

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
 Data File : BN000106.D
 Acq On : 15 Feb 2018 20:26
 Operator : JU/SJ
 Sample : J1161-09
 Misc : 1 PPM LOD
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 16 03:58:40 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	306606	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	1548197	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	929058	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	2135910	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	2411623	20.00	ng	-0.02
86) Perylene-d12	24.39	264	2630660	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.93	112	2556899	135.91	ng	-0.01
7) Phenol-d6	7.58	99	3677366	129.04	ng	-0.01
23) Nitrobenzene-d5	9.64	82	2520076	96.78	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1234212	134.21	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	6495300	98.54	ng	-0.01
78) Terphenyl-d14	20.35	244	8653107	96.88	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	8319	1.10	ng	# 91
3) Pyridine	4.19	79	4381	0.19	ng	# 78
4) n-Nitrosodimethylamine	4.02	42	6341	0.95	ng	# 56
6) Aniline	7.76	93	32007	0.82	ng	92
8) 2-Chlorophenol	8.01	128	21634	0.98	ng	93
9) Benzaldehyde	7.58	77	16962	0.96	ng	91
10) Phenol	7.61	94	30020	1.00	ng	93
11) bis(2-Chloroethyl)ether	7.86	93	24080	0.97	ng	89
12) 1,3-Dichlorobenzene	8.35	146	24991	1.00	ng	99
13) 1,4-Dichlorobenzene	8.50	146	26315	1.03	ng	96
14) 1,2-Dichlorobenzene	8.82	146	24761	0.99	ng	91
15) Benzyl Alcohol	8.69	79	16426	0.80	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	8.98	45	24912	0.95	ng	77
17) 2-Methylphenol	8.89	107	16362	0.77	ng	93
18) Hexachloroethane	9.57	117	7874	0.89	ng	# 80
19) n-Nitroso-di-n-propylamine	9.26	70	13671	0.72	ng	# 83
20) 3+4-Methylphenols	9.22	107	21232	0.71	ng	90
22) Acetophenone	9.29	105	34324	0.79	ng	# 87
24) Nitrobenzene	9.68	77	28382	1.00	ng	# 93
25) Isophorone	10.20	82	38995	0.72	ng	98
26) 2-Nitrophenol	10.39	139	6165	7.64	ng	90
27) 2,4-Dimethylphenol	10.44	122	16394	0.70	ng	97
28) bis(2-Chloroethoxy)methane	10.68	93	29231	0.85	ng	# 92
29) 2,4-Dichlorophenol	10.93	162	12241	0.57	ng	97
30) 1,2,4-Trichlorobenzene	11.16	180	25158	1.01	ng	97
31) Naphthalene	11.35	128	82955	0.98	ng	# 92
32) Benzoic acid	10.44	122	16394	11.28	ng	# 9
33) 4-Chloroaniline	11.45	127	26413	0.71	ng	96
34) Hexachlorobutadiene	11.63	225	11836	0.92	ng	90
35) Caprolactam	12.17	113	3939	4.40	ng	96
36) 4-Chloro-3-methylphenol	12.53	107	14852	0.54	ng	99
37) 2-Methylnaphthalene	12.93	142	52109	0.88	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	26124	0.95	ng	# 96
40) Hexachlorocyclopentadiene	13.26	237	7457	0.65	ng	80

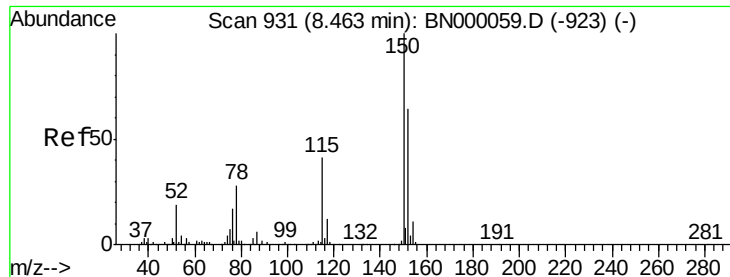
Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
 Data File : BN000106.D
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 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	8132	0.49	nq	# 94
43) 2,4,5-Trichlorophenol	13.58	196	9024	0.46	nq	# 92
45) 1,1'-Biphenyl	13.91	154	88092	1.08	nq	98
46) 2-Chloronaphthalene	13.96	162	58283	0.95	nq	95
47) 2-Nitroaniline	14.15	65	7774	5.27	nq	84
48) Acenaphthylene	14.80	152	66123	0.67	nq	98
49) Dimethylphthalate	14.50	163	60278	0.78	nq	99
50) 2,6-Dinitrotoluene	14.63	165	6418	0.40	nq	# 87
51) Acenaphthene	15.13	154	59632	0.93	nq	93
52) 3-Nitroaniline	14.95	138	8074	0.41	nq	# 87
53) 2,4-Dinitrophenol	15.16	184	1707	9.49	nq	# 1
54) Dibenzofuran	15.46	168	86657	0.95	nq	94
55) 4-Nitrophenol	15.23	139	4836	5.26	nq	87
56) 2,4-Dinitrotoluene	15.40	165	7932	4.50	nq	# 91
57) Fluorene	16.10	166	64915	0.87	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.67	232	7008	0.45	nq	# 80
59) Diethylphthalate	15.85	149	55049	0.70	nq	# 95
60) 4-Chlorophenyl-phenylether	16.09	204	31378	0.92	nq	# 87
61) 4-Nitroaniline	16.10	138	8118	0.41	nq	89
62) Azobenzene	16.37	77	47607	0.61	nq	91
64) 4,6-Dinitro-2-methylphenol	16.16	198	3226	8.97	nq	87
65) n-Nitrosodiphenylamine	16.30	169	47065	0.68	nq	98
66) 4-Bromophenyl-phenylether	16.97	248	16642	0.82	nq	# 81
67) Hexachlorobenzene	17.09	284	22423	0.95	nq	# 77
68) Atrazine	17.22	200	11806	0.52	nq	96
69) Pentachlorophenol	17.43	266	6692	6.21	nq	96
70) Phenanthrene	17.83	178	122474	0.97	nq	98
71) Anthracene	17.92	178	95503	0.78	nq	97
72) Carbazole	18.18	167	87586	0.71	nq	98
73) Di-n-butylphthalate	18.71	149	65926	0.49	nq	99
74) Fluoranthene	19.80	202	105337	0.80	nq	94
76) Benzidine	19.97	184	20336	0.26	nq	97
77) Pyrene	20.16	202	120790	0.79	nq	97
79) Butylbenzylphthalate	21.02	149	26081	5.69	nq	96
80) Benzo(a)anthracene	21.89	228	129777	0.88	nq	95
81) 3,3'-Dichlorobenzidine	21.80	252	24548	0.45	nq	# 95
82) Chrysene	21.94	228	146834	0.99	nq	99
83) Bis(2-ethylhexyl)phthalate	21.78	149	36650	3.22	nq	# 95
84) Di-n-octyl phthalate	22.73	149	51871	6.95	nq	# 100
85) Indeno(1,2,3-cd)pyrene	26.93	276	143932	0.79	nq	# 84
87) Benzo(b)fluoranthene	23.63	252	129132	0.84	nq	# 95
88) Benzo(k)fluoranthene	23.67	252	122046	0.79	nq	# 94
89) Benzo(a)pyrene	24.27	252	115270	0.78	nq	# 92
90) Dibenzo(a,h)anthracene	26.94	278	120437	0.78	nq	# 90
91) Benzo(g,h,i)perylene	27.72	276	128312	0.82	nq	# 87

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

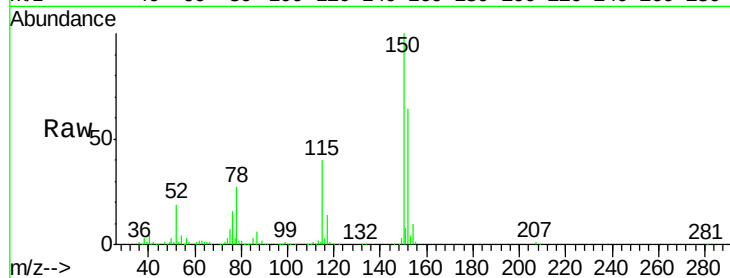


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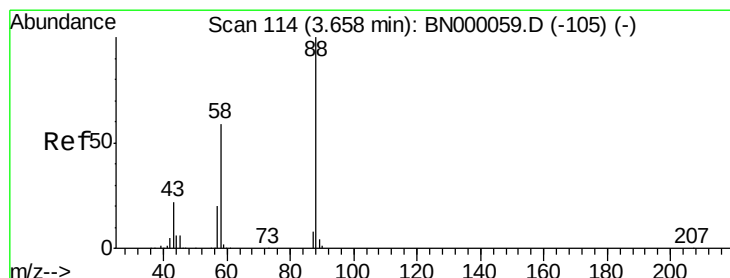
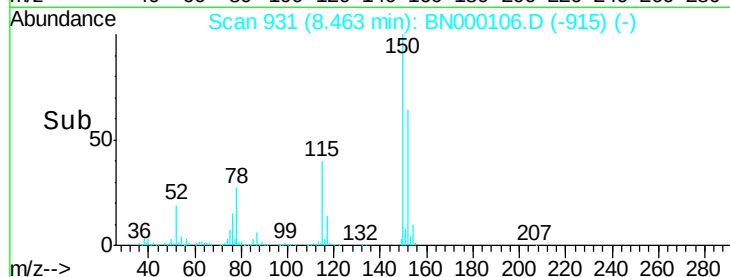
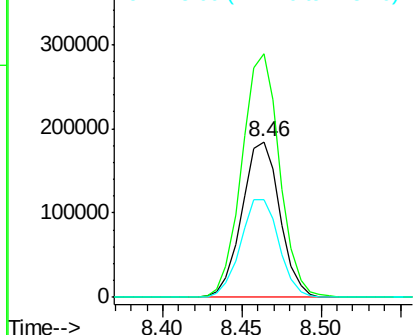
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion	152	Resp	306606
Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.6	189.8
115	62.5	53.0	79.4



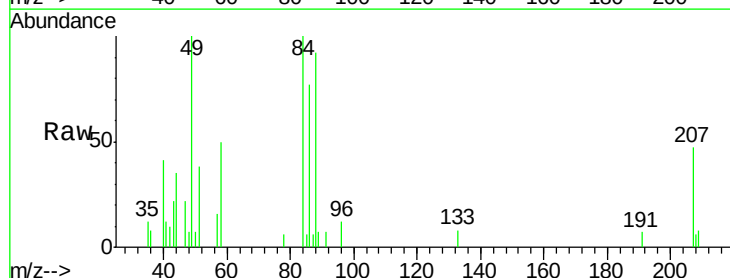
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



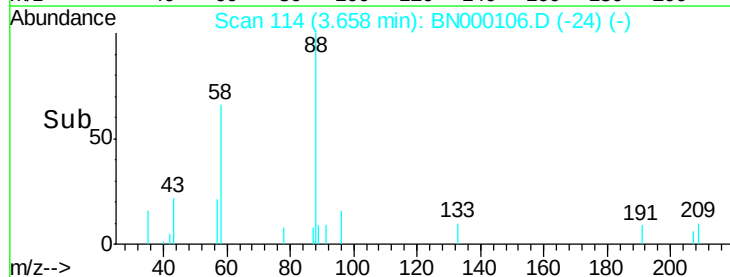
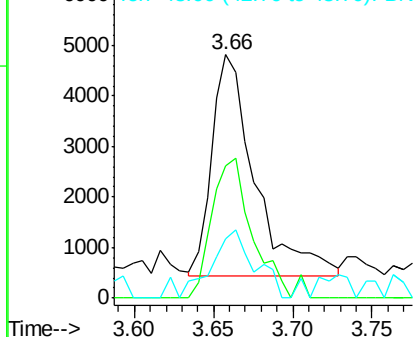
#2

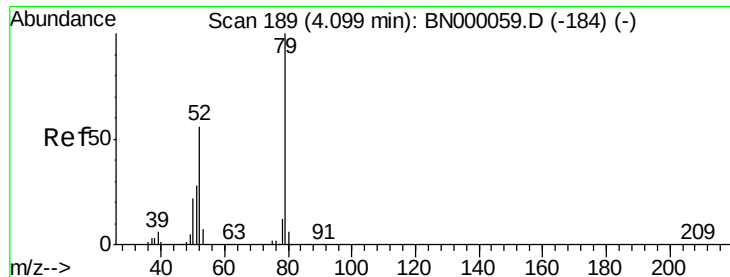
1,4-Dioxane
Concen: 1.10 ng
RT: 3.66 min Scan# 114
Delta R.T. 0.00 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion	88	Resp	8319
Ion	Ratio	Lower	Upper
88	100		
58	58.3	52.0	78.0
43	30.4	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: 0.19 ng

RT: 4.19 min Scan# 205

Delta R.T. 0.09 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampled :

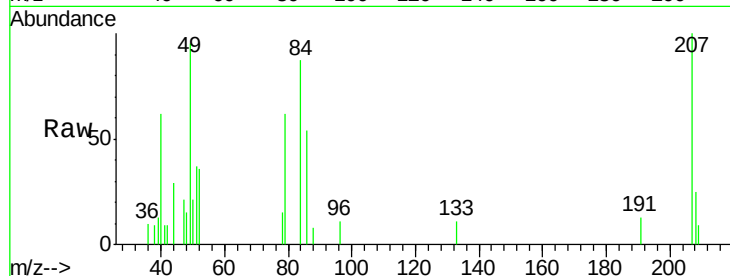
Tot Ion: 79 Resp: 4381

Ion Ratio Lower Upper

79 100

52 58.3 44.0 66.0

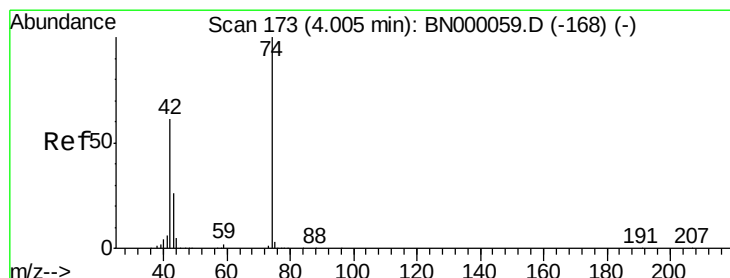
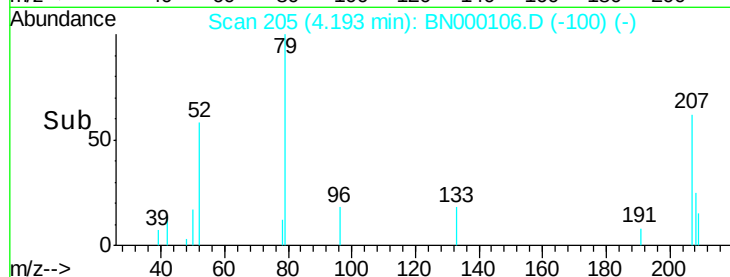
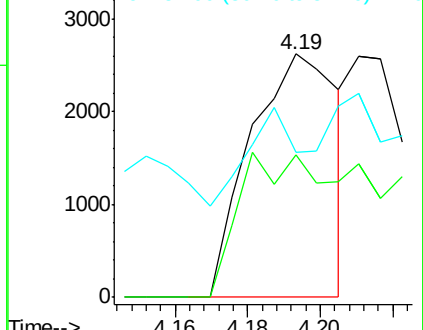
51 59.3 24.0 36.0#



Abundance Ion 79.00 (78.70 to 79.70): BNC

Ion 52.00 (51.70 to 52.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#4

n-Nitrosodimethylamine

Concen: 0.95 ng

RT: 4.02 min Scan# 175

Delta R.T. 0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

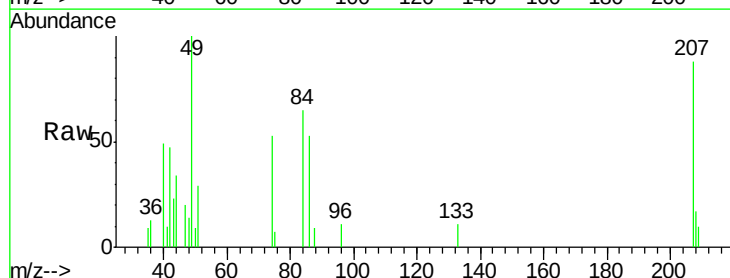
Tgt Ion: 42 Resp: 6341

Ion Ratio Lower Upper

42 100

74 112.9 128.0 192.0#

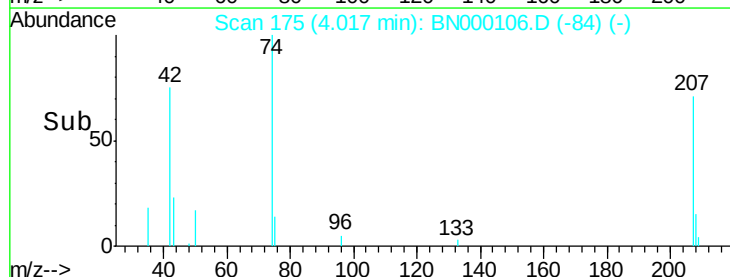
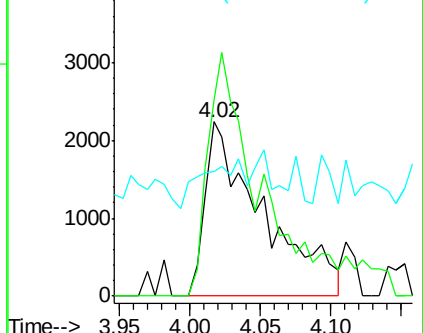
44 71.5 12.0 18.0#

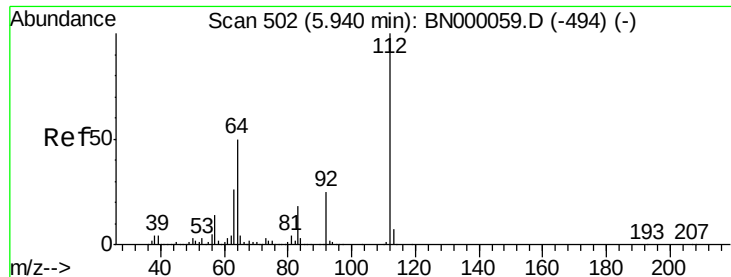


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#5

2-Fluorophenol

Concen: 135.91 ng

RT: 5.93 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

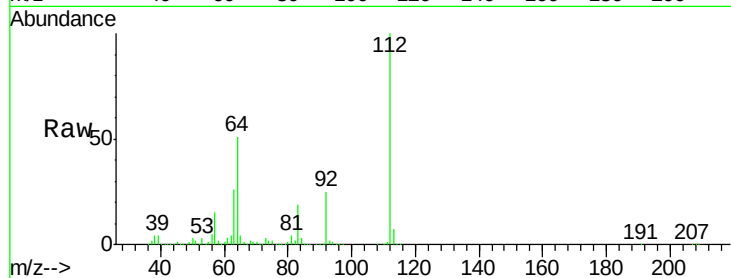
Tot Ion:112 Resp: 2556899

Ion Ratio Lower Upper

112 100

64 51.2 56.3 84.5#

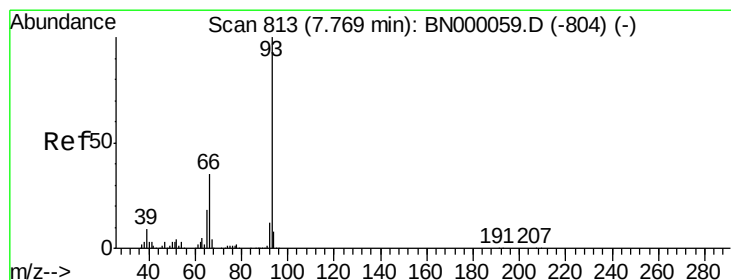
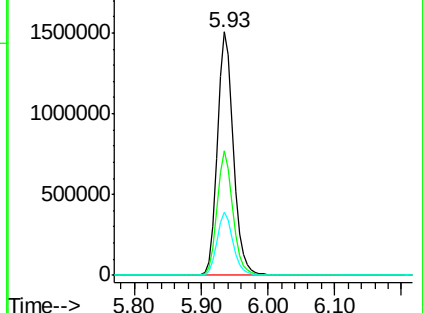
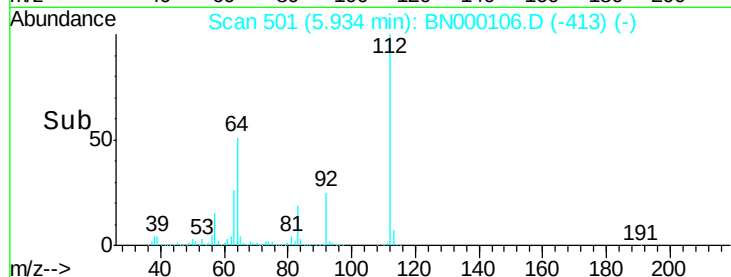
63 25.9 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#6

Aniline

Concen: 0.82 ng

RT: 7.76 min Scan# 812

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

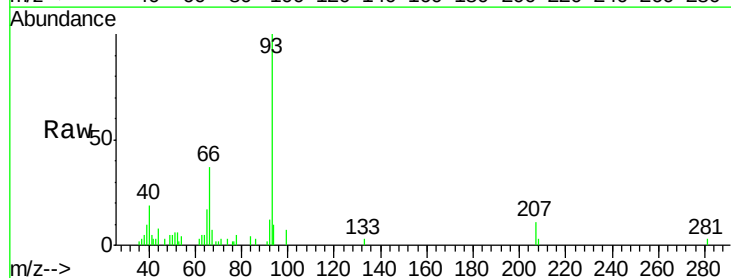
Tgt Ion: 93 Resp: 32007

Ion Ratio Lower Upper

93 100

66 37.1 33.7 50.5

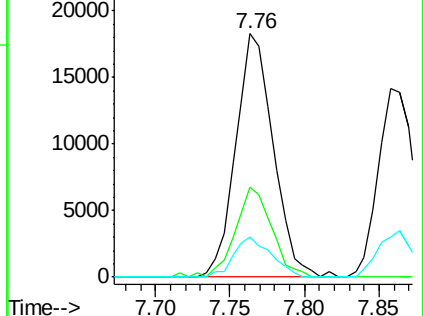
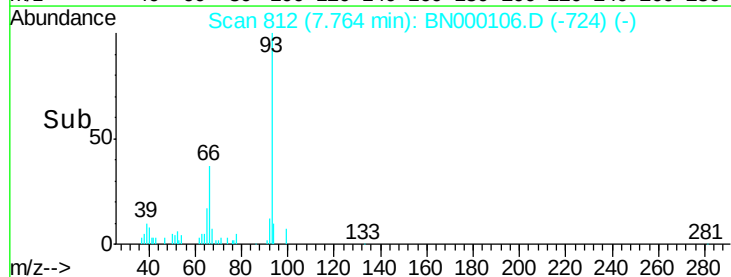
65 16.6 16.1 24.1

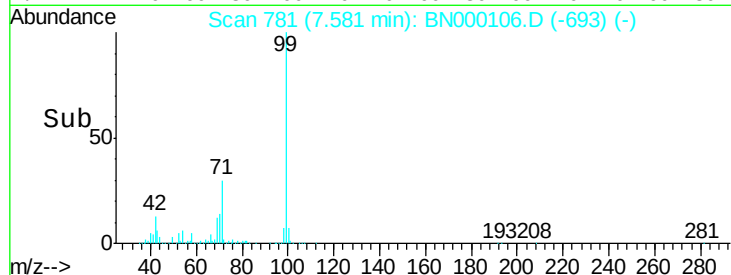
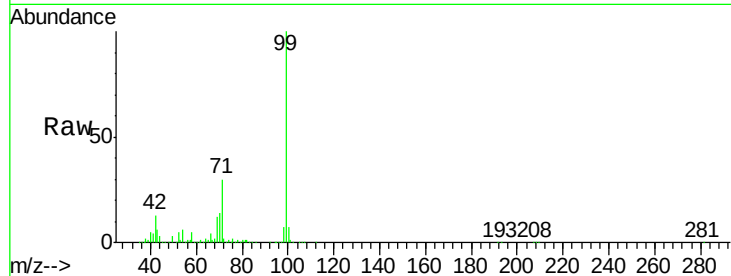
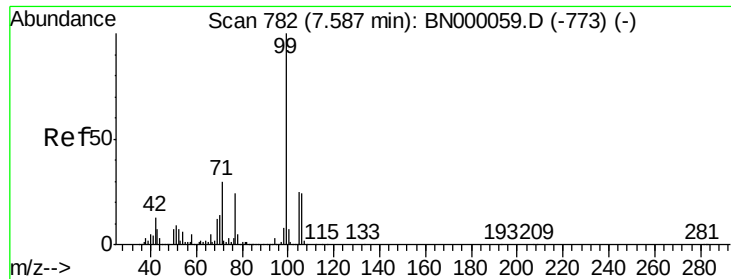


Abundance Ion 93.00 (92.70 to 93.70): BNO

Ion 66.00 (65.70 to 66.70): BNO

Ion 65.00 (64.70 to 65.70): BNO





#7

Phenol-d6

Concen: 129.04 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

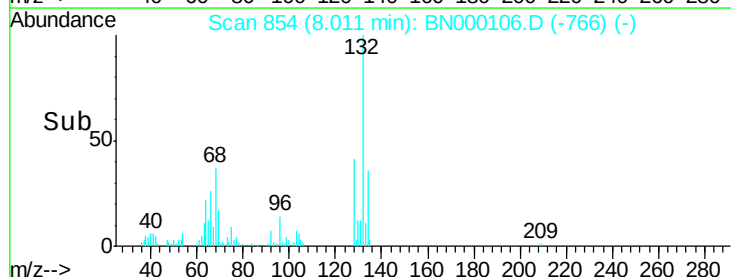
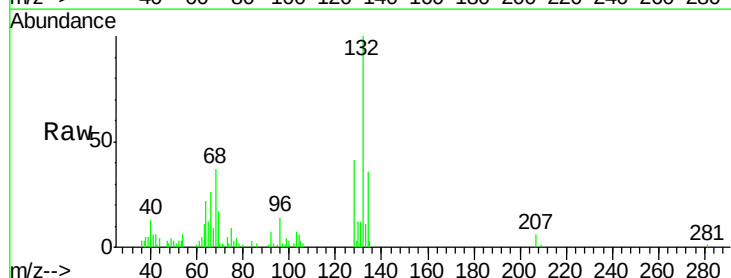
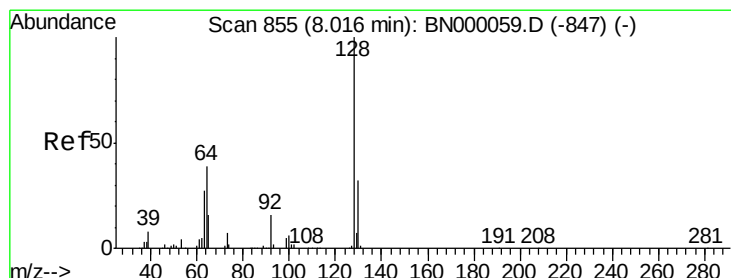
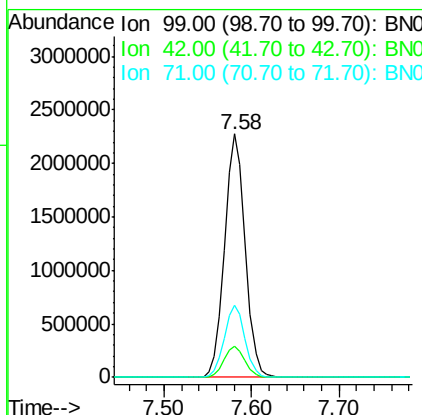
Instrument :

BNA_N

ClientSampled :

Tot Ion: 99 Resp: 3677366

Ion	Ratio	Lower	Upper
99	100		
42	12.9	14.1	21.1#
71	29.7	26.1	39.1



#8

2-Chlorophenol

Concen: 0.98 ng

RT: 8.01 min Scan# 854

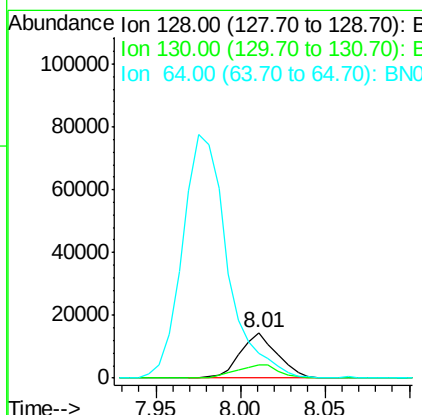
Delta R.T. -0.01 min

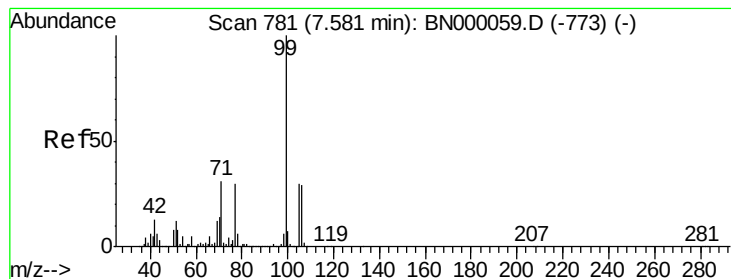
Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Tgt Ion: 128 Resp: 21634

Ion	Ratio	Lower	Upper
128	100		
130	28.8	14.0	54.0
64	53.2	37.7	77.7





#9

Benzaldehyde

Concen: 0.96 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampled :

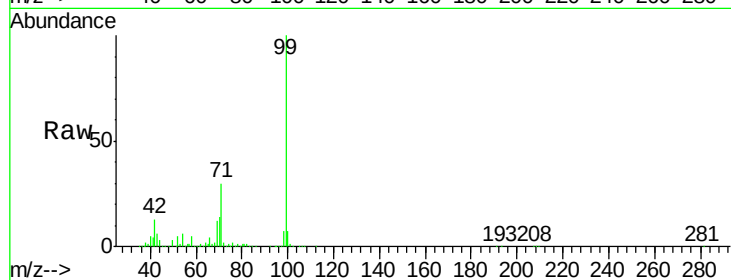
Tot Ion: 77 Resp: 16962

Ion Ratio Lower Upper

77 100

105 88.2 71.3 111.3

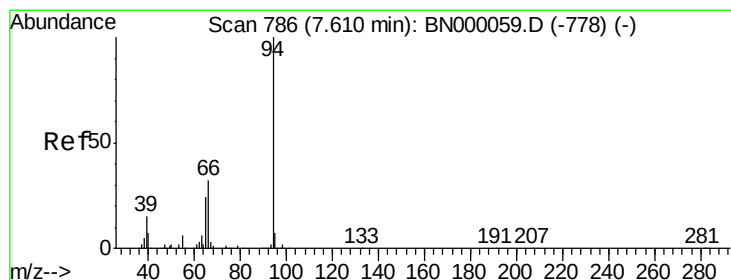
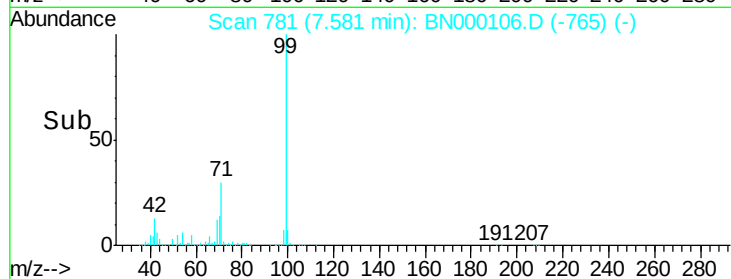
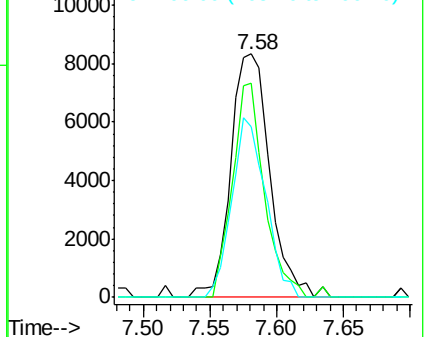
106 69.8 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): BN0

Ion 106.00 (105.70 to 106.70): BN0



#10

Phenol

Concen: 1.00 ng

RT: 7.61 min Scan# 786

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

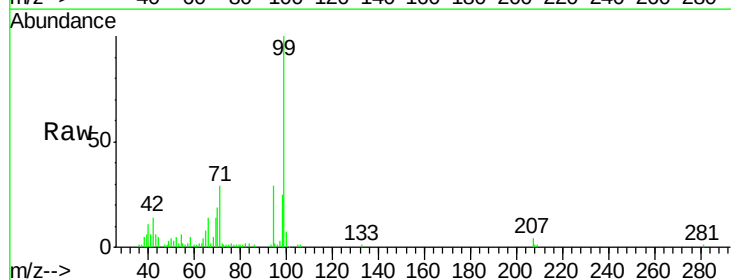
Tgt Ion: 94 Resp: 30020

Ion Ratio Lower Upper

94 100

65 27.6 11.9 51.9

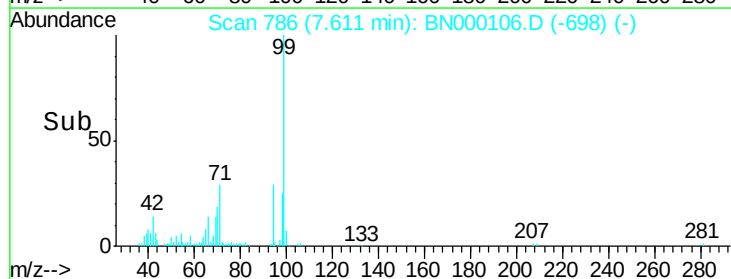
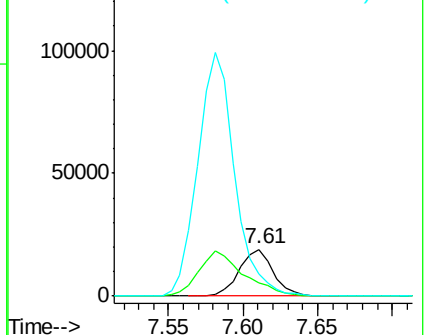
66 46.7 22.2 62.2

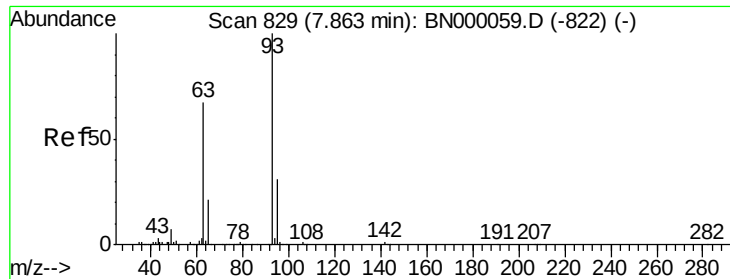


Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0

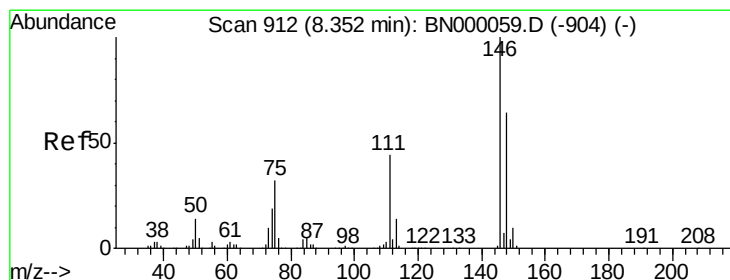
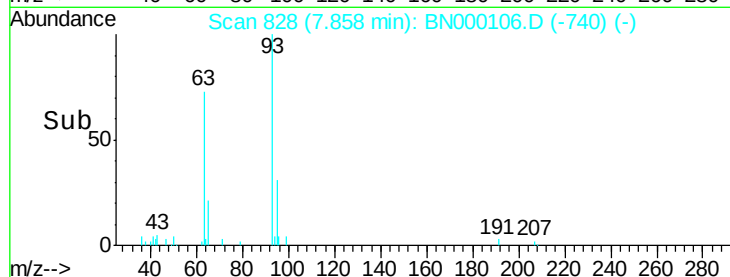
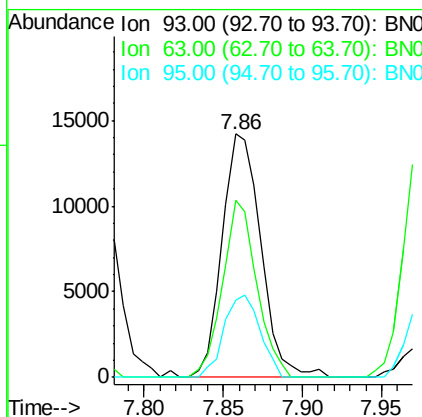
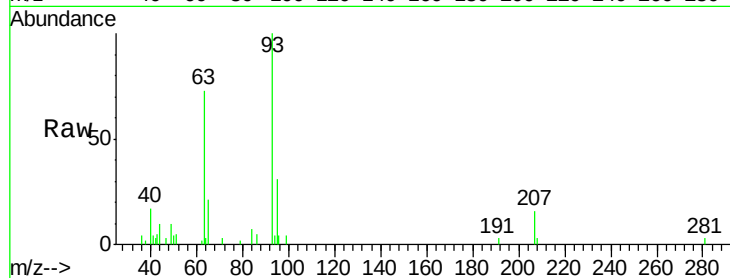




#11
bis(2-Chloroethyl)ether
Concen: 0.97 ng
RT: 7.86 min Scan# 828
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

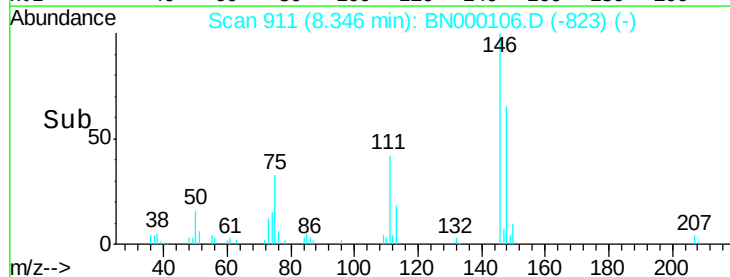
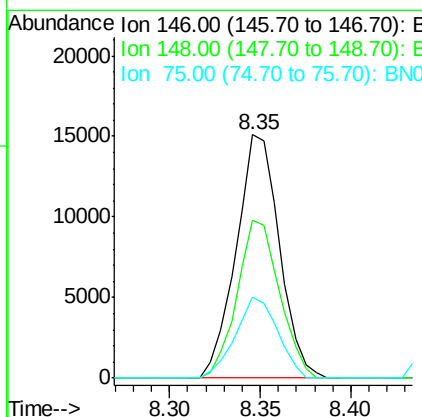
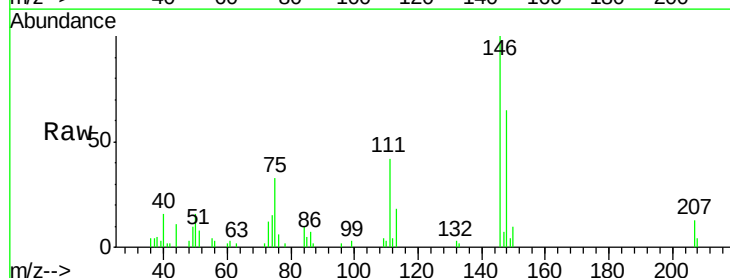
Instrument :
BNA_N
ClientSampleId :

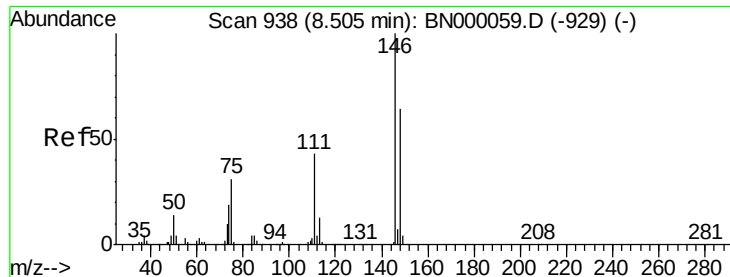
Tot Ion	93	Resp	24080
Ion Ratio	Lower	Upper	
93	100		
63	73.0	67.1	107.1
95	31.5	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 1.00 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion	146	Resp	24991
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.4	77.2
75	33.3	26.6	39.8

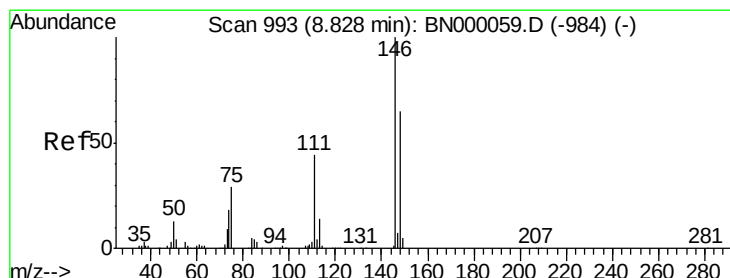
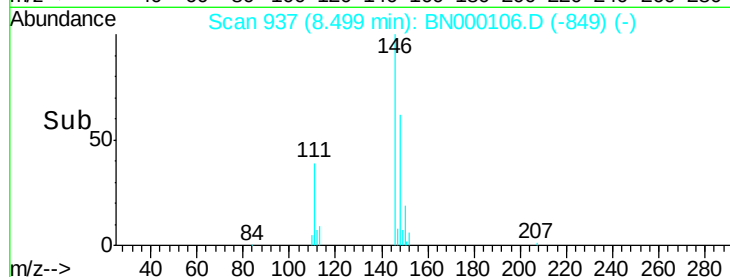
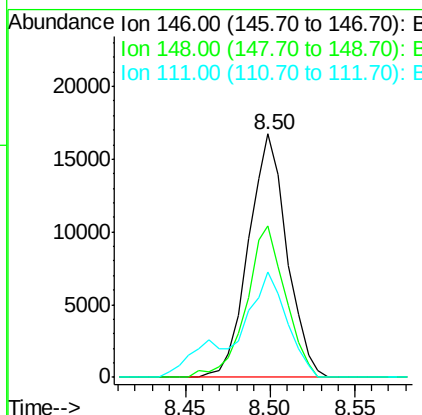
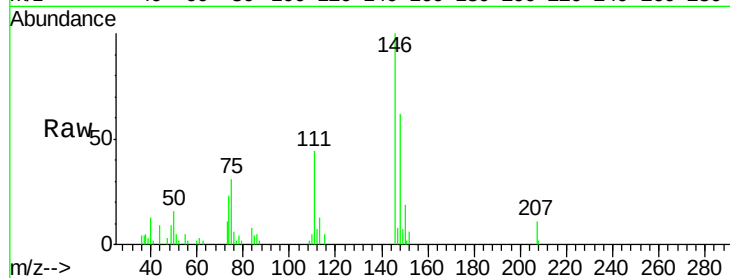




#13
 1,4-Dichlorobenzene
 Concen: 1.03 ng
 RT: 8.50 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

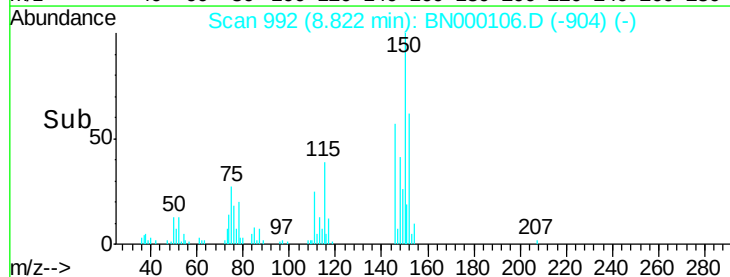
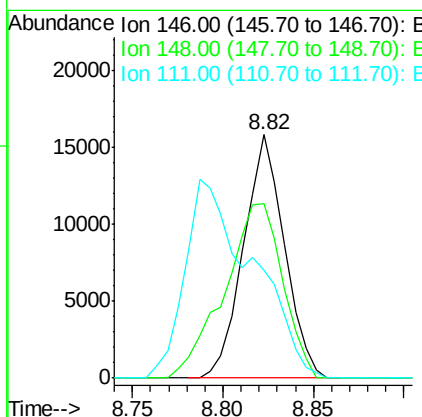
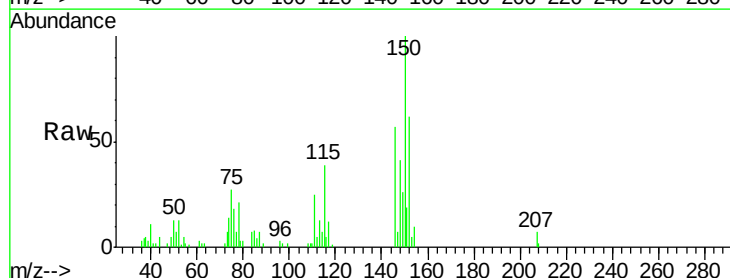
Instrument :
 BNA_N
 ClientSampleId :

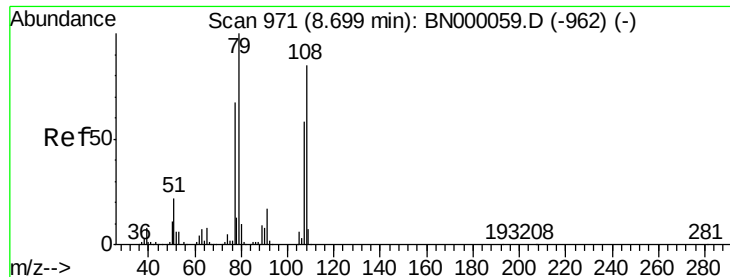
Tot Ion:146 Resp: 26315
 Ion Ratio Lower Upper
 146 100
 148 62.1 53.7 80.5
 111 43.5 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 0.99 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

Tgt Ion:146 Resp: 24761
 Ion Ratio Lower Upper
 146 100
 148 71.6 49.3 73.9
 111 44.2 34.3 51.5





#15

Benzyl Alcohol

Concen: 0.80 ng

RT: 8.69 min Scan# 970

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

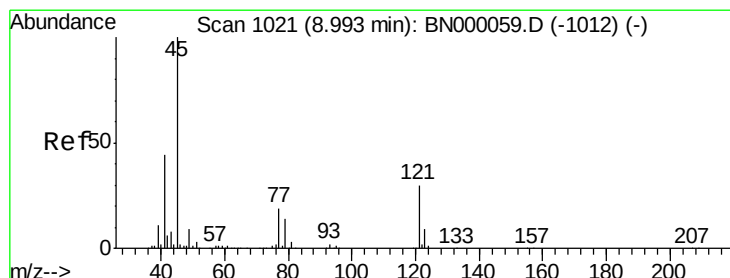
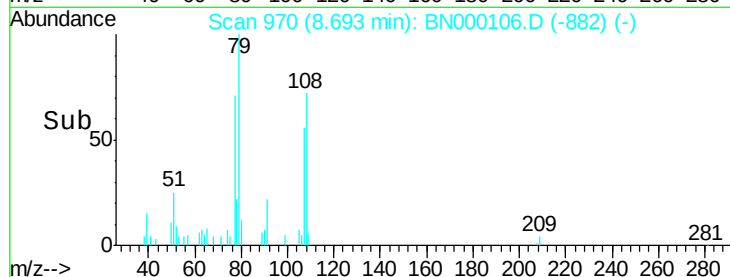
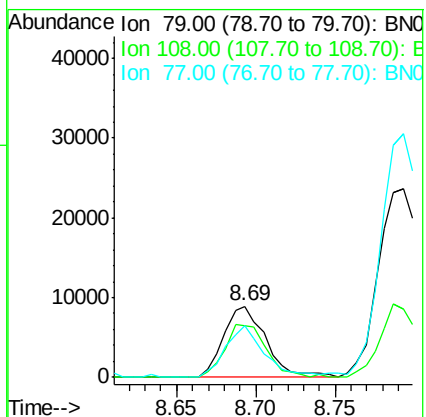
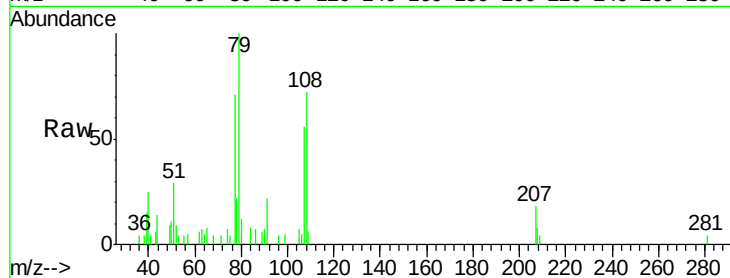
Tot Ion: 79 Resp: 16426

Ion Ratio Lower Upper

79 100

108 72.4 57.2 85.8

77 71.4 46.1 69.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.95 ng

RT: 8.98 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

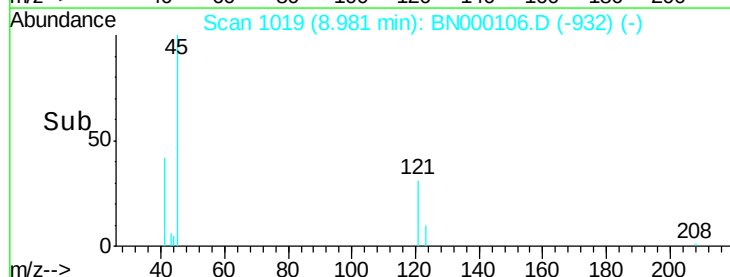
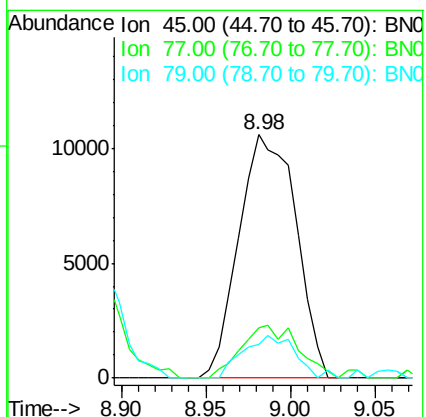
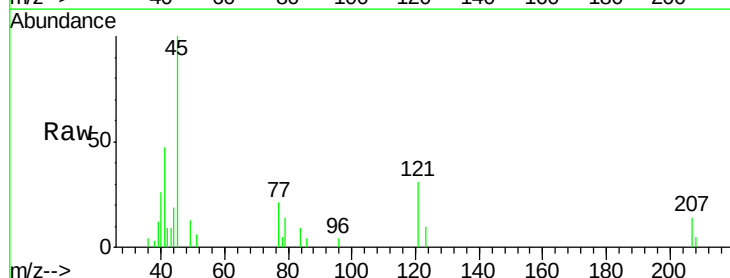
Tgt Ion: 45 Resp: 24912

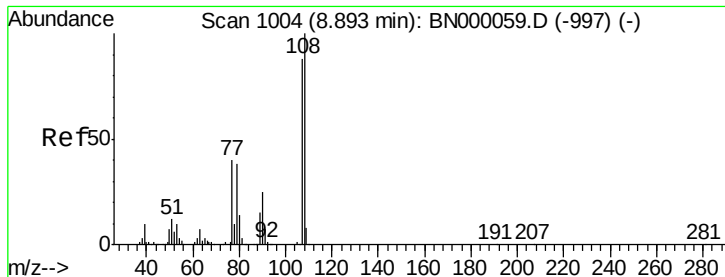
Ion Ratio Lower Upper

45 100

77 20.7 0.0 30.2

79 13.9 0.0 27.9





#17

2-Methylphenol

Concen: 0.77 ng

RT: 8.89 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampled :

Tot Ion:107 Resp: 16362

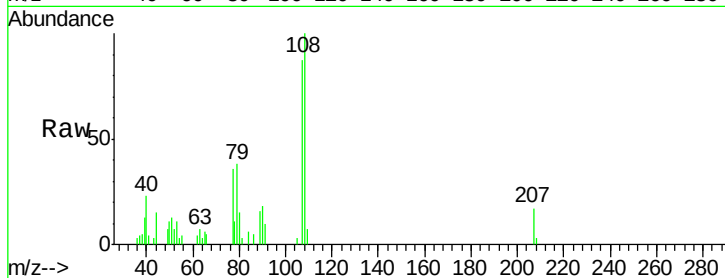
Ion Ratio Lower Upper

107 100

108 114.3 83.9 125.9

77 41.0 37.2 55.8

79 43.8 36.2 54.2

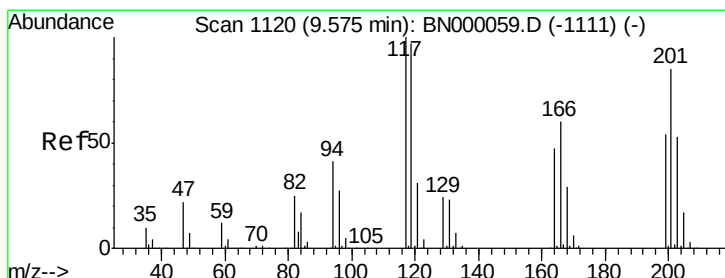
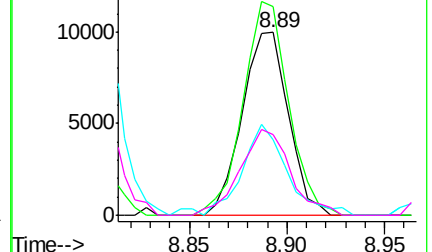
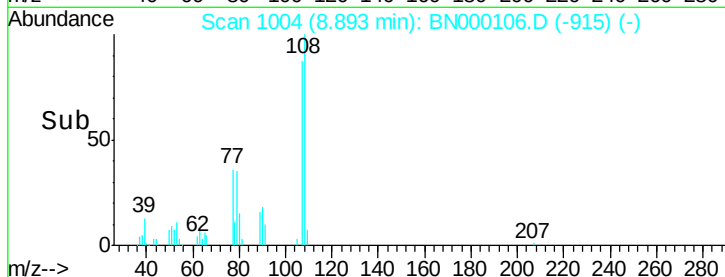


Abundance Ion 107.00 (106.70 to 107.70): E

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: 0.89 ng

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

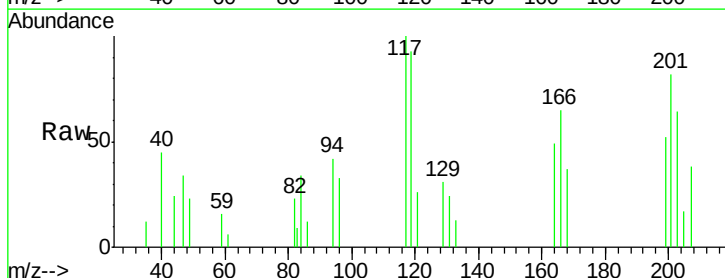
Tgt Ion:117 Resp: 7874

Ion Ratio Lower Upper

117 100

119 93.4 76.7 115.1

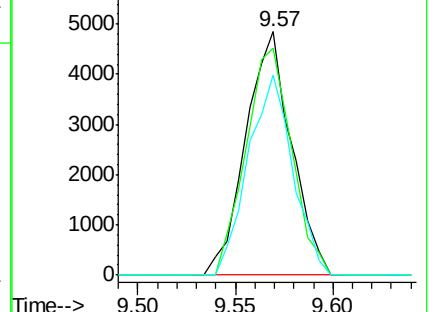
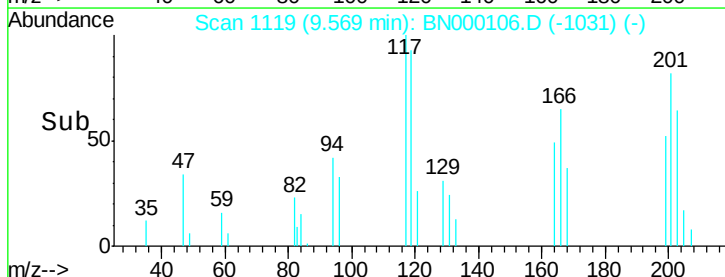
201 82.4 95.7 143.5#

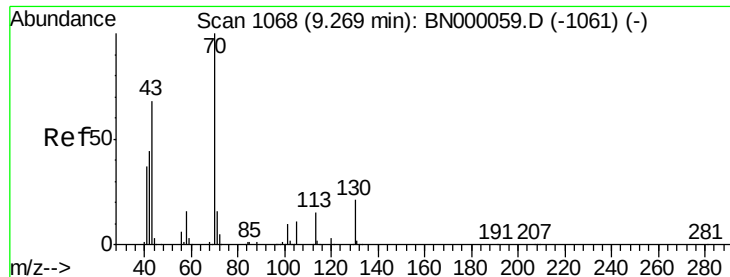


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

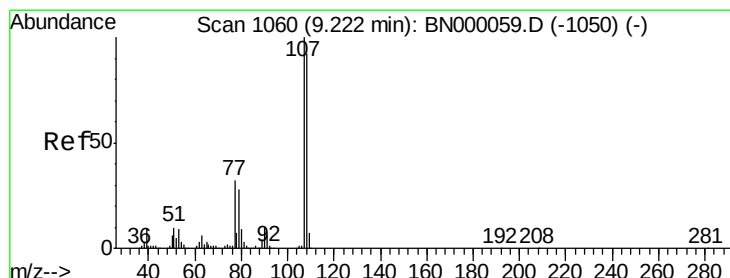
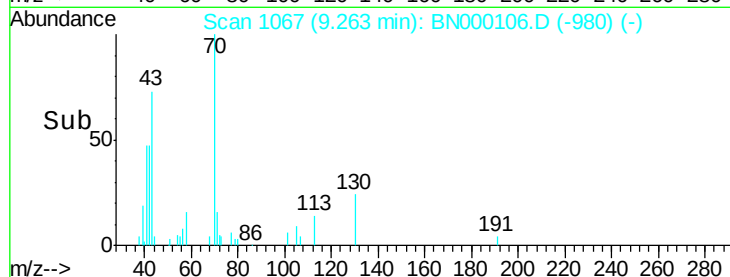
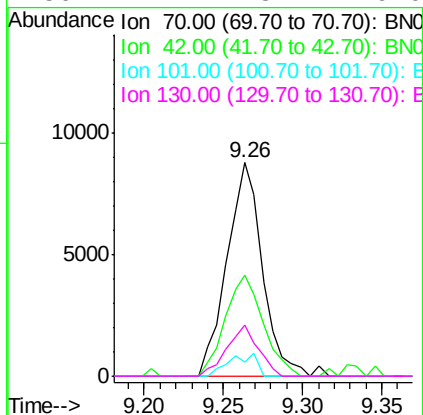
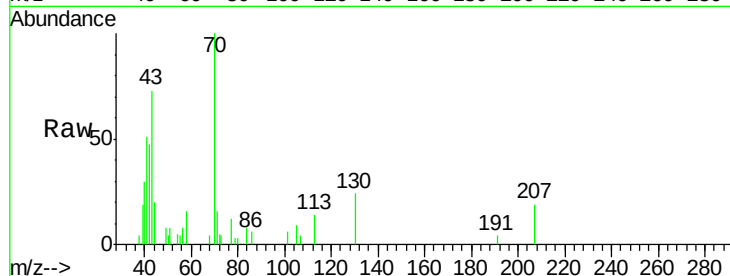




#19
n-Nitroso-di-n-propylamine
Concen: 0.72 ng
RT: 9.26 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

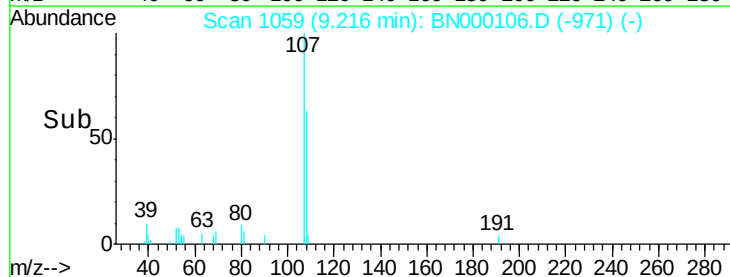
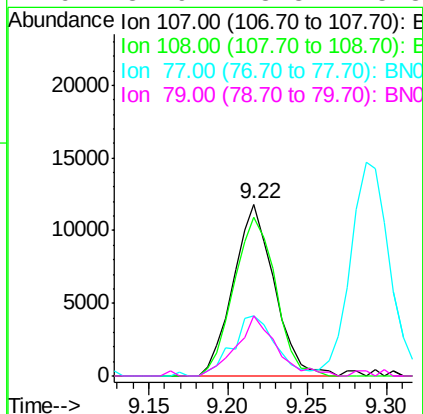
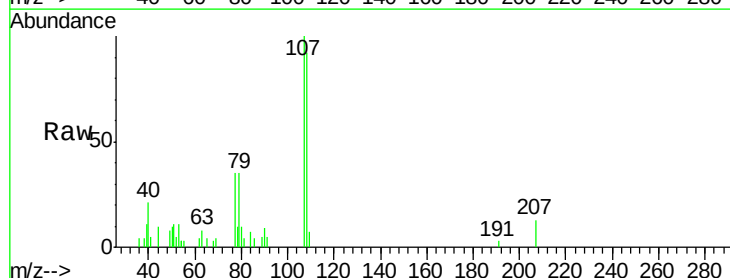
Instrument :
BNA_N
ClientSampleId :

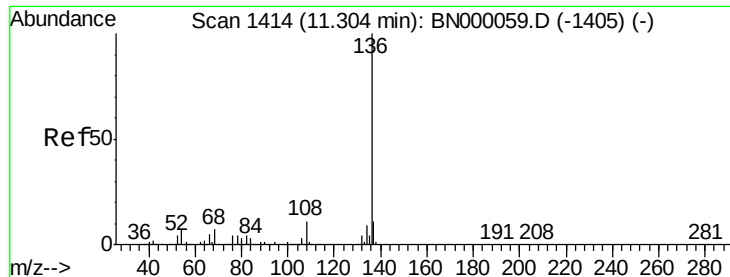
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.3	49.1	73.7#	
101	6.3	8.5	12.7#	
130	24.1	13.4	20.0#	



#20
3+4-Methylphenols
Concen: 0.71 ng
RT: 9.22 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.1	61.6	101.6	
77	35.2	13.9	53.9	
79	34.9	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.30 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 1548197

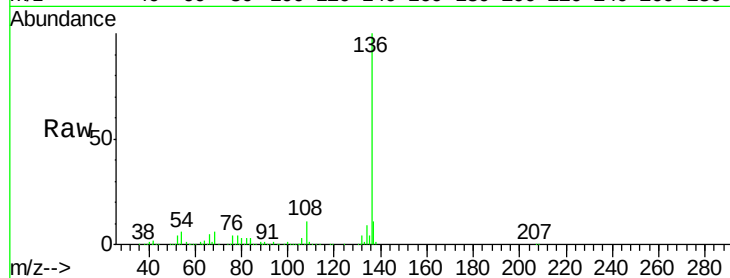
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 6.5 10.3 15.5#

68 6.3 4.5 6.7

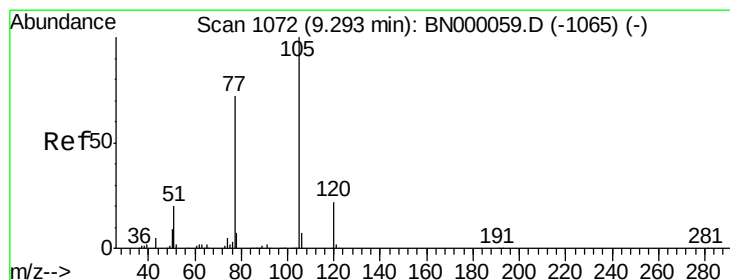
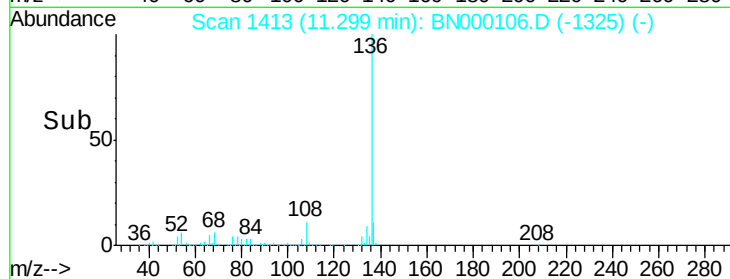
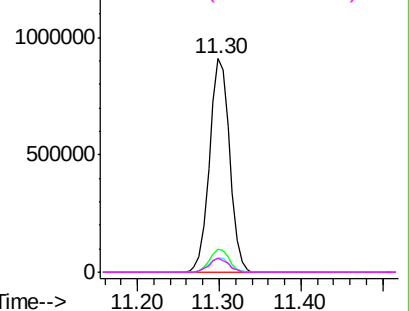


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#22

Acetophenone

Concen: 0.79 ng

RT: 9.29 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Tgt Ion:105 Resp: 34324

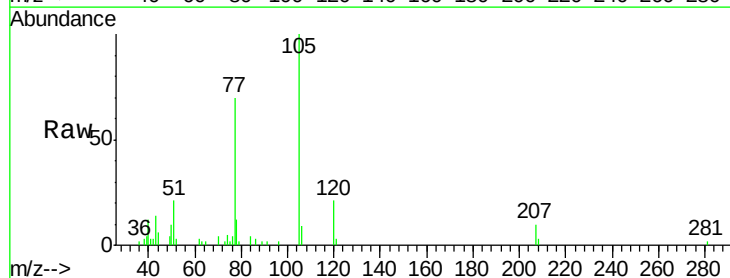
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.4#

51 21.3 26.1 39.1#

120 21.0 17.4 26.2

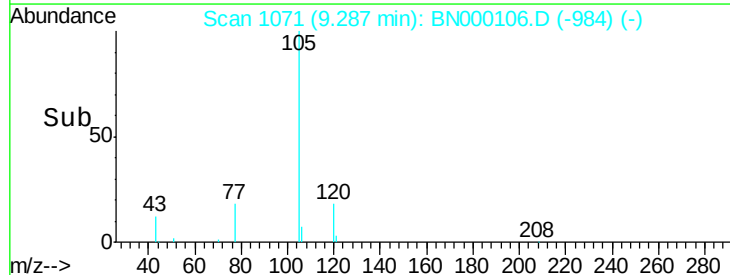
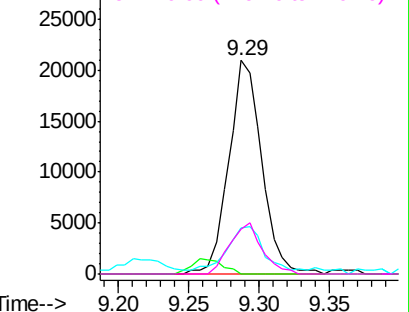


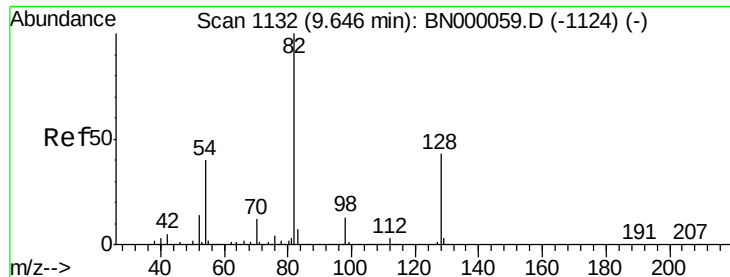
Abundance Ion 105.00 (104.70 to 105.70): E

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

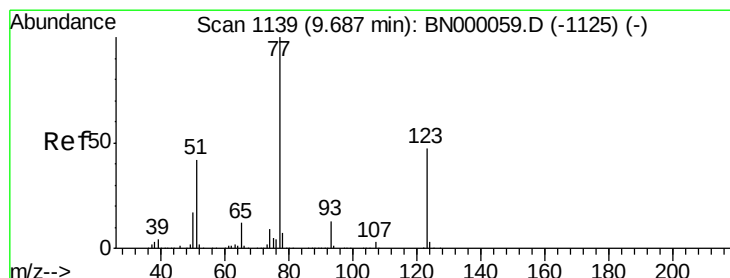
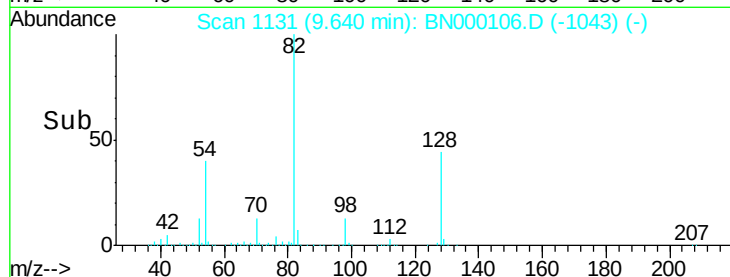
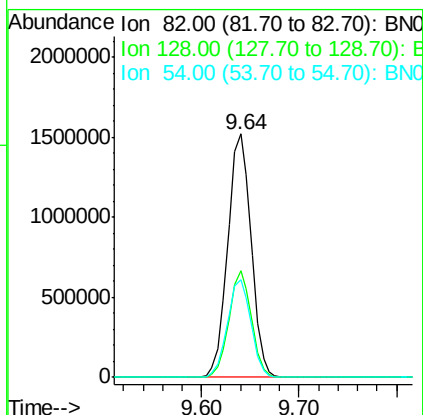
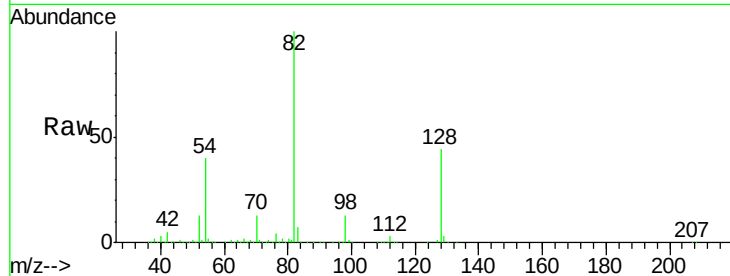




#23
 Nitrobenzene-d5
 Concen: 96.78 ng
 RT: 9.64 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

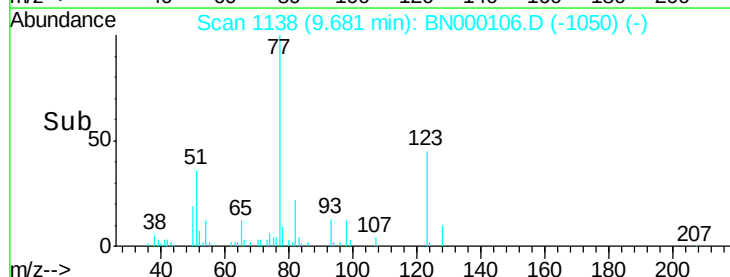
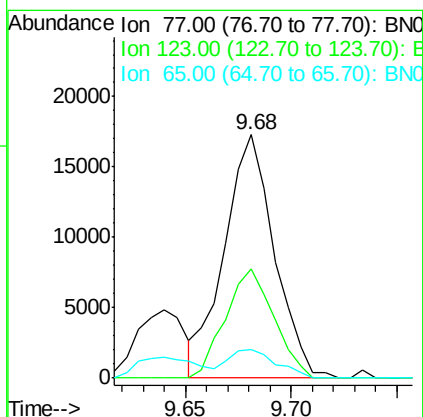
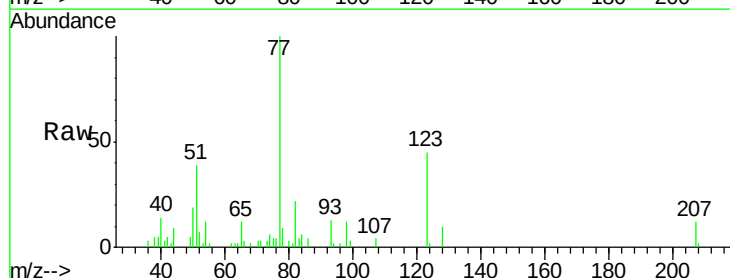
Instrument :
 BNA_N
 ClientSampled :

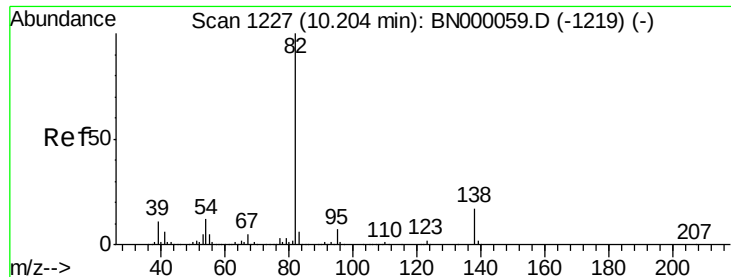
Tot Ion: 82 Resp: 2520076
 Ion Ratio Lower Upper
 82 100
 128 44.0 29.7 44.5
 54 40.2 43.1 64.7#



#24
 Nitrobenzene
 Concen: 1.00 ng
 RT: 9.68 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

Tgt Ion: 77 Resp: 28382
 Ion Ratio Lower Upper
 77 100
 123 44.7 33.0 49.6
 65 11.9 13.0 19.6#





#25

Isophorone

Concen: 0.72 ng

RT: 10.20 min Scan# 1226

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

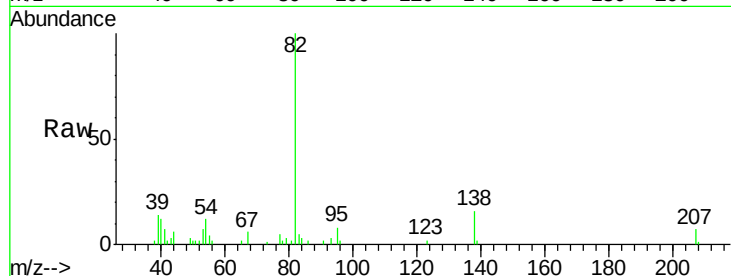
Tot Ion: 82 Resp: 38995

Ion Ratio Lower Upper

82 100

95 7.8 6.2 9.2

138 16.3 12.1 18.1

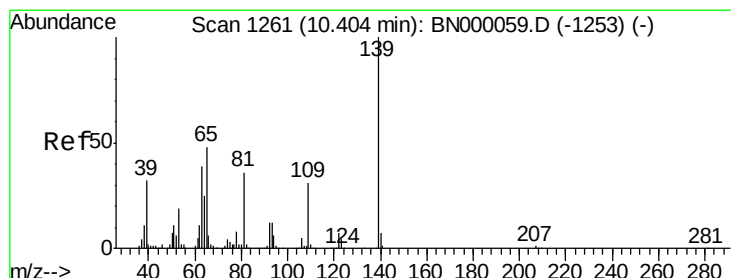
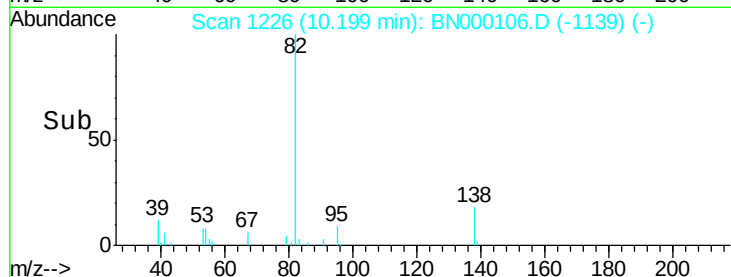


Abundance Ion 82.00 (81.70 to 82.70): BN000059.D (-1219) (-)

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

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

Time-->



#26

2-Nitrophenol

Concen: 7.64 ng

RT: 10.39 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

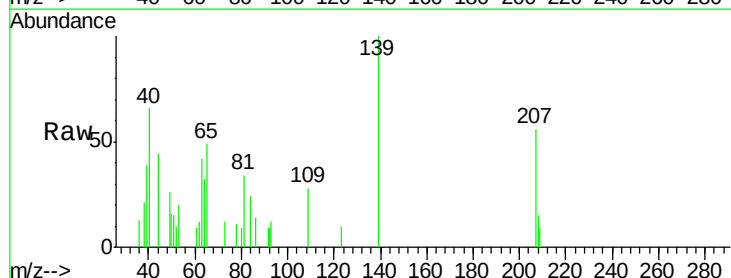
Tgt Ion: 139 Resp: 6165

Ion Ratio Lower Upper

139 100

109 28.4 24.2 36.2

65 49.1 47.4 71.0

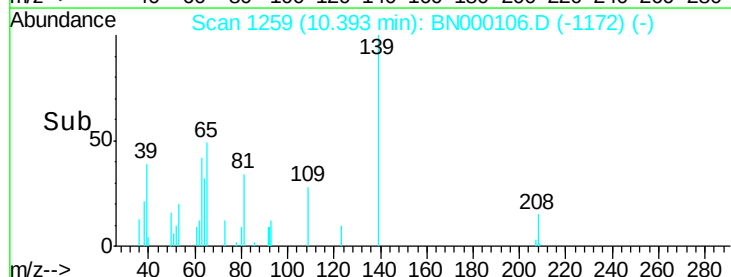


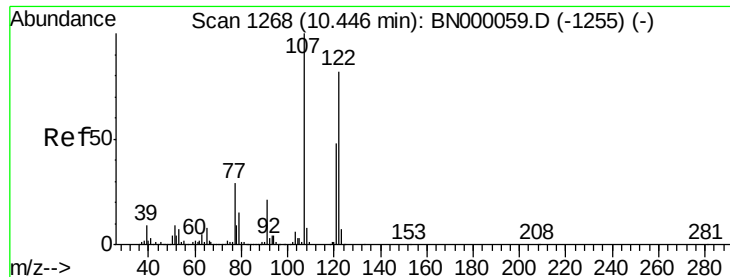
Abundance Ion 139.00 (138.70 to 139.70): BN000059.D (-1253) (-)

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

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

Time-->





#27

2,4-Dimethylphenol

Concen: 0.70 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

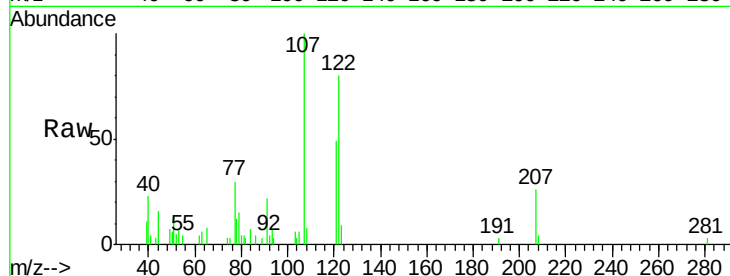
Tot Ion:122 Resp: 16394

Ion Ratio Lower Upper

122 100

107 125.7 100.2 150.2

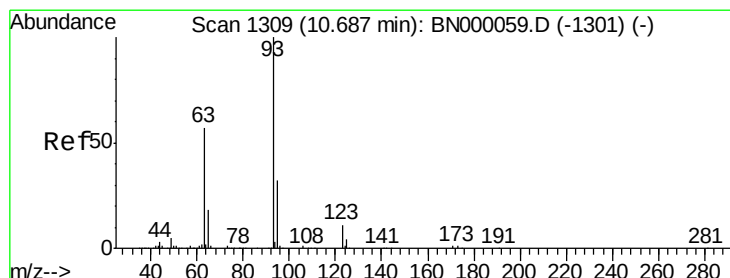
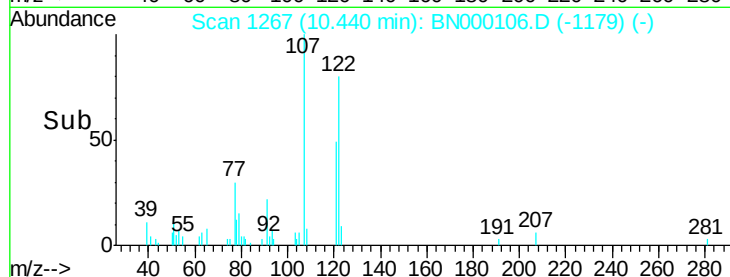
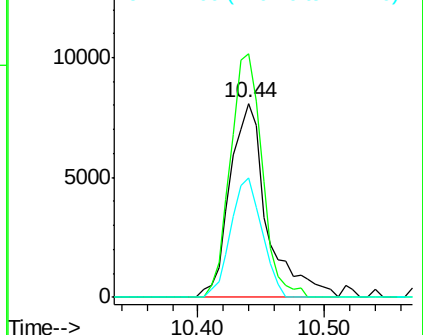
121 61.6 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 0.85 ng

RT: 10.68 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

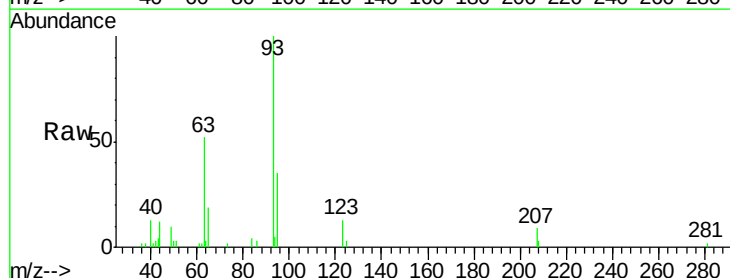
Tgt Ion: 93 Resp: 29231

Ion Ratio Lower Upper

93 100

95 34.7 24.3 36.5

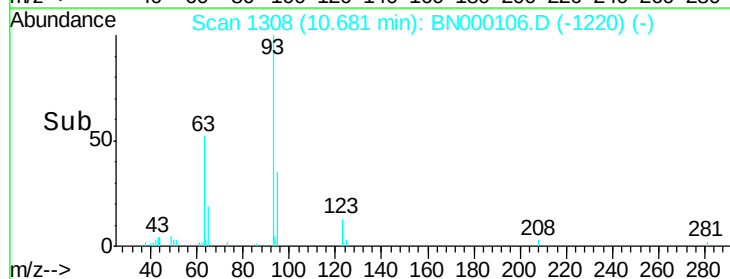
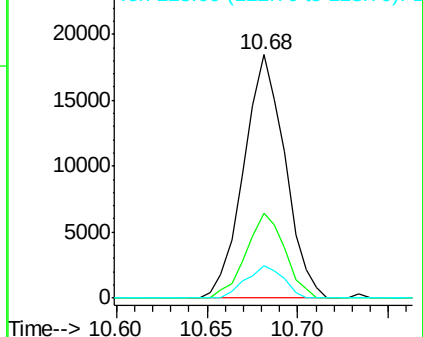
123 13.5 8.4 12.6#

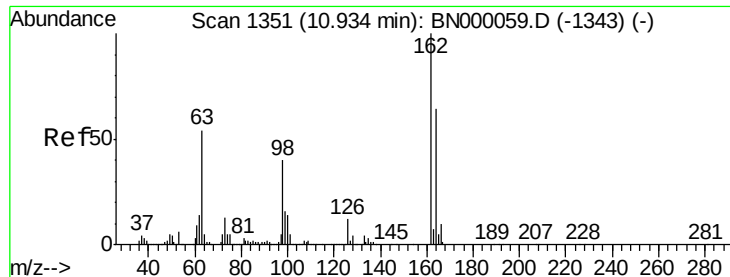


Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 95.00 (94.70 to 95.70): BN0

Ion 123.00 (122.70 to 123.70): E

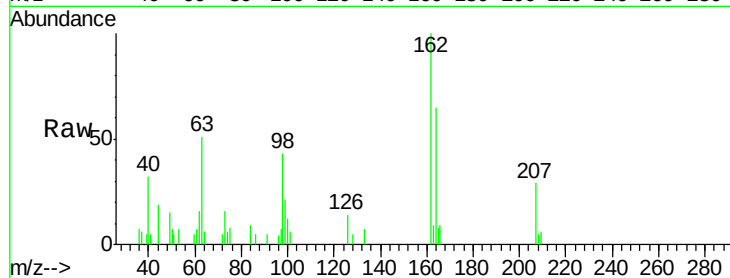




#29
2,4-Dichlorophenol
Concen: 0.57 ng
RT: 10.93 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	48.0	88.0
98	42.6	21.1	61.1

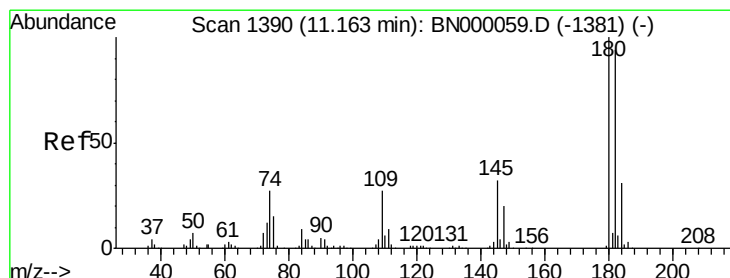
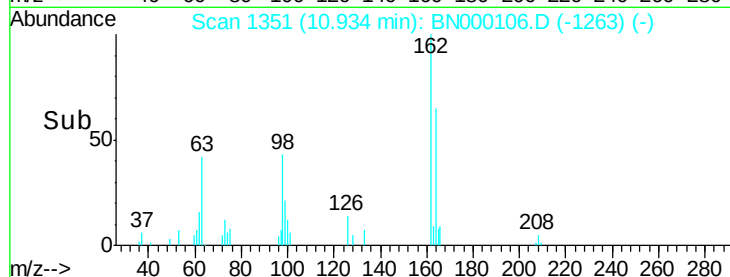
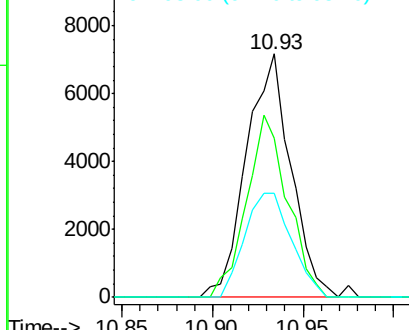


Abundance

Ion 162.00 (161.70 to 162.70): E

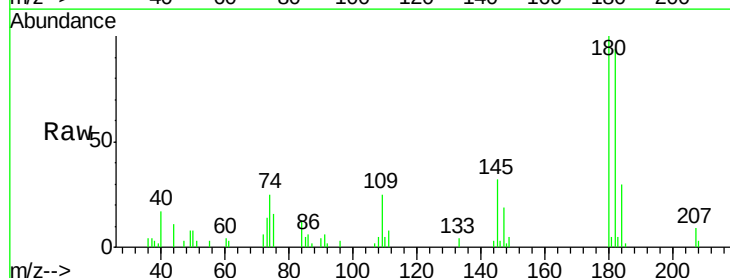
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC



#30
1,2,4-Trichlorobenzene
Concen: 1.01 ng
RT: 11.16 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.5	116.3
145	31.6	23.4	35.2

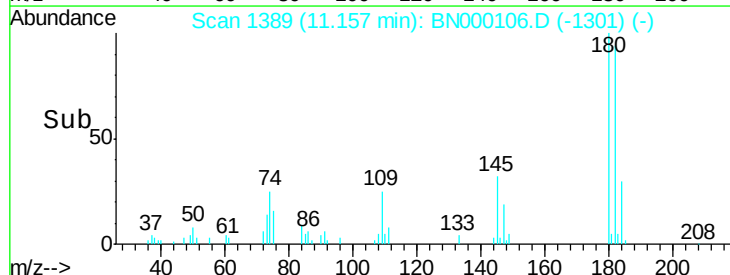
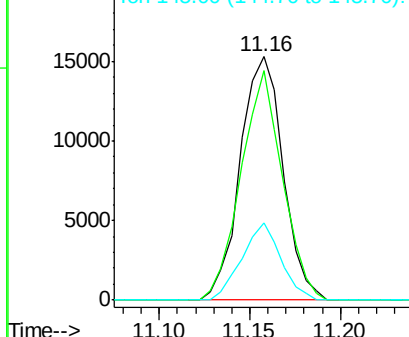


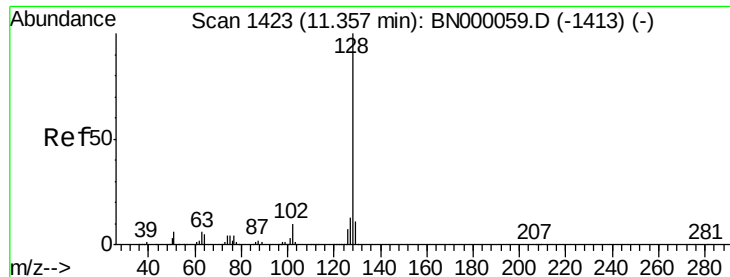
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

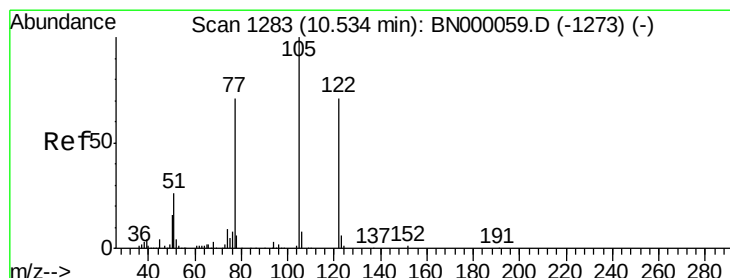
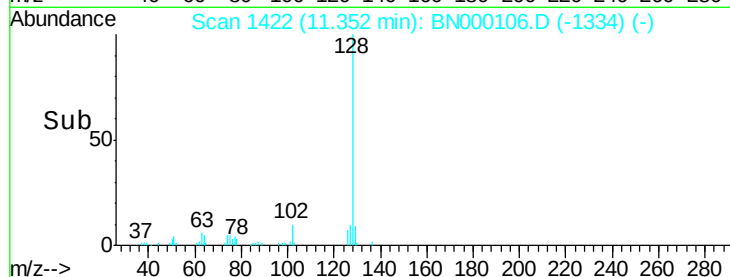
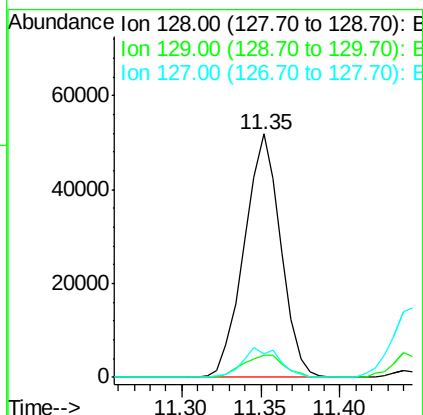
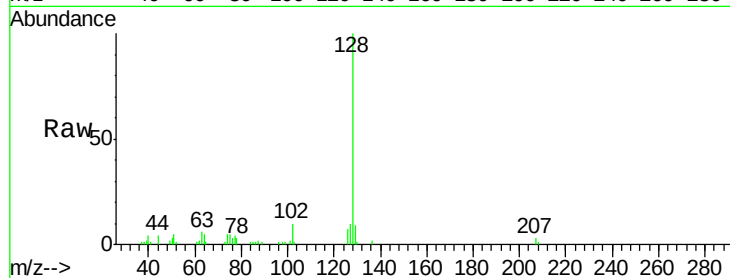




#31
Naphthalene
Concen: 0.98 ng
RT: 11.35 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

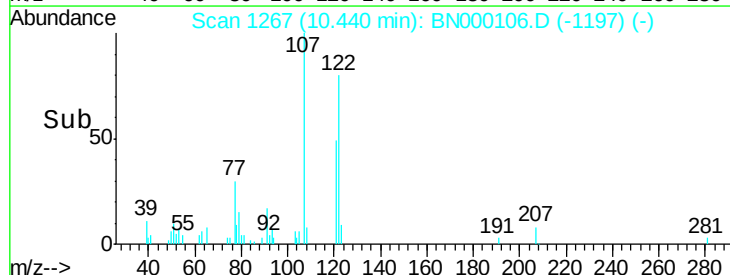
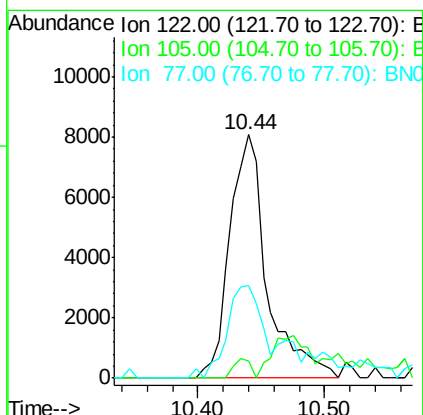
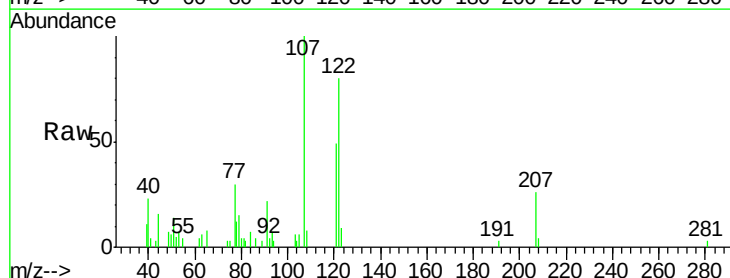
Instrument :
BNA_N
ClientSampleId :

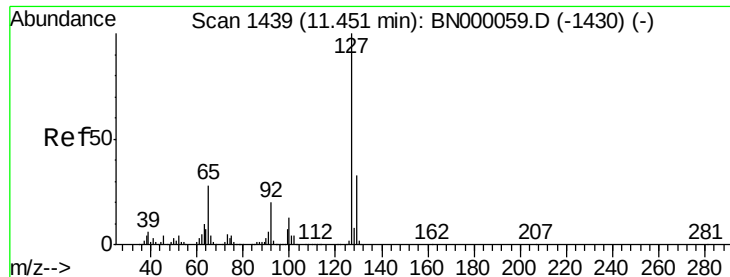
Tot Ion	Ratio	Lower	Upper
128	100		
129	9.3	8.6	12.8
127	9.8	11.6	17.4#



#32
Benzoic acid
Concen: 11.28 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.12 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	7.2	123.5	163.5#
77	37.8	85.7	125.7#

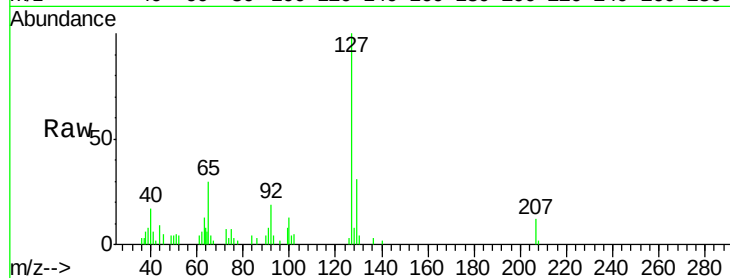




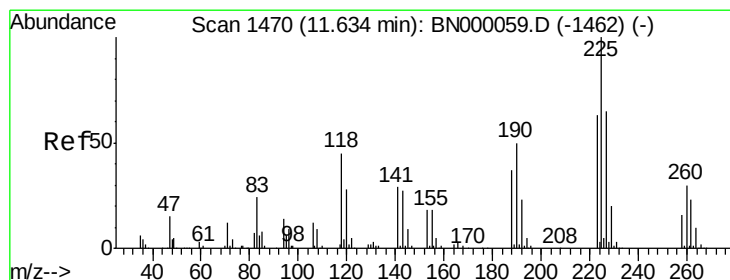
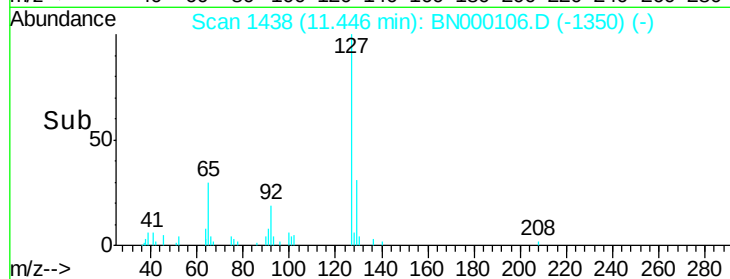
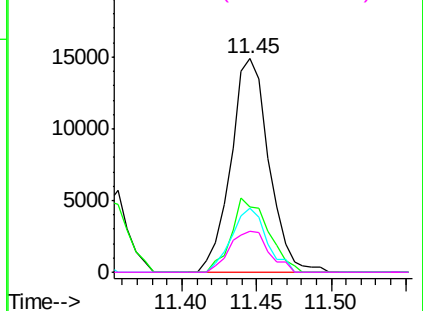
#33
4-Chloroaniline
Concen: 0.71 ng
RT: 11.45 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion:127	Resp:	26413
Ion Ratio	Lower	Upper
127	100	
129	30.6	24.0 36.0
65	30.0	27.0 40.4
92	19.0	16.6 25.0

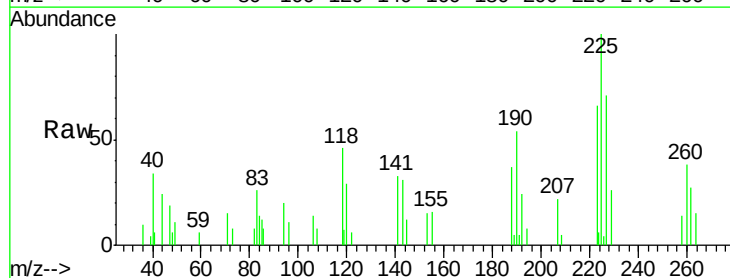


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

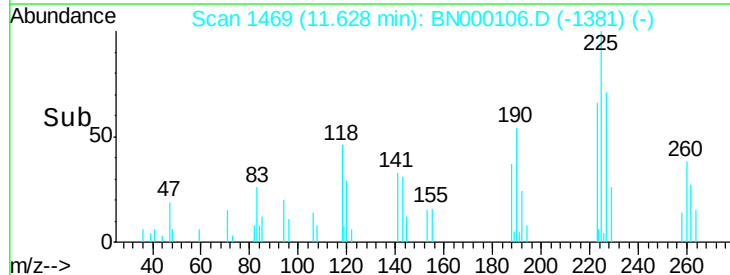
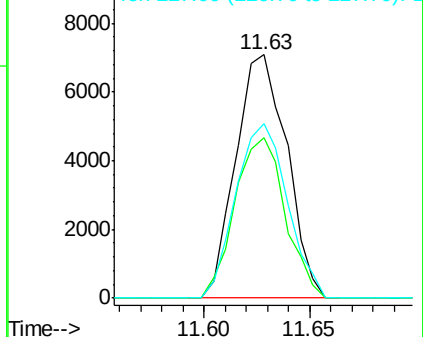


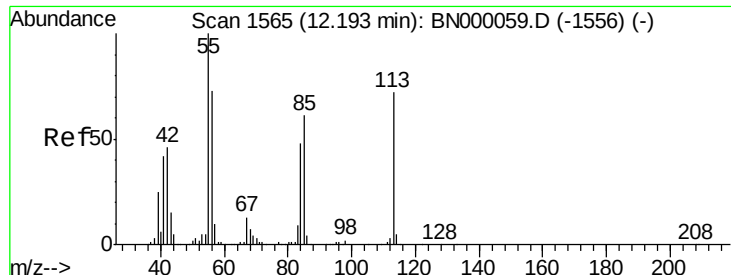
#34
Hexachlorobutadiene
Concen: 0.92 ng
RT: 11.63 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion:225	Resp:	11836
Ion Ratio	Lower	Upper
225	100	
223	68.7	49.7 74.5
227	68.5	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: 4.40 ng

RT: 12.17 min Scan# 1561

Delta R.T. -0.03 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

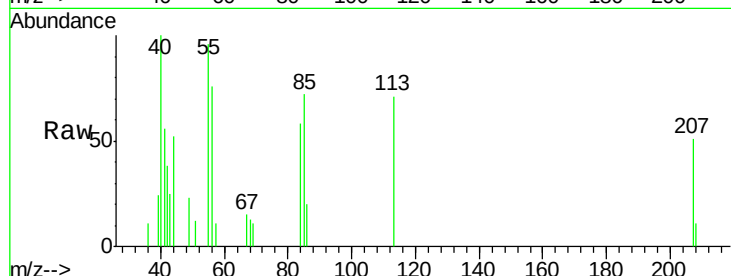
Tot Ion:113 Resp: 3939

Ion Ratio Lower Upper

113 100

55 133.9 120.0 160.0

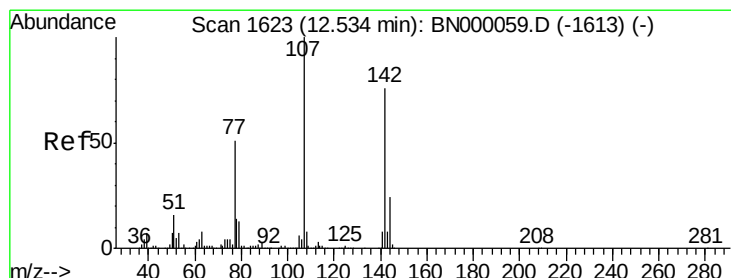
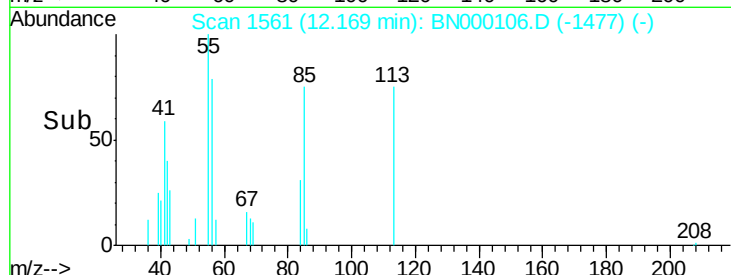
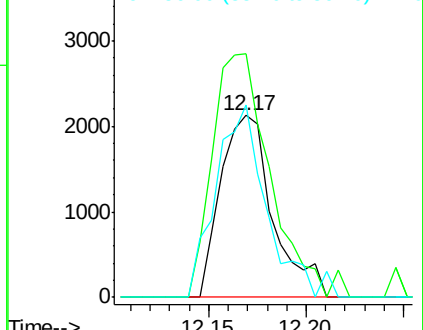
56 106.2 90.0 130.0



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: 0.54 ng

RT: 12.53 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

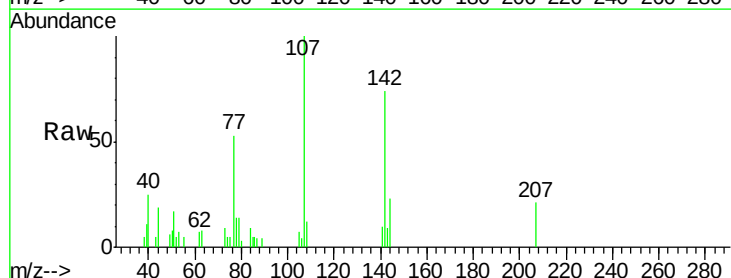
Tgt Ion:107 Resp: 14852

Ion Ratio Lower Upper

107 100

144 23.1 18.2 27.4

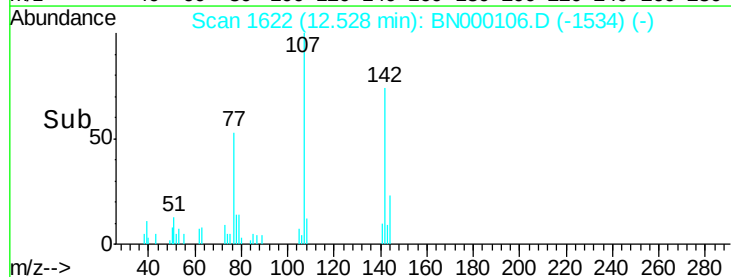
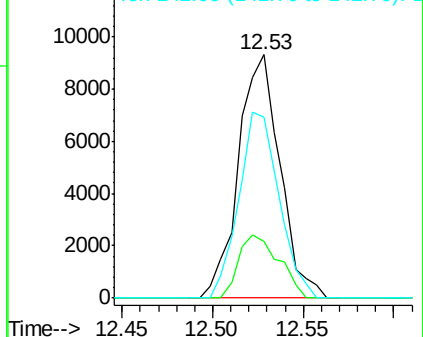
142 74.5 59.0 88.4

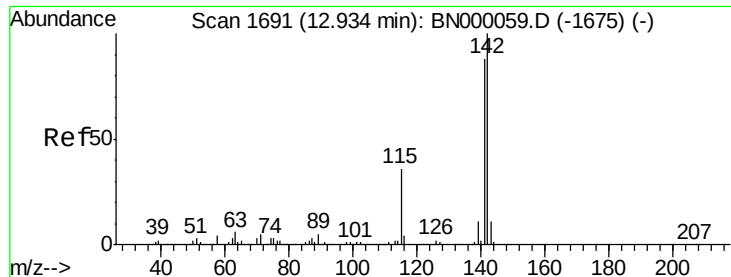


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

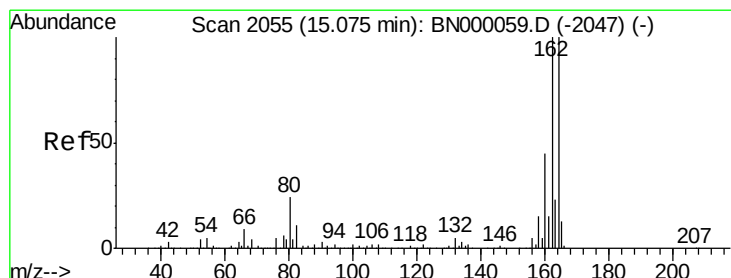
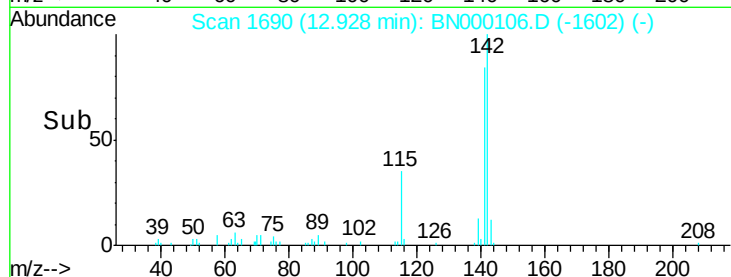
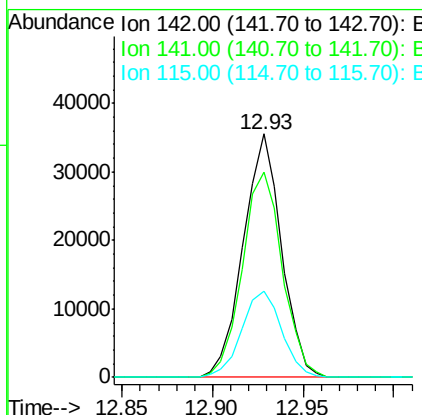
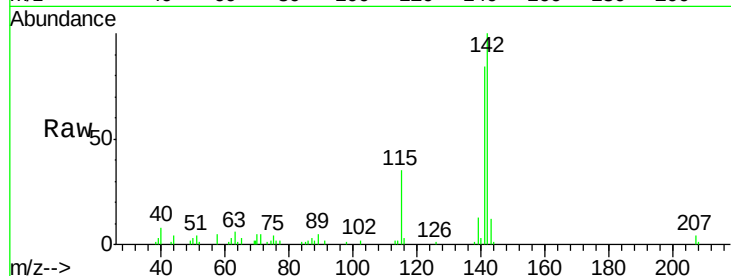




#37
2-Methylnaphthalene
Concen: 0.88 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

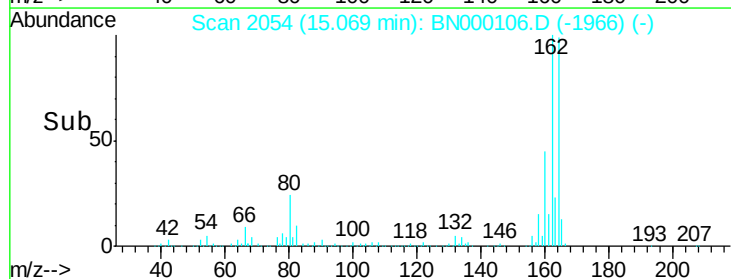
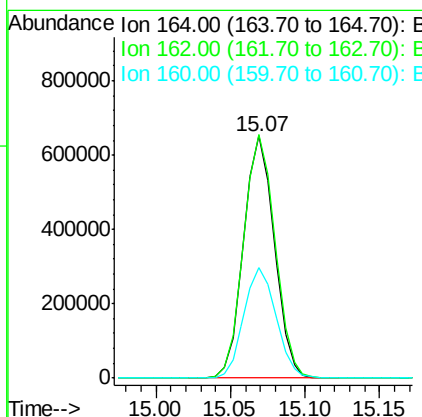
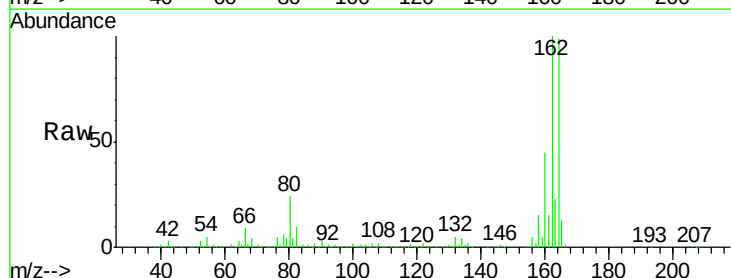
Instrument :
BNA_N
ClientSampleId :

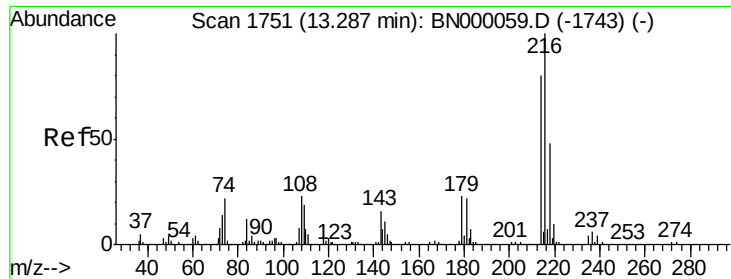
Tot Ion:142 Resp: 52109
Ion Ratio Lower Upper
142 100
141 84.2 67.1 100.7
115 35.2 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion:164 Resp: 929058
Ion Ratio Lower Upper
164 100
162 100.7 78.8 118.2
160 45.6 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.95 ng

RT: 13.28 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BN000106.D

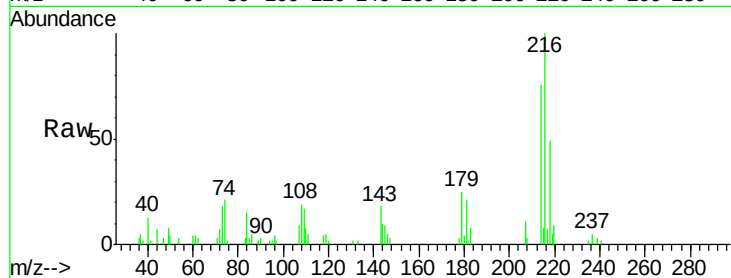
Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampled :

Tot Ion:	216	Resp:	26124
Ion	Ratio	Lower	Upper
216	100		
214	77.2	63.0	94.4
179	24.8	17.0	25.6
108	21.7	12.8	19.2#

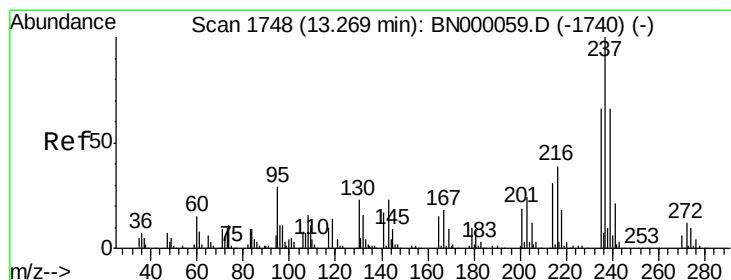
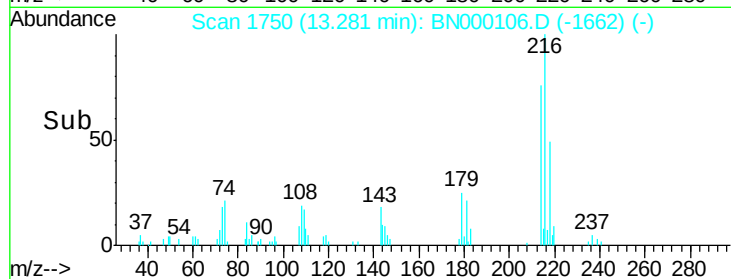
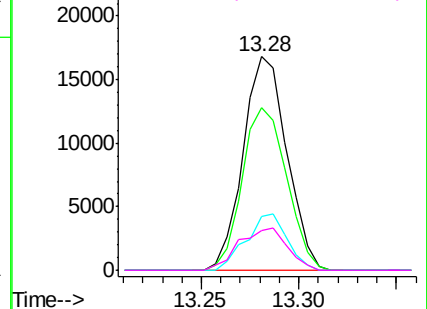


Abundance Ion 216.00 (215.70 to 216.70): E

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: 0.65 ng

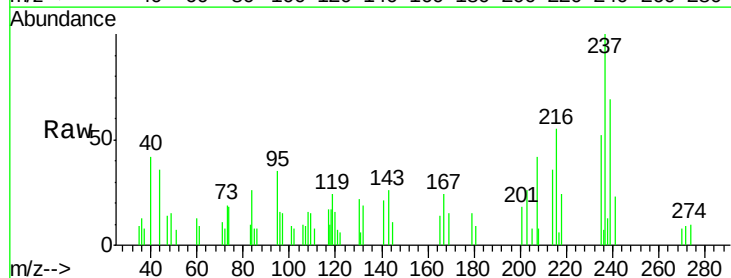
RT: 13.26 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

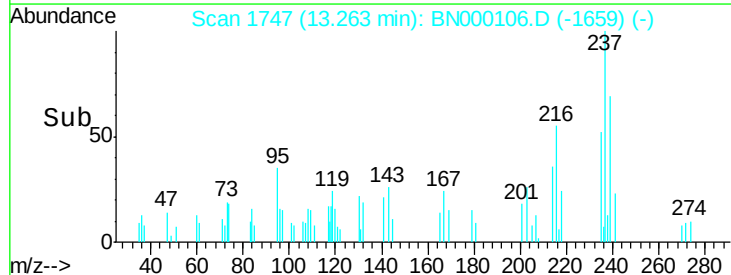
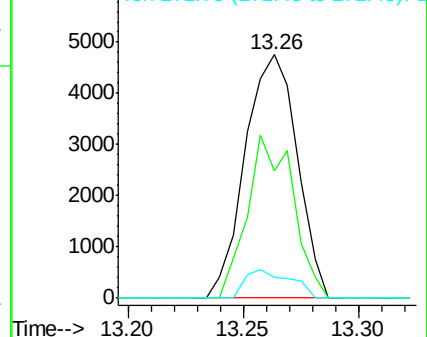
Tgt Ion:	237	Resp:	7457
Ion	Ratio	Lower	Upper
237	100		
235	52.3	50.4	90.4
272	8.6	0.0	31.8

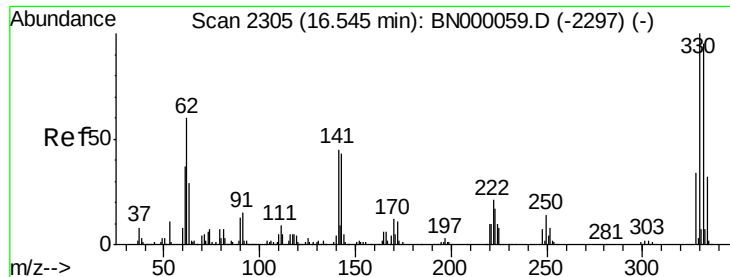


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

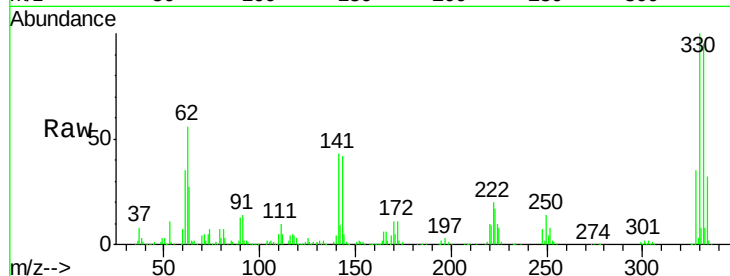




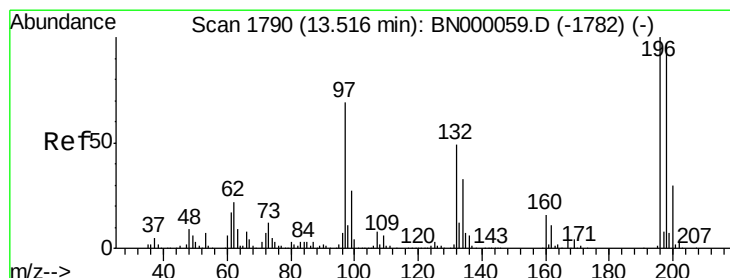
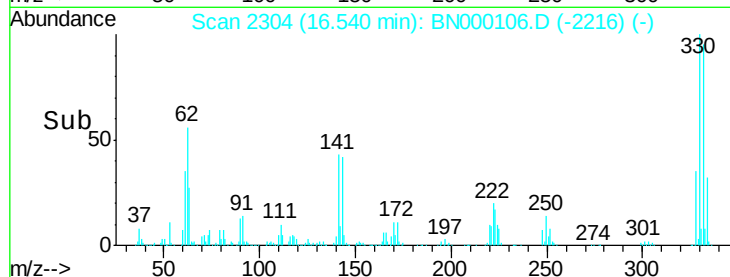
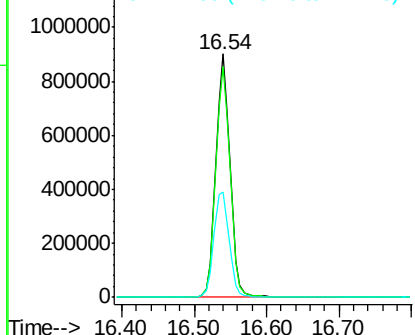
#41
 2,4,6-Tribromophenol
 Concen: 134.21 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 1234212
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 47.0 25.2 37.8#

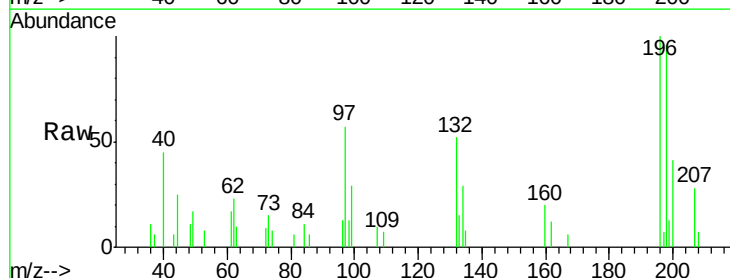


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

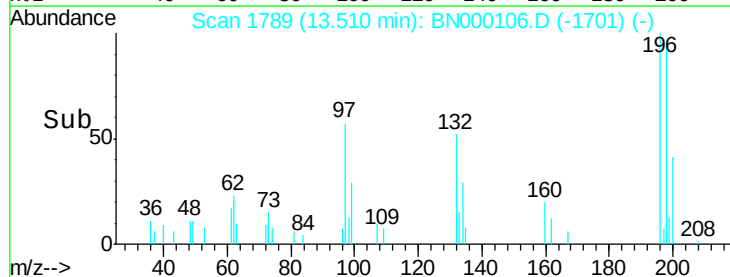
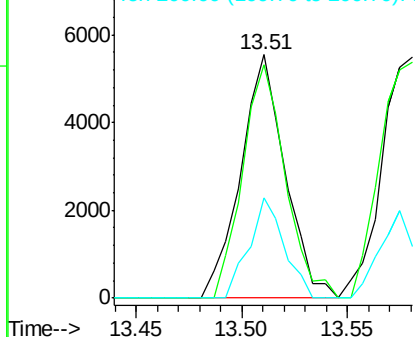


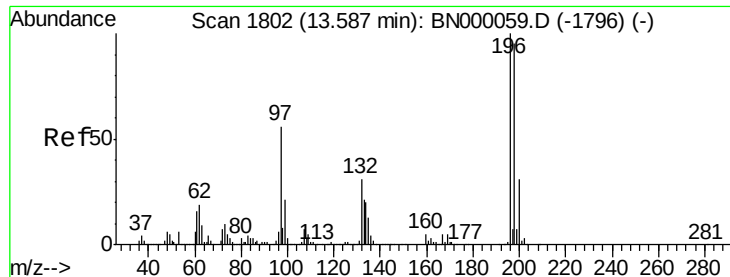
#42
 2,4,6-Trichlorophenol
 Concen: 0.49 ng
 RT: 13.51 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

Tgt Ion:196 Resp: 8132
 Ion Ratio Lower Upper
 196 100
 198 96.1 78.2 117.2
 200 41.1 24.6 36.8#



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

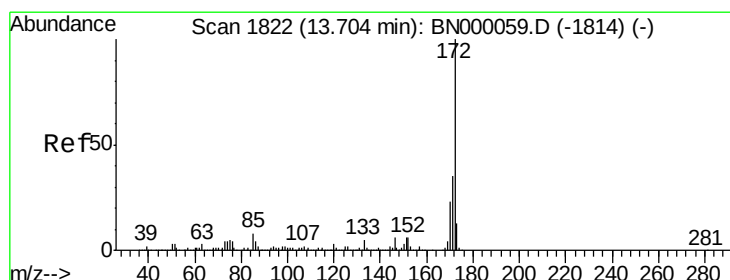
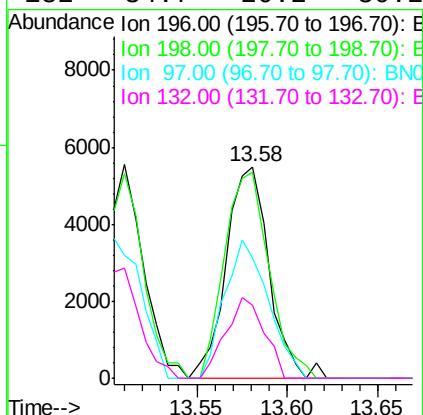
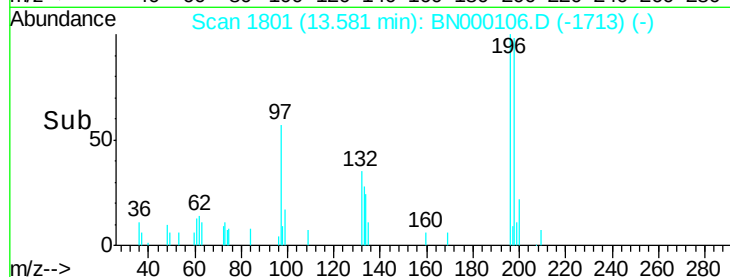
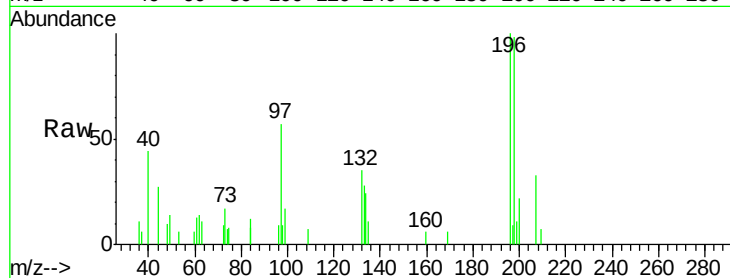




#43
2,4,5-Trichlorophenol
Concen: 0.46 ng
RT: 13.58 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

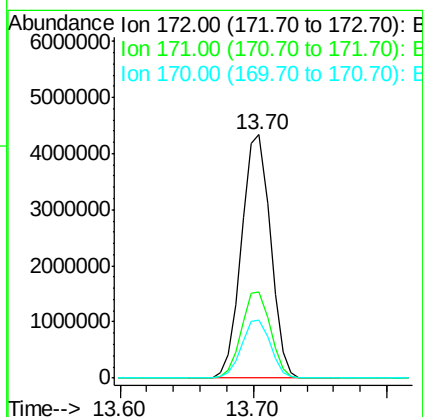
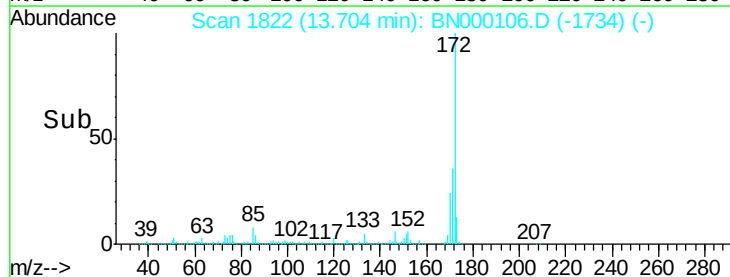
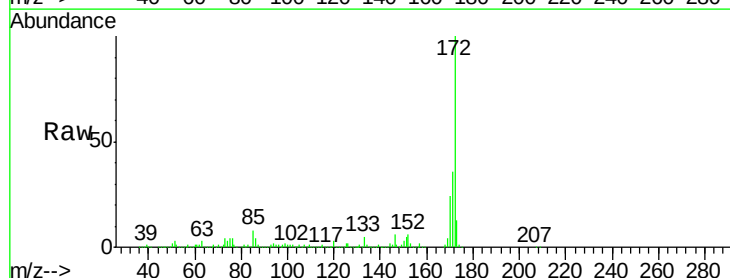
Instrument :
BNA_N
ClientSampled :

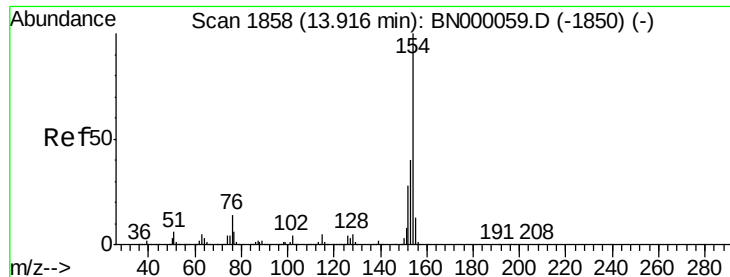
Tot Ion:196 Resp: 9024
Ion Ratio Lower Upper
196 100
198 97.7 76.2 114.4
97 56.6 38.7 58.1
132 34.7 20.2 30.2#



#44
2-Fluorobiphenyl
Concen: 98.54 ng
RT: 13.70 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion:172 Resp: 6495300
Ion Ratio Lower Upper
172 100
171 35.5 30.0 45.0
170 24.1 19.5 29.3





#45

1,1'-Biphenyl

Concen: 1.08 ng

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

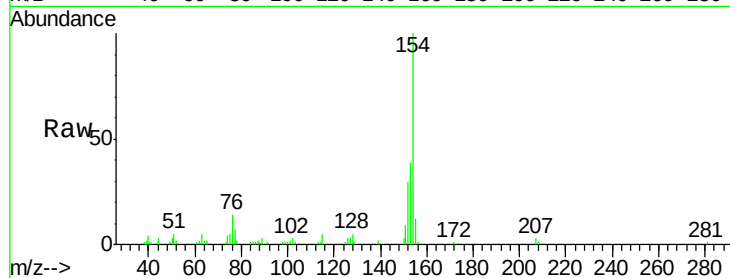
Tot Ion:154 Resp: 88092

Ion Ratio Lower Upper

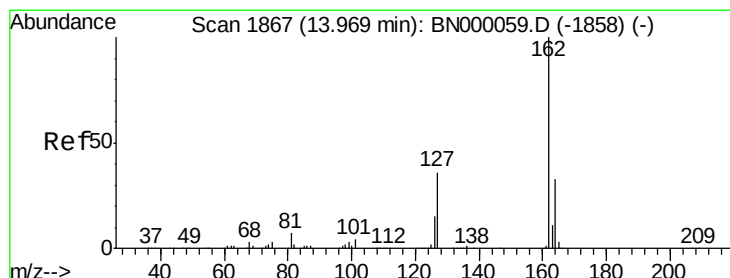
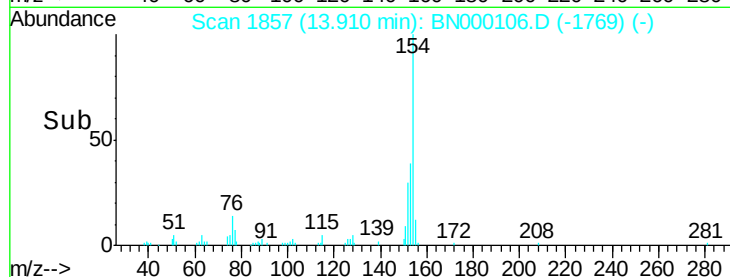
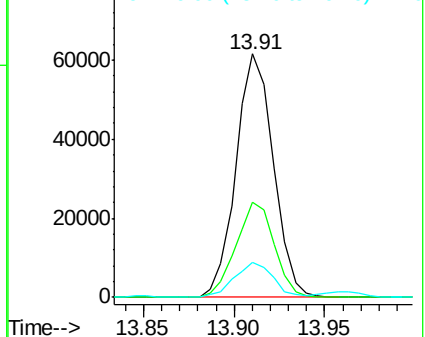
154 100

153 39.1 19.8 59.8

76 14.2 0.0 31.9



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



#46

2-Chloronaphthalene

Concen: 0.95 ng

RT: 13.96 min Scan# 1865

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

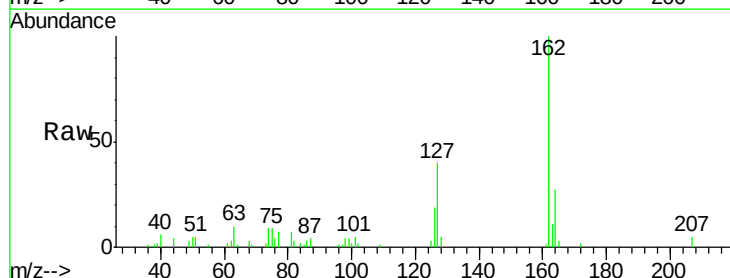
Tgt Ion:162 Resp: 58283

Ion Ratio Lower Upper

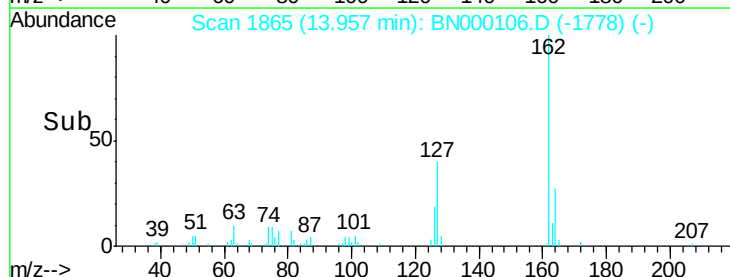
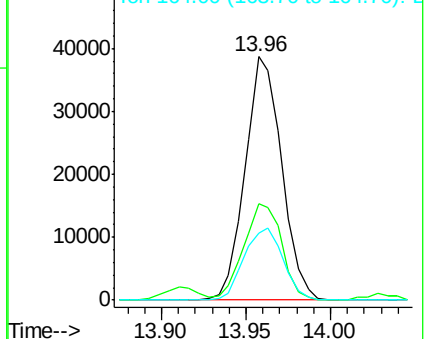
162 100

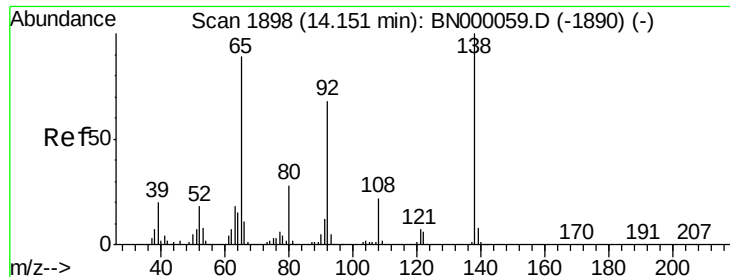
127 39.6 30.7 46.1

164 27.4 26.0 39.0



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

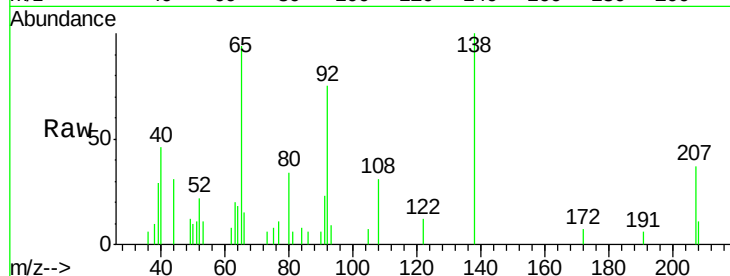




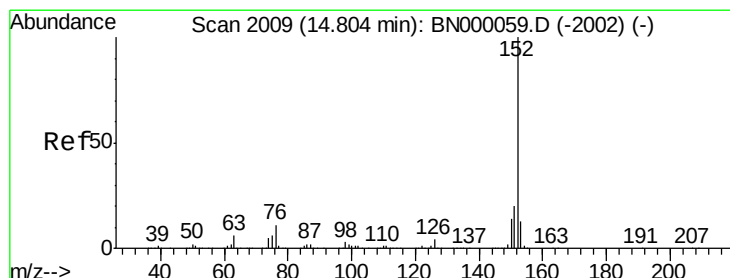
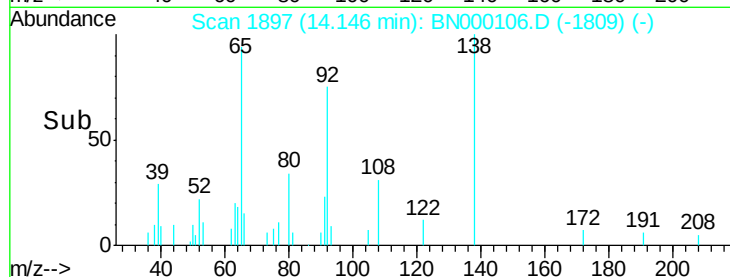
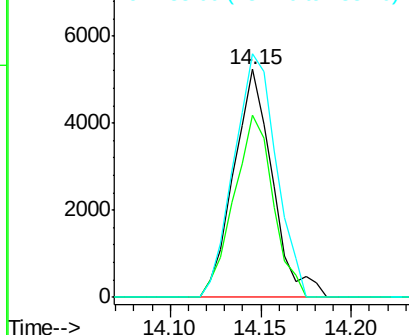
#47
2-Nitroaniline
Concen: 5.27 ng
RT: 14.15 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 65 Resp: 7774
Ion Ratio Lower Upper
65 100
92 80.0 54.6 82.0
138 106.8 72.9 109.3

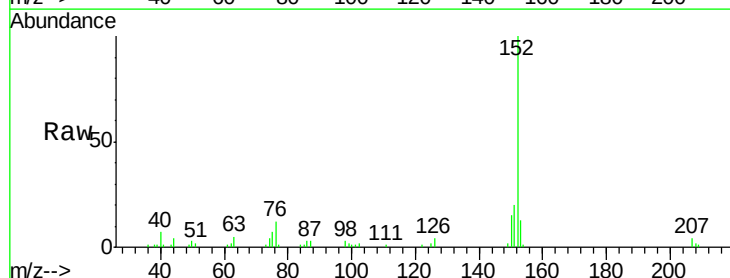


Abundance Ion 65.00 (64.70 to 65.70): BNO
Ion 92.00 (91.70 to 92.70): BNO
Ion 138.00 (137.70 to 138.70): B

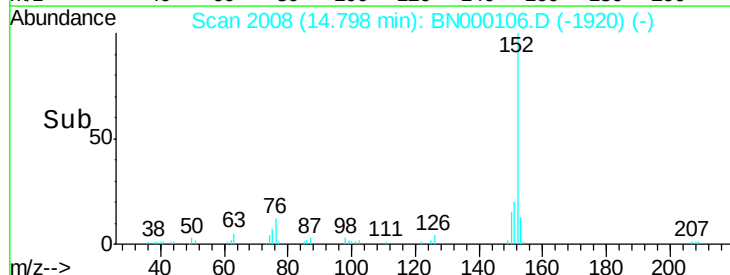
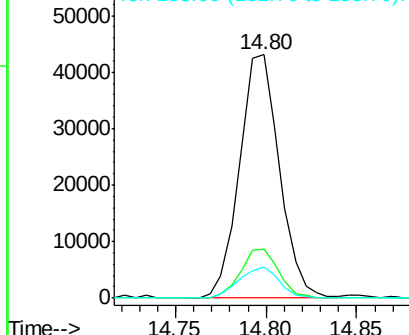


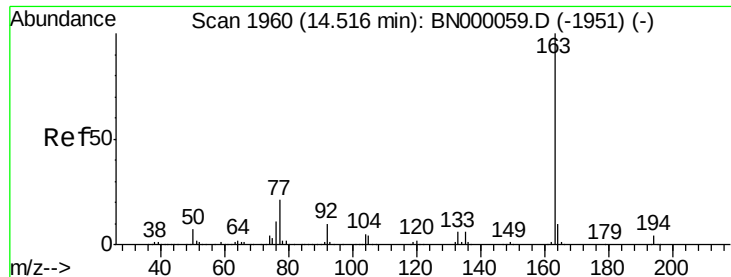
#48
Acenaphthylene
Concen: 0.67 ng
RT: 14.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion: 152 Resp: 66123
Ion Ratio Lower Upper
152 100
151 20.1 17.2 25.8
153 12.7 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: 0.78 ng

RT: 14.50 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

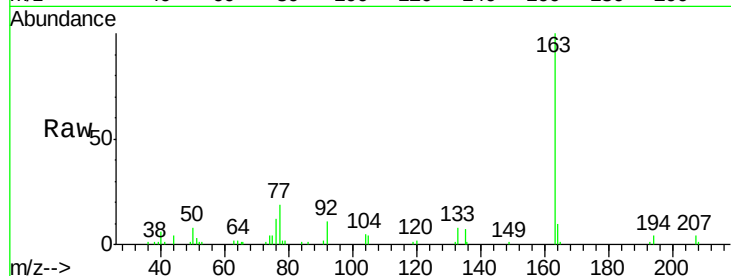
Tot Ion:163 Resp: 60278

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

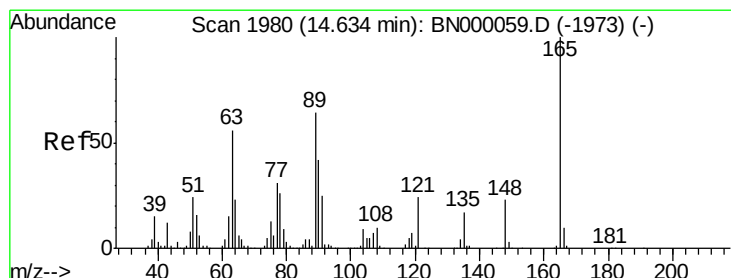
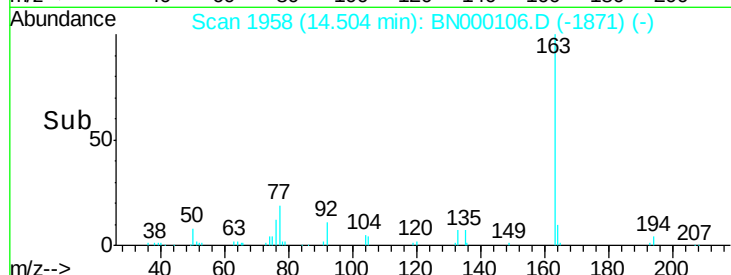
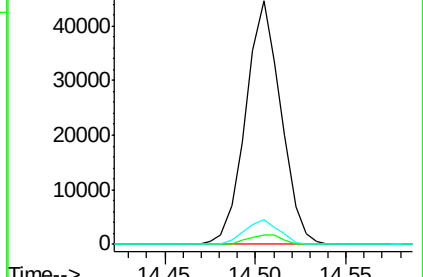
164 9.9 8.2 12.4



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: 0.40 ng

RT: 14.63 min Scan# 1979

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

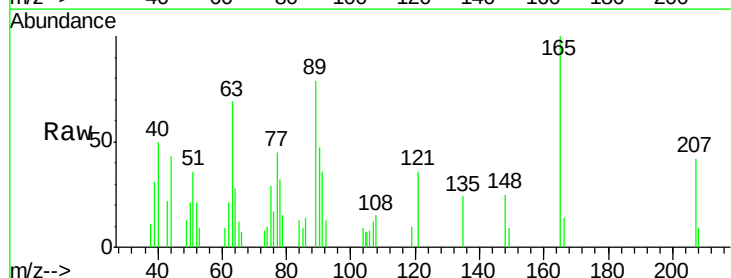
Tgt Ion:165 Resp: 6418

Ion Ratio Lower Upper

165 100

63 69.2 52.7 79.1

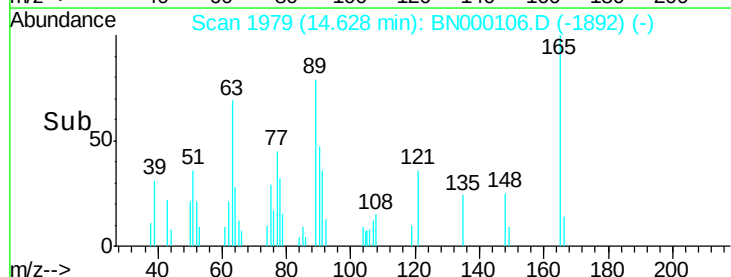
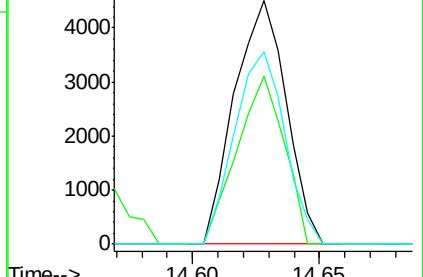
89 79.0 49.2 73.8#

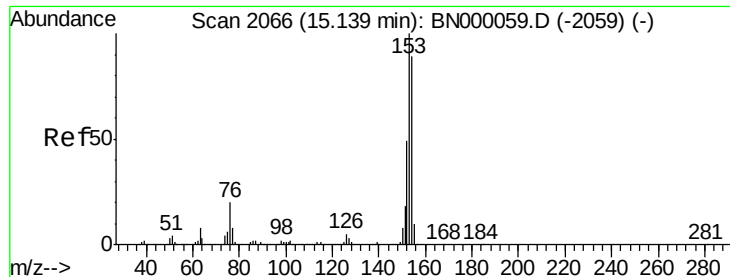


Abundance Ion 165.00 (164.70 to 165.70): E

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: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

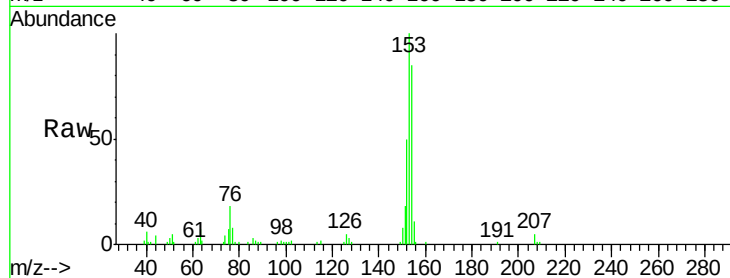
Tot Ion:154 Resp: 59632

Ion Ratio Lower Upper

154 100

153 118.3 90.4 135.6

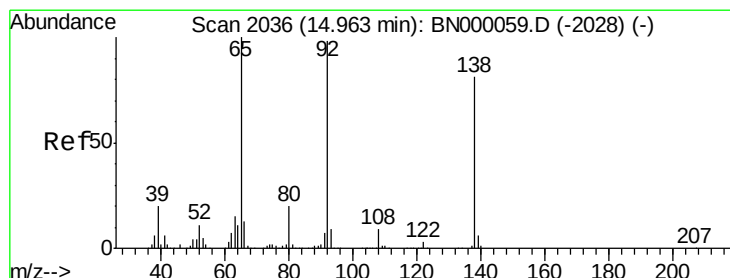
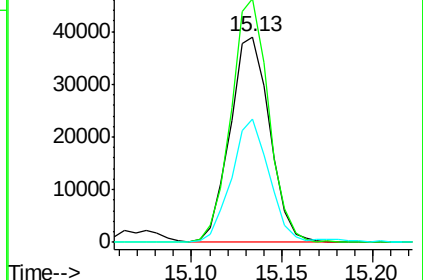
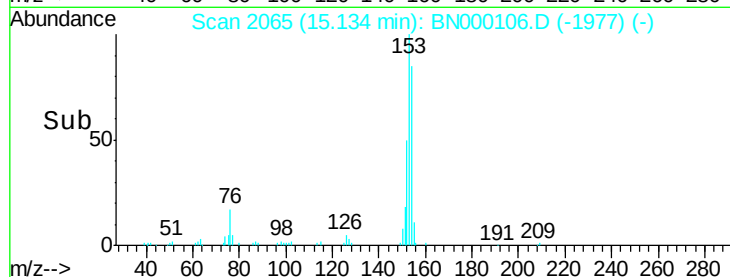
152 59.7 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 0.41 ng

RT: 14.95 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

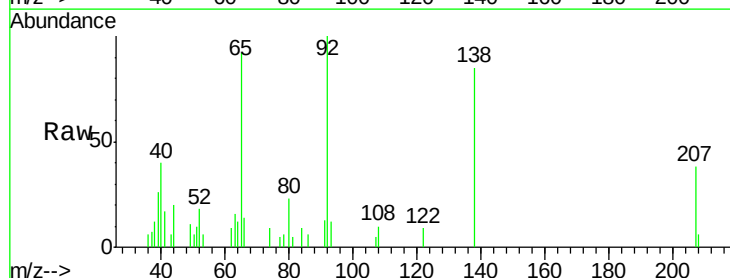
Tgt Ion:138 Resp: 8074

Ion Ratio Lower Upper

138 100

108 12.4 17.5 26.3#

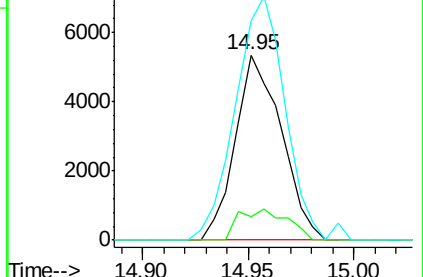
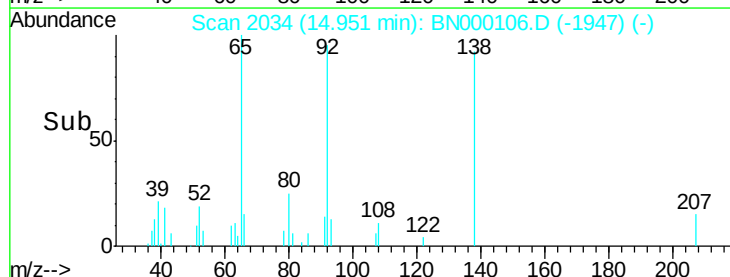
92 118.0 105.8 158.8

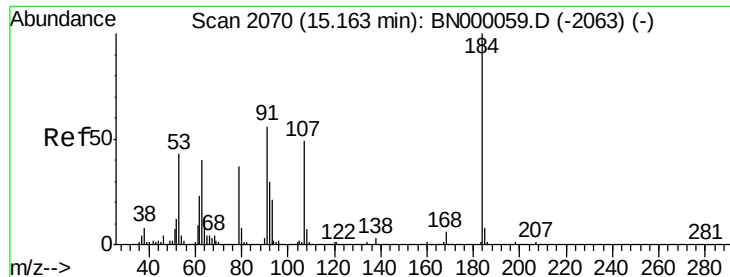


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

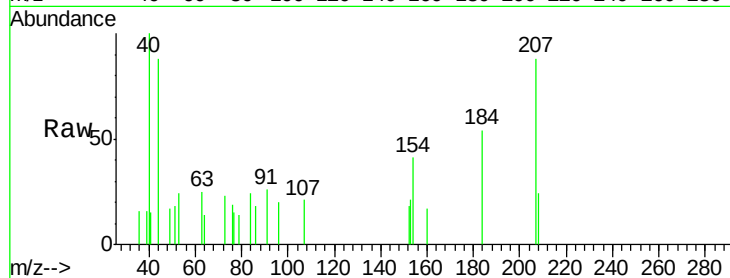




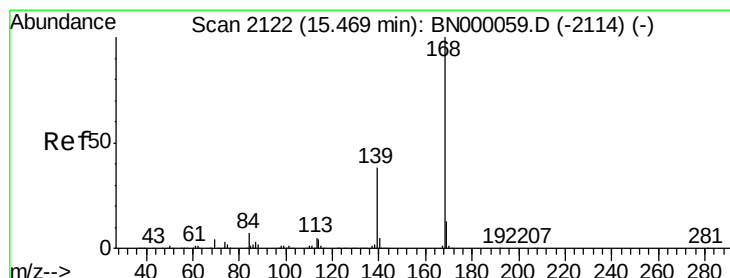
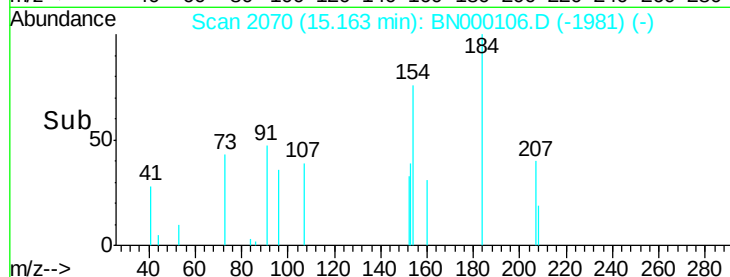
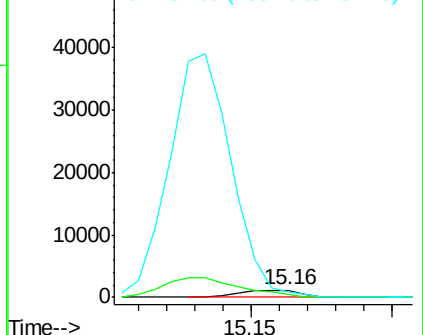
#53
2,4-Dinitrophenol
Concen: 9.49 ng
RT: 15.16 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Instrument :
BNA_N
ClientSampled :

Tot Ion:184 Resp: 1707
Ion Ratio Lower Upper
184 100
63 46.3 80.0 120.0#
154 75.8 308.0 462.0#

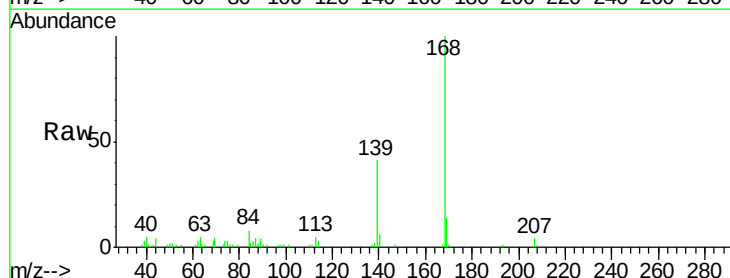


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

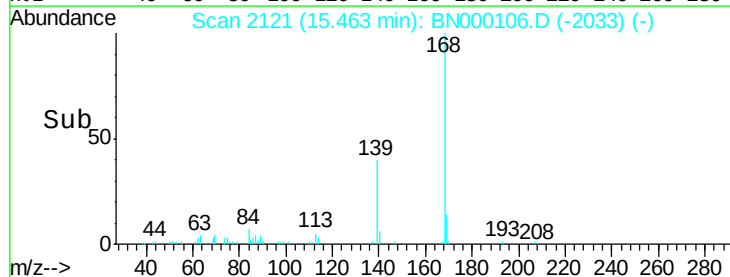
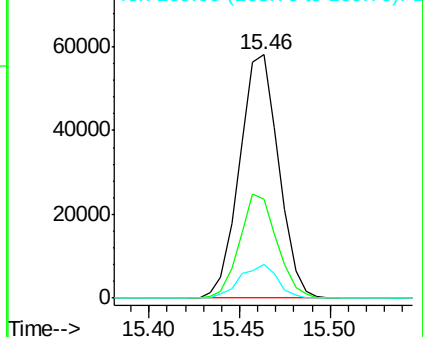


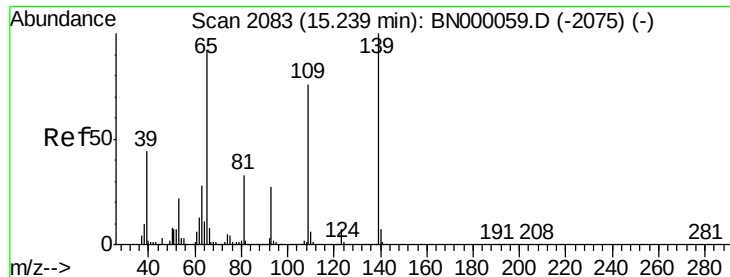
#54
Dibenzofuran
Concen: 0.95 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion:168 Resp: 86657
Ion Ratio Lower Upper
168 100
139 40.7 28.6 43.0
169 13.7 11.2 16.8



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

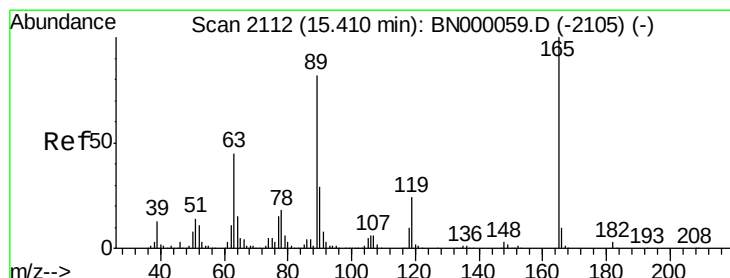
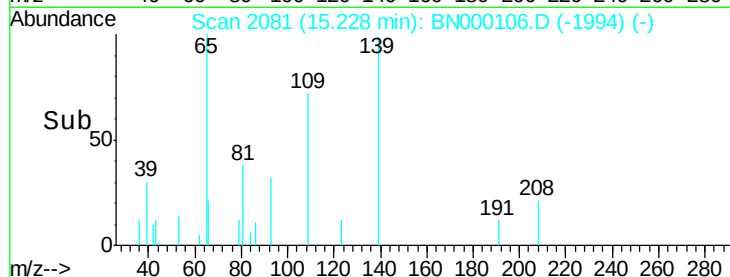
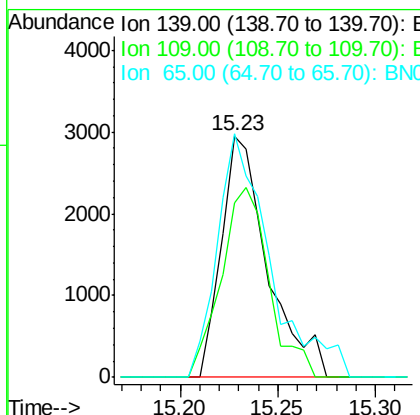
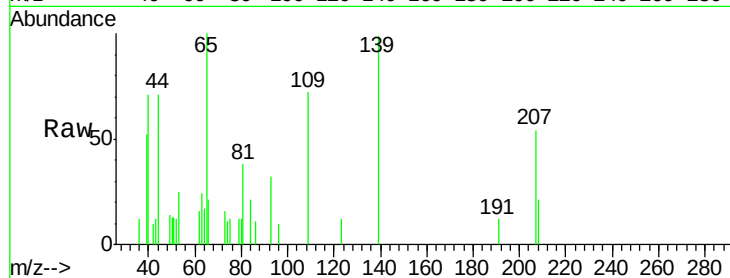




#55
4-Nitrophenol
Concen: 5.26 ng
RT: 15.23 min Scan# 2081
Delta R.T. -0.02 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

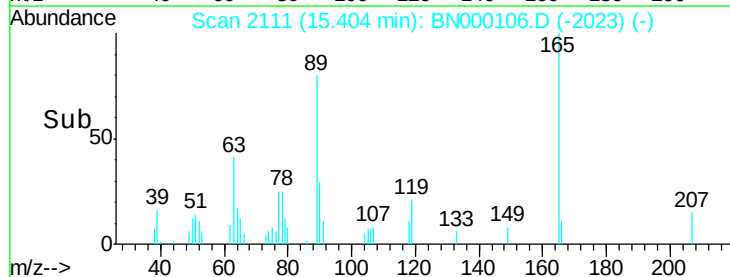
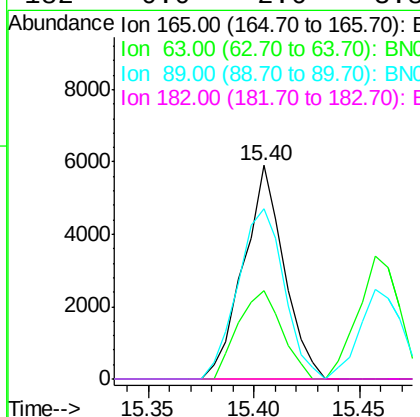
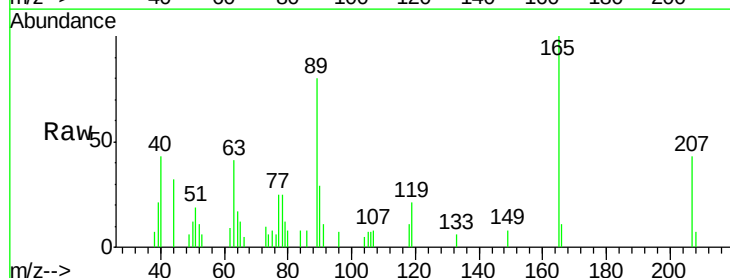
Instrument :
BNA_N
ClientSampleId :

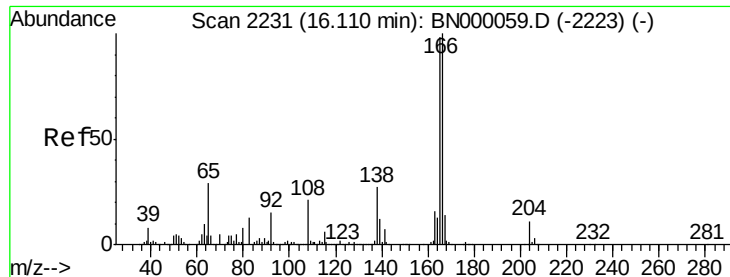
Tot Ion:139 Resp: 4836
Ion Ratio Lower Upper
139 100
109 72.2 62.2 102.2
65 100.8 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 4.50 ng
RT: 15.40 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion:165 Resp: 7932
Ion Ratio Lower Upper
165 100
63 41.4 42.0 63.0#
89 79.9 66.9 100.3
182 0.0 2.6 3.8#





#57

Fluorene

Concen: 0.87 ng

RT: 16.10 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

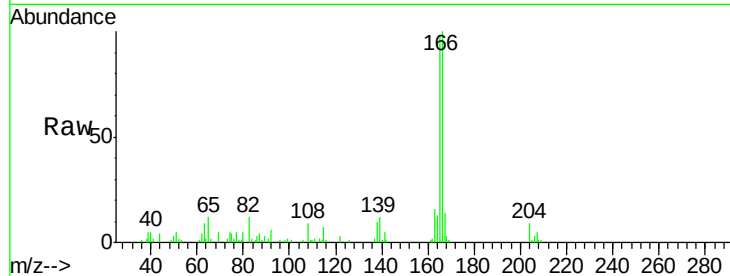
Tot Ion:166 Resp: 64915

Ion Ratio Lower Upper

166 100

165 98.4 80.6 121.0

167 13.7 10.4 15.6

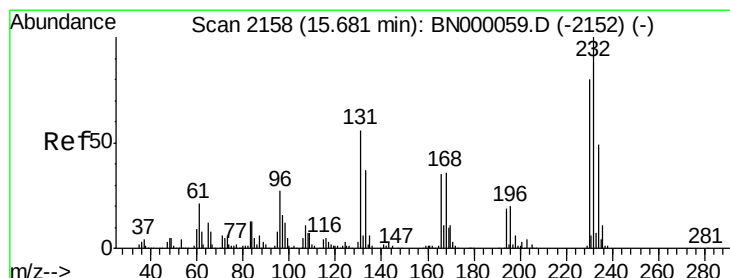
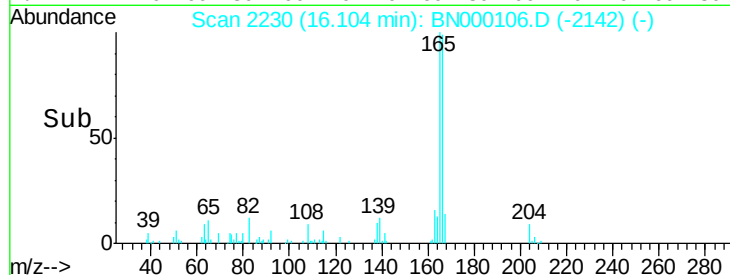
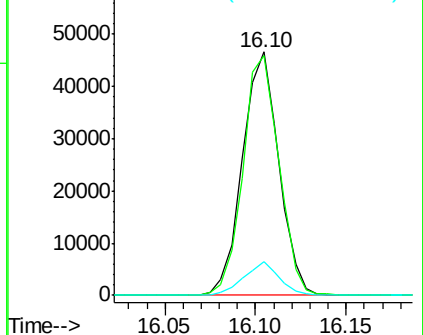


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 0.45 ng

RT: 15.67 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Tgt Ion:232 Resp: 7008

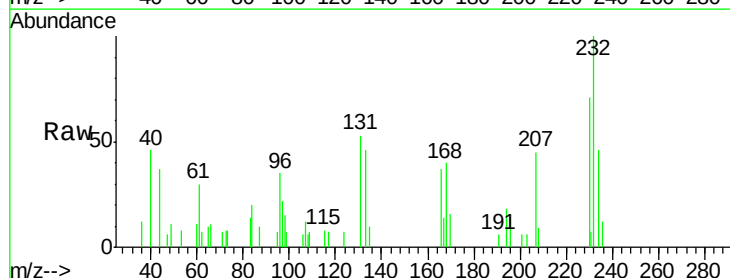
Ion Ratio Lower Upper

232 100

131 58.6 33.5 50.3#

130 0.0 2.2 3.2#

166 38.4 24.8 37.2#



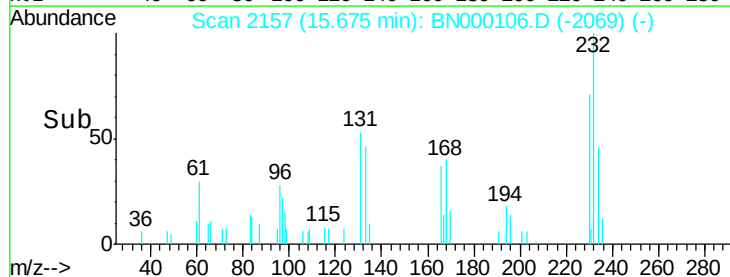
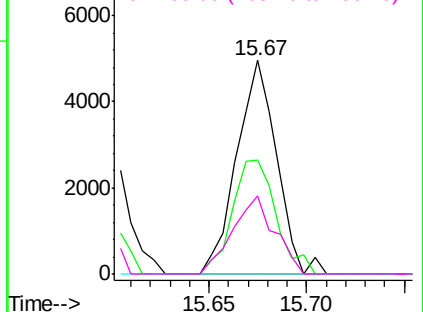
Abundance

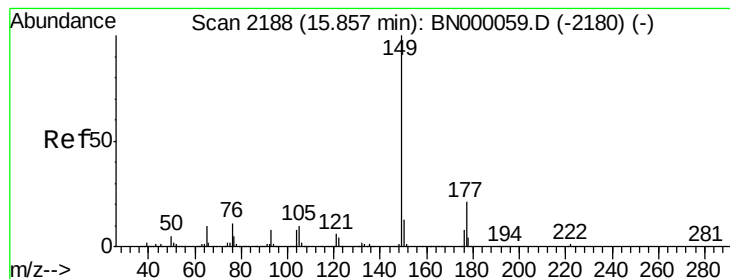
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 0.70 ng

RT: 15.85 min Scan# 2187

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

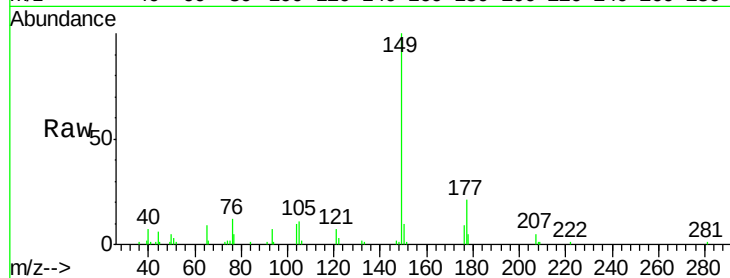
Tot Ion:149 Resp: 55049

Ion Ratio Lower Upper

149 100

177 21.2 18.5 27.7

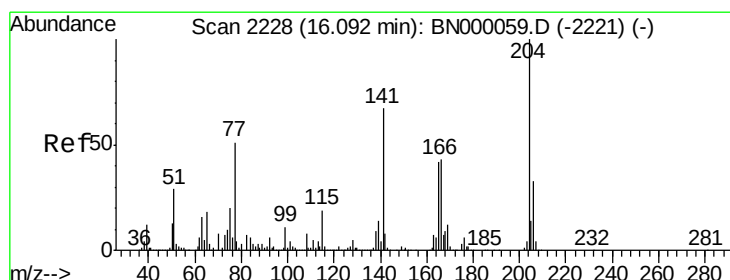
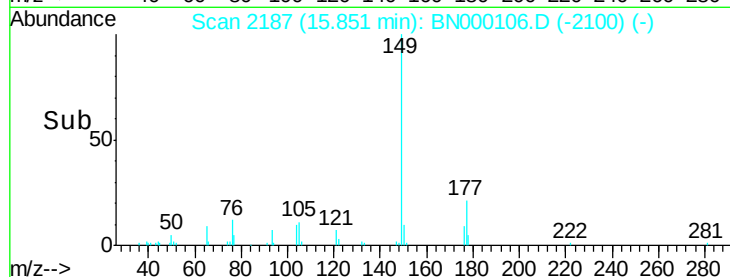
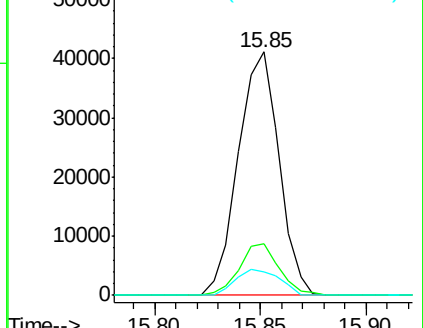
150 9.5 10.2 15.2#



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: 0.92 ng

RT: 16.09 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

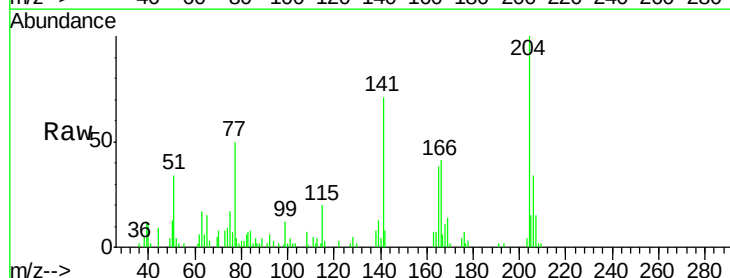
Tgt Ion:204 Resp: 31378

Ion Ratio Lower Upper

204 100

206 34.0 26.2 39.2

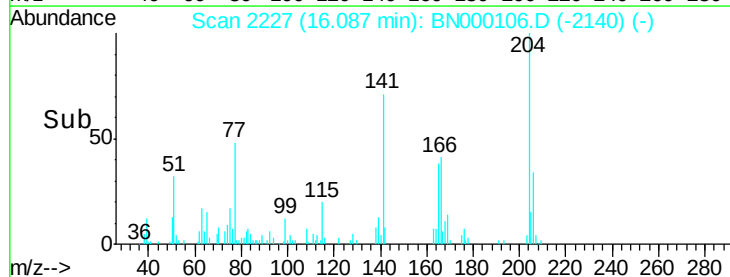
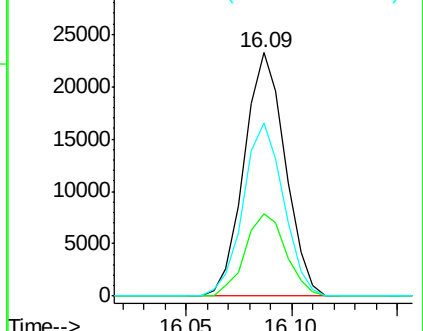
141 71.2 45.8 68.6#

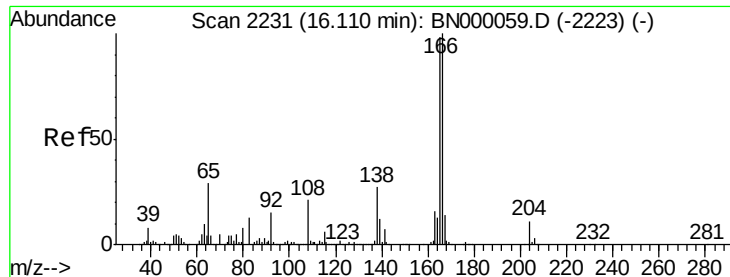


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

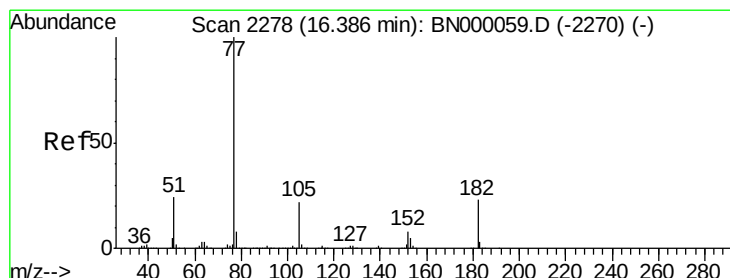
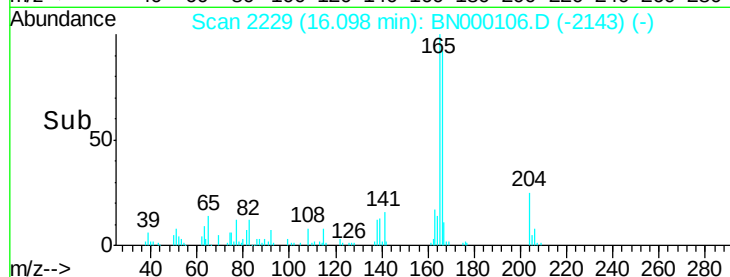
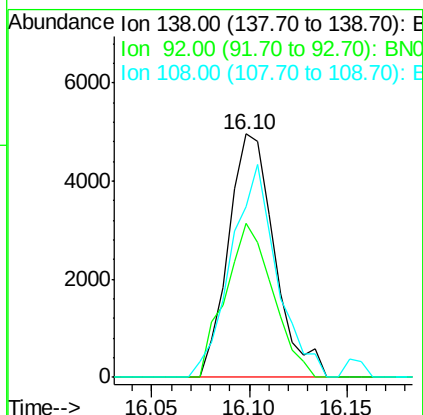
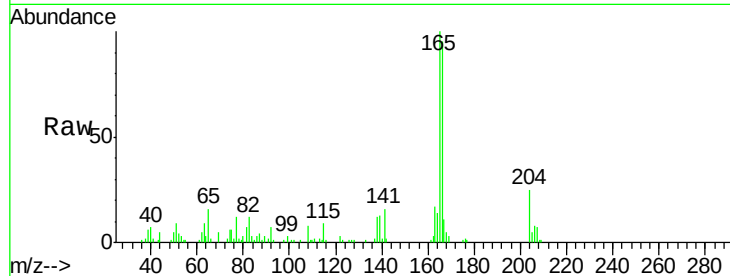




#61
4-Nitroaniline
Concen: 0.41 ng
RT: 16.10 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

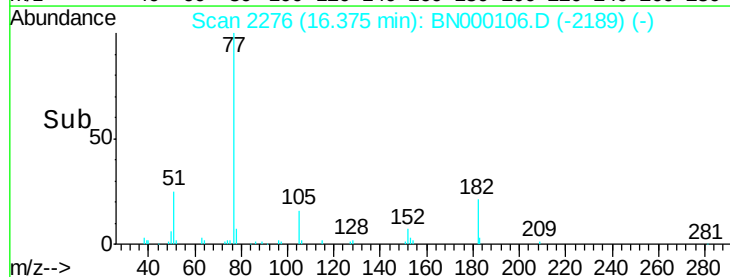
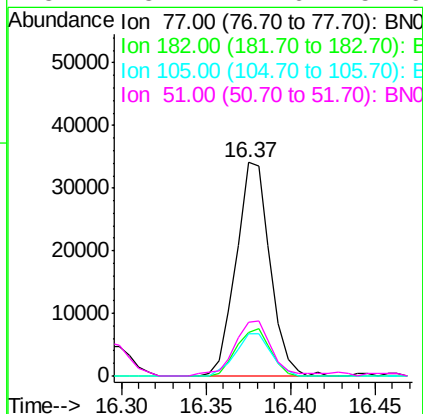
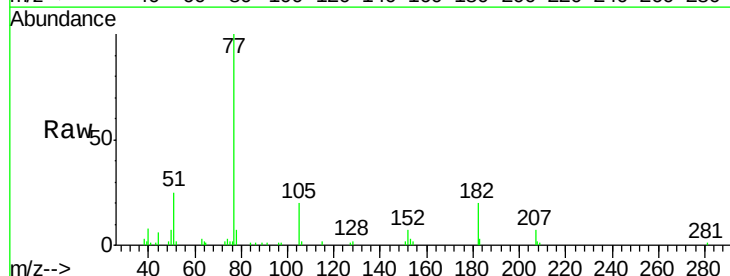
Instrument :
BNA_N
ClientSampleId :

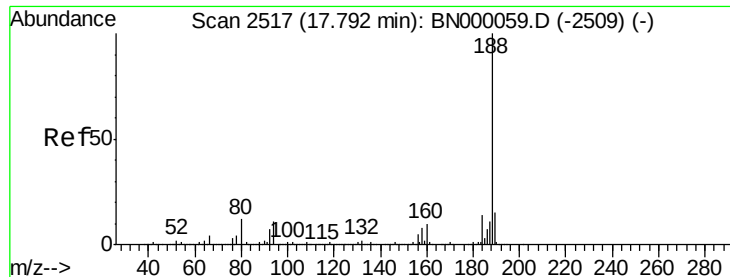
Tot Ion:138 Resp: 8118
Ion Ratio Lower Upper
138 100
92 63.3 40.1 80.1
108 70.2 65.4 105.4



#62
Azobenzene
Concen: 0.61 ng
RT: 16.37 min Scan# 2276
Delta R.T. -0.02 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion: 77 Resp: 47607
Ion Ratio Lower Upper
77 100
182 20.4 7.4 47.4
105 19.8 0.3 40.3
51 25.4 11.6 51.6

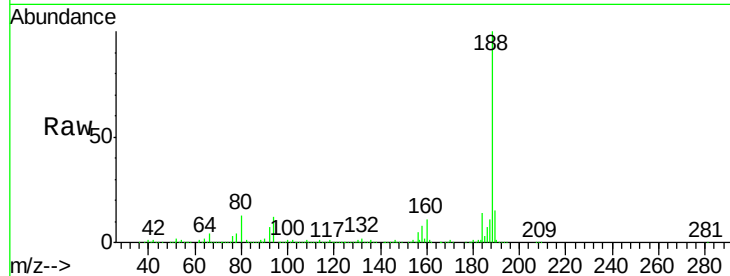




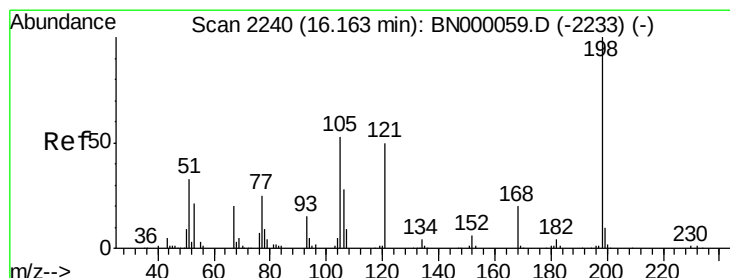
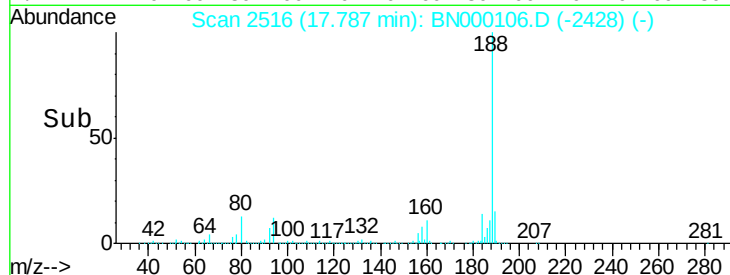
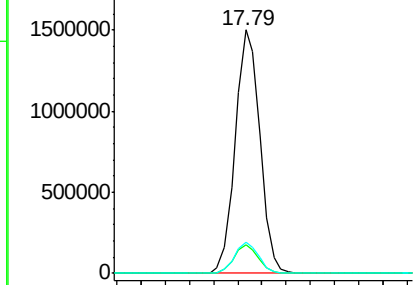
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.79 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion:188 Resp: 2135910
Ion Ratio Lower Upper
188 100
94 11.7 6.9 10.3#
80 13.0 7.7 11.5#

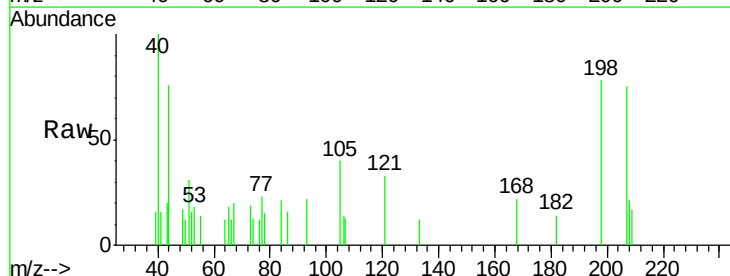


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

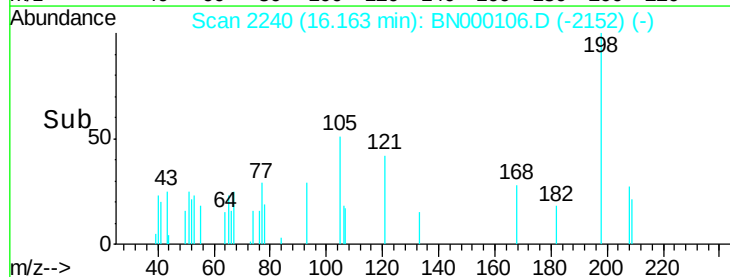
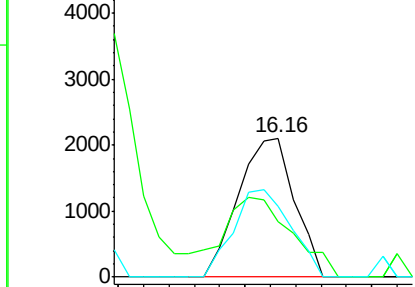


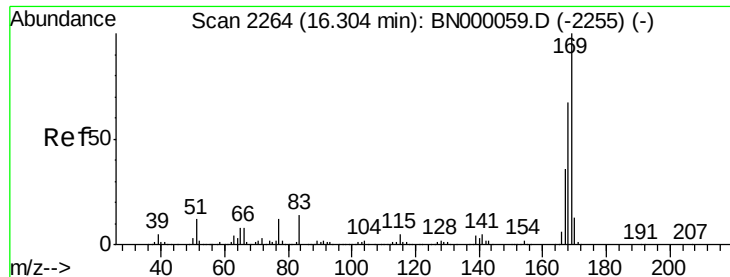
#64
4,6-Dinitro-2-methylphenol
Concen: 8.97 ng
RT: 16.16 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion:198 Resp: 3226
Ion Ratio Lower Upper
198 100
51 40.1 30.6 70.6
105 51.1 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

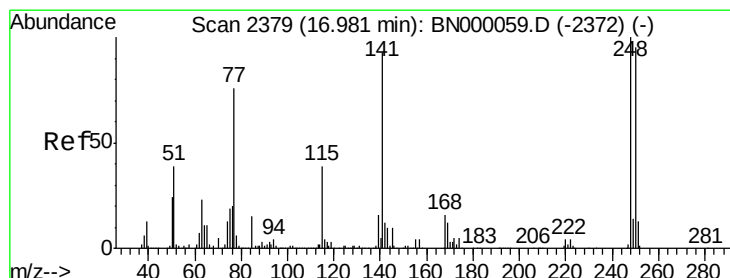
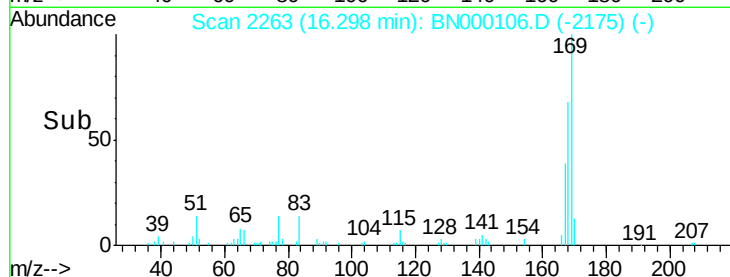
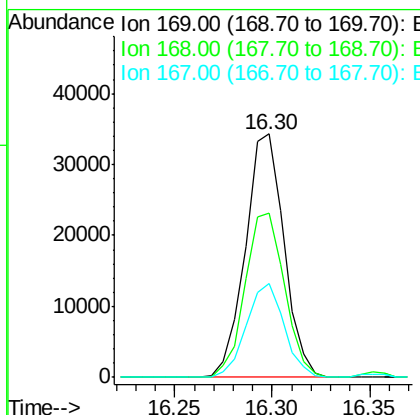
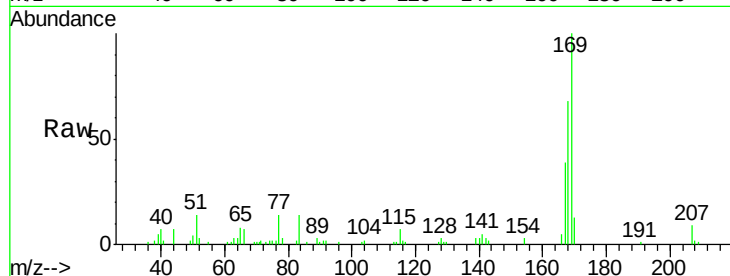




#65
n-Nitrosodiphenylamine
Concen: 0.68 ng
RT: 16.30 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

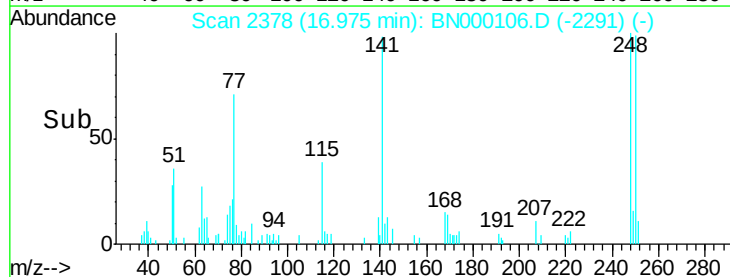
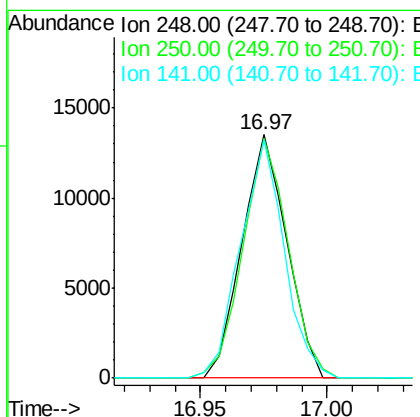
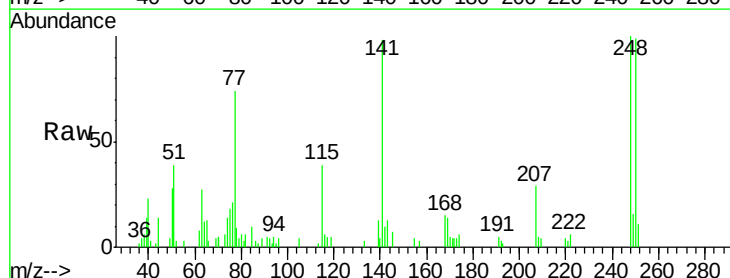
Instrument :
BNA_N
ClientSampleId :

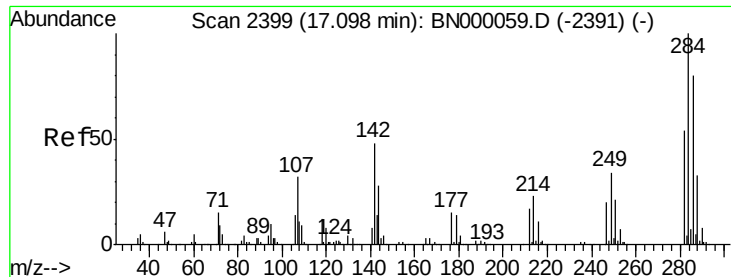
Tot Ion:169 Resp: 47065
Ion Ratio Lower Upper
169 100
168 67.5 55.7 83.5
167 38.6 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 0.82 ng
RT: 16.97 min Scan# 2378
Delta R.T. -0.02 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion:248 Resp: 16642
Ion Ratio Lower Upper
248 100
250 98.6 77.1 115.7
141 98.0 50.8 76.2#

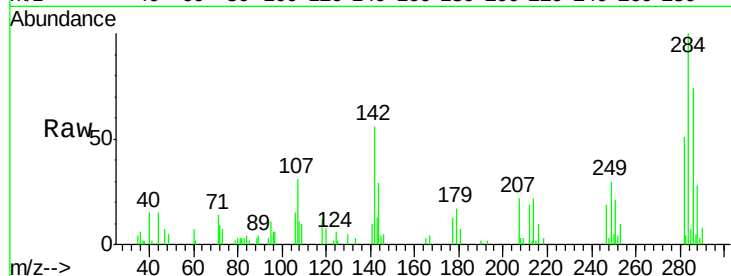




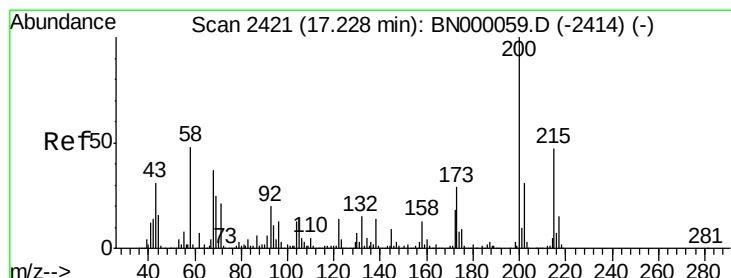
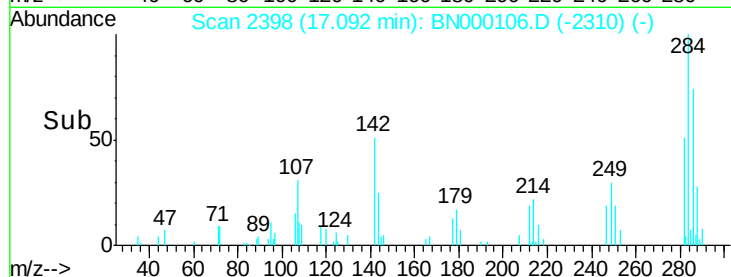
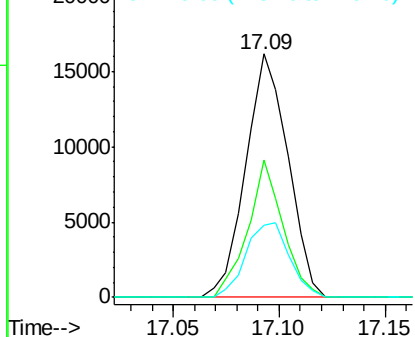
#67
Hexachlorobenzene
Concen: 0.95 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Instrument :
BNA_N
ClientSampled :

Tot Ion:284 Resp: 22423
Ion Ratio Lower Upper
284 100
142 56.5 26.8 40.2#
249 29.7 26.3 39.5

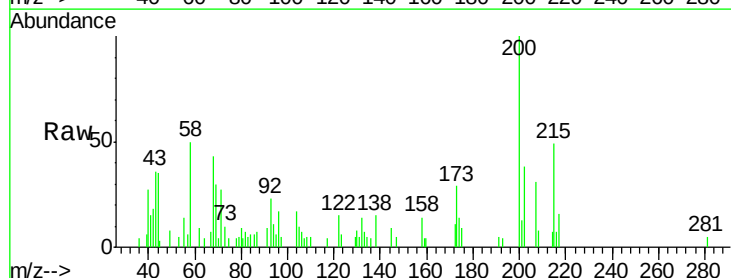


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

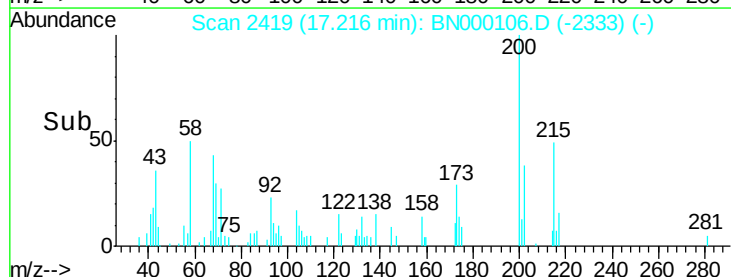
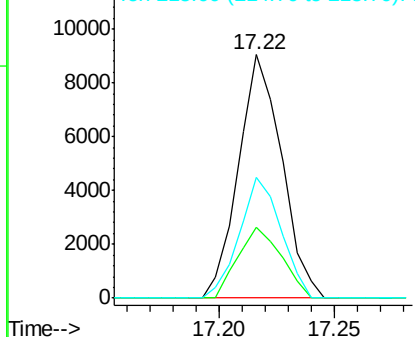


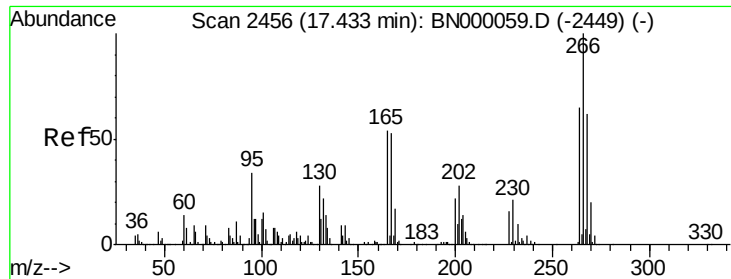
#68
Atrazine
Concen: 0.52 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.02 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion:200 Resp: 11806
Ion Ratio Lower Upper
200 100
173 29.1 5.2 45.2
215 49.4 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

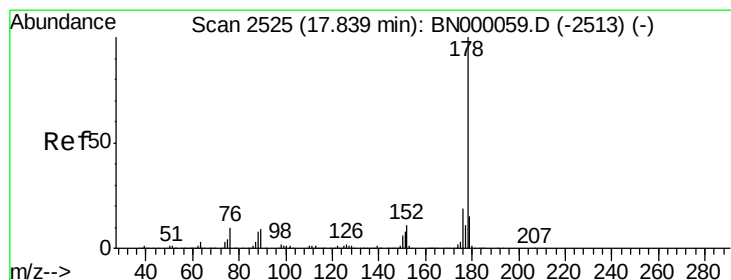
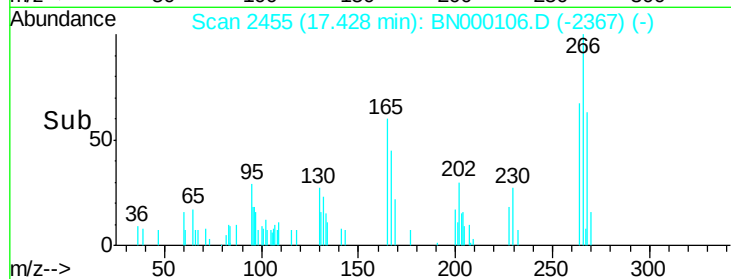
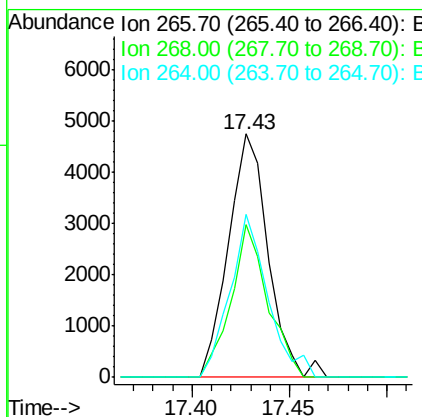
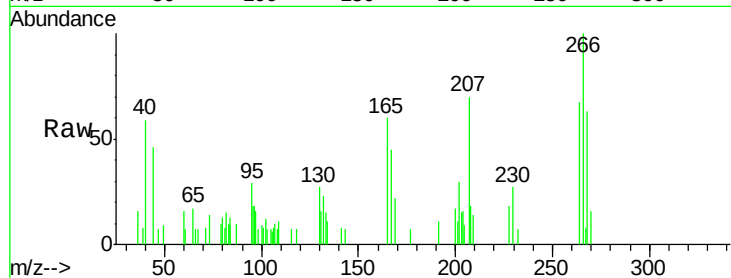




#69
 Pentachlorophenol
 Concen: 6.21 ng
 RT: 17.43 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

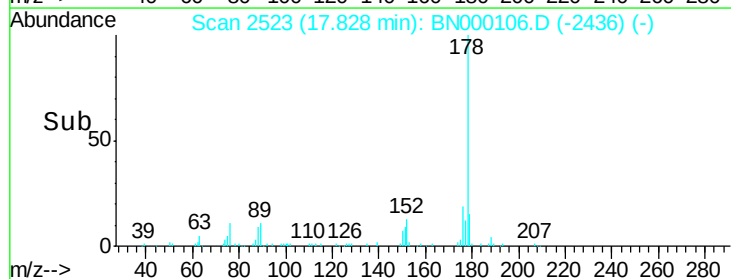
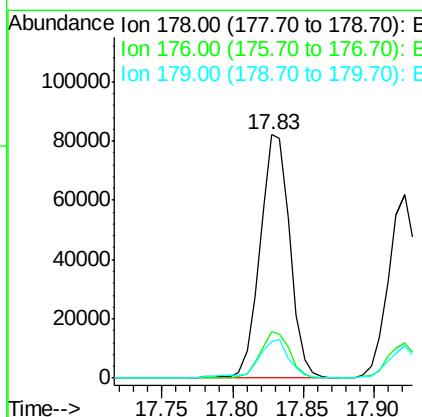
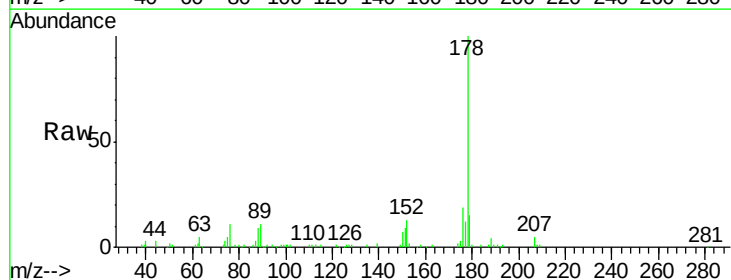
Instrument :
 BNA_N
 ClientSampleId :

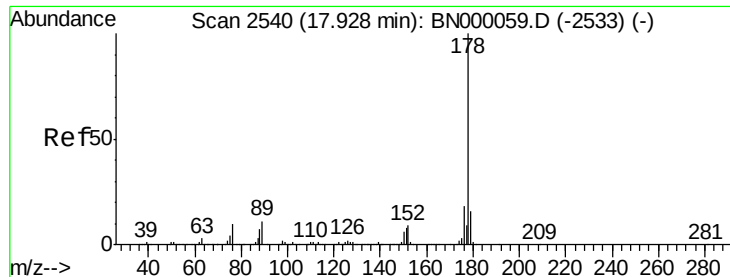
Tot Ion:266 Resp: 6692
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.1 76.7
 264 66.9 49.6 74.4



#70
 Phenanthrene
 Concen: 0.97 ng
 RT: 17.83 min Scan# 2523
 Delta R.T. -0.02 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

Tgt Ion:178 Resp: 122474
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.7 23.5
 179 14.7 12.5 18.7

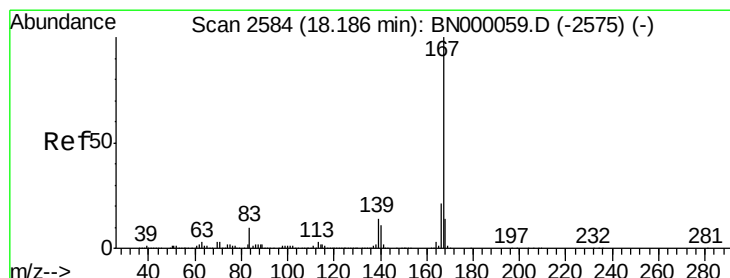
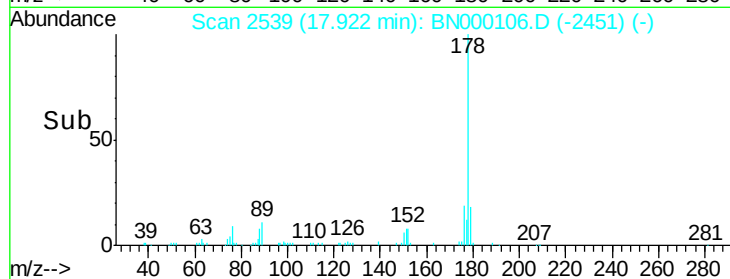
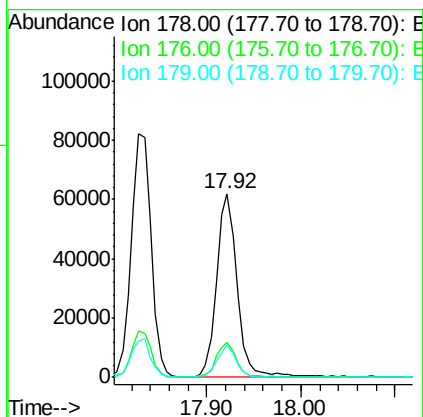
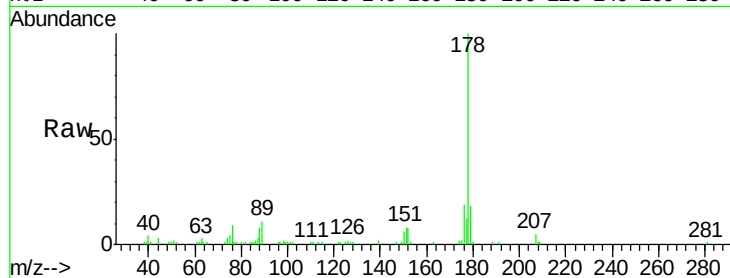




#71
 Anthracene
 Concen: 0.78 ng
 RT: 17.92 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

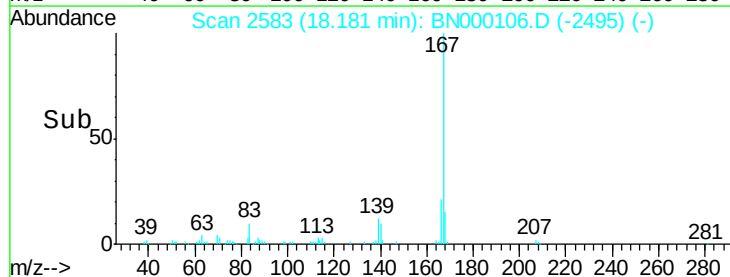
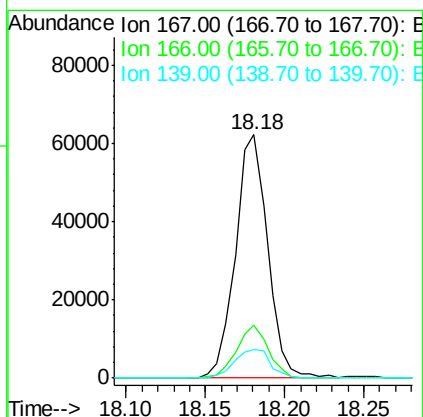
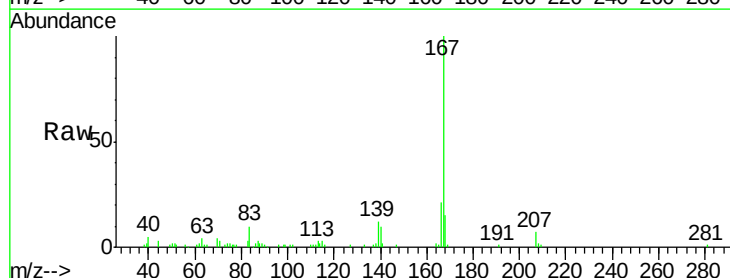
Instrument :
 BNA_N
 ClientSampleId :

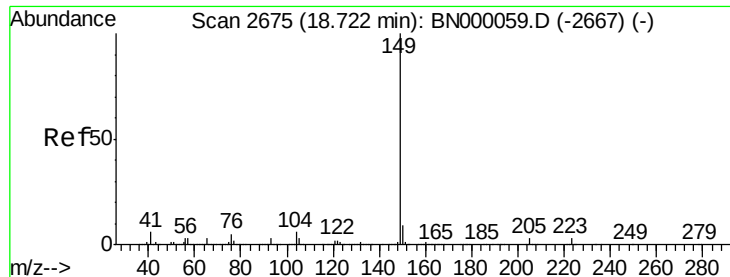
Tot Ion:178 Resp: 95503
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.0 24.0
 179 17.6 12.5 18.7



#72
 Carbazole
 Concen: 0.71 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

Tgt Ion:167 Resp: 87586
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.2 27.4
 139 11.7 9.4 14.2





#73

Di-n-butylphthalate

Concen: 0.49 ng

RT: 18.71 min Scan# 2673

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

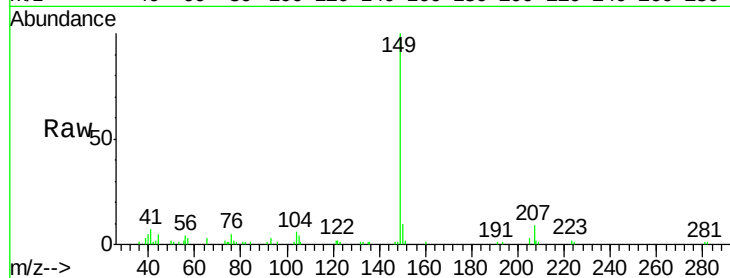
Tot Ion:149 Resp: 65926

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

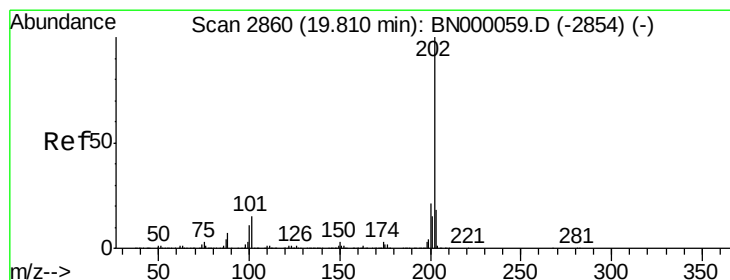
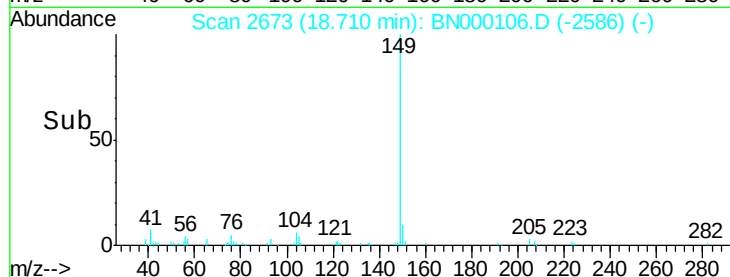
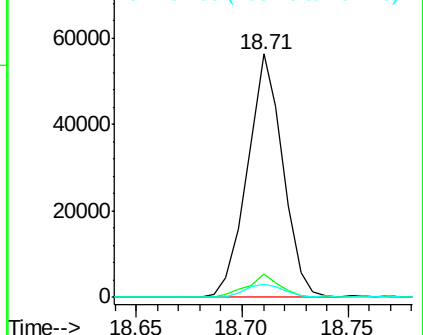
104 5.5 3.9 5.9



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: 0.80 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

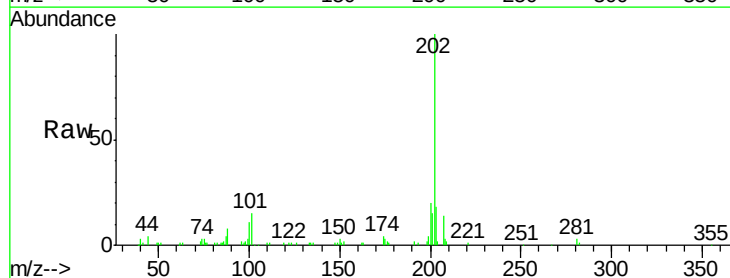
Tgt Ion:202 Resp: 105337

Ion Ratio Lower Upper

202 100

101 14.7 0.0 28.9

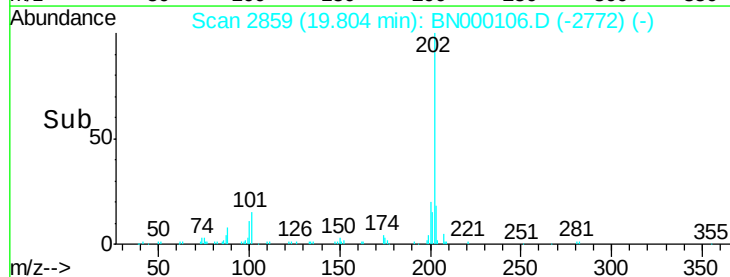
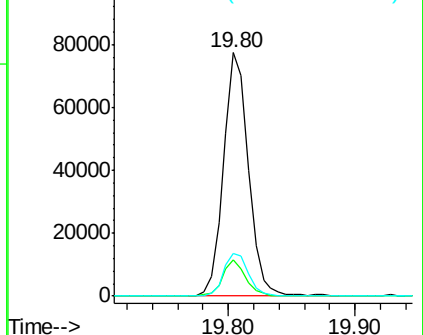
203 17.8 0.0 37.5

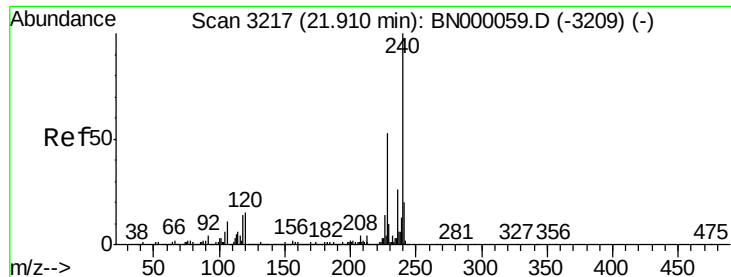


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN000106.D

Acq: 15 Feb 2018 20:26

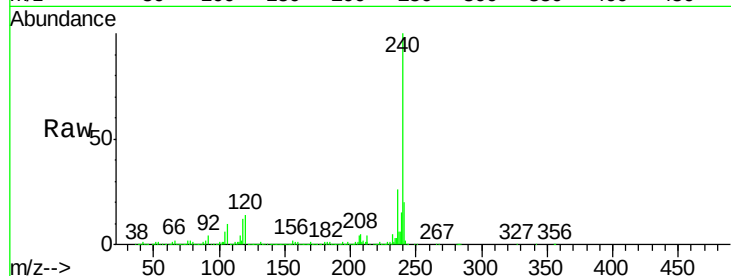
Instrument :

BNA_N

ClientSampleId :

Tot Ion:240 Resp: 2411623

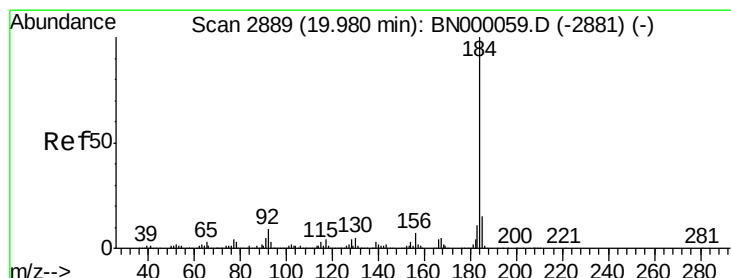
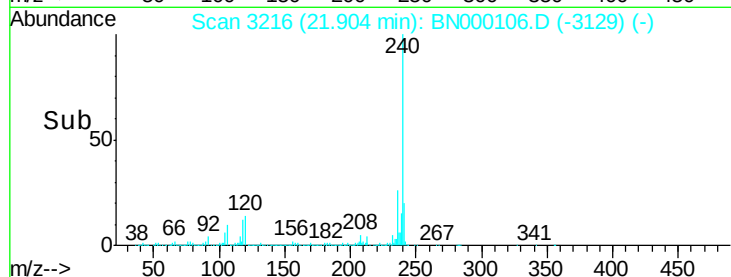
Ion	Ratio	Lower	Upper
240	100		
120	13.9	6.8	10.2#
236	25.7	20.9	31.3



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

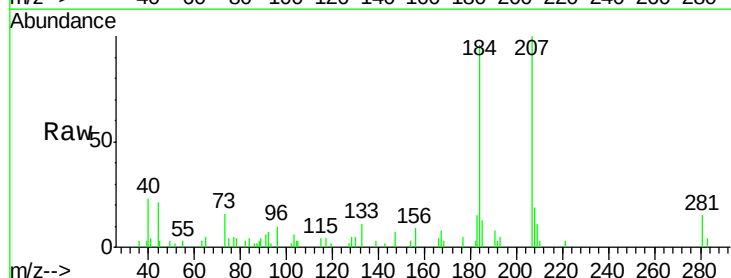
Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Tgt Ion:184 Resp: 20336

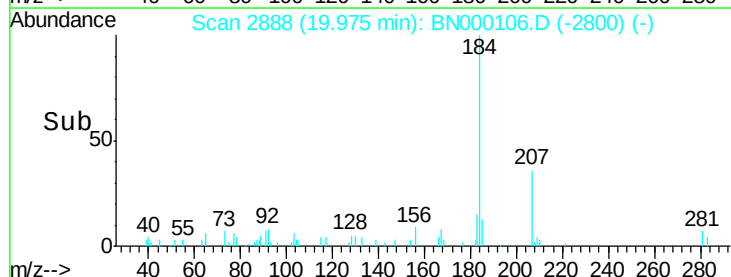
Ion	Ratio	Lower	Upper
184	100		
185	13.4	11.1	16.7
183	15.4	10.6	16.0

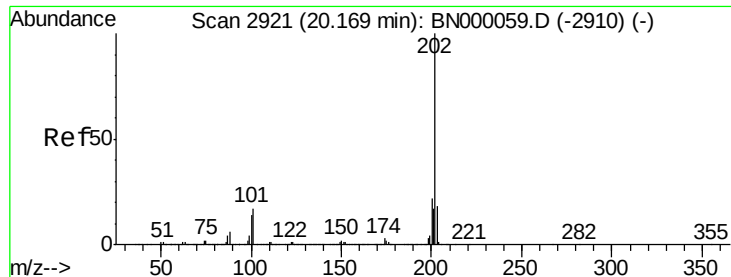


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

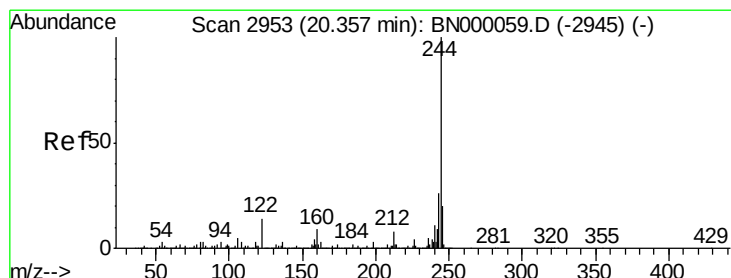
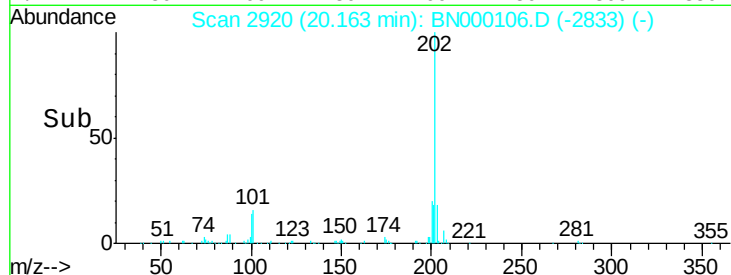
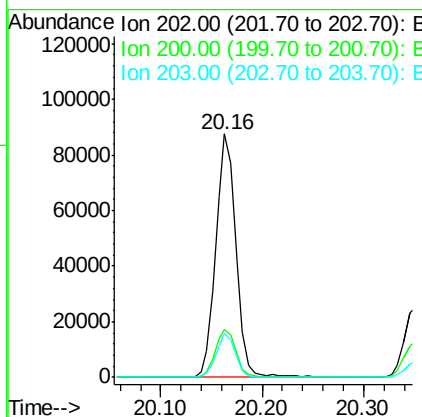
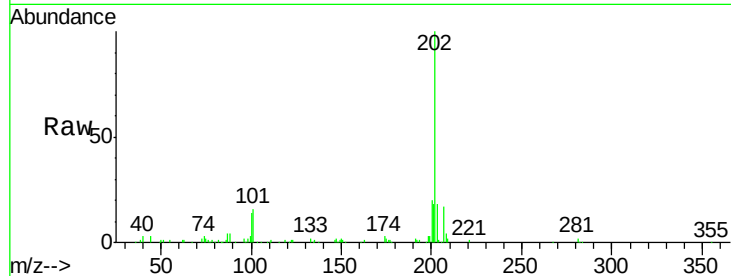




#77
Pvrene
Concen: 0.79 ng
RT: 20.16 min Scan# 2920
Delta R.T. -0.02 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

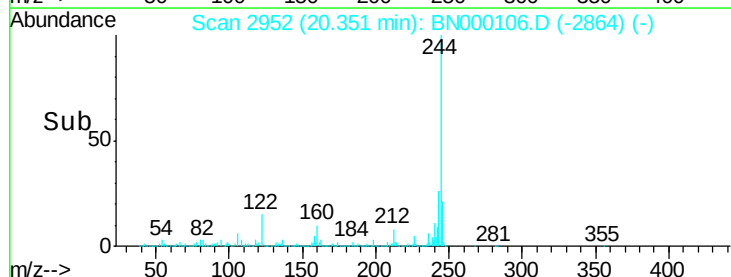
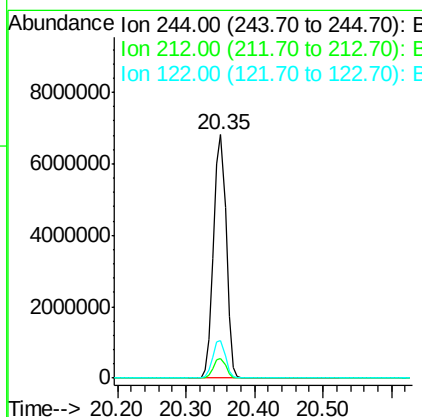
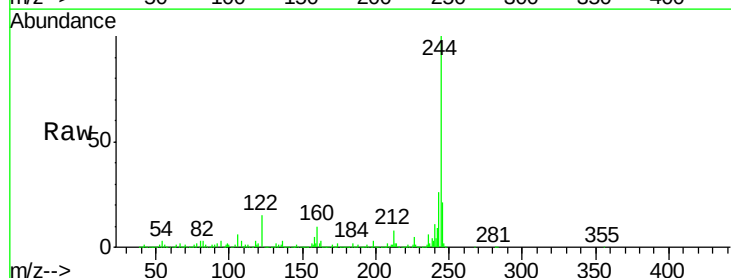
Instrument :
BNA_N
ClientSampled :

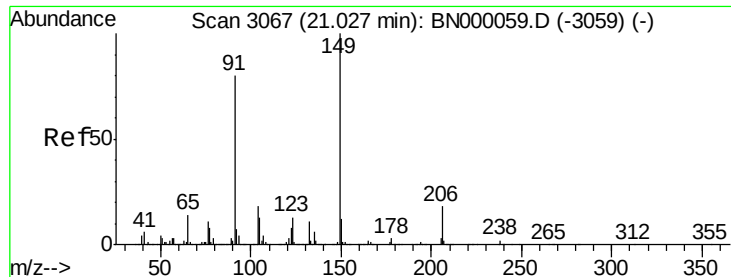
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.9	25.3
203	18.2	13.9	20.9



#78
Terphenyl-d14
Concen: 96.88 ng
RT: 20.35 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	15.3	7.0	10.4

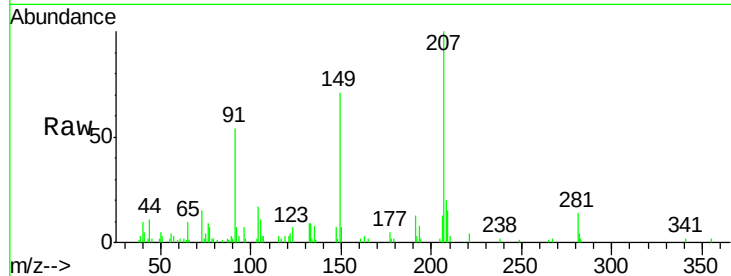




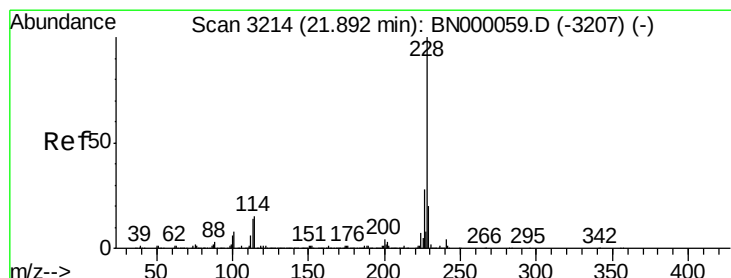
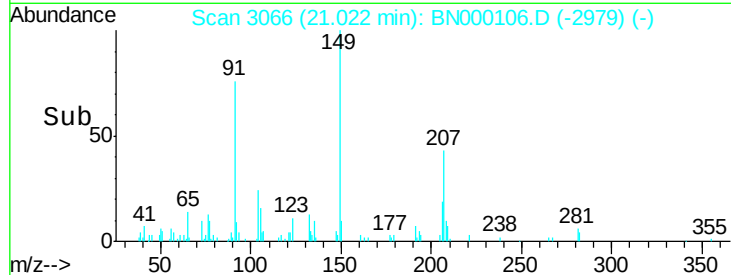
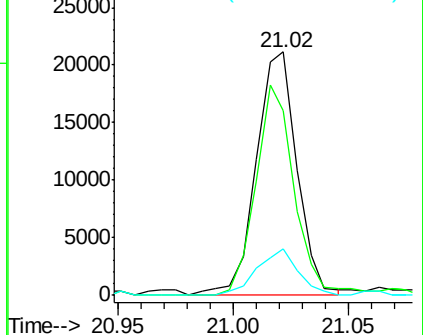
#79
Butylbenzylphthalate
Concen: 5.69 ng
RT: 21.02 min Scan# 3066
Delta R.T. -0.02 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.0	62.2	93.2
206	18.9	18.6	27.8

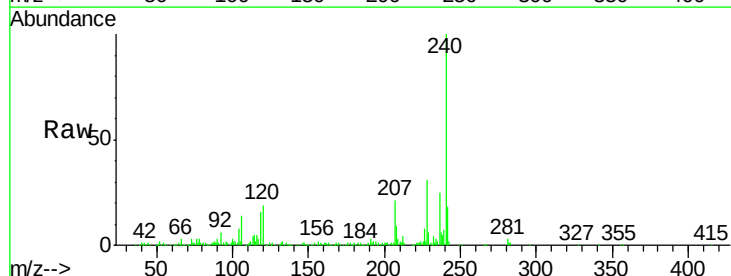


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BNO
Ion 206.00 (205.70 to 206.70): E

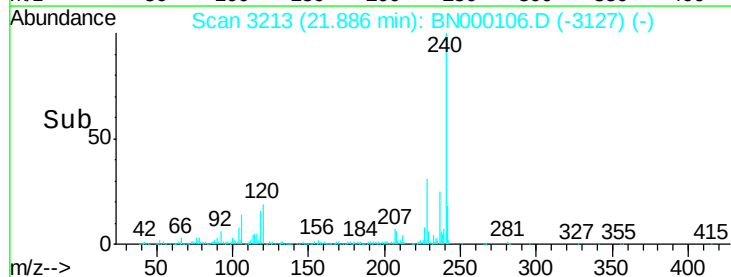
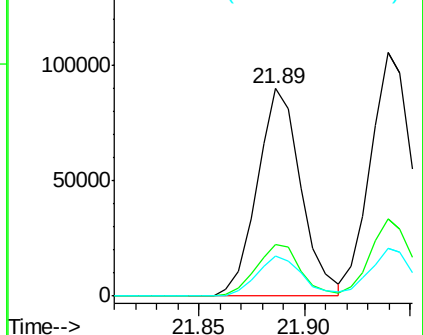


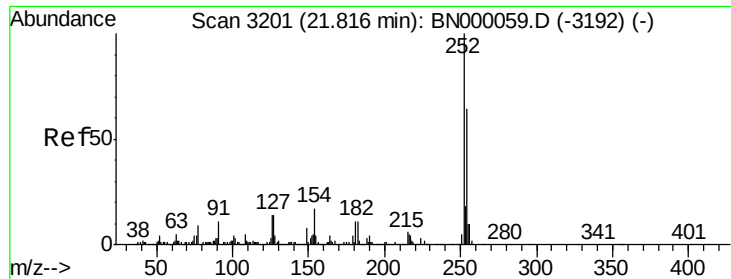
#80
Benzo(a)anthracene
Concen: 0.88 ng
RT: 21.89 min Scan# 3213
Delta R.T. -0.02 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	24.8	22.7	34.1
229	19.3	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 0.45 ng

RT: 21.80 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

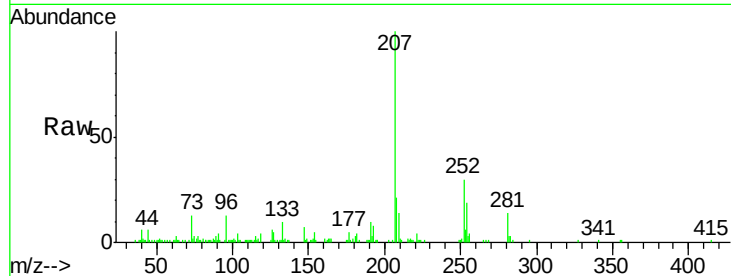
Tot Ion:252 Resp: 24548

Ion Ratio Lower Upper

252 100

254 62.5 50.8 76.2

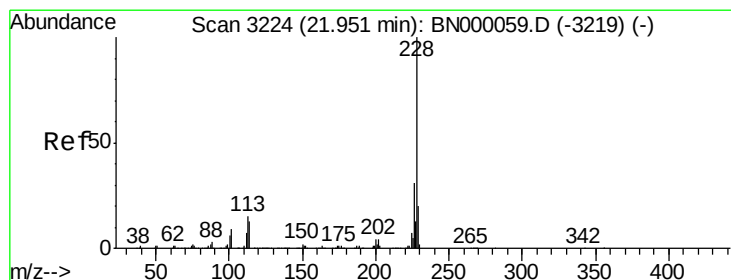
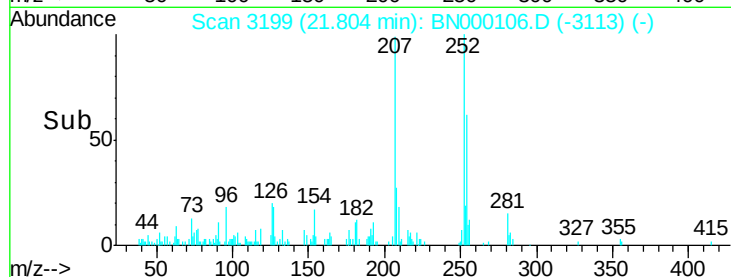
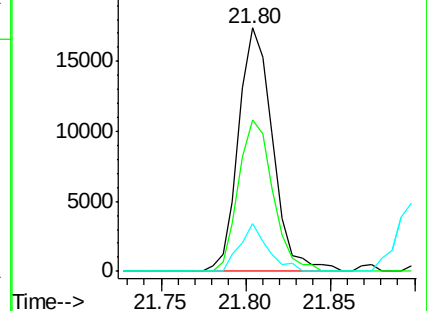
126 19.8 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 0.99 ng

RT: 21.94 min Scan# 3222

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

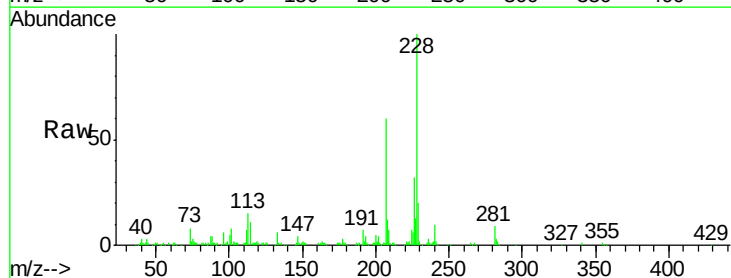
Tgt Ion:228 Resp: 146834

Ion Ratio Lower Upper

228 100

226 31.6 24.9 37.3

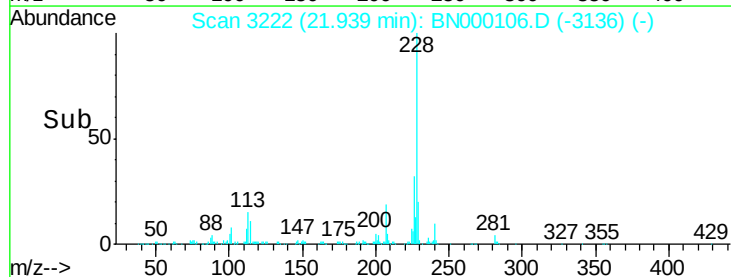
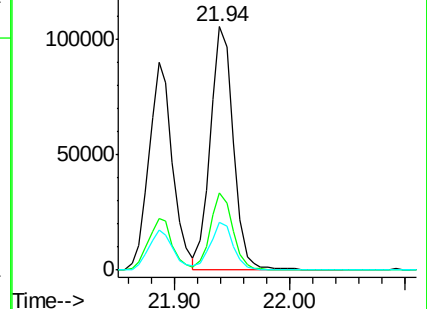
229 19.7 15.0 22.4

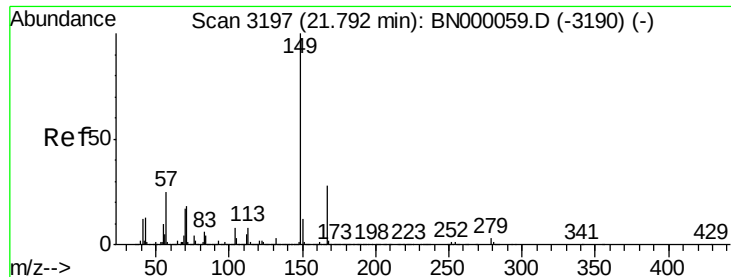


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.22 ng

RT: 21.78 min Scan# 3195

Delta R.T. -0.03 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

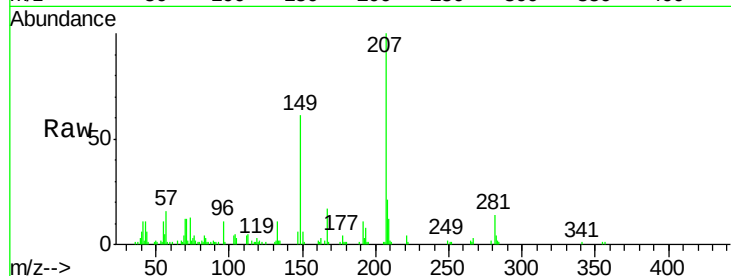
Tot Ion:149 Resp: 36650

Ion Ratio Lower Upper

149 100

167 27.3 24.3 36.5

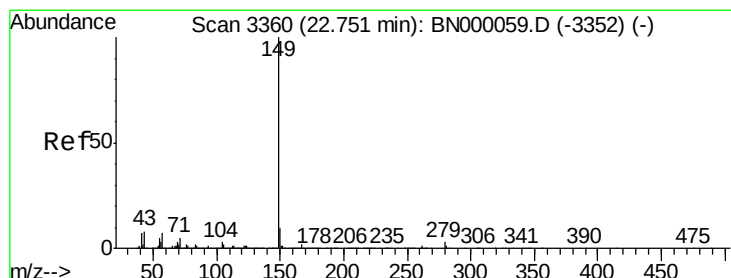
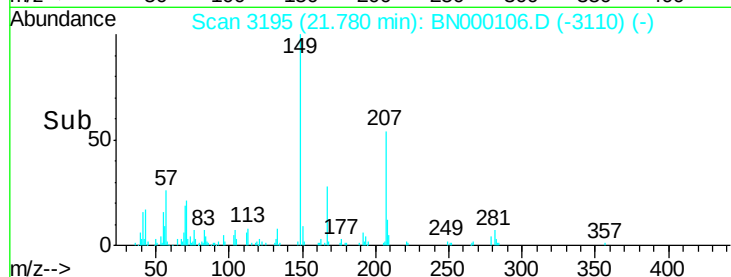
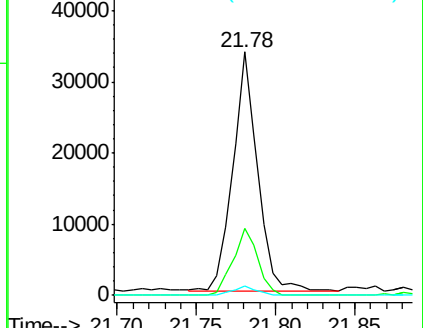
279 3.7 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 6.95 ng

RT: 22.73 min Scan# 3357

Delta R.T. -0.04 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

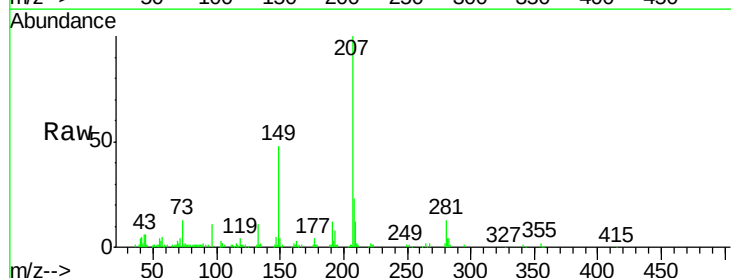
Tgt Ion:149 Resp: 51871

Ion Ratio Lower Upper

149 100

167 2.2 1.4 2.0#

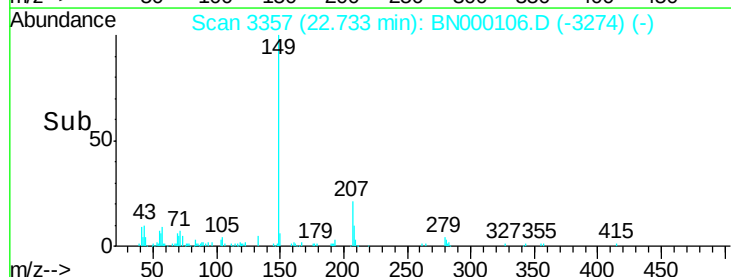
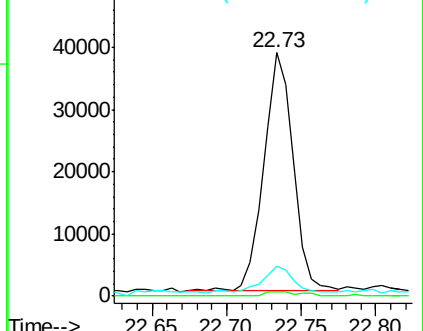
43 11.2 8.9 13.3

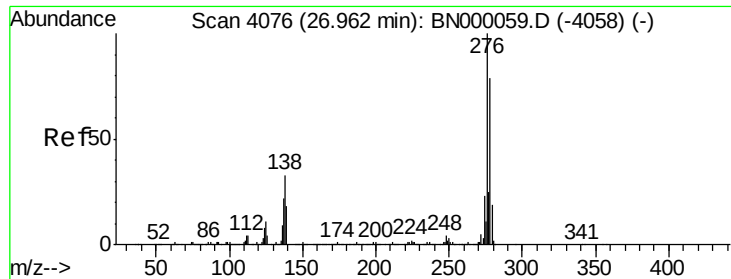


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC

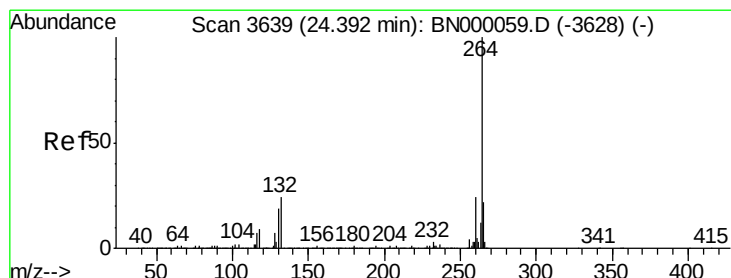
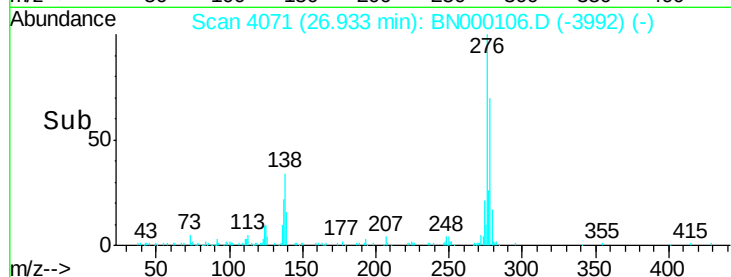
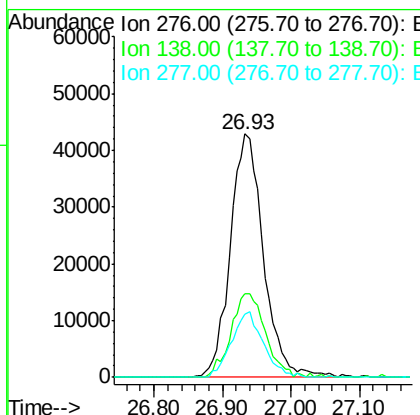
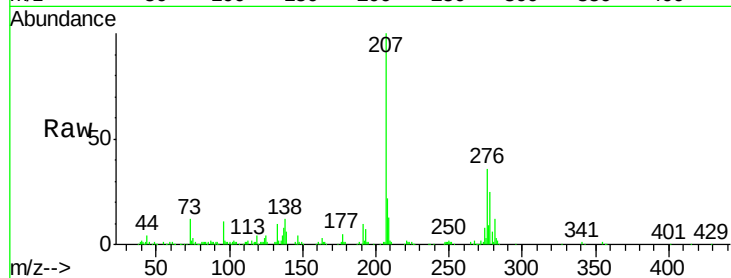




#85
Indeno(1,2,3-cd)pyrene
Concen: 0.79 ng
RT: 26.93 min Scan# 4071
Delta R.T. -0.06 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

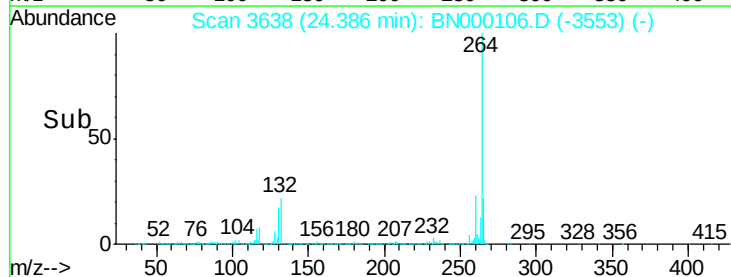
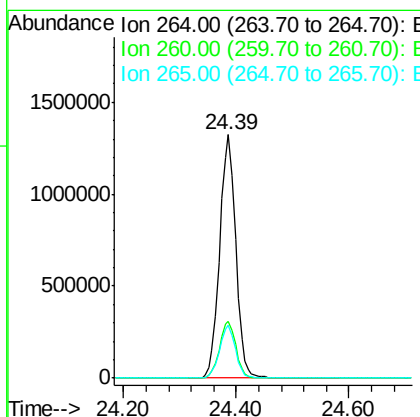
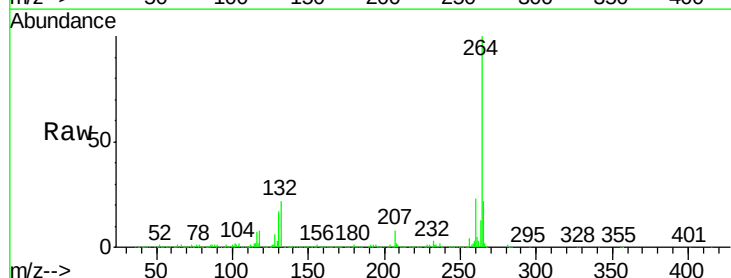
Instrument :
BNA_N
ClientSampled :

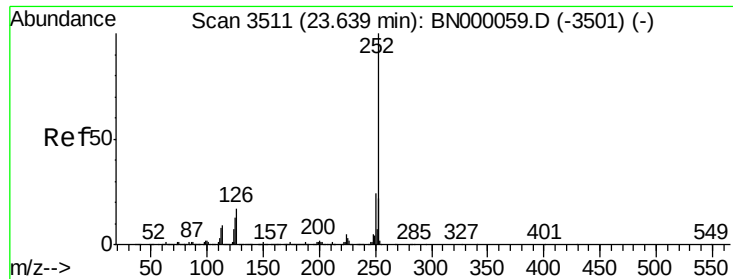
Tot Ion:276 Resp: 143932
Ion Ratio Lower Upper
276 100
138 35.9 16.0 24.0#
277 25.7 20.0 30.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.39 min Scan# 3638
Delta R.T. -0.03 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion:264 Resp: 2630660
Ion Ratio Lower Upper
264 100
260 23.1 17.4 26.0
265 21.6 17.7 26.5

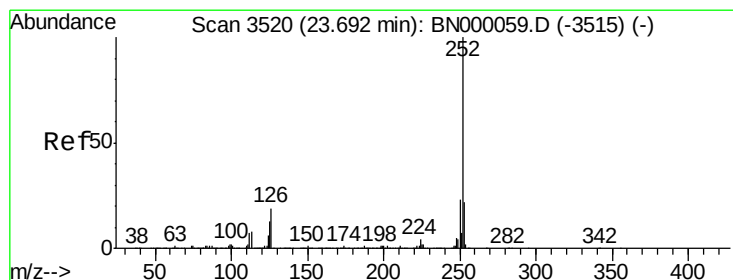
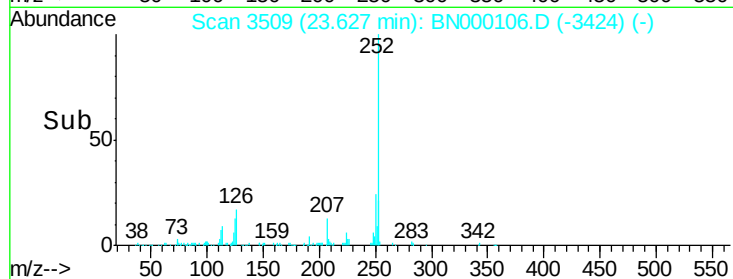
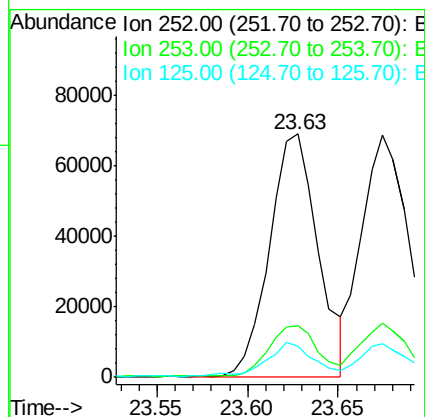
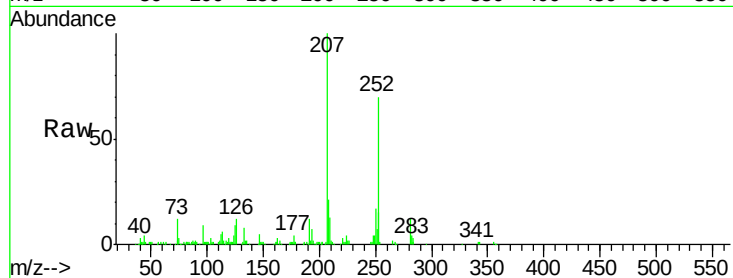




#87
Benzo(b)fluoranthene
Concen: 0.84 ng
RT: 23.63 min Scan# 3509
Delta R.T. -0.03 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

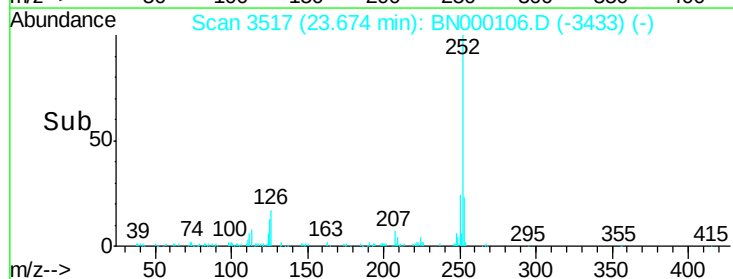
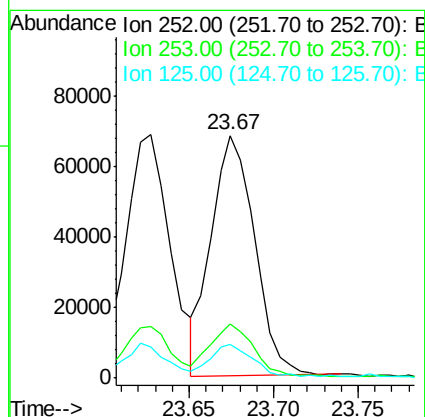
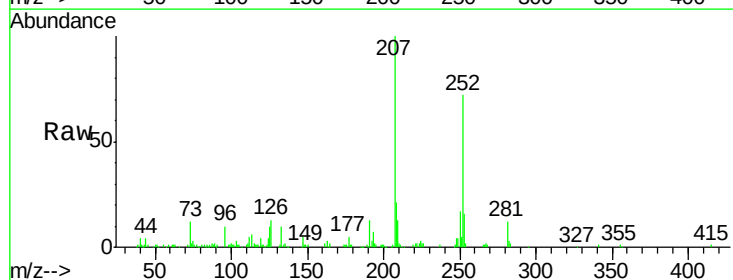
Instrument :
BNA_N
ClientSampleId :

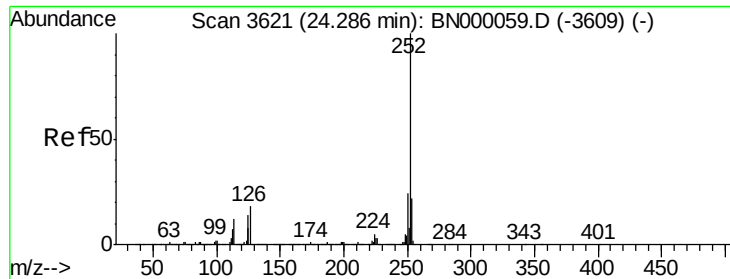
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.4
125	13.0	7.2	10.8



#88
Benzo(k)fluoranthene
Concen: 0.79 ng
RT: 23.67 min Scan# 3517
Delta R.T. -0.04 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	14.1	6.6	9.8





#89

Benzo(a)pyrene

Concen: 0.78 ng

RT: 24.27 min Scan# 3619

Delta R.T. -0.04 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

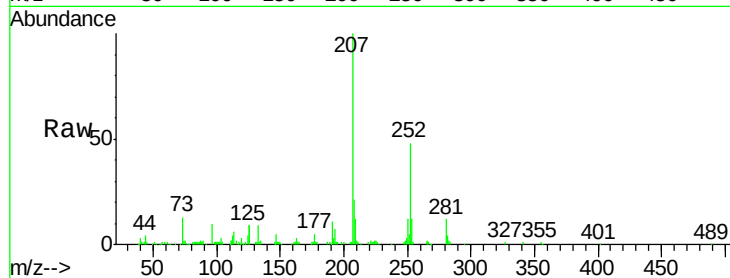
Tot Ion:252 Resp: 115270

Ion Ratio Lower Upper

252 100

253 23.9 18.3 27.5

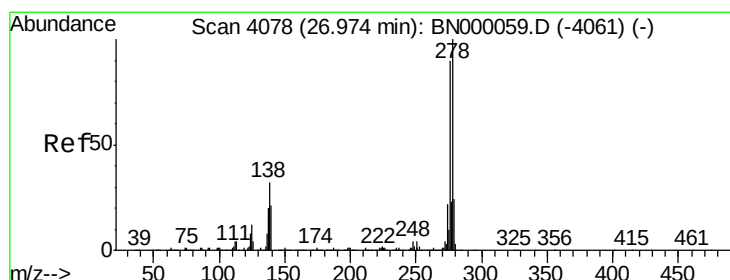
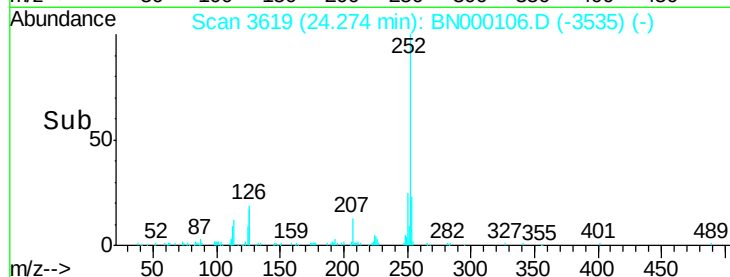
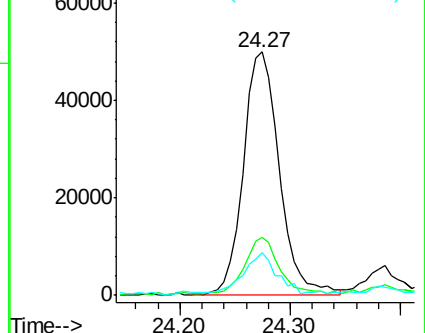
125 17.7 7.3 10.9#



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: 0.78 ng

RT: 26.94 min Scan# 4073

Delta R.T. -0.06 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

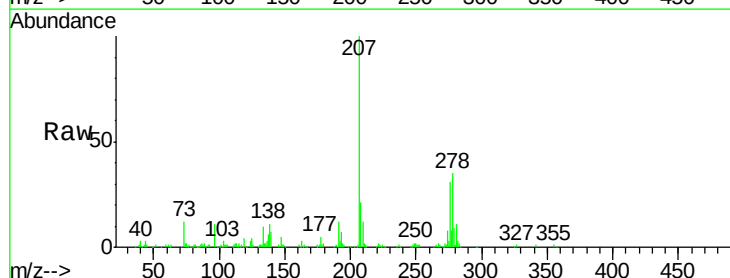
Tgt Ion:278 Resp: 120437

Ion Ratio Lower Upper

278 100

139 19.7 9.8 14.6#

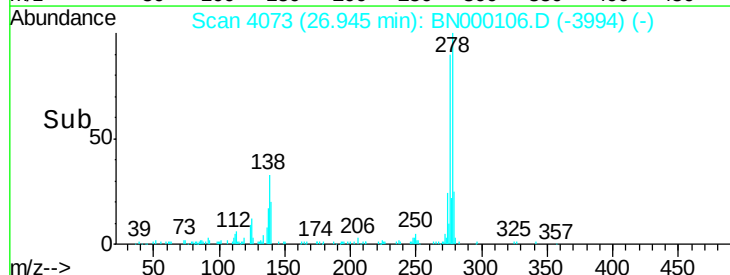
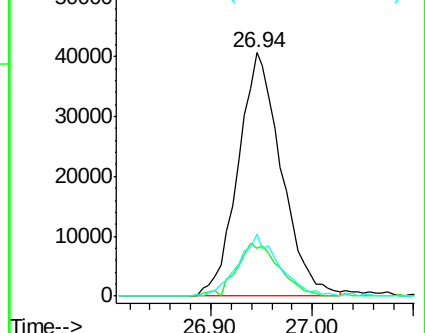
279 25.3 18.4 27.6

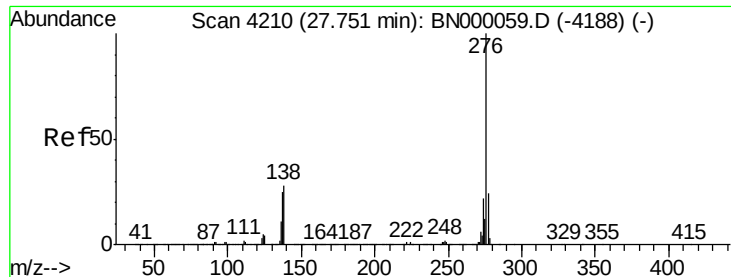


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.82 ng
 RT: 27.72 min Scan# 4204
 Delta R.T. -0.07 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.3	27.5
138	28.2	13.9	20.9

