

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
 Data File : BN000093.D
 Acq On : 15 Feb 2018 12:58
 Operator : JU/SJ
 Sample : J1161-03
 Misc : 1 PPM LOD
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 16 03:50:42 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	281583	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	1404742	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	854768	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	1974549	20.00	ng	0.00
75) Chrysene-d12	21.90	240	2223634	20.00	ng	-0.02
86) Perylene-d12	24.39	264	2394566	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.93	112	2331519	134.95	ng	-0.01
7) Phenol-d6	7.58	99	3352083	128.08	ng	-0.01
23) Nitrobenzene-d5	9.64	82	2255064	95.45	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1091645	129.02	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	6011898	99.13	ng	-0.01
78) Terphenyl-d14	20.35	244	8071330	98.01	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.66	88	6846	0.98	ng	# 82
3) Pyridine	4.00	79	143	0.01	ng	# 1
4) n-Nitrosodimethylamine	4.02	42	4220	0.69	ng	# 69
6) Aniline	7.77	93	28846	0.80	ng	# 89
8) 2-Chlorophenol	8.01	128	20004	0.99	ng	# 97
9) Benzaldehyde	7.58	77	15060	0.92	ng	# 69
10) Phenol	7.61	94	26590	0.96	ng	# 88
11) bis(2-Chloroethyl)ether	7.86	93	22641	1.00	ng	# 78
12) 1,3-Dichlorobenzene	8.35	146	22061	0.96	ng	# 86
13) 1,4-Dichlorobenzene	8.50	146	23185	0.99	ng	# 95
14) 1,2-Dichlorobenzene	8.82	146	24084	1.04	ng	# 87
15) Benzyl Alcohol	8.69	79	14398	0.77	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.99	45	22893	0.95	ng	# 68
17) 2-Methylphenol	8.89	107	14412	0.73	ng	# 98
18) Hexachloroethane	9.57	117	7396	0.91	ng	# 65
19) n-Nitroso-di-n-propylamine	9.26	70	11573	0.66	ng	# 90
20) 3+4-Methylphenols	9.21	107	17563	0.64	ng	# 96
22) Acetophenone	9.29	105	29813	0.76	ng	# 87
24) Nitrobenzene	9.68	77	26351	1.02	ng	# 95
25) Isophorone	10.20	82	34327	0.70	ng	# 95
26) 2-Nitrophenol	10.40	139	4806	7.58	ng	# 89
27) 2,4-Dimethylphenol	10.44	122	12934	0.61	ng	# 94
28) bis(2-Chloroethoxy)methane	10.68	93	25427	0.81	ng	# 99
29) 2,4-Dichlorophenol	10.93	162	9813	0.50	ng	# 92
30) 1,2,4-Trichlorobenzene	11.16	180	21514	0.95	ng	# 96
31) Naphthalene	11.35	128	75702	0.98	ng	# 97
32) Benzoic acid	10.44	122	12934	11.18	ng	# 7
33) 4-Chloroaniline	11.45	127	23086	0.68	ng	# 98
34) Hexachlorobutadiene	11.63	225	10694	0.91	ng	# 73
35) Caprolactam	12.17	113	3274	4.37	ng	# 85
36) 4-Chloro-3-methylphenol	12.53	107	12829	0.52	ng	# 98
37) 2-Methylnaphthalene	12.93	142	46864	0.87	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	23090	0.92	ng	# 93
40) Hexachlorocyclopentadiene	13.26	237	6995	0.67	ng	# 84

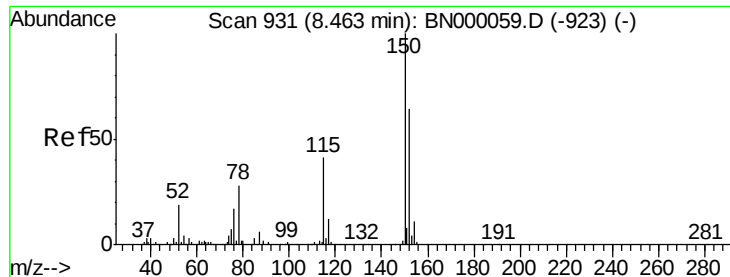
Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	6684	0.44	nq	97
43) 2,4,5-Trichlorophenol	13.58	196	8135	0.45	nq	88
45) 1,1'-Biphenyl	13.91	154	82838	1.10	nq	98
46) 2-Chloronaphthalene	13.96	162	53192	0.94	nq	97
47) 2-Nitroaniline	14.15	65	6673	5.24	nq	92
48) Acenaphthylene	14.80	152	61139	0.67	nq	97
49) Dimethylphthalate	14.50	163	53015	0.74	nq	# 96
50) 2,6-Dinitrotoluene	14.63	165	5263	0.36	nq	94
51) Acenaphthene	15.13	154	54866	0.93	nq	95
52) 3-Nitroaniline	14.96	138	6576	0.37	nq	92
53) 2,4-Dinitrophenol	15.16	184	1402	9.46	nq	# 60
54) Dibenzofuran	15.46	168	80782	0.96	nq	93
55) 4-Nitrophenol	15.23	139	3842	5.22	nq	86
56) 2,4-Dinitrotoluene	15.40	165	6371	4.46	nq	# 75
57) Fluorene	16.10	166	58264	0.85	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.67	232	6496	0.45	nq	# 87
59) Diethylphthalate	15.85	149	47679	0.66	nq	96
60) 4-Chlorophenyl-phenylether	16.09	204	29172	0.93	nq	# 85
61) 4-Nitroaniline	16.11	138	7463	0.41	nq	# 82
62) Azobenzene	16.38	77	41869	0.58	nq	90
64) 4,6-Dinitro-2-methylphenol	16.16	198	2443	8.92	nq	# 71
65) n-Nitrosodiphenylamine	16.30	169	42368	0.66	nq	95
66) 4-Bromophenyl-phenylether	16.97	248	16001	0.85	nq	# 87
67) Hexachlorobenzene	17.10	284	18791	0.86	nq	# 91
68) Atrazine	17.22	200	10314	0.49	nq	86
69) Pentachlorophenol	17.43	266	5402	6.16	nq	# 84
70) Phenanthrene	17.83	178	112210	0.96	nq	98
71) Anthracene	17.92	178	84161	0.75	nq	96
72) Carbazole	18.18	167	76925	0.68	nq	99
73) Di-n-butylphthalate	18.71	149	56223	0.45	nq	# 98
74) Fluoranthene	19.81	202	95130	0.78	nq	97
76) Benzidine	19.97	184	18171	0.26	nq	96
77) Pyrene	20.17	202	104702	0.74	nq	100
79) Butylbenzylphthalate	21.02	149	22869	5.68	nq	# 88
80) Benzo(a)anthracene	21.89	228	112453	0.82	nq	100
81) 3,3'-Dichlorobenzidine	21.81	252	19239	0.38	nq	# 94
82) Chrysene	21.95	228	132281	0.97	nq	98
83) Bis(2-ethylhexyl)phthalate	21.78	149	30181	3.19	nq	# 92
84) Di-n-octyl phthalate	22.74	149	45011	6.93	nq	# 98
85) Indeno(1,2,3-cd)pyrene	26.93	276	128048	0.77	nq	# 87
87) Benzo(b)fluoranthene	23.63	252	117579	0.84	nq	# 97
88) Benzo(k)fluoranthene	23.68	252	107352	0.76	nq	# 93
89) Benzo(a)pyrene	24.27	252	99583	0.74	nq	# 93
90) Dibenzo(a,h)anthracene	26.96	278	107454	0.76	nq	# 92
91) Benzo(g,h,i)perylene	27.72	276	109391	0.77	nq	# 85

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.46 min Scan# 931

Delta R.T. -0.01 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

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BNA_N

ClientSampleId :

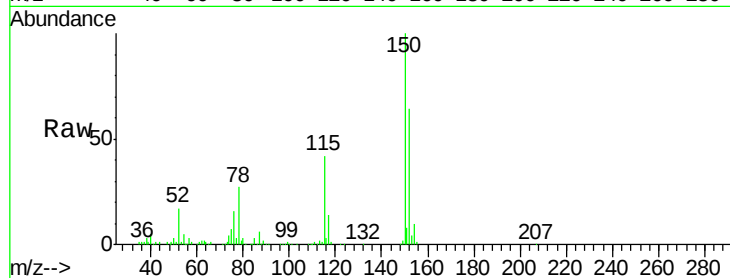
Tot Ion:152 Resp: 281583

Ion Ratio Lower Upper

152 100

150 156.5 126.6 189.8

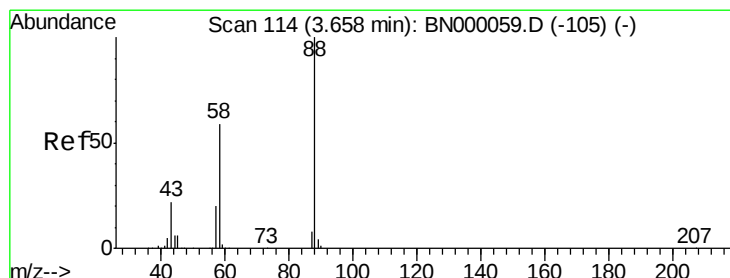
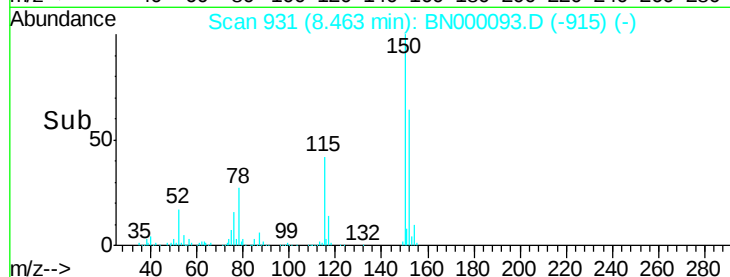
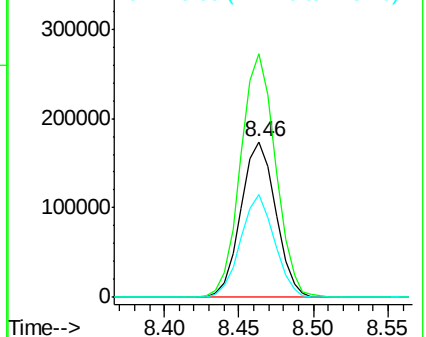
115 66.0 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.98 ng

RT: 3.66 min Scan# 114

Delta R.T. 0.00 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

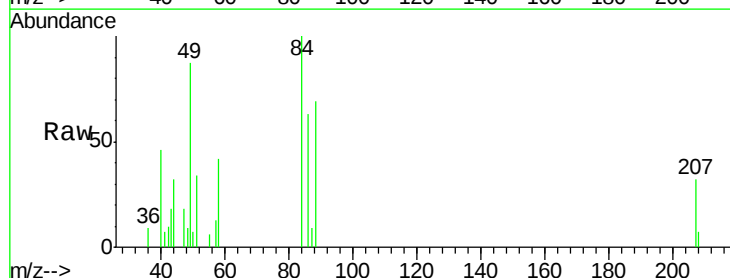
Tgt Ion: 88 Resp: 6846

Ion Ratio Lower Upper

88 100

58 61.1 52.0 78.0

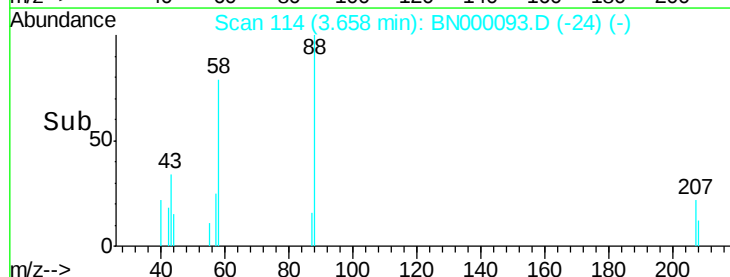
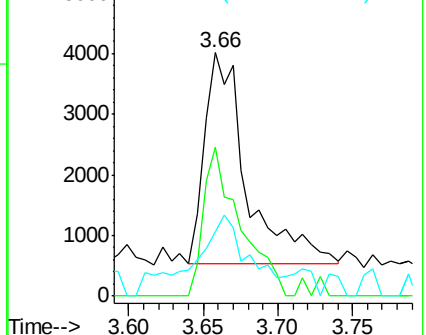
43 51.7 20.0 30.0#

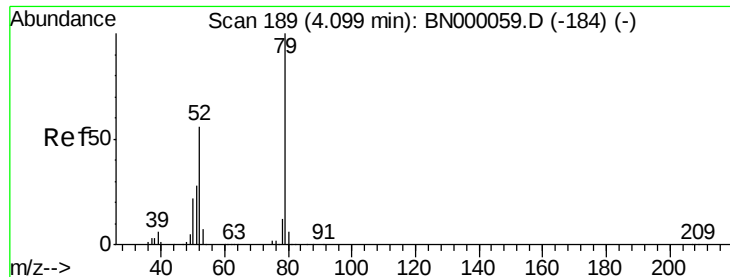


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC

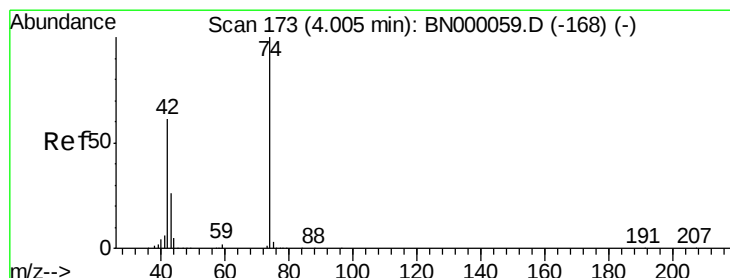
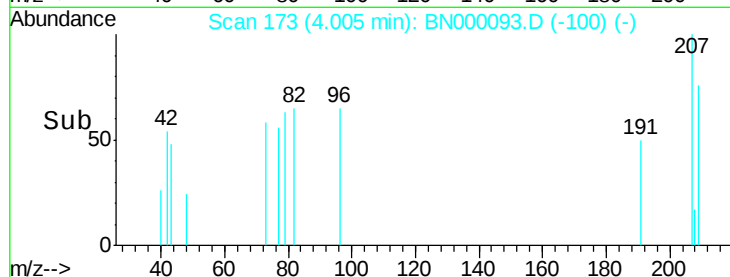
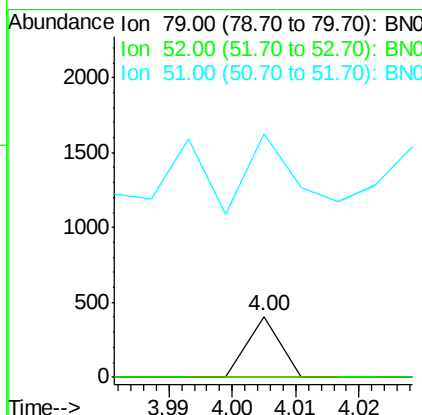
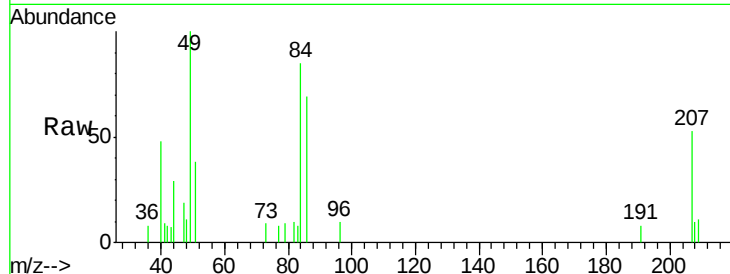




#3
 Pvridine
 Concen: 0.01 ng
 RT: 4.00 min Scan# 173
 Delta R.T. -0.10 min
 Lab File: BN000093.D
 Acq: 15 Feb 2018 12:58

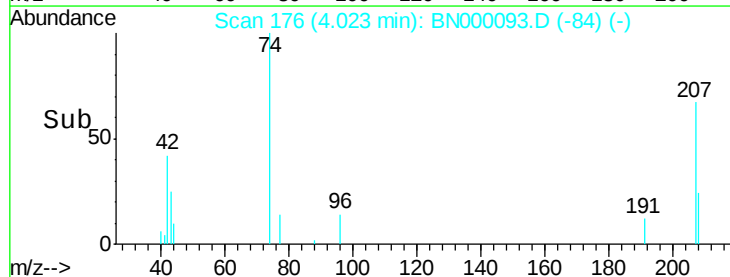
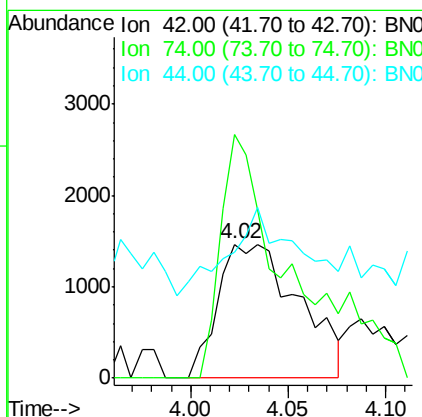
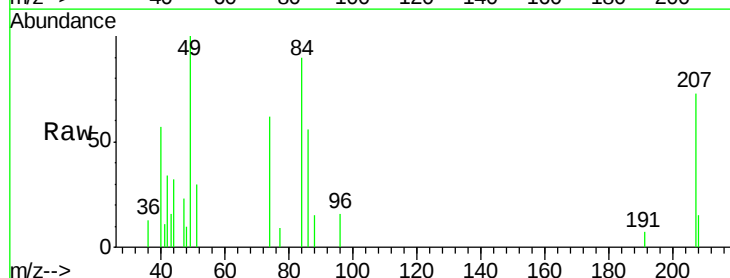
Instrument :
 BNA_N
 ClientSampled :

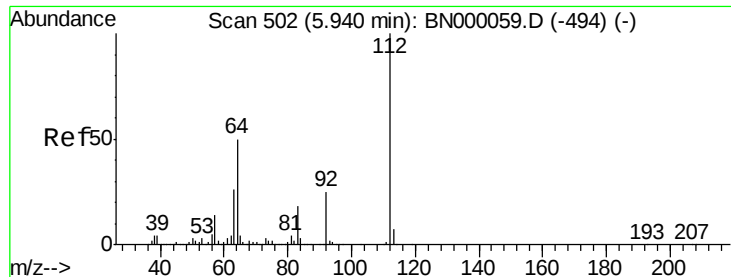
Tot Ion: 79 Resp: 143
 Ion Ratio Lower Upper
 79 100
 52 0.0 44.0 66.0#
 51 400.2 24.0 36.0#



#4
 n-Nitrosodimethylamine
 Concen: 0.69 ng
 RT: 4.02 min Scan# 176
 Delta R.T. 0.01 min
 Lab File: BN000093.D
 Acq: 15 Feb 2018 12:58

Tgt Ion: 42 Resp: 4220
 Ion Ratio Lower Upper
 42 100
 74 181.6 128.0 192.0
 44 93.8 12.0 18.0#





#5

2-Fluorophenol

Concen: 134.95 ng

RT: 5.93 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

Instrument :

BNA_N

ClientSampleId :

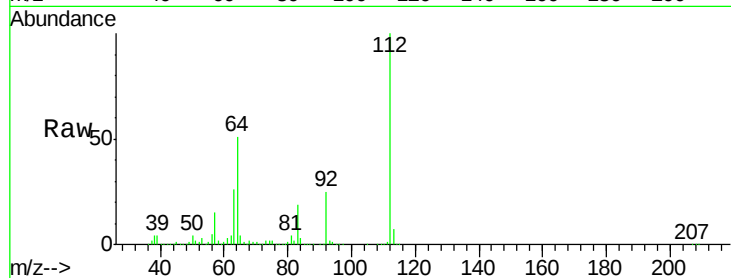
Tot Ion:112 Resp: 2331519

Ion Ratio Lower Upper

112 100

64 50.9 56.3 84.5#

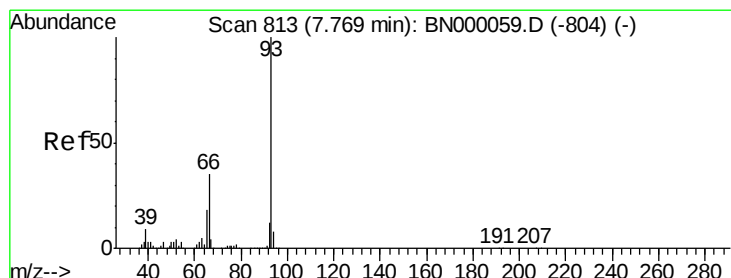
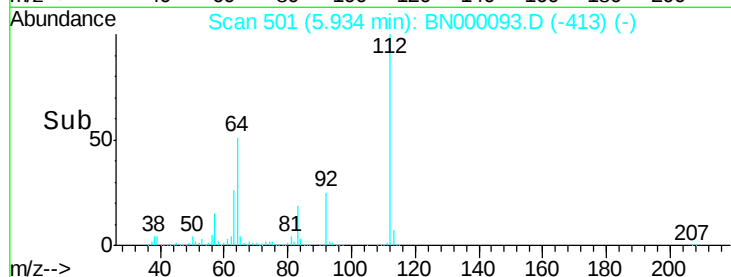
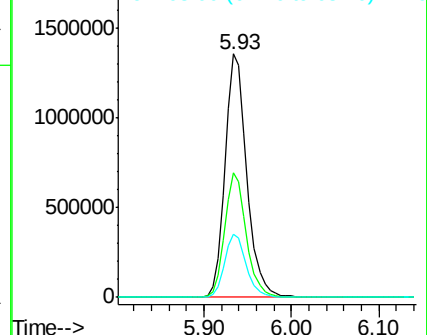
63 25.8 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 0.80 ng

RT: 7.77 min Scan# 813

Delta R.T. -0.01 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

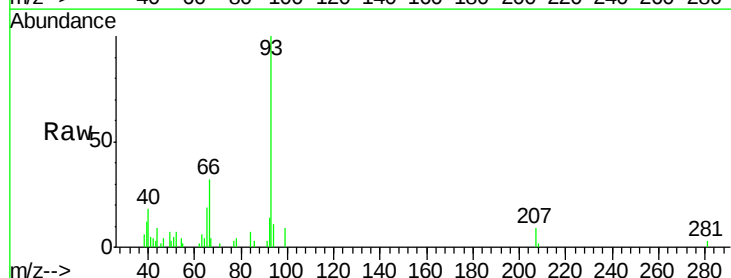
Tgt Ion: 93 Resp: 28846

Ion Ratio Lower Upper

93 100

66 32.1 33.7 50.5#

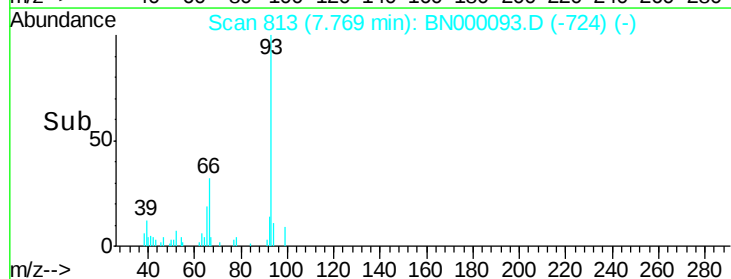
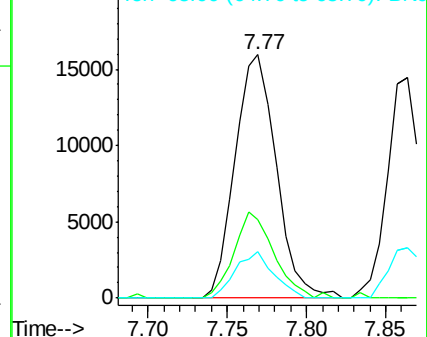
65 19.3 16.1 24.1

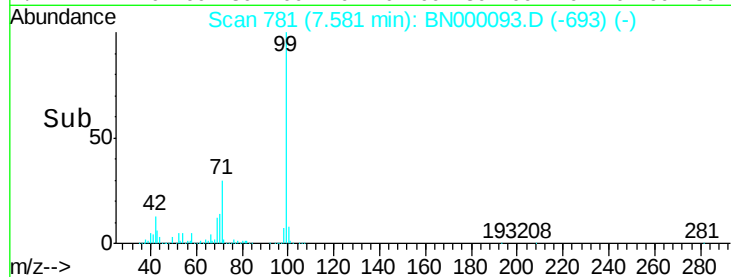
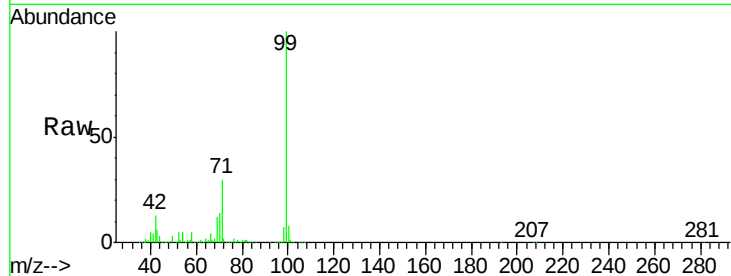
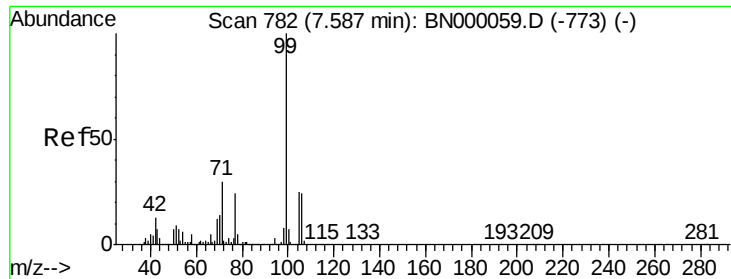


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 128.08 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

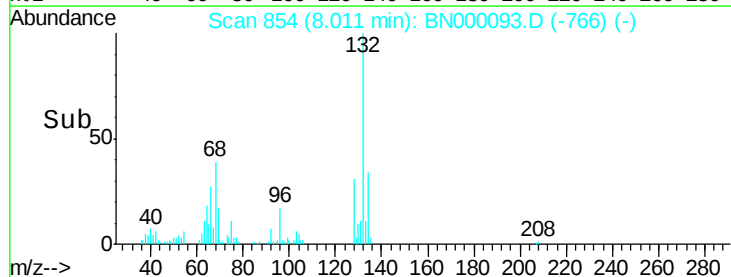
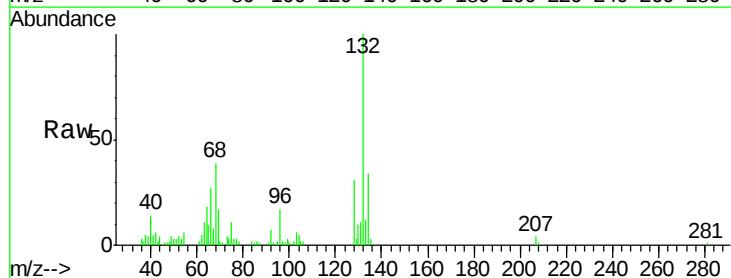
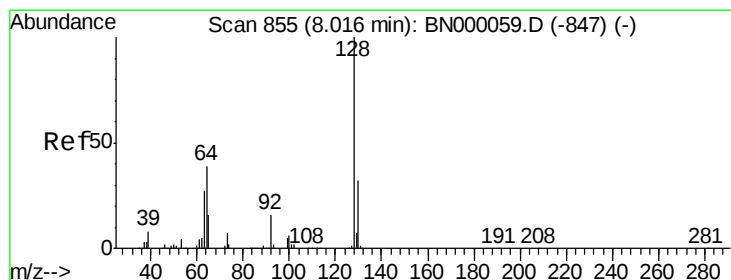
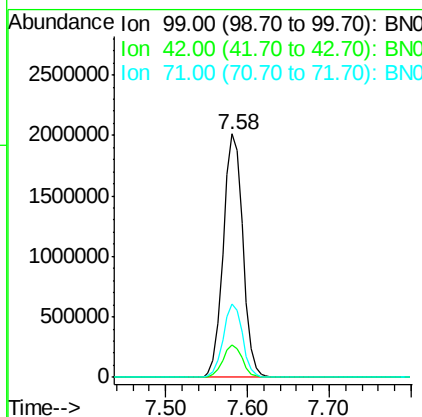
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 99 Resp: 3352083

Ion	Ratio	Lower	Upper
99	100		
42	13.2	14.1	21.1#
71	30.0	26.1	39.1



#8

2-Chlorophenol

Concen: 0.99 ng

RT: 8.01 min Scan# 854

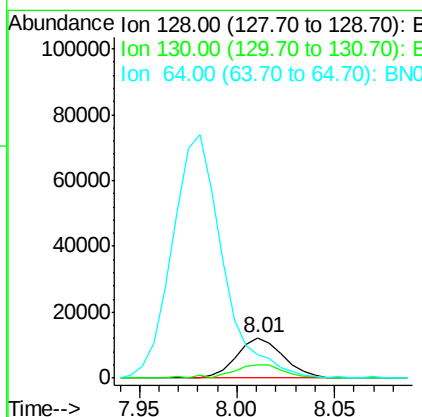
Delta R.T. -0.01 min

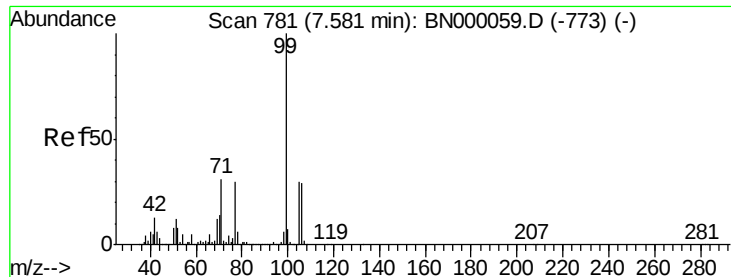
Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

Tgt Ion: 128 Resp: 20004

Ion	Ratio	Lower	Upper
128	100		
130	31.5	14.0	54.0
64	58.8	37.7	77.7

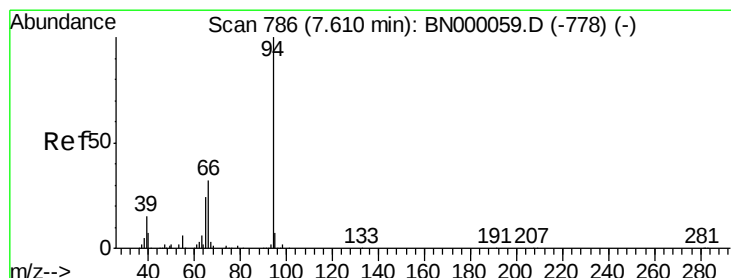
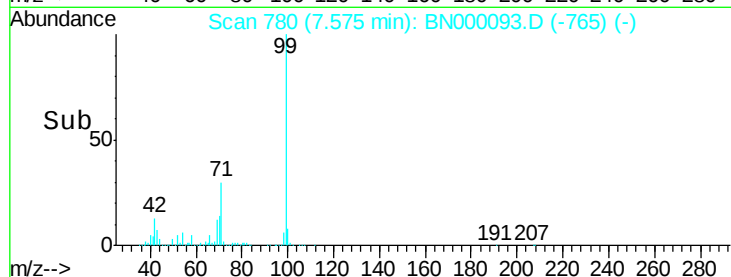
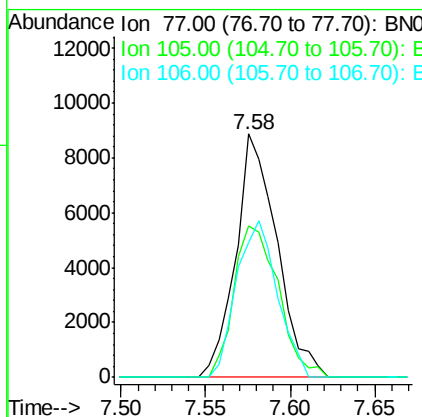
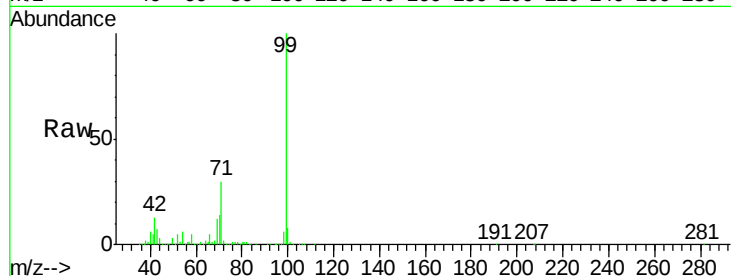




#9
Benzaldehyde
Concen: 0.92 ng
RT: 7.58 min Scan# 780
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

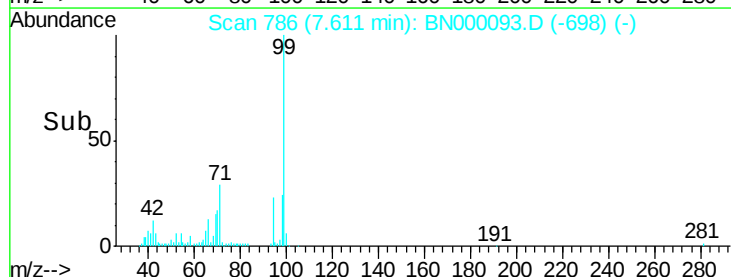
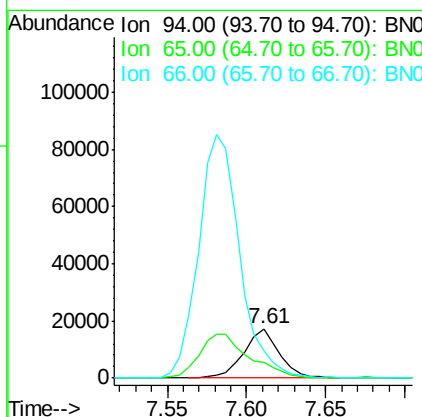
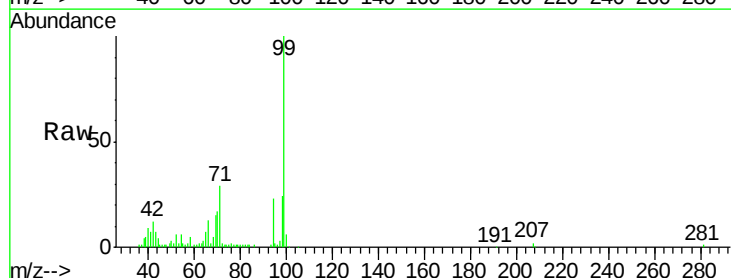
Instrument :
BNA_N
ClientSampleId :

Tot Ion: 77 Resp: 15060
Ion Ratio Lower Upper
77 100
105 62.2 71.3 111.3#
106 55.6 64.2 104.2#



#10
Phenol
Concen: 0.96 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

Tgt Ion: 94 Resp: 26590
Ion Ratio Lower Upper
94 100
65 31.4 11.9 51.9
66 54.9 22.2 62.2

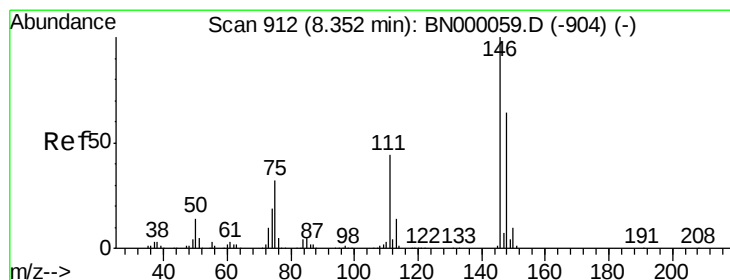
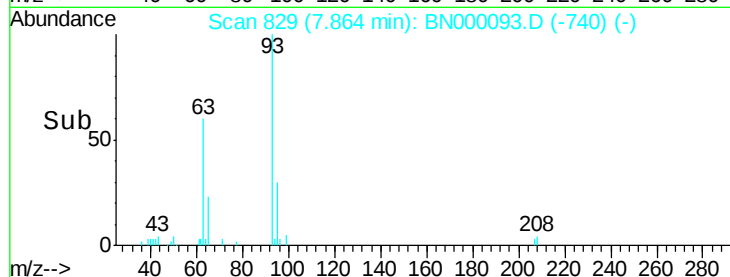
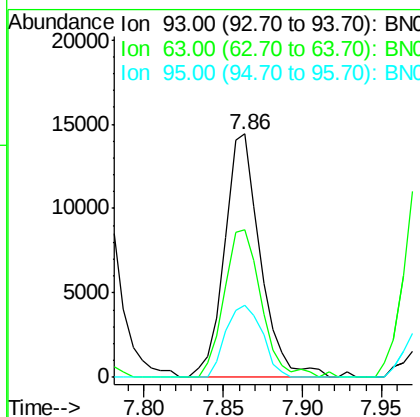
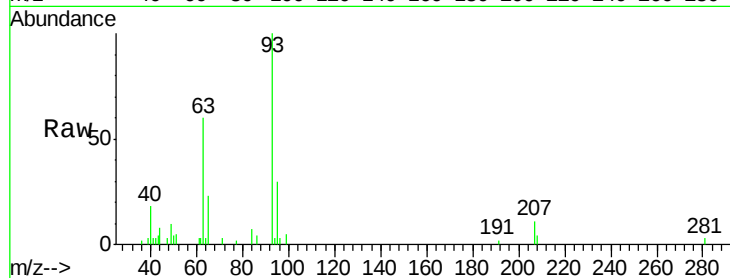




#11
bis(2-Chloroethyl)ether
Concen: 1.00 ng
RT: 7.86 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

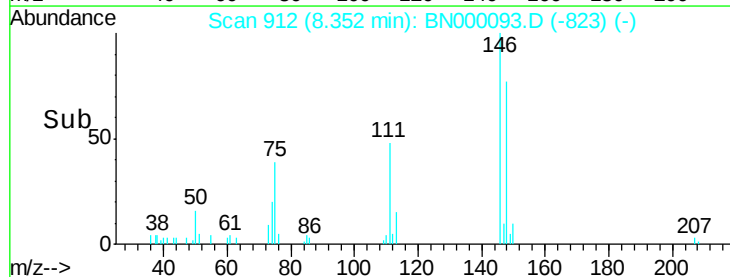
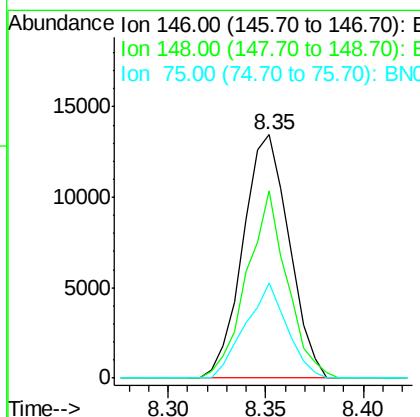
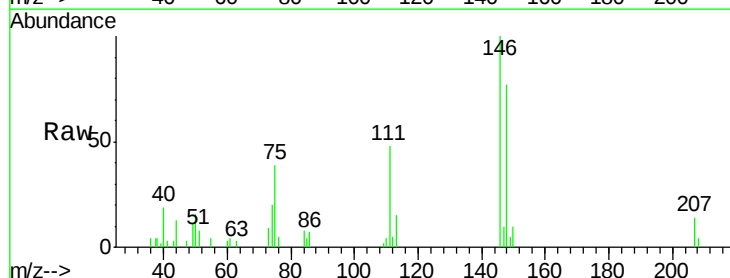
Instrument :
BNA_N
ClientSampleId :

Tot Ion: 93 Resp: 22641
Ion Ratio Lower Upper
93 100
63 60.4 67.1 107.1#
95 29.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 0.96 ng
RT: 8.35 min Scan# 912
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

Tgt Ion: 146 Resp: 22061
Ion Ratio Lower Upper
146 100
148 77.1 51.4 77.2
75 39.2 26.6 39.8

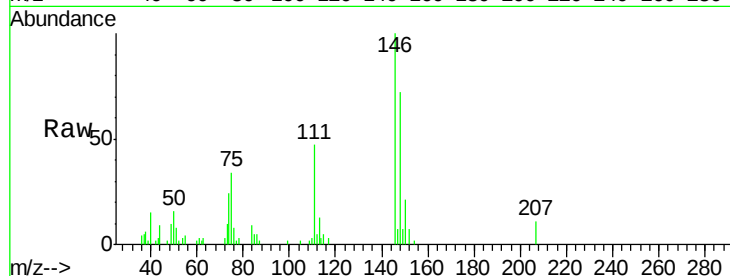




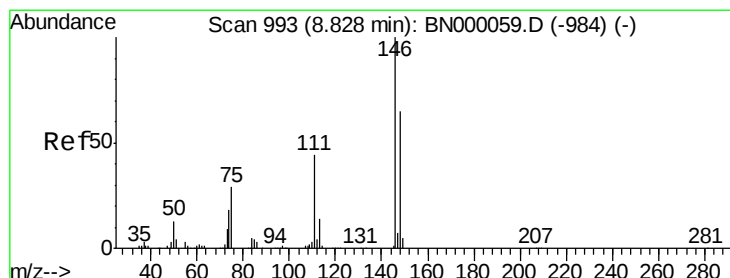
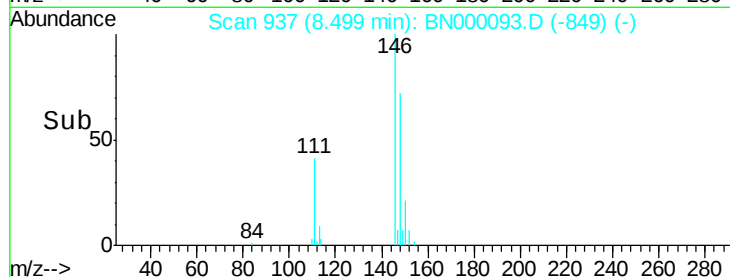
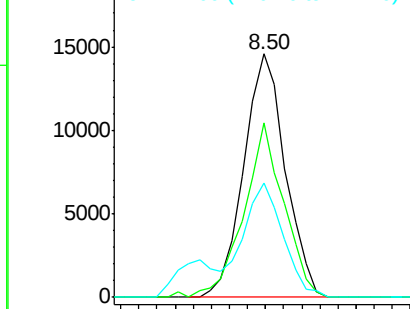
#13
 1,4-Dichlorobenzene
 Concen: 0.99 ng
 RT: 8.50 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BN000093.D
 Acq: 15 Feb 2018 12:58

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	71.7	53.7	80.5
111	46.8	35.2	52.8

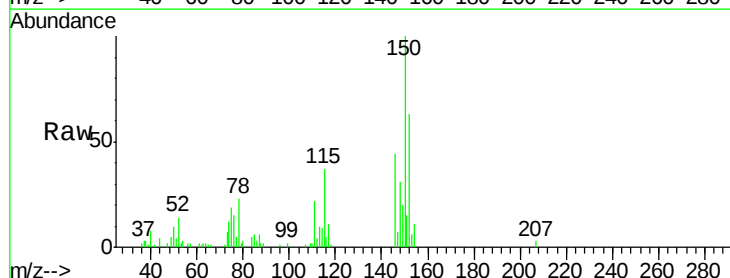


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

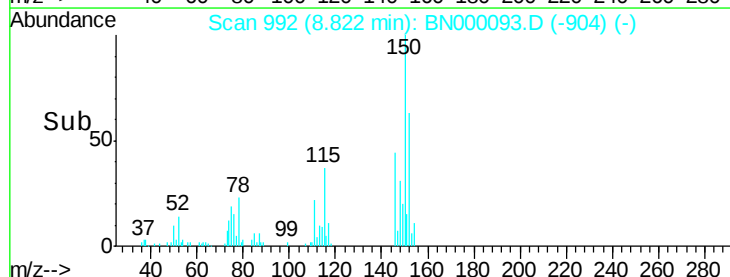
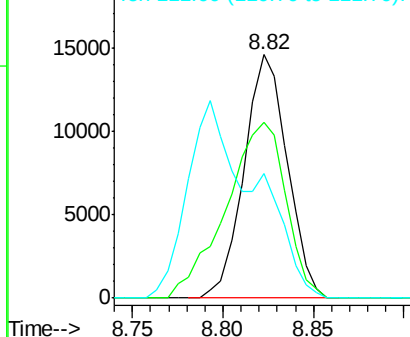


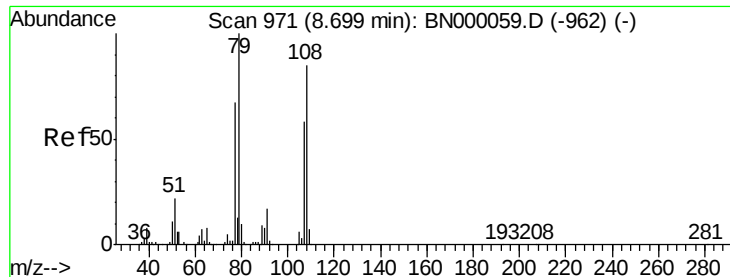
#14
 1,2-Dichlorobenzene
 Concen: 1.04 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BN000093.D
 Acq: 15 Feb 2018 12:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	72.0	49.3	73.9
111	51.0	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: 0.77 ng

RT: 8.69 min Scan# 970

Delta R.T. -0.01 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

Instrument :

BNA_N

ClientSampled :

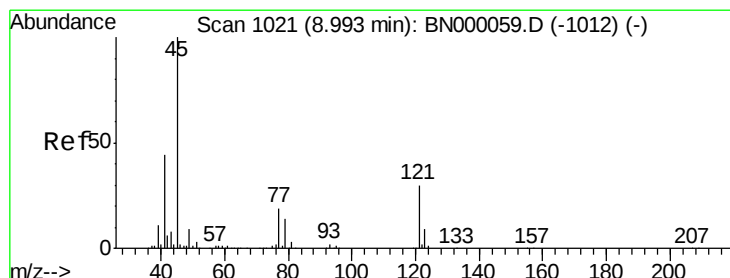
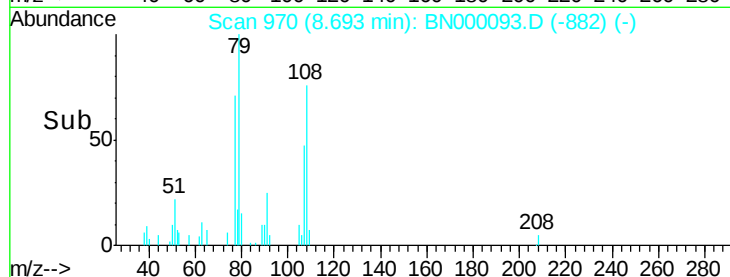
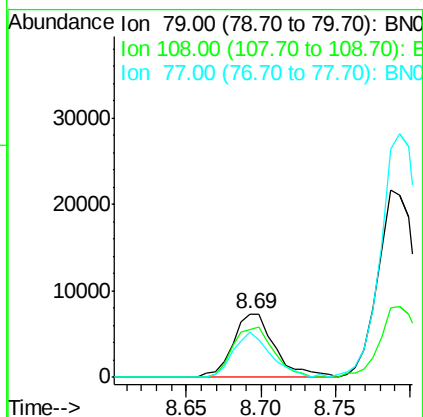
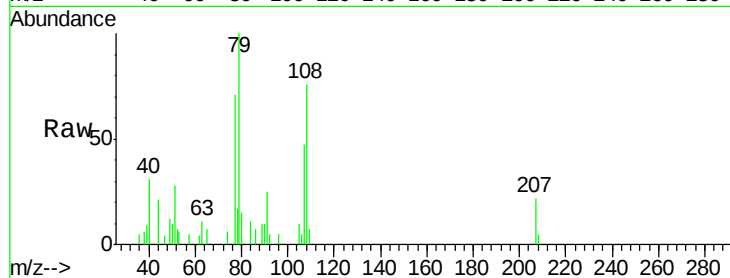
Tot Ion: 79 Resp: 14398

Ion Ratio Lower Upper

79 100

108 75.8 57.2 85.8

77 71.3 46.1 69.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.95 ng

RT: 8.99 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

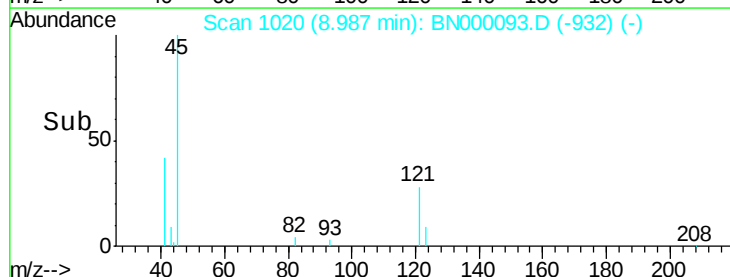
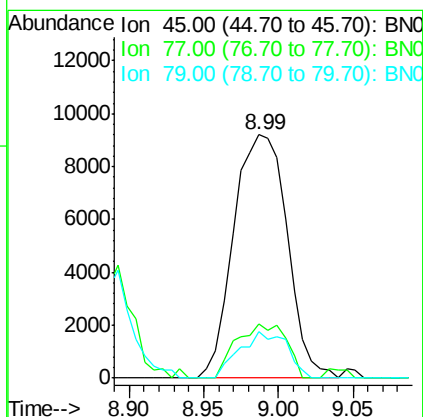
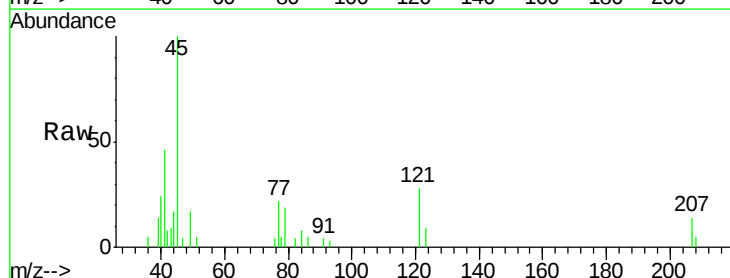
Tgt Ion: 45 Resp: 22893

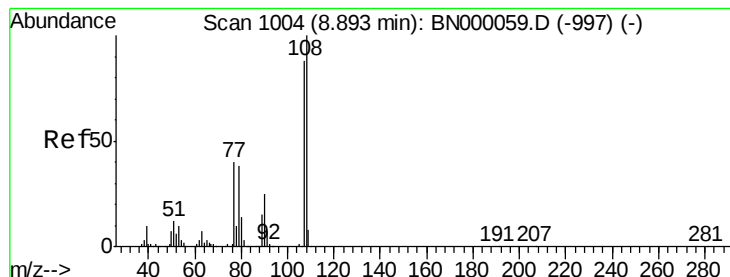
Ion Ratio Lower Upper

45 100

77 22.1 0.0 30.2

79 18.9 0.0 27.9





#17

2-Methylphenol

Concen: 0.73 ng

RT: 8.89 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

Instrument :

BNA_N

ClientSampleId :

Tot Ion:107 Resp: 14412

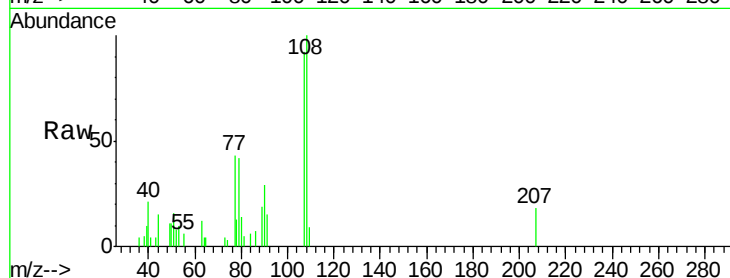
Ion Ratio Lower Upper

107 100

108 108.8 83.9 125.9

77 47.3 37.2 55.8

79 45.3 36.2 54.2



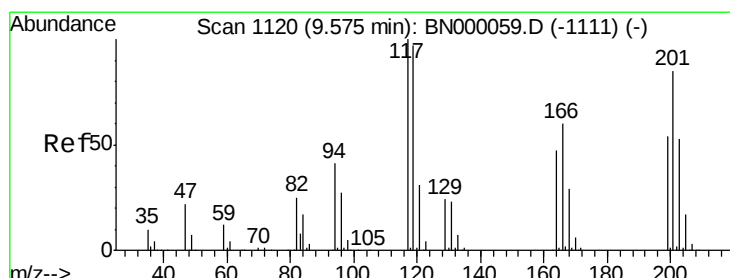
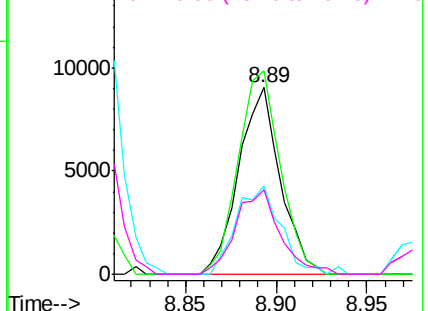
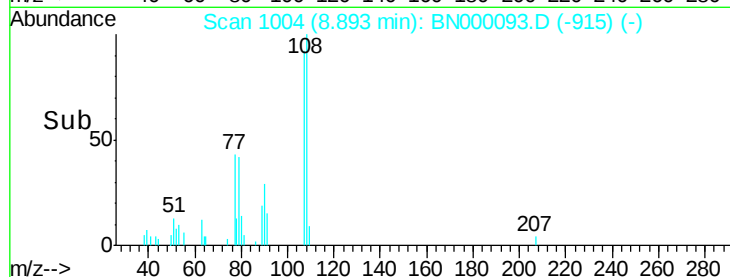
Abundance

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: 0.91 ng

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

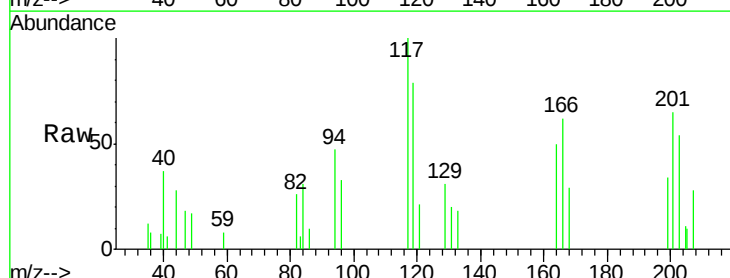
Tgt Ion:117 Resp: 7396

Ion Ratio Lower Upper

117 100

119 78.5 76.7 115.1

201 65.3 95.7 143.5#

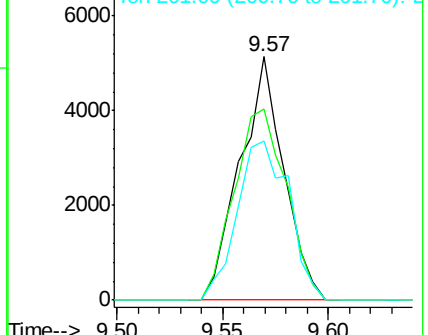
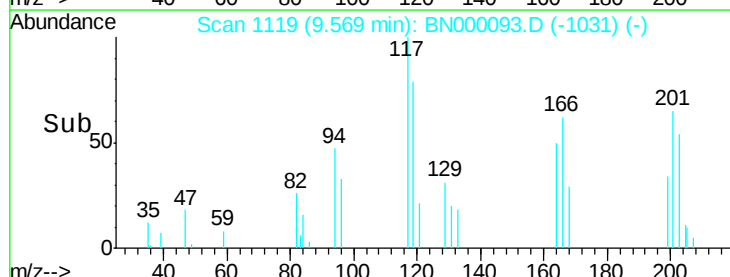


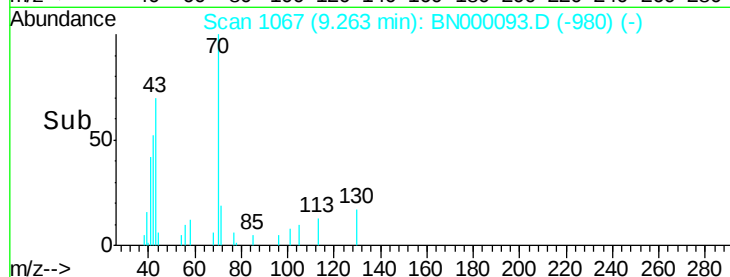
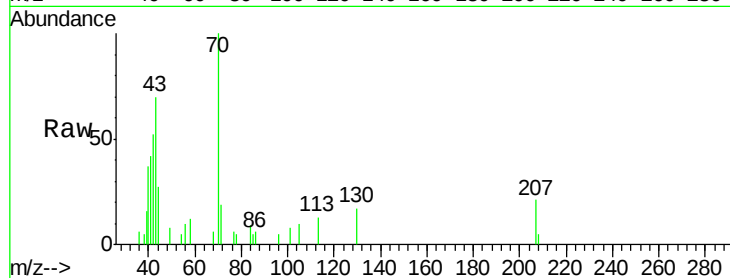
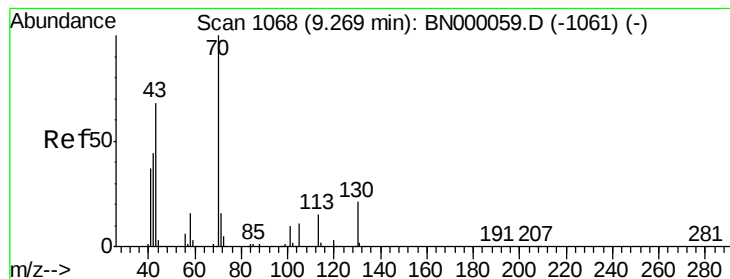
Abundance

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: 0.66 ng

RT: 9.26 min Scan# 1067

Delta R.T. -0.02 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

Instrument :

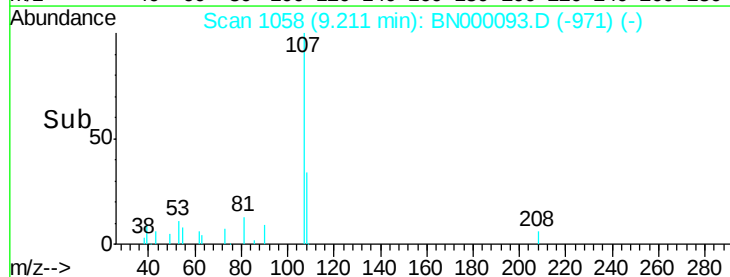
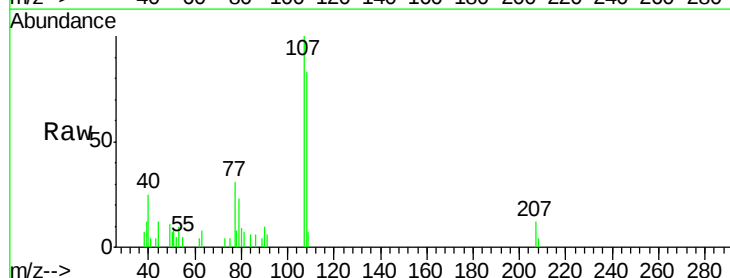
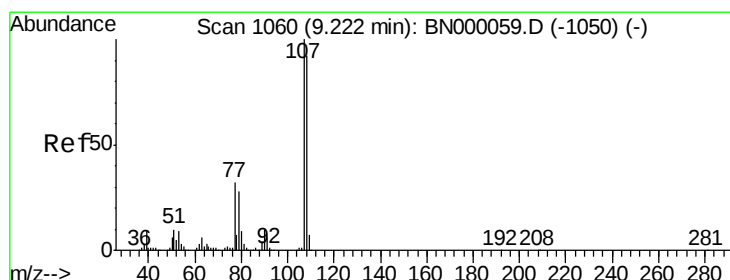
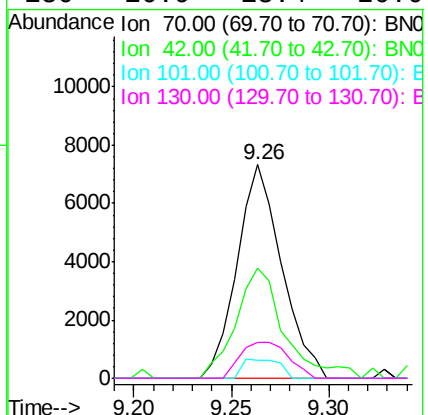
BNA_N

ClientSampled :

Tot Ion: 70 Resp: 11573

Ion Ratio Lower Upper

70	100		
42	51.6	49.1	73.7
101	8.3	8.5	12.7#
130	16.9	13.4	20.0



#20

3+4-Methylphenols

Concen: 0.64 ng

RT: 9.21 min Scan# 1058

Delta R.T. -0.02 min

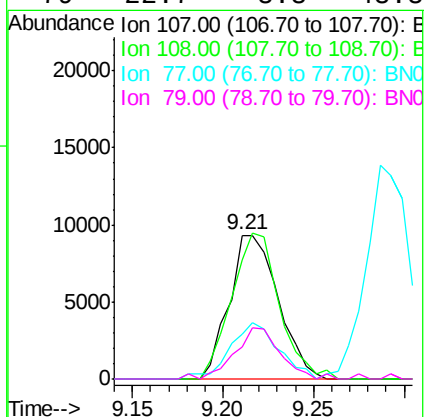
Lab File: BN000093.D

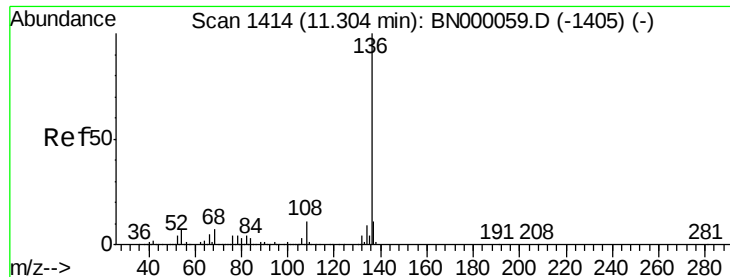
Acq: 15 Feb 2018 12:58

Tgt Ion: 107 Resp: 17563

Ion Ratio Lower Upper

107	100		
108	82.8	61.6	101.6
77	31.5	13.9	53.9
79	22.7	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: BN000093.D

Acq: 15 Feb 2018 12:58

Instrument :

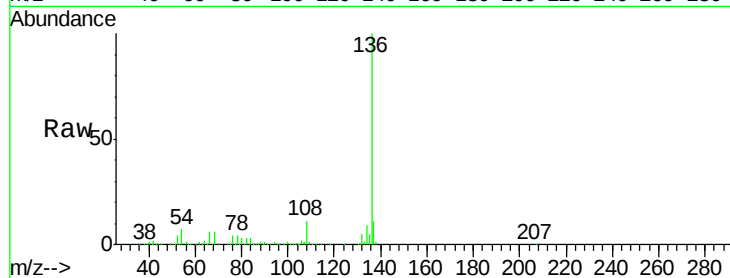
BNA_N

ClientSampleId :

Tot Ion:136 Resp: 1404742

Ion Ratio Lower Upper

136	100		
137	11.2	9.2	13.8
54	6.7	10.3	15.5#
68	6.1	4.5	6.7

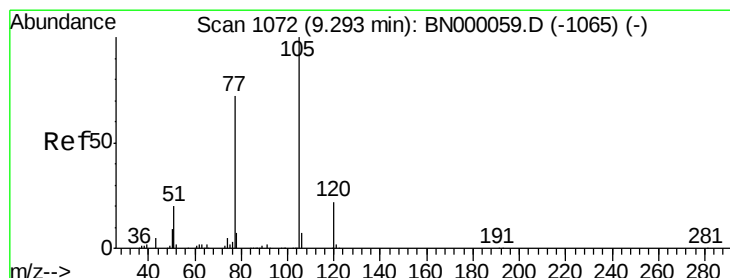
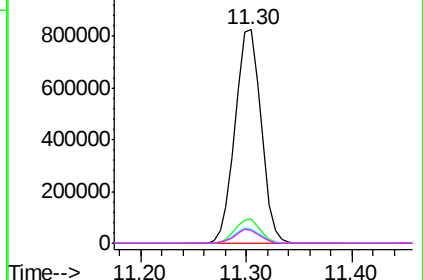
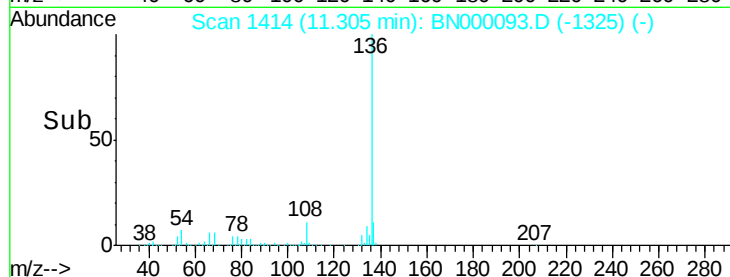


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#22

Acetophenone

Concen: 0.76 ng

RT: 9.29 min Scan# 1072

Delta R.T. -0.01 min

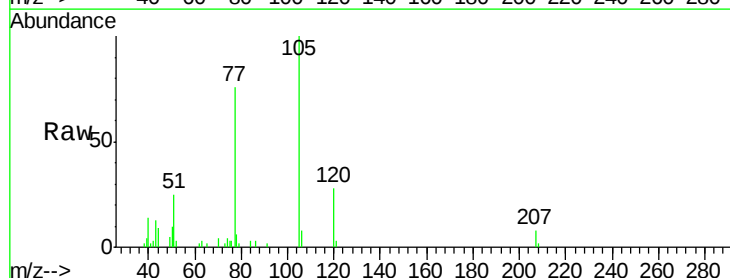
Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

Tgt Ion:105 Resp: 29813

Ion Ratio Lower Upper

105	100		
71	0.0	3.0	4.4#
51	24.6	26.1	39.1#
120	27.6	17.4	26.2#

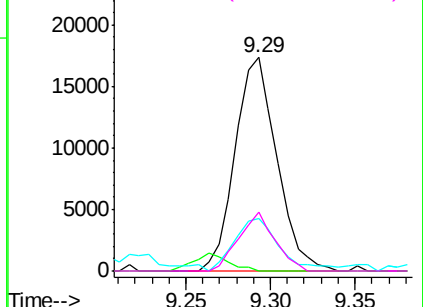
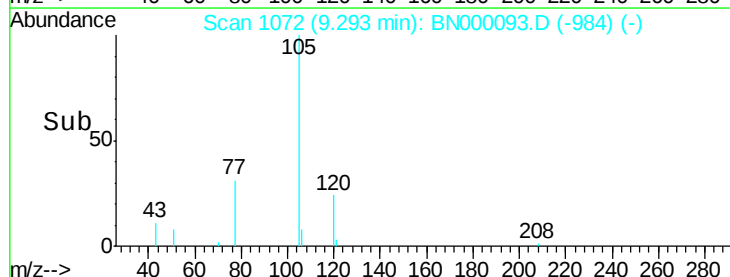


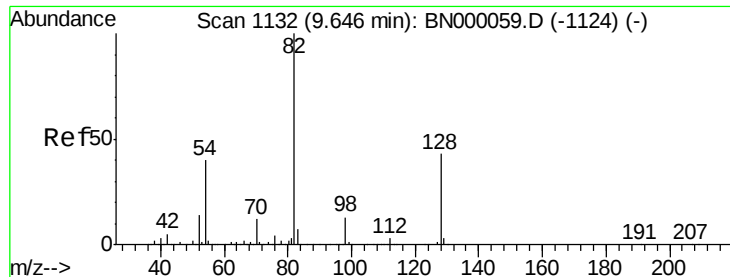
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E

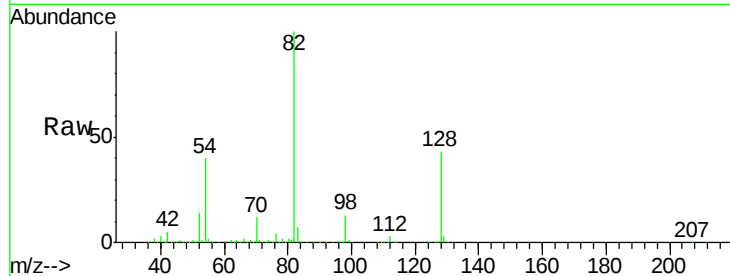




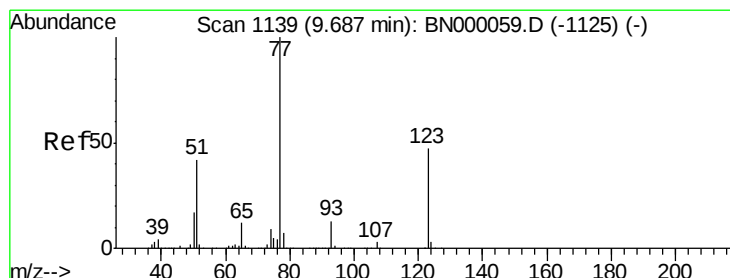
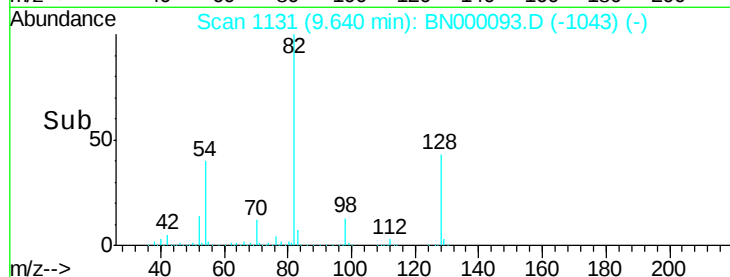
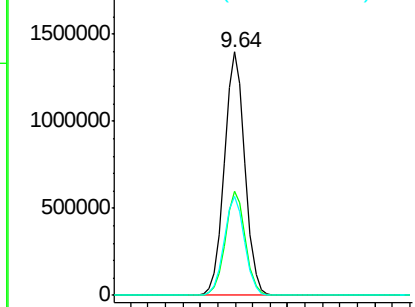
#23
Nitrobenzene-d5
Concen: 95.45 ng
RT: 9.64 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 82 Resp: 2255064
Ion Ratio Lower Upper
82 100
128 42.7 29.7 44.5
54 40.4 43.1 64.7#

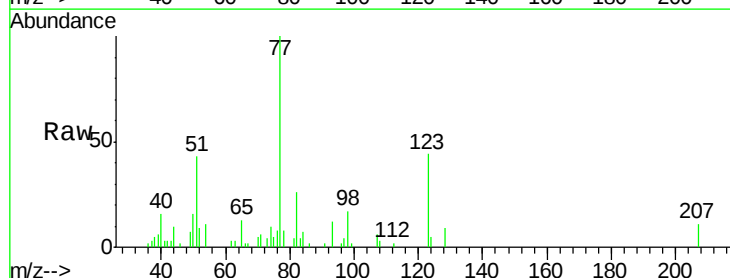


Abundance Ion 82.00 (81.70 to 82.70): BNC
Ion 128.00 (127.70 to 128.70): BNC
Ion 54.00 (53.70 to 54.70): BNC

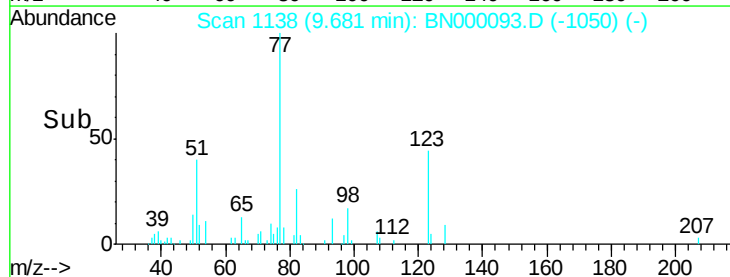
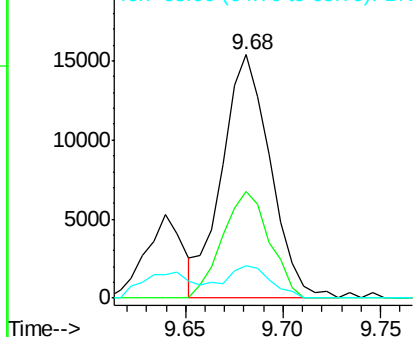


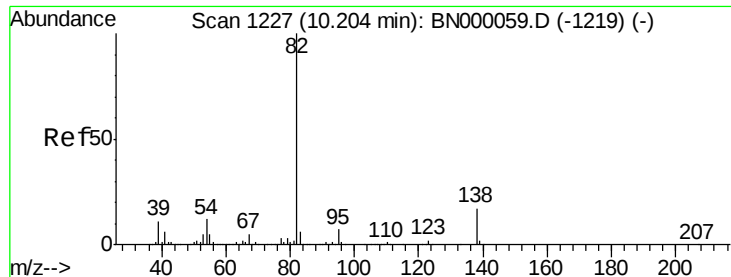
#24
Nitrobenzene
Concen: 1.02 ng
RT: 9.68 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

Tgt Ion: 77 Resp: 26351
Ion Ratio Lower Upper
77 100
123 43.6 33.0 49.6
65 13.3 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: 0.70 ng

RT: 10.20 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

Instrument :

BNA_N

ClientSampleId :

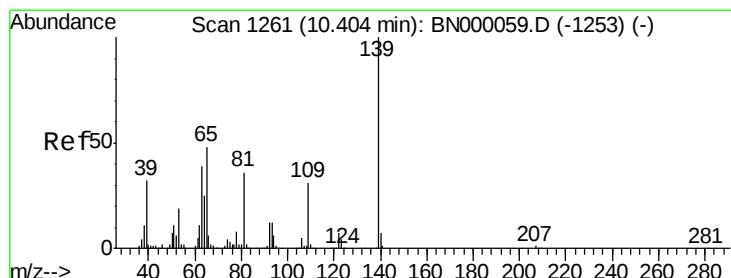
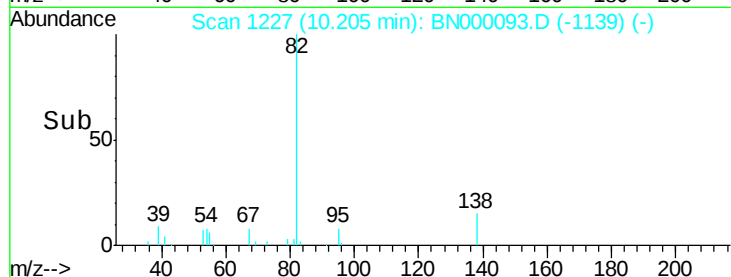
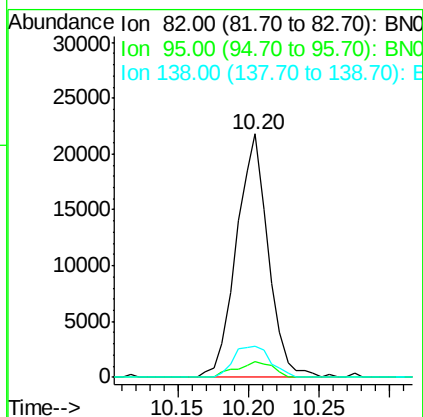
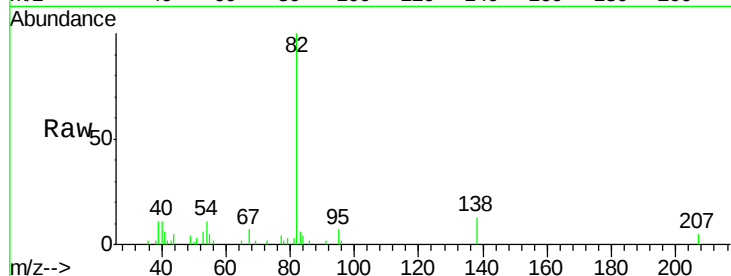
Tot Ion: 82 Resp: 34327

Ion Ratio Lower Upper

82 100

95 6.7 6.2 9.2

138 12.8 12.1 18.1



#26

2-Nitrophenol

Concen: 7.58 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

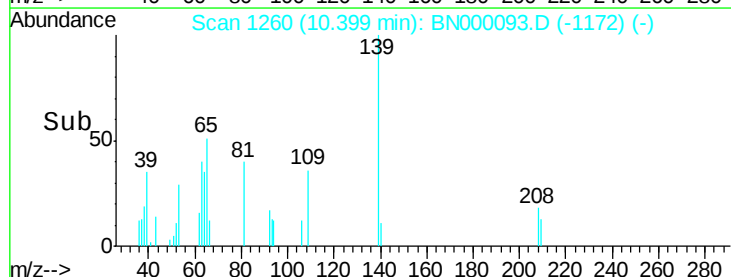
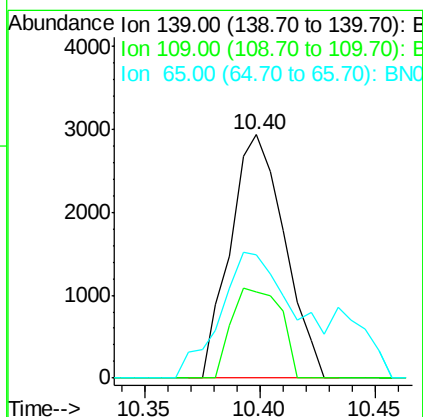
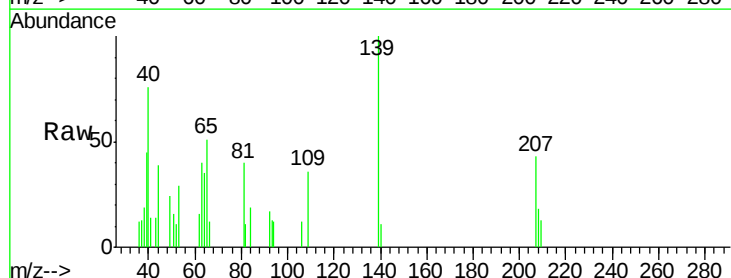
Tgt Ion: 139 Resp: 4806

Ion Ratio Lower Upper

139 100

109 35.5 24.2 36.2

65 50.8 47.4 71.0

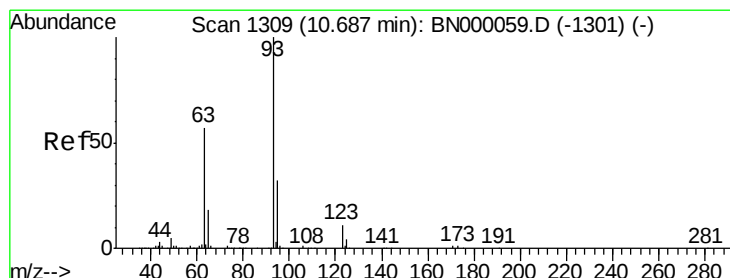
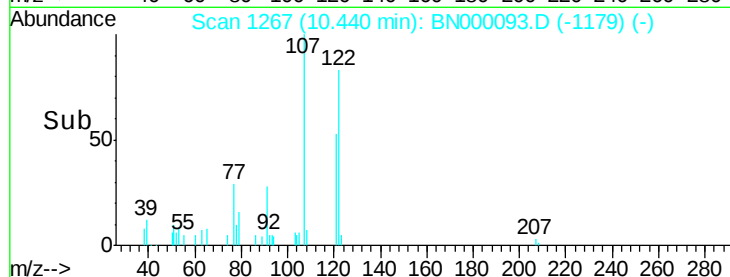
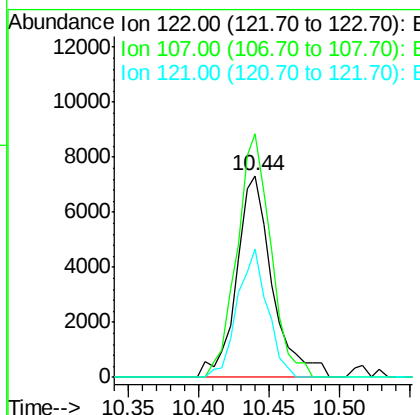
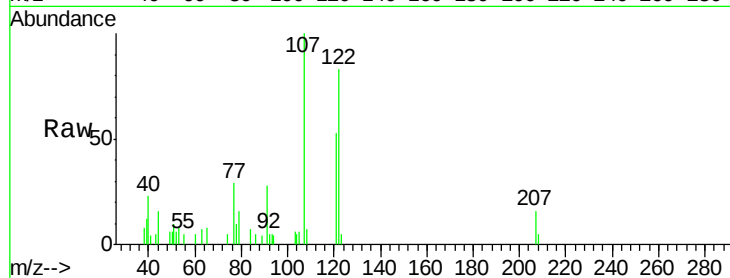




#27
 2,4-Dimethylphenol
 Concen: 0.61 ng
 RT: 10.44 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BN000093.D
 Acq: 15 Feb 2018 12:58

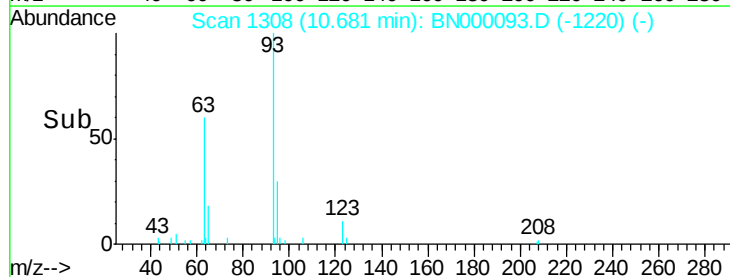
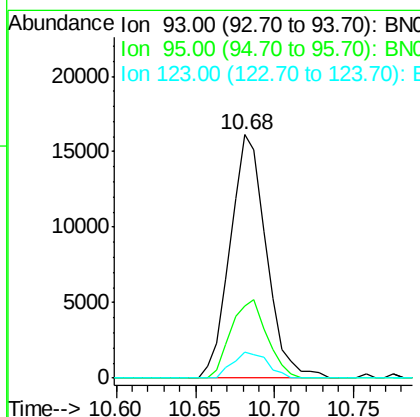
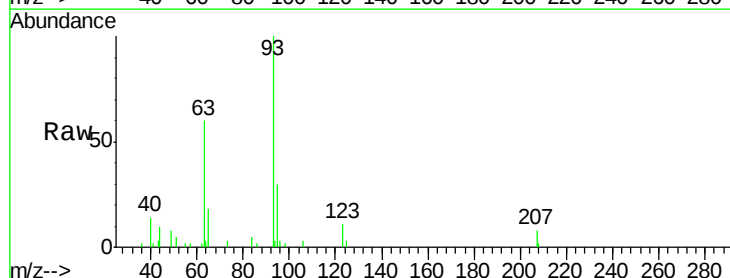
Instrument :
 BNA_N
 ClientSampleId :

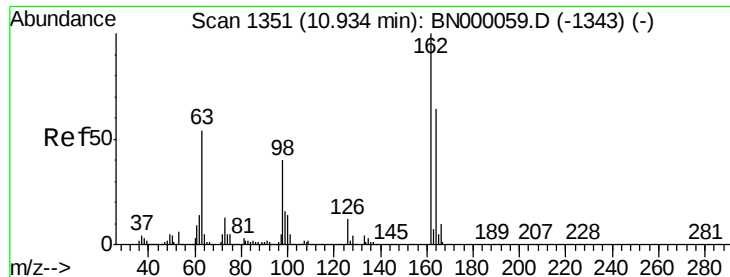
Tot Ion:122 Resp: 12934
 Ion Ratio Lower Upper
 122 100
 107 120.7 100.2 150.2
 121 63.6 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.81 ng
 RT: 10.68 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BN000093.D
 Acq: 15 Feb 2018 12:58

Tgt Ion: 93 Resp: 25427
 Ion Ratio Lower Upper
 93 100
 95 29.7 24.3 36.5
 123 10.9 8.4 12.6

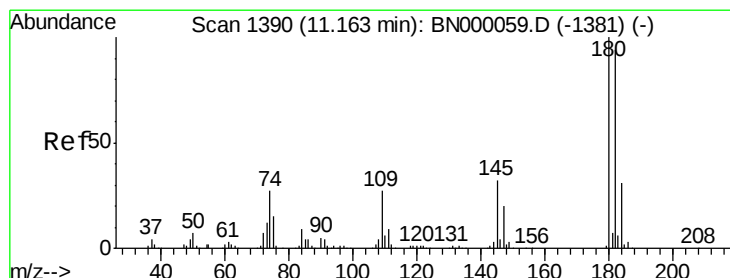
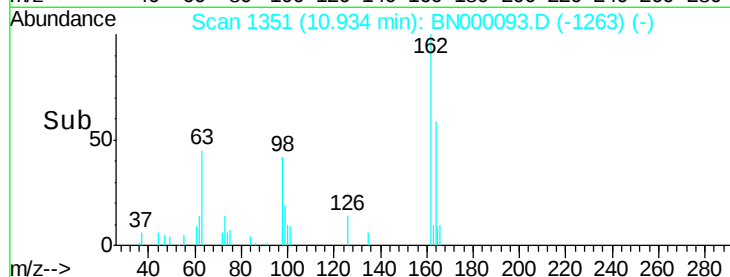
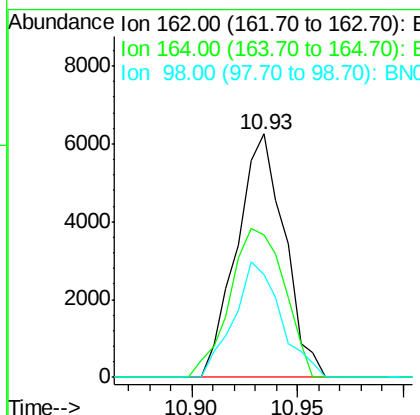
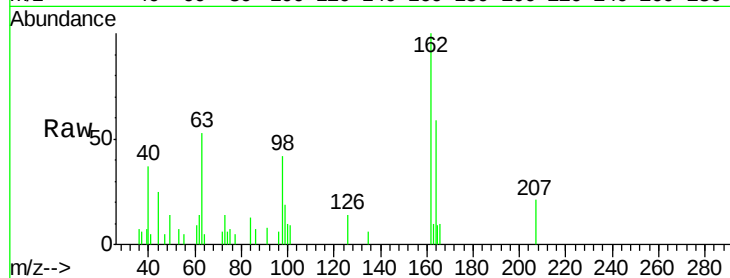




#29
 2,4-Dichlorophenol
 Concen: 0.50 ng
 RT: 10.93 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BN000093.D
 Acq: 15 Feb 2018 12:58

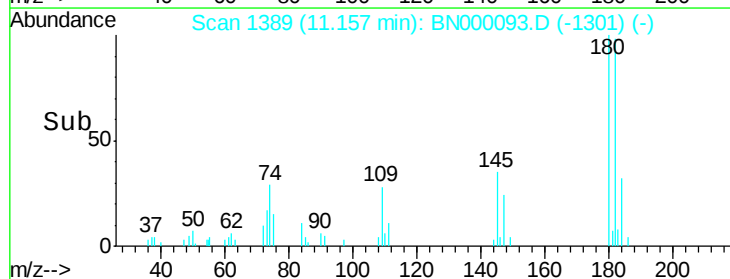
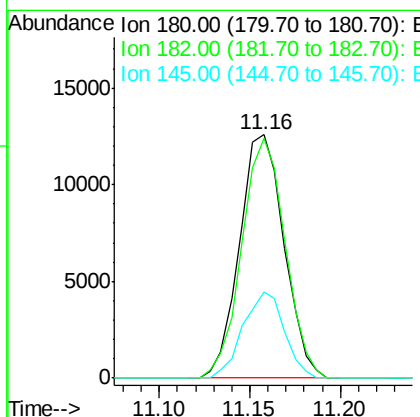
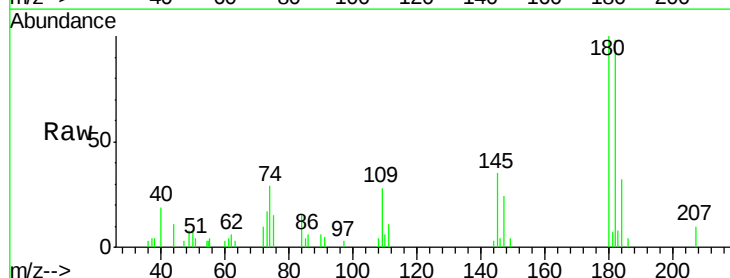
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	58.5	48.0	88.0
98	42.3	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 0.95 ng
 RT: 11.16 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BN000093.D
 Acq: 15 Feb 2018 12:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	77.5	116.3
145	35.4	23.4	35.2

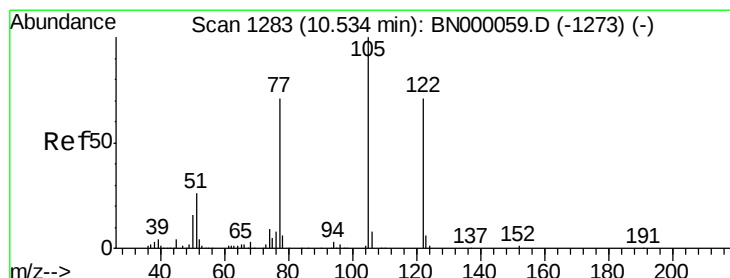
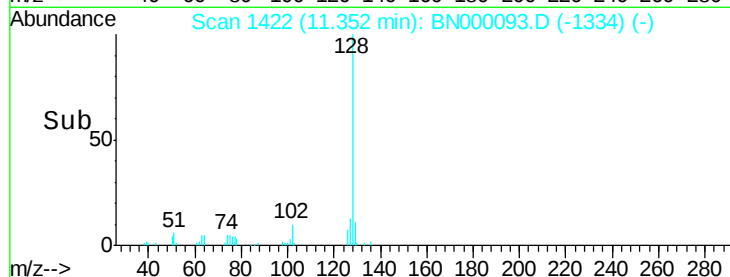
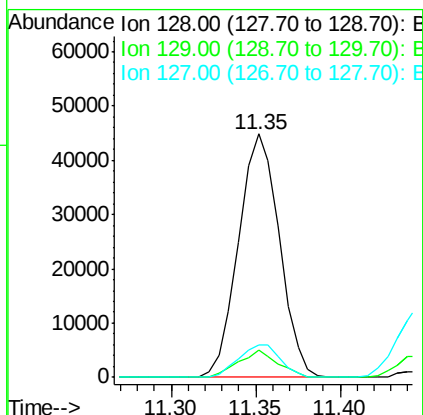
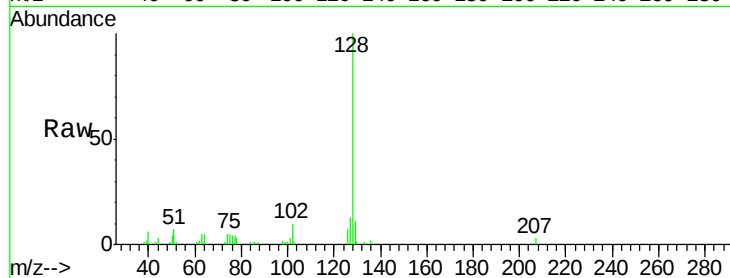




#31
Naphthalene
Concen: 0.98 ng
RT: 11.35 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

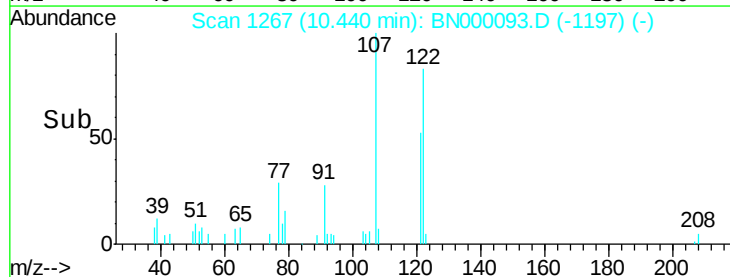
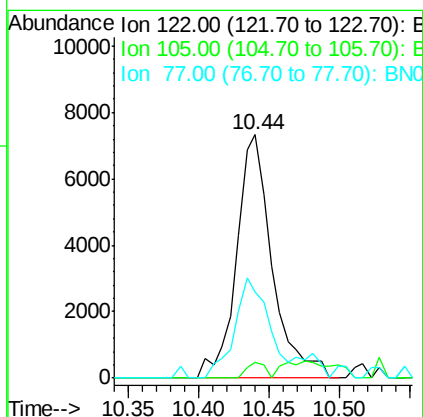
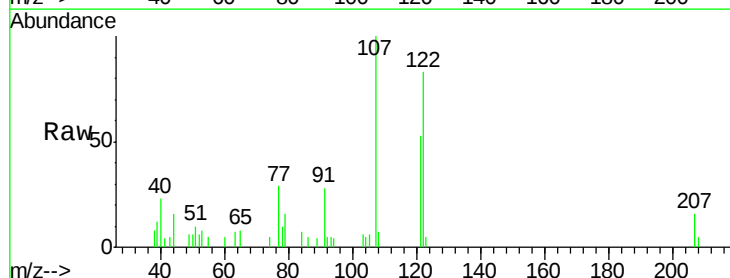
Instrument :
BNA_N
ClientSampleId :

Tot Ion:128 Resp: 75702
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.2 11.6 17.4



#32
Benzoic acid
Concen: 11.18 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.12 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

Tgt Ion:122 Resp: 12934
Ion Ratio Lower Upper
122 100
105 6.7 123.5 163.5#
77 35.4 85.7 125.7#

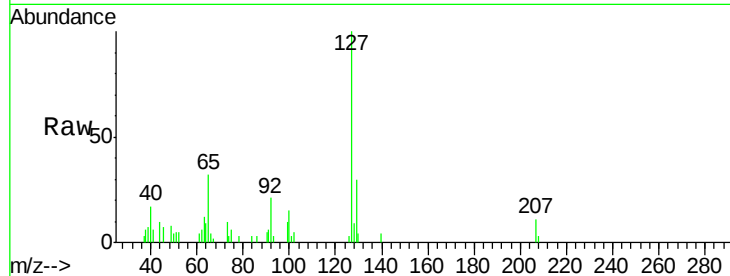




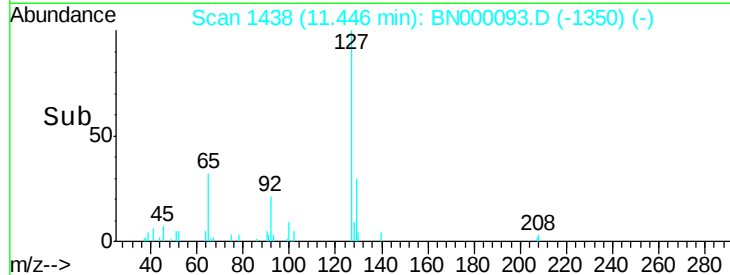
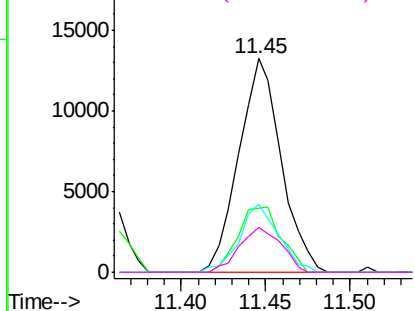
#33
4-Chloroaniline
Concen: 0.68 ng
RT: 11.45 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	127	Resp:	23086
Ion	Ratio	Lower	Upper
127	100		
129	30.1	24.0	36.0
65	31.9	27.0	40.4
92	21.3	16.6	25.0

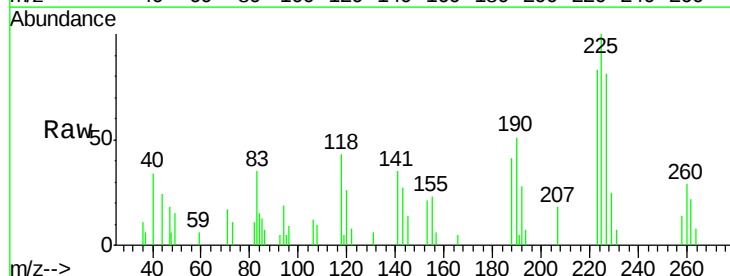


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

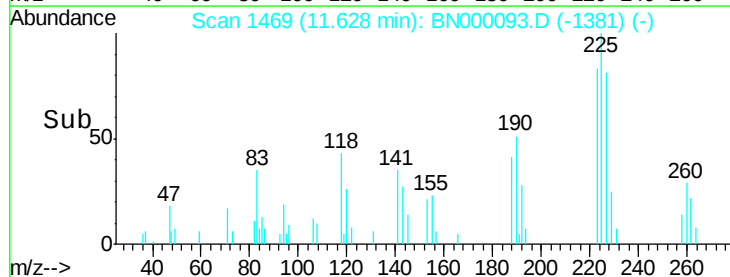
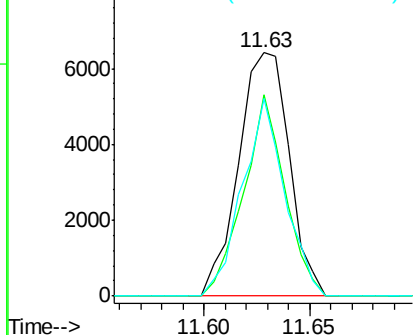


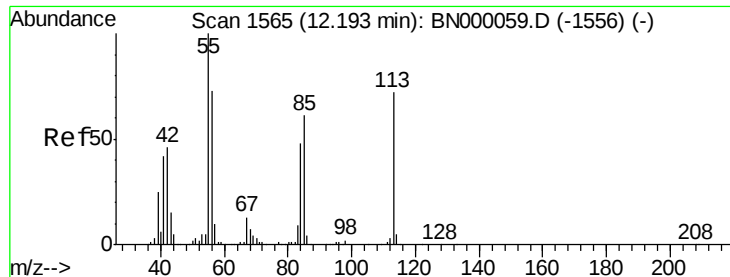
#34
Hexachlorobutadiene
Concen: 0.91 ng
RT: 11.63 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

Tgt Ion:	225	Resp:	10694
Ion	Ratio	Lower	Upper
225	100		
223	82.5	49.7	74.5#
227	81.3	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: 4.37 ng

RT: 12.17 min Scan# 1561

Delta R.T. -0.03 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

Instrument :

BNA_N

ClientSampleId :

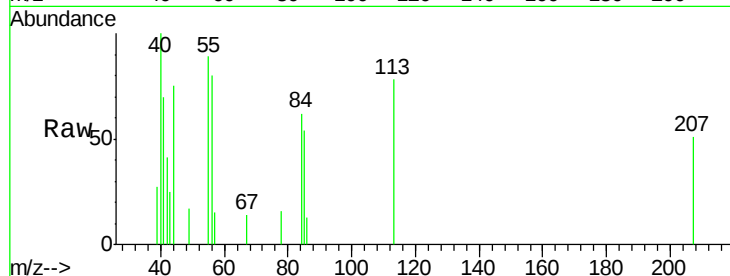
Tot Ion:113 Resp: 3274

Ion Ratio Lower Upper

113 100

55 113.6 120.0 160.0#

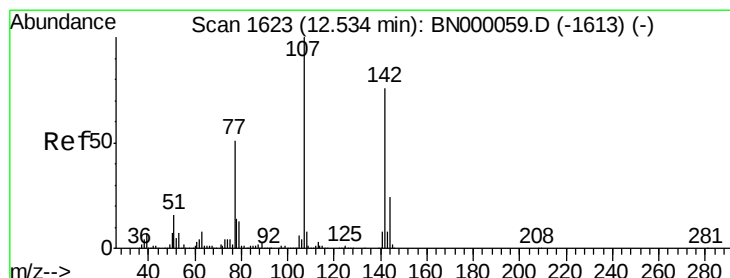
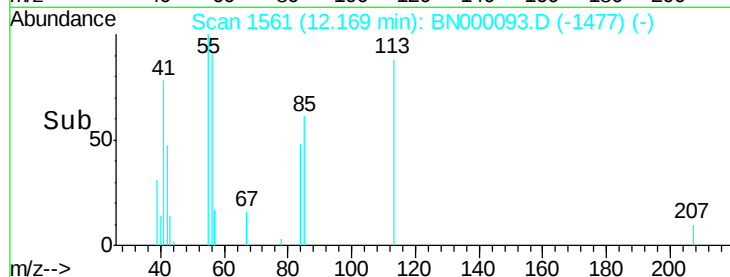
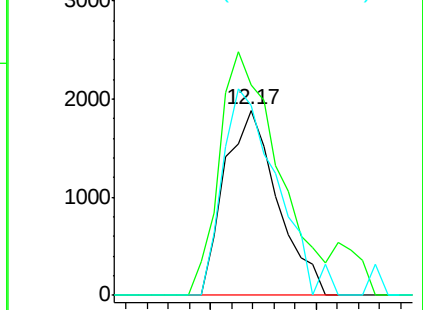
56 102.9 90.0 130.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 0.52 ng

RT: 12.53 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

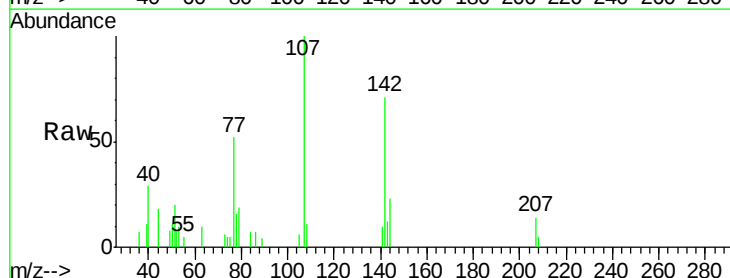
Tgt Ion:107 Resp: 12829

Ion Ratio Lower Upper

107 100

144 23.0 18.2 27.4

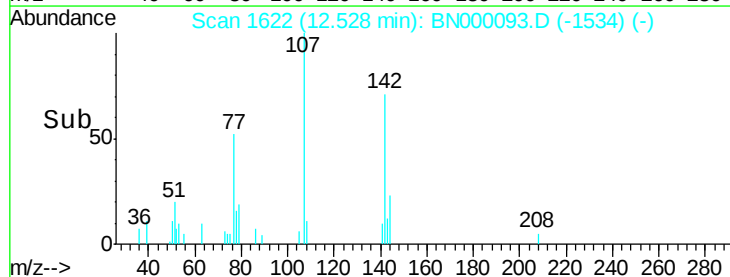
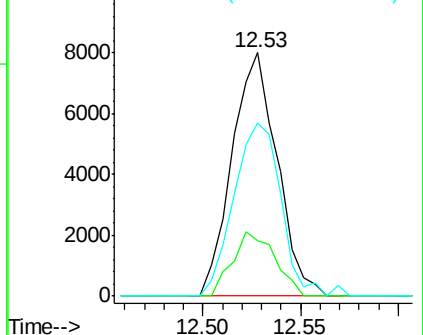
142 71.4 59.0 88.4

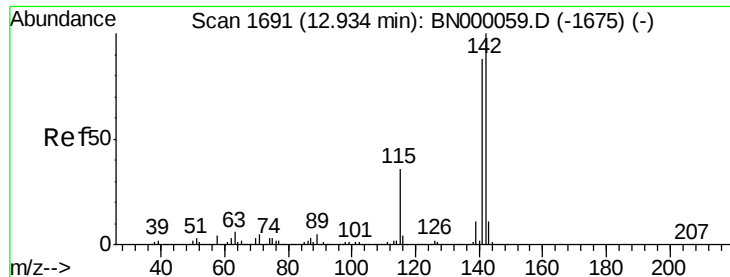


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

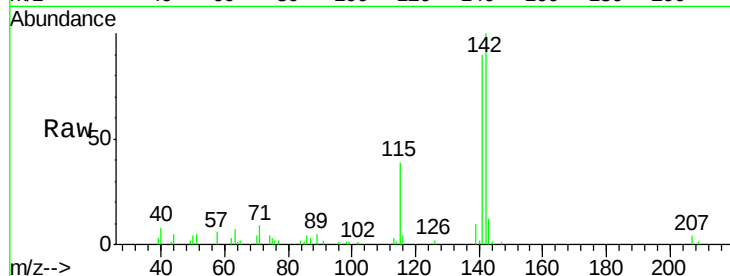




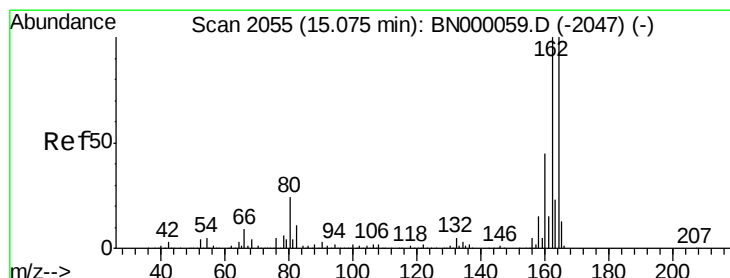
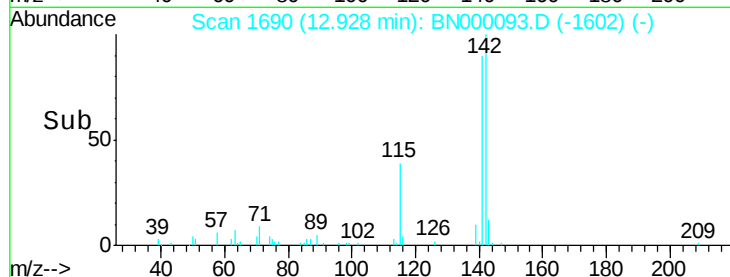
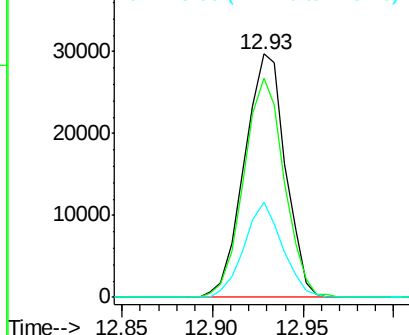
#37
2-Methylnaphthalene
Concen: 0.87 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

Instrument :
BNA_N
ClientSampleId :

Tot Ion:142 Resp: 46864
Ion Ratio Lower Upper
142 100
141 90.0 67.1 100.7
115 39.1 30.7 46.1

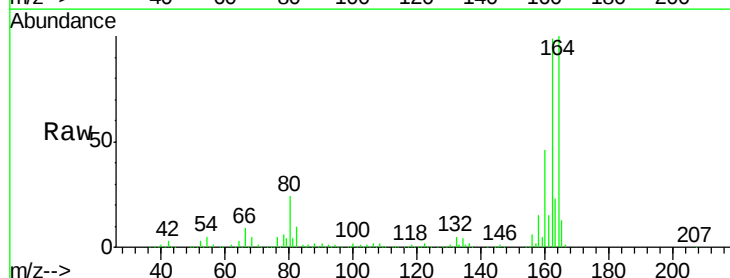


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

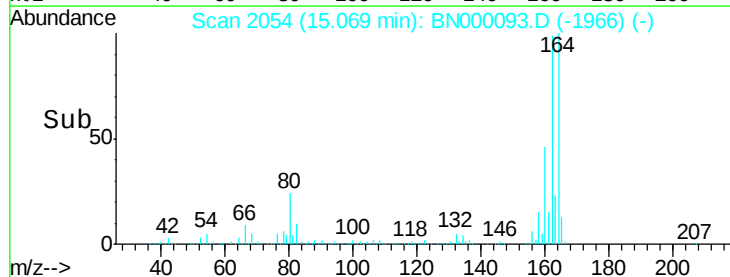
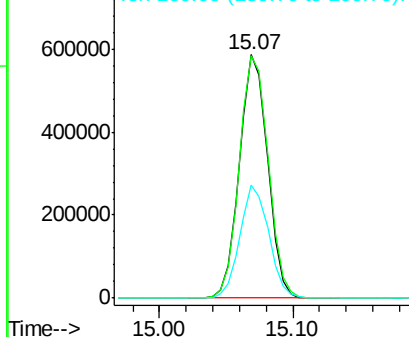


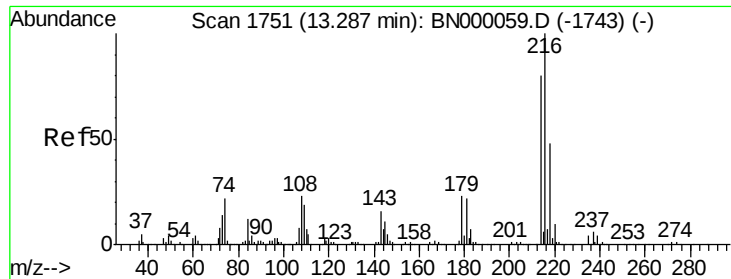
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

Tgt Ion:164 Resp: 854768
Ion Ratio Lower Upper
164 100
162 99.3 78.8 118.2
160 46.3 35.4 53.0



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.92 ng

RT: 13.28 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BN000093.D

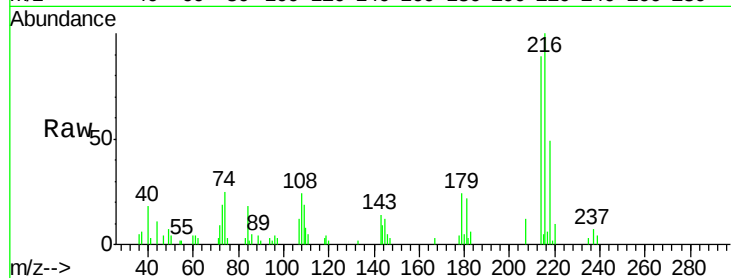
Acq: 15 Feb 2018 12:58

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	216	Resp:	23090
Ion	Ratio	Lower	Upper
216	100		
214	83.0	63.0	94.4
179	24.5	17.0	25.6
108	24.2	12.8	19.2#

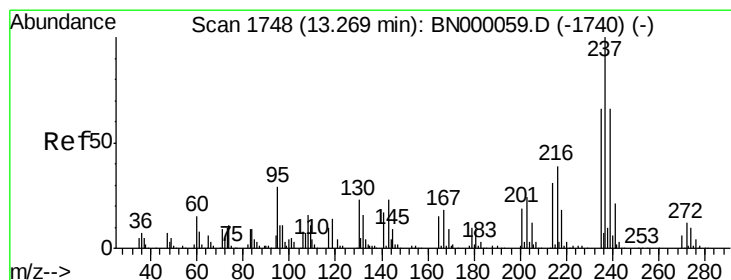
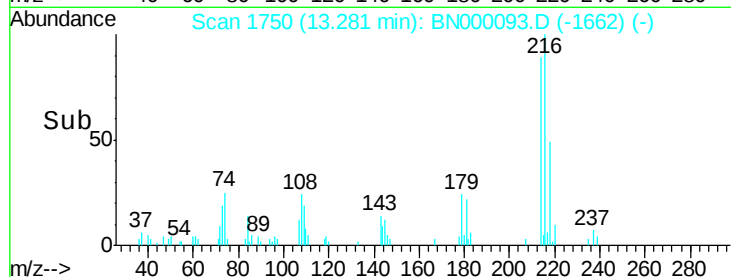
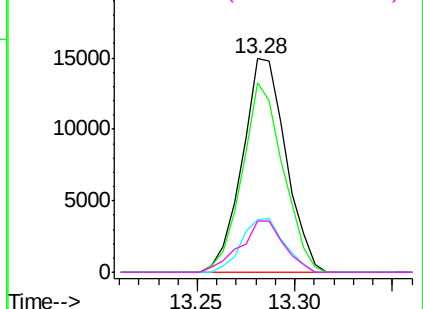


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 0.67 ng

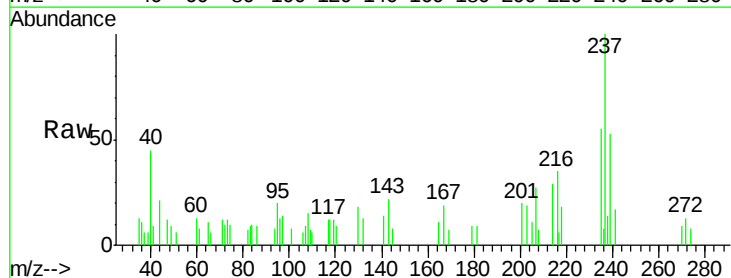
RT: 13.26 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

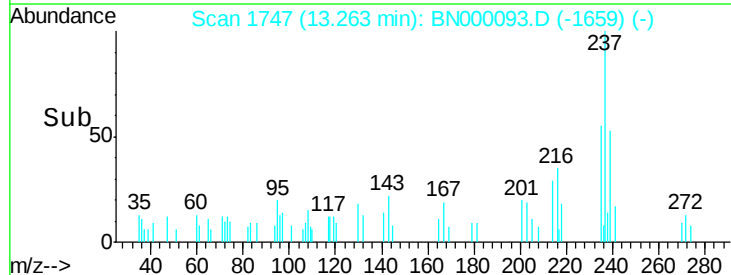
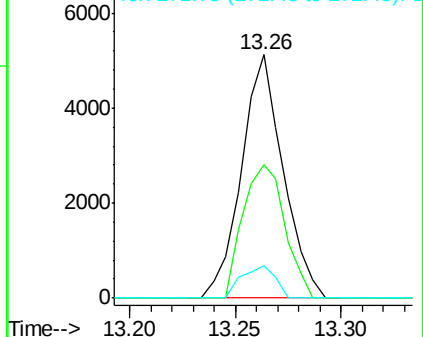
Tgt Ion:	237	Resp:	6995
Ion	Ratio	Lower	Upper
237	100		
235	55.1	50.4	90.4
272	13.2	0.0	31.8

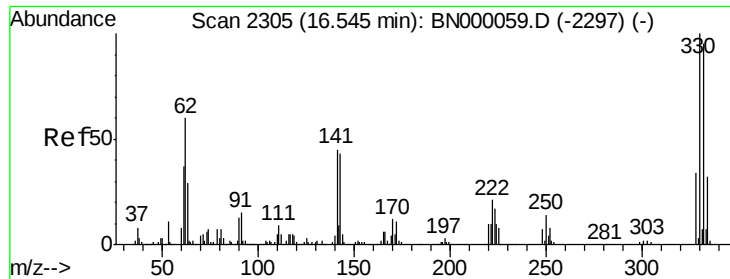


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

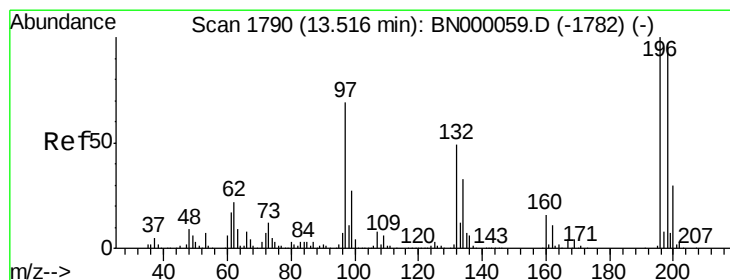
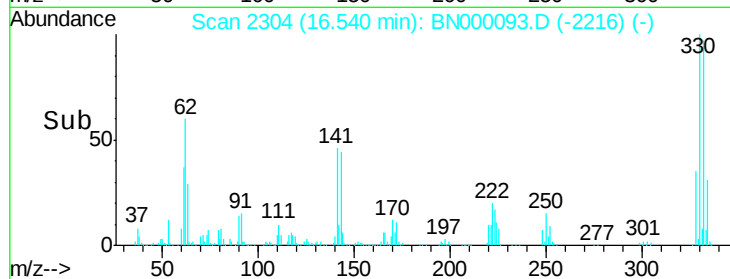
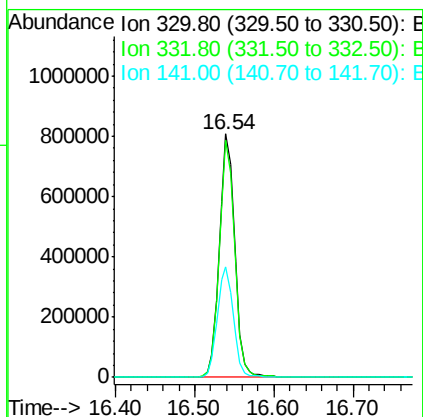
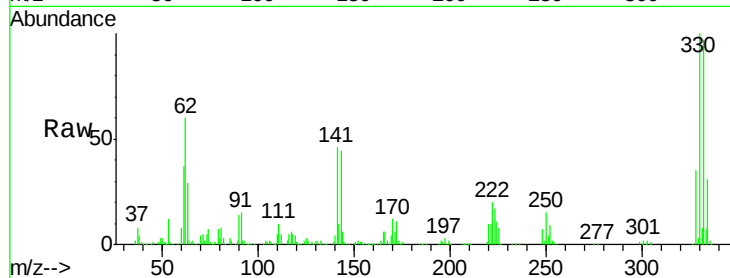




#41
 2,4,6-Tribromophenol
 Concen: 129.02 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BN000093.D
 Acq: 15 Feb 2018 12:58

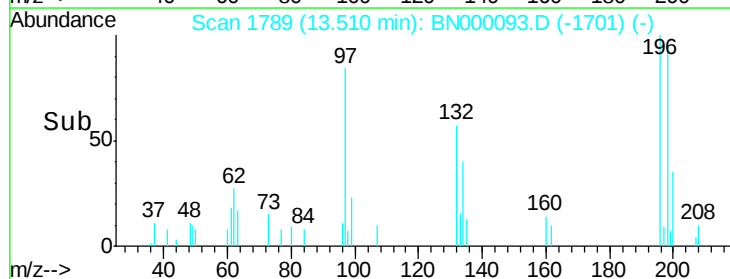
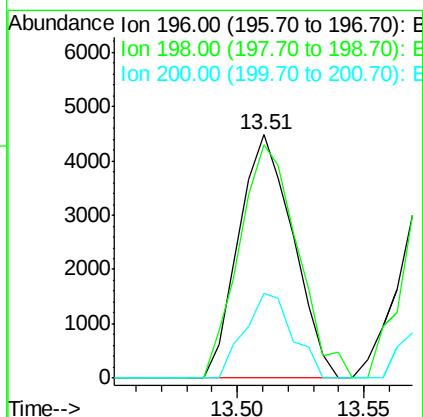
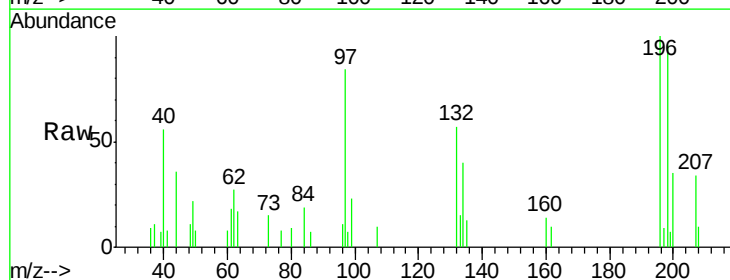
Instrument :
 BNA_N
 ClientSampleId :

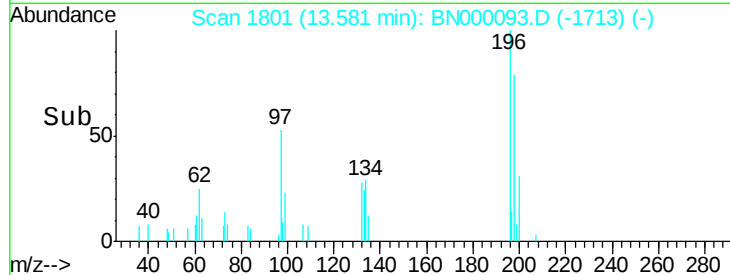
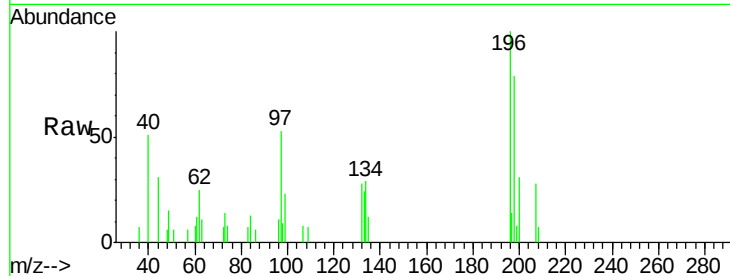
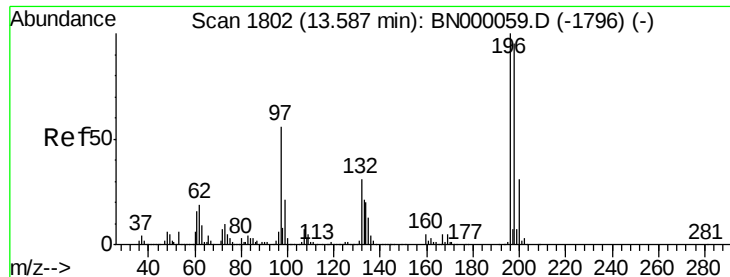
Tot Ion:330 Resp: 1091645
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 47.4 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 0.44 ng
 RT: 13.51 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BN000093.D
 Acq: 15 Feb 2018 12:58

Tgt Ion:196 Resp: 6684
 Ion Ratio Lower Upper
 196 100
 198 95.7 78.2 117.2
 200 34.6 24.6 36.8

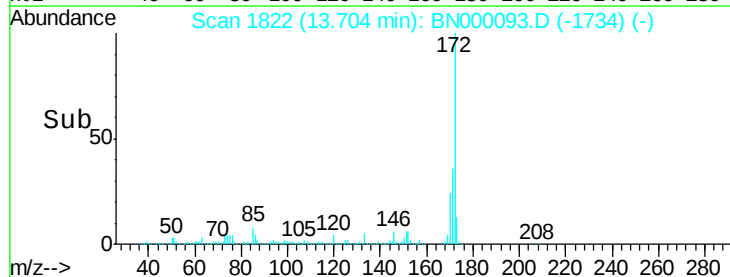
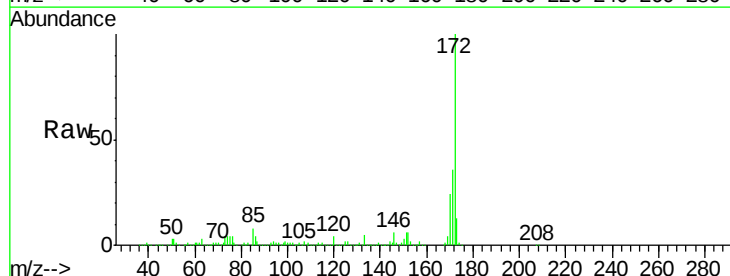
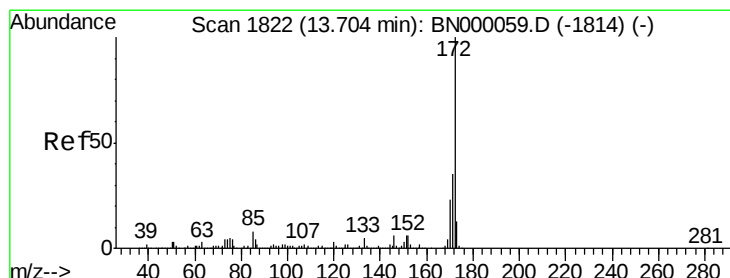
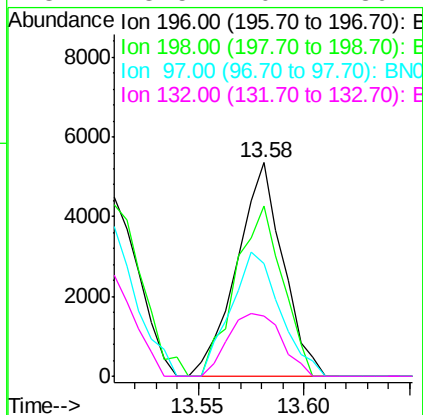




#43
2,4,5-Trichlorophenol
Concen: 0.45 ng
RT: 13.58 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

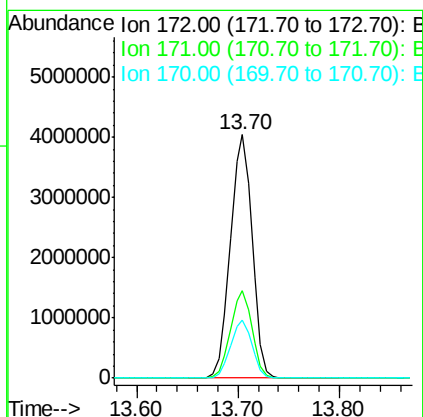
Instrument :
BNA_N
ClientSampleId :

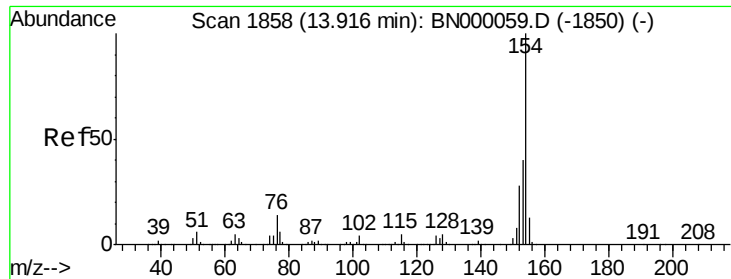
Tot Ion:196 Resp: 8135
Ion Ratio Lower Upper
196 100
198 79.4 76.2 114.4
97 53.0 38.7 58.1
132 28.5 20.2 30.2



#44
2-Fluorobiphenyl
Concen: 99.13 ng
RT: 13.70 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

Tgt Ion:172 Resp: 6011898
Ion Ratio Lower Upper
172 100
171 35.9 30.0 45.0
170 23.9 19.5 29.3

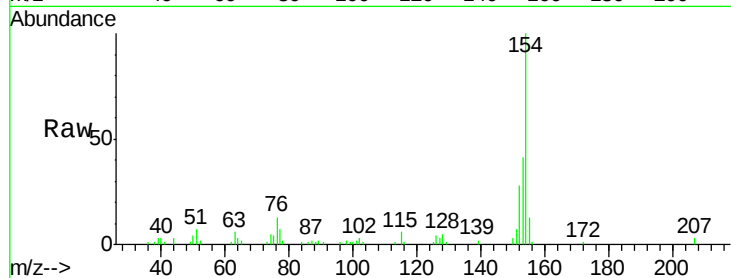




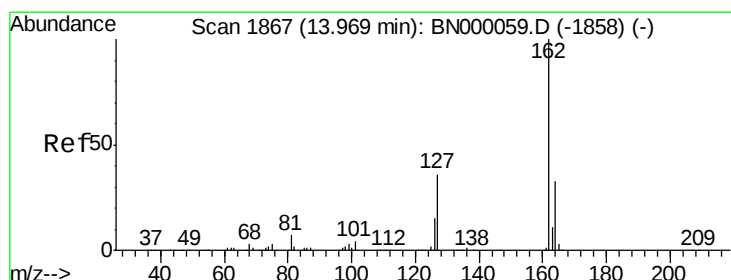
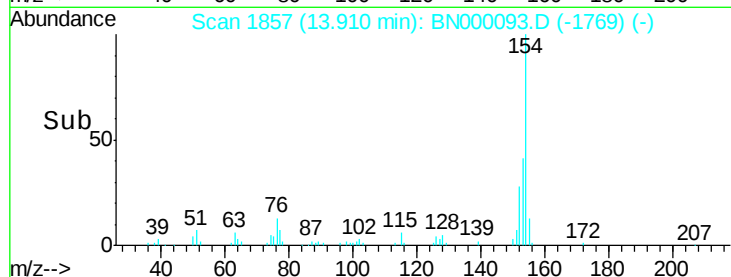
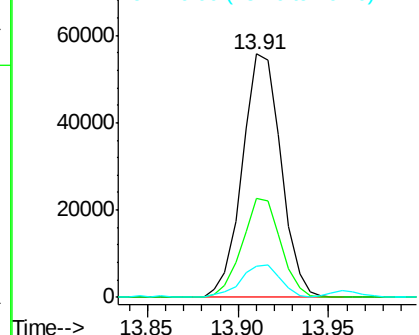
#45
 1,1'-Biphenyl
 Concen: 1.10 ng
 RT: 13.91 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BN000093.D
 Acq: 15 Feb 2018 12:58

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	19.8	59.8
76	13.0	0.0	31.9

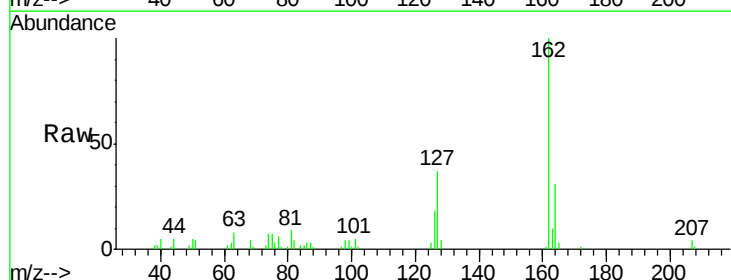


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC

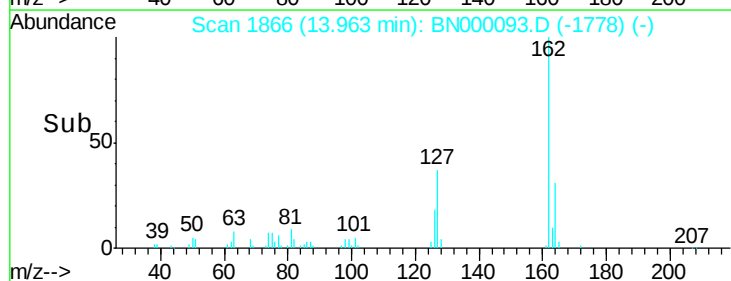
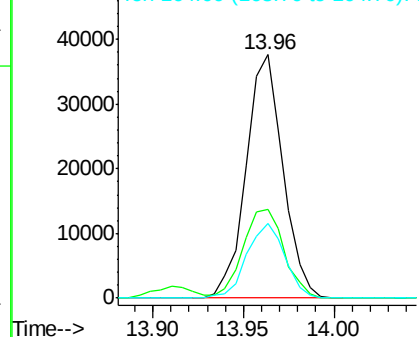


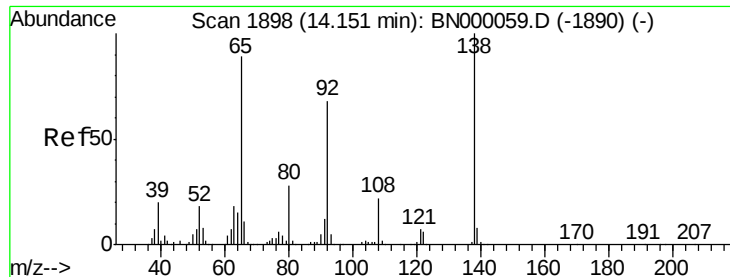
#46
 2-Chloronaphthalene
 Concen: 0.94 ng
 RT: 13.96 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BN000093.D
 Acq: 15 Feb 2018 12:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.6	30.7	46.1
164	30.9	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

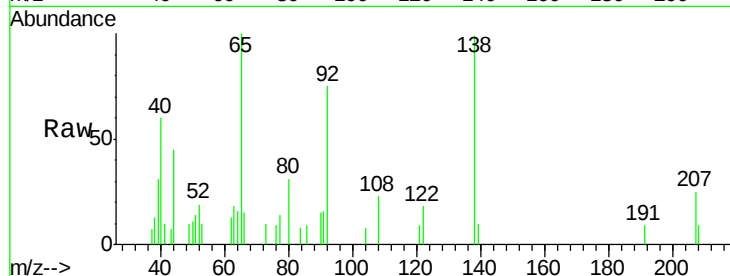




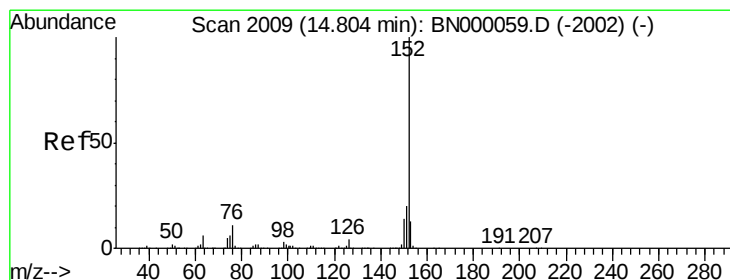
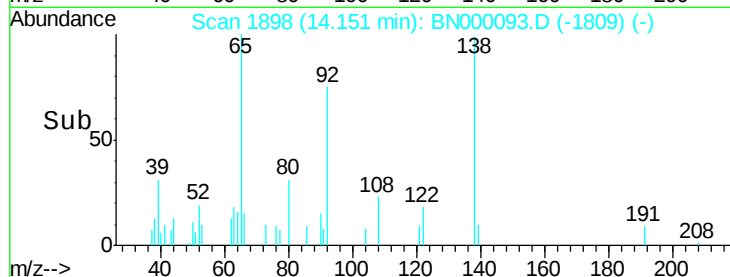
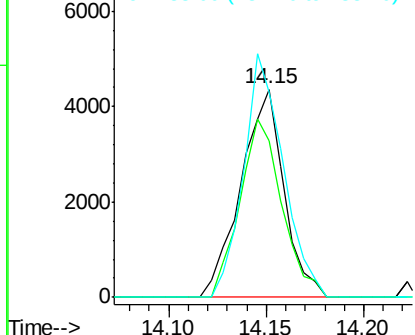
#47
2-Nitroaniline
Concen: 5.24 ng
RT: 14.15 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 65 Resp: 6673
Ion Ratio Lower Upper
65 100
92 75.3 54.6 82.0
138 98.6 72.9 109.3

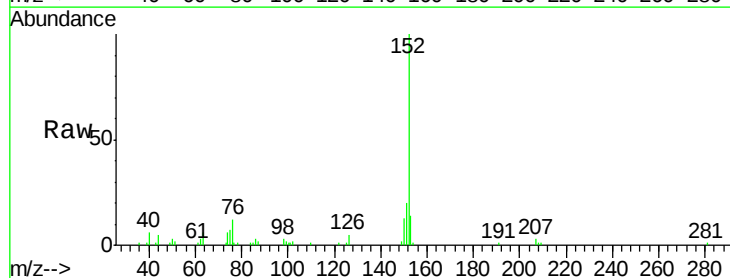


Abundance Ion 65.00 (64.70 to 65.70): BNO
Ion 92.00 (91.70 to 92.70): BNO
Ion 138.00 (137.70 to 138.70): BNO

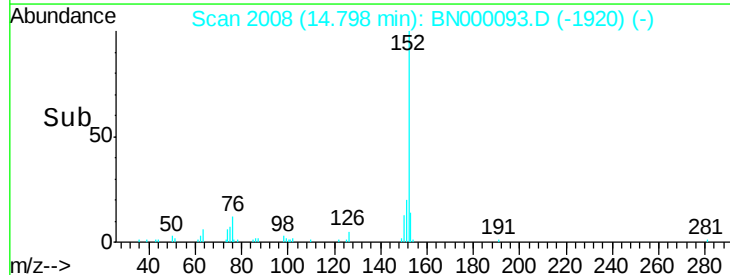
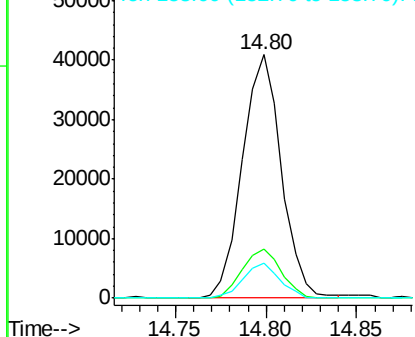


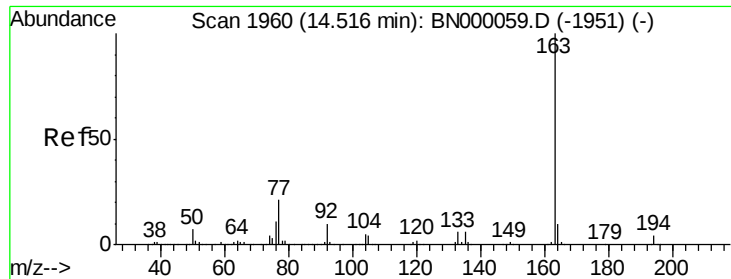
#48
Acenaphthylene
Concen: 0.67 ng
RT: 14.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

Tgt Ion: 152 Resp: 61139
Ion Ratio Lower Upper
152 100
151 20.1 17.2 25.8
153 14.2 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 0.74 ng

RT: 14.50 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BN000093.D

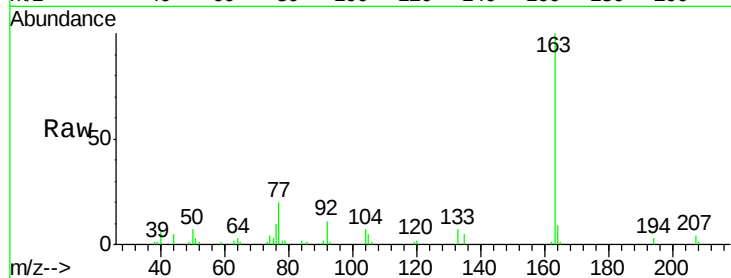
Acq: 15 Feb 2018 12:58

Instrument :

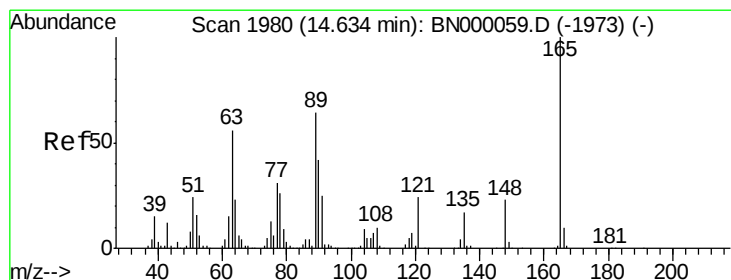
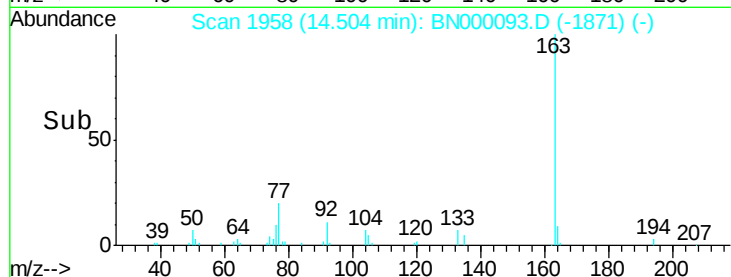
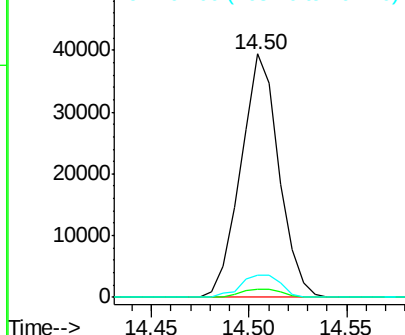
BNA_N

ClientSampleId :

Tot Ion:163	Resp:	53015
Ion Ratio	Lower	Upper
163	100	
194	3.3	3.4 5.2#
164	8.9	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: 0.36 ng

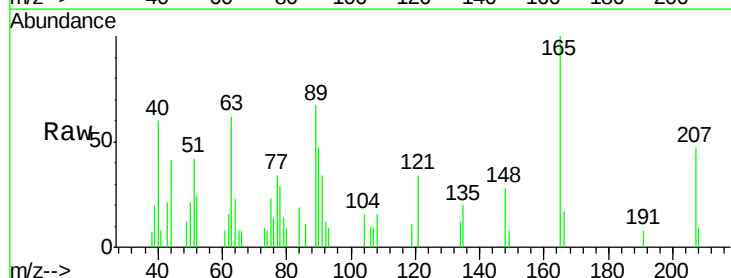
RT: 14.63 min Scan# 1979

Delta R.T. -0.02 min

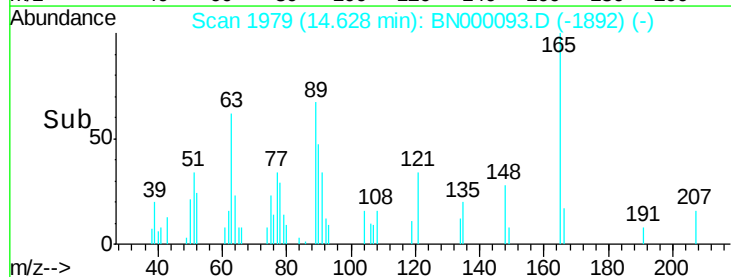
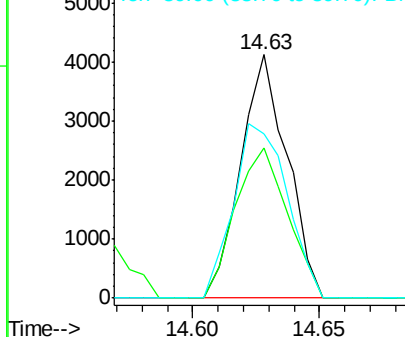
Lab File: BN000093.D

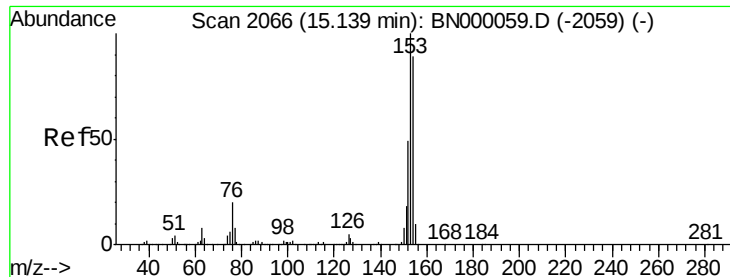
Acq: 15 Feb 2018 12:58

Tgt Ion:165	Resp:	5263
Ion Ratio	Lower	Upper
165	100	
63	61.7	52.7 79.1
89	67.2	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: 0.93 ng

RT: 15.13 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

Instrument :

BNA_N

ClientSampleId :

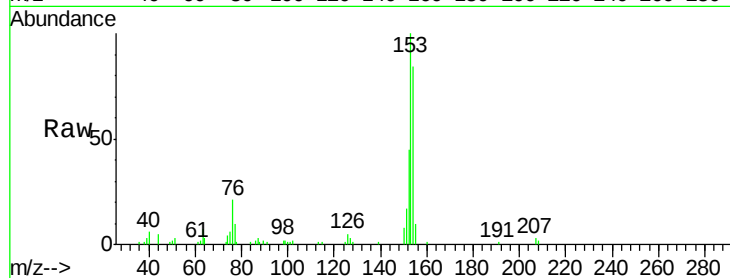
Tot Ion:154 Resp: 54866

Ion Ratio Lower Upper

154 100

153 119.4 90.4 135.6

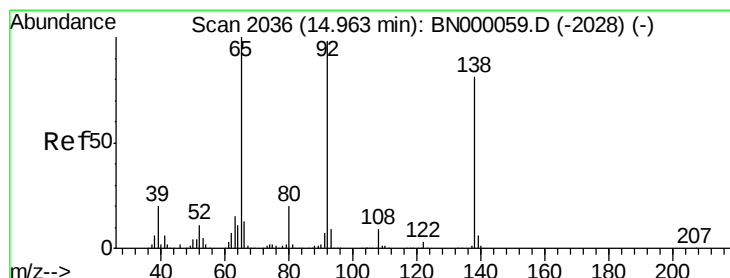
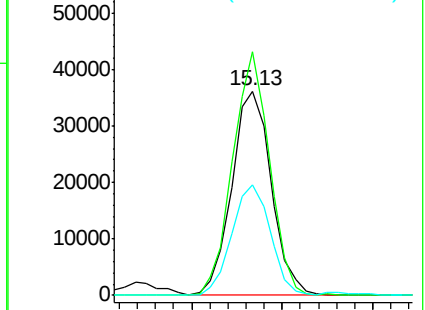
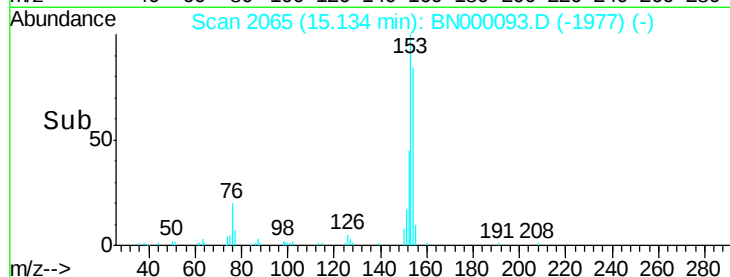
152 54.1 41.6 62.4



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: 0.37 ng

RT: 14.96 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

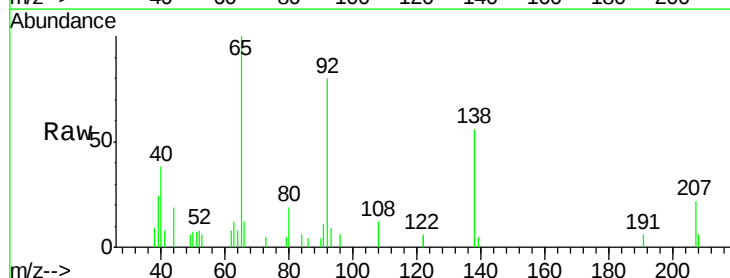
Tgt Ion:138 Resp: 6576

Ion Ratio Lower Upper

138 100

108 21.5 17.5 26.3

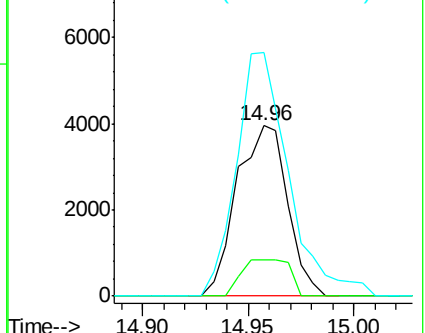
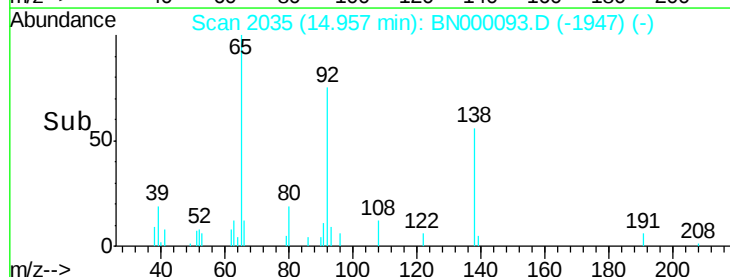
92 142.8 105.8 158.8

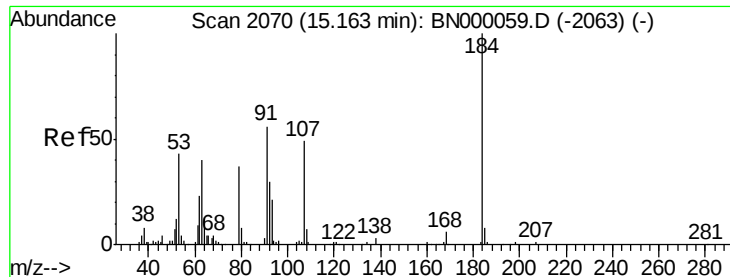


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

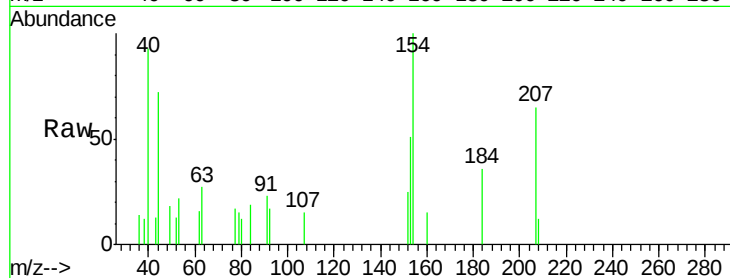




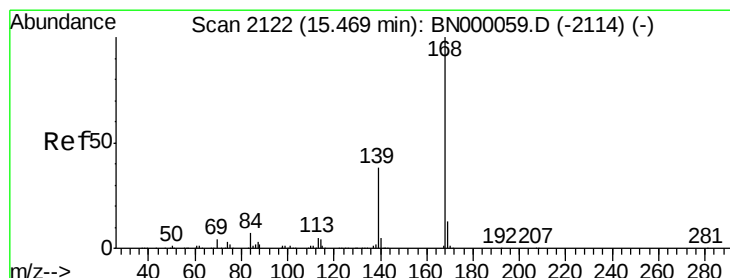
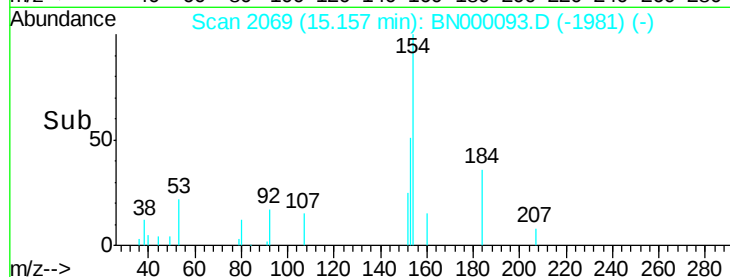
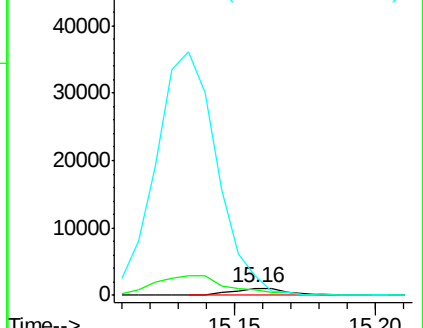
#53
2,4-Dinitrophenol
Concen: 9.46 ng
RT: 15.16 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

Instrument :
BNA_N
ClientSampleId :

Tot Ion:184 Resp: 1402
Ion Ratio Lower Upper
184 100
63 76.1 80.0 120.0#
154 281.4 308.0 462.0#

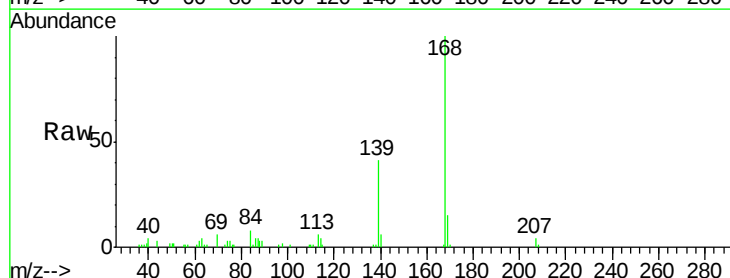


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

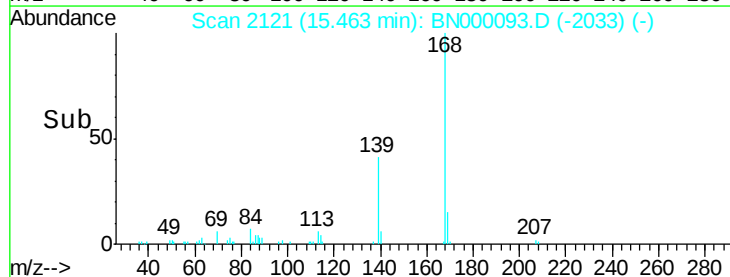
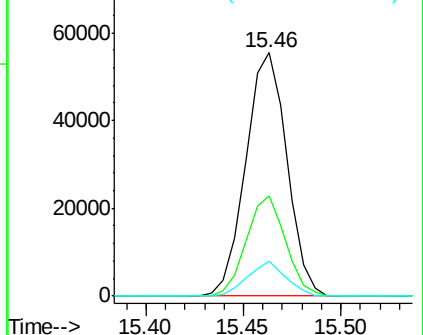


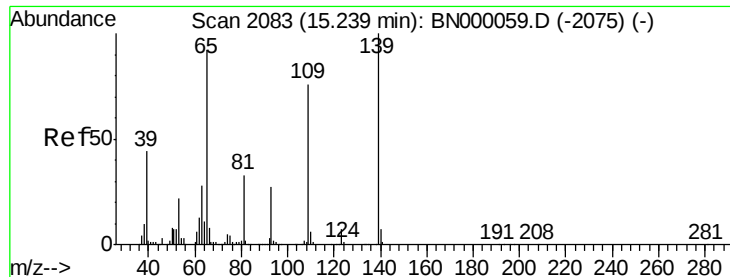
#54
Dibenzofuran
Concen: 0.96 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

Tgt Ion:168 Resp: 80782
Ion Ratio Lower Upper
168 100
139 41.2 28.6 43.0
169 14.5 11.2 16.8



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

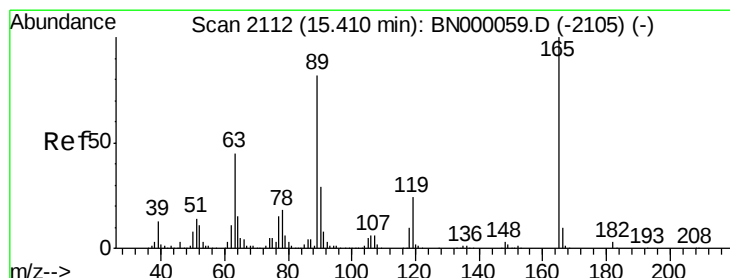
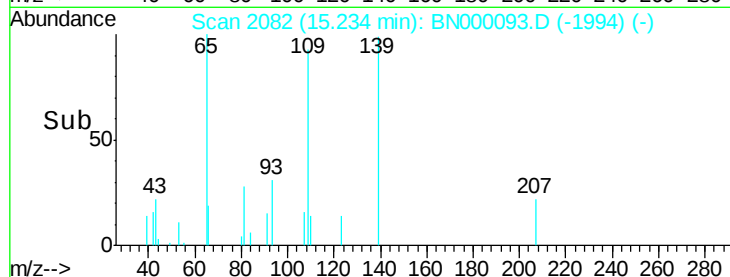
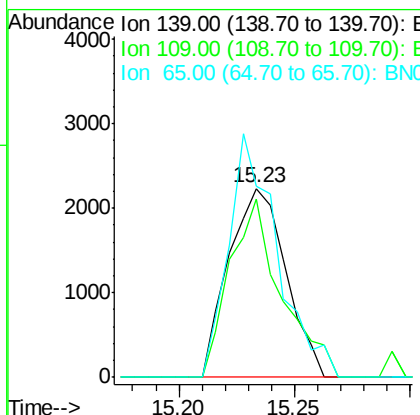
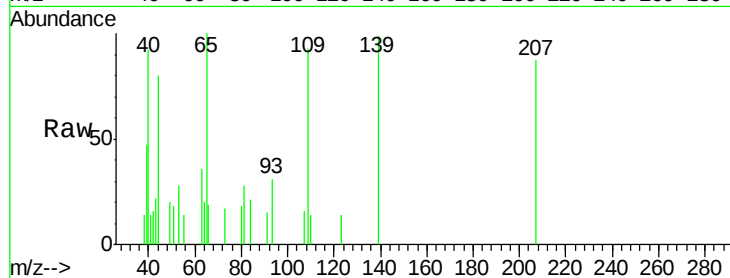




#55
4-Nitrophenol
Concen: 5.22 ng
RT: 15.23 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

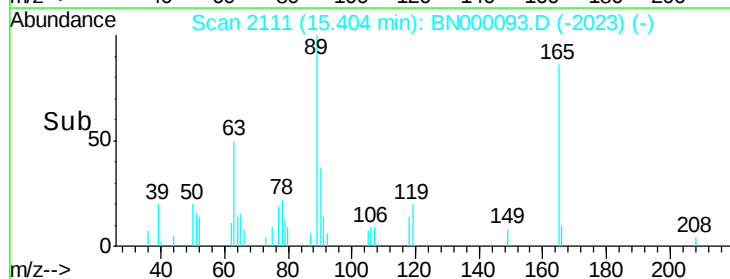
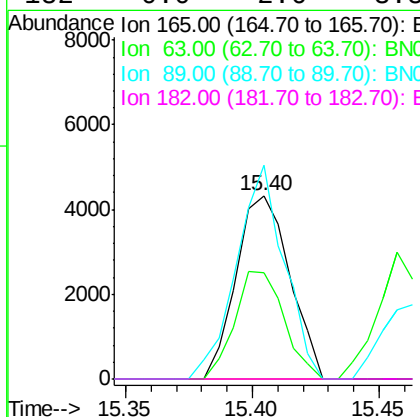
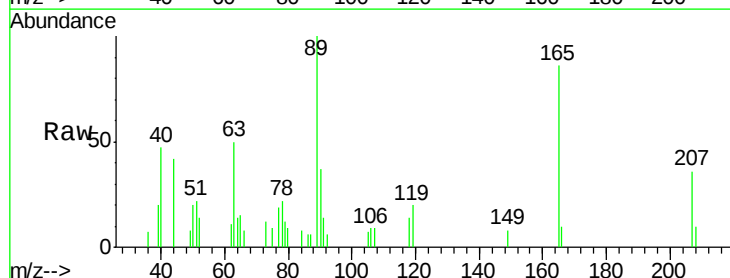
Instrument :
BNA_N
ClientSampleId :

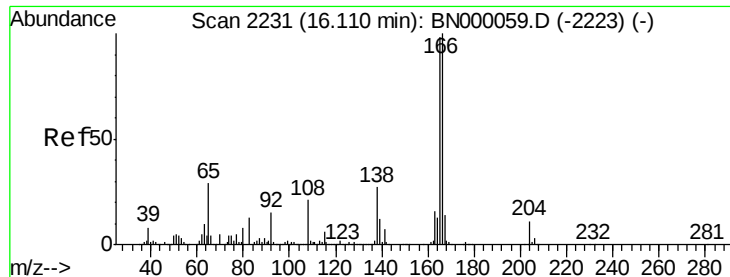
Tot Ion:139 Resp: 3842
Ion Ratio Lower Upper
139 100
109 94.1 62.2 102.2
65 101.3 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 4.46 ng
RT: 15.40 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

Tgt Ion:165 Resp: 6371
Ion Ratio Lower Upper
165 100
63 58.3 42.0 63.0
89 116.6 66.9 100.3#
182 0.0 2.6 3.8#

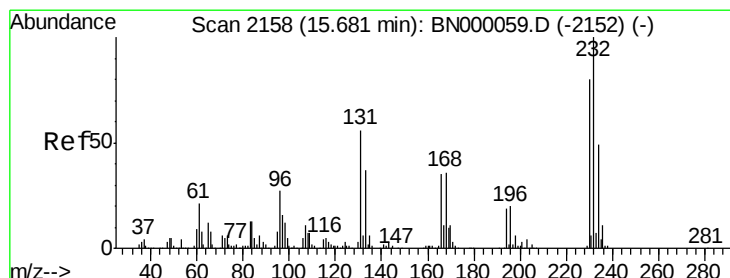
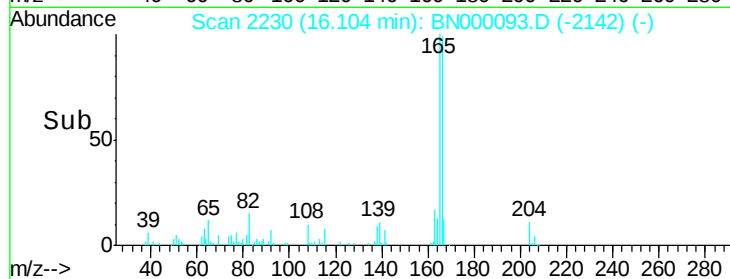
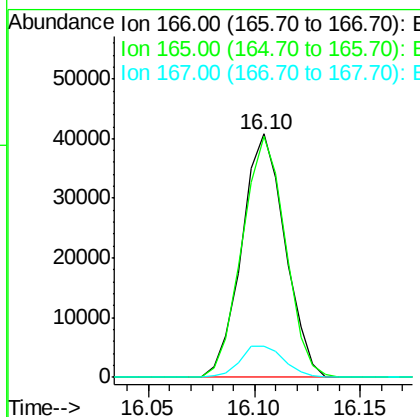
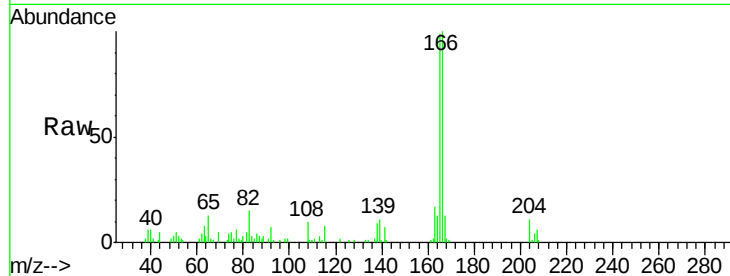




#57
 Fluorene
 Concen: 0.85 ng
 RT: 16.10 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BN000093.D
 Acq: 15 Feb 2018 12:58

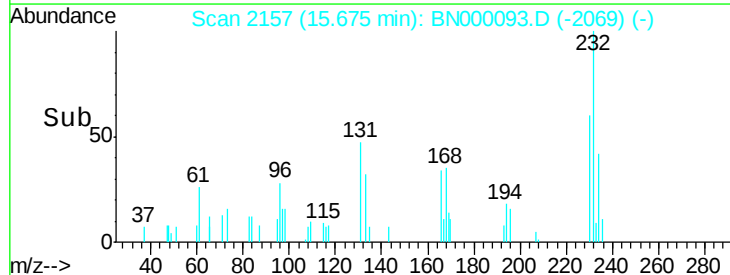
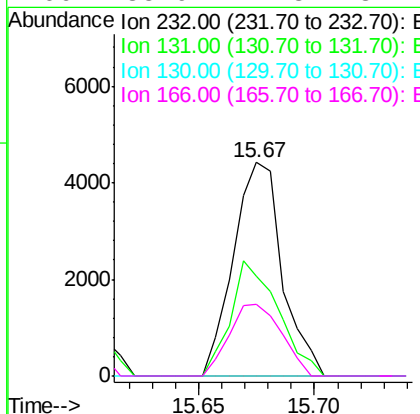
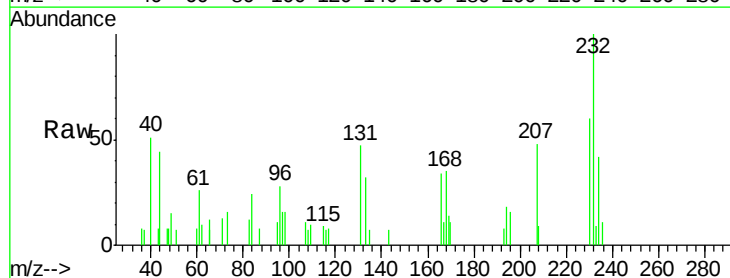
Instrument :
 BNA_N
 ClientSampleId :

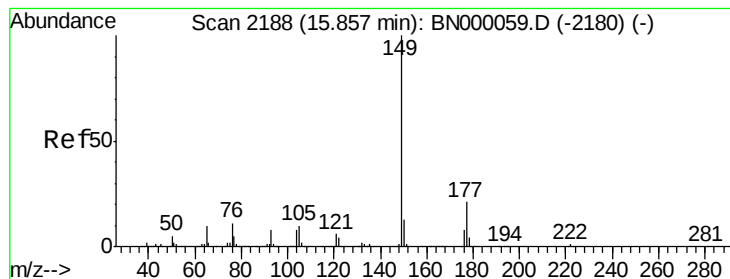
Tot Ion:166 Resp: 58264
 Ion Ratio Lower Upper
 166 100
 165 98.9 80.6 121.0
 167 12.8 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.45 ng
 RT: 15.67 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BN000093.D
 Acq: 15 Feb 2018 12:58

Tgt Ion:232 Resp: 6496
 Ion Ratio Lower Upper
 232 100
 131 52.7 33.5 50.3#
 130 0.0 2.2 3.2#
 166 35.9 24.8 37.2





#59

Diethylphthalate

Concen: 0.66 ng

RT: 15.85 min Scan# 2187

Delta R.T. -0.02 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

Instrument :

BNA_N

ClientSampled :

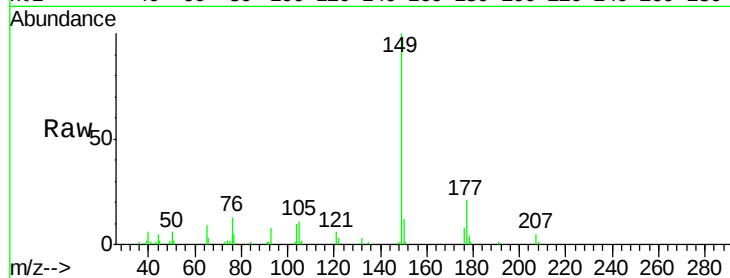
Tot Ion:149 Resp: 47679

Ion Ratio Lower Upper

149 100

177 20.9 18.5 27.7

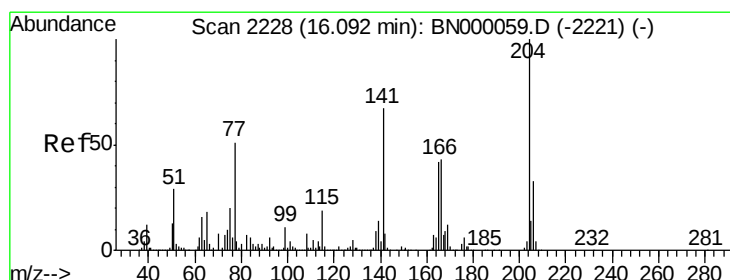
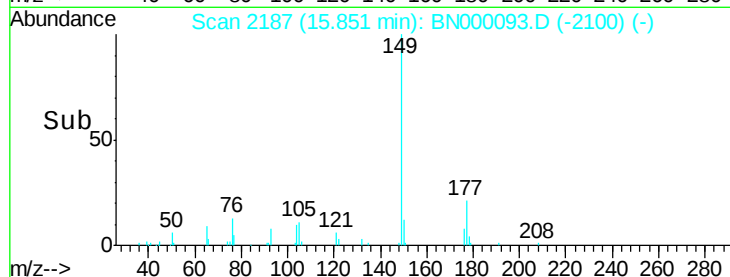
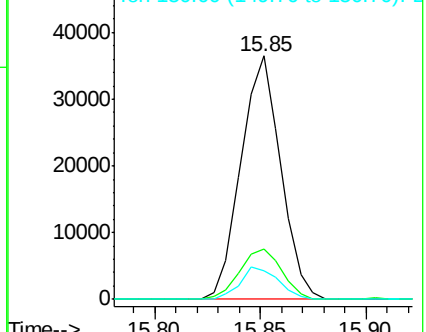
150 11.5 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 0.93 ng

RT: 16.09 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

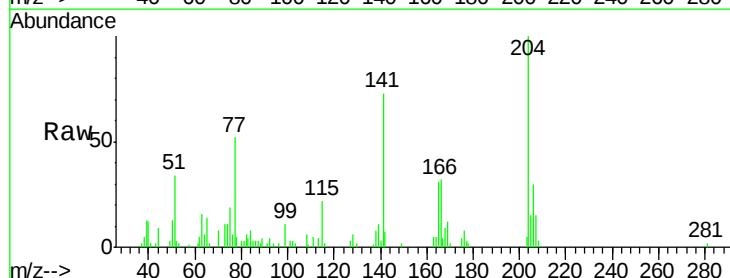
Tgt Ion:204 Resp: 29172

Ion Ratio Lower Upper

204 100

206 30.1 26.2 39.2

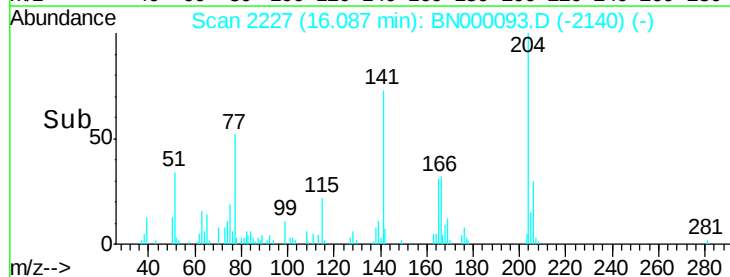
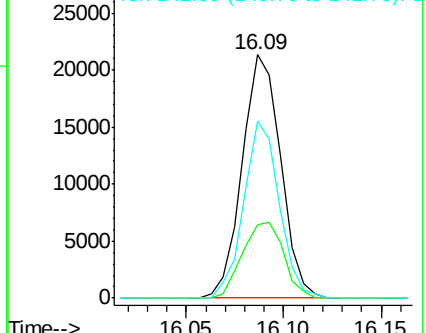
141 72.9 45.8 68.6#

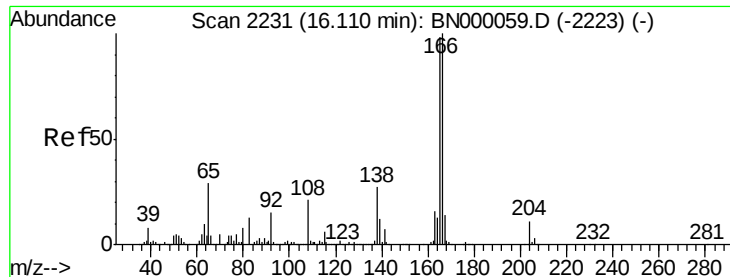


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

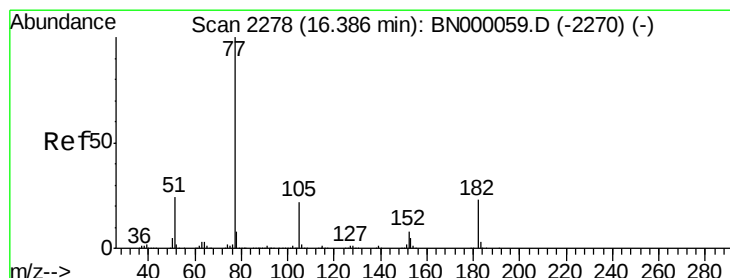
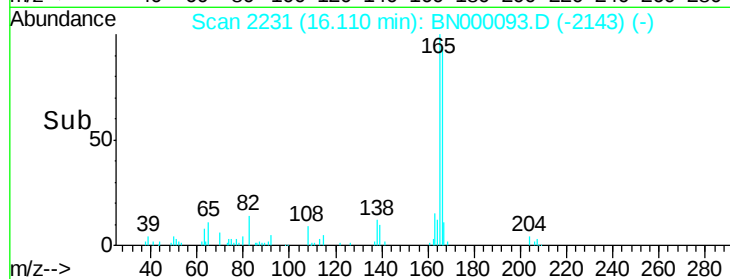
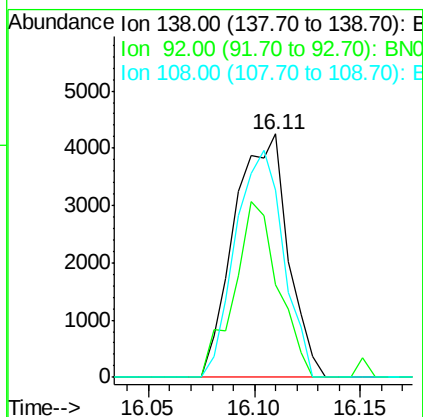
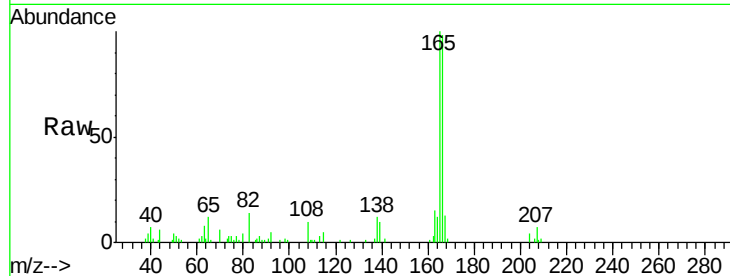




#61
4-Nitroaniline
Concen: 0.41 ng
RT: 16.11 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

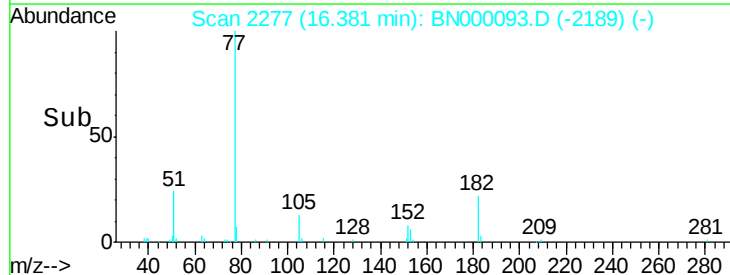
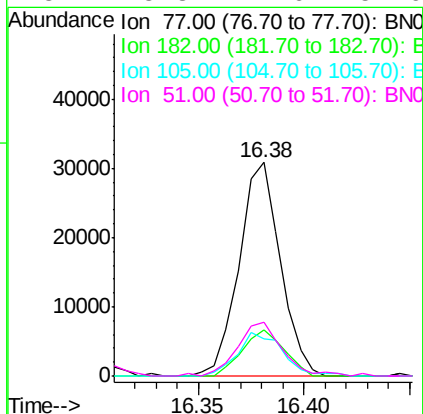
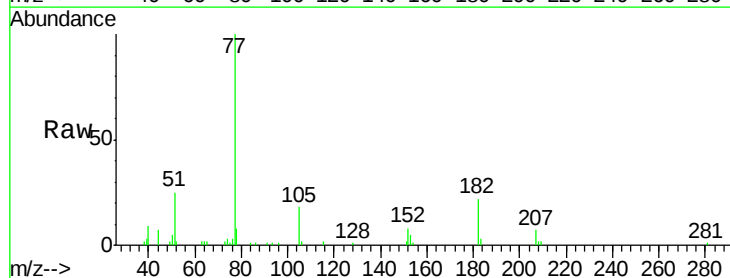
Instrument :
BNA_N
ClientSampled :

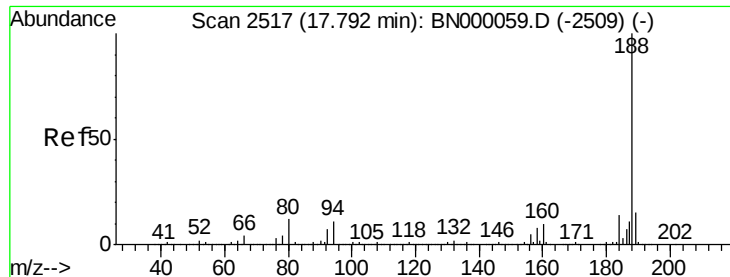
Tot Ion:138 Resp: 7463
Ion Ratio Lower Upper
138 100
92 38.0 40.1 80.1#
108 76.8 65.4 105.4



#62
Azobenzene
Concen: 0.58 ng
RT: 16.38 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

Tgt Ion: 77 Resp: 41869
Ion Ratio Lower Upper
77 100
182 21.8 7.4 47.4
105 17.6 0.3 40.3
51 25.3 11.6 51.6

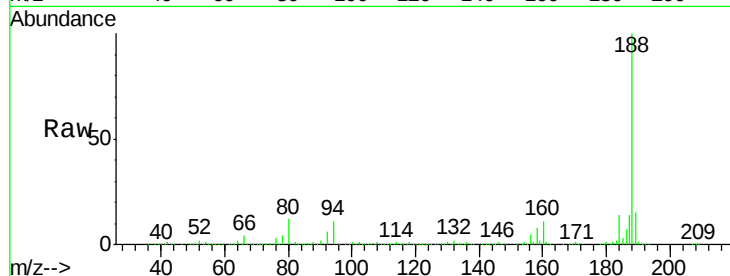




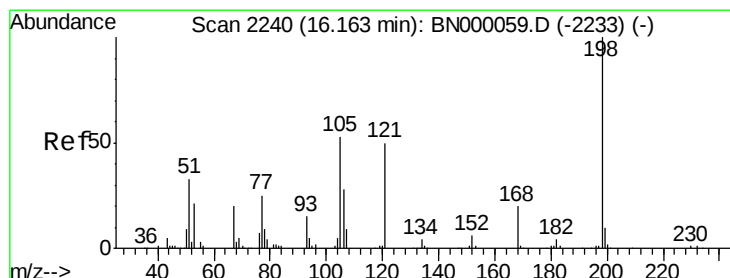
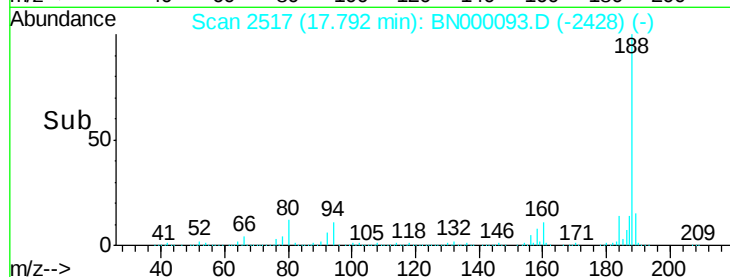
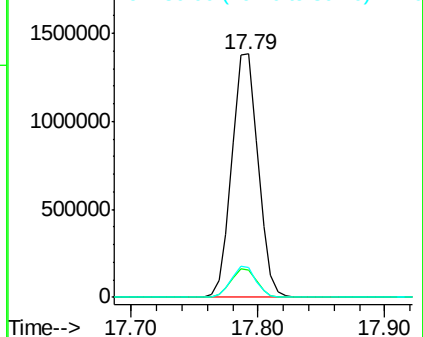
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.79 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

Instrument :
BNA_N
ClientSampleId :

Tot Ion:188 Resp: 1974549
Ion Ratio Lower Upper
188 100
94 11.4 6.9 10.3#
80 12.2 7.7 11.5#

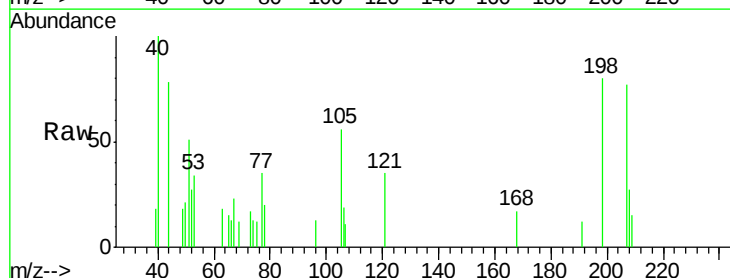


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

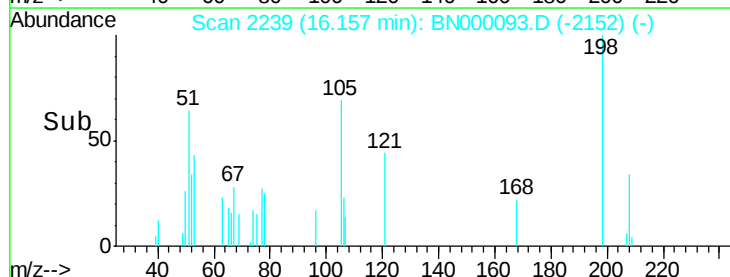
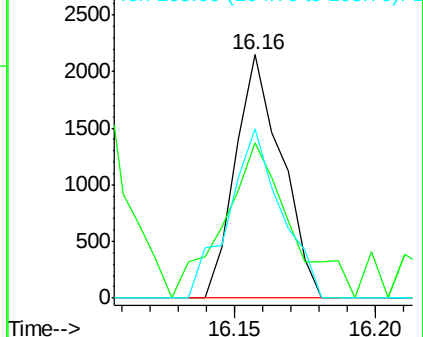


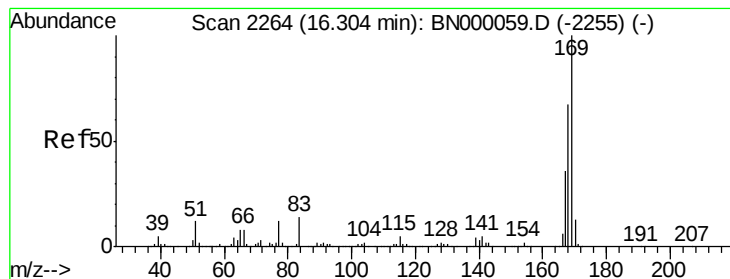
#64
4,6-Dinitro-2-methylphenol
Concen: 8.92 ng
RT: 16.16 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

Tgt Ion:198 Resp: 2443
Ion Ratio Lower Upper
198 100
51 64.0 30.6 70.6
105 69.3 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: 0.66 ng

RT: 16.30 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

Instrument :

BNA_N

ClientSampleId :

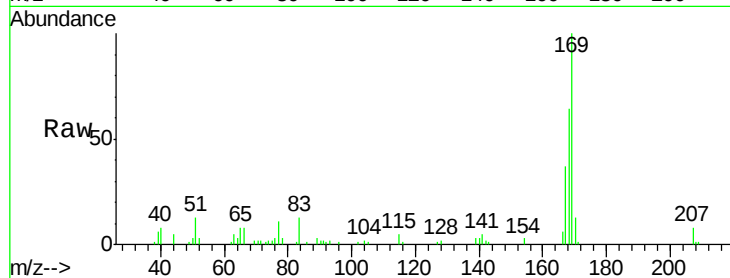
Tot Ion:169 Resp: 42368

Ion Ratio Lower Upper

169 100

168 63.5 55.7 83.5

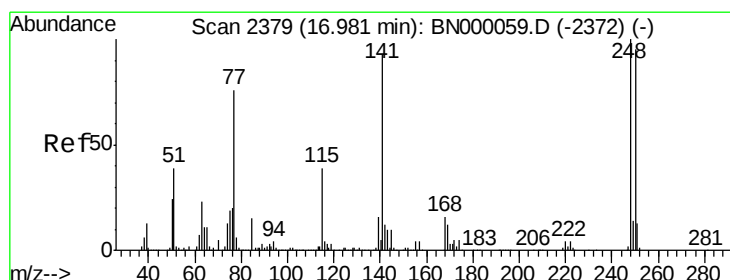
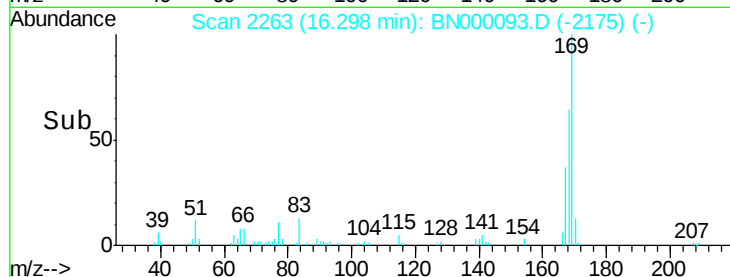
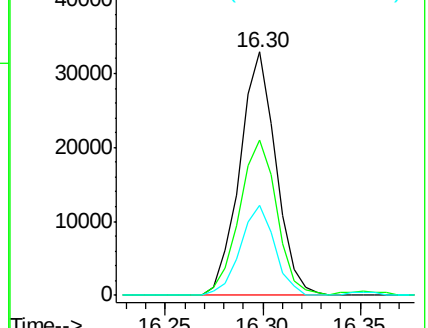
167 36.9 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 0.85 ng

RT: 16.97 min Scan# 2378

Delta R.T. -0.02 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

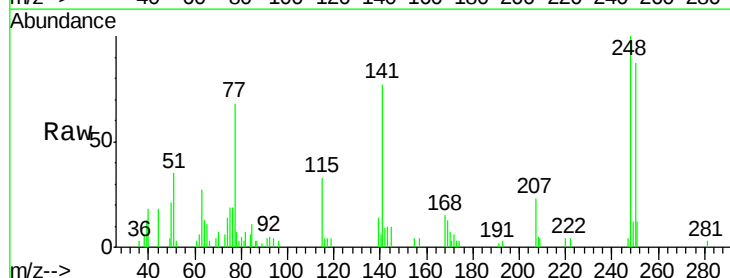
Tgt Ion:248 Resp: 16001

Ion Ratio Lower Upper

248 100

250 87.0 77.1 115.7

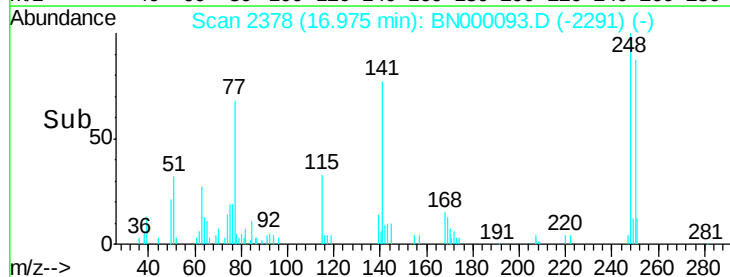
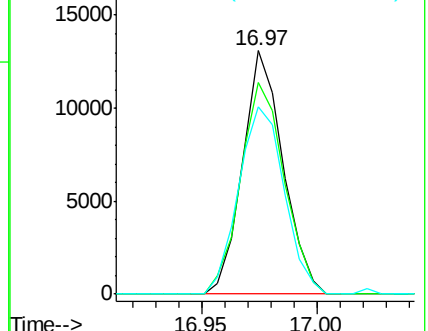
141 77.1 50.8 76.2#

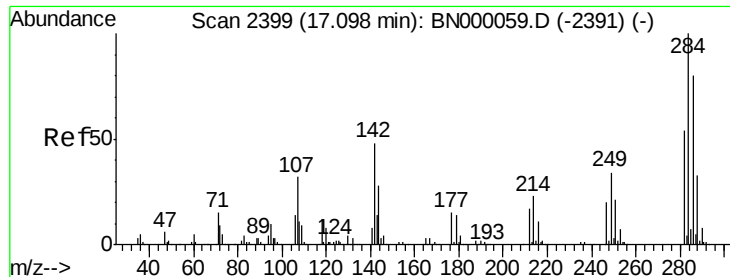


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

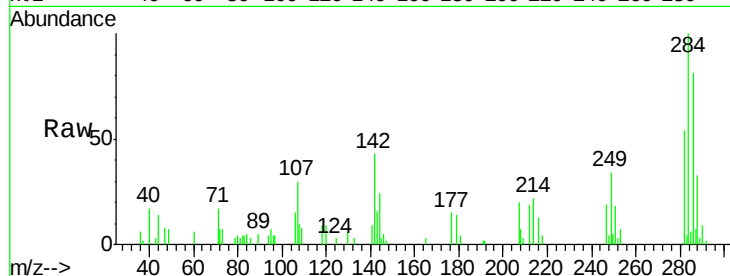




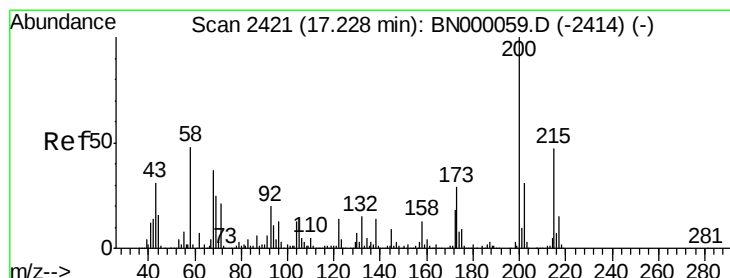
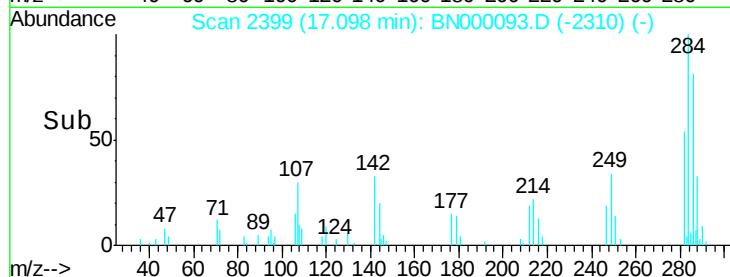
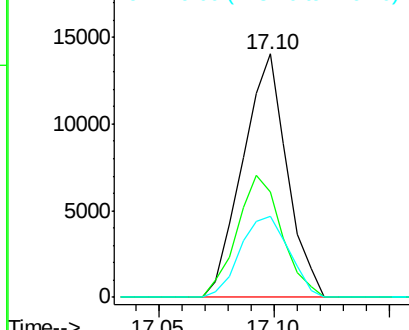
#67
Hexachlorobenzene
Concen: 0.86 ng
RT: 17.10 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

Instrument :
BNA_N
ClientSampled :

Tot Ion:284 Resp: 18791
Ion Ratio Lower Upper
284 100
142 43.4 26.8 40.2#
249 33.5 26.3 39.5

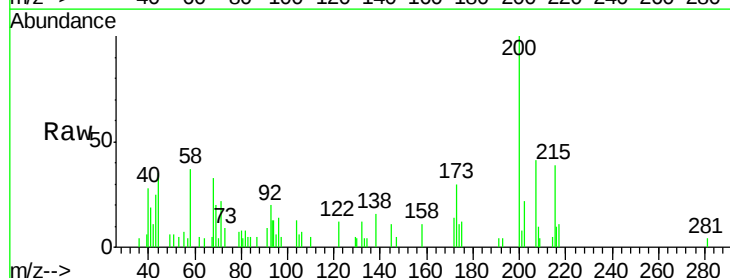


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

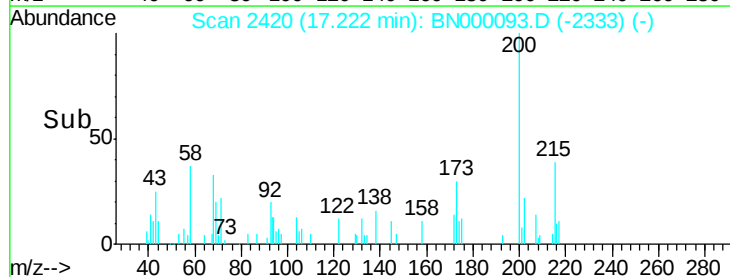
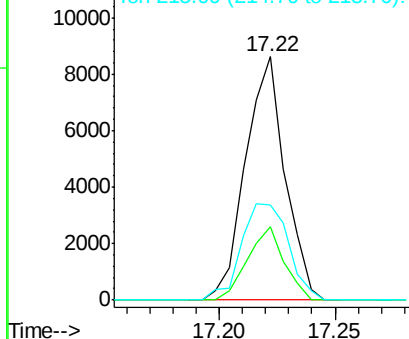


#68
Atrazine
Concen: 0.49 ng
RT: 17.22 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

Tgt Ion:200 Resp: 10314
Ion Ratio Lower Upper
200 100
173 30.3 5.2 45.2
215 38.9 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: 6.16 ng

RT: 17.43 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

Instrument :

BNA_N

ClientSampled :

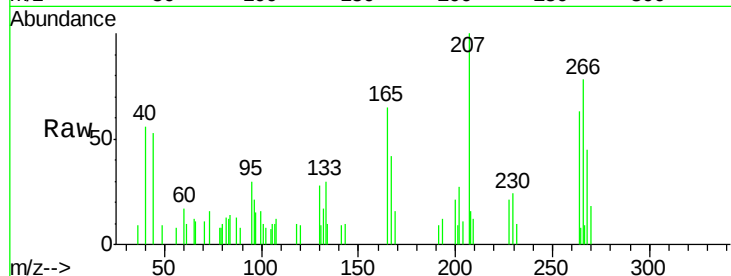
Tot Ion:266 Resp: 5402

Ion Ratio Lower Upper

266 100

268 57.4 51.1 76.7

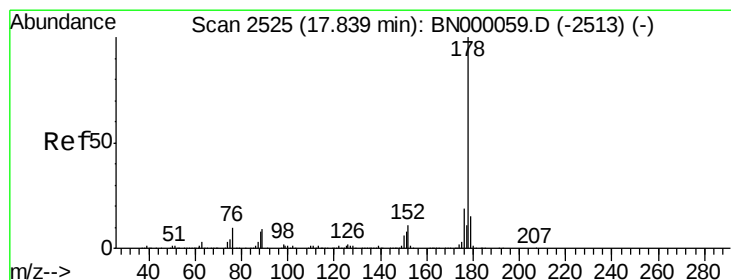
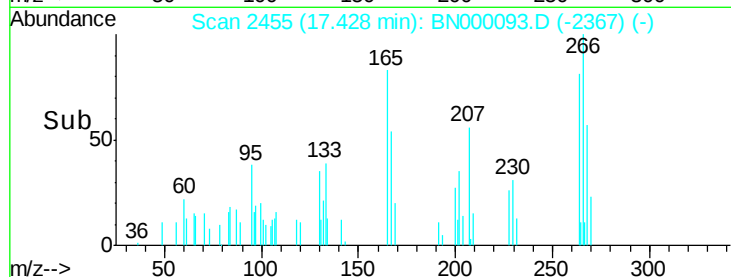
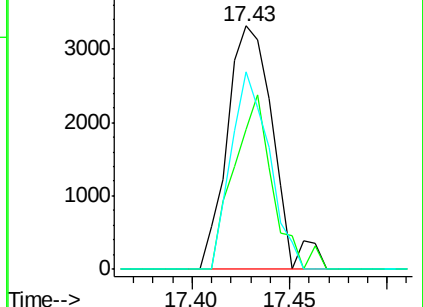
264 81.1 49.6 74.4#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 0.96 ng

RT: 17.83 min Scan# 2524

Delta R.T. -0.01 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

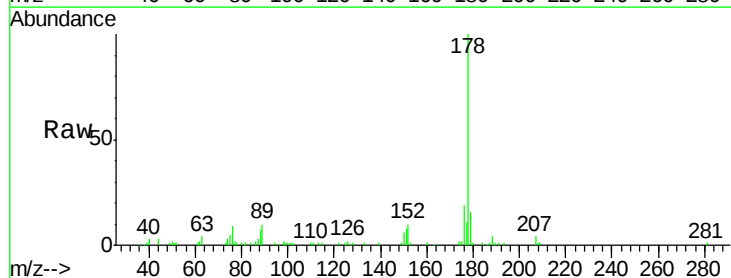
Tgt Ion:178 Resp: 112210

Ion Ratio Lower Upper

178 100

176 18.6 15.7 23.5

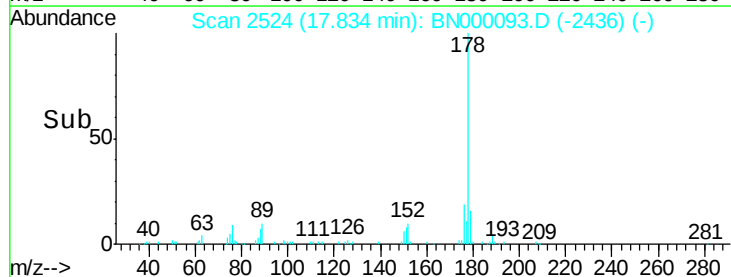
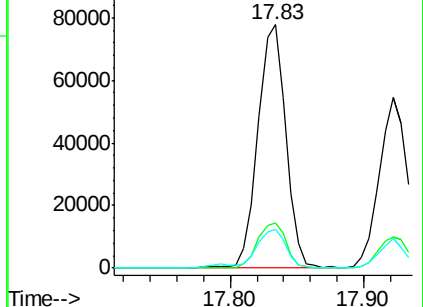
179 16.1 12.5 18.7

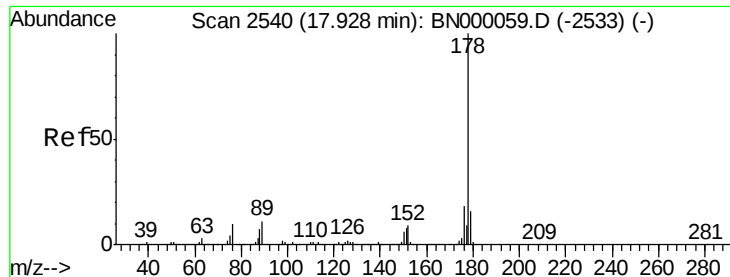


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

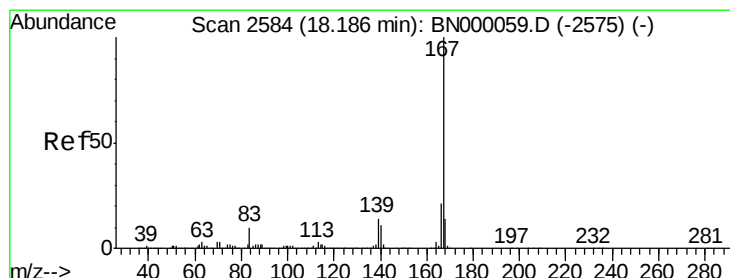
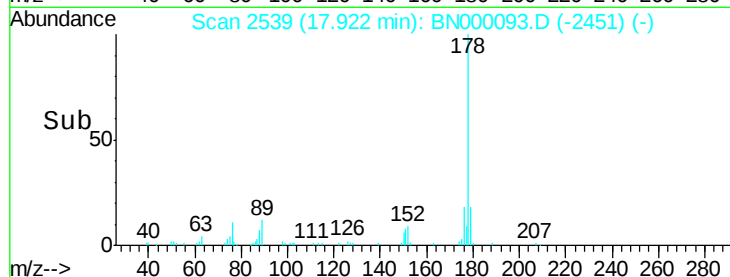
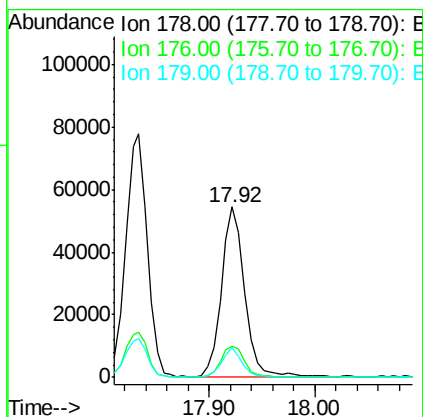
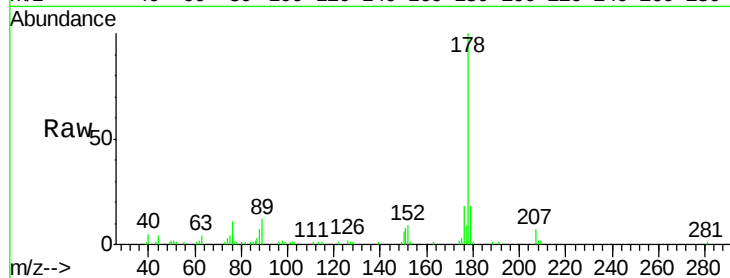




#71
 Anthracene
 Concen: 0.75 ng
 RT: 17.92 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BN000093.D
 Acq: 15 Feb 2018 12:58

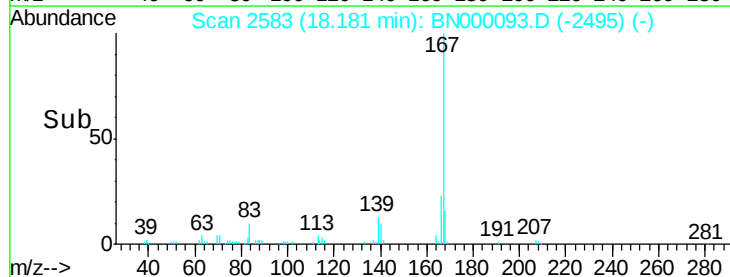
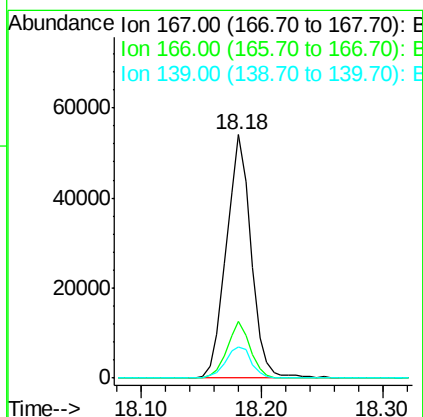
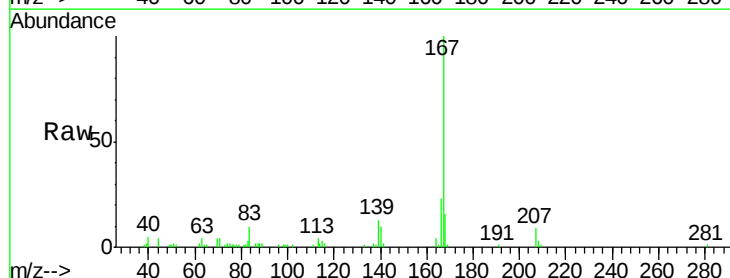
Instrument :
 BNA_N
 ClientSampled :

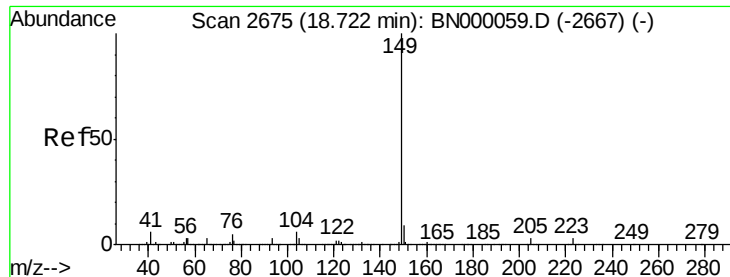
Tot Ion:178 Resp: 84161
 Ion Ratio Lower Upper
 178 100
 176 18.3 16.0 24.0
 179 17.7 12.5 18.7



#72
 Carbazole
 Concen: 0.68 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BN000093.D
 Acq: 15 Feb 2018 12:58

Tgt Ion:167 Resp: 76925
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.2 27.4
 139 12.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 0.45 ng

RT: 18.71 min Scan# 2673

Delta R.T. -0.02 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

Instrument :

BNA_N

ClientSampleId :

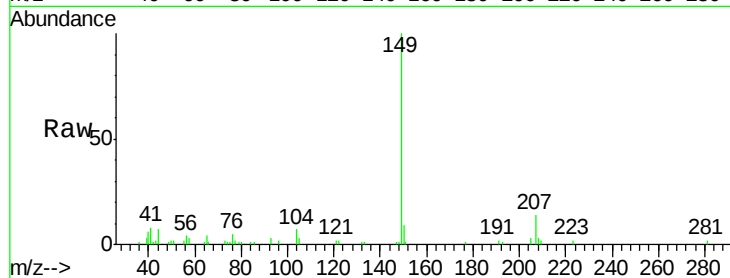
Tot Ion:149 Resp: 56223

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

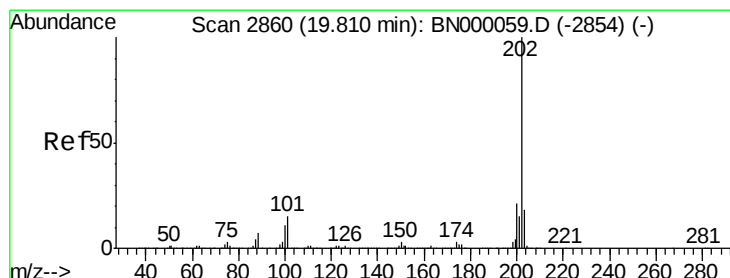
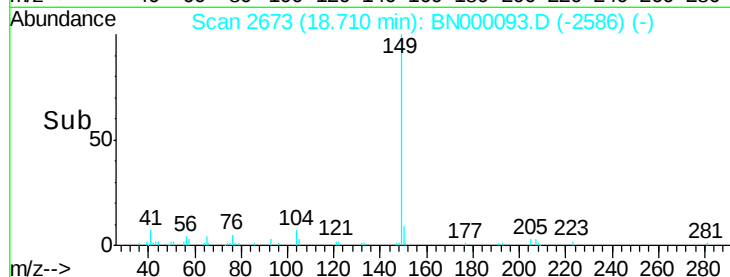
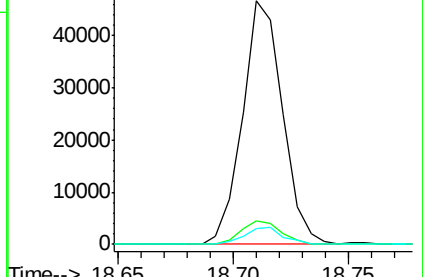
104 6.5 3.9 5.9#



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: 0.78 ng

RT: 19.81 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

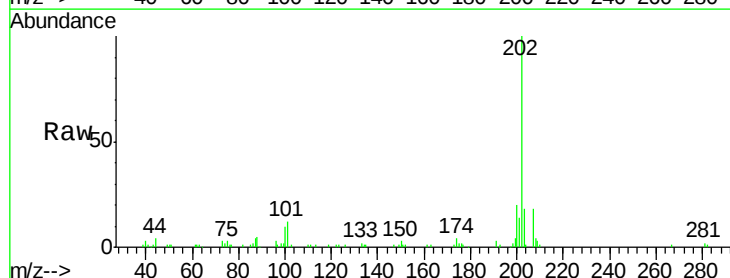
Tgt Ion:202 Resp: 95130

Ion Ratio Lower Upper

202 100

101 12.3 0.0 28.9

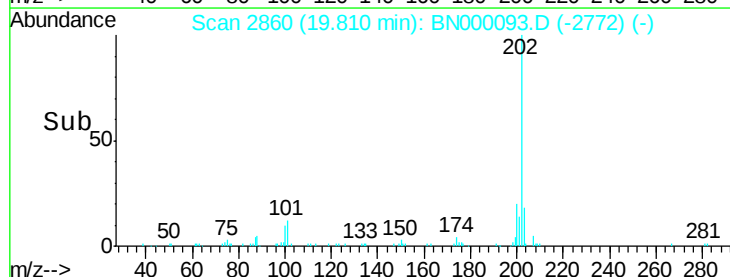
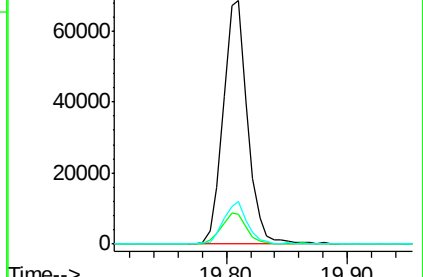
203 17.6 0.0 37.5

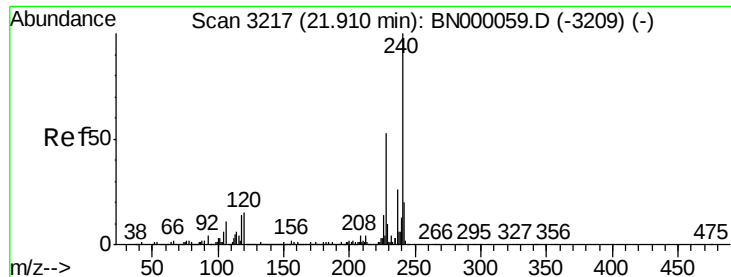


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3216

Delta R.T. -0.02 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

Instrument :

BNA_N

ClientSampleId :

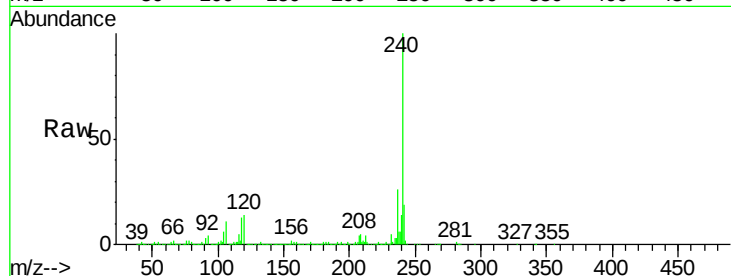
Tot Ion:240 Resp: 2223634

Ion Ratio Lower Upper

240 100

120 14.5 6.8 10.2#

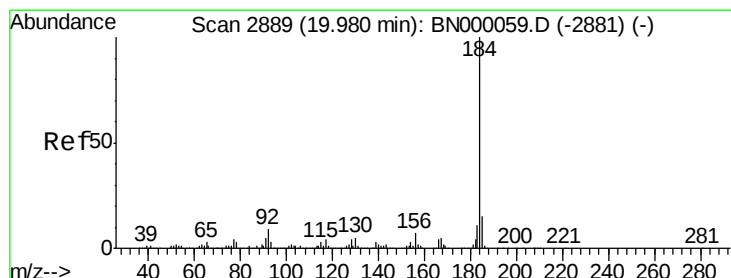
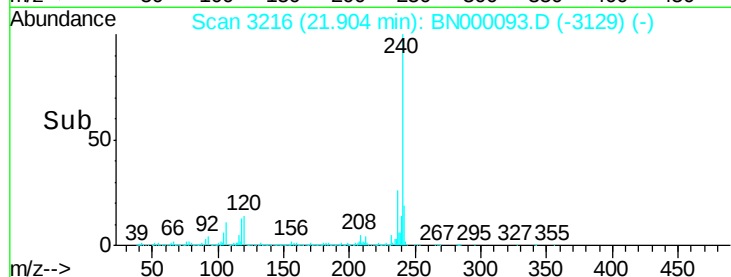
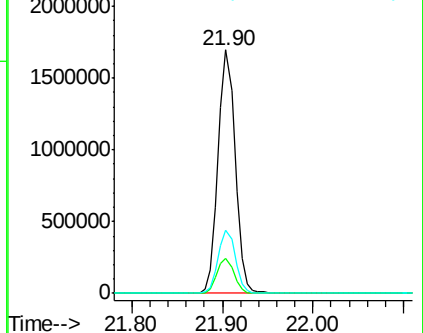
236 26.2 20.9 31.3



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: 0.26 ng

RT: 19.97 min Scan# 2888

Delta R.T. -0.01 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

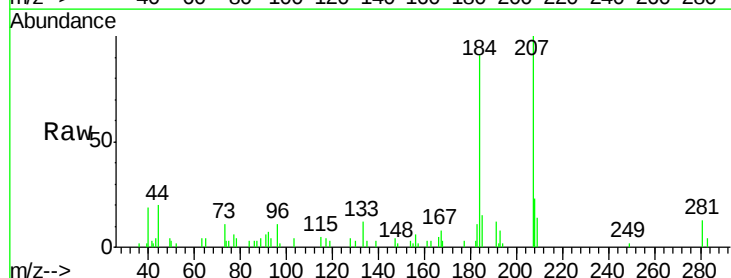
Tgt Ion:184 Resp: 18171

Ion Ratio Lower Upper

184 100

185 16.1 11.1 16.7

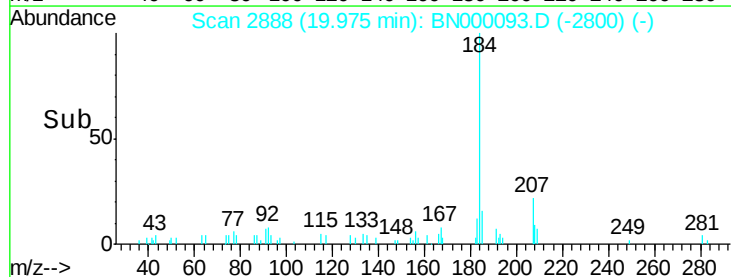
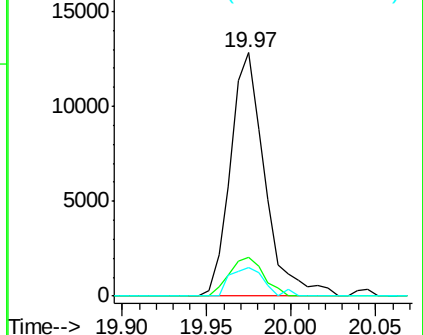
183 11.9 10.6 16.0

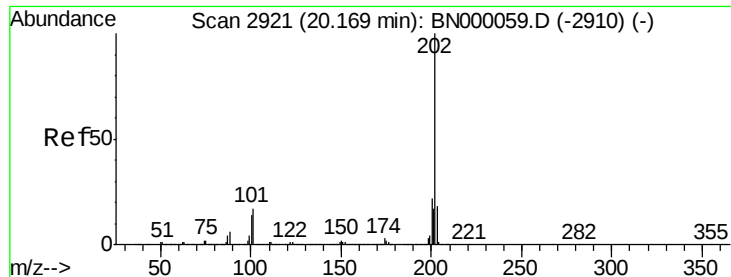


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

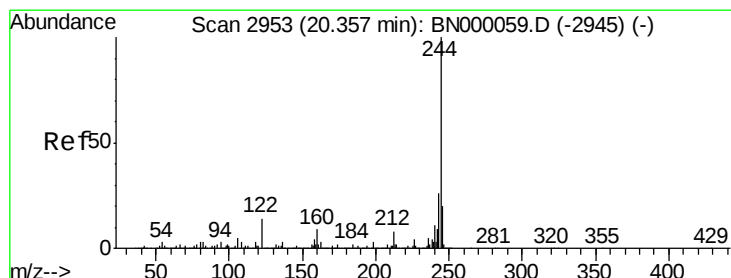
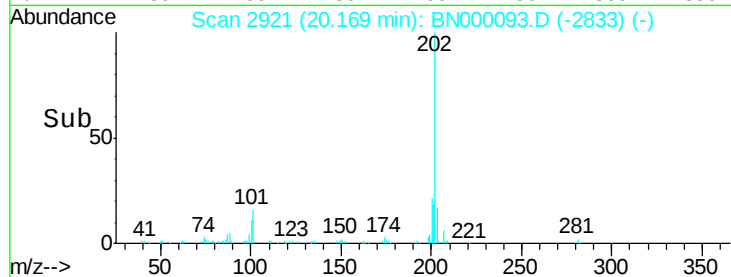
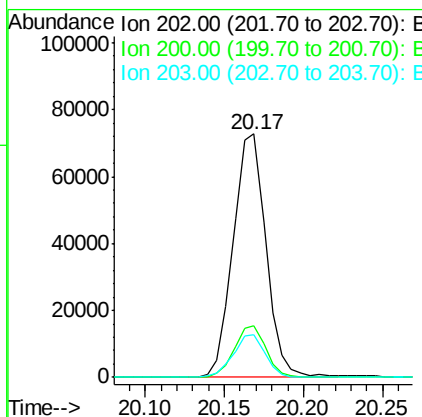
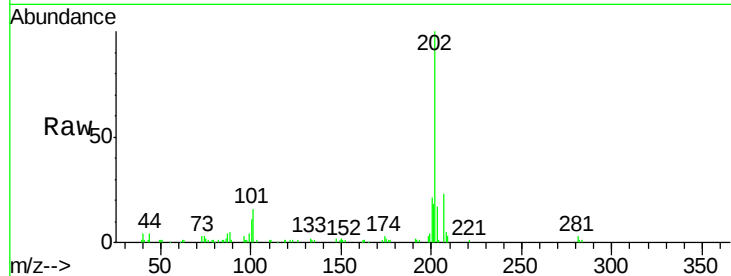




#77
Pvrene
Concen: 0.74 ng
RT: 20.17 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

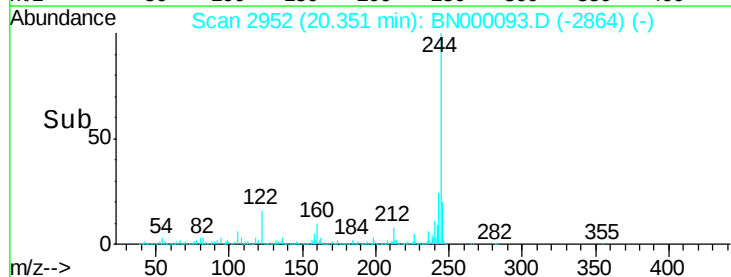
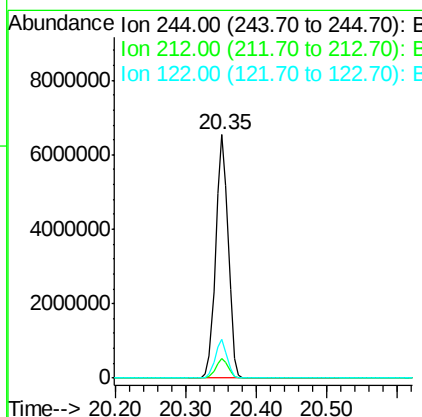
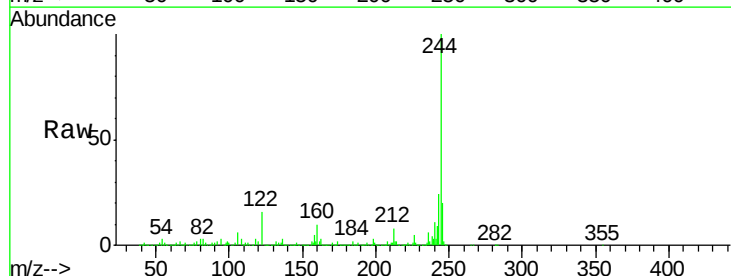
Instrument :
BNA_N
ClientSampleId :

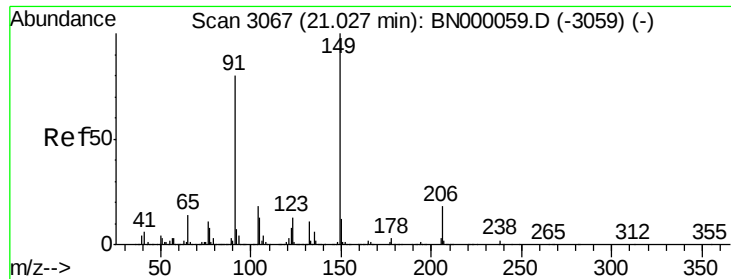
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.3	13.9	20.9



#78
Terphenyl-d14
Concen: 98.01 ng
RT: 20.35 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	15.8	7.0	10.4

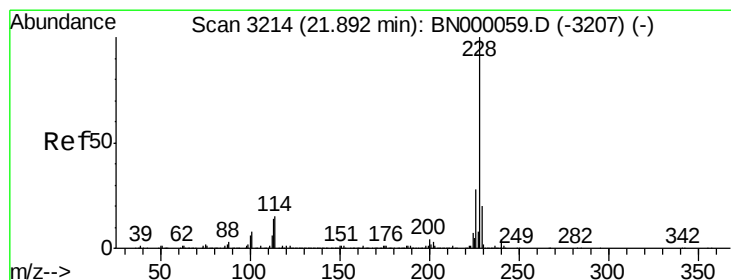
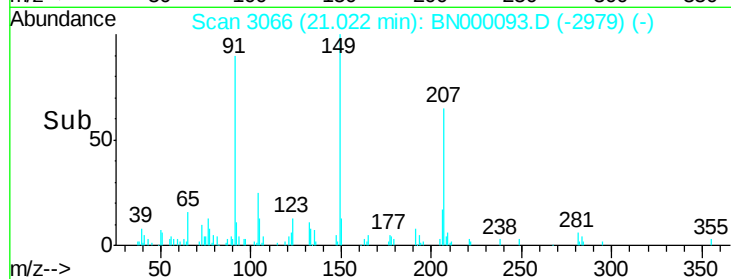
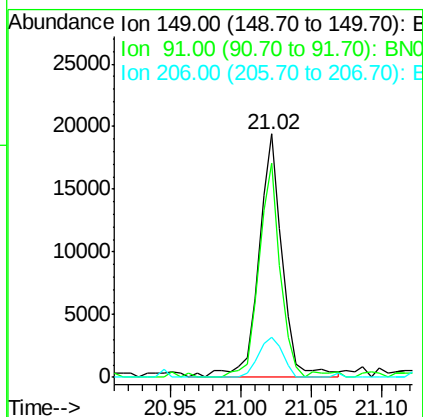
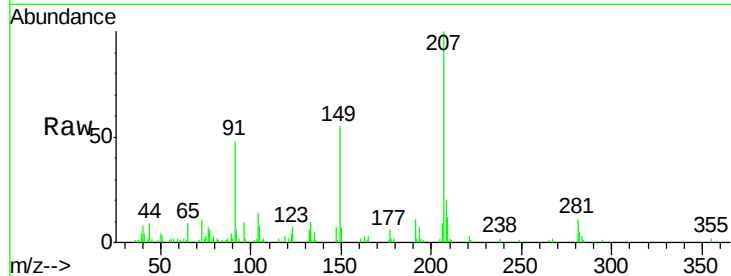




#79
Butylbenzylphthalate
Concen: 5.68 ng
RT: 21.02 min Scan# 3066
Delta R.T. -0.02 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

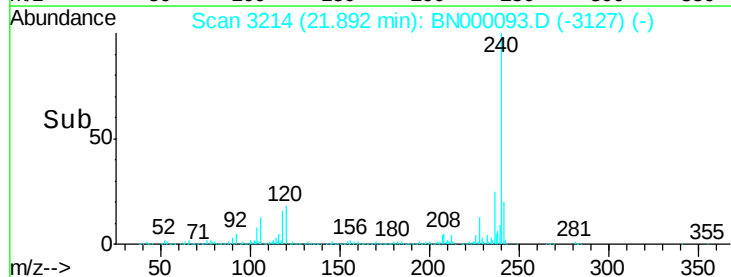
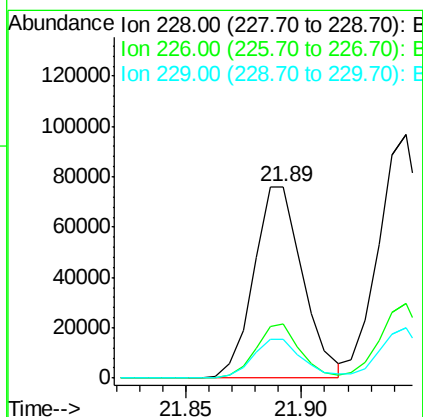
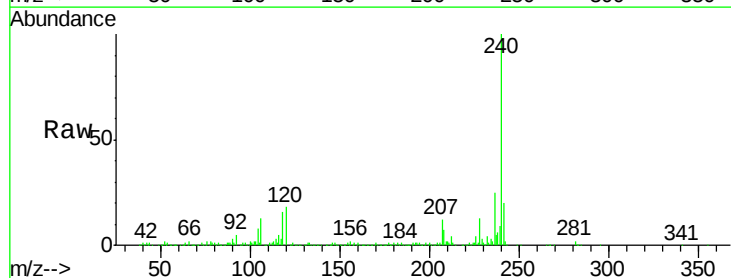
Instrument :
BNA_N
ClientSampled :

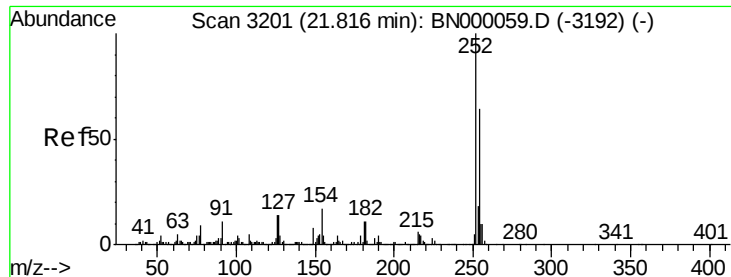
Tot Ion	Ratio	Lower	Upper
149	100		
91	88.1	62.2	93.2
206	16.3	18.6	27.8#



#80
Benzo(a)anthracene
Concen: 0.82 ng
RT: 21.89 min Scan# 3214
Delta R.T. -0.02 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	20.3	16.2	24.2

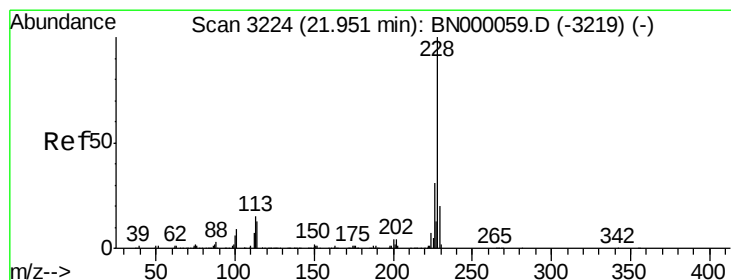
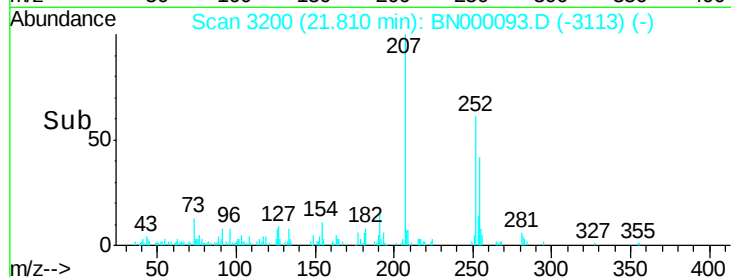
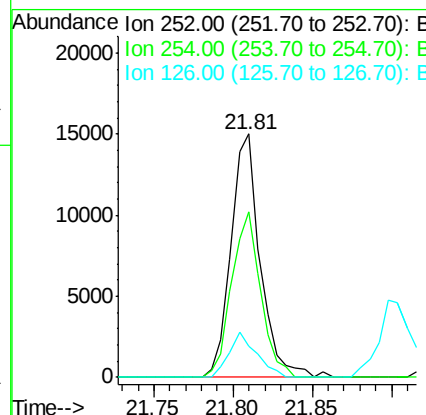
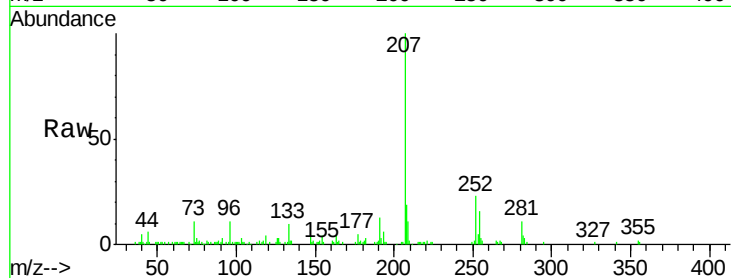




#81
 3,3'-Dichlorobenzidine
 Concen: 0.38 ng
 RT: 21.81 min Scan# 3200
 Delta R.T. -0.02 min
 Lab File: BN000093.D
 Acq: 15 Feb 2018 12:58

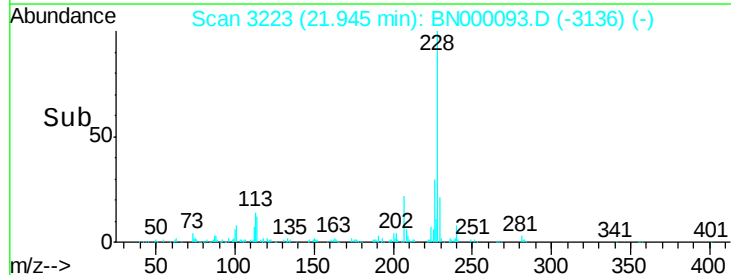
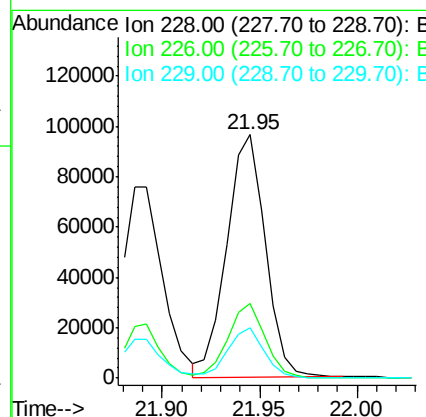
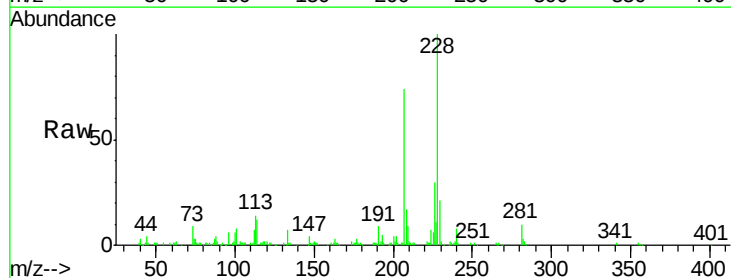
Instrument :
 BNA_N
 ClientSampleId :

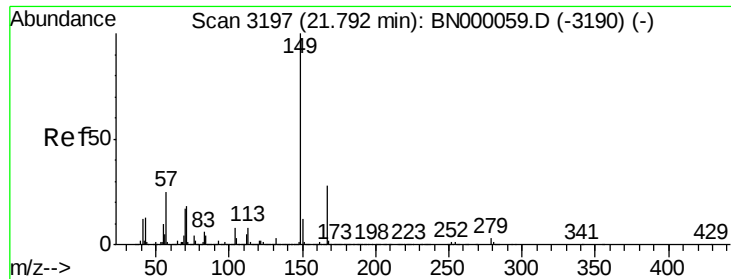
Tot Ion:252 Resp: 19239
 Ion Ratio Lower Upper
 252 100
 254 68.0 50.8 76.2
 126 12.6 7.4 11.2#



#82
 Chrysene
 Concen: 0.97 ng
 RT: 21.95 min Scan# 3223
 Delta R.T. -0.02 min
 Lab File: BN000093.D
 Acq: 15 Feb 2018 12:58

Tgt Ion:228 Resp: 132281
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 20.7 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.19 ng

RT: 21.78 min Scan# 3195

Delta R.T. -0.03 min

Lab File: BN000093.D

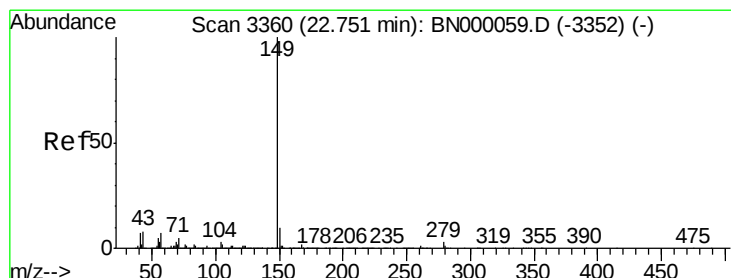
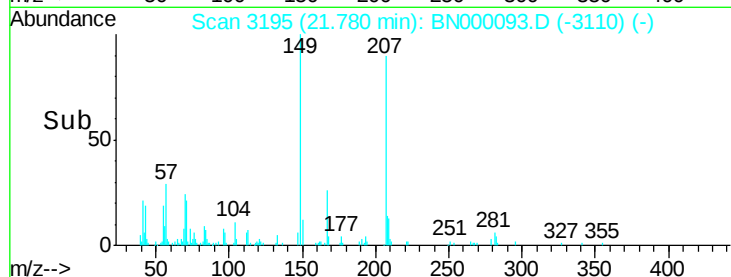
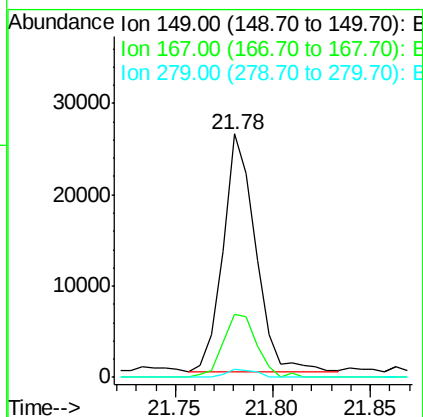
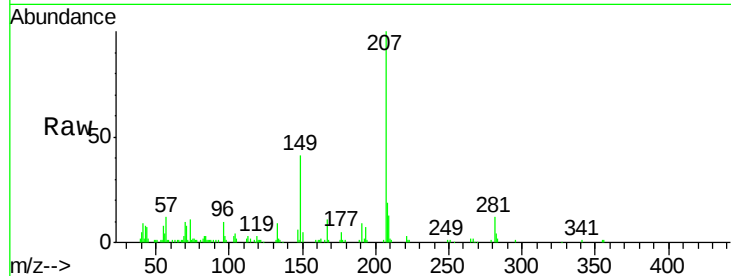
Acq: 15 Feb 2018 12:58

Instrument :

BNA_N

ClientSampleId :

Tot Ion:149	Resp:	30181
Ion Ratio	Lower	Upper
149	100	
167	26.0	24.3 36.5
279	3.4	4.0 6.0#



#84

Di-n-octyl phthalate

Concen: 6.93 ng

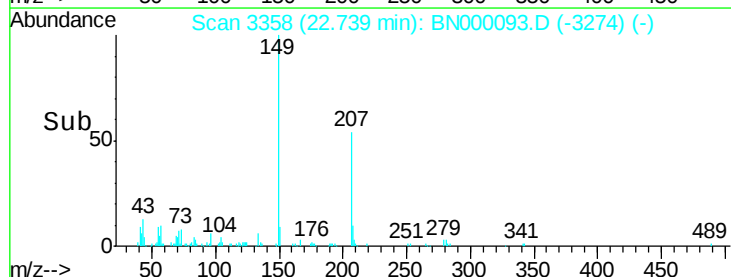
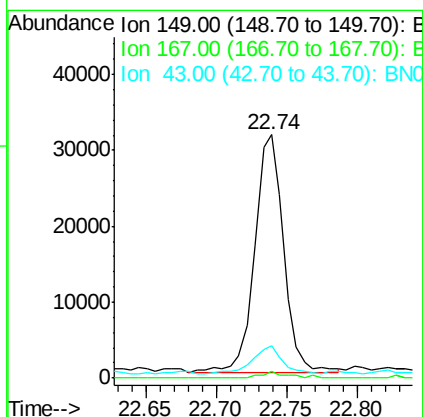
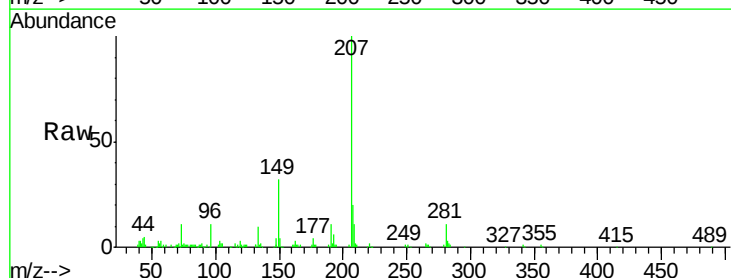
RT: 22.74 min Scan# 3358

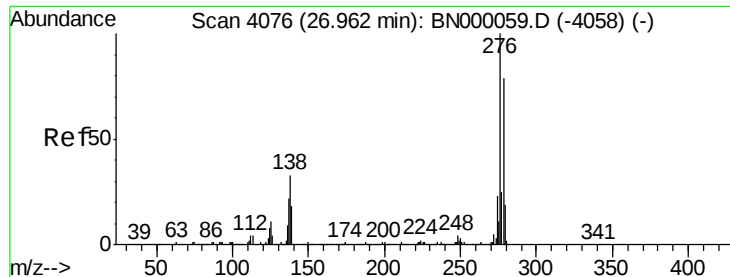
Delta R.T. -0.03 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

Tgt Ion:149	Resp:	45011
Ion Ratio	Lower	Upper
149	100	
167	2.3	1.4 2.0#
43	11.9	8.9 13.3

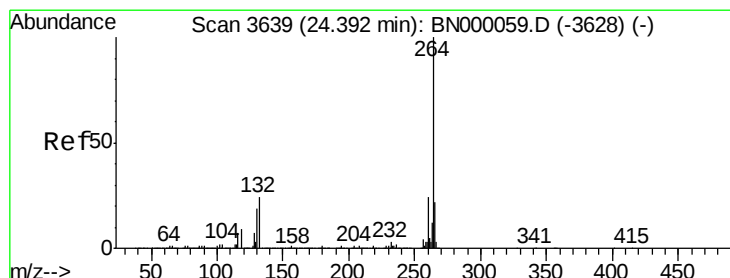
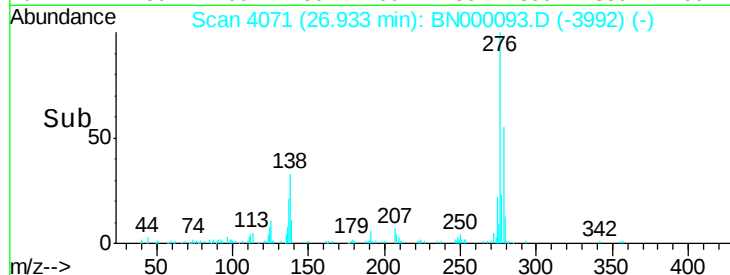
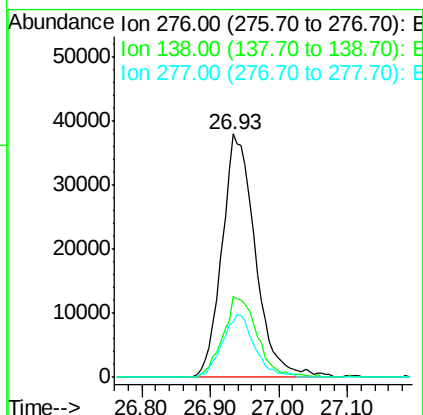
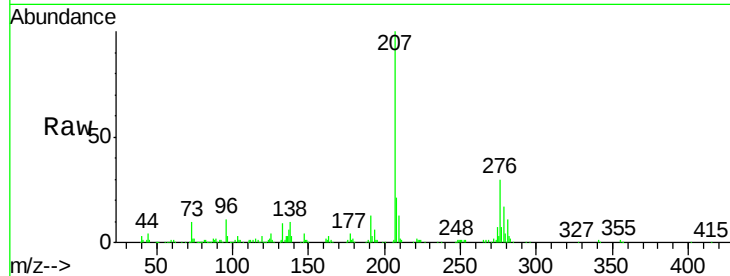




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.77 ng
 RT: 26.93 min Scan# 4071
 Delta R.T. -0.06 min
 Lab File: BN000093.D
 Acq: 15 Feb 2018 12:58

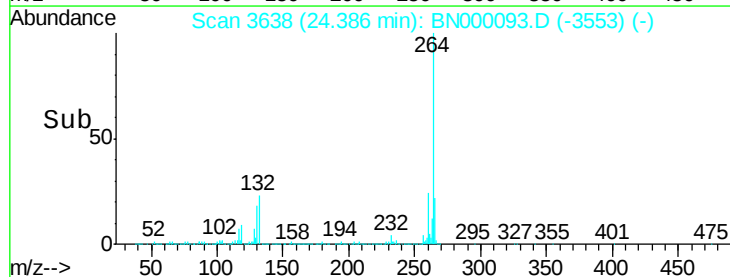
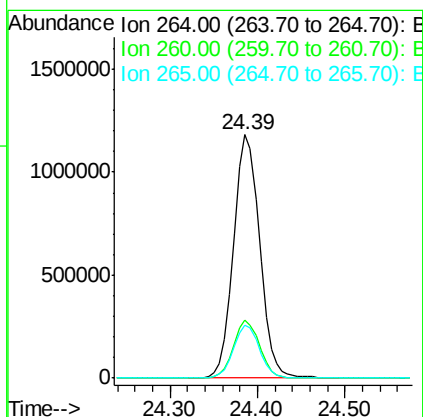
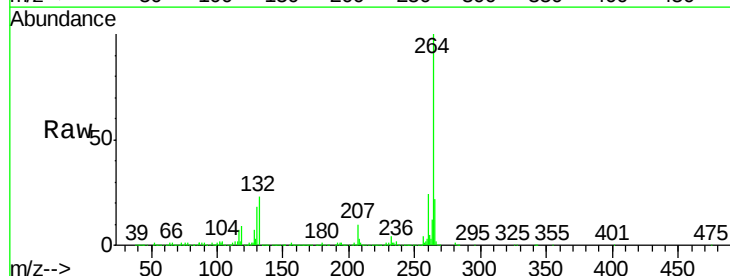
Instrument :
 BNA_N
 ClientSampled :

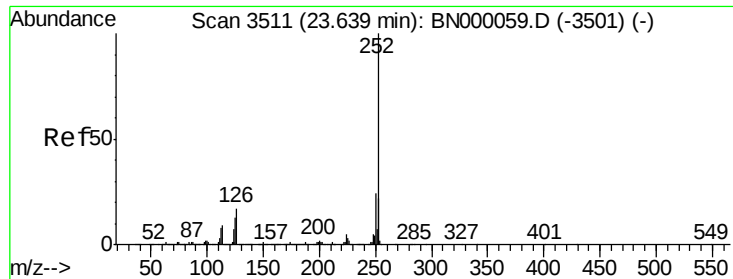
Tot Ion:276 Resp: 128048
 Ion Ratio Lower Upper
 276 100
 138 33.5 16.0 24.0#
 277 25.0 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.39 min Scan# 3638
 Delta R.T. -0.03 min
 Lab File: BN000093.D
 Acq: 15 Feb 2018 12:58

Tgt Ion:264 Resp: 2394566
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.4 26.0
 265 21.8 17.7 26.5

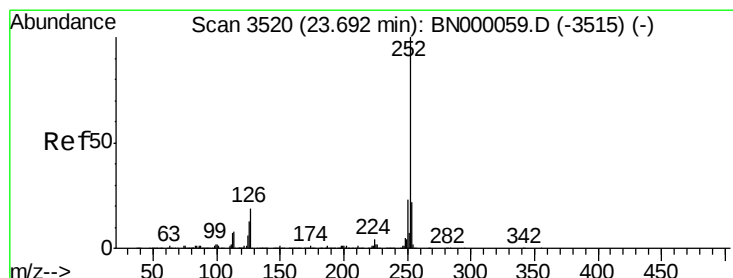
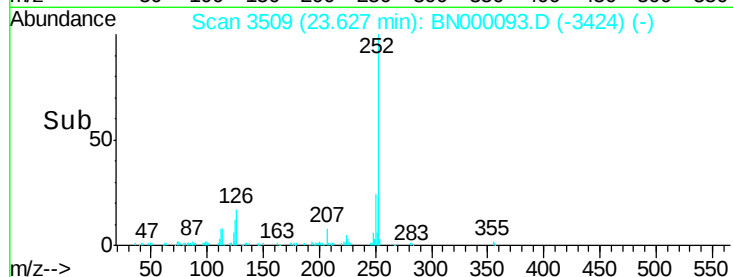
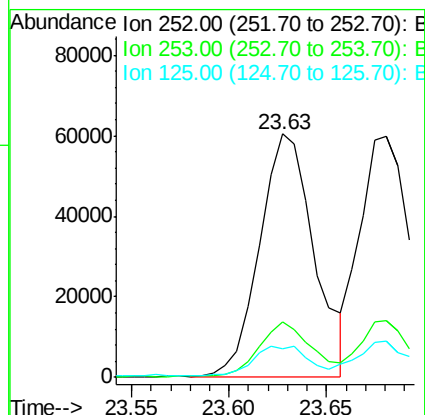
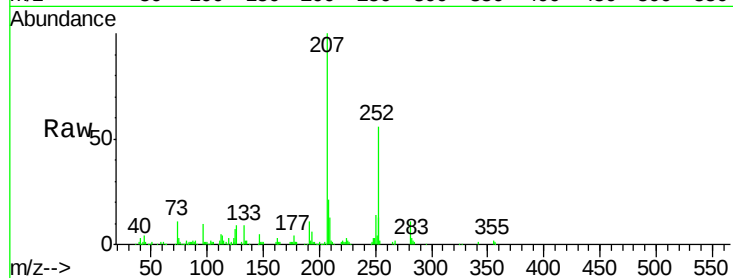




#87
Benzo(b)fluoranthene
Concen: 0.84 ng
RT: 23.63 min Scan# 3509
Delta R.T. -0.03 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

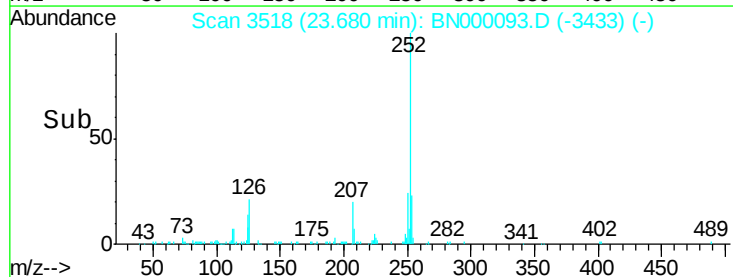
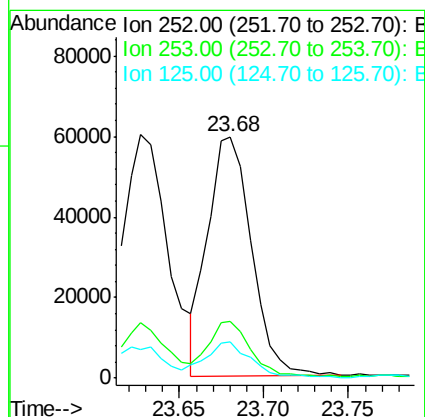
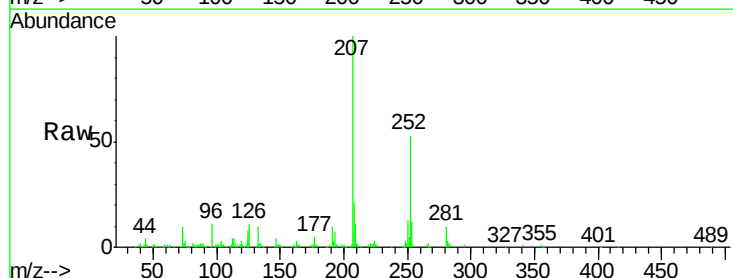
Instrument :
BNA_N
ClientSampleId :

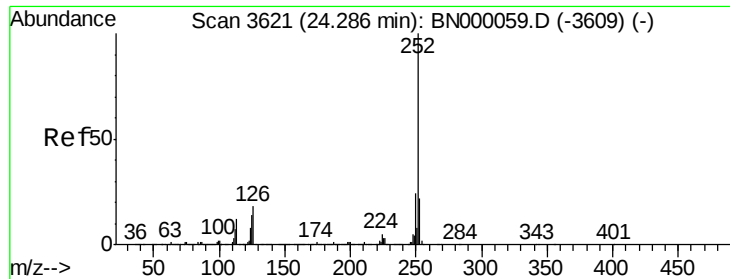
Tot Ion:252 Resp: 117579
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 12.0 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 0.76 ng
RT: 23.68 min Scan# 3518
Delta R.T. -0.03 min
Lab File: BN000093.D
Acq: 15 Feb 2018 12:58

Tgt Ion:252 Resp: 107352
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 15.1 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 0.74 ng

RT: 24.27 min Scan# 3619

Delta R.T. -0.04 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

Instrument :

BNA_N

ClientSampleId :

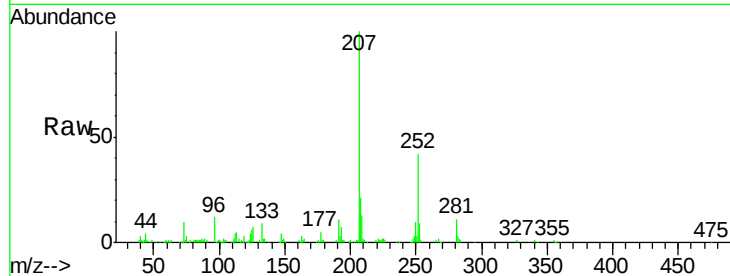
Tot Ion:252 Resp: 99583

Ion Ratio Lower Upper

252 100

253 21.7 18.3 27.5

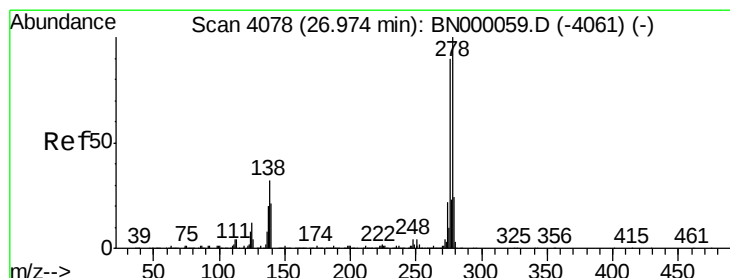
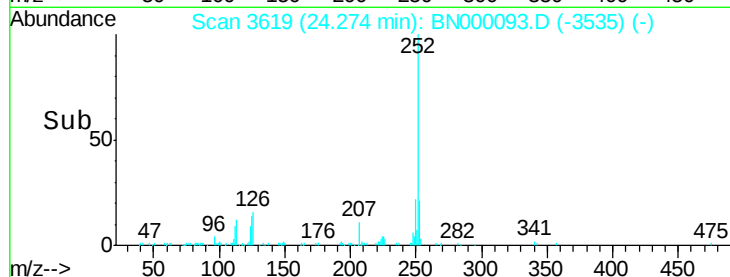
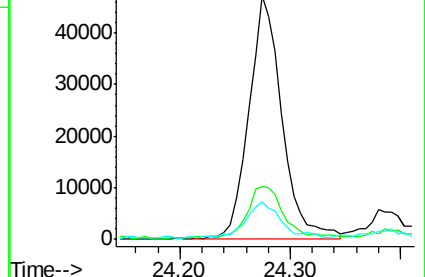
125 15.5 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.76 ng

RT: 26.96 min Scan# 4075

Delta R.T. -0.05 min

Lab File: BN000093.D

Acq: 15 Feb 2018 12:58

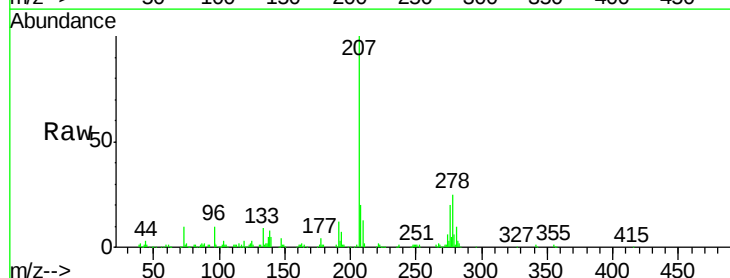
Tgt Ion:278 Resp: 107454

Ion Ratio Lower Upper

278 100

139 20.7 9.8 14.6#

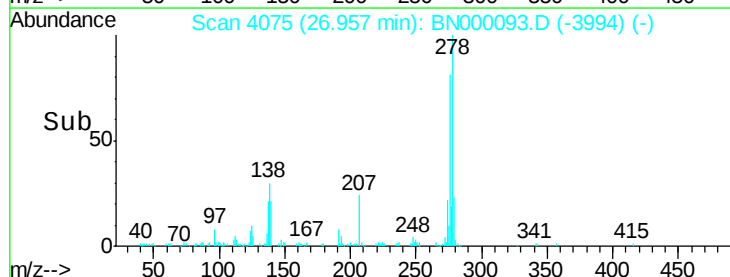
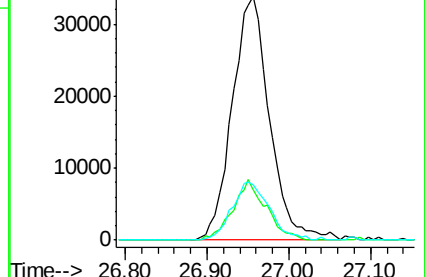
279 22.6 18.4 27.6

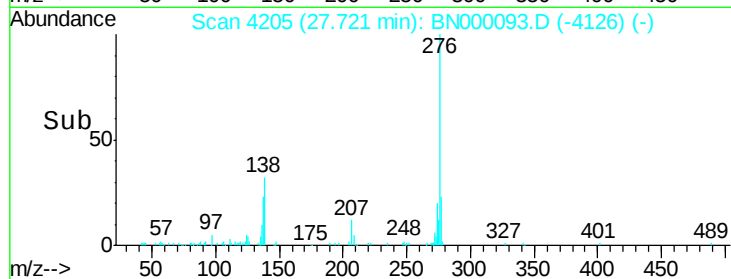
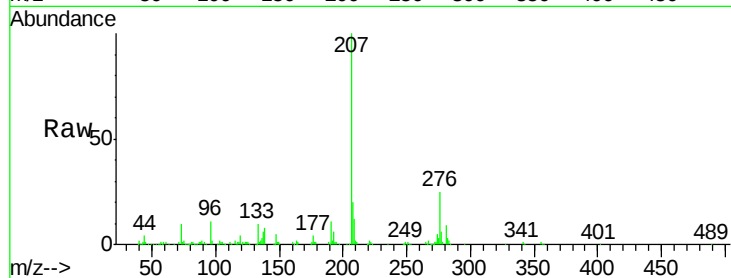
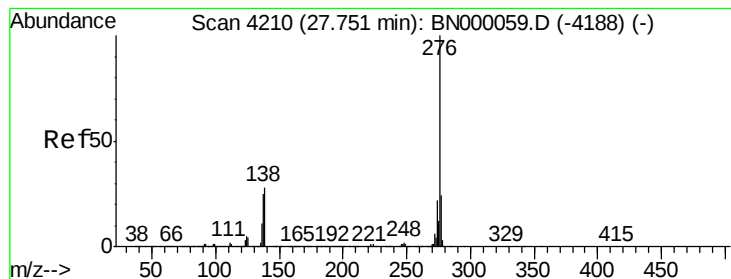


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 0.77 ng
 RT: 27.72 min Scan# 4205
 Delta R.T. -0.06 min
 Lab File: BN000093.D
 Acq: 15 Feb 2018 12:58

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.3	27.5
138	32.3	13.9	20.9

