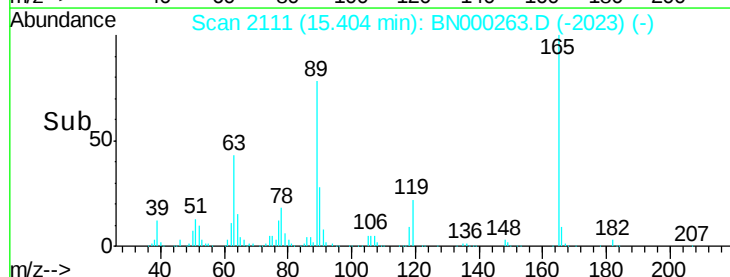
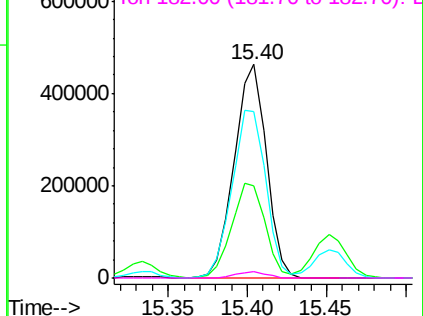


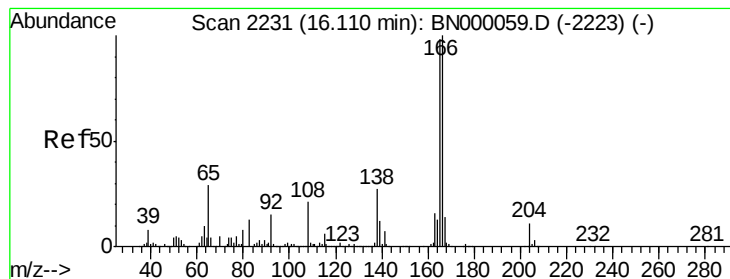
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.165 ng

RT: 16.10 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Instrument :

BNA_N

ClientSampleId :

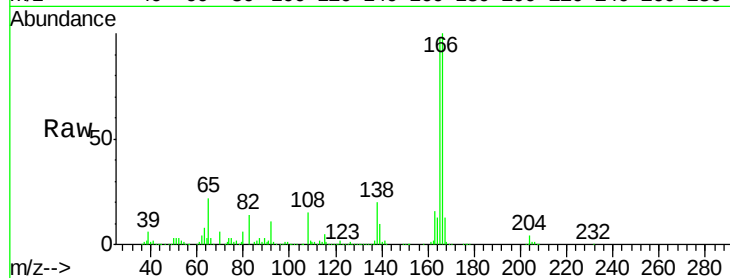
Tot Ion:166 Resp: 2078235

Ion Ratio Lower Upper

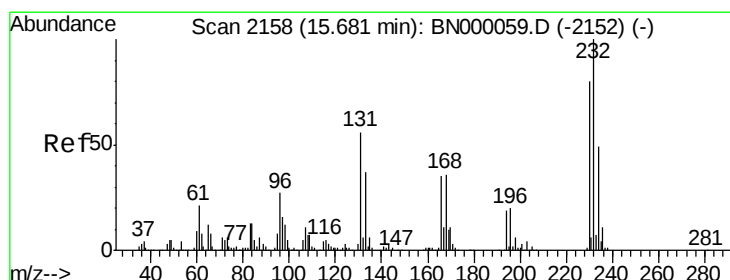
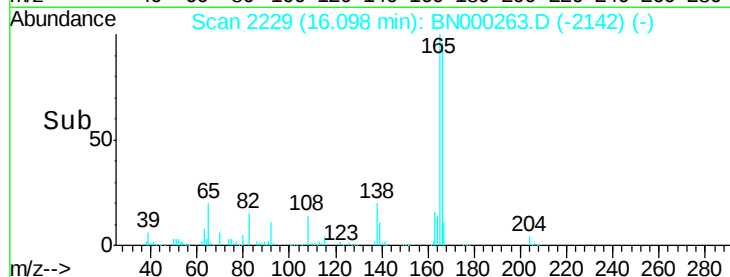
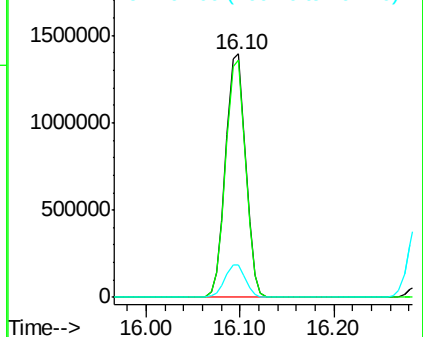
166 100

165 97.5 80.6 121.0

167 13.3 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: 43.423 ng

RT: 15.67 min Scan# 2156

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Tgt Ion:232 Resp: 495194

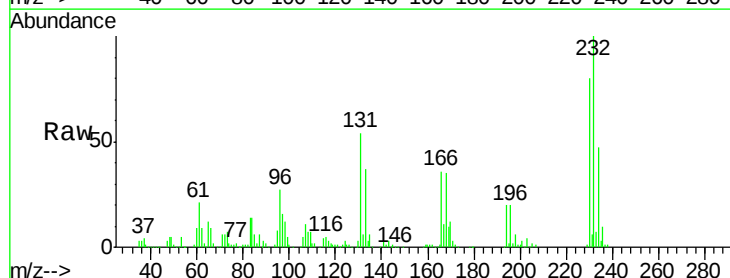
Ion Ratio Lower Upper

232 100

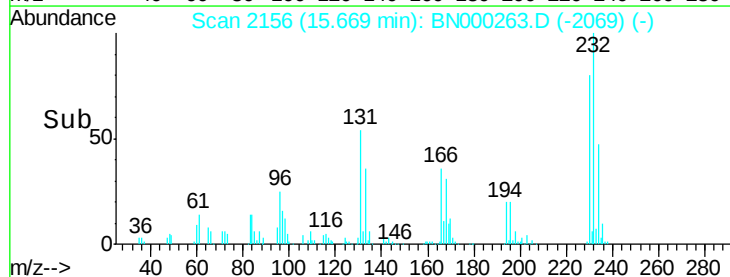
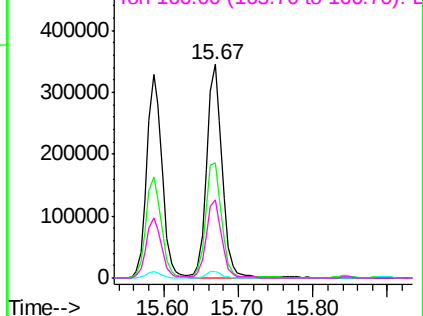
131 56.0 33.5 50.3#

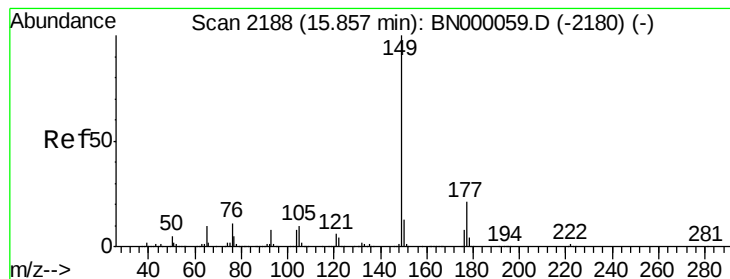
130 3.0 2.2 3.2

166 35.9 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: 38.185 ng

RT: 15.85 min Scan# 2186

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Instrument :

BNA_N

ClientSampleId :

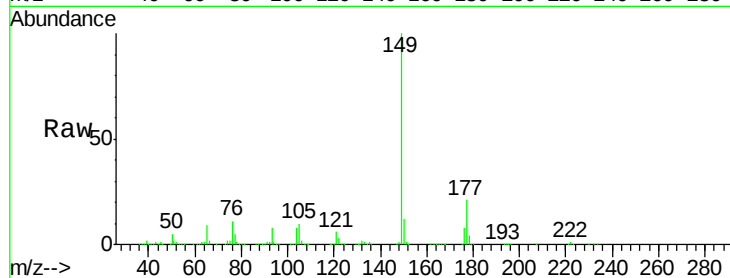
Tot Ion:149 Resp: 2204033

Ion Ratio Lower Upper

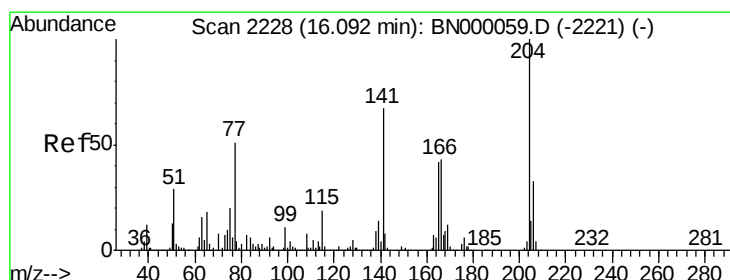
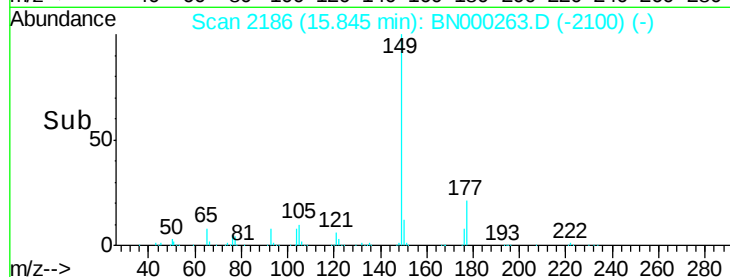
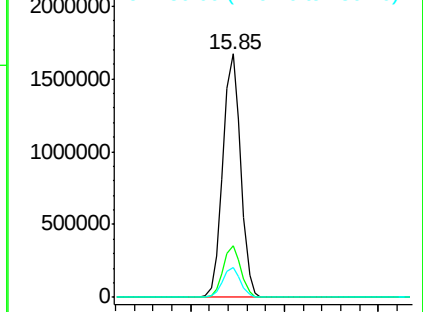
149 100

177 21.0 18.5 27.7

150 12.4 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.860 ng

RT: 16.08 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

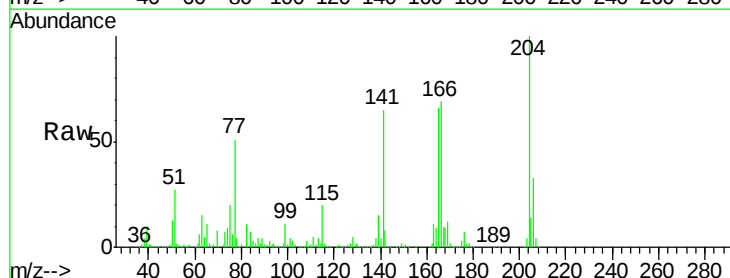
Tgt Ion:204 Resp: 939508

Ion Ratio Lower Upper

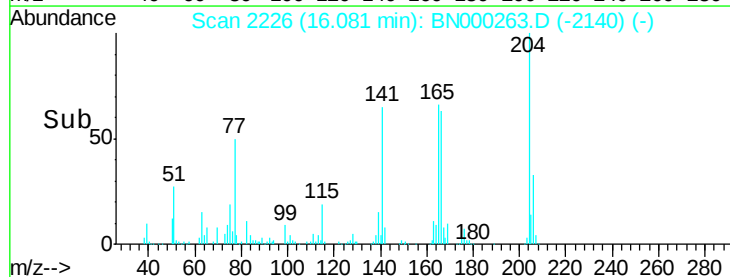
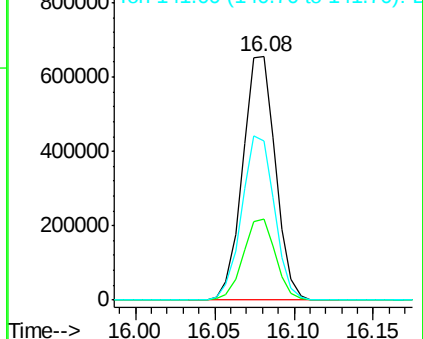
204 100

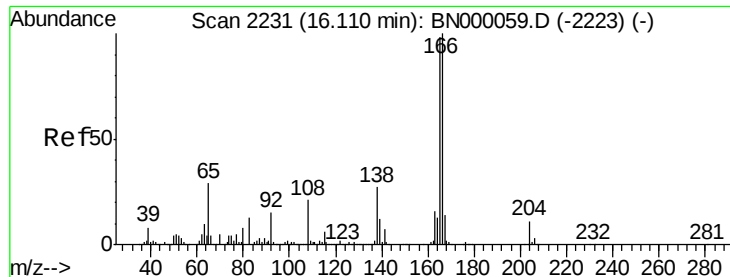
206 33.4 26.2 39.2

141 65.1 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.702 ng

RT: 16.10 min Scan# 2230

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Instrument :

BNA_N

ClientSampleId :

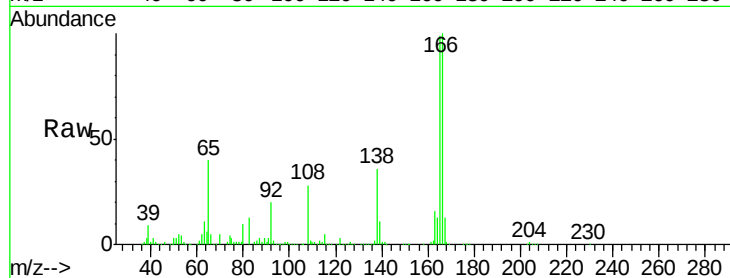
Tot Ion:138 Resp: 537508

Ion Ratio Lower Upper

138 100

92 55.1 40.1 80.1

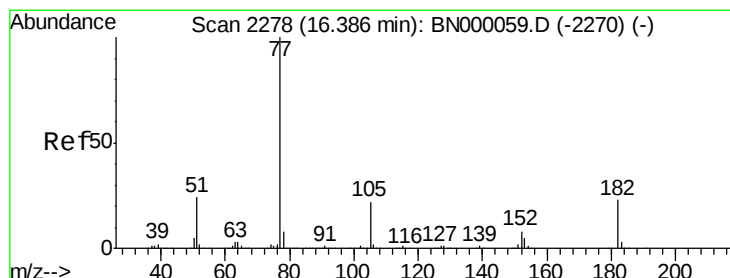
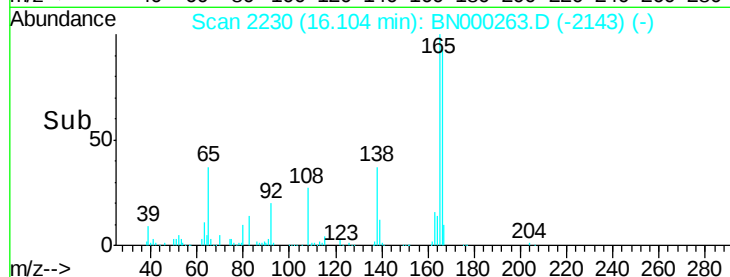
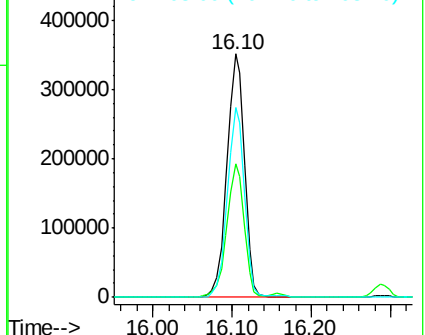
108 77.9 65.4 105.4



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: 42.190 ng

RT: 16.37 min Scan# 2275

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Tgt Ion: 77 Resp: 2424100

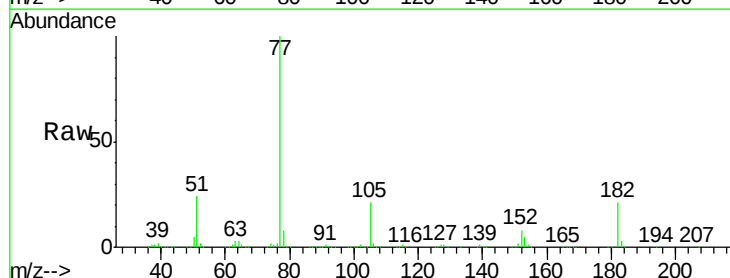
Ion Ratio Lower Upper

77 100

182 21.1 7.4 47.4

105 21.4 0.3 40.3

51 23.5 11.6 51.6

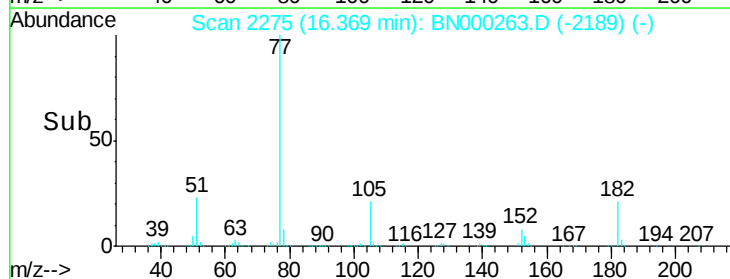
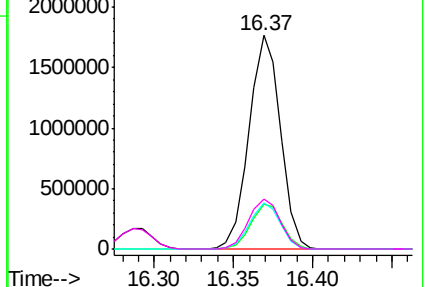


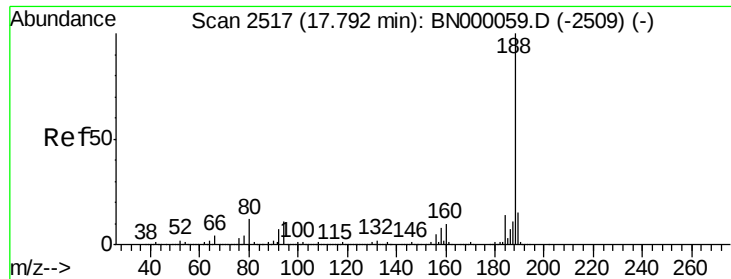
Abundance Ion 77.00 (76.70 to 77.70): BNC

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

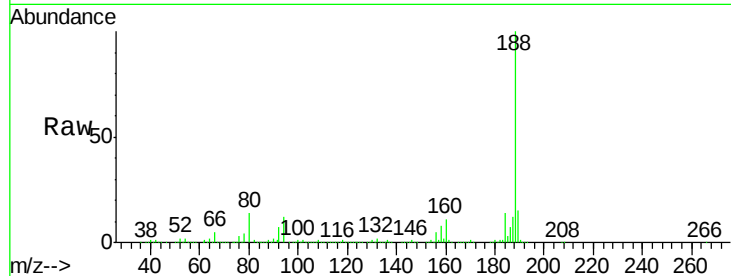




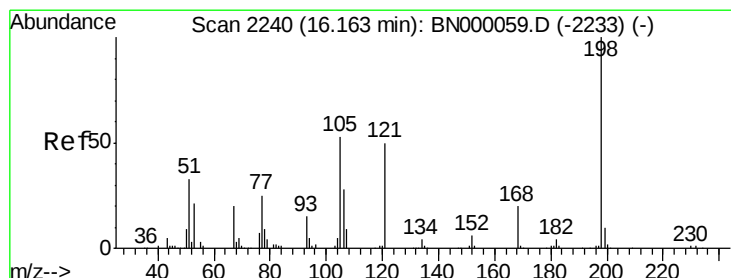
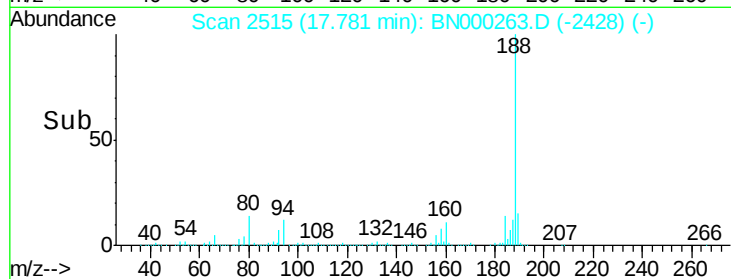
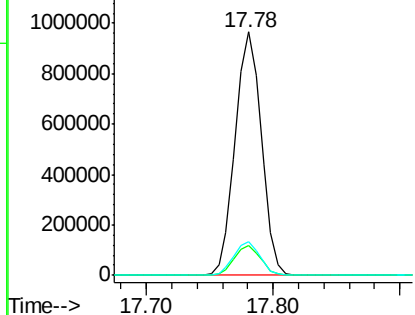
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.78 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BN000263.D
Acq: 06 Mar 2018 14:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion:188 Resp: 1381460
Ion Ratio Lower Upper
188 100
94 12.3 6.9 10.3#
80 13.8 7.7 11.5#

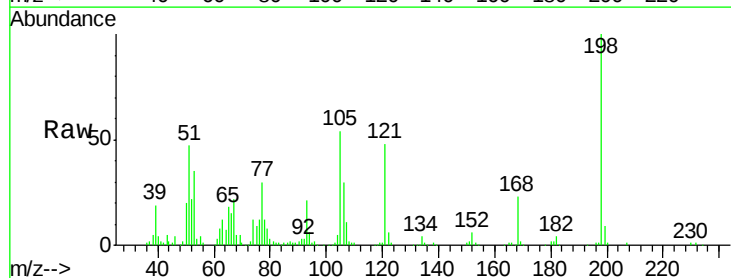


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

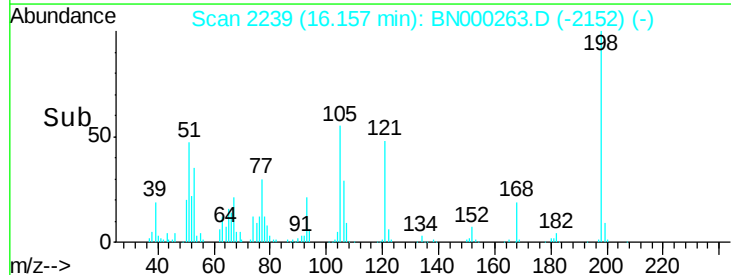
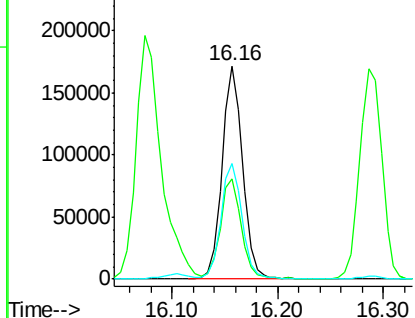


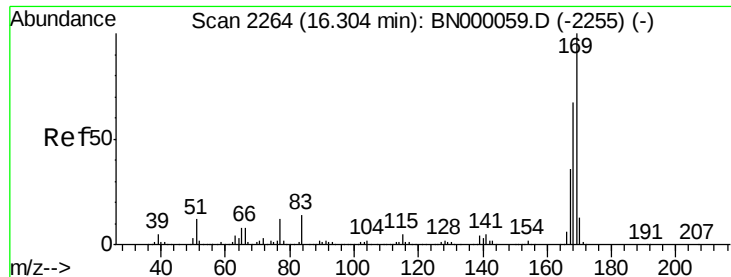
#64
4,6-Dinitro-2-methylphenol
Concen: 37.757 ng
RT: 16.16 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BN000263.D
Acq: 06 Mar 2018 14:49

Tgt Ion:198 Resp: 232121
Ion Ratio Lower Upper
198 100
51 47.1 30.6 70.6
105 54.4 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: 40.680 ng

RT: 16.29 min Scan# 2262

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Instrument :

BNA_N

ClientSampleId :

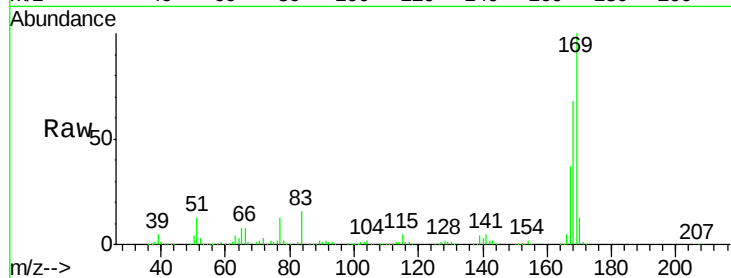
Tot Ion:169 Resp: 1828594

Ion Ratio Lower Upper

169 100

168 67.8 55.7 83.5

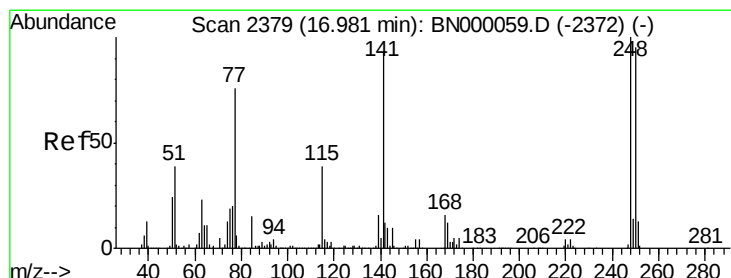
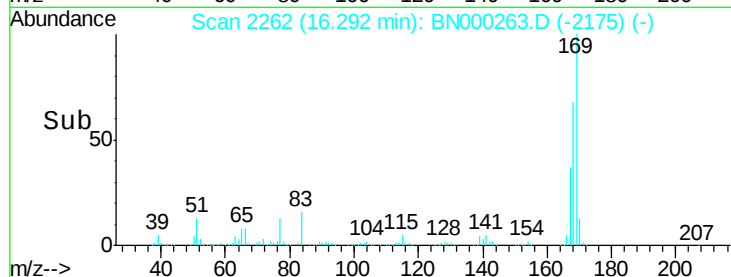
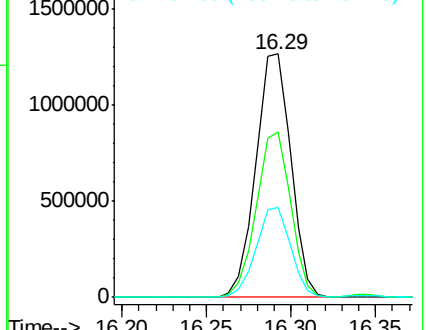
167 36.9 30.1 45.1



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



#66

4-Bromophenyl-phenylether

Concen: 40.650 ng

RT: 16.97 min Scan# 2377

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

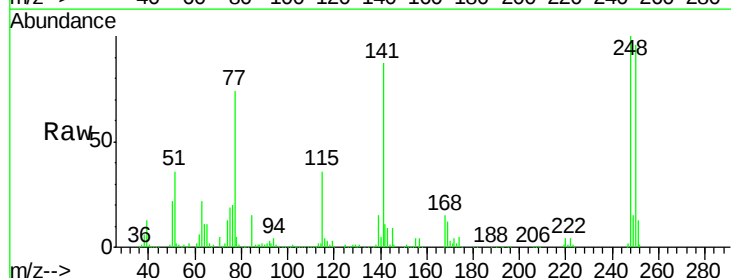
Tgt Ion:248 Resp: 534022

Ion Ratio Lower Upper

248 100

250 95.7 77.1 115.7

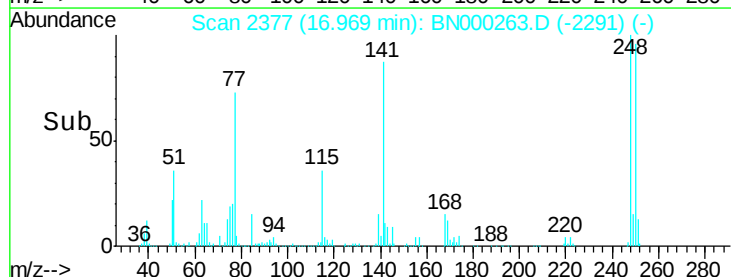
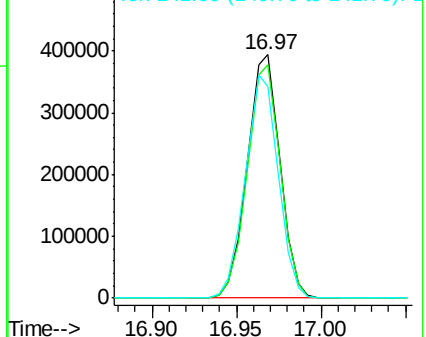
141 87.0 50.8 76.2#

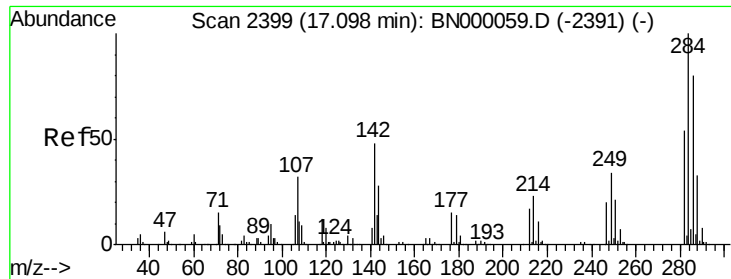


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

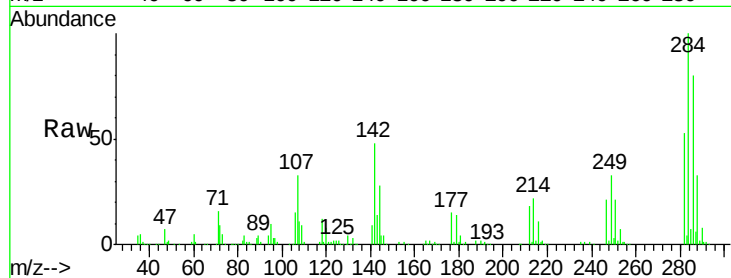




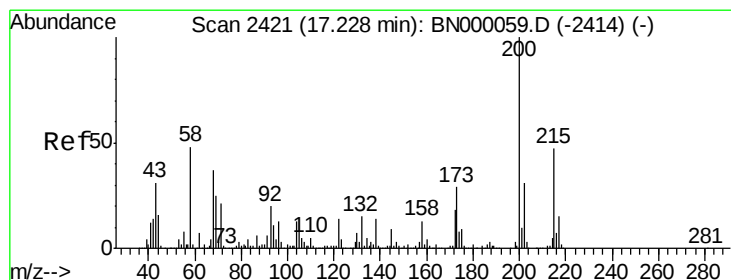
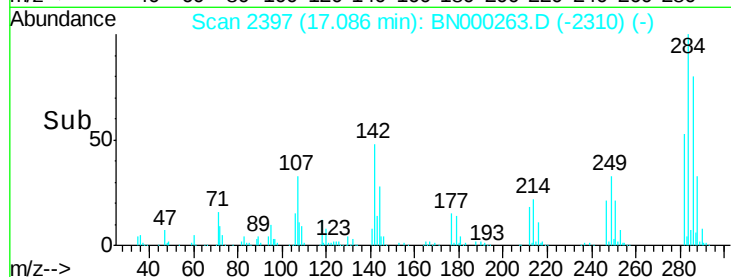
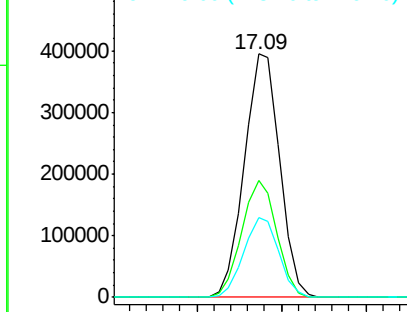
#67
Hexachlorobenzene
Concen: 37.498 ng
RT: 17.09 min Scan# 2397
Delta R.T. -0.02 min
Lab File: BN000263.D
Acq: 06 Mar 2018 14:49

Instrument :
BNA_N
ClientSampled :

Tot Ion:284 Resp: 575288
Ion Ratio Lower Upper
284 100
142 47.8 26.8 40.2#
249 33.0 26.3 39.5

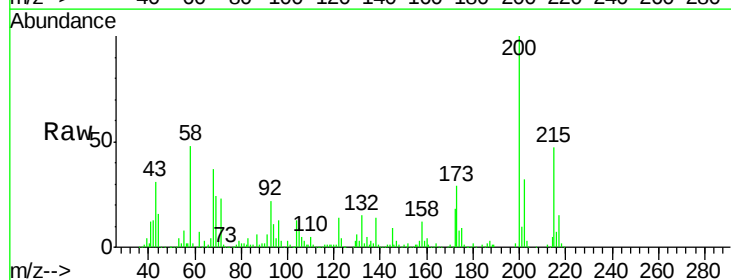


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

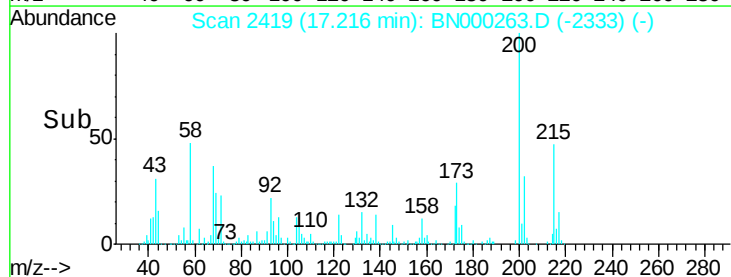
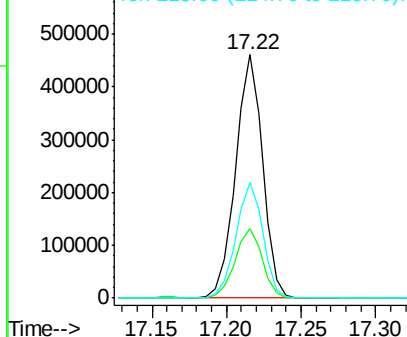


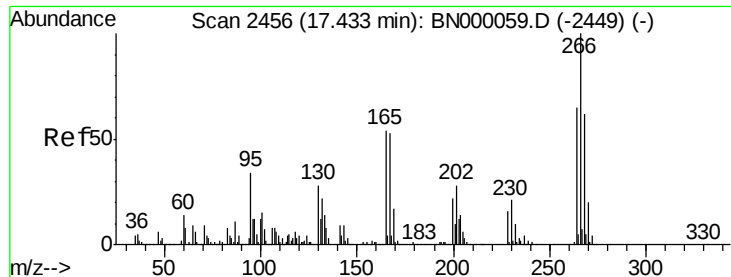
#68
Atrazine
Concen: 39.738 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.02 min
Lab File: BN000263.D
Acq: 06 Mar 2018 14:49

Tgt Ion:200 Resp: 581353
Ion Ratio Lower Upper
200 100
173 28.6 5.2 45.2
215 47.4 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

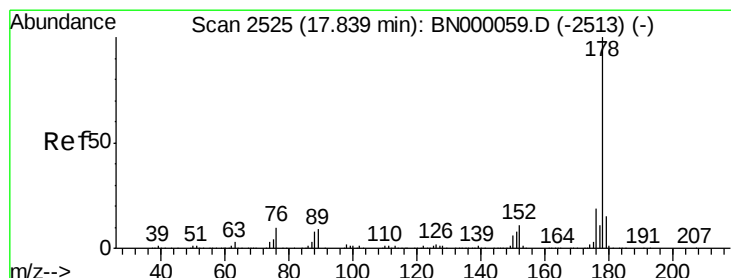
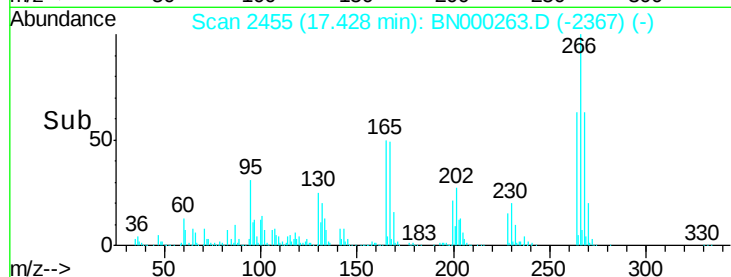
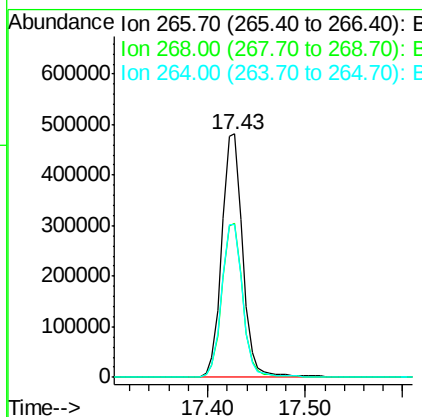
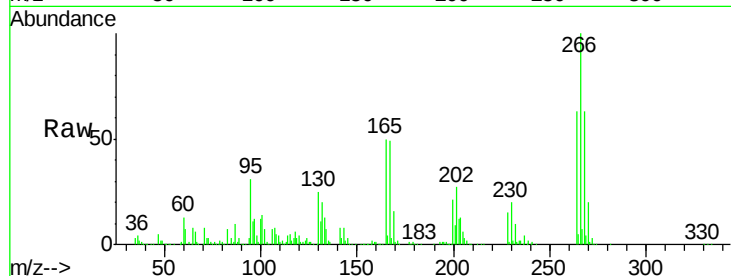




#69
 Pentachlorophenol
 Concen: 68.799 ng
 RT: 17.43 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BN000263.D
 Acq: 06 Mar 2018 14:49

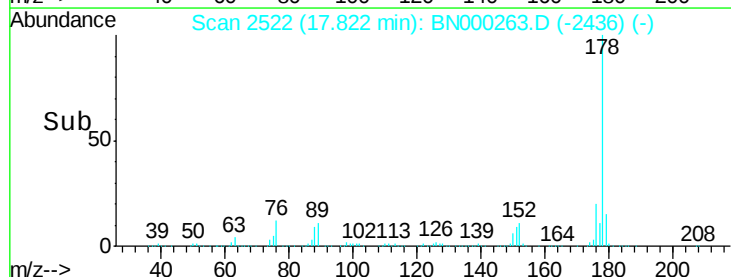
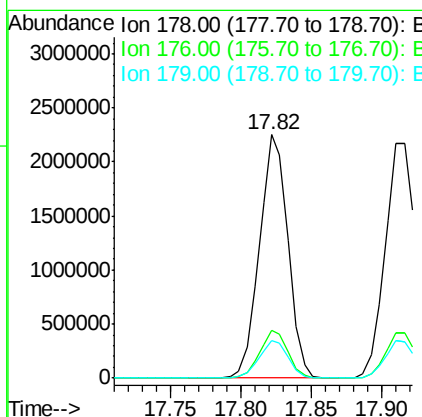
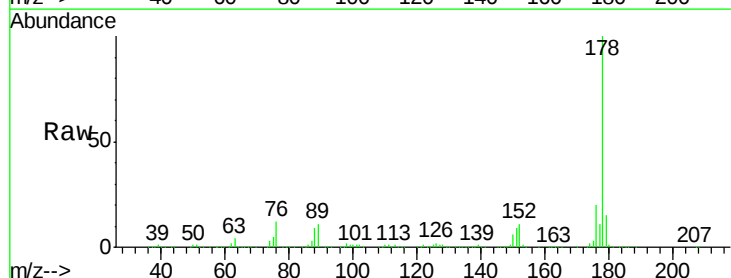
Instrument :
 BNA_N
 ClientSampleId :

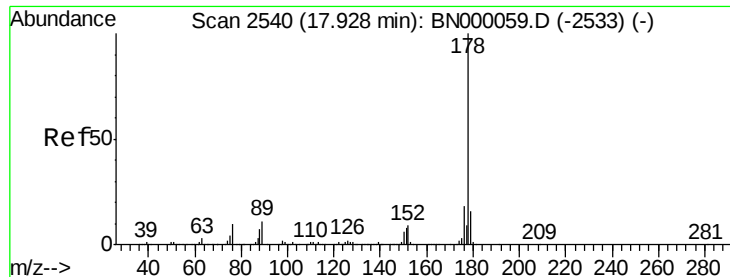
Tot Ion:266 Resp: 717458
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.1 76.7
 264 62.7 49.6 74.4



#70
 Phenanthrene
 Concen: 39.182 ng
 RT: 17.82 min Scan# 2522
 Delta R.T. -0.02 min
 Lab File: BN000263.D
 Acq: 06 Mar 2018 14:49

Tgt Ion:178 Resp: 3197274
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.7 23.5
 179 15.5 12.5 18.7

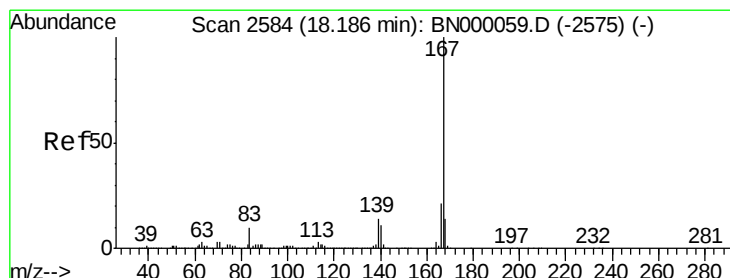
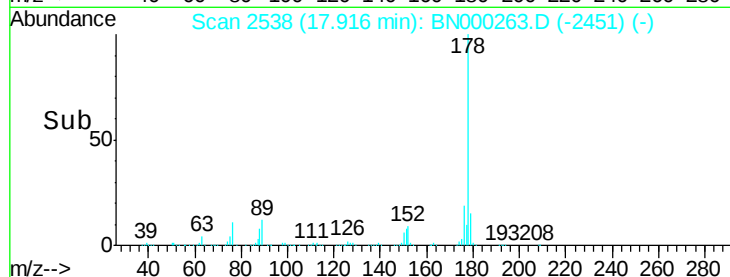
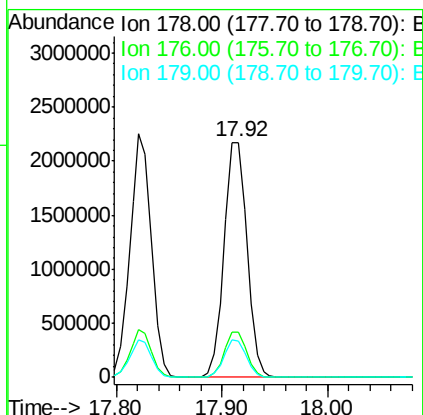
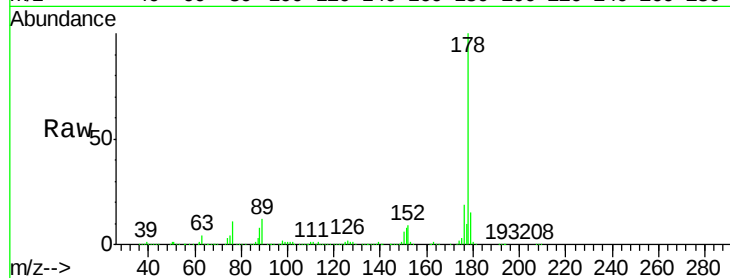




#71
 Anthracene
 Concen: 41.397 ng
 RT: 17.92 min Scan# 2538
 Delta R.T. -0.02 min
 Lab File: BN000263.D
 Acq: 06 Mar 2018 14:49

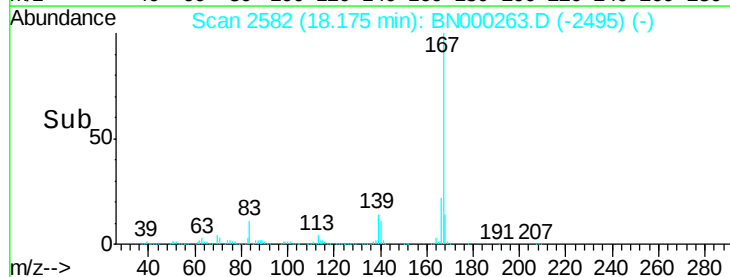
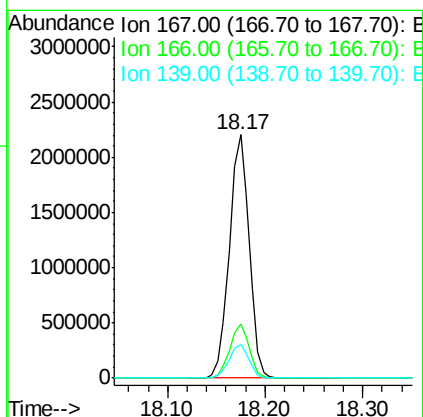
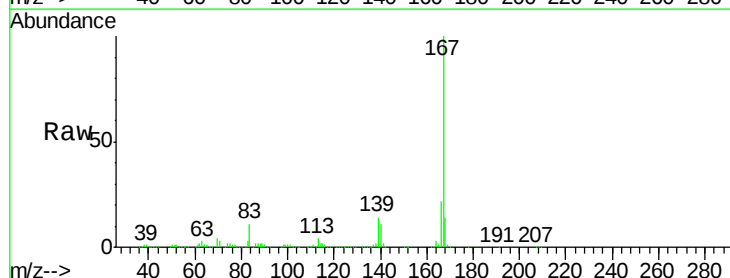
Instrument :
 BNA_N
 ClientSampleId :

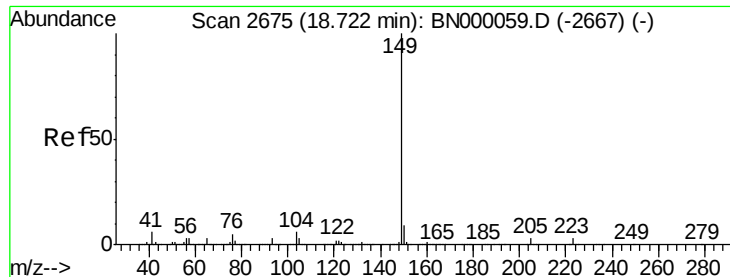
Tot Ion:178 Resp: 3270870
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.0 24.0
 179 15.5 12.5 18.7



#72
 Carbazole
 Concen: 38.863 ng
 RT: 18.17 min Scan# 2582
 Delta R.T. -0.02 min
 Lab File: BN000263.D
 Acq: 06 Mar 2018 14:49

Tgt Ion:167 Resp: 3093507
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.4
 139 13.9 9.4 14.2





#73

Di-n-butylphthalate

Concen: 41.921 ng

RT: 18.70 min Scan# 2671

Delta R.T. -0.03 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Instrument :

BNA_N

ClientSampleId :

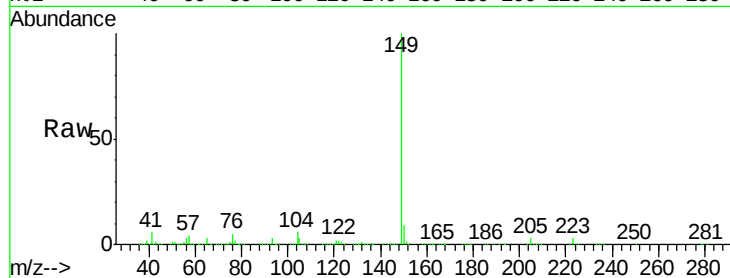
Tot Ion:149 Resp: 3683761

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

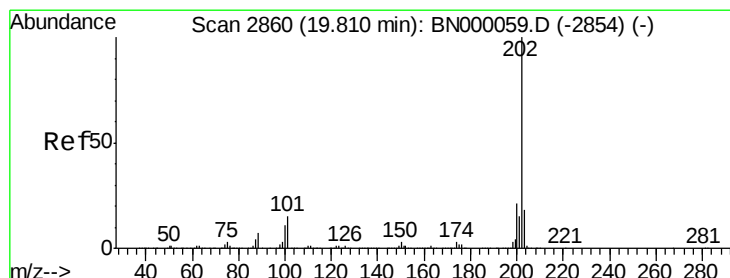
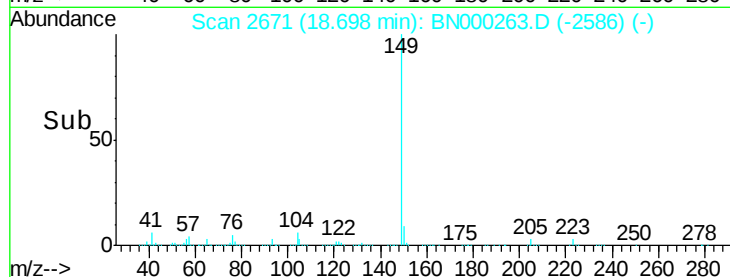
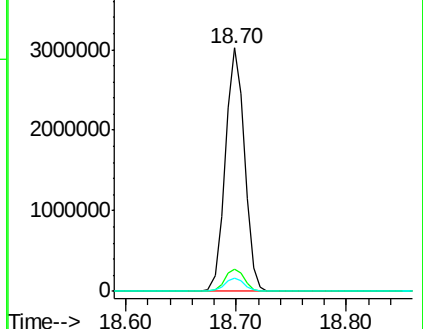
104 5.6 3.9 5.9



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: 40.527 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

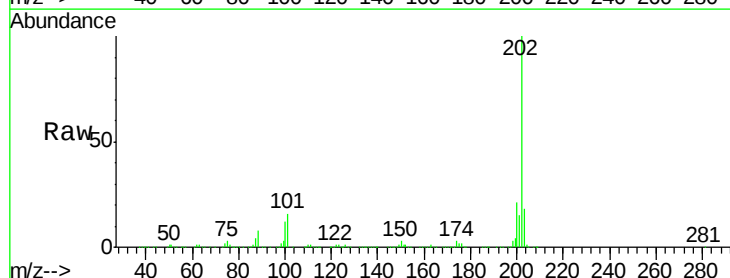
Tgt Ion:202 Resp: 3469405

Ion Ratio Lower Upper

202 100

101 16.1 0.0 28.9

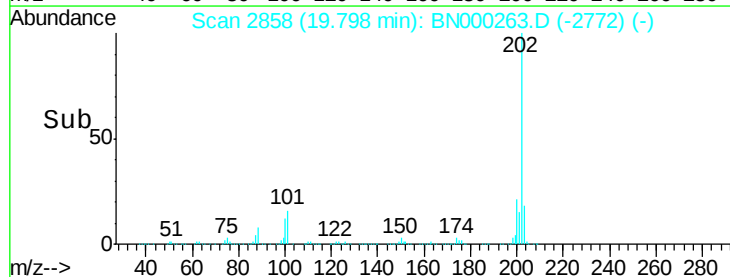
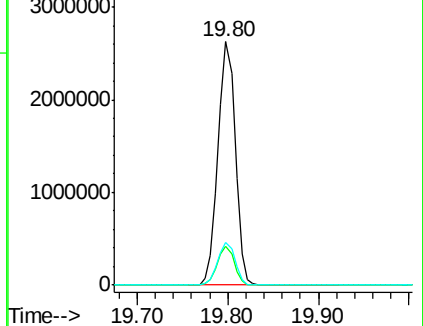
203 17.6 0.0 37.5

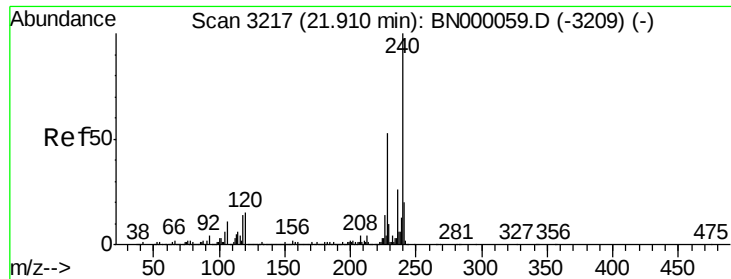


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN000263.D

Acq: 06 Mar 2018 14:49

Instrument :

BNA_N

ClientSampleId :

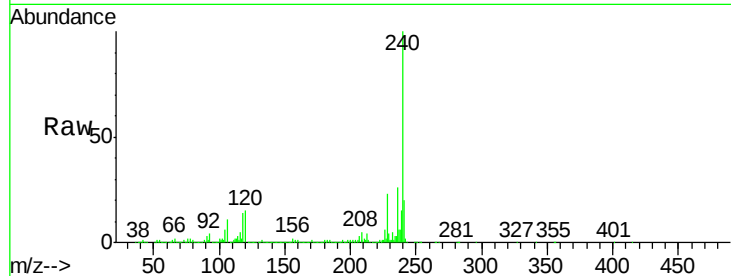
Tot Ion:240 Resp: 1369575

Ion Ratio Lower Upper

240 100

120 15.2 6.8 10.2#

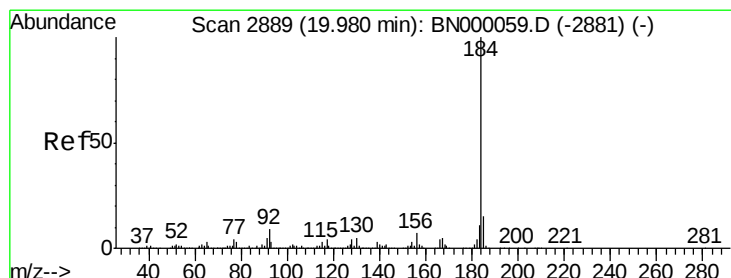
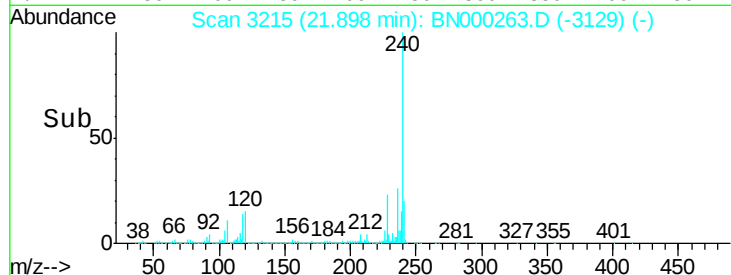
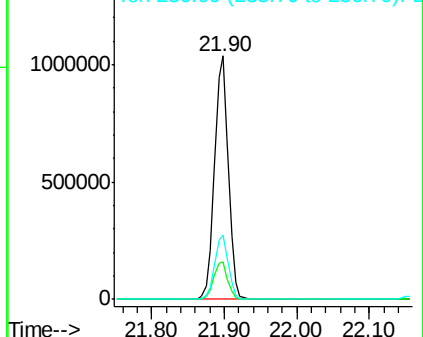
236 26.4 20.9 31.3



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: 34.153 ng

RT: 19.96 min Scan# 2886

Delta R.T. -0.02 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

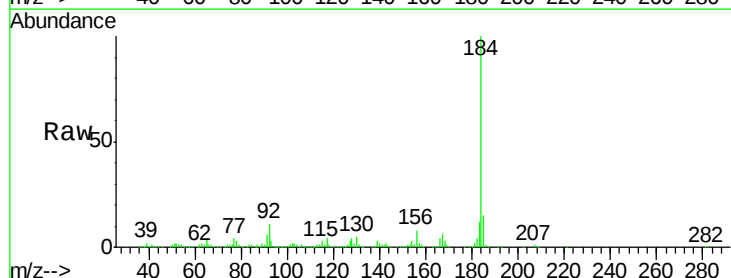
Tgt Ion:184 Resp: 1491039

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

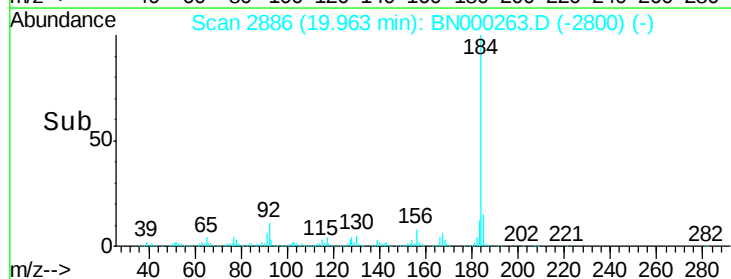
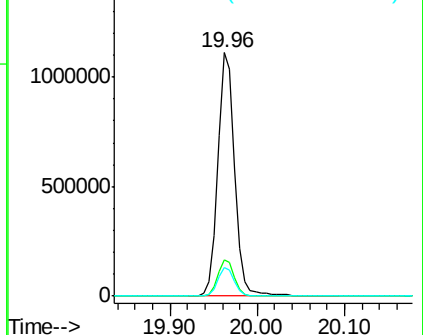
183 11.7 10.6 16.0

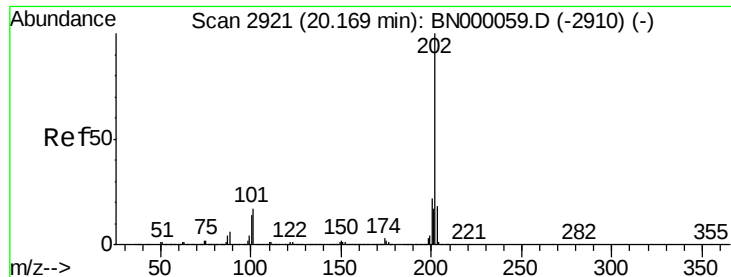


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

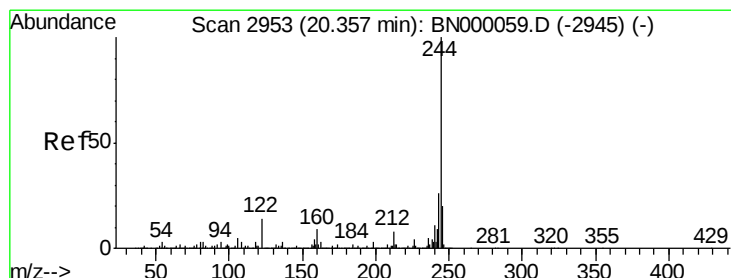
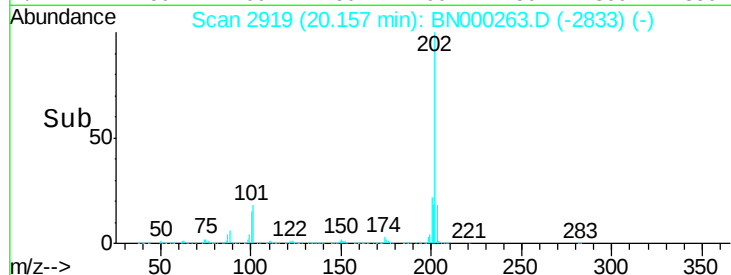
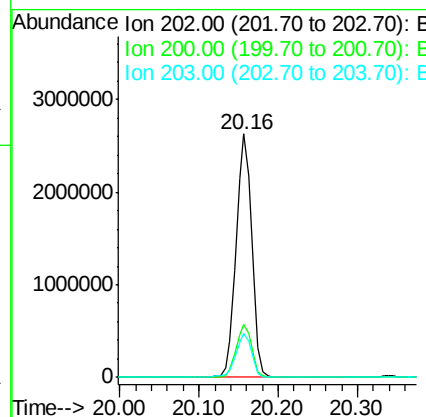
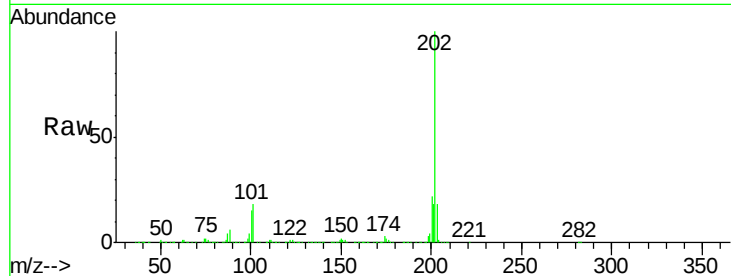




#77
Pvrene
Concen: 41.130 ng
RT: 20.16 min Scan# 2919
Delta R.T. -0.02 min
Lab File: BN000263.D
Acq: 06 Mar 2018 14:49

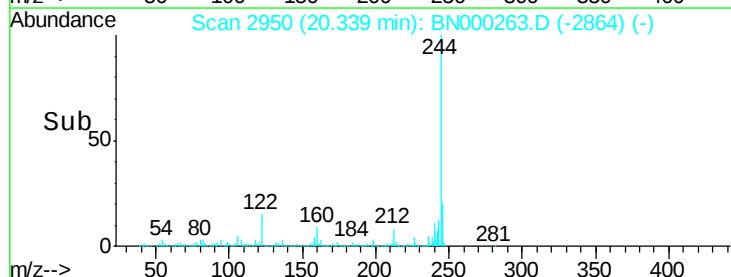
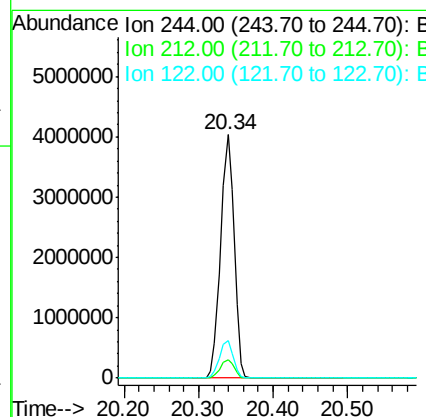
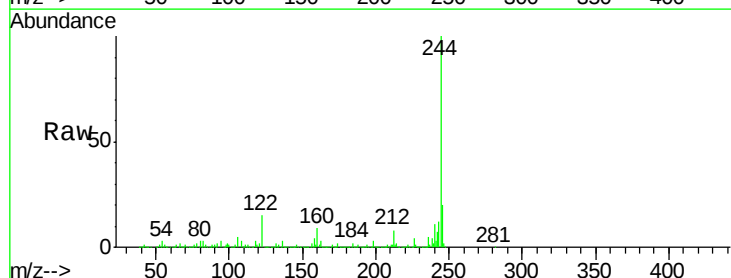
Instrument :
BNA_N
ClientSampleId :

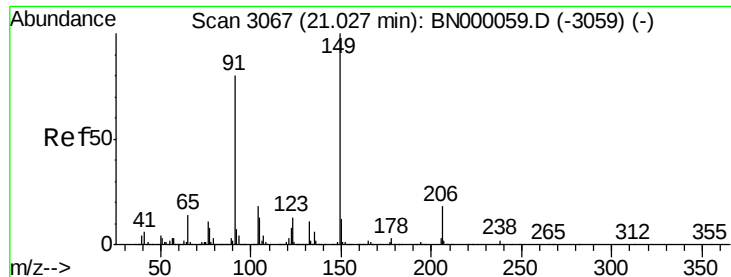
Tot Ion:202 Resp: 3580145
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 17.8 13.9 20.9



#78
Terphenyl-d14
Concen: 99.846 ng
RT: 20.34 min Scan# 2950
Delta R.T. -0.02 min
Lab File: BN000263.D
Acq: 06 Mar 2018 14:49

Tgt Ion:244 Resp: 5064417
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.8
122 15.4 7.0 10.4#

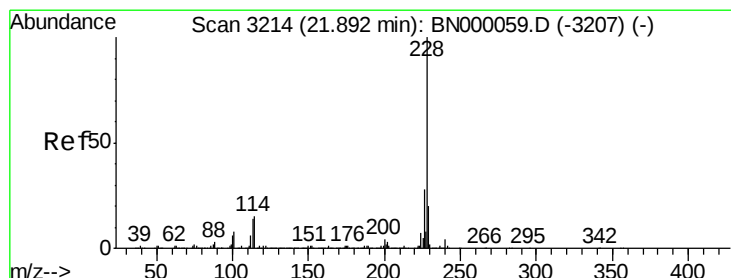
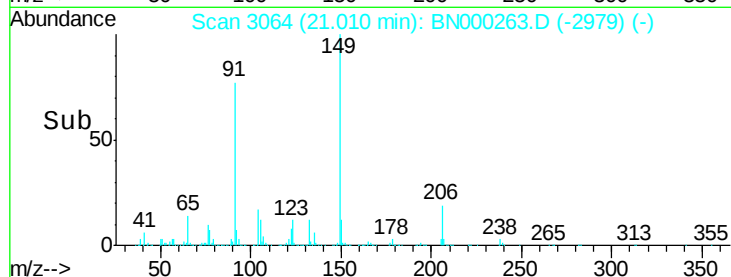
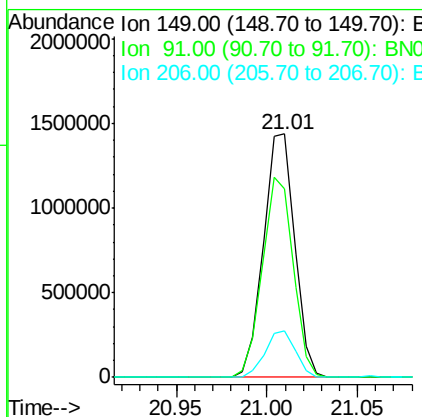
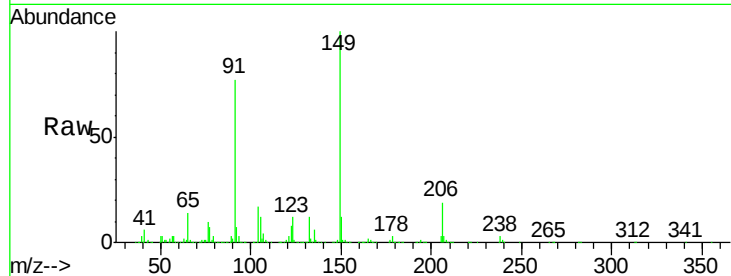




#79
Butylbenzylphthalate
Concen: 42.586 ng
RT: 21.01 min Scan# 3064
Delta R.T. -0.03 min
Lab File: BN000263.D
Acq: 06 Mar 2018 14:49

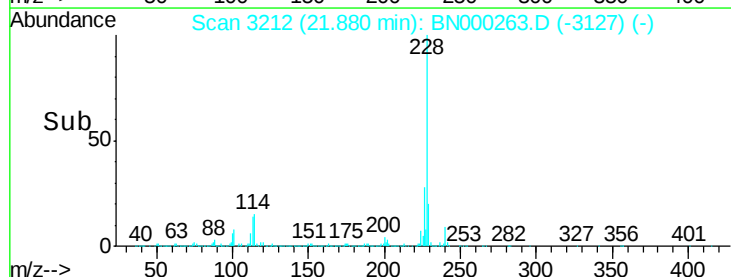
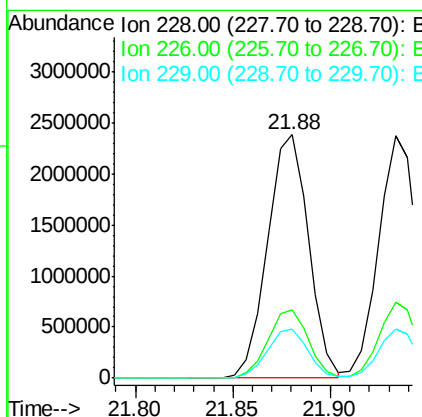
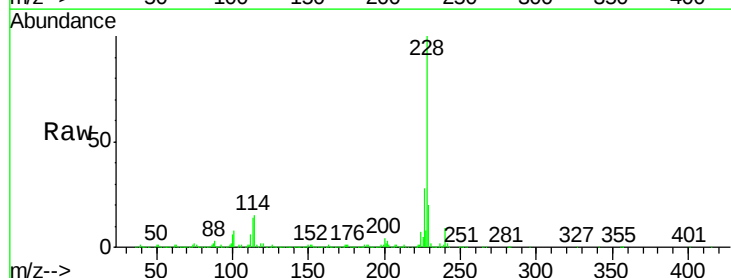
Instrument :
BNA_N
ClientSampleId :

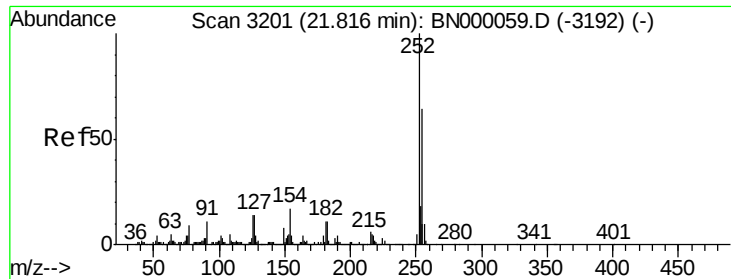
Tot Ion:149 Resp: 1730330
Ion Ratio Lower Upper
149 100
91 77.4 62.2 93.2
206 19.1 18.6 27.8



#80
Benzo(a)anthracene
Concen: 41.262 ng
RT: 21.88 min Scan# 3212
Delta R.T. -0.03 min
Lab File: BN000263.D
Acq: 06 Mar 2018 14:49

Tgt Ion:228 Resp: 3473471
Ion Ratio Lower Upper
228 100
226 28.1 22.7 34.1
229 20.2 16.2 24.2

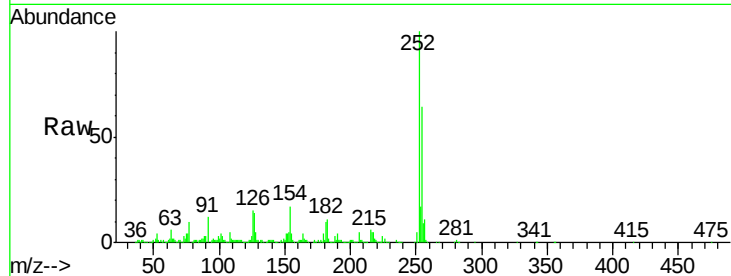




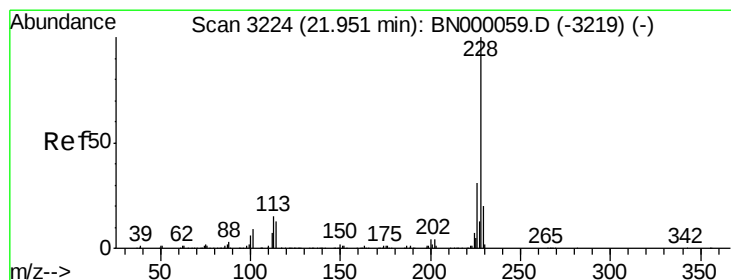
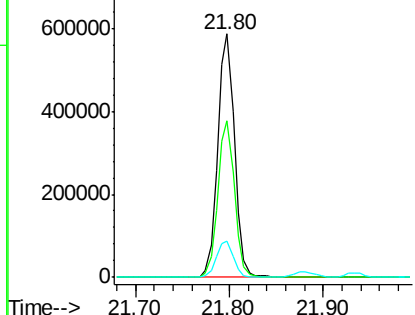
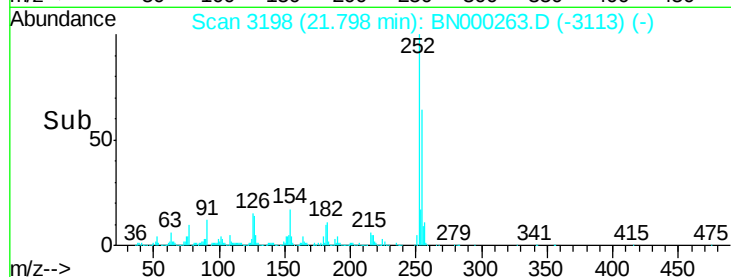
#81
 3,3'-Dichlorobenzidine
 Concen: 23.762 ng
 RT: 21.80 min Scan# 3198
 Delta R.T. -0.03 min
 Lab File: BN000263.D
 Acq: 06 Mar 2018 14:49

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:252 Resp: 734697
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.8 76.2
 126 15.0 7.4 11.2#

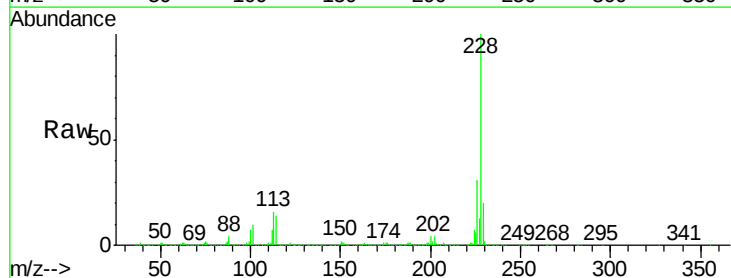


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

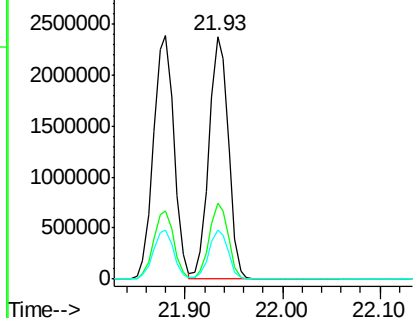
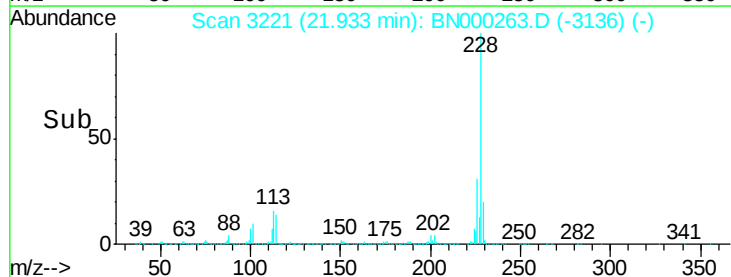


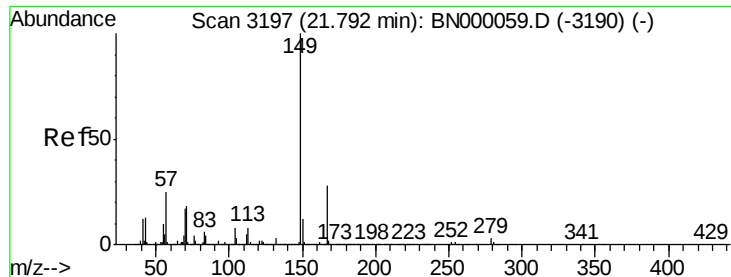
#82
 Chrysene
 Concen: 39.018 ng
 RT: 21.93 min Scan# 3221
 Delta R.T. -0.03 min
 Lab File: BN000263.D
 Acq: 06 Mar 2018 14:49

Tgt Ion:228 Resp: 3273188
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.9 37.3
 229 20.3 15.0 22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.025 ng

RT: 21.76 min Scan# 3192

Delta R.T. -0.05 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

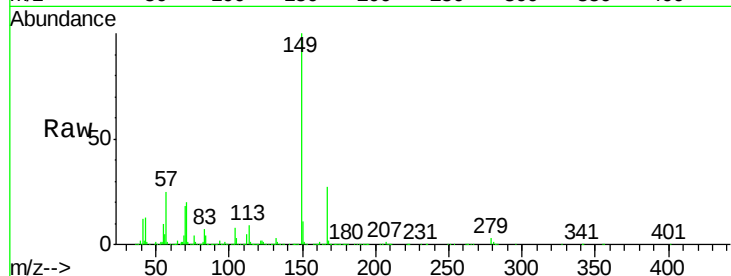
Instrument :

BNA_N

ClientSampleId :

Tot Ion:149 Resp: 2551691

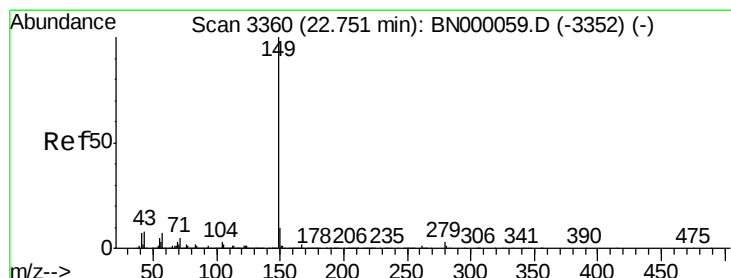
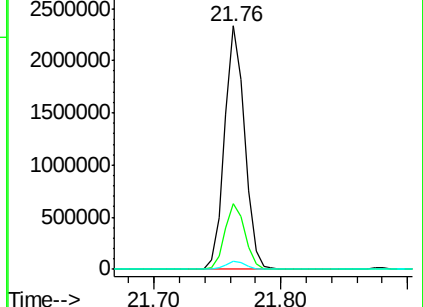
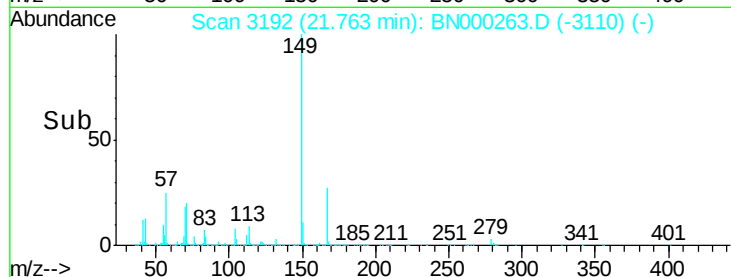
Ion	Ratio	Lower	Upper
149	100		
167	27.0	24.3	36.5
279	3.4	4.0	6.0



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: 45.476 ng

RT: 22.72 min Scan# 3354

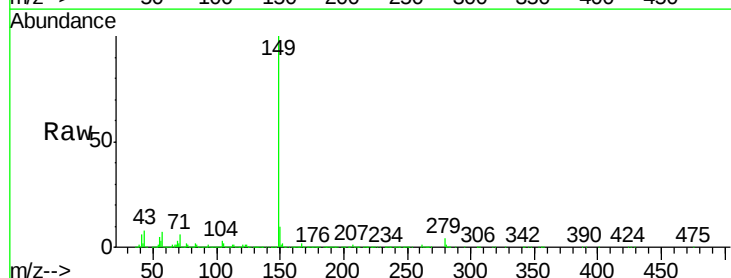
Delta R.T. -0.06 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Tgt Ion:149 Resp: 4533142

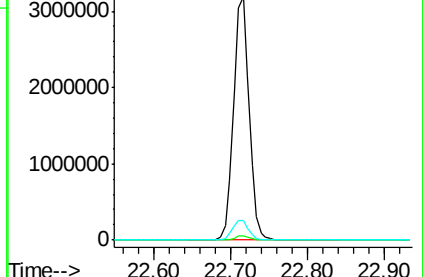
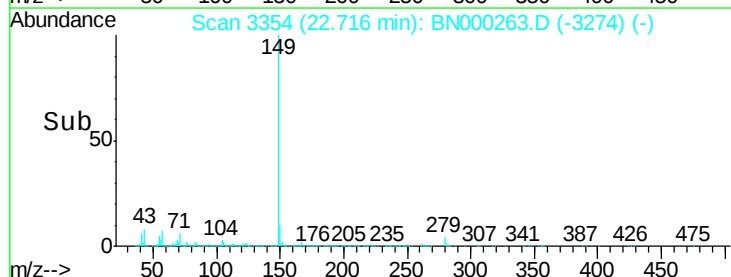
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.4	8.9	13.3

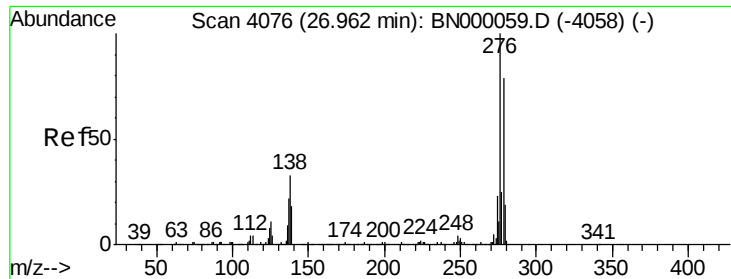


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC

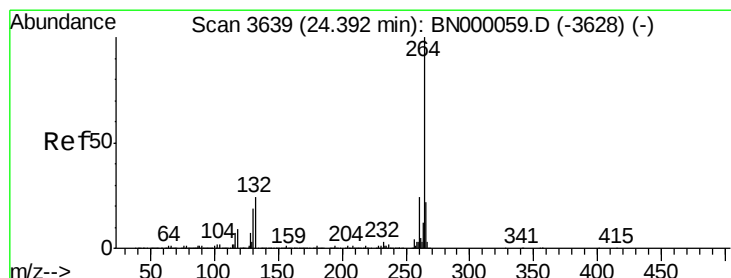
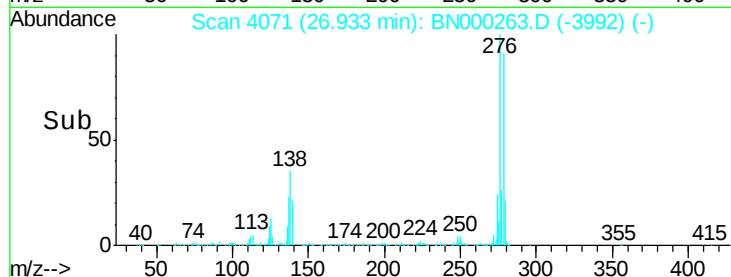
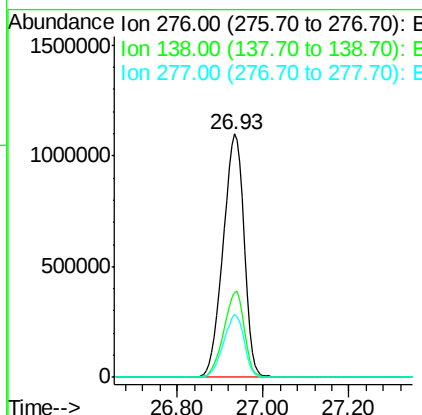
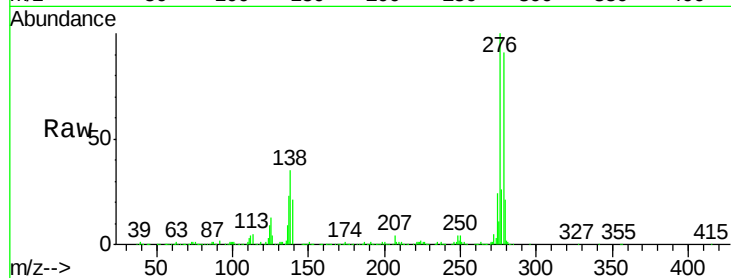




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.869 ng
 RT: 26.93 min Scan# 4071
 Delta R.T. -0.06 min
 Lab File: BN000263.D
 Acq: 06 Mar 2018 14:49

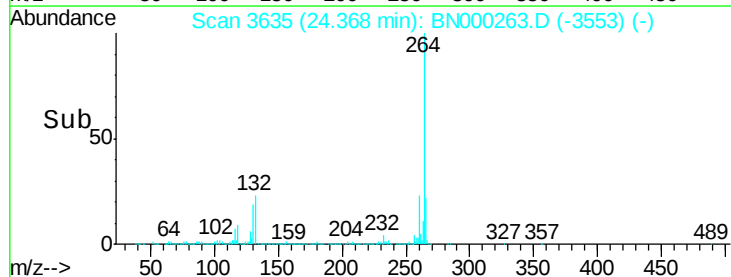
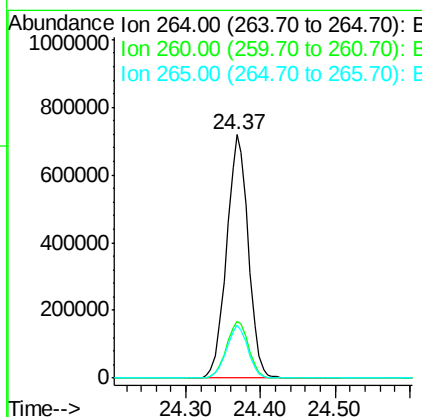
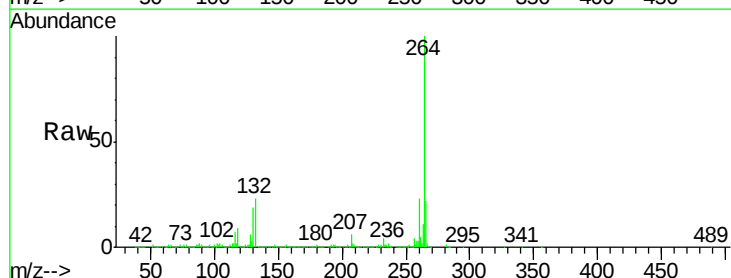
Instrument :
 BNA_N
 ClientSampled :

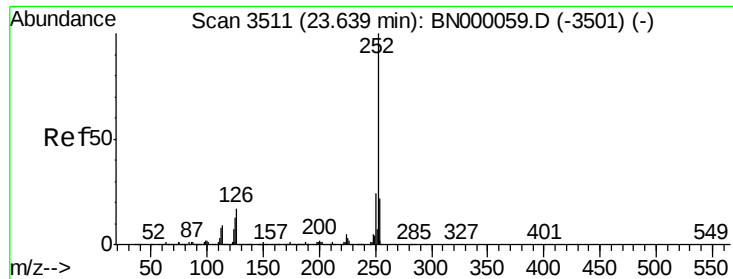
Tot Ion:276 Resp: 3696338
 Ion Ratio Lower Upper
 276 100
 138 34.5 16.0 24.0#
 277 25.5 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.37 min Scan# 3635
 Delta R.T. -0.05 min
 Lab File: BN000263.D
 Acq: 06 Mar 2018 14:49

Tgt Ion:264 Resp: 1450334
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.4 26.0
 265 21.7 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 41.301 ng

RT: 23.62 min Scan# 3508

Delta R.T. -0.04 min

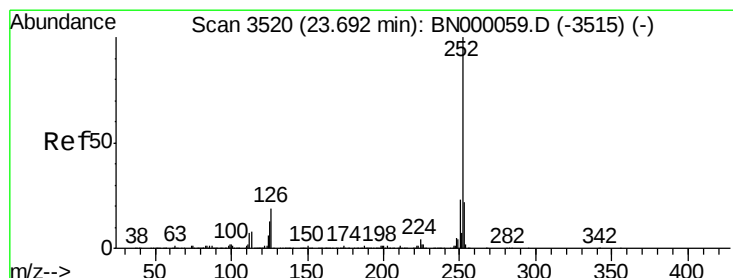
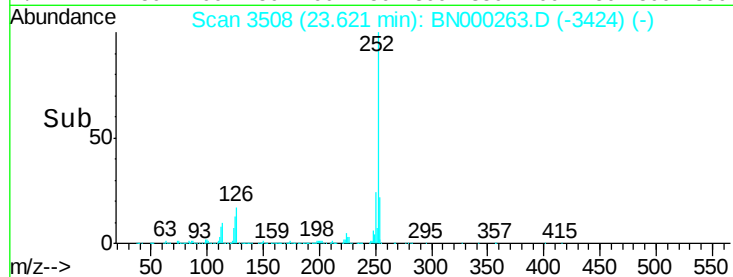
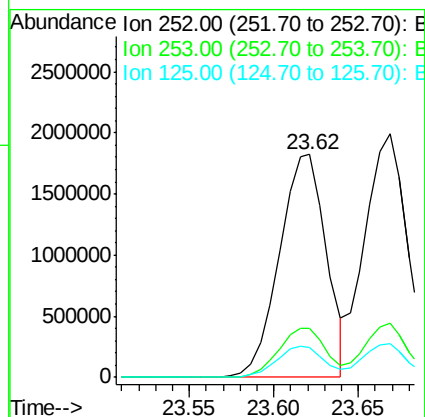
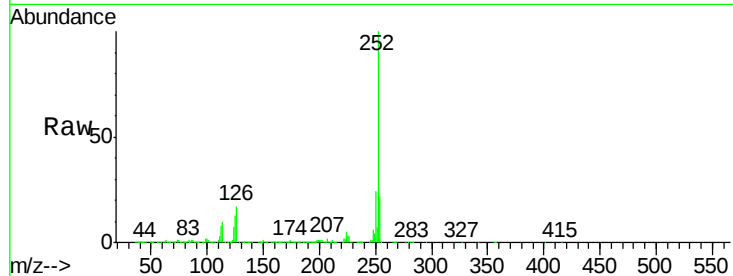
Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Instrument :
BNA_N
ClientSampled :

Tot Ion:252 Resp: 3506130

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	13.5	7.2	10.8#



#88

Benzo(k)fluoranthene

Concen: 40.991 ng

RT: 23.67 min Scan# 3516

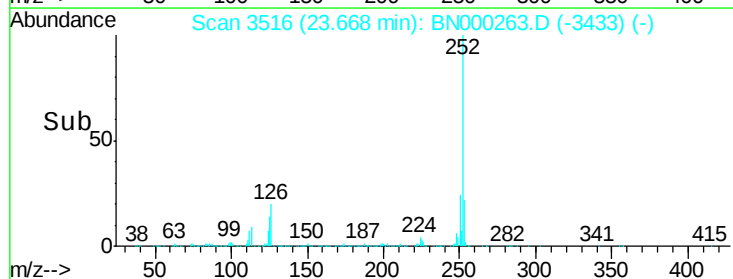
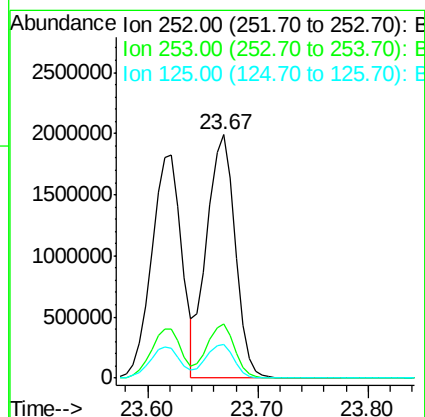
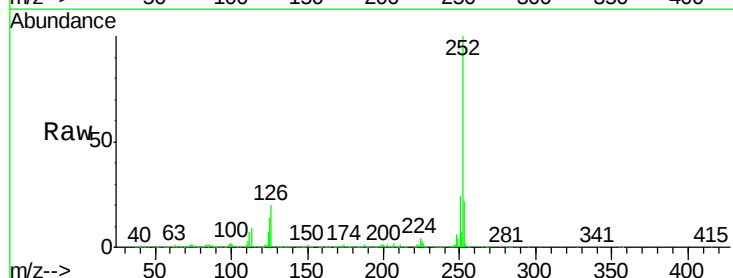
Delta R.T. -0.04 min

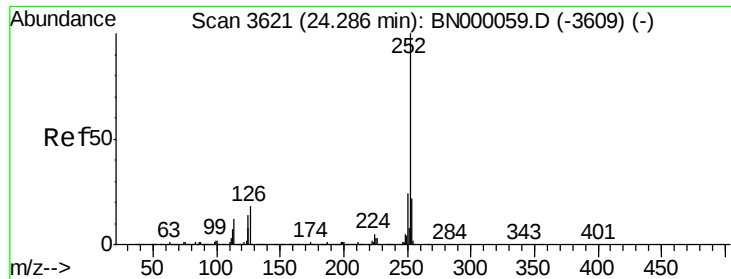
Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Tgt Ion:252 Resp: 3504745

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	13.6	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 42.033 ng

RT: 24.26 min Scan# 3617

Delta R.T. -0.05 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

Instrument :

BNA_N

ClientSampled :

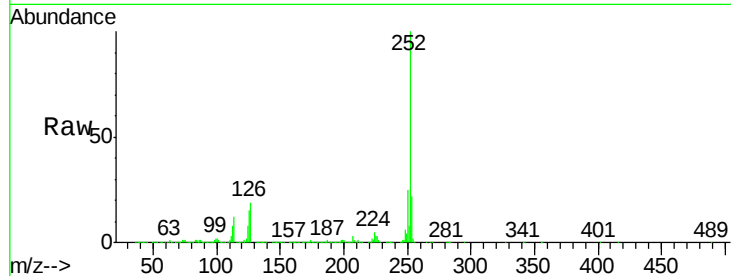
Tot Ion:252 Resp: 3421949

Ion Ratio Lower Upper

252 100

253 21.9 18.3 27.5

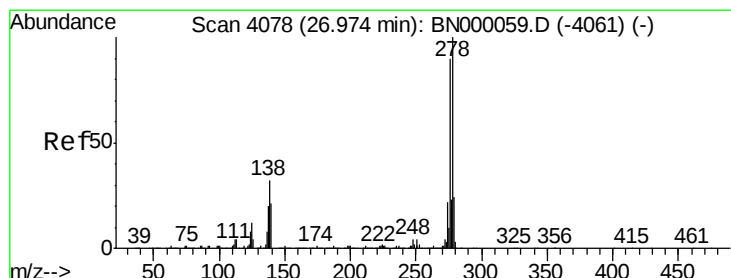
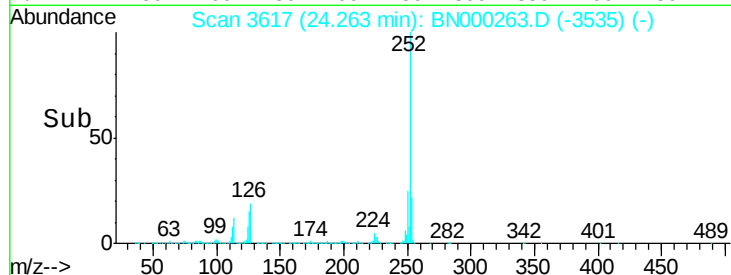
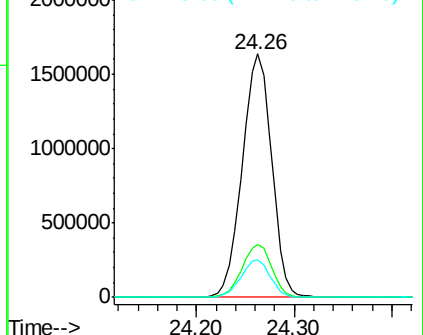
125 15.3 7.3 10.9#



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: 36.549 ng

RT: 26.94 min Scan# 4073

Delta R.T. -0.06 min

Lab File: BN000263.D

Acq: 06 Mar 2018 14:49

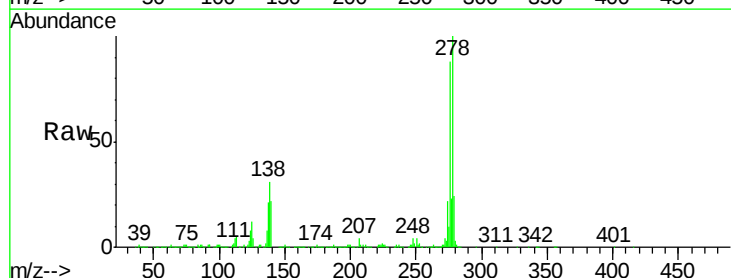
Tgt Ion:278 Resp: 3111580

Ion Ratio Lower Upper

278 100

139 22.5 9.8 14.6#

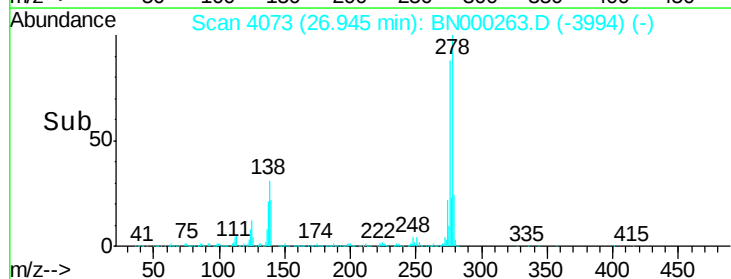
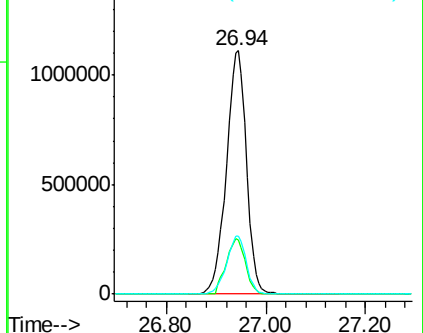
279 23.6 18.4 27.6

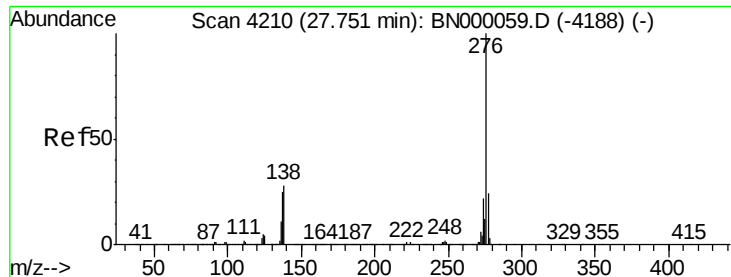


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

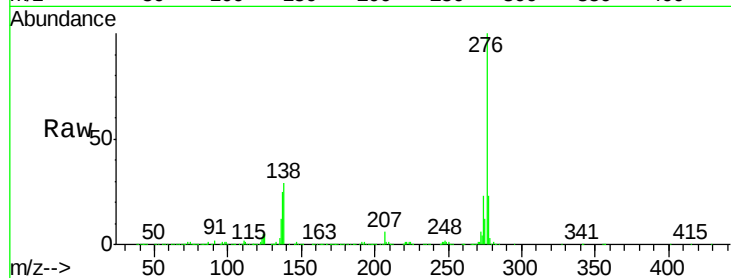




#91
 Benzo(a,h,i)perylene
 Concen: 34.915 ng
 RT: 27.73 min Scan# 4206
 Delta R.T. -0.06 min
 Lab File: BN000263.D
 Acq: 06 Mar 2018 14:49

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 3005720
 Ion Ratio Lower Upper
 276 100
 277 23.3 18.3 27.5
 138 29.2 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

