

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
 Data File : BN000091.D
 Acq On : 15 Feb 2018 11:49
 Operator : JU/SJ
 Sample : J1161-01
 Misc : 5 PPM LOD
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 16 03:49:20 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	8.46	152	367461	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	1829803	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	1107432	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	2446728	20.00	ng	0.00
75) Chrysene-d12	21.90	240	2665028	20.00	ng	-0.02
86) Perylene-d12	24.39	264	2760380	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	3015743	133.75	ng	-0.01
7) Phenol-d6	7.58	99	4336733	126.98	ng	-0.01
23) Nitrobenzene-d5	9.64	82	3044960	98.94	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1452205	132.48	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	7672701	97.65	ng	-0.01
78) Terphenyl-d14	20.35	244	9536264	96.62	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	43116	4.75	ng	95
3) Pyridine	4.12	79	114352	4.05	ng	97
4) n-Nitrosodimethylamine	4.01	42	32044	4.01	ng	100
6) Aniline	7.77	93	186351	3.96	ng	91
8) 2-Chlorophenol	8.02	128	116484	4.42	ng	86
9) Benzaldehyde	7.58	77	67009	3.15	ng	94
10) Phenol	7.61	94	158705	4.40	ng	89
11) bis(2-Chloroethyl)ether	7.86	93	131281	4.43	ng	# 83
12) 1,3-Dichlorobenzene	8.35	146	136405	4.55	ng	98
13) 1,4-Dichlorobenzene	8.50	146	140978	4.61	ng	96
14) 1,2-Dichlorobenzene	8.82	146	139040	4.62	ng	95
15) Benzyl Alcohol	8.69	79	88756	3.62	ng	87
16) 2,2'-oxybis(1-Chloropropan	8.99	45	140774	4.49	ng	80
17) 2-Methylphenol	8.89	107	99926	3.90	ng	95
18) Hexachloroethane	9.57	117	45073	4.23	ng	# 77
19) n-Nitroso-di-n-propylamine	9.26	70	81687	3.57	ng	# 87
20) 3+4-Methylphenols	9.22	107	133729	3.73	ng	94
22) Acetophenone	9.29	105	210714	4.11	ng	# 88
24) Nitrobenzene	9.68	77	161422	4.80	ng	93
25) Isophorone	10.20	82	227908	3.58	ng	97
26) 2-Nitrophenol	10.40	139	35402	9.38	ng	92
27) 2,4-Dimethylphenol	10.44	122	98320	3.56	ng	92
28) bis(2-Chloroethoxy)methane	10.68	93	170307	4.17	ng	98
29) 2,4-Dichlorophenol	10.93	162	83066	3.25	ng	97
30) 1,2,4-Trichlorobenzene	11.16	180	133180	4.53	ng	95
31) Naphthalene	11.35	128	459208	4.58	ng	97
32) Benzoic acid	10.48	122	17691	11.22	ng	# 82
33) 4-Chloroaniline	11.45	127	161804	3.67	ng	94
34) Hexachlorobutadiene	11.63	225	66791	4.38	ng	95
35) Caprolactam	12.17	113	22725	5.88	ng	90
36) 4-Chloro-3-methylphenol	12.53	107	101802	3.14	ng	96
37) 2-Methylnaphthalene	12.93	142	309255	4.43	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	143754	4.40	ng	# 96
40) Hexachlorocyclopentadiene	13.26	237	46195	3.39	ng	88

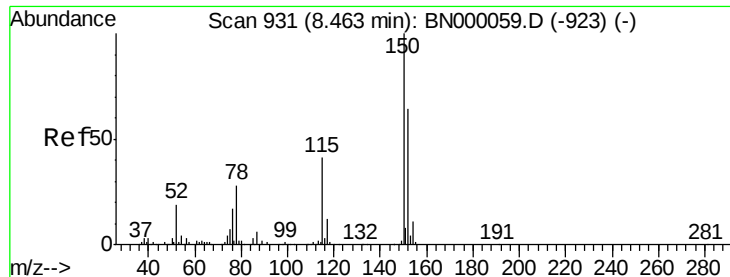
Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	56978	2.91	ng	94
43) 2,4,5-Trichlorophenol	13.58	196	69040	2.93	ng	# 94
45) 1,1'-Biphenyl	13.92	154	457275	4.69	ng	98
46) 2-Chloronaphthalene	13.96	162	325190	4.44	ng	97
47) 2-Nitroaniline	14.15	65	50557	6.99	ng	# 84
48) Acenaphthylene	14.80	152	479232	4.06	ng	98
49) Dimethylphthalate	14.50	163	381019	4.12	ng	98
50) 2,6-Dinitrotoluene	14.63	165	54978	2.88	ng	93
51) Acenaphthene	15.13	154	338472	4.41	ng	98
52) 3-Nitroaniline	14.96	138	67497	2.91	ng	# 97
53) 2,4-Dinitrophenol	15.16	184	12527	10.86	ng	# 27
54) Dibenzofuran	15.46	168	498478	4.59	ng	97
55) 4-Nitrophenol	15.23	139	38350	6.87	ng	# 80
56) 2,4-Dinitrotoluene	15.40	165	64600	6.34	ng	# 93
57) Fluorene	16.10	166	401764	4.53	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.67	232	57778	3.11	ng	# 77
59) Diethylphthalate	15.85	149	366262	3.89	ng	96
60) 4-Chlorophenyl-phenylether	16.09	204	181273	4.48	ng	92
61) 4-Nitroaniline	16.10	138	67669	2.83	ng	96
62) Azobenzene	16.38	77	363572	3.88	ng	91
64) 4,6-Dinitro-2-methylphenol	16.16	198	23069	10.34	ng	88
65) n-Nitrosodiphenylamine	16.30	169	326228	4.10	ng	94
66) 4-Bromophenyl-phenylether	16.98	248	97410	4.19	ng	# 87
67) Hexachlorobenzene	17.09	284	117827	4.34	ng	# 86
68) Atrazine	17.22	200	77933	3.01	ng	91
69) Pentachlorophenol	17.43	266	44412	8.03	ng	98
70) Phenanthrene	17.83	178	662225	4.58	ng	98
71) Anthracene	17.92	178	580218	4.15	ng	98
72) Carbazole	18.18	167	583115	4.14	ng	96
73) Di-n-butylphthalate	18.72	149	477309	3.07	ng	98
74) Fluoranthene	19.81	202	640905	4.23	ng	94
76) Benzidine	19.97	184	136146	1.60	ng	# 94
77) Pyrene	20.16	202	723265	4.27	ng	99
79) Butylbenzylphthalate	21.02	149	166399	7.21	ng	# 95
80) Benzo(a)anthracene	21.89	228	720256	4.40	ng	98
81) 3,3'-Dichlorobenzidine	21.81	252	181325	3.01	ng	# 98
82) Chrysene	21.95	228	756974	4.64	ng	98
83) Bis(2-ethylhexyl)phthalate	21.79	149	270053	5.03	ng	# 93
84) Di-n-octyl phthalate	22.74	149	375256	8.15	ng	97
85) Indeno(1,2,3-cd)pyrene	26.94	276	797574	3.98	ng	# 86
87) Benzo(b)fluoranthene	23.63	252	713377	4.42	ng	# 96
88) Benzo(k)fluoranthene	23.68	252	702319	4.32	ng	# 96
89) Benzo(a)pyrene	24.28	252	640478	4.13	ng	# 94
90) Dibenzo(a,h)anthracene	26.95	278	667918	4.12	ng	# 91
91) Benzo(g,h,i)perylene	27.73	276	659962	4.03	ng	# 87

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

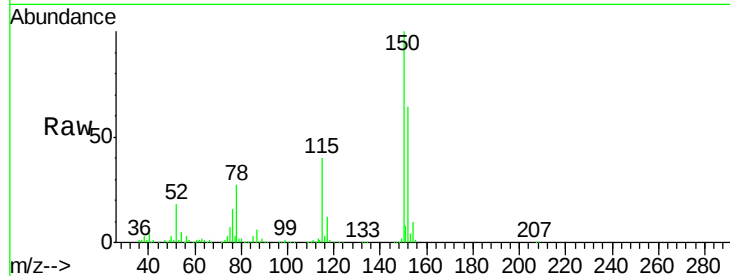


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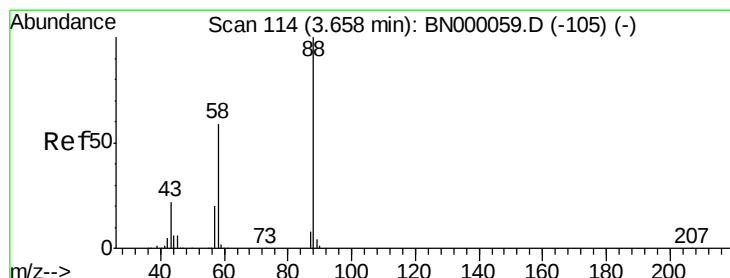
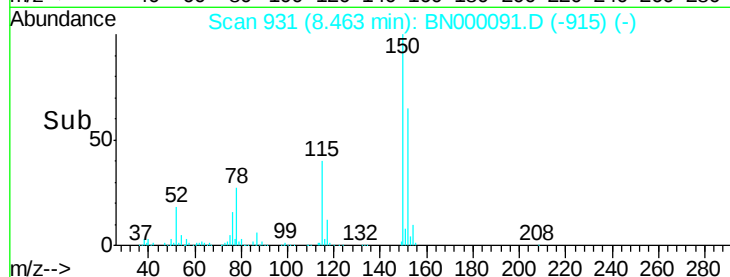
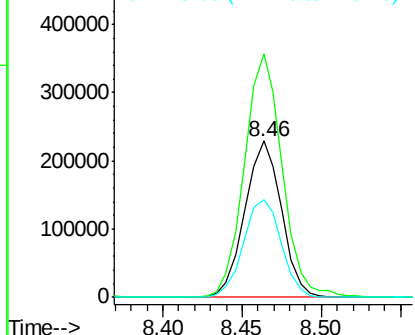
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion	152	Resp	367461
Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.6	189.8
115	62.7	53.0	79.4



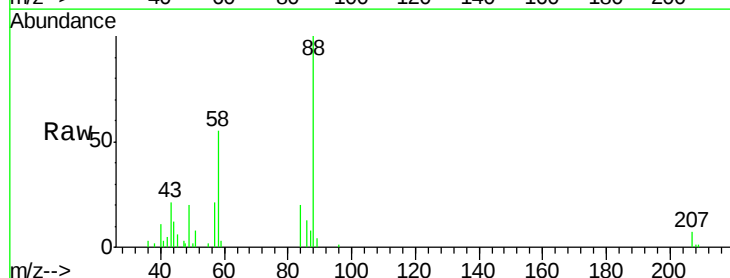
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



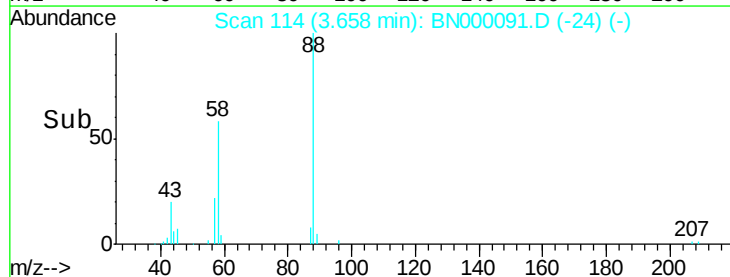
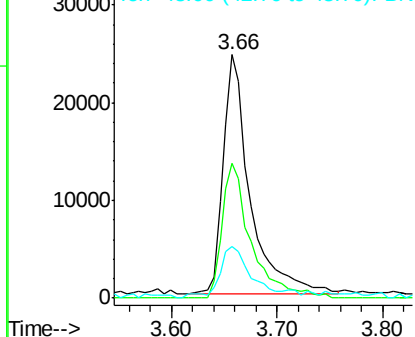
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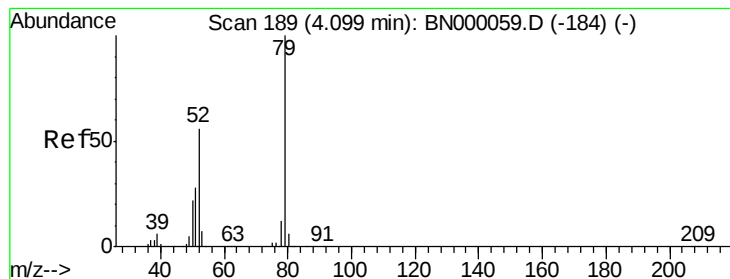
1,4-Dioxane
Concen: 4.75 ng
RT: 3.66 min Scan# 114
Delta R.T. 0.00 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Tgt Ion	88	Resp	43116
Ion	Ratio	Lower	Upper
88	100		
58	60.8	52.0	78.0
43	27.1	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: 4.05 ng

RT: 4.12 min Scan# 193

Delta R.T. 0.02 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

Instrument :

BNA_N

ClientSampled :

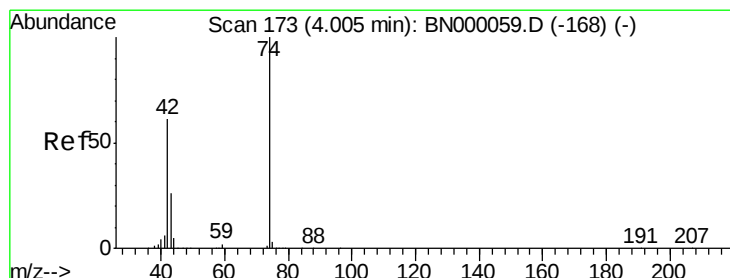
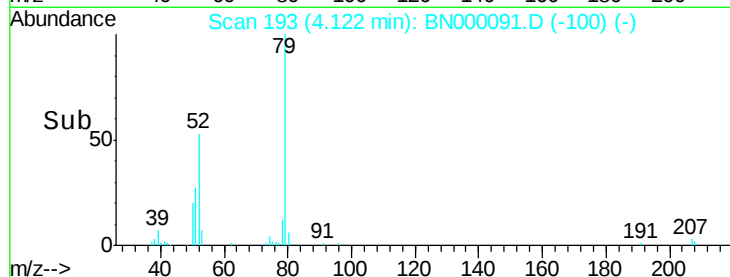
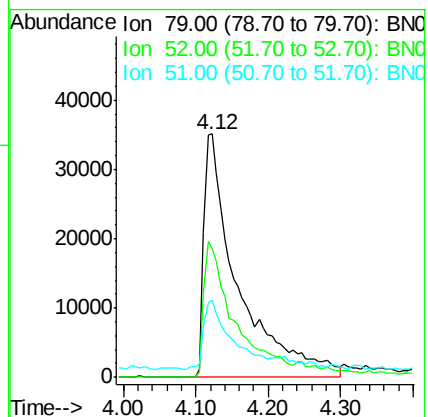
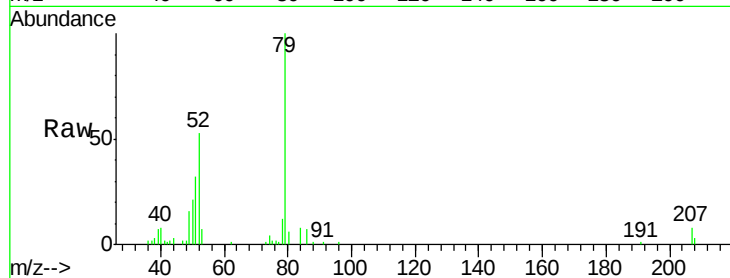
Tot Ion: 79 Resp: 114352

Ion Ratio Lower Upper

79 100

52 52.7 44.0 66.0

51 31.9 24.0 36.0



#4

n-Nitrosodimethylamine

Concen: 4.01 ng

RT: 4.01 min Scan# 174

Delta R.T. 0.00 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

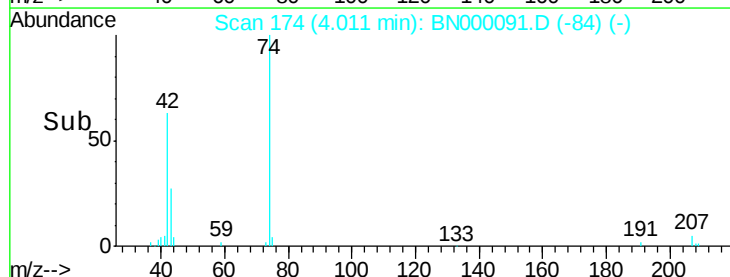
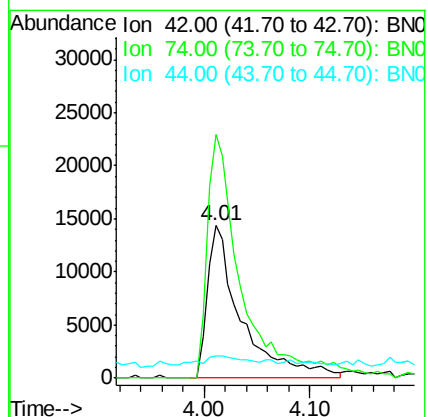
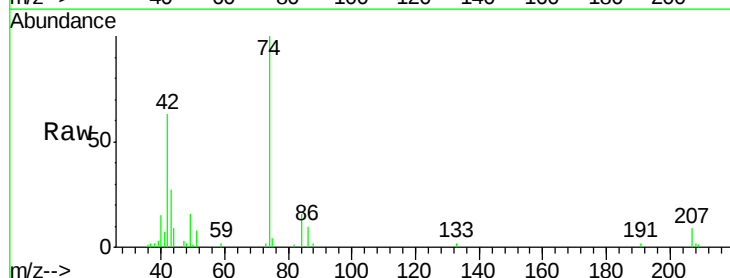
Tgt Ion: 42 Resp: 32044

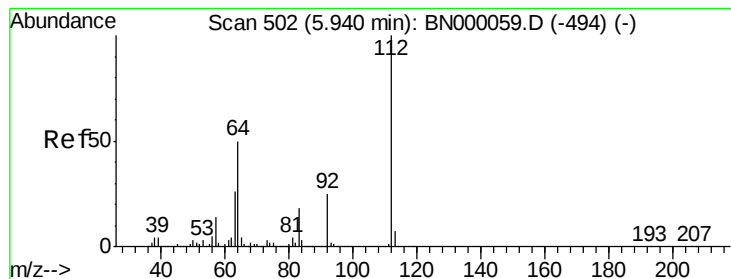
Ion Ratio Lower Upper

42 100

74 159.6 128.0 192.0

44 14.5 12.0 18.0

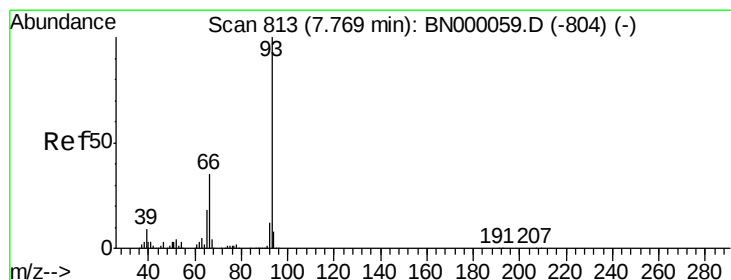
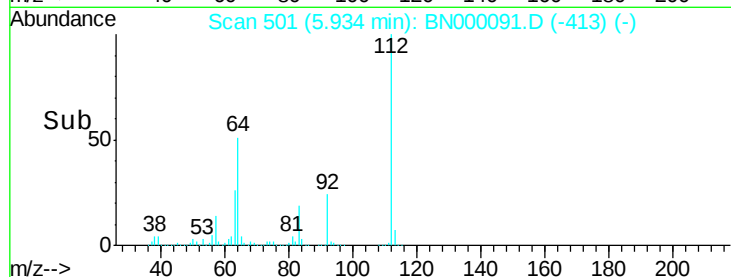
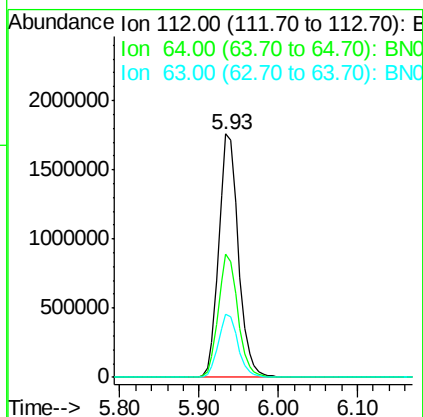
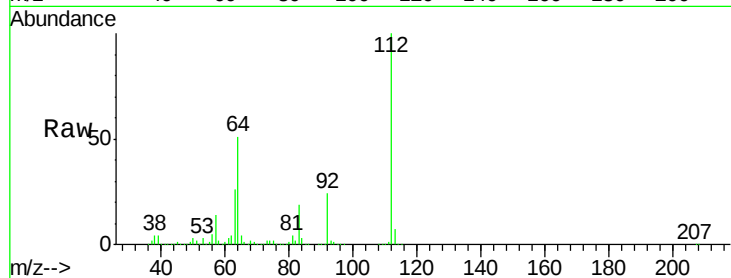




#5
 2-Fluorophenol
 Concen: 133.75 ng
 RT: 5.93 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BN000091.D
 Acq: 15 Feb 2018 11:49

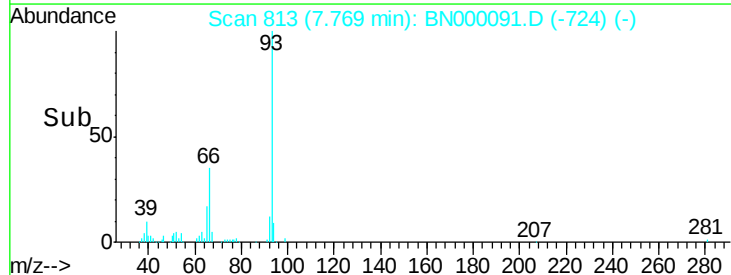
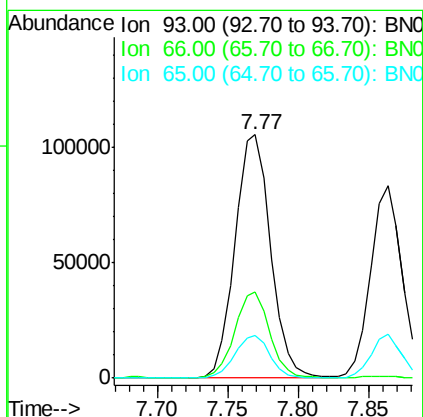
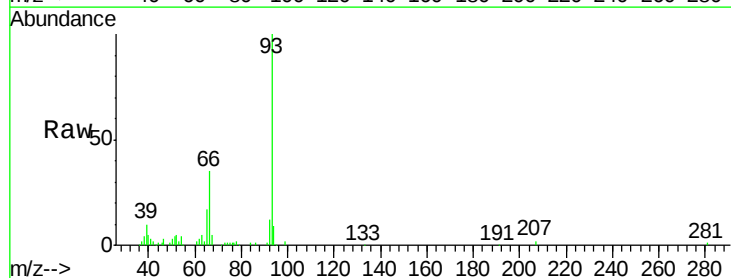
Instrument :
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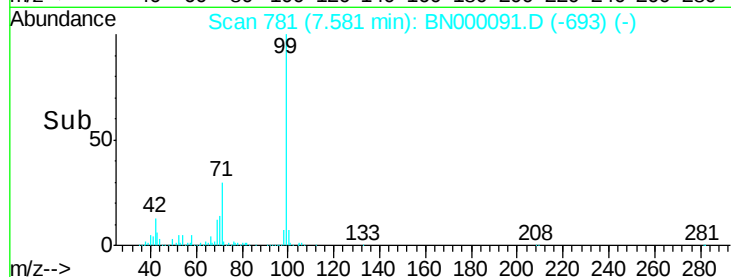
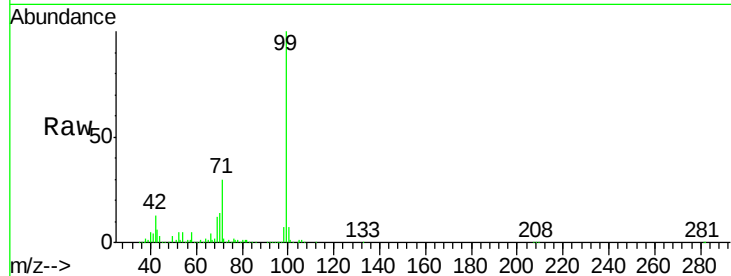
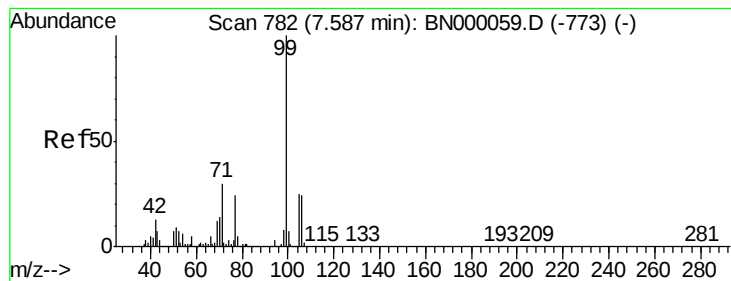
Tot Ion:112 Resp: 3015743
 Ion Ratio Lower Upper
 112 100
 64 50.6 56.3 84.5#
 63 25.7 30.1 45.1#



#6
 Aniline
 Concen: 3.96 ng
 RT: 7.77 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BN000091.D
 Acq: 15 Feb 2018 11:49

Tgt Ion: 93 Resp: 186351
 Ion Ratio Lower Upper
 93 100
 66 35.3 33.7 50.5
 65 17.3 16.1 24.1





#7

Phenol-d6

Concen: 126.98 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

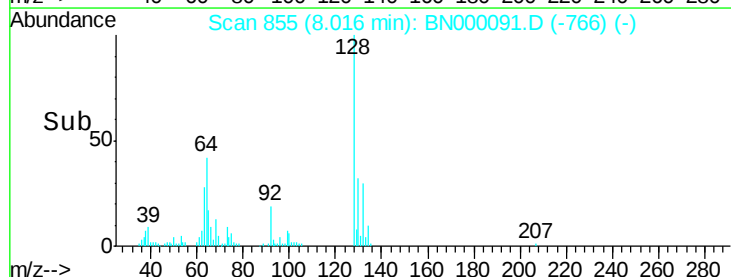
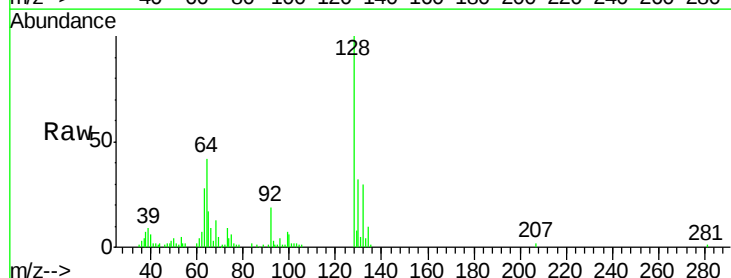
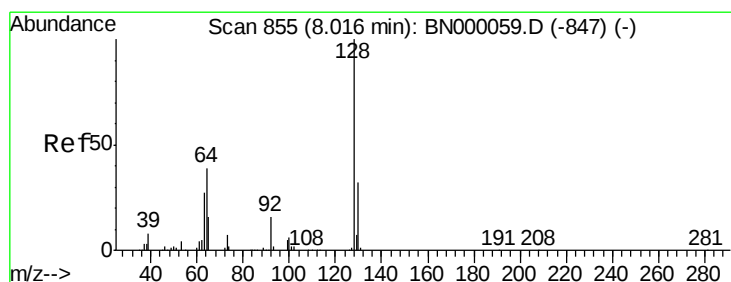
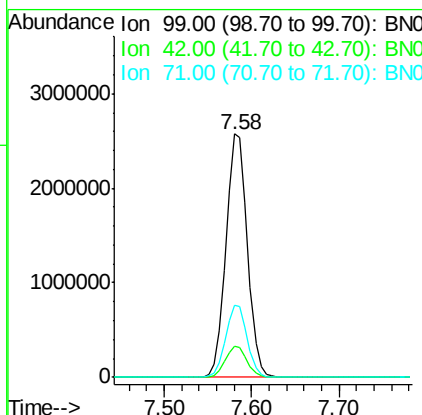
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 99 Resp: 4336733

Ion	Ratio	Lower	Upper
99	100		
42	12.8	14.1	21.1#
71	29.8	26.1	39.1



#8

2-Chlorophenol

Concen: 4.42 ng

RT: 8.02 min Scan# 855

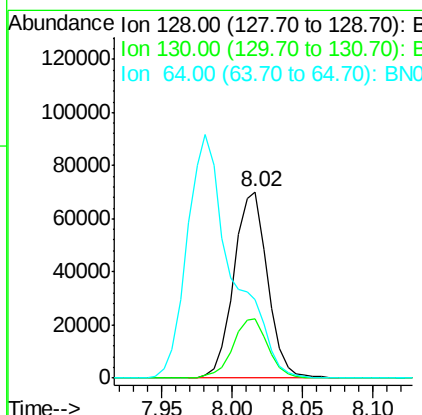
Delta R.T. -0.01 min

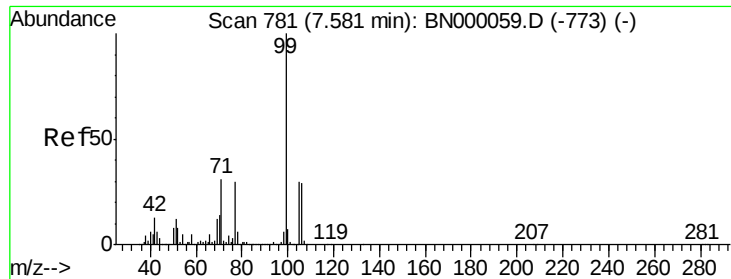
Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

Tgt Ion: 128 Resp: 116484

Ion	Ratio	Lower	Upper
128	100		
130	32.0	14.0	54.0
64	42.3	37.7	77.7

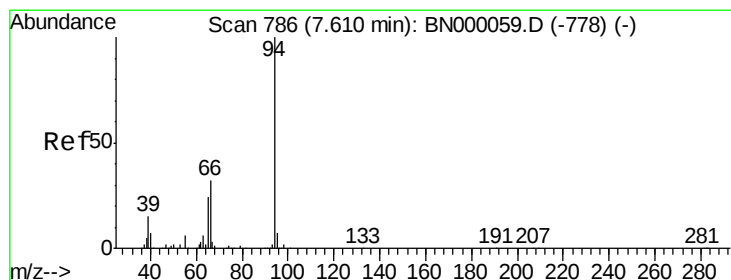
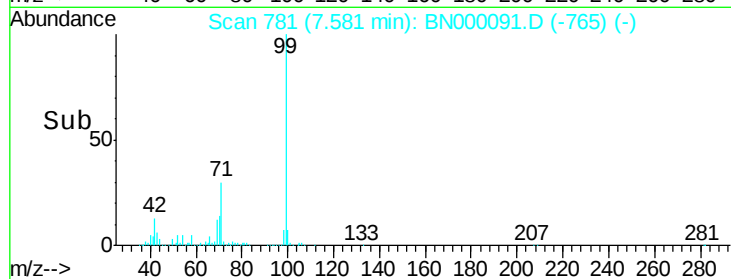
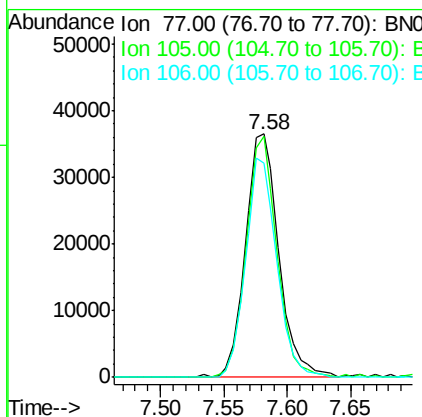
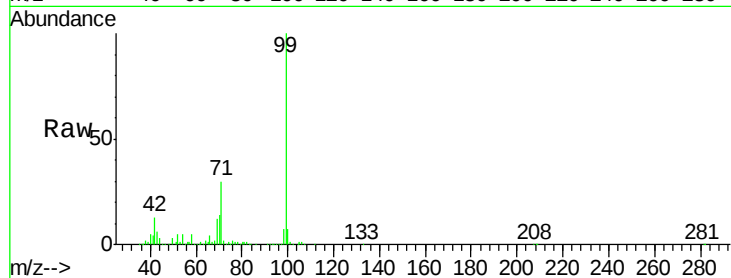




#9
Benzaldehyde
Concen: 3.15 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

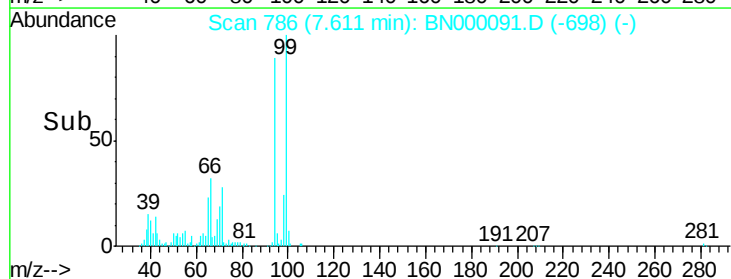
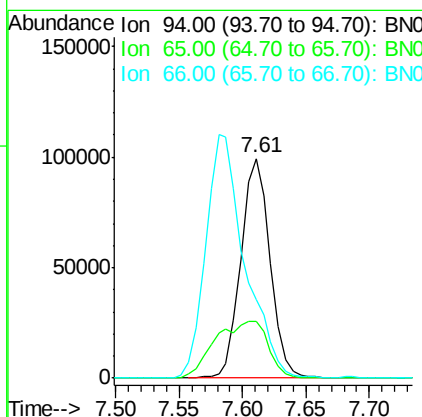
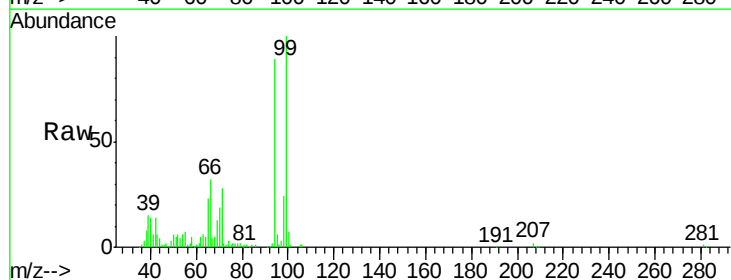
Instrument :
BNA_N
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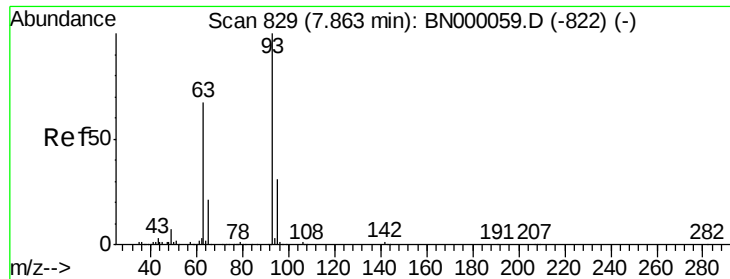
Tot Ion	Ratio	Lower	Upper
77	100		
105	99.1	71.3	111.3
106	88.0	64.2	104.2



#10
Phenol
Concen: 4.40 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.6	11.9	51.9
66	35.9	22.2	62.2

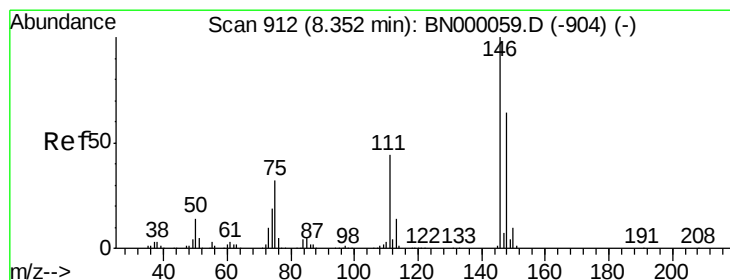
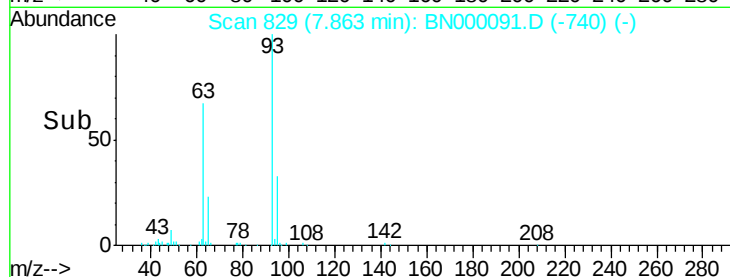
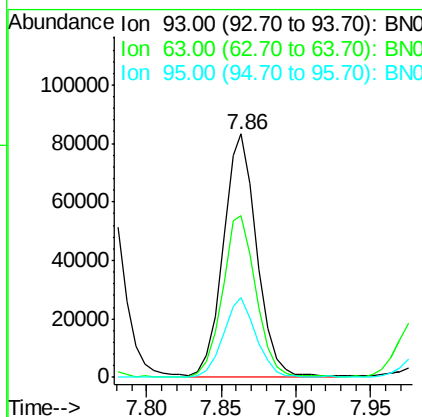
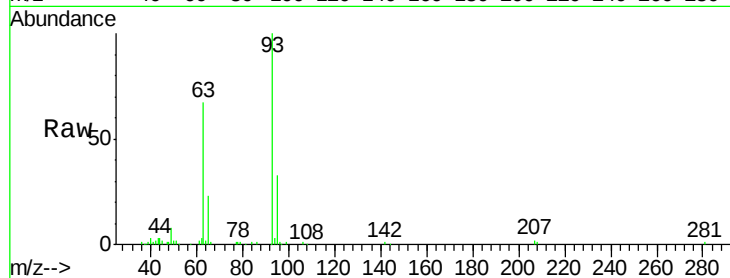




#11
bis(2-Chloroethyl)ether
Concen: 4.43 ng
RT: 7.86 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

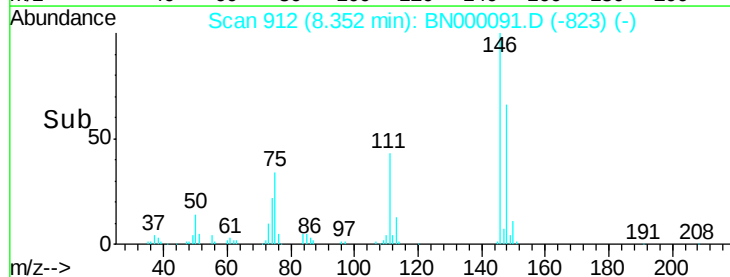
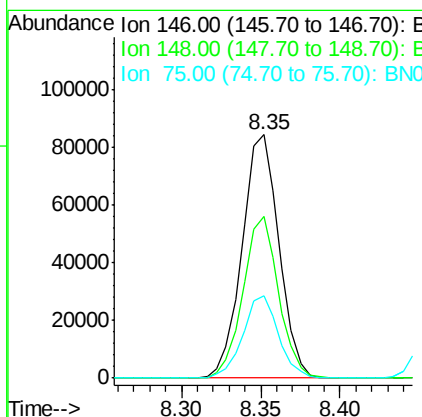
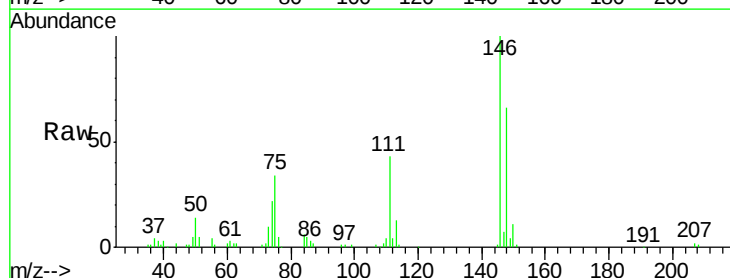
Instrument :
BNA_N
ClientSampleId :

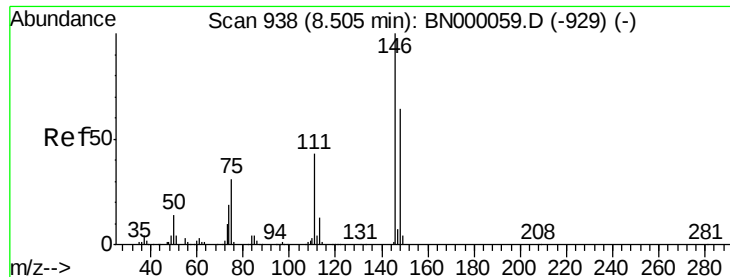
Tot Ion	Ratio	Lower	Upper
93	100		
63	66.5	67.1	107.1#
95	33.0	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 4.55 ng
RT: 8.35 min Scan# 912
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	51.4	77.2
75	33.7	26.6	39.8

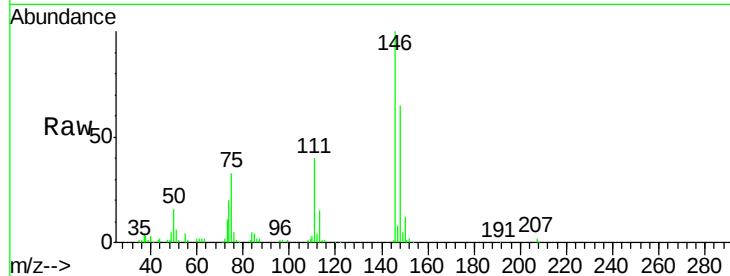




#13
 1,4-Dichlorobenzene
 Concen: 4.61 ng
 RT: 8.50 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BN000091.D
 Acq: 15 Feb 2018 11:49

Instrument :
 BNA_N
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	53.7	80.5
111	40.1	35.2	52.8

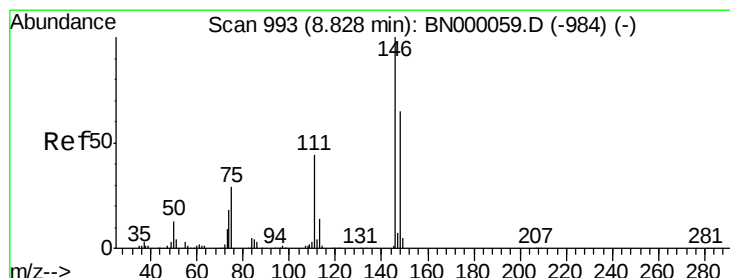
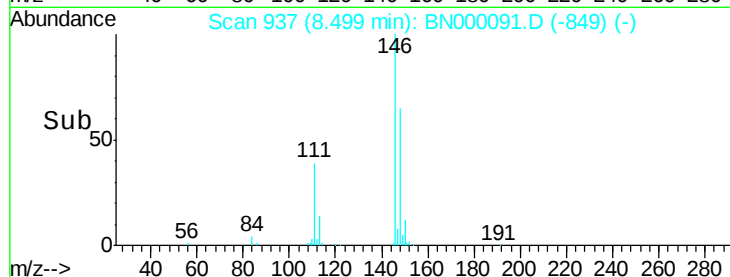
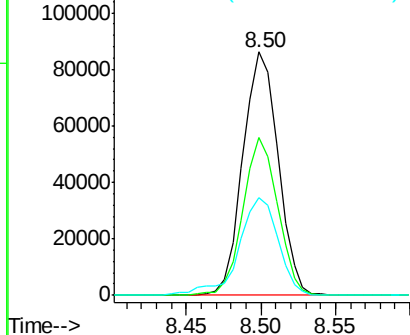


Abundance

Ion 146.00 (145.70 to 146.70): E

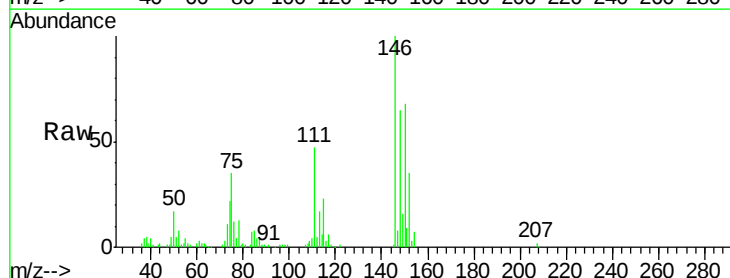
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 4.62 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BN000091.D
 Acq: 15 Feb 2018 11:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	49.3	73.9
111	46.6	34.3	51.5

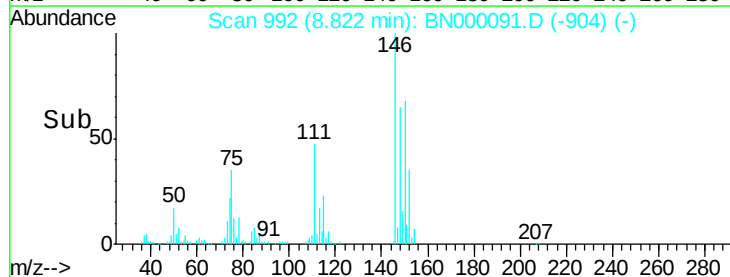
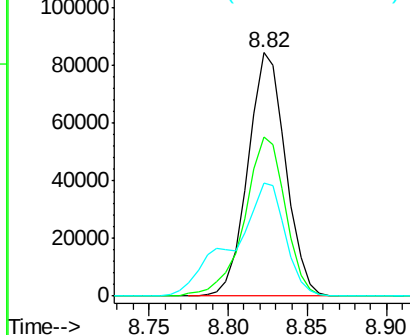


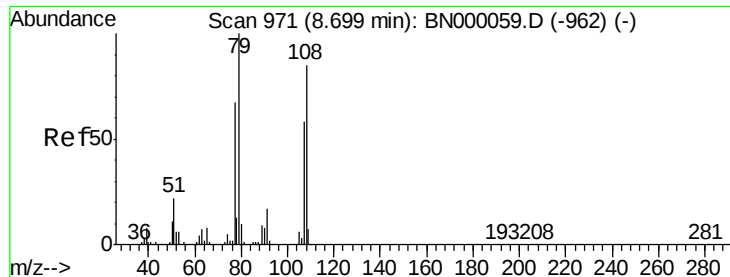
Abundance

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: 3.62 ng

RT: 8.69 min Scan# 970

Delta R.T. -0.01 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

Instrument :

BNA_N

ClientSampled :

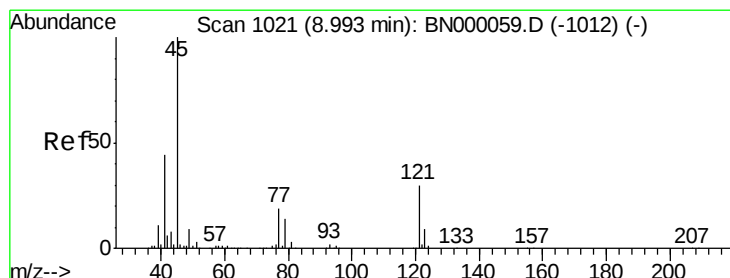
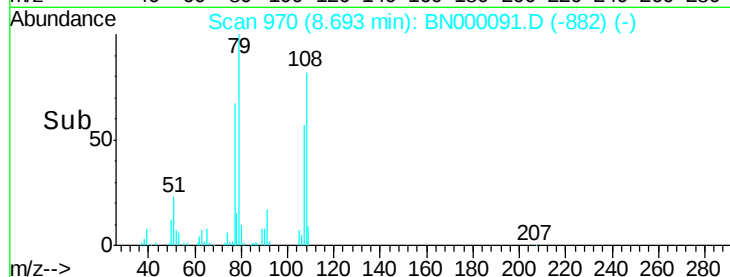
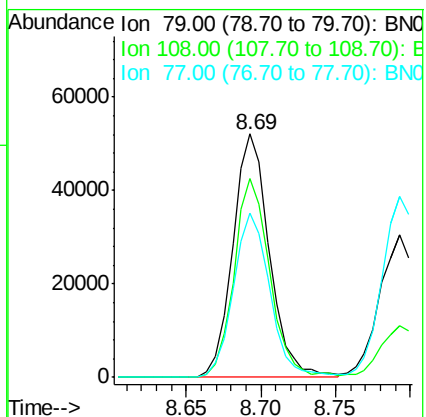
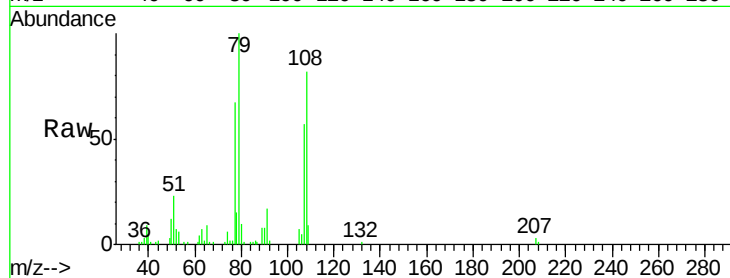
Tot Ion: 79 Resp: 88756

Ion Ratio Lower Upper

79 100

108 81.9 57.2 85.8

77 67.2 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.49 ng

RT: 8.99 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

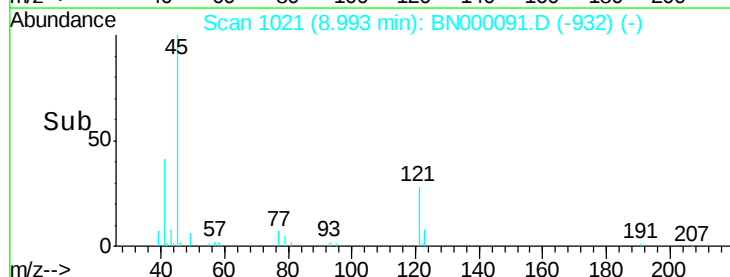
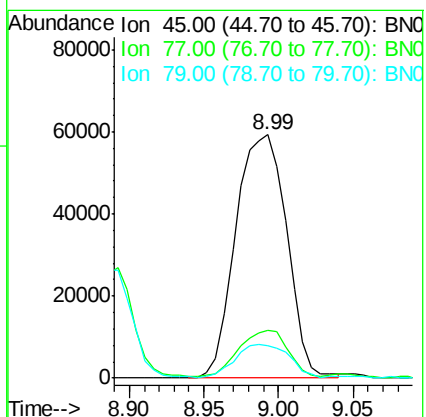
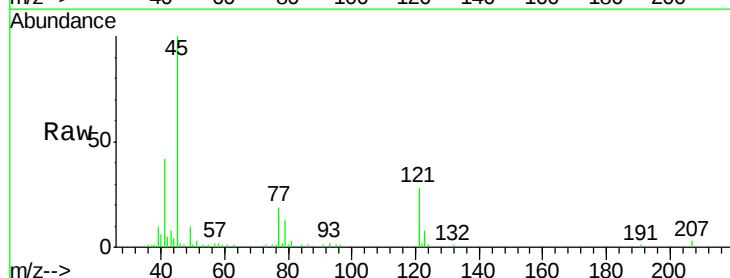
Tgt Ion: 45 Resp: 140774

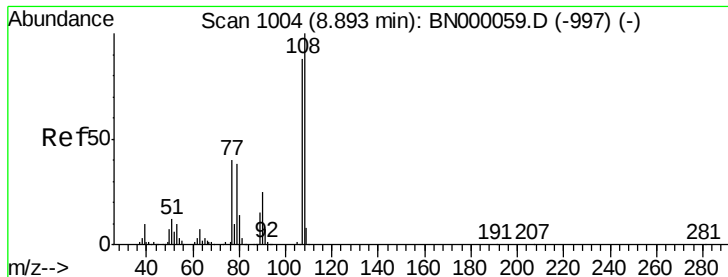
Ion Ratio Lower Upper

45 100

77 19.4 0.0 30.2

79 13.2 0.0 27.9





#17

2-Methylphenol

Concen: 3.90 ng

RT: 8.89 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

Instrument :

BNA_N

ClientSampleId :

Tot Ion:107 Resp: 99926

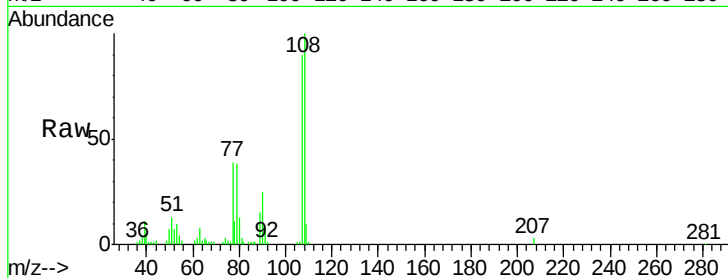
Ion Ratio Lower Upper

107 100

108 111.5 83.9 125.9

77 43.8 37.2 55.8

79 42.6 36.2 54.2

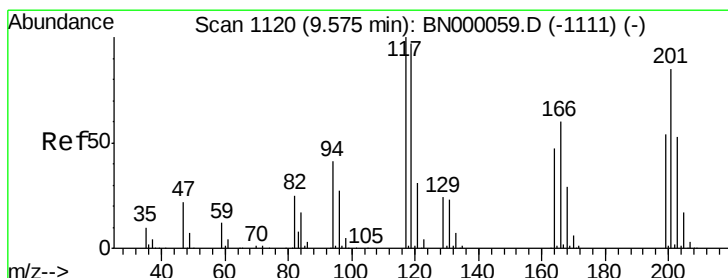
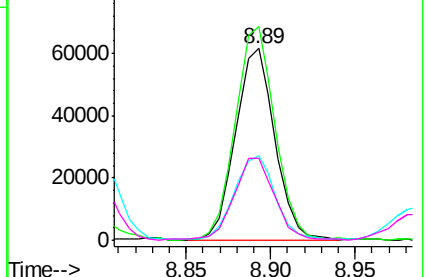
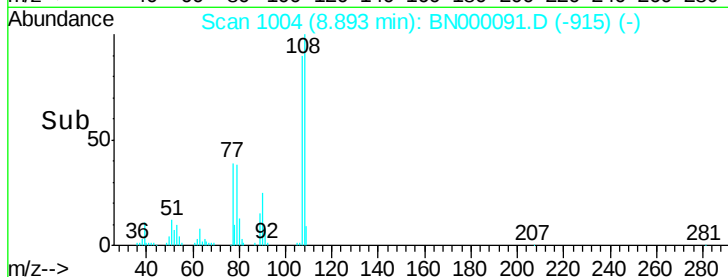


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18

Hexachloroethane

Concen: 4.23 ng

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

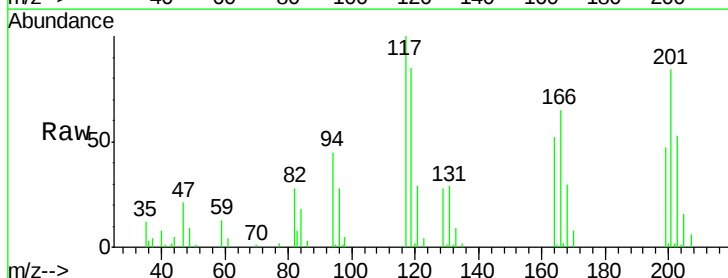
Tgt Ion:117 Resp: 45073

Ion Ratio Lower Upper

117 100

119 85.2 76.7 115.1

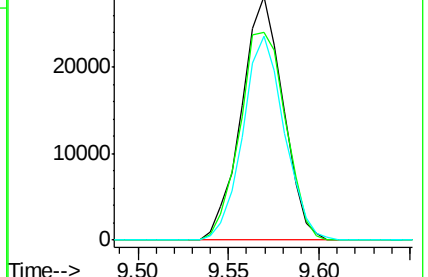
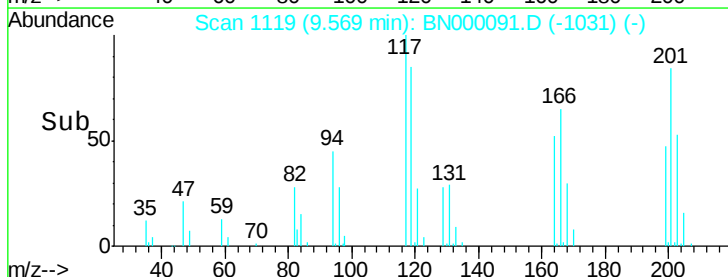
201 83.5 95.7 143.5#

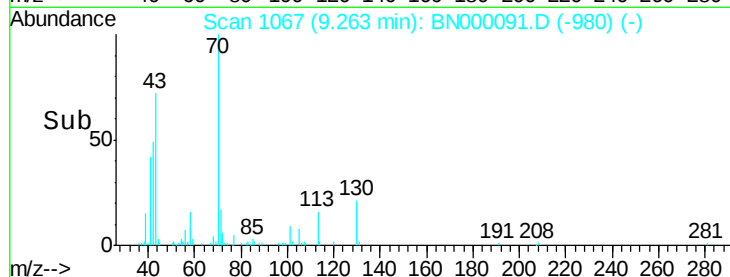
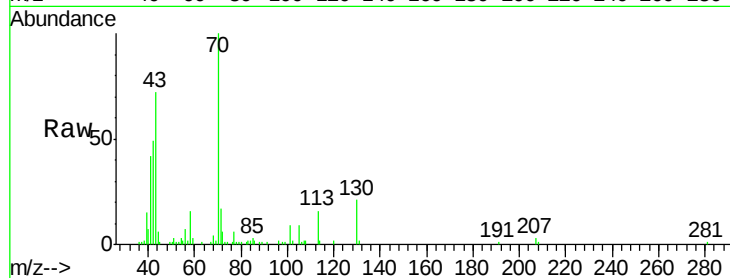
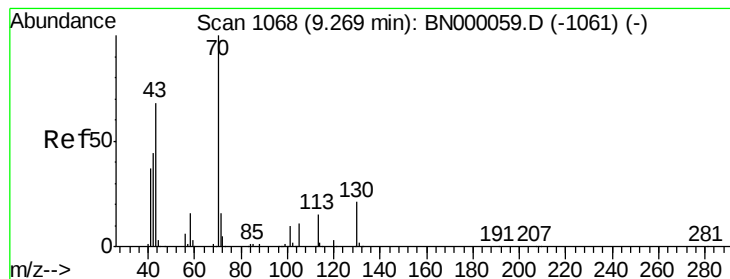


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 3.57 ng

RT: 9.26 min Scan# 1067

Delta R.T. -0.02 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 81687

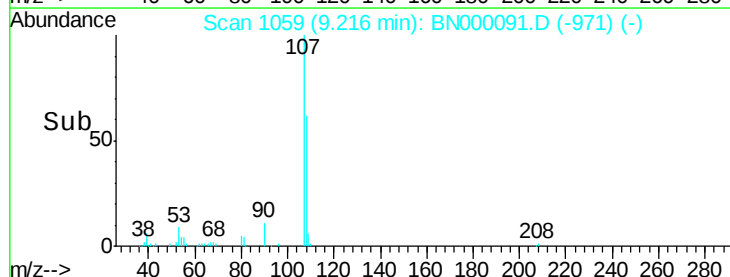
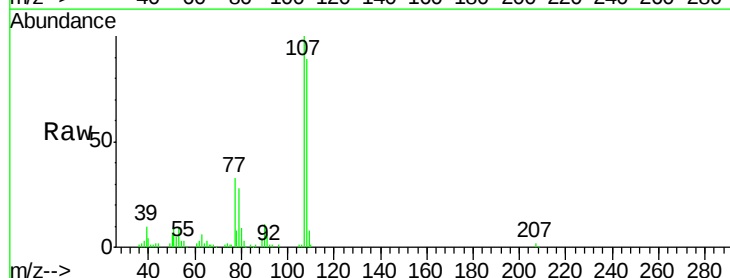
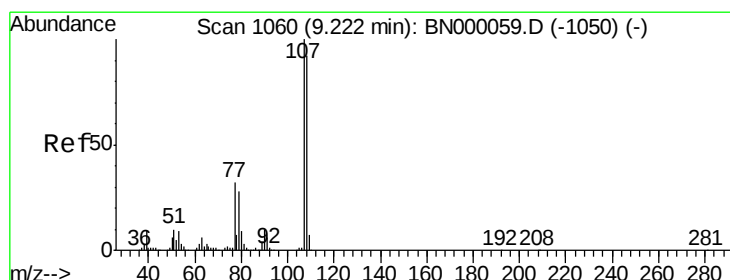
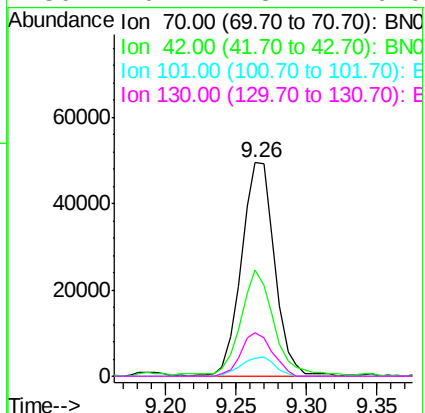
Ion Ratio Lower Upper

70 100

42 49.5 49.1 73.7

101 8.6 8.5 12.7

130 20.7 13.4 20.0#



#20

3+4-Methylphenols

Concen: 3.73 ng

RT: 9.22 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

Tgt Ion: 107 Resp: 133729

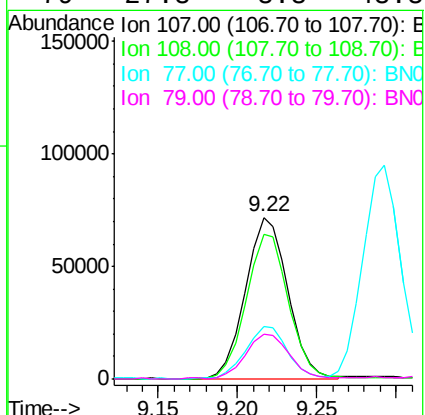
Ion Ratio Lower Upper

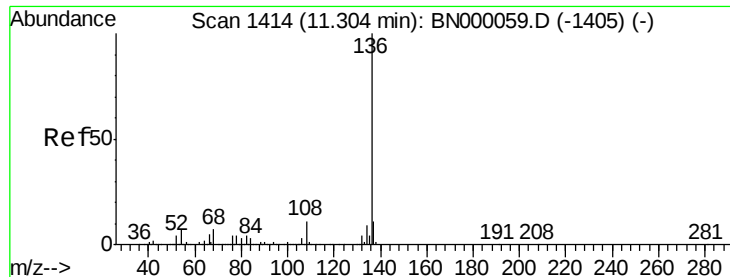
107 100

108 89.3 61.6 101.6

77 32.7 13.9 53.9

79 27.8 8.8 48.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.30 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 1829803

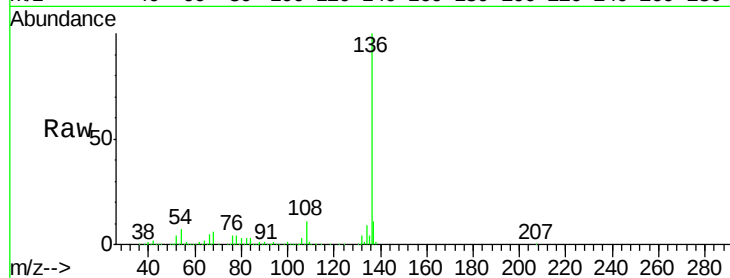
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 6.9 10.3 15.5#

68 5.9 4.5 6.7

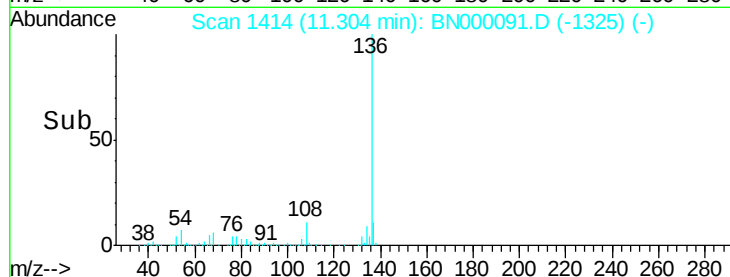


Abundance Ion 136.00 (135.70 to 136.70): E

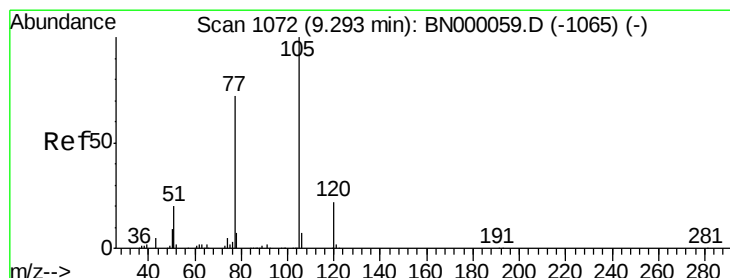
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time--> 11.20 11.30



#22

Acetophenone

Concen: 4.11 ng

RT: 9.29 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

Tgt Ion:105 Resp: 210714

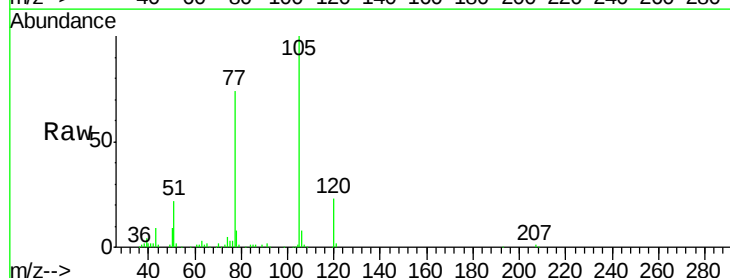
Ion Ratio Lower Upper

105 100

71 0.4 3.0 4.4#

51 21.7 26.1 39.1#

120 22.6 17.4 26.2

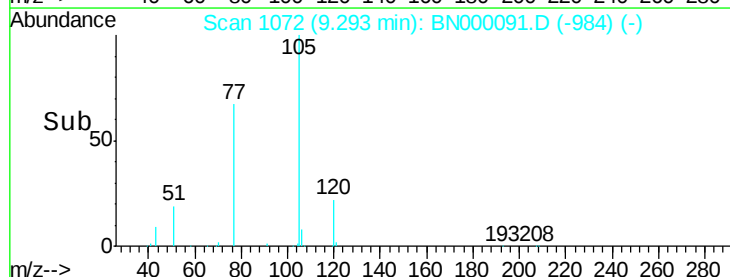


Abundance Ion 105.00 (104.70 to 105.70): E

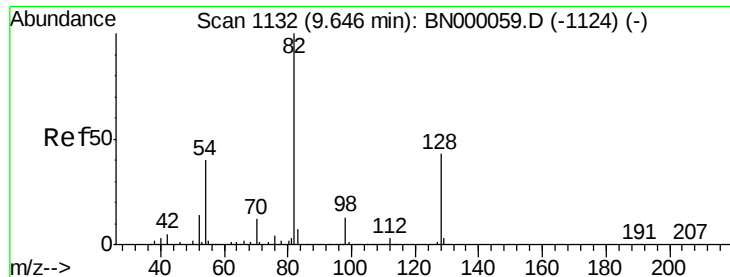
Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E



Time--> 9.20 9.30 9.40



#23

Nitrobenzene-d5

Concen: 98.94 ng

RT: 9.64 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

Instrument :

BNA_N

ClientSampleId :

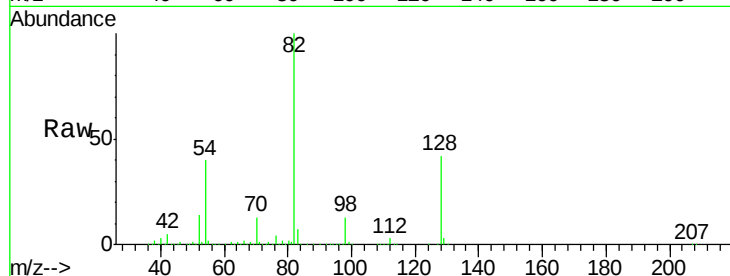
Tot Ion: 82 Resp: 3044960

Ion Ratio Lower Upper

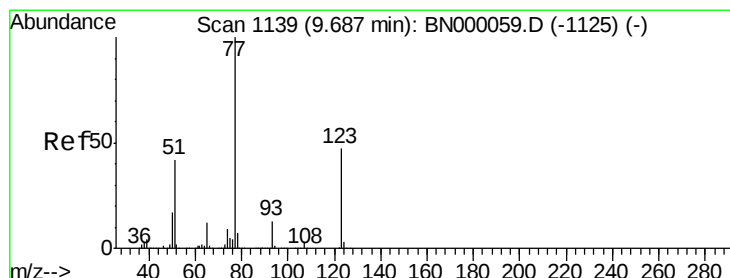
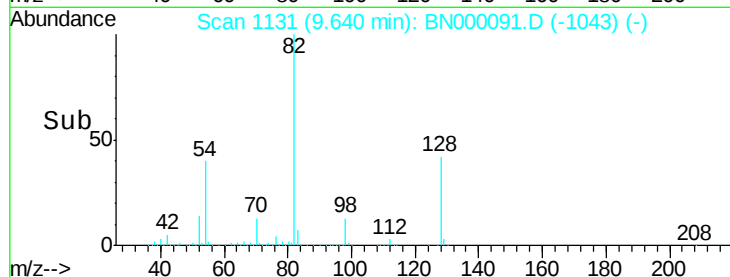
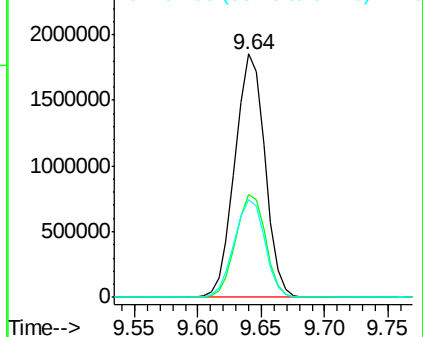
82 100

128 42.2 29.7 44.5

54 40.1 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BNC
Ion 128.00 (127.70 to 128.70): BNC
Ion 54.00 (53.70 to 54.70): BNC



#24

Nitrobenzene

Concen: 4.80 ng

RT: 9.68 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

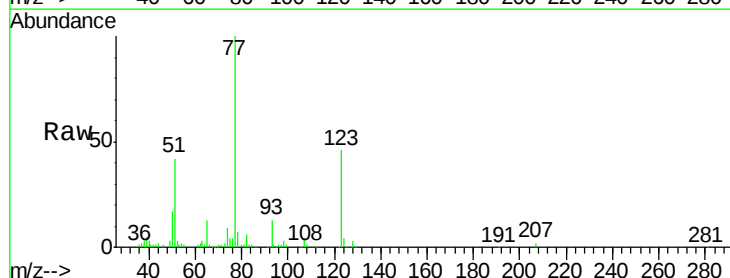
Tgt Ion: 77 Resp: 161422

Ion Ratio Lower Upper

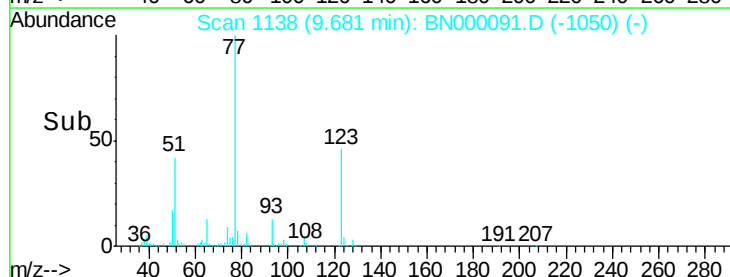
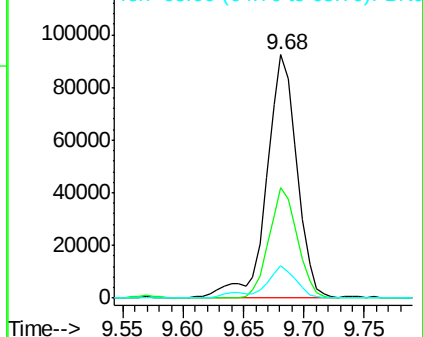
77 100

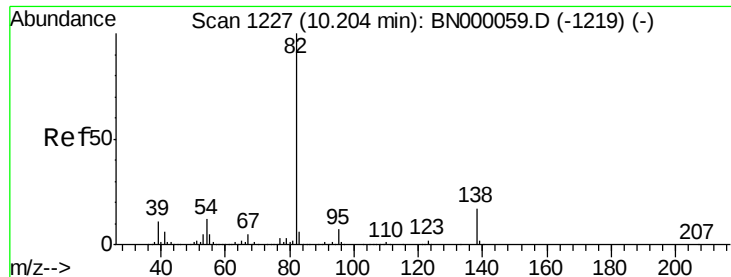
123 45.6 33.0 49.6

65 13.1 13.0 19.6



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





#25

Isophorone

Concen: 3.58 ng

RT: 10.20 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

Instrument :

BNA_N

ClientSampleId :

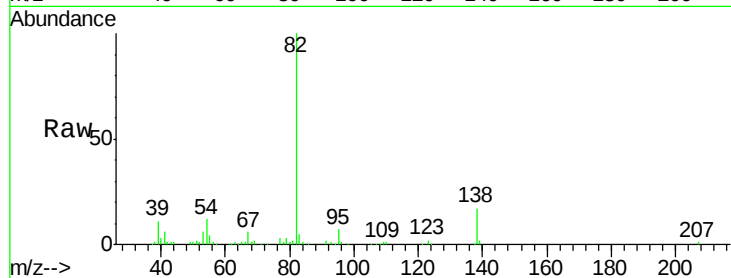
Tot Ion: 82 Resp: 227908

Ion Ratio Lower Upper

82 100

95 7.2 6.2 9.2

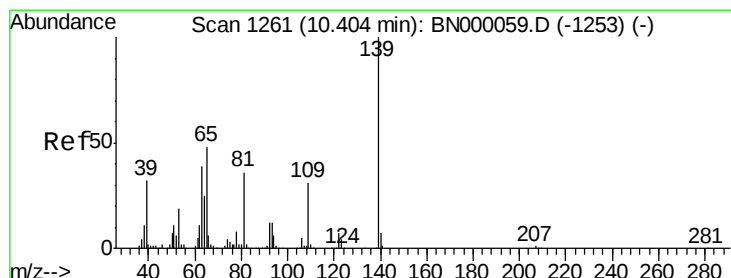
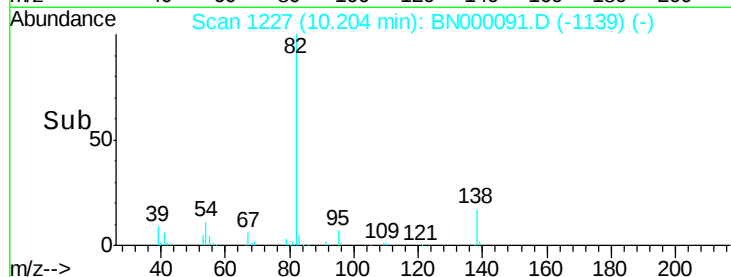
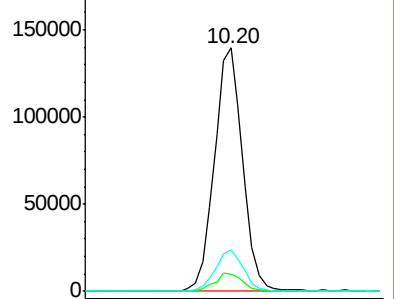
138 16.9 12.1 18.1



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: 9.38 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

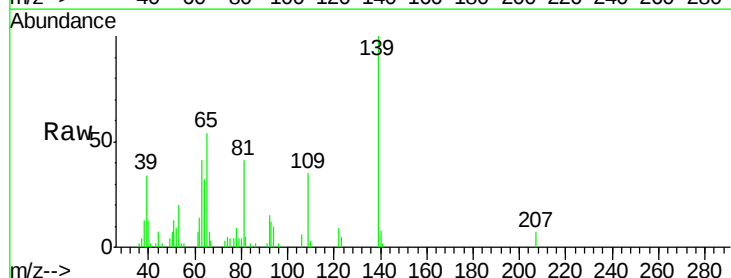
Tgt Ion: 139 Resp: 35402

Ion Ratio Lower Upper

139 100

109 35.3 24.2 36.2

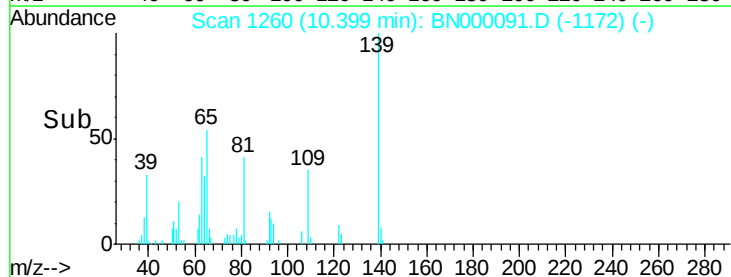
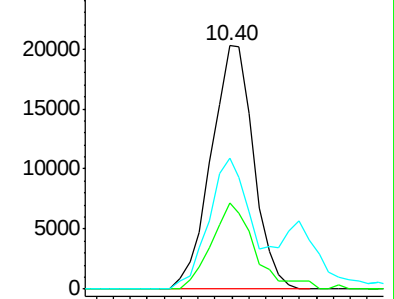
65 53.6 47.4 71.0

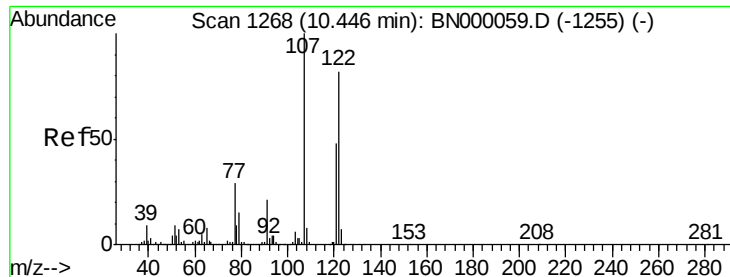


Abundance Ion 139.00 (138.70 to 139.70): BN000059.D (-1253) (-)

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: 3.56 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

Instrument :

BNA_N

ClientSampleId :

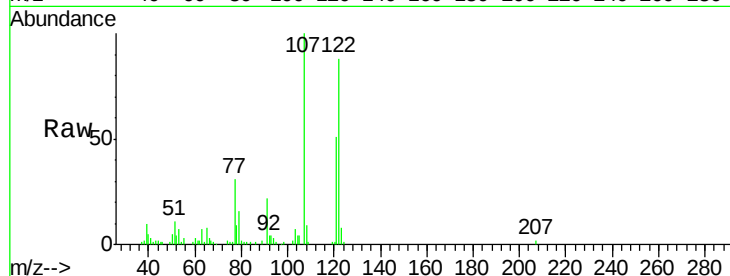
Tot Ion:122 Resp: 98320

Ion Ratio Lower Upper

122 100

107 113.1 100.2 150.2

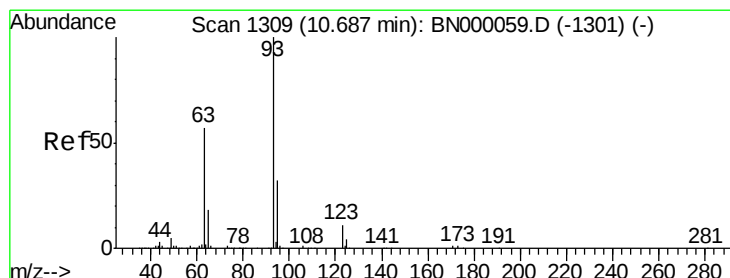
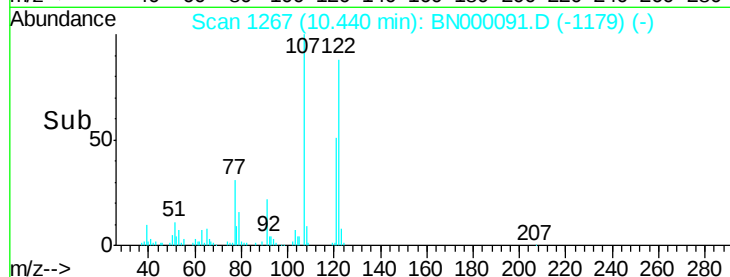
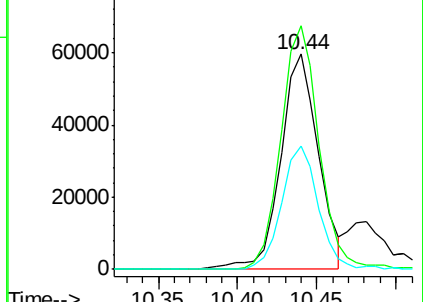
121 57.2 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 4.17 ng

RT: 10.68 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

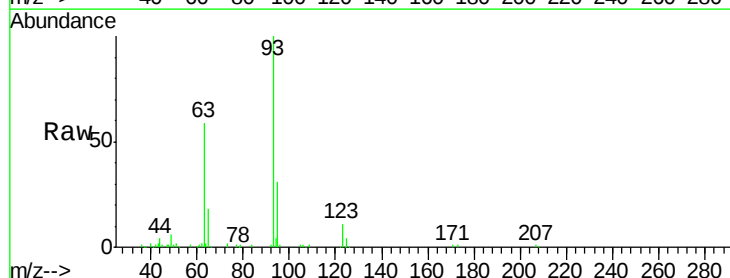
Tgt Ion: 93 Resp: 170307

Ion Ratio Lower Upper

93 100

95 31.2 24.3 36.5

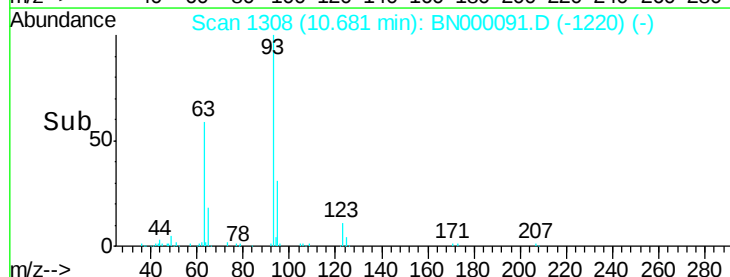
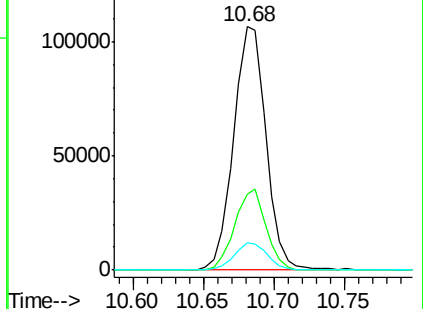
123 11.2 8.4 12.6

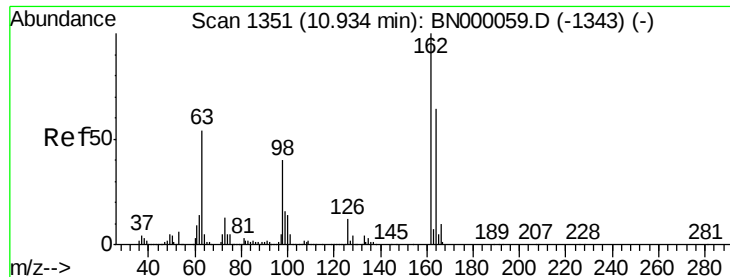


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 3.25 ng

RT: 10.93 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

Instrument :

BNA_N

ClientSampleId :

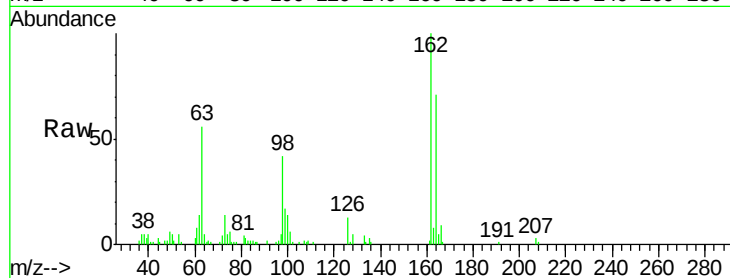
Tot Ion:162 Resp: 83066

Ion Ratio Lower Upper

162 100

164 71.2 48.0 88.0

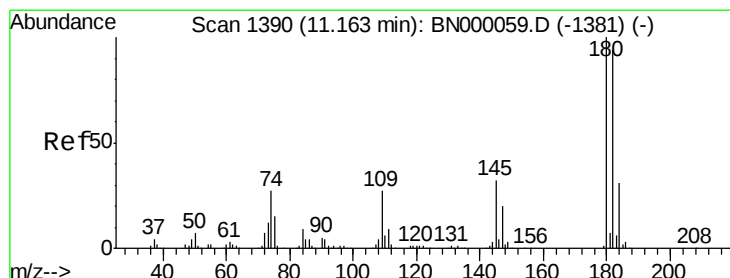
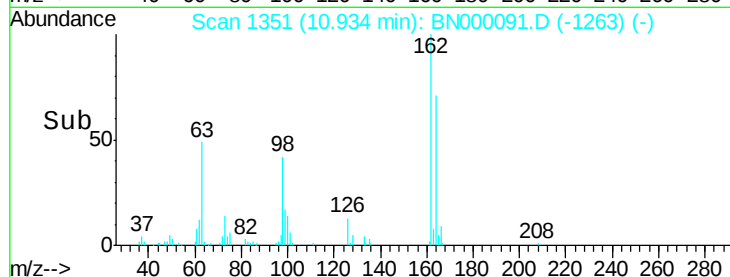
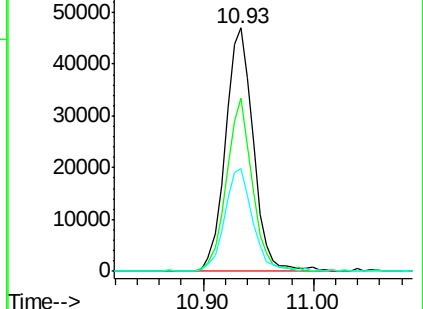
98 42.2 21.1 61.1



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: 4.53 ng

RT: 11.16 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

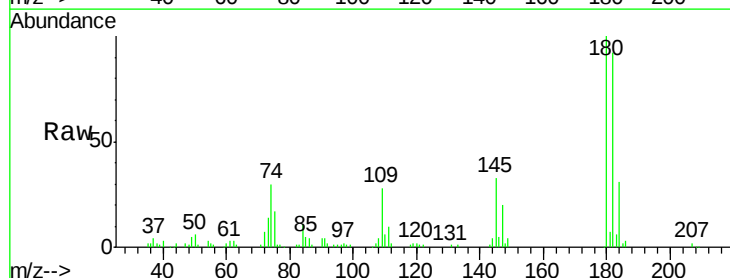
Tgt Ion:180 Resp: 133180

Ion Ratio Lower Upper

180 100

182 92.4 77.5 116.3

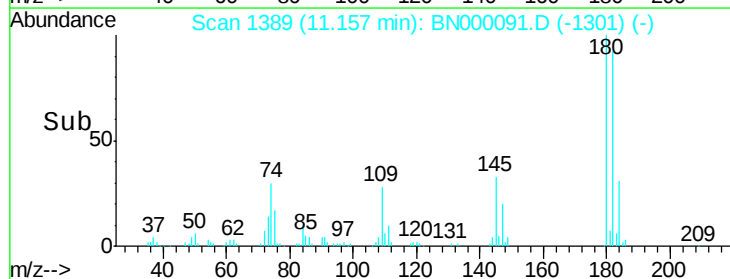
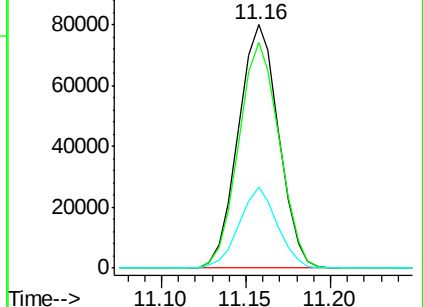
145 33.2 23.4 35.2

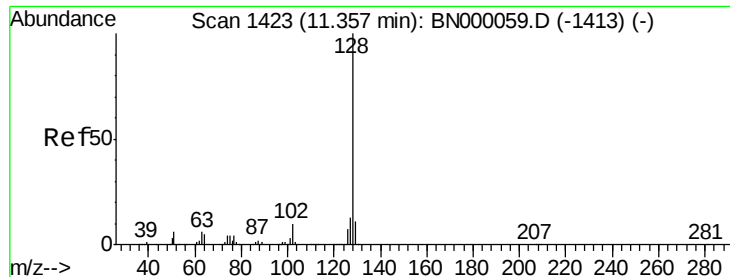


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

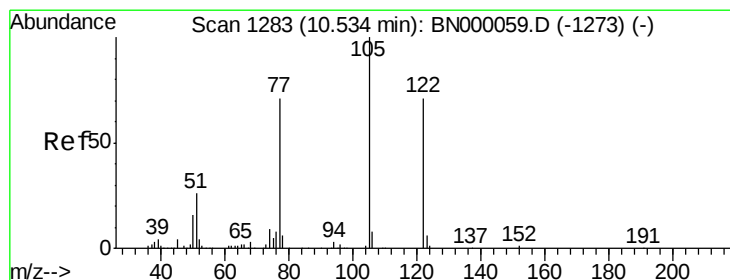
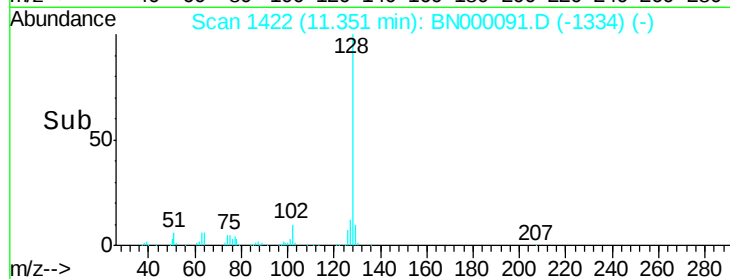
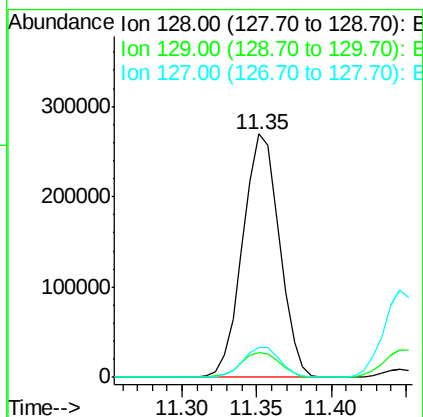
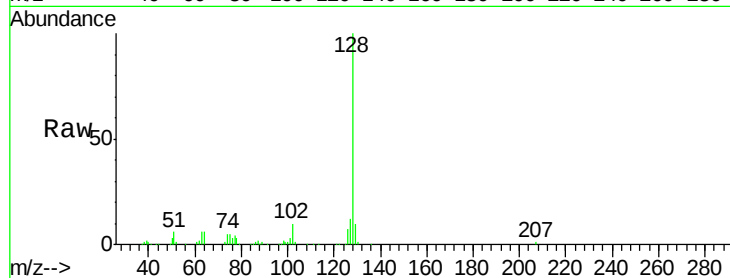




#31
Naphthalene
Concen: 4.58 ng
RT: 11.35 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

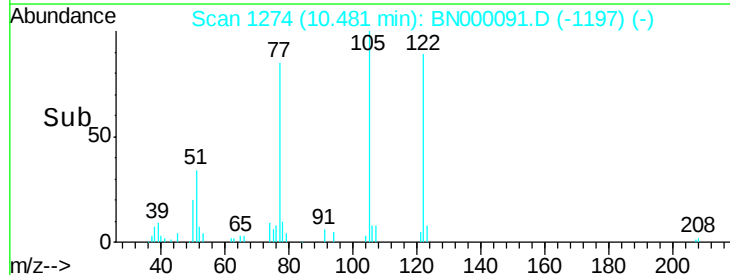
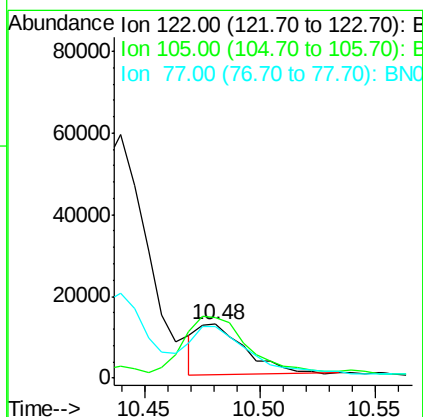
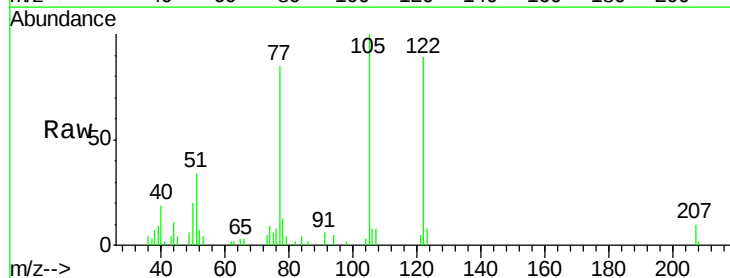
Instrument :
BNA_N
ClientSampleId :

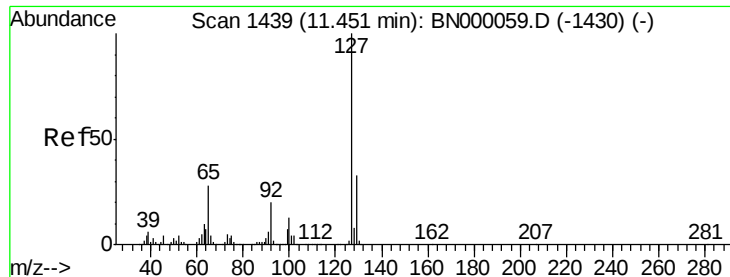
Tot Ion:128 Resp: 459208
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 12.3 11.6 17.4



#32
Benzoic acid
Concen: 11.22 ng
RT: 10.48 min Scan# 1274
Delta R.T. -0.08 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Tgt Ion:122 Resp: 17691
Ion Ratio Lower Upper
122 100
105 112.7 123.5 163.5#
77 96.2 85.7 125.7

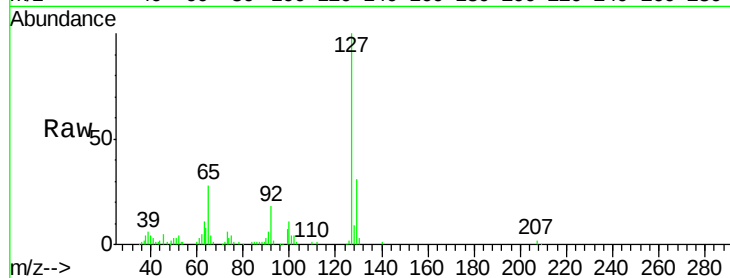




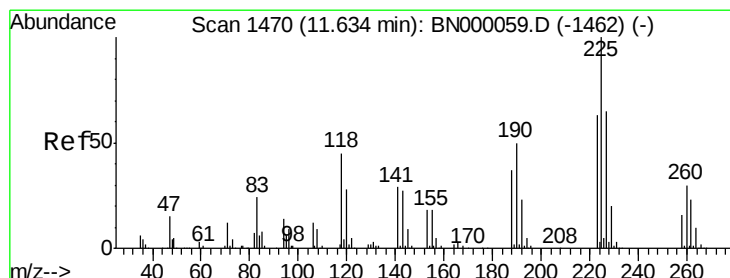
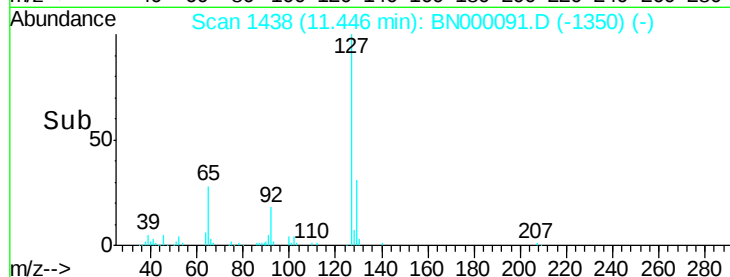
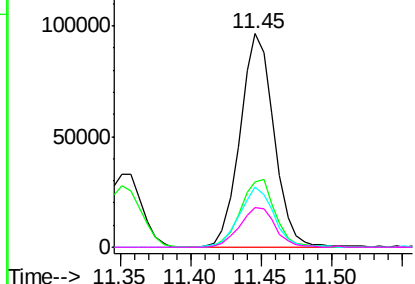
#33
4-Chloroaniline
Concen: 3.67 ng
RT: 11.45 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Instrument :
BNA_N
ClientSampled :

Tot Ion:	127	Resp:	161804
Ion	Ratio	Lower	Upper
127	100		
129	30.8	24.0	36.0
65	28.3	27.0	40.4
92	18.5	16.6	25.0

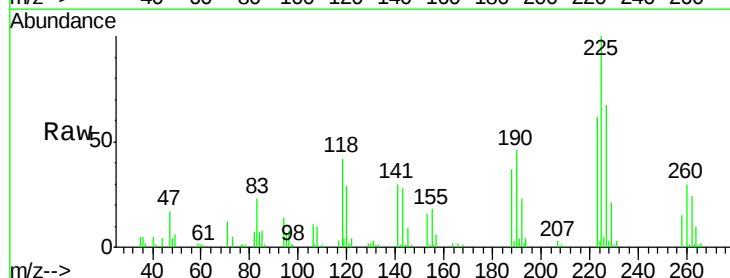


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

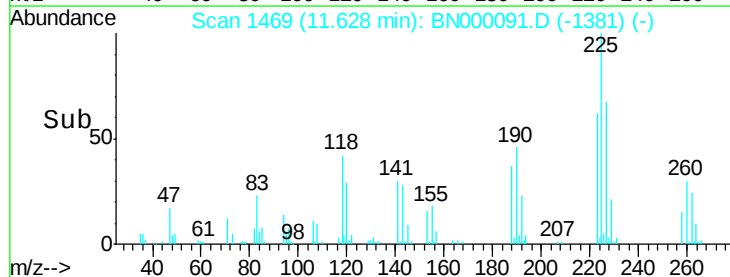
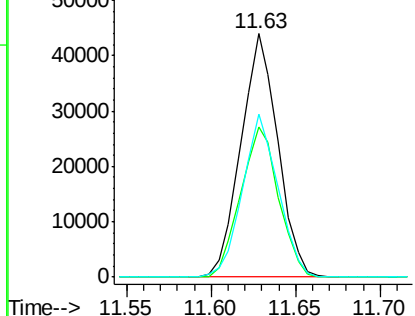


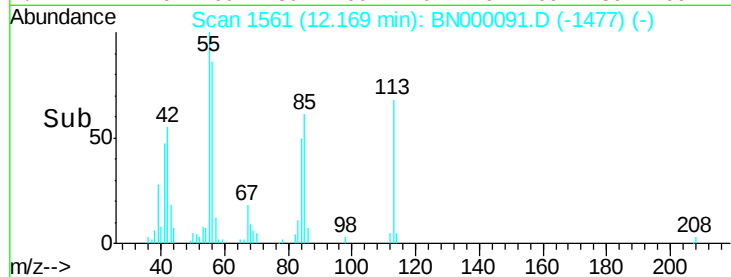
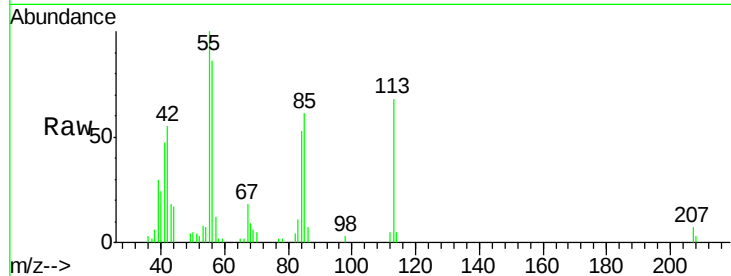
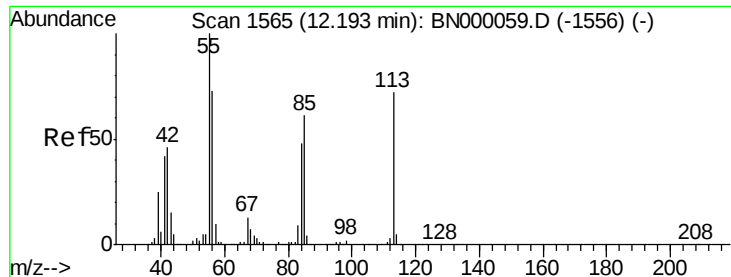
#34
Hexachlorobutadiene
Concen: 4.38 ng
RT: 11.63 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Tgt Ion:	225	Resp:	66791
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.7	74.5
227	66.9	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

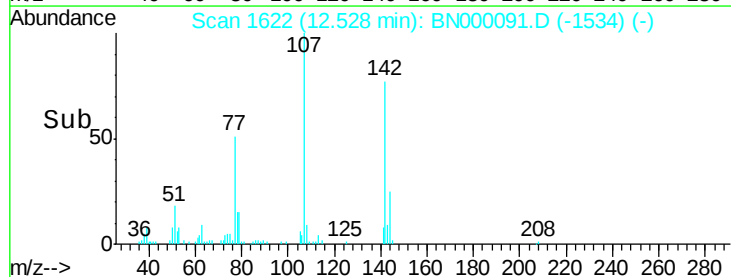
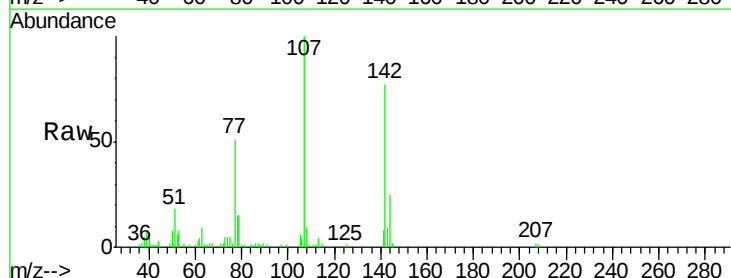
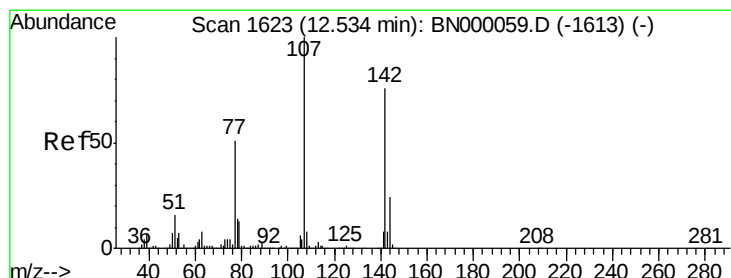
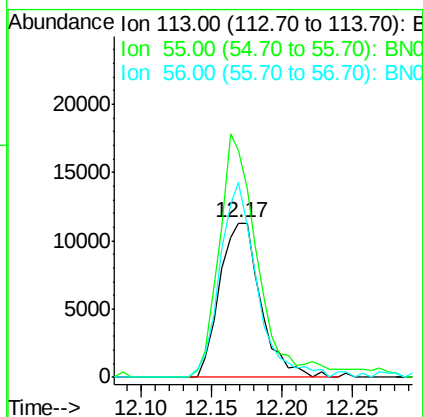




#35
Caprolactam
Concen: 5.88 ng
RT: 12.17 min Scan# 1561
Delta R.T. -0.03 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

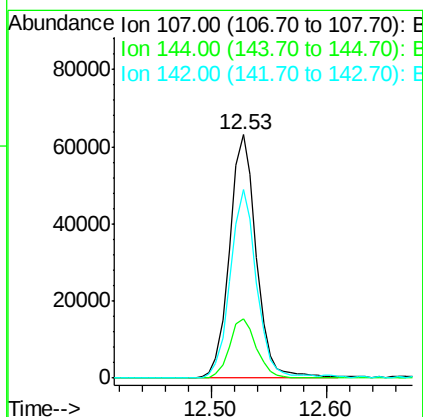
Instrument :
BNA_N
ClientSampled :

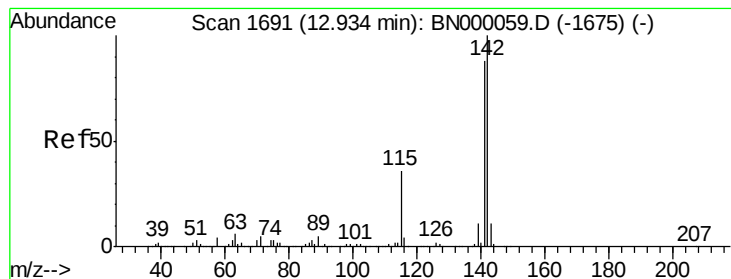
Tot Ion:113 Resp: 22725
Ion Ratio Lower Upper
113 100
55 147.2 120.0 160.0
56 126.3 90.0 130.0



#36
4-Chloro-3-methylphenol
Concen: 3.14 ng
RT: 12.53 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Tgt Ion:107 Resp: 101802
Ion Ratio Lower Upper
107 100
144 24.6 18.2 27.4
142 77.3 59.0 88.4

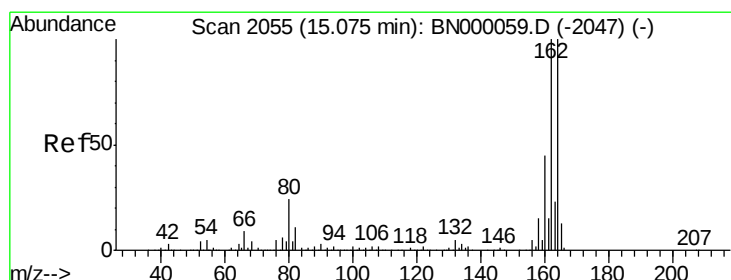
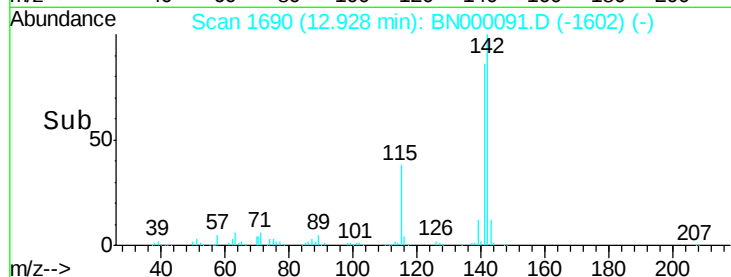
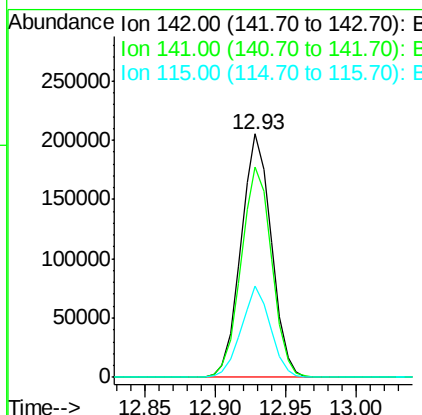
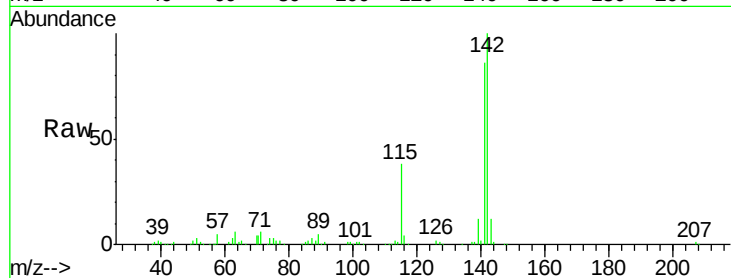




#37
2-Methylnaphthalene
Concen: 4.43 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

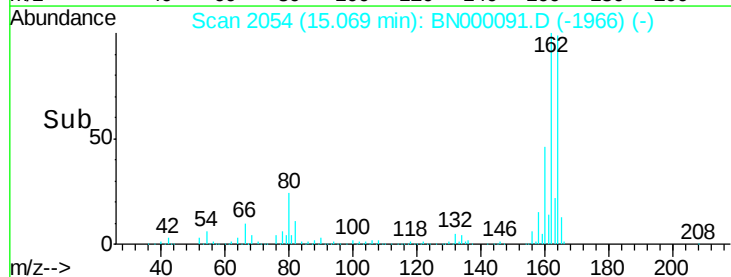
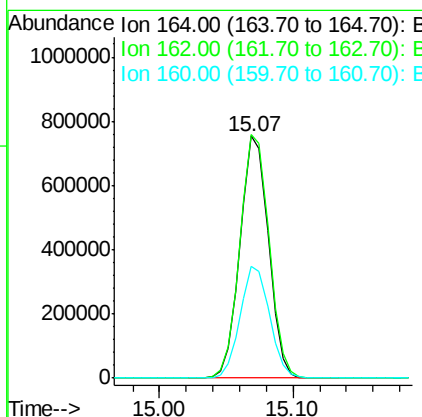
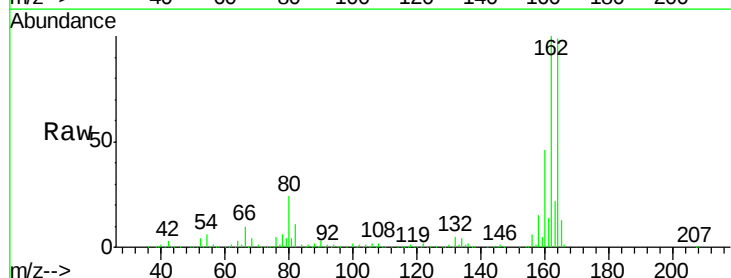
Instrument :
BNA_N
ClientSampleId :

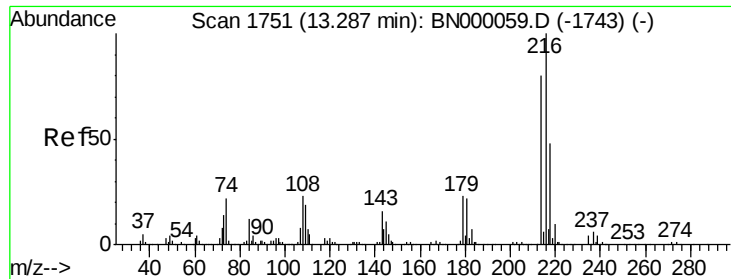
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.3	67.1	100.7
115	37.7	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	78.8	118.2
160	46.1	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.40 ng

RT: 13.29 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BN000091.D

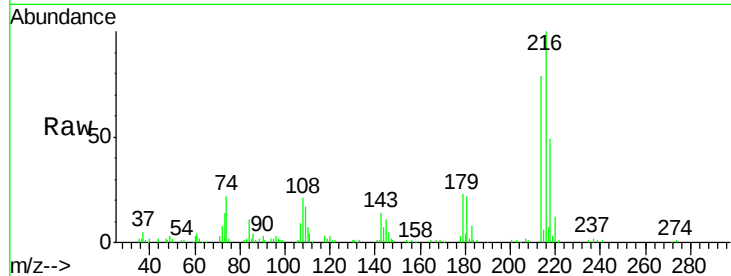
Acq: 15 Feb 2018 11:49

Instrument :

BNA_N

ClientSampled :

Tot Ion:	216	Resp:	143754
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.0	94.4
179	23.3	17.0	25.6
108	24.5	12.8	19.2#

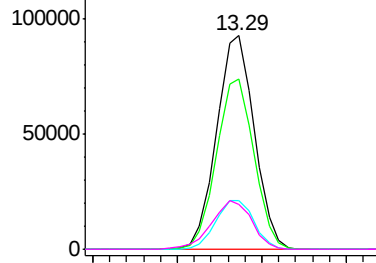


Abundance Ion 216.00 (215.70 to 216.70): E

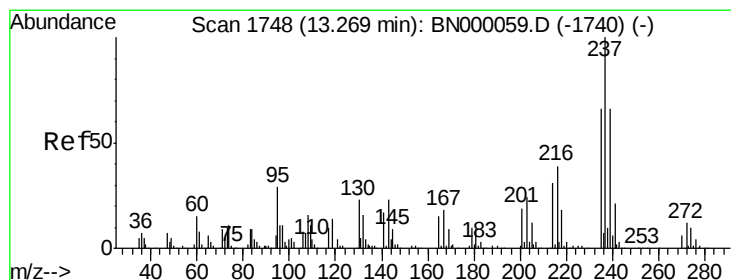
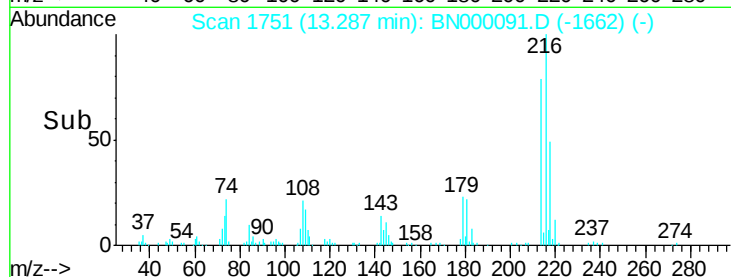
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 13.20 13.25 13.30 13.35



#40

Hexachlorocyclopentadiene

Concen: 3.39 ng

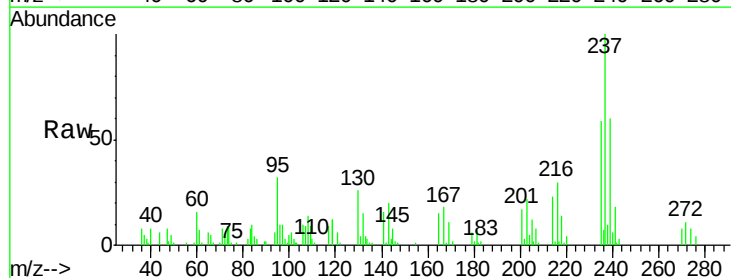
RT: 13.26 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

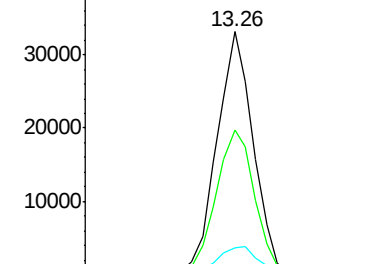
Tgt Ion:	237	Resp:	46195
Ion Ratio	Lower	Upper	
237	100		
235	59.4	50.4	90.4
272	11.2	0.0	31.8



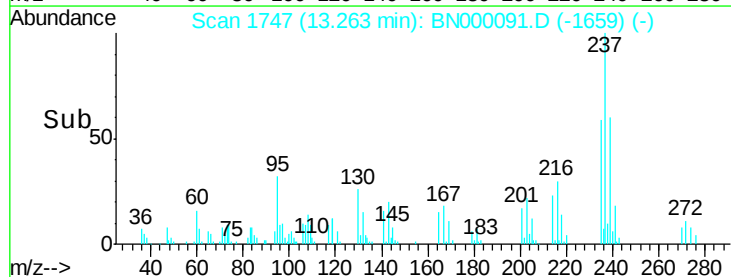
Abundance Ion 236.80 (236.50 to 237.50): E

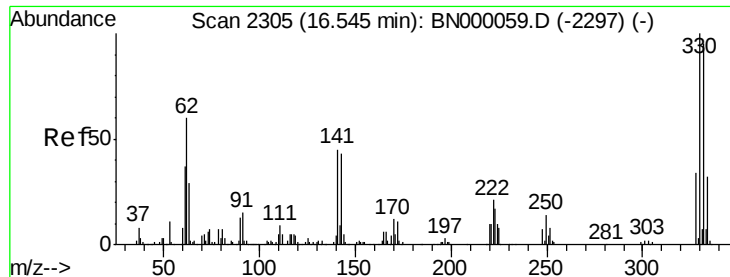
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time--> 13.20 13.25 13.30

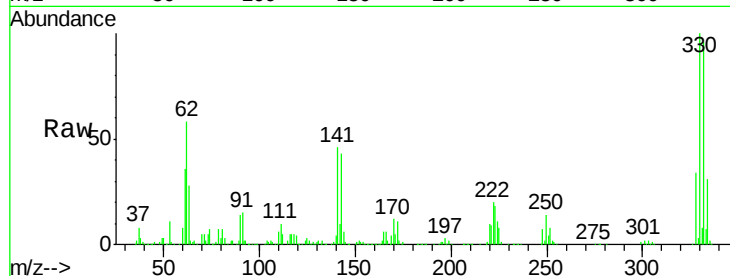




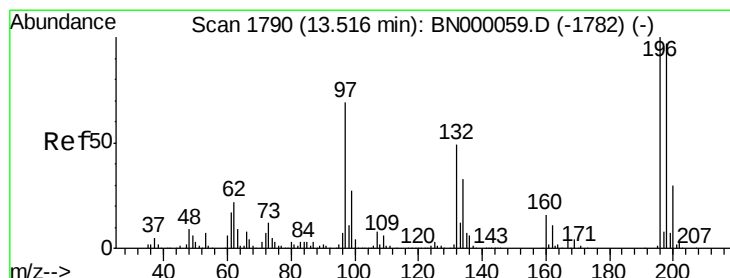
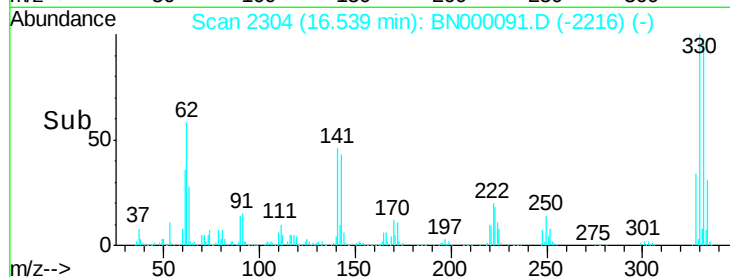
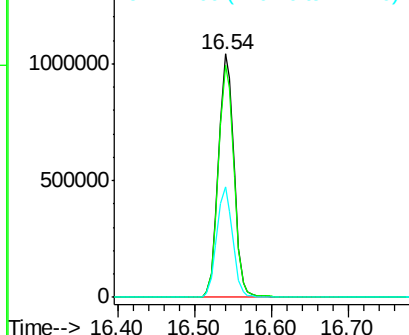
#41
 2,4,6-Tribromophenol
 Concen: 132.48 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BN000091.D
 Acq: 15 Feb 2018 11:49

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:330 Resp: 1452205
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 46.2 25.2 37.8#

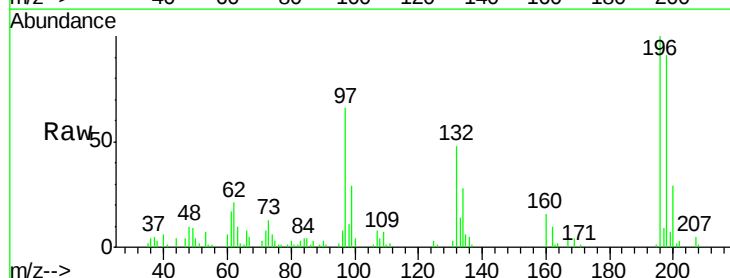


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

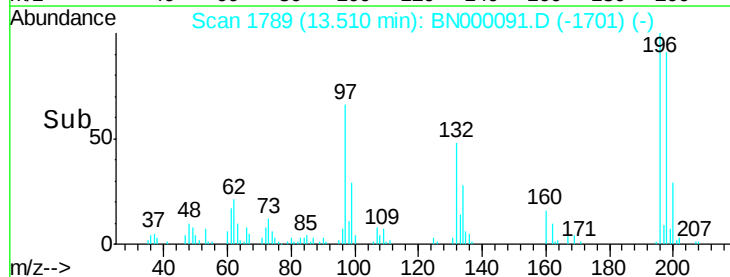
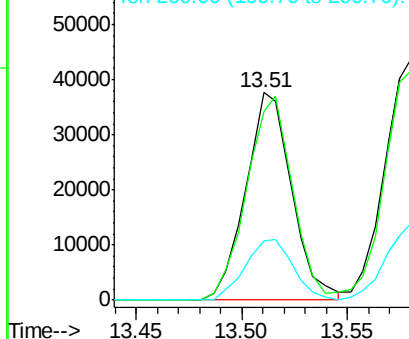


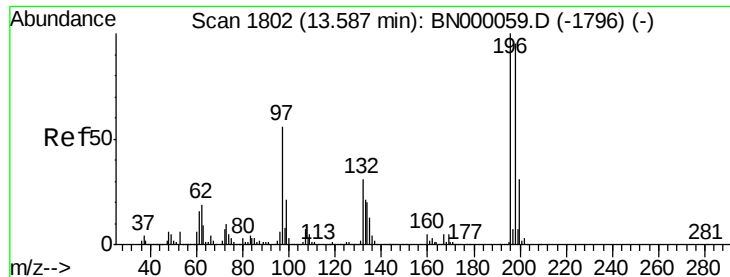
#42
 2,4,6-Trichlorophenol
 Concen: 2.91 ng
 RT: 13.51 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BN000091.D
 Acq: 15 Feb 2018 11:49

Tgt Ion:196 Resp: 56978
 Ion Ratio Lower Upper
 196 100
 198 90.9 78.2 117.2
 200 28.9 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

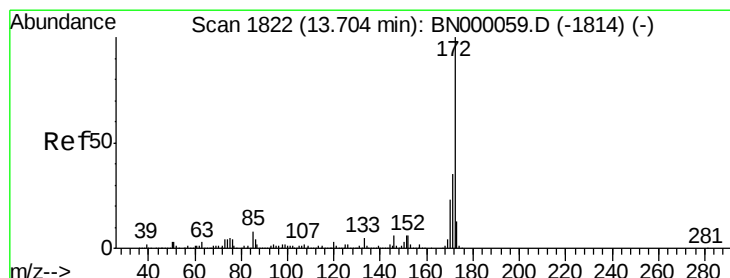
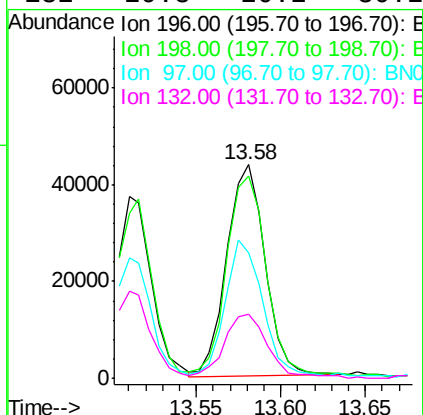
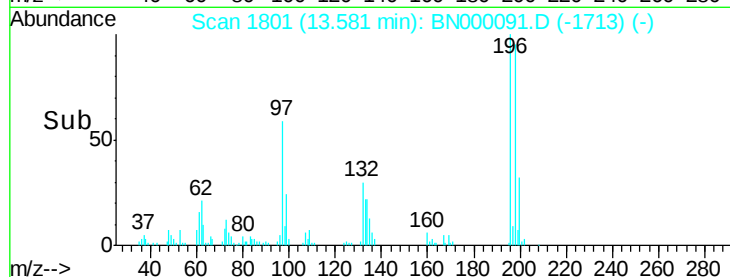
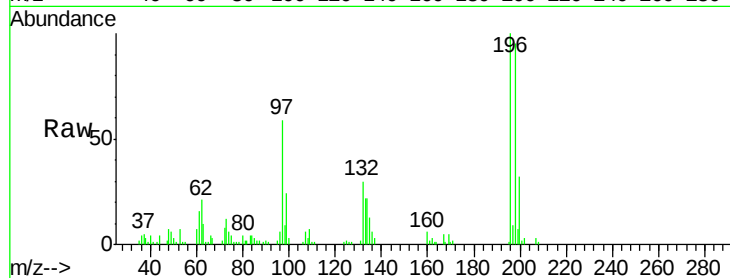




#43
2,4,5-Trichlorophenol
Concen: 2.93 ng
RT: 13.58 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

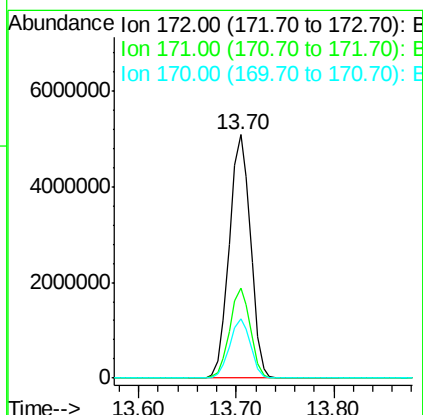
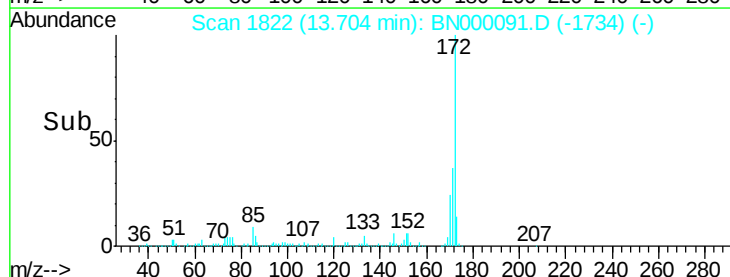
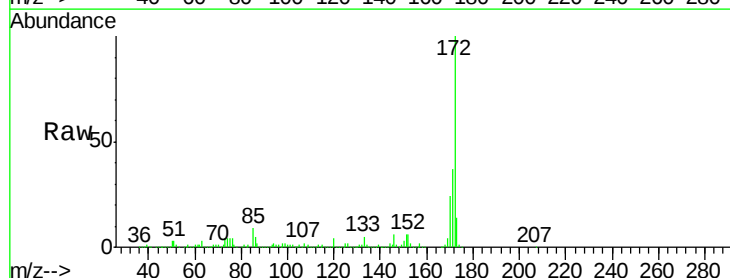
Instrument :
BNA_N
ClientSampleId :

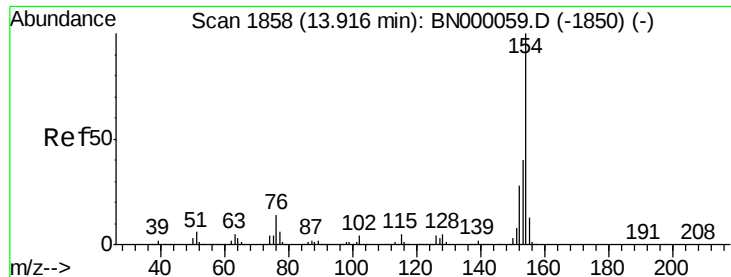
Tot Ion:196 Resp: 69040
Ion Ratio Lower Upper
196 100
198 94.8 76.2 114.4
97 58.9 38.7 58.1#
132 29.8 20.2 30.2



#44
2-Fluorobiphenyl
Concen: 97.65 ng
RT: 13.70 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Tgt Ion:172 Resp: 7672701
Ion Ratio Lower Upper
172 100
171 37.1 30.0 45.0
170 24.5 19.5 29.3





#45

1,1'-Biphenyl

Concen: 4.69 ng

RT: 13.92 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

Instrument :

BNA_N

ClientSampleId :

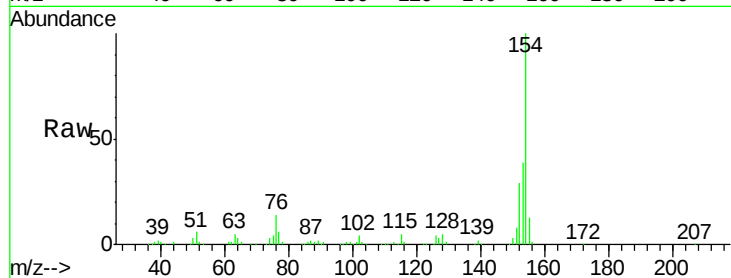
Tot Ion:154 Resp: 457275

Ion Ratio Lower Upper

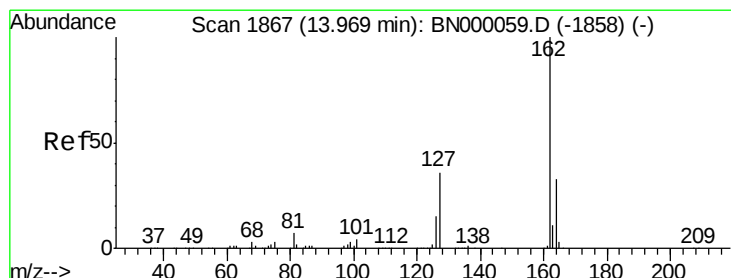
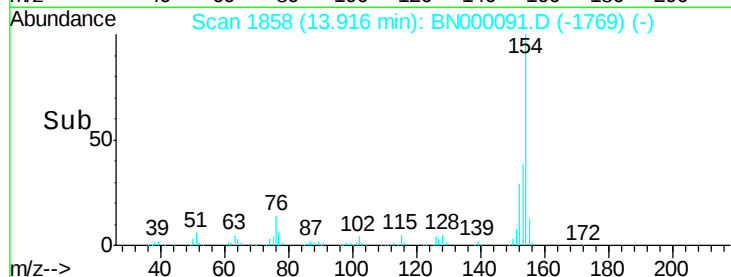
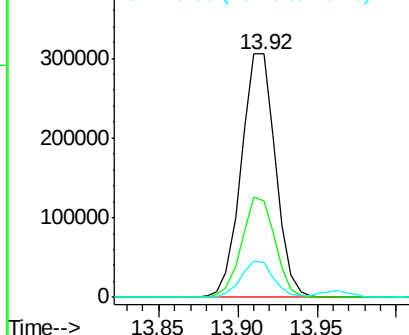
154 100

153 39.5 19.8 59.8

76 14.2 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: 4.44 ng

RT: 13.96 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

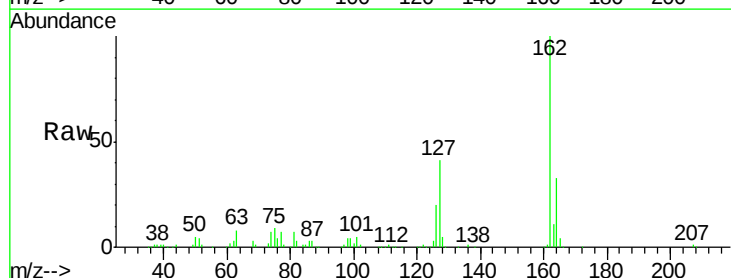
Tgt Ion:162 Resp: 325190

Ion Ratio Lower Upper

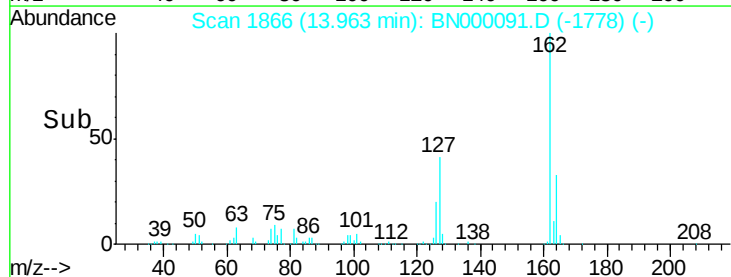
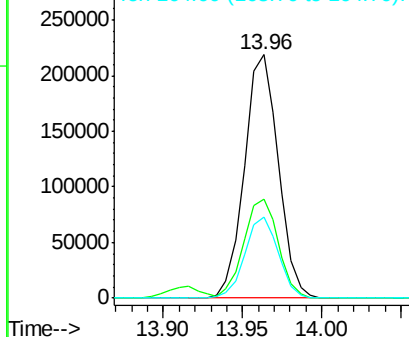
162 100

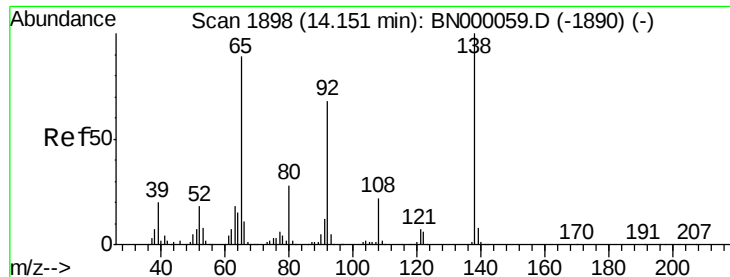
127 40.7 30.7 46.1

164 33.4 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

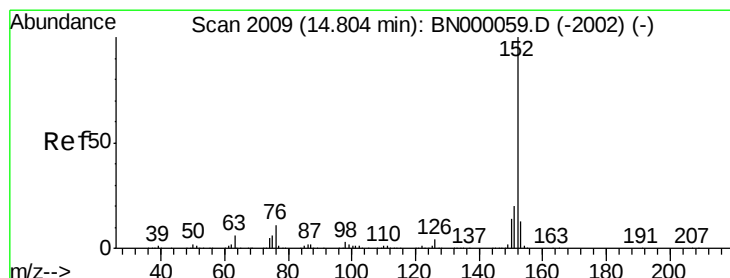
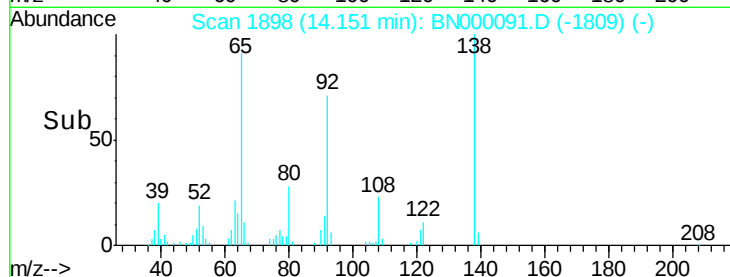
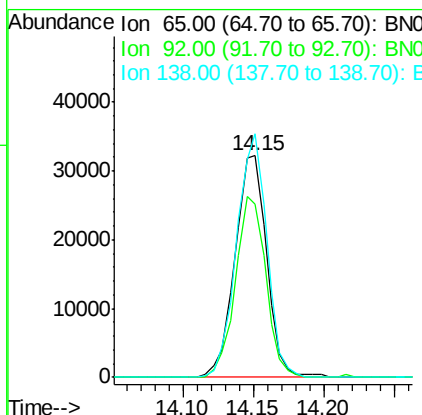
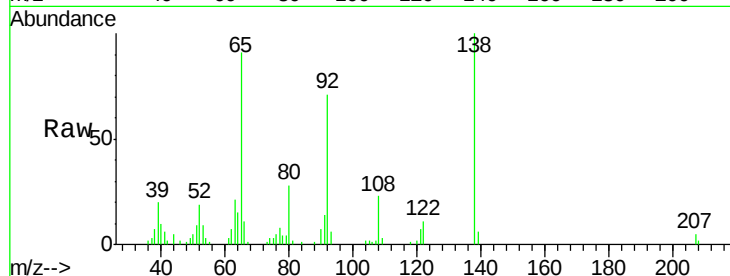




#47
2-Nitroaniline
Concen: 6.99 ng
RT: 14.15 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

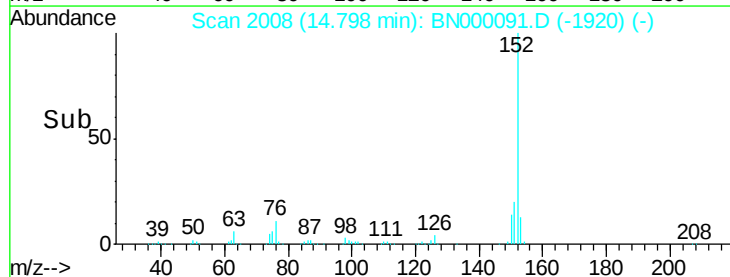
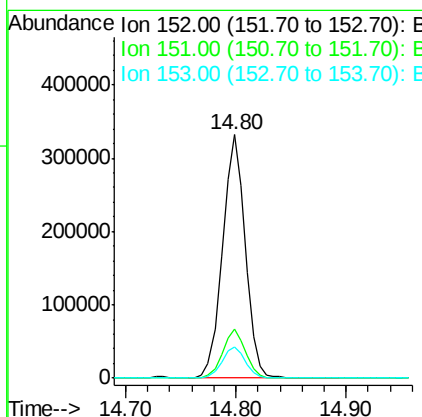
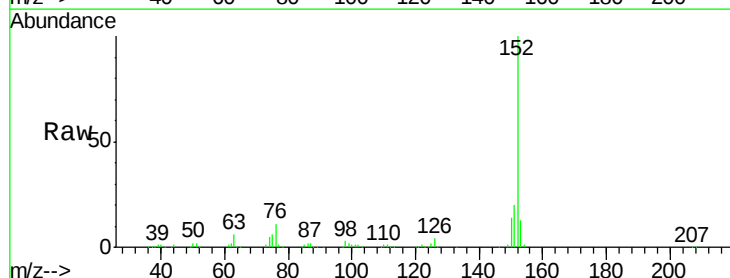
Instrument :
BNA_N
ClientSampled :

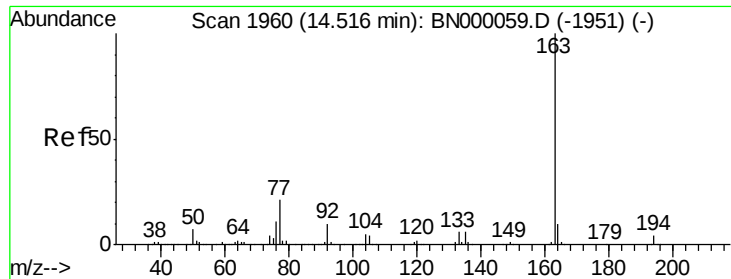
Tot Ion: 65 Resp: 50557
Ion Ratio Lower Upper
65 100
92 78.2 54.6 82.0
138 109.8 72.9 109.3#



#48
Acenaphthylene
Concen: 4.06 ng
RT: 14.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Tgt Ion: 152 Resp: 479232
Ion Ratio Lower Upper
152 100
151 20.3 17.2 25.8
153 12.9 10.2 15.4





#49

Dimethylphthalate

Concen: 4.12 ng

RT: 14.50 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

Instrument :

BNA_N

ClientSampleId :

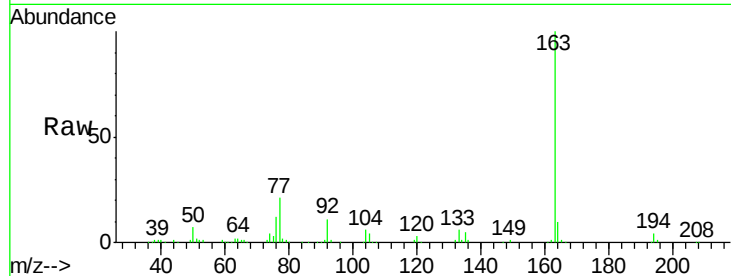
Tot Ion:163 Resp: 381019

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.2

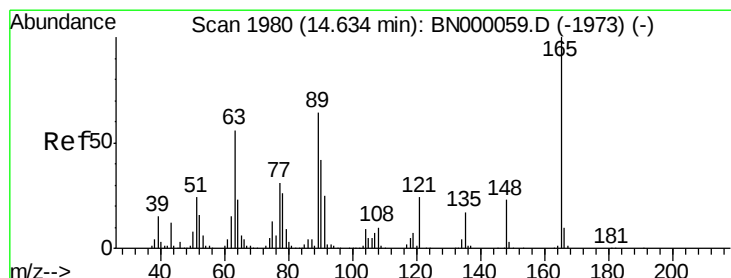
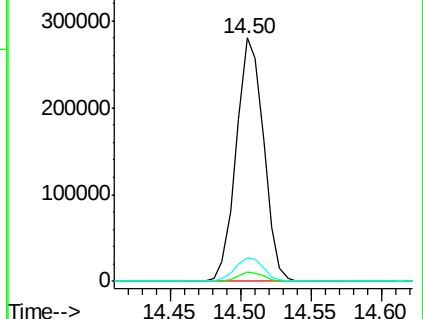
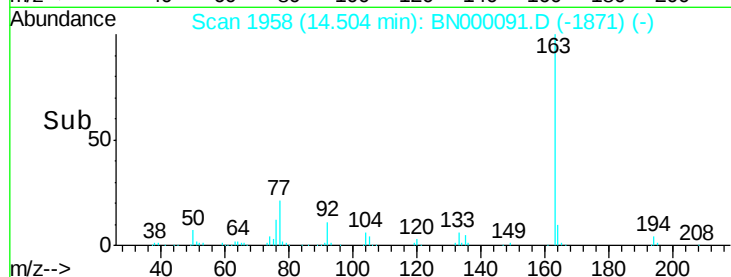
164 9.7 8.2 12.4



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: 2.88 ng

RT: 14.63 min Scan# 1979

Delta R.T. -0.02 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

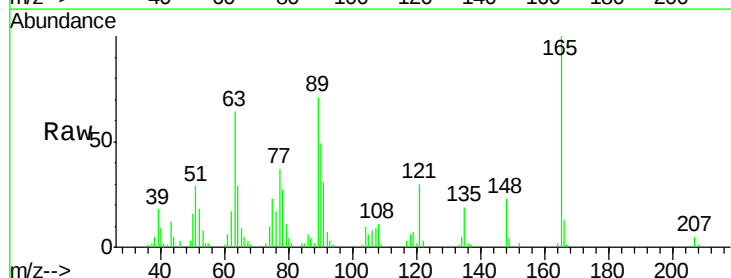
Tgt Ion:165 Resp: 54978

Ion Ratio Lower Upper

165 100

63 64.3 52.7 79.1

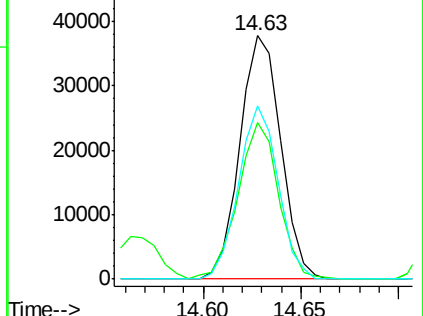
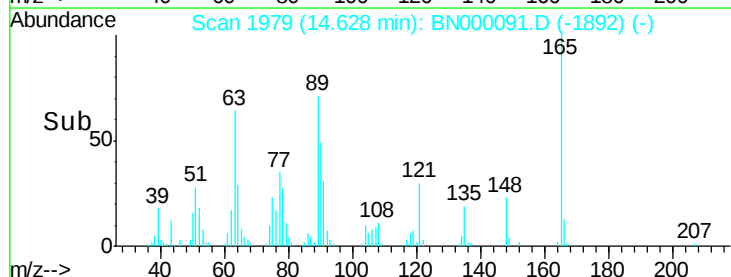
89 71.2 49.2 73.8

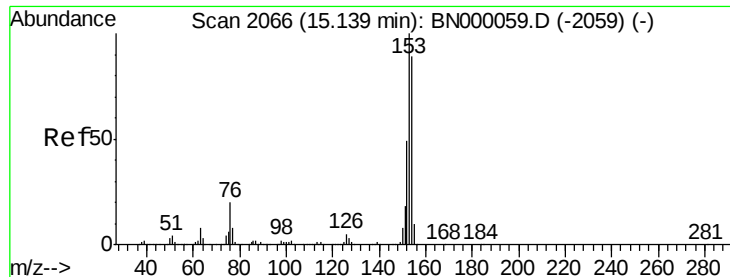


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 4.41 ng

RT: 15.13 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

Instrument :

BNA_N

ClientSampleId :

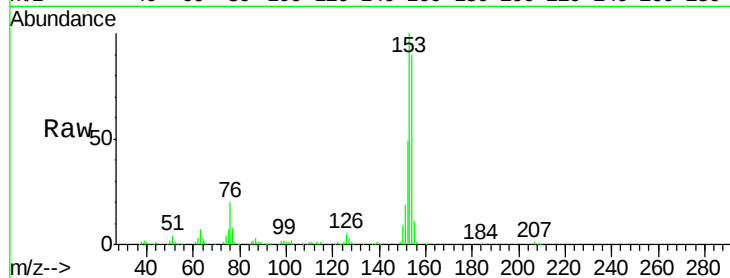
Tot Ion:154 Resp: 338472

Ion Ratio Lower Upper

154 100

153 111.2 90.4 135.6

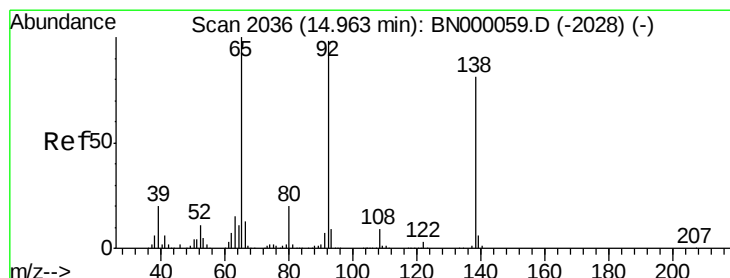
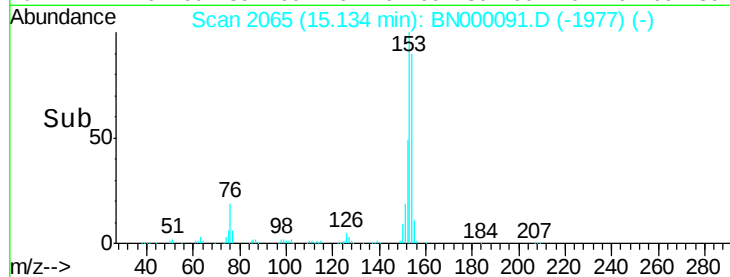
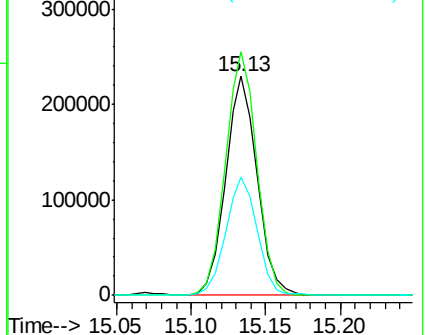
152 54.0 41.6 62.4



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: 2.91 ng

RT: 14.96 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

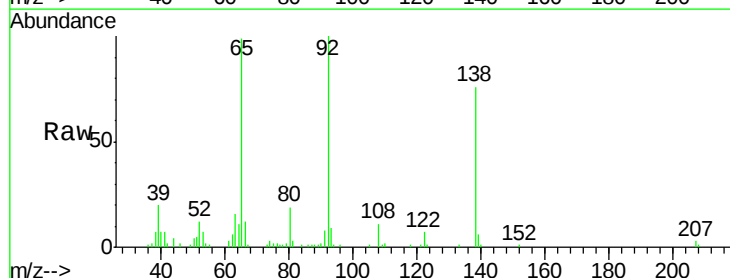
Tgt Ion:138 Resp: 67497

Ion Ratio Lower Upper

138 100

108 14.8 17.5 26.3#

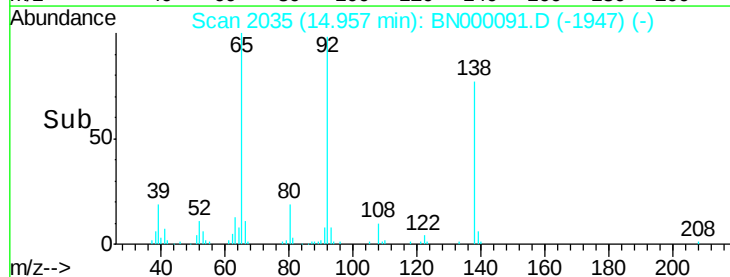
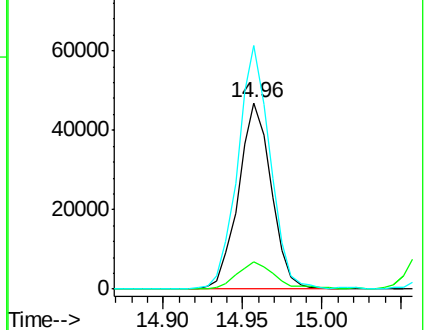
92 130.8 105.8 158.8

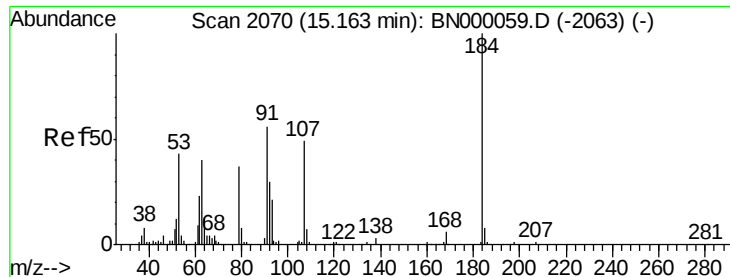


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

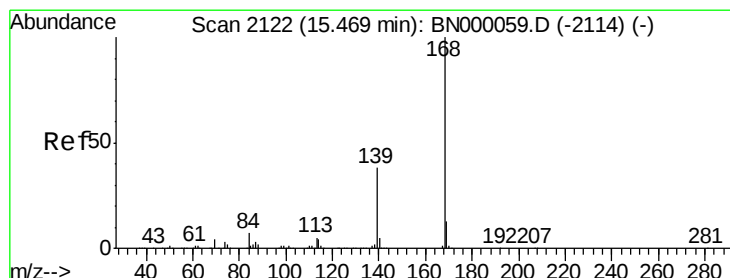
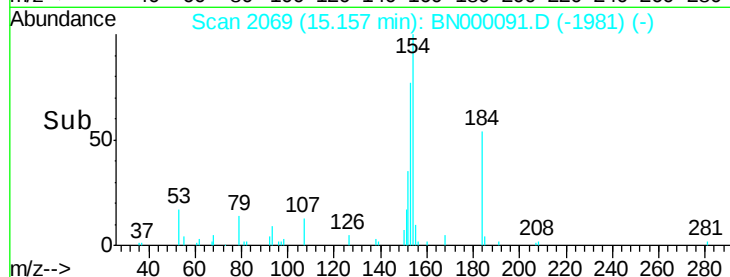
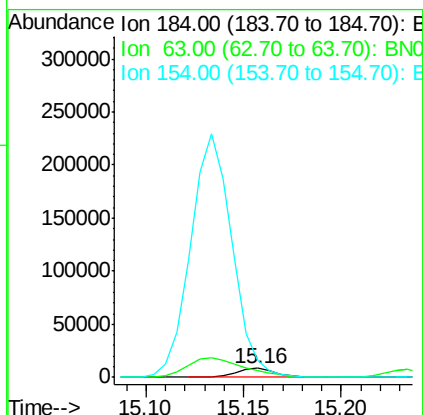
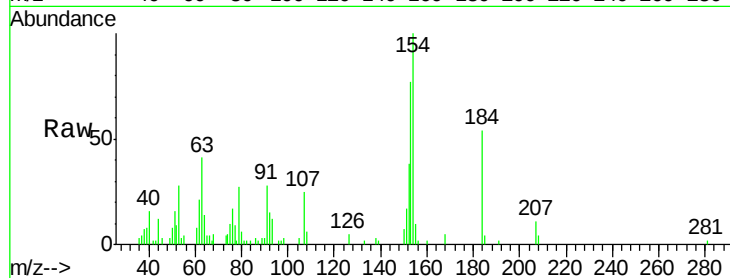




#53
2,4-Dinitrophenol
Concen: 10.86 ng
RT: 15.16 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

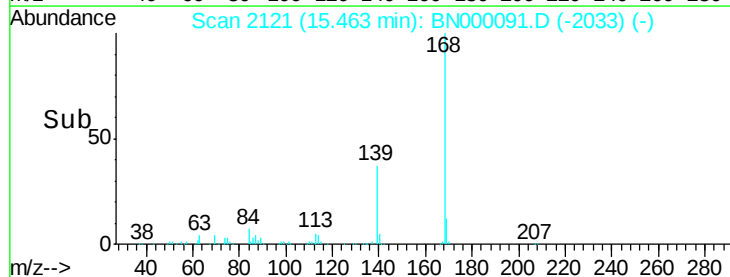
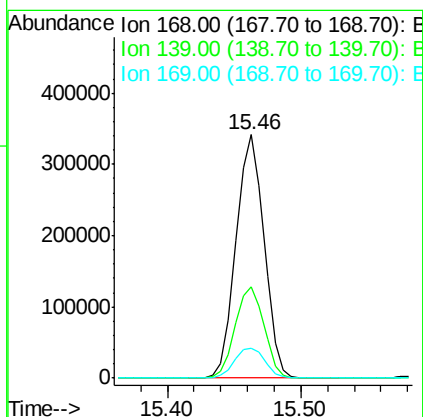
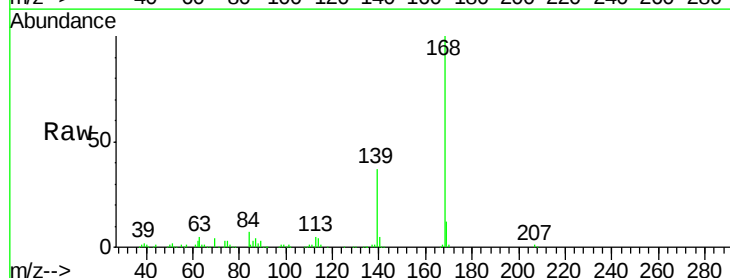
Instrument :
BNA_N
ClientSampleId :

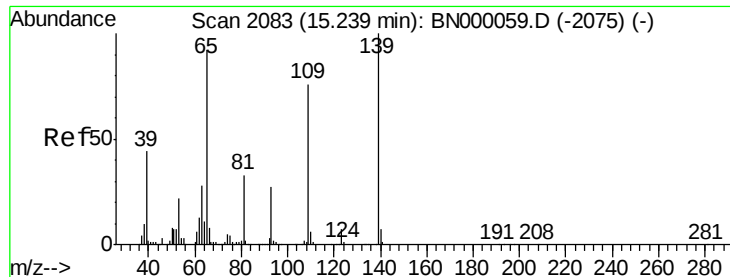
Tot Ion:184 Resp: 12527
Ion Ratio Lower Upper
184 100
63 75.7 80.0 120.0#
154 186.8 308.0 462.0#



#54
Dibenzofuran
Concen: 4.59 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Tgt Ion:168 Resp: 498478
Ion Ratio Lower Upper
168 100
139 37.2 28.6 43.0
169 12.4 11.2 16.8

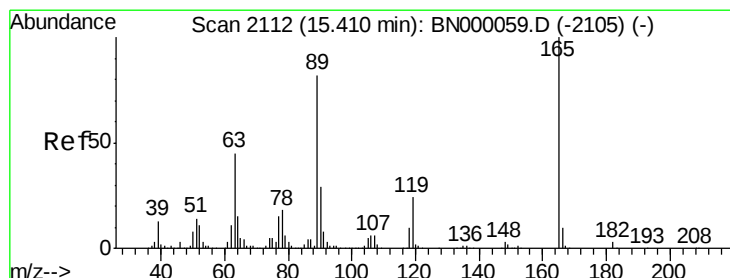
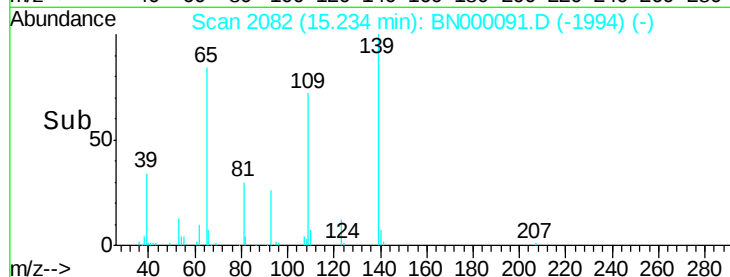
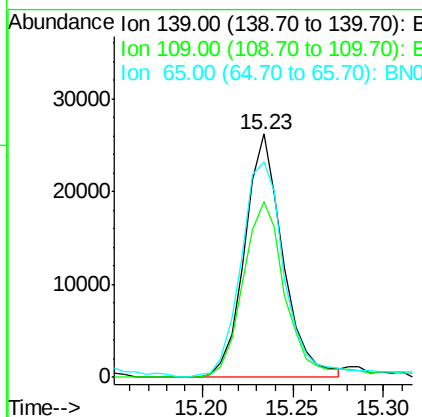
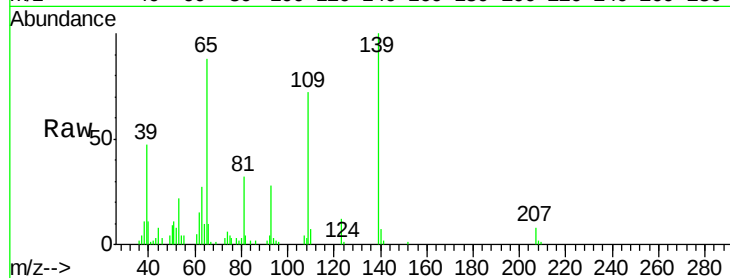




#55
4-Nitrophenol
Concen: 6.87 ng
RT: 15.23 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

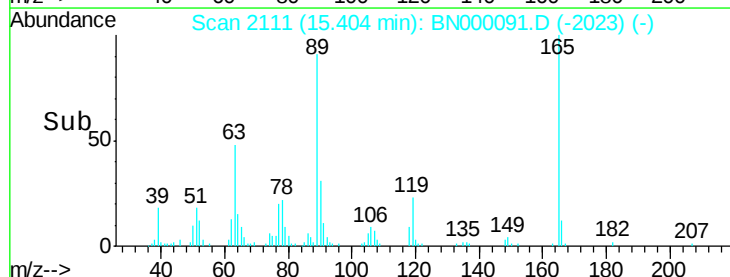
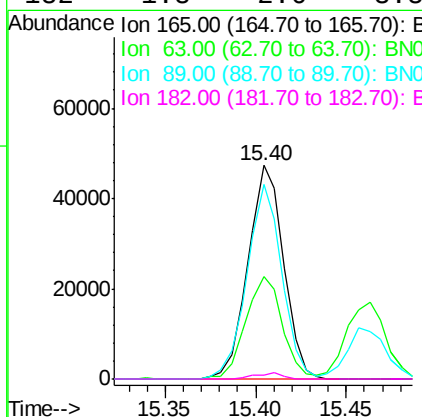
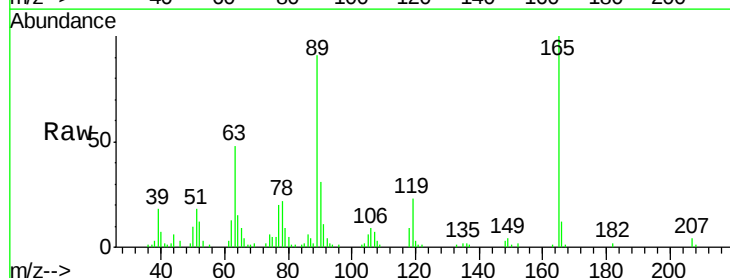
Instrument :
BNA_N
ClientSampleId :

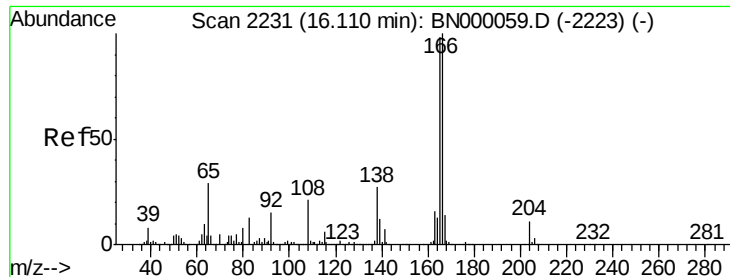
Tot Ion:139 Resp: 38350
Ion Ratio Lower Upper
139 100
109 72.3 62.2 102.2
65 88.3 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 6.34 ng
RT: 15.40 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Tgt Ion:165 Resp: 64600
Ion Ratio Lower Upper
165 100
63 48.0 42.0 63.0
89 90.9 66.9 100.3
182 1.8 2.6 3.8#

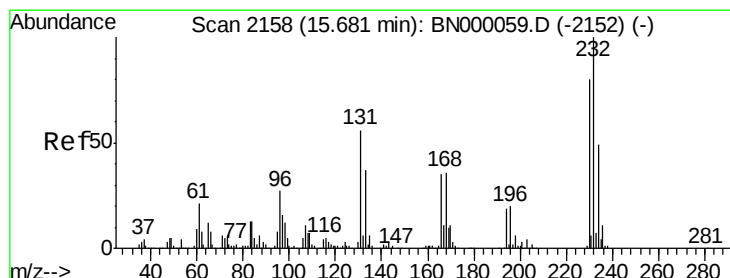
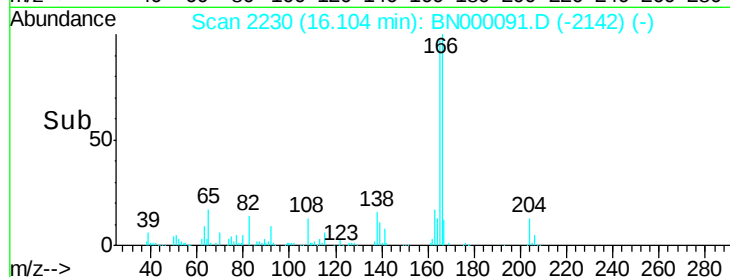
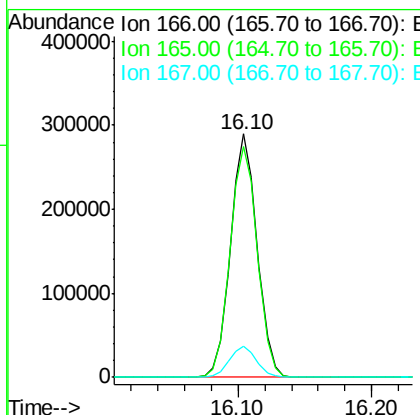
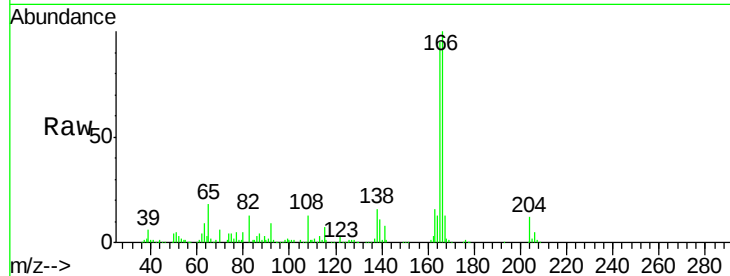




#57
 Fluorene
 Concen: 4.53 ng
 RT: 16.10 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BN000091.D
 Acq: 15 Feb 2018 11:49

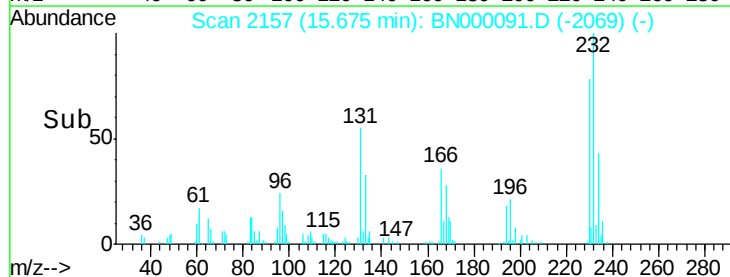
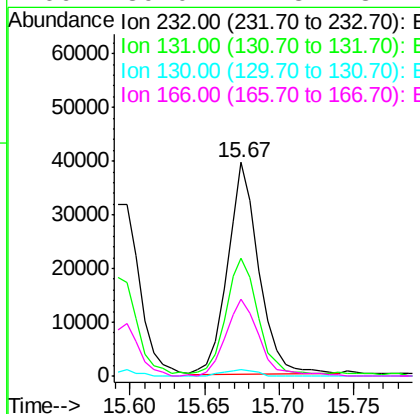
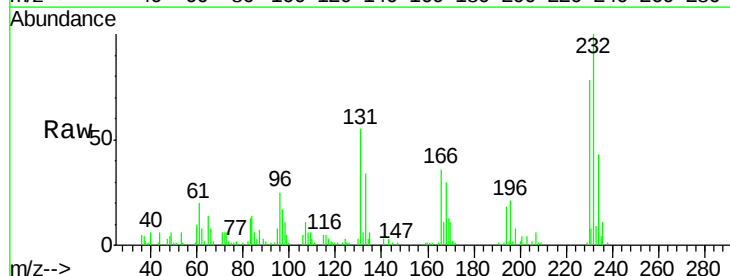
Instrument :
 BNA_N
 ClientSampleId :

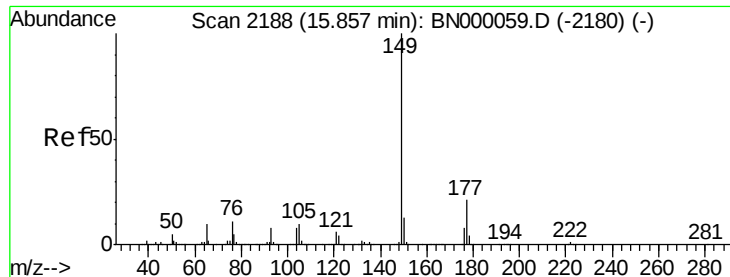
Tot Ion	166	Resp	401764
Ion Ratio	100	Lower	Upper
165	94.9	80.6	121.0
167	12.8	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.11 ng
 RT: 15.67 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BN000091.D
 Acq: 15 Feb 2018 11:49

Tgt Ion	232	Resp	57778
Ion Ratio	100	Lower	Upper
232	100		
131	61.3	33.5	50.3#
130	3.0	2.2	3.2
166	39.0	24.8	37.2#

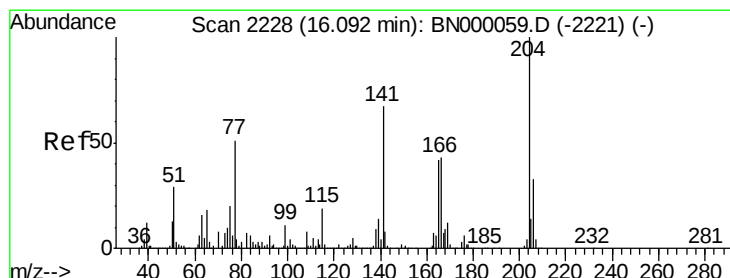
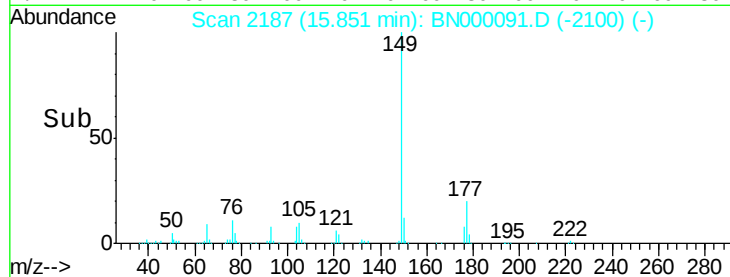
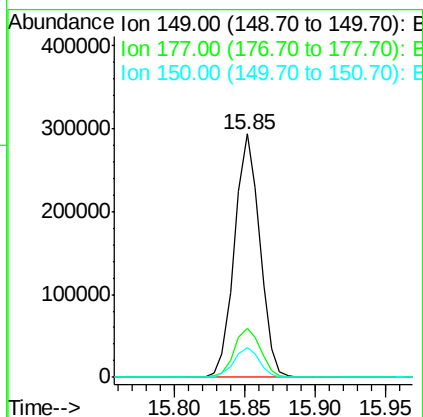
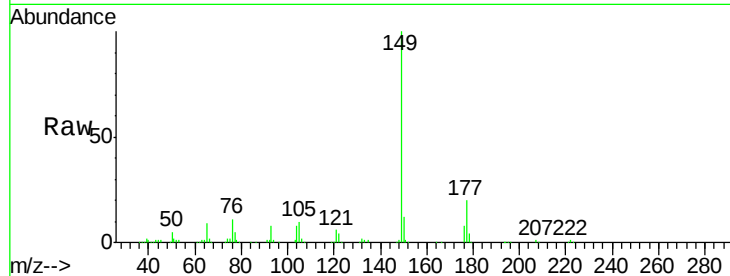




#59
Diethylphthalate
Concen: 3.89 ng
RT: 15.85 min Scan# 2187
Delta R.T. -0.02 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

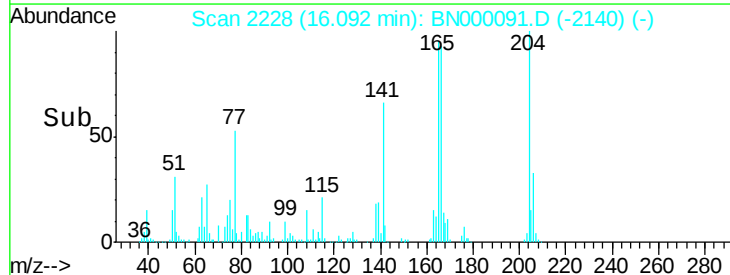
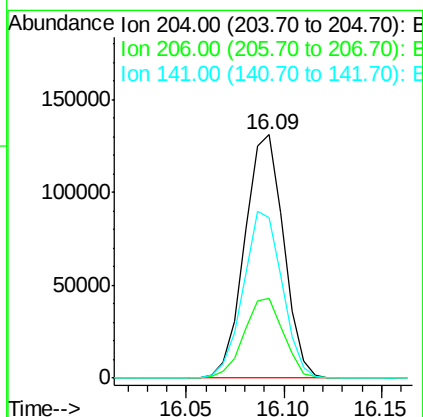
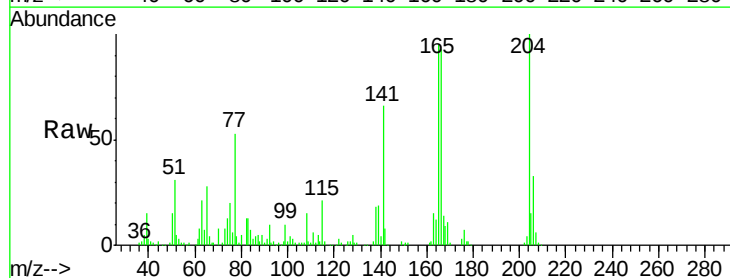
Instrument :
BNA_N
ClientSampleId :

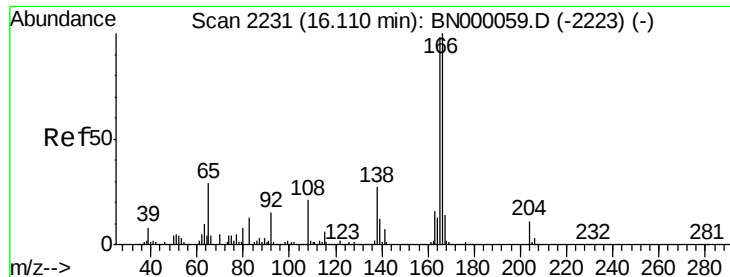
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.3	18.5	27.7
150	12.3	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 4.48 ng
RT: 16.09 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.2
141	66.0	45.8	68.6

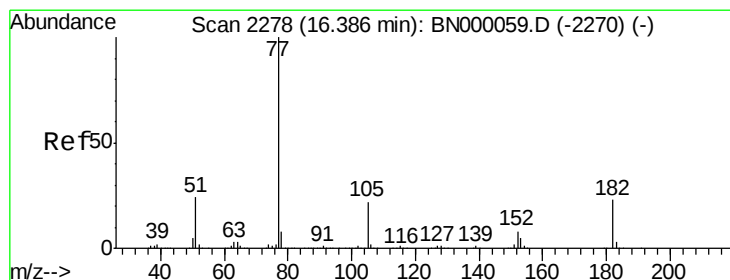
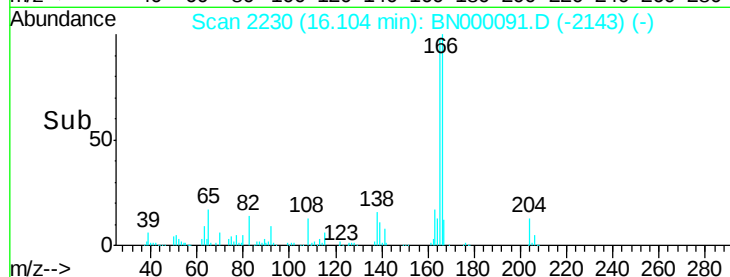
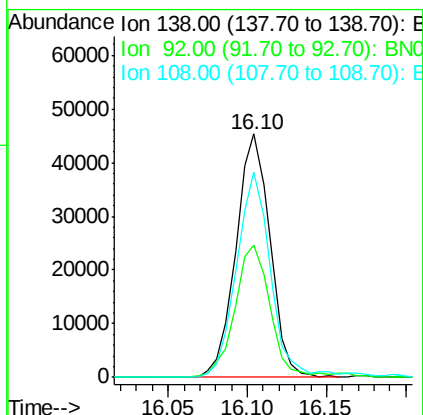
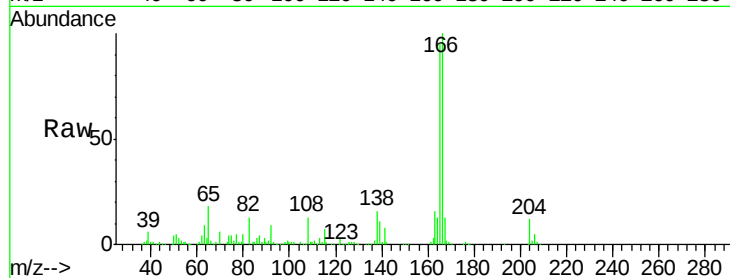




#61
4-Nitroaniline
Concen: 2.83 ng
RT: 16.10 min Scan# 2230
Delta R.T. -0.02 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

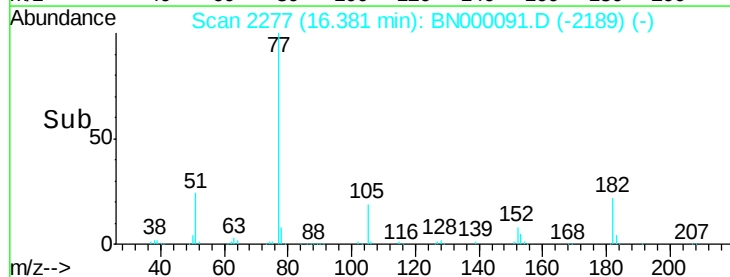
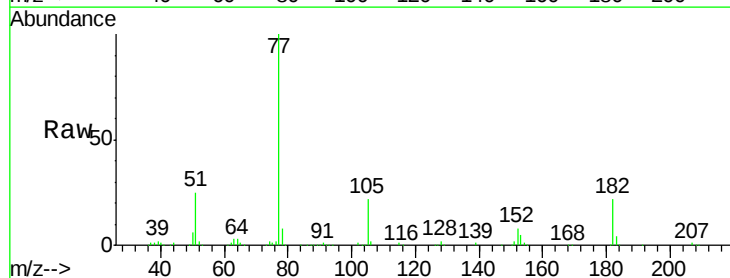
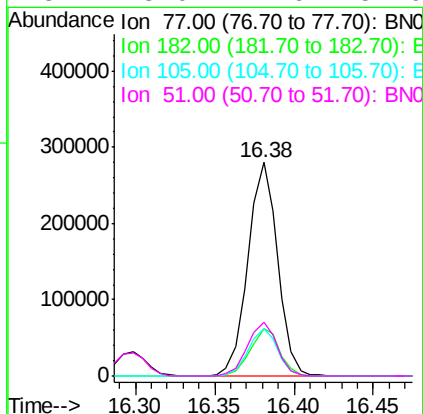
Instrument :
BNA_N
ClientSampleId :

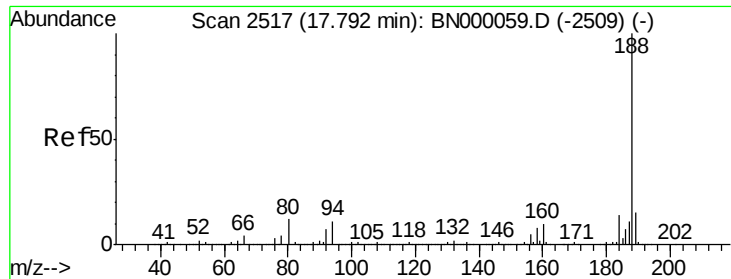
Tot Ion:138 Resp: 67669
Ion Ratio Lower Upper
138 100
92 54.5 40.1 80.1
108 84.1 65.4 105.4



#62
Azobenzene
Concen: 3.88 ng
RT: 16.38 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Tgt Ion: 77 Resp: 363572
Ion Ratio Lower Upper
77 100
182 22.1 7.4 47.4
105 22.2 0.3 40.3
51 25.0 11.6 51.6

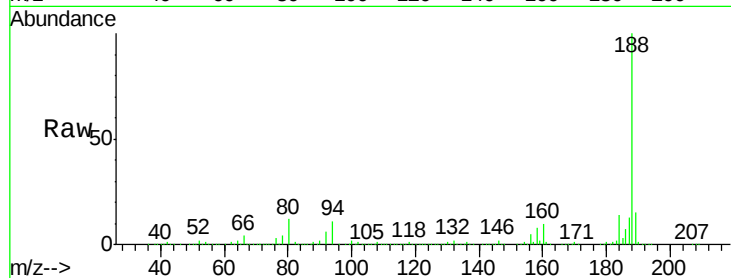




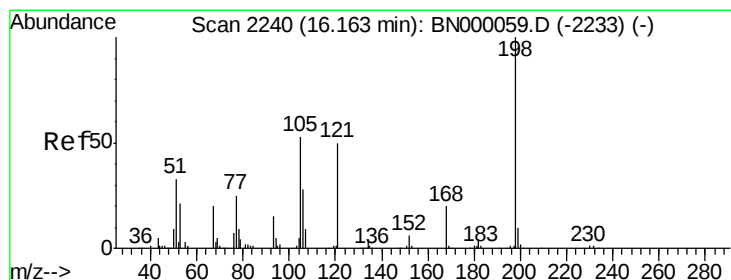
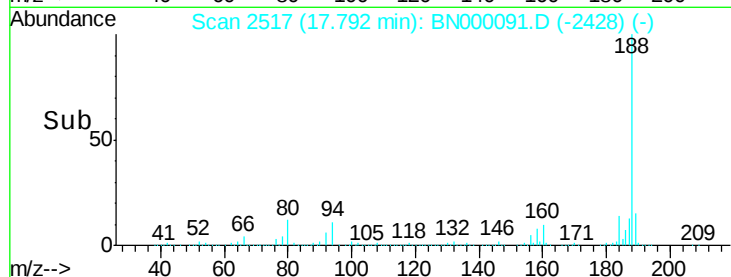
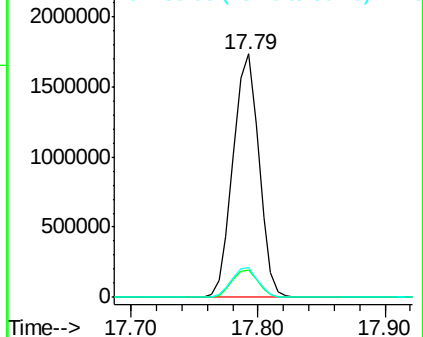
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.79 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion:188 Resp: 2446728
Ion Ratio Lower Upper
188 100
94 11.1 6.9 10.3#
80 12.1 7.7 11.5#

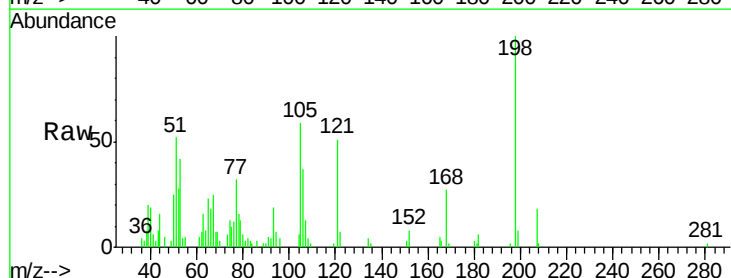


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

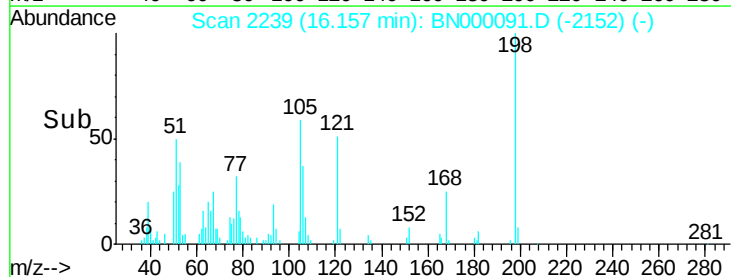
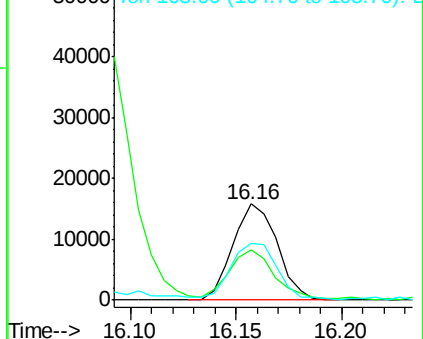


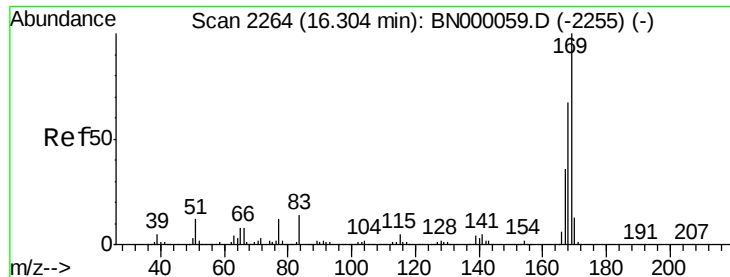
#64
4,6-Dinitro-2-methylphenol
Concen: 10.34 ng
RT: 16.16 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Tgt Ion:198 Resp: 23069
Ion Ratio Lower Upper
198 100
51 52.2 30.6 70.6
105 58.8 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

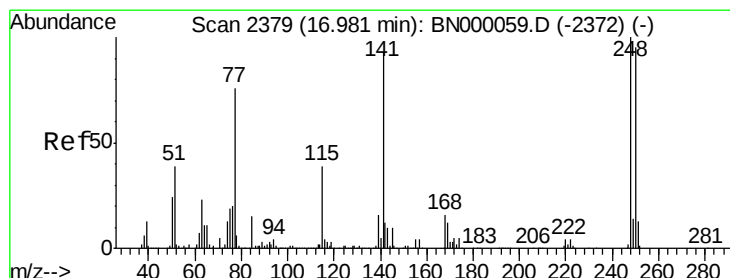
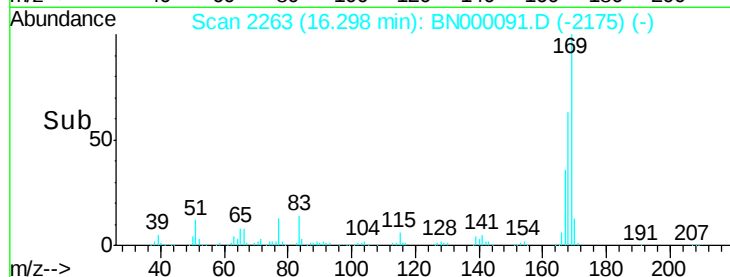
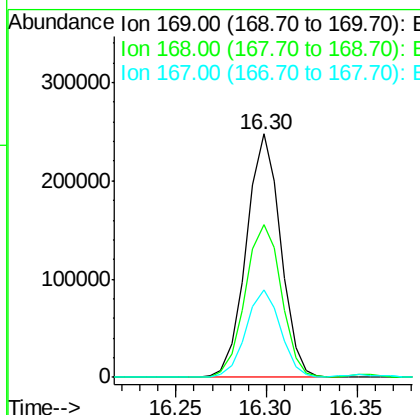
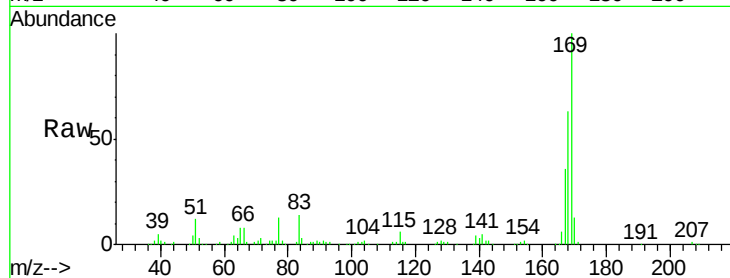




#65
n-Nitrosodiphenylamine
Concen: 4.10 ng
RT: 16.30 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

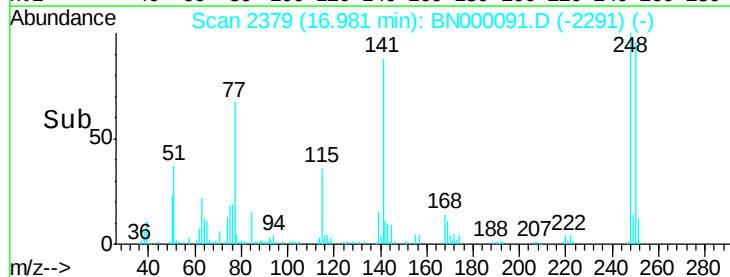
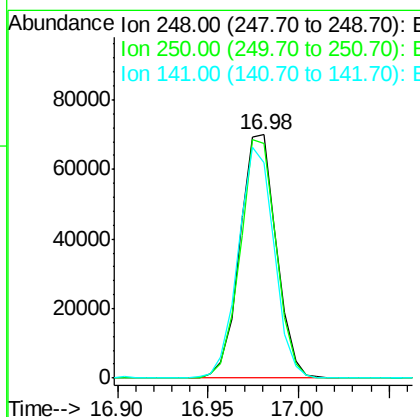
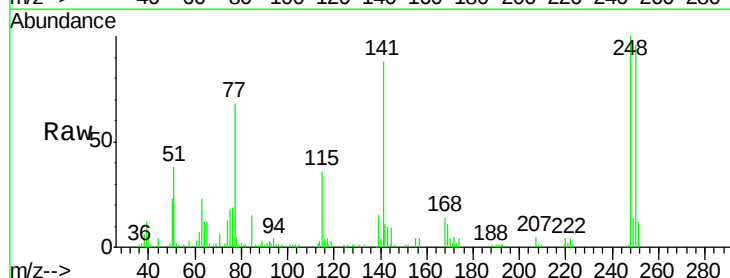
Instrument :
BNA_N
ClientSampleId :

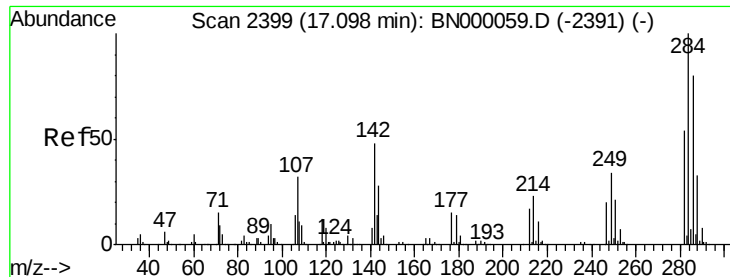
Tot Ion	Ratio	Lower	Upper
169	100		
168	62.6	55.7	83.5
167	36.2	30.1	45.1



#66
4-Bromophenyl-phenylether
Concen: 4.19 ng
RT: 16.98 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.1	115.7
141	88.4	50.8	76.2

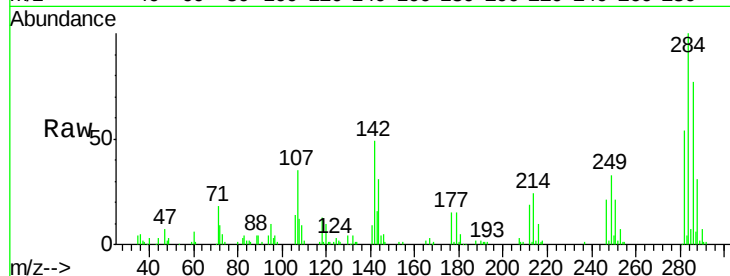




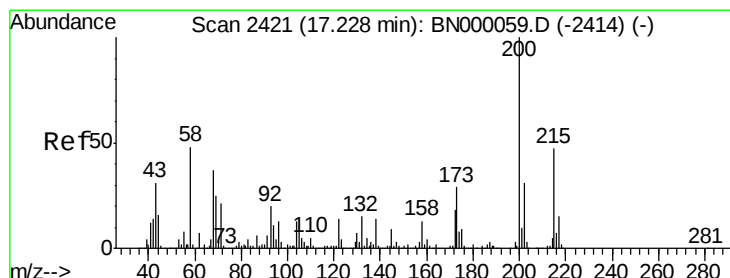
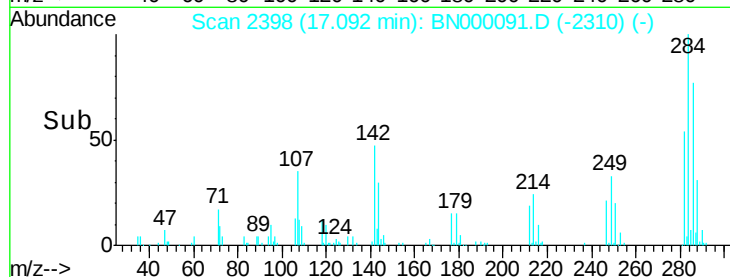
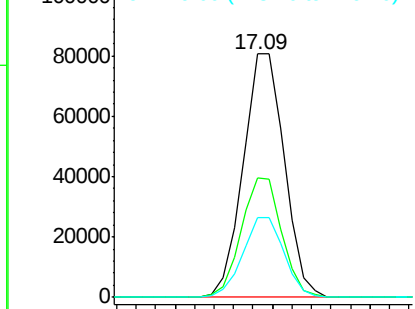
#67
Hexachlorobenzene
Concen: 4.34 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 117827
Ion Ratio Lower Upper
284 100
142 49.2 26.8 40.2#
249 32.7 26.3 39.5

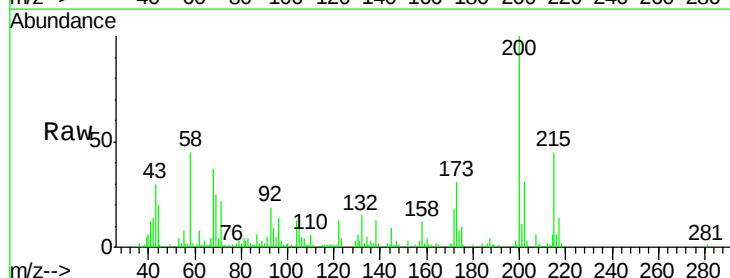


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

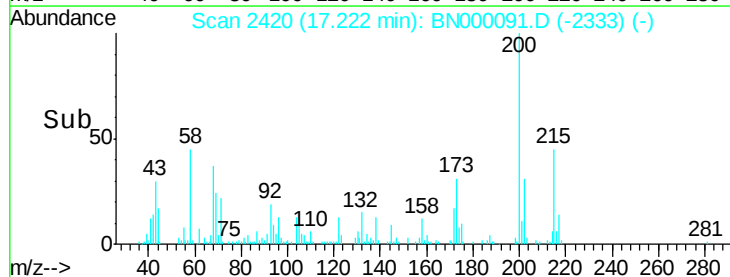
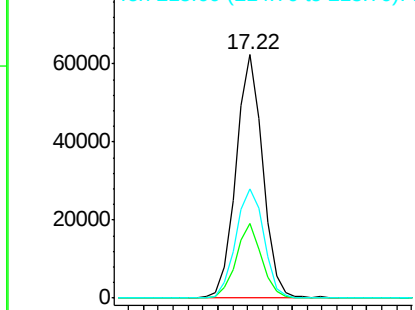


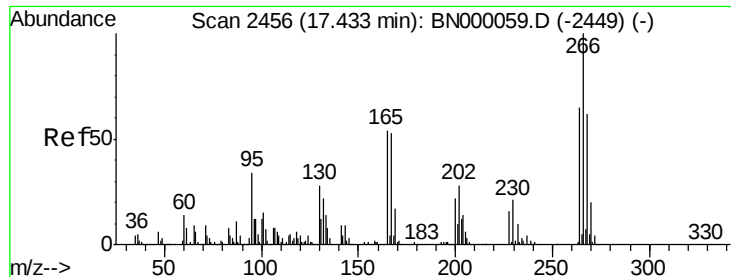
#68
Atrazine
Concen: 3.01 ng
RT: 17.22 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Tgt Ion:200 Resp: 77933
Ion Ratio Lower Upper
200 100
173 30.8 5.2 45.2
215 45.1 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

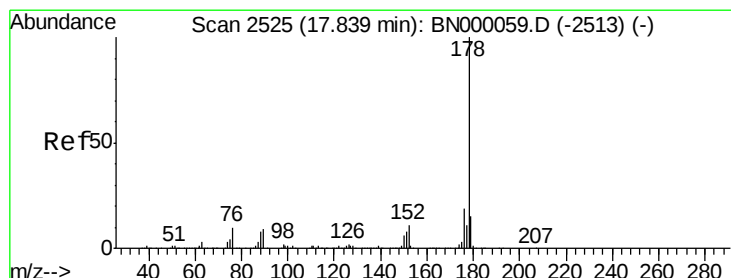
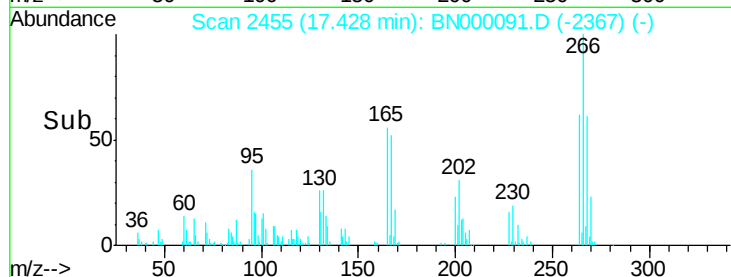
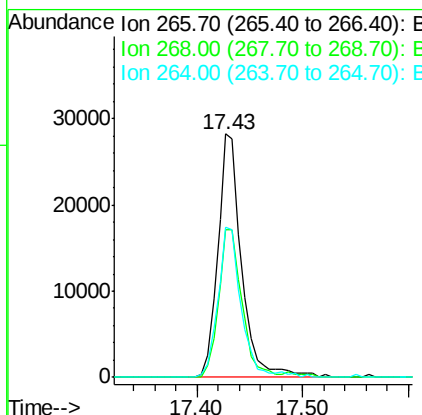
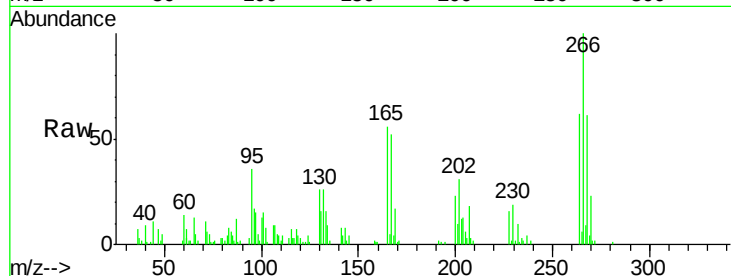




#69
 Pentachlorophenol
 Concen: 8.03 ng
 RT: 17.43 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BN000091.D
 Acq: 15 Feb 2018 11:49

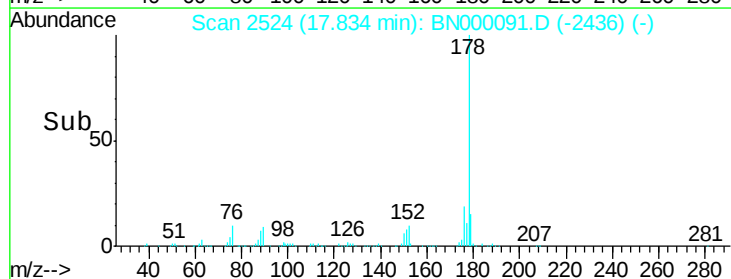
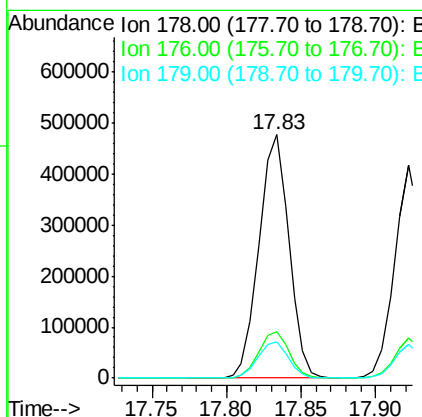
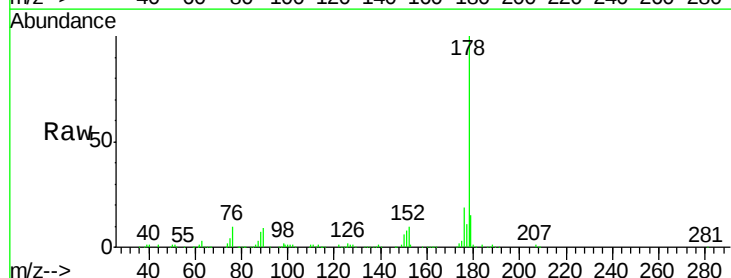
Instrument :
 BNA_N
 ClientSampleId :

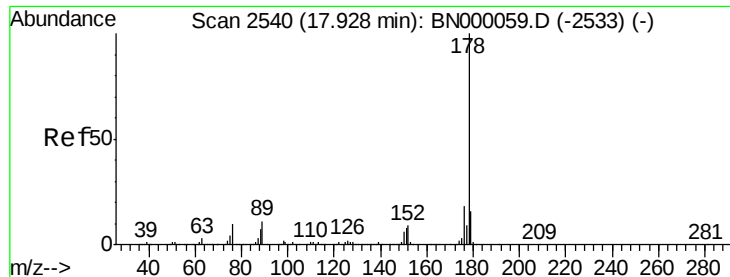
Tot Ion	Ratio	Lower	Upper
266	100		
268	60.5	51.1	76.7
264	61.9	49.6	74.4



#70
 Phenanthrene
 Concen: 4.58 ng
 RT: 17.83 min Scan# 2524
 Delta R.T. -0.01 min
 Lab File: BN000091.D
 Acq: 15 Feb 2018 11:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	14.8	12.5	18.7

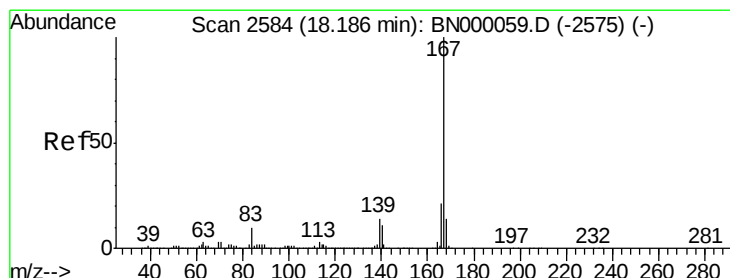
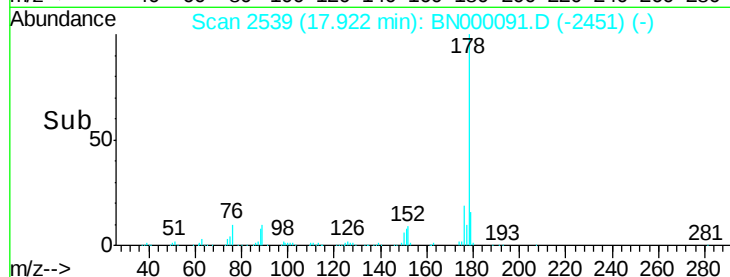
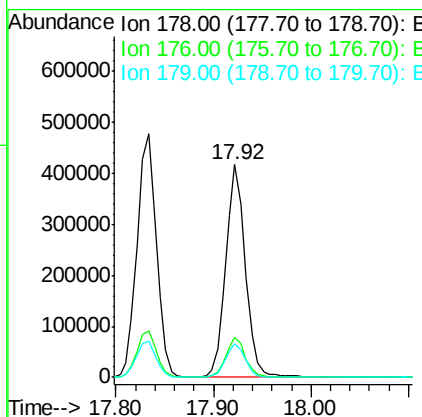
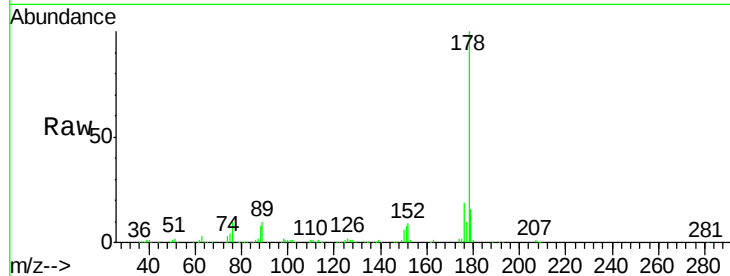




#71
 Anthracene
 Concen: 4.15 ng
 RT: 17.92 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BN000091.D
 Acq: 15 Feb 2018 11:49

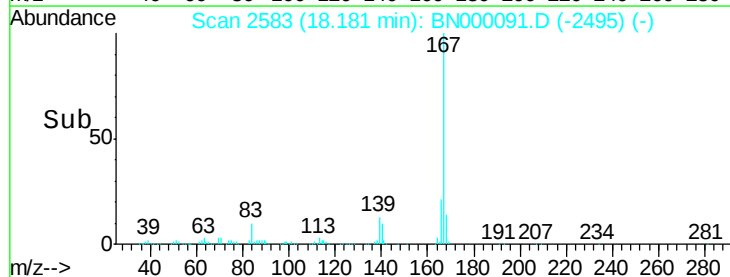
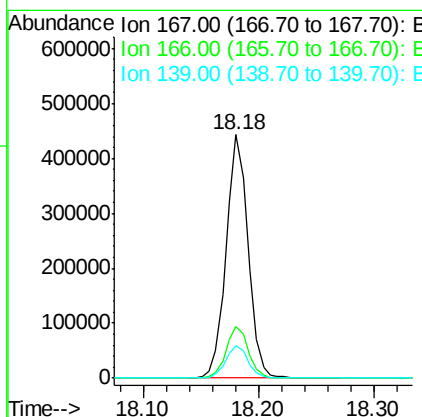
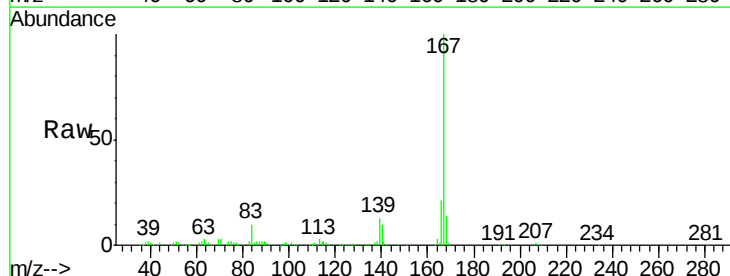
Instrument :
 BNA_N
 ClientSampleId :

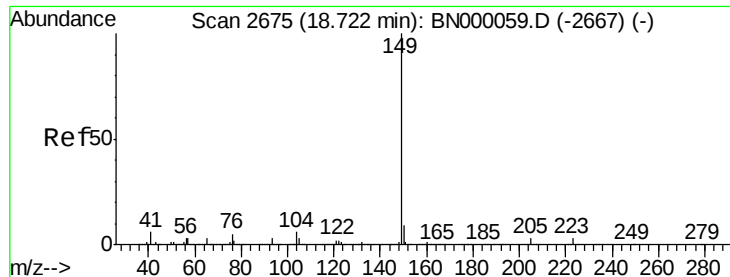
Tot Ion:178 Resp: 580218
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.0 24.0
 179 15.9 12.5 18.7



#72
 Carbazole
 Concen: 4.14 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BN000091.D
 Acq: 15 Feb 2018 11:49

Tgt Ion:167 Resp: 583115
 Ion Ratio Lower Upper
 167 100
 166 21.0 18.2 27.4
 139 13.4 9.4 14.2





#73

Di-n-butylphthalate

Concen: 3.07 ng

RT: 18.72 min Scan# 2674

Delta R.T. -0.01 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

Instrument :

BNA_N

ClientSampled :

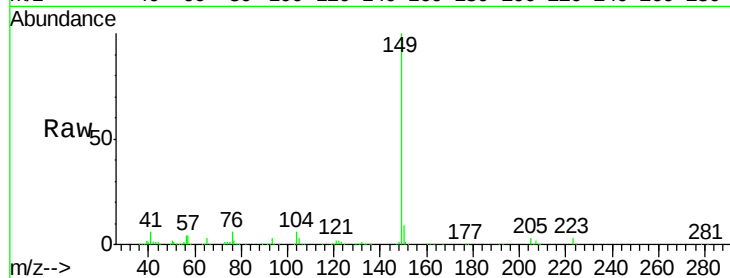
Tot Ion:149 Resp: 477309

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

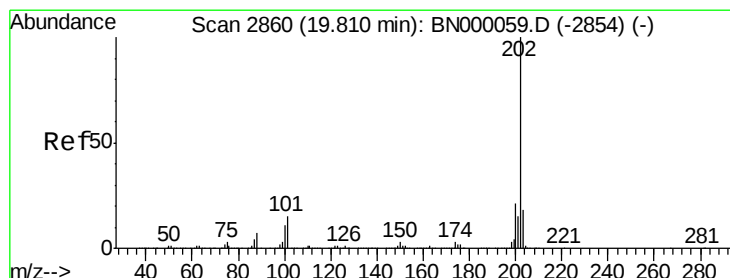
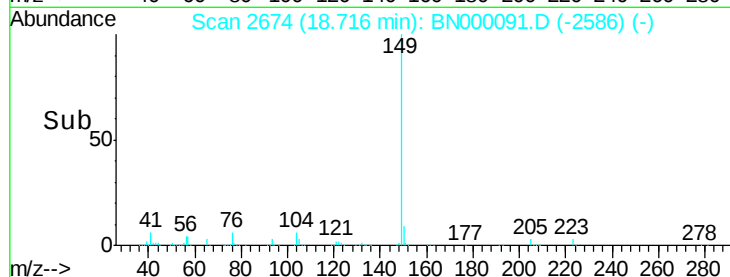
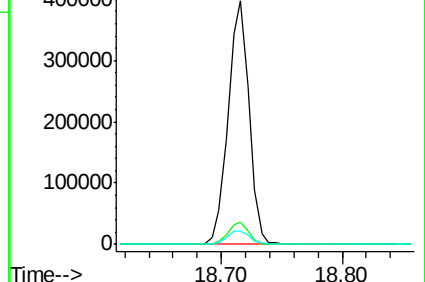
104 5.6 3.9 5.9



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: 4.23 ng

RT: 19.81 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

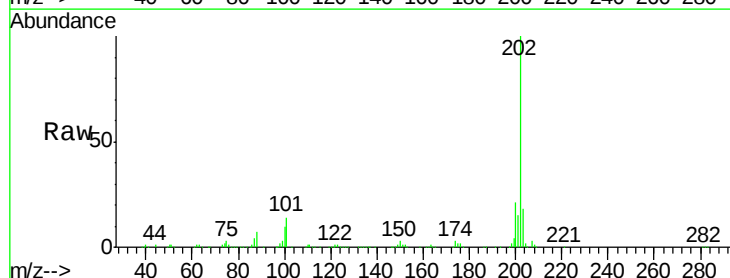
Tgt Ion:202 Resp: 640905

Ion Ratio Lower Upper

202 100

101 13.9 0.0 28.9

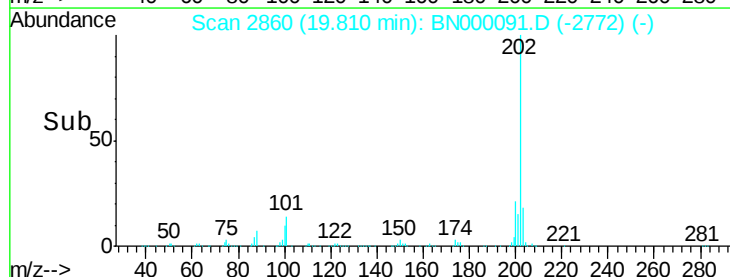
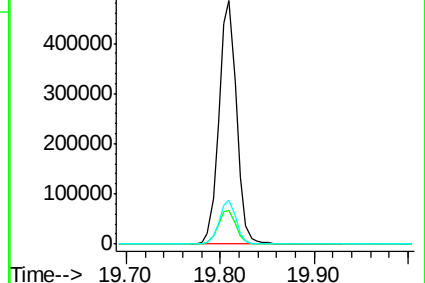
203 18.2 0.0 37.5

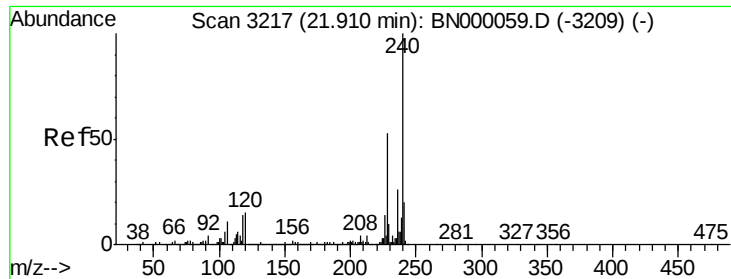


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3216

Delta R.T. -0.02 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

Instrument :

BNA_N

ClientSampleId :

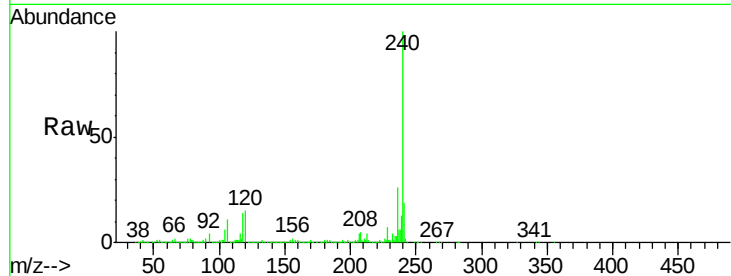
Tot Ion:240 Resp: 2665028

Ion Ratio Lower Upper

240 100

120 14.7 6.8 10.2#

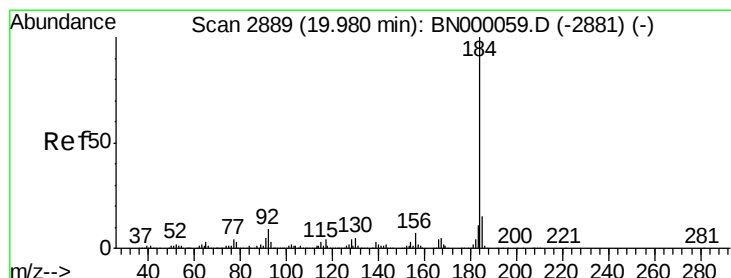
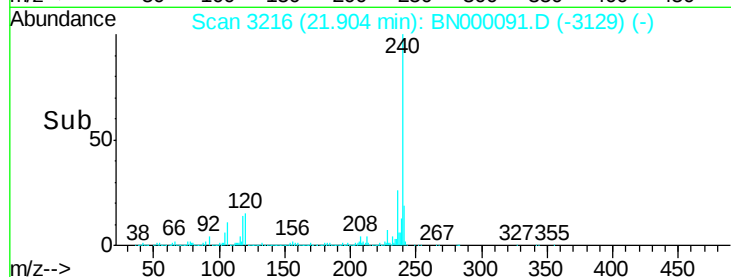
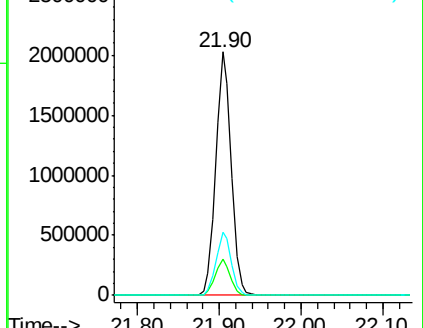
236 26.2 20.9 31.3



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: 1.60 ng

RT: 19.97 min Scan# 2888

Delta R.T. -0.01 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

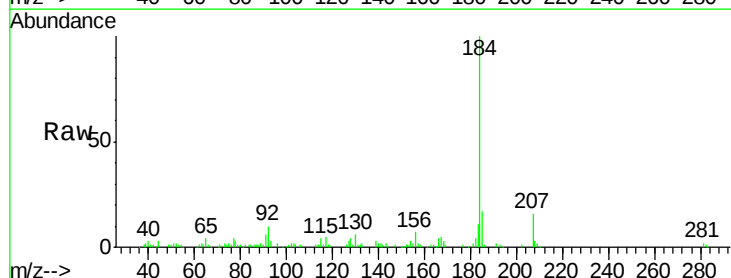
Tgt Ion:184 Resp: 136146

Ion Ratio Lower Upper

184 100

185 17.2 11.1 16.7#

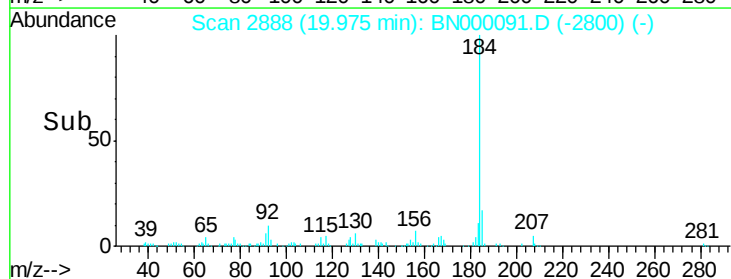
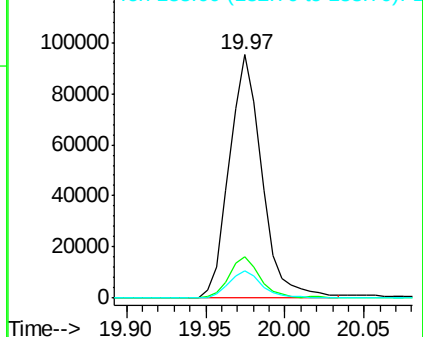
183 11.4 10.6 16.0

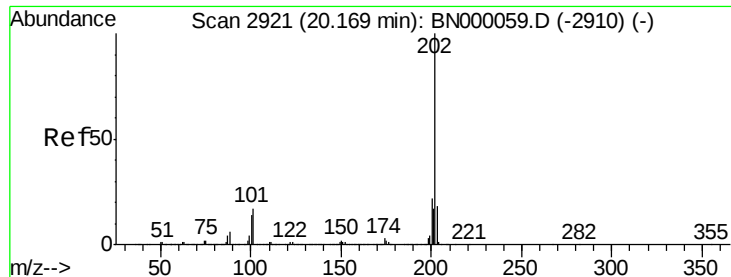


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

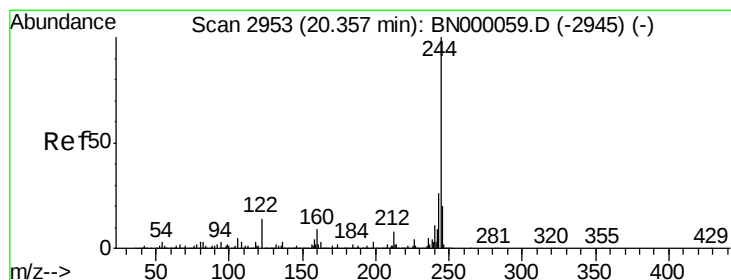
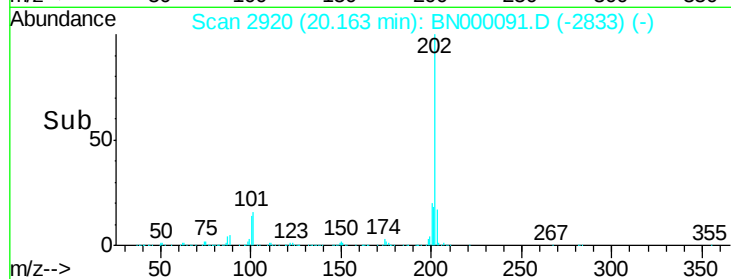
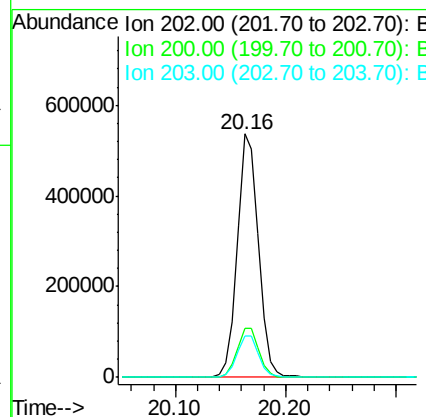
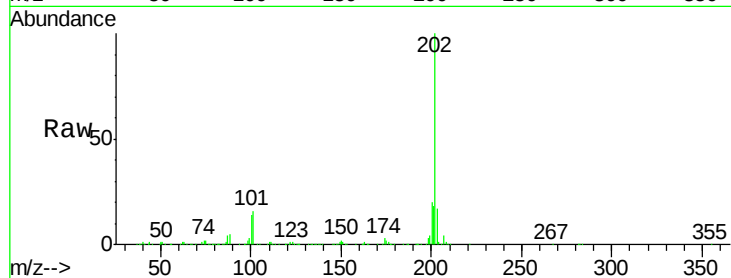




#77
Pvrene
Concen: 4.27 ng
RT: 20.16 min Scan# 2920
Delta R.T. -0.02 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

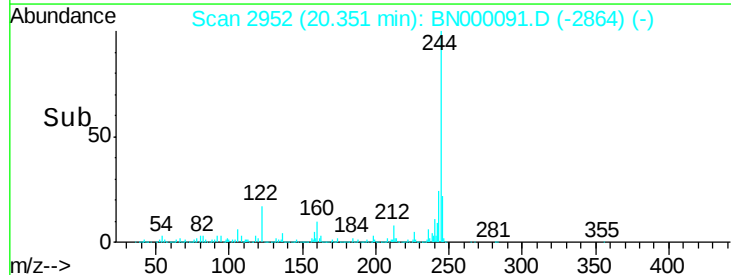
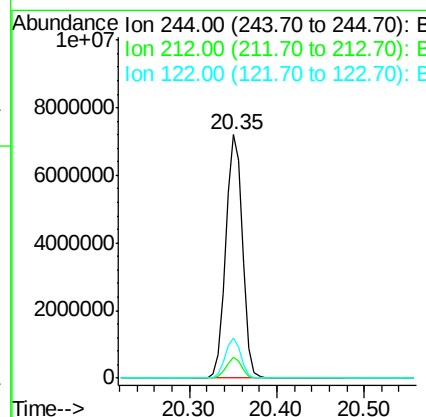
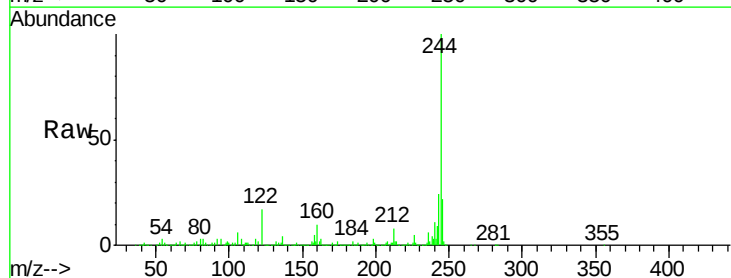
Instrument :
BNA_N
ClientSampleId :

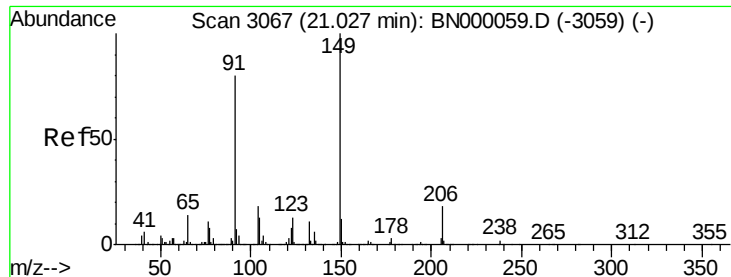
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.9	25.3
203	17.2	13.9	20.9



#78
Terphenyl-d14
Concen: 96.62 ng
RT: 20.35 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	16.7	7.0	10.4#

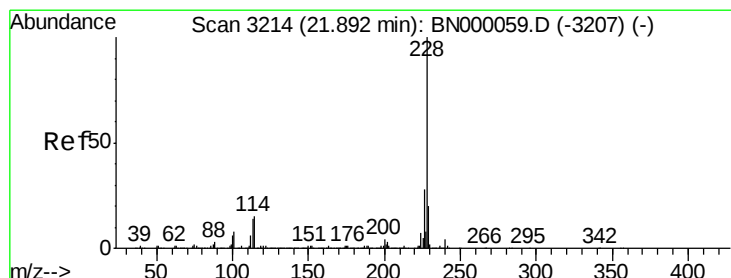
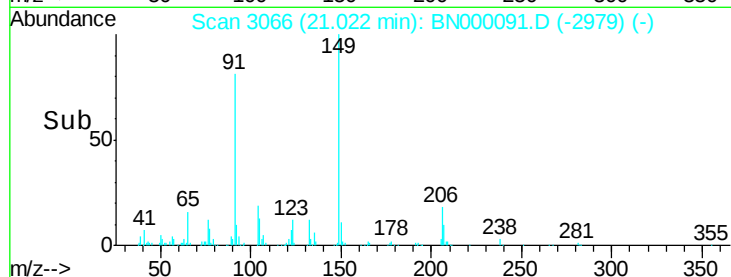
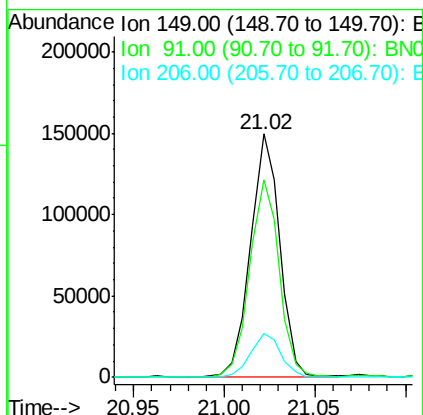
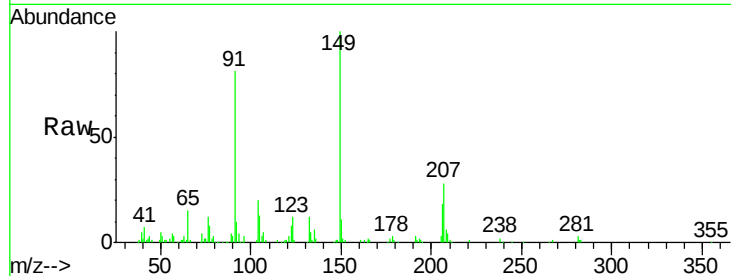




#79
Butylbenzylphthalate
Concen: 7.21 ng
RT: 21.02 min Scan# 3066
Delta R.T. -0.02 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

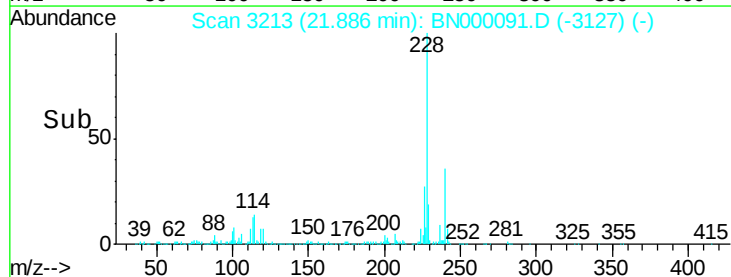
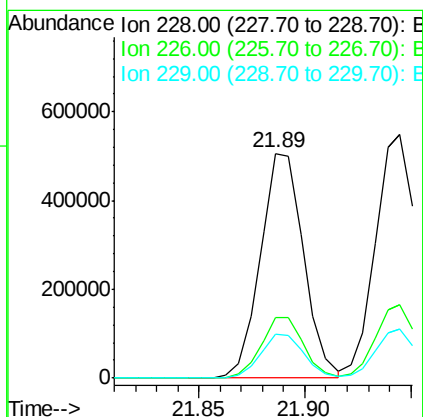
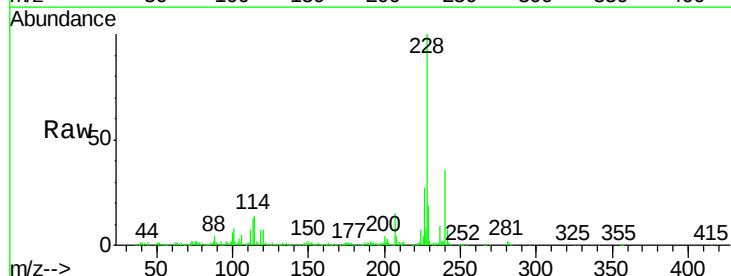
Instrument :
BNA_N
ClientSampleId :

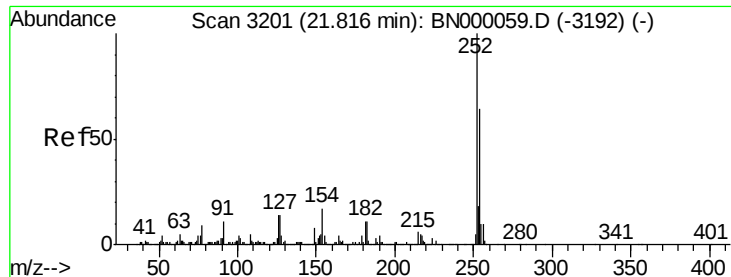
Tot Ion	Ratio	Lower	Upper
149	100		
91	81.1	62.2	93.2
206	18.2	18.6	27.8



#80
Benzo(a)anthracene
Concen: 4.40 ng
RT: 21.89 min Scan# 3213
Delta R.T. -0.02 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.7	34.1
229	19.5	16.2	24.2





#81

3,3'-Dichlorobenzidine

Concen: 3.01 ng

RT: 21.81 min Scan# 3200

Delta R.T. -0.02 min

Lab File: BN000091.D

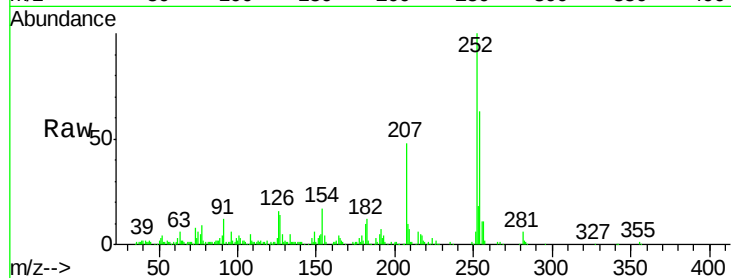
Acq: 15 Feb 2018 11:49

Instrument :

BNA_N

ClientSampleId :

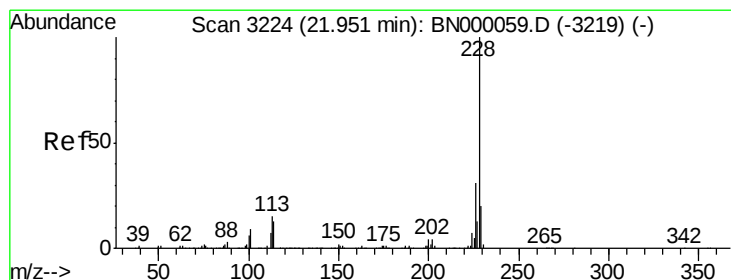
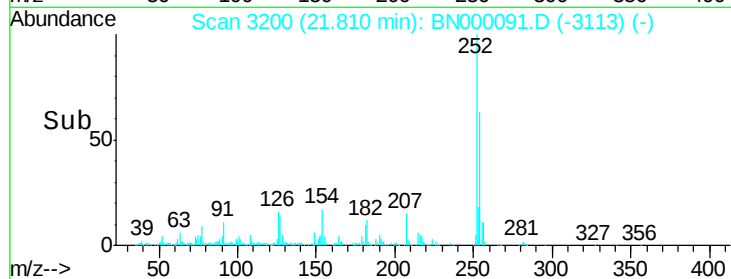
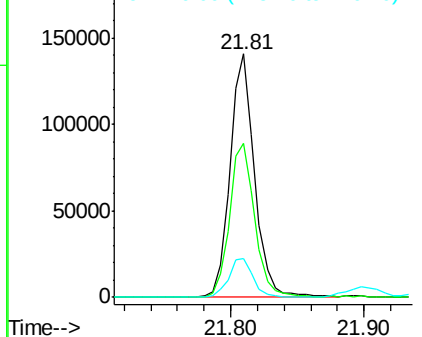
Tot Ion:	252	Resp:	181325
Ion Ratio	Lower	Upper	
252	100		
254	63.3	50.8	76.2
126	15.8	7.4	11.2#



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: 4.64 ng

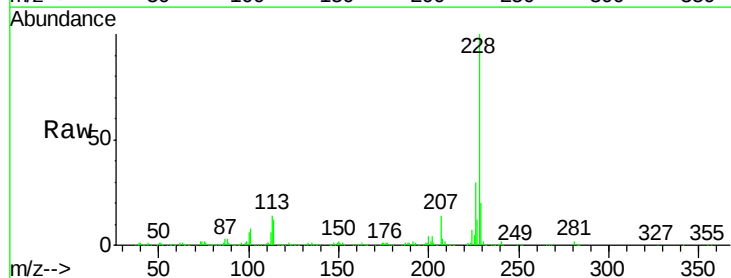
RT: 21.95 min Scan# 3223

Delta R.T. -0.02 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

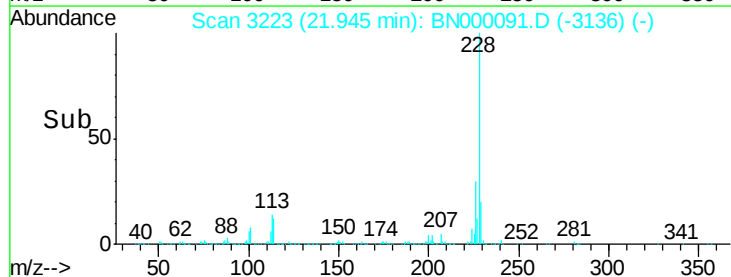
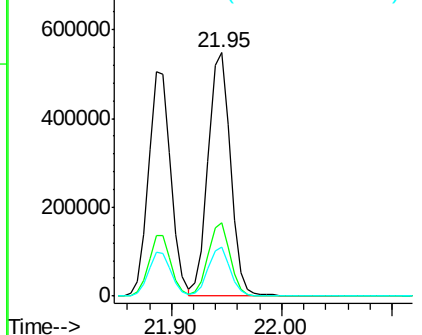
Tgt Ion:	228	Resp:	756974
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.9	37.3
229	20.0	15.0	22.4

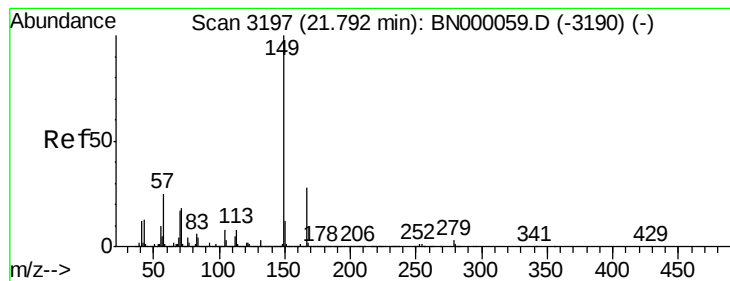


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.03 ng

RT: 21.79 min Scan# 3196

Delta R.T. -0.02 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

Instrument :

BNA_N

ClientSampleId :

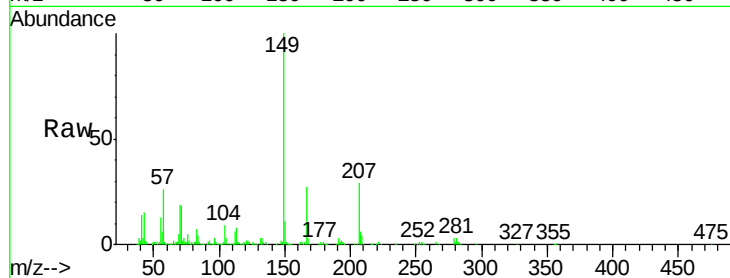
Tot Ion:149 Resp: 270053

Ion Ratio Lower Upper

149 100

167 26.8 24.3 36.5

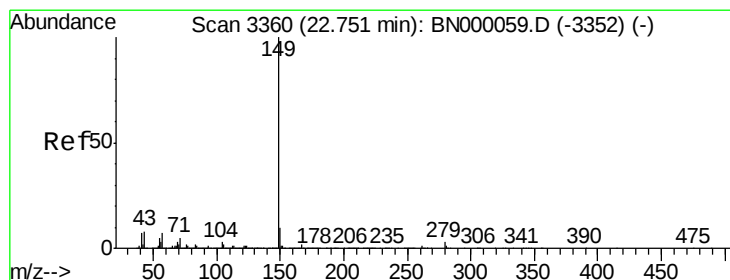
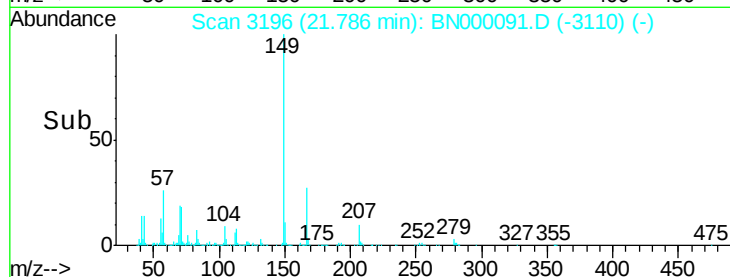
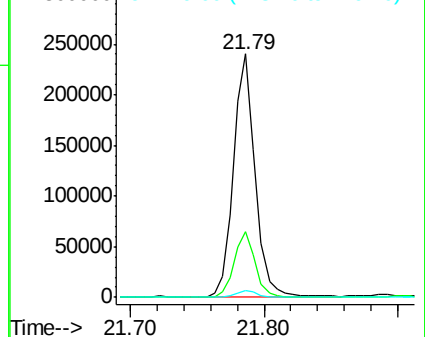
279 2.8 4.0 6.0#



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: 8.15 ng

RT: 22.74 min Scan# 3358

Delta R.T. -0.03 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

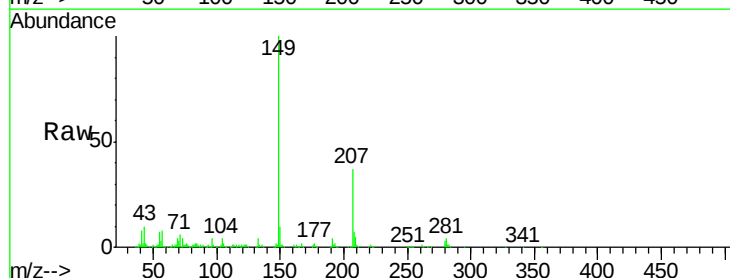
Tgt Ion:149 Resp: 375256

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

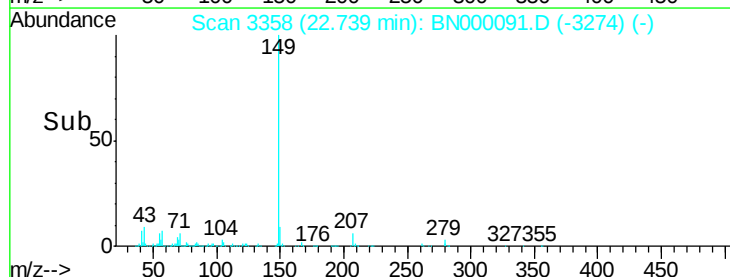
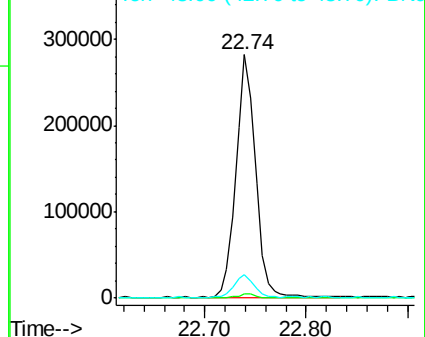
43 9.9 8.9 13.3

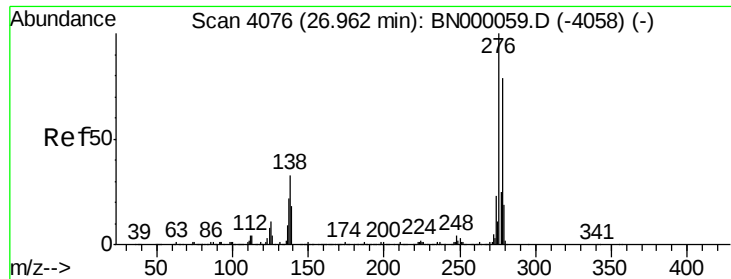


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC

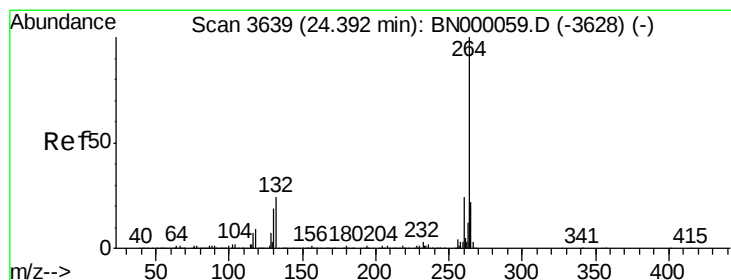
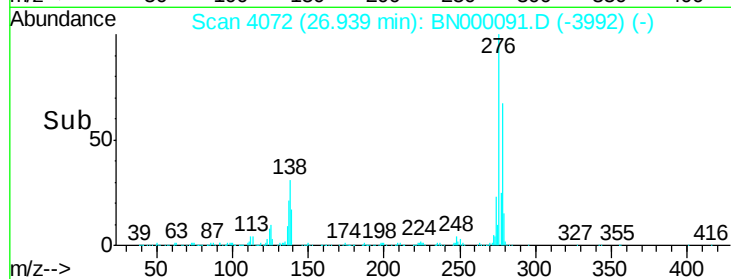
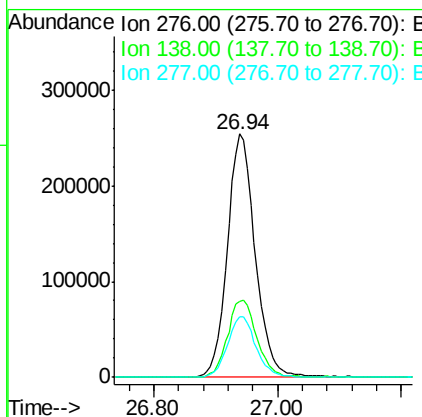
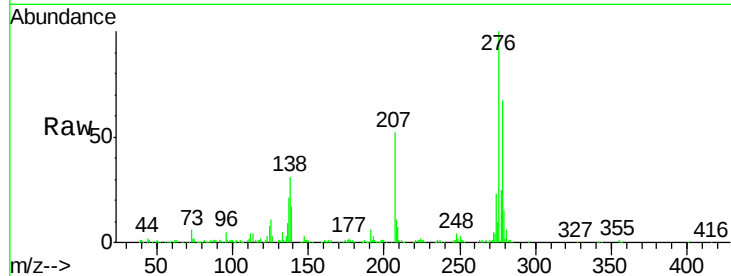




#85
Indeno(1,2,3-cd)pyrene
Concen: 3.98 ng
RT: 26.94 min Scan# 4072
Delta R.T. -0.06 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

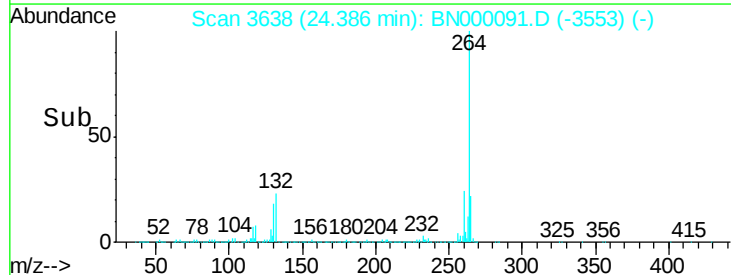
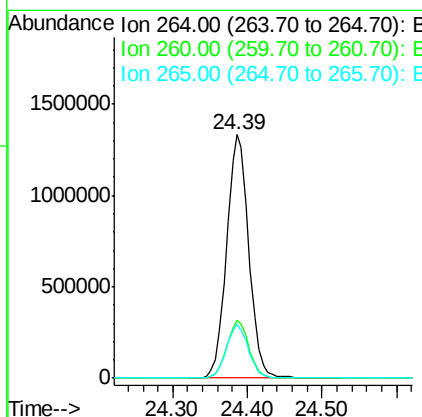
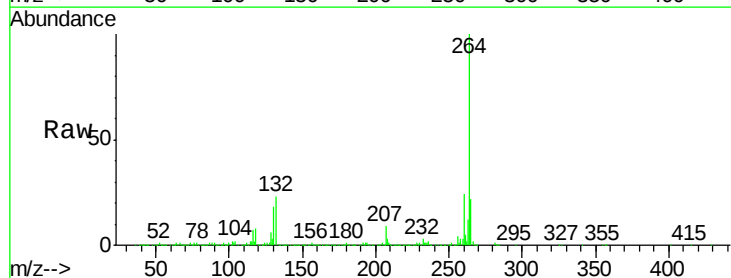
Instrument :
BNA_N
ClientSampleId :

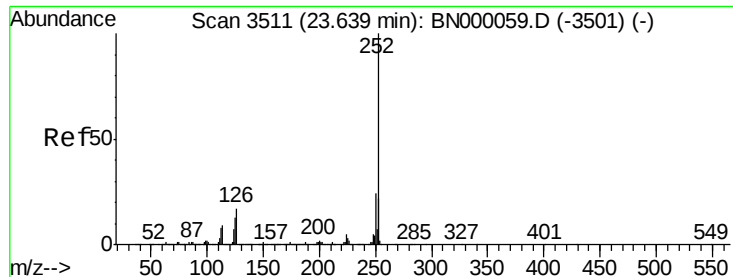
Tot Ion:276 Resp: 797574
Ion Ratio Lower Upper
276 100
138 33.4 16.0 24.0#
277 25.5 20.0 30.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.39 min Scan# 3638
Delta R.T. -0.03 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Tgt Ion:264 Resp: 2760380
Ion Ratio Lower Upper
264 100
260 23.6 17.4 26.0
265 22.0 17.7 26.5

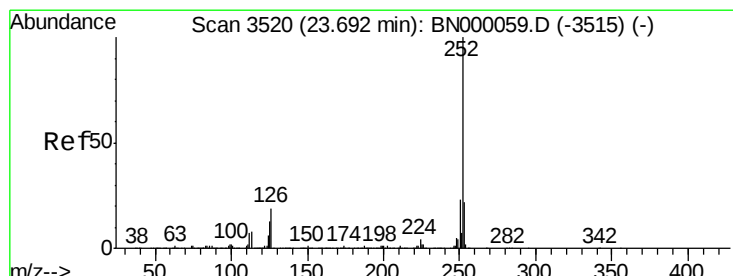
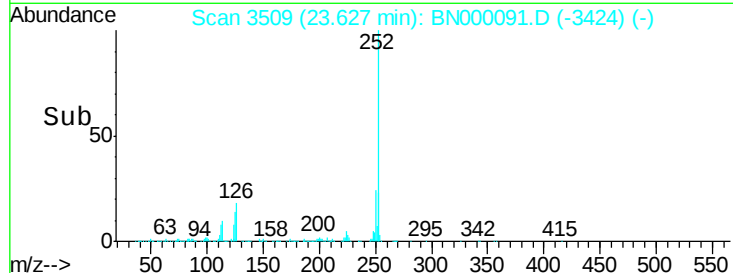
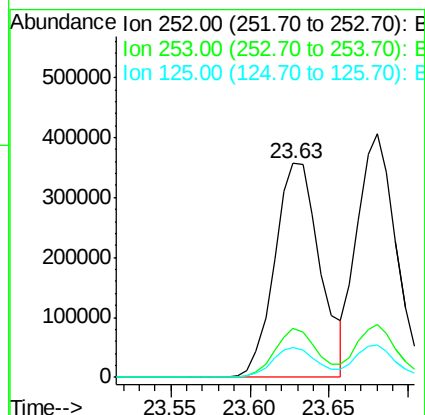
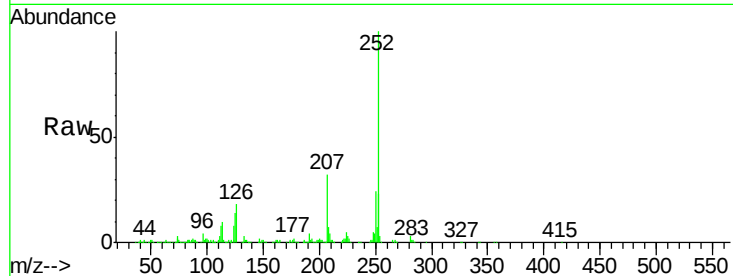




#87
Benzo(b)fluoranthene
Concen: 4.42 ng
RT: 23.63 min Scan# 3509
Delta R.T. -0.03 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

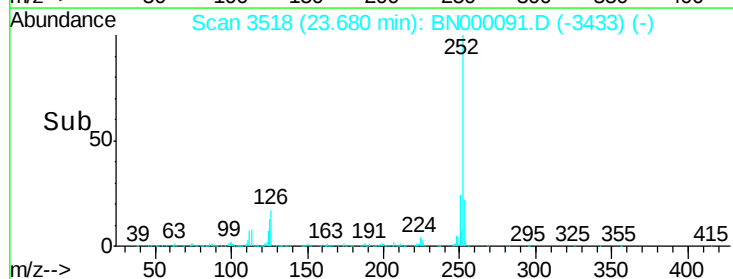
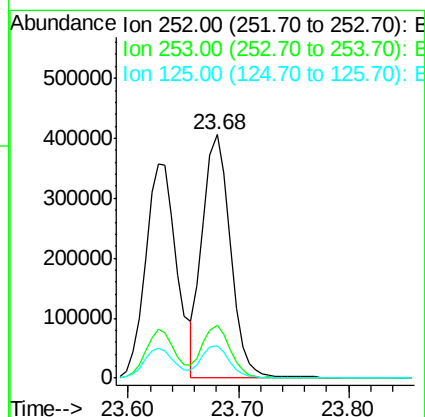
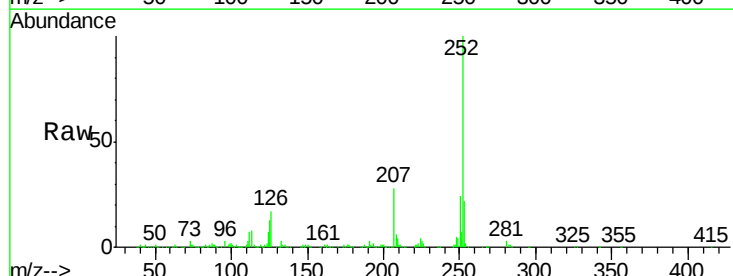
Instrument :
BNA_N
ClientSampled :

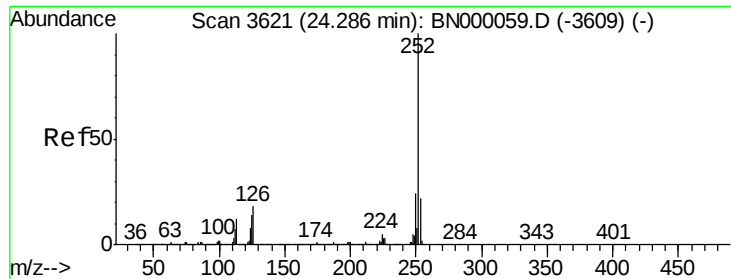
Tot Ion:252 Resp: 713377
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 14.0 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 4.32 ng
RT: 23.68 min Scan# 3518
Delta R.T. -0.03 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Tgt Ion:252 Resp: 702319
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 13.2 6.6 9.8#

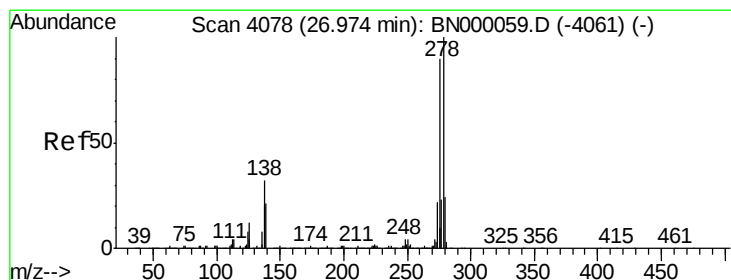
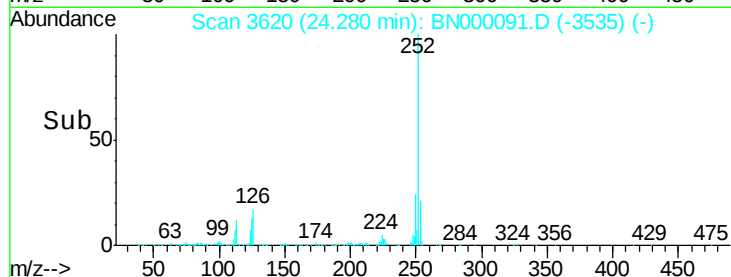
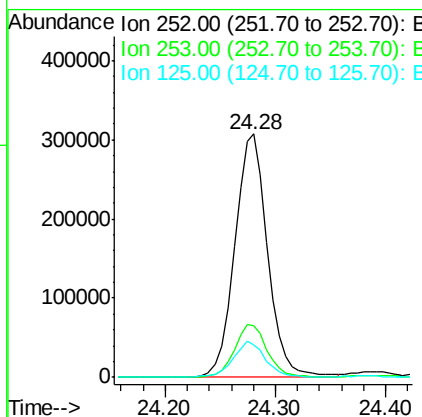
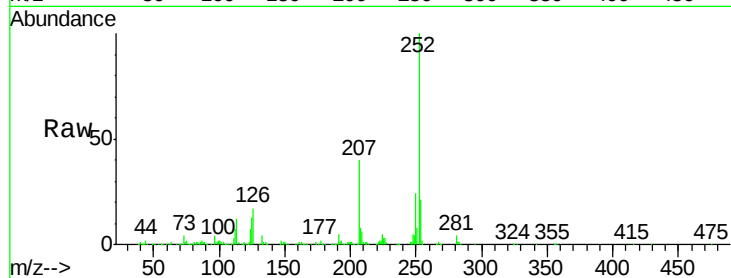




#89
Benzo(a)pyrene
Concen: 4.13 ng
RT: 24.28 min Scan# 3620
Delta R.T. -0.03 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

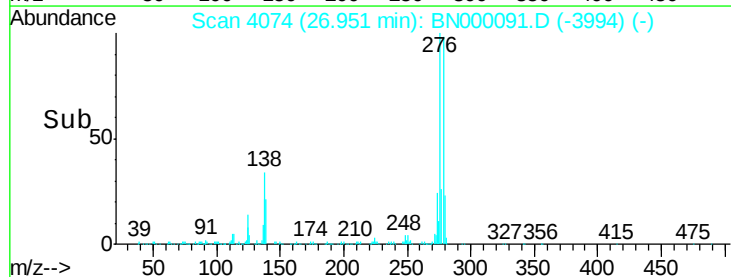
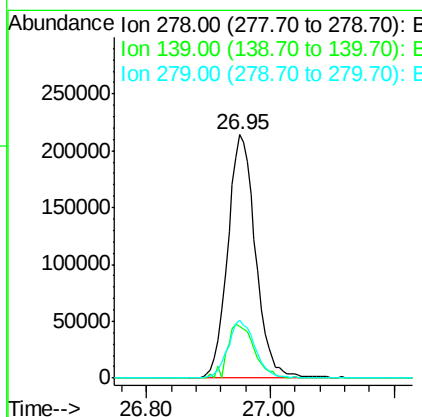
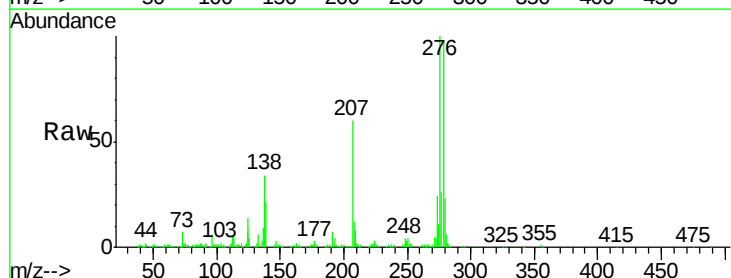
Instrument :
BNA_N
ClientSampleId :

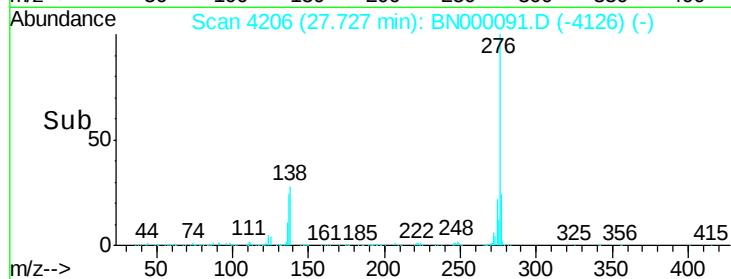
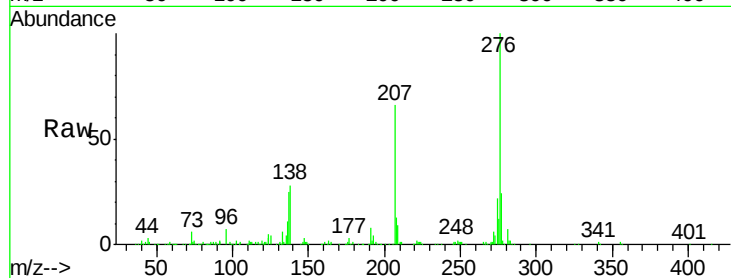
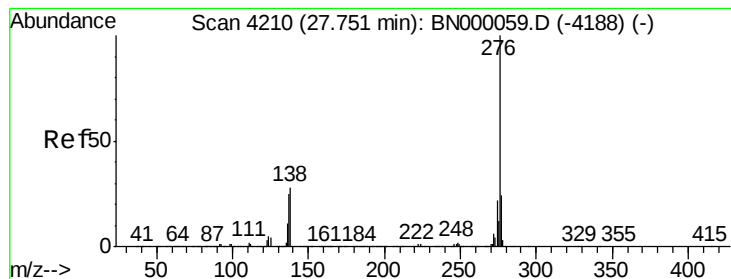
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.3	27.5
125	13.5	7.3	10.9#



#90
Dibenzo(a,h)anthracene
Concen: 4.12 ng
RT: 26.95 min Scan# 4074
Delta R.T. -0.06 min
Lab File: BN000091.D
Acq: 15 Feb 2018 11:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	9.8	14.6#
279	23.8	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 4.03 ng

RT: 27.73 min Scan# 4206

Delta R.T. -0.06 min

Lab File: BN000091.D

Acq: 15 Feb 2018 11:49

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 659962

Ion Ratio Lower Upper

276 100

277 24.5 18.3 27.5

138 28.3 13.9 20.9#

