

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
 Data File : BN000112.D
 Acq On : 19 Feb 2018 16:29
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 20 03:09:40 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	460880	20.00	ng	-0.01
21) Naphthalene-d8	11.30	136	2365719	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	1373546	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	2866638	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	2961721	20.00	ng	-0.02
86) Perylene-d12	24.38	264	3187285	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	2385270	84.35	ng	-0.01
7) Phenol-d6	7.58	99	3650490	85.22	ng	-0.01
23) Nitrobenzene-d5	9.64	82	3496320	87.87	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1044657	76.84	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	7572334	77.70	ng	-0.02
78) Terphenyl-d14	20.34	244	8646755	78.83	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.65	88	471452	41.43	ng	95
3) Pyridine	4.09	79	1538737	43.44	ng	99
4) n-Nitrosodimethylamine	4.00	42	428865	42.81	ng	# 89
6) Aniline	7.76	93	2507358	42.49	ng	91
8) 2-Chlorophenol	8.01	128	1369247	41.40	ng	88
9) Benzaldehyde	7.57	77	999230	37.50	ng	90
10) Phenol	7.61	94	1919811	42.46	ng	85
11) bis(2-Chloroethyl)ether	7.86	93	1552917	41.76	ng	# 83
12) 1,3-Dichlorobenzene	8.35	146	1493165	39.74	ng	99
13) 1,4-Dichlorobenzene	8.49	146	1521143	39.64	ng	98
14) 1,2-Dichlorobenzene	8.82	146	1500600	39.73	ng	96
15) Benzyl Alcohol	8.69	79	1360484	44.19	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.99	45	1693725	43.03	ng	79
17) 2-Methylphenol	8.89	107	1376241	42.83	ng	95
18) Hexachloroethane	9.56	117	561334	42.02	ng	# 81
19) n-Nitroso-di-n-propylamine	9.26	70	1265048	44.07	ng	# 83
20) 3+4-Methylphenols	9.22	107	1938241	43.13	ng	93
22) Acetophenone	9.29	105	2659942	40.12	ng	# 88
24) Nitrobenzene	9.68	77	1870850	43.01	ng	# 93
25) Isophorone	10.20	82	3504936	42.61	ng	98
26) 2-Nitrophenol	10.40	139	692014	40.20	ng	91
27) 2,4-Dimethylphenol	10.43	122	1419508	39.81	ng	96
28) bis(2-Chloroethoxy)methane	10.68	93	2157420	40.90	ng	97
29) 2,4-Dichlorophenol	10.93	162	1302139	39.46	ng	96
30) 1,2,4-Trichlorobenzene	11.16	180	1456976	38.34	ng	98
31) Naphthalene	11.35	128	5035753	38.83	ng	98
32) Benzoic acid	10.56	122	955153	38.69	ng	91
33) 4-Chloroaniline	11.45	127	2293028	40.25	ng	96
34) Hexachlorobutadiene	11.62	225	753684	38.25	ng	98
35) Caprolactam	12.20	113	554672	39.25	ng	97
36) 4-Chloro-3-methylphenol	12.53	107	1702266	40.63	ng	99
37) 2-Methylnaphthalene	12.93	142	3531742	39.14	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	1568222	38.68	ng	# 96
40) Hexachlorocyclopentadiene	13.26	237	713702	42.23	ng	90

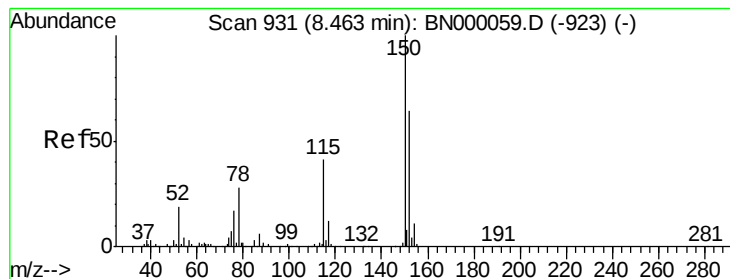
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	985465	40.56	nq	97
43) 2,4,5-Trichlorophenol	13.58	196	1170360	40.07	nq	# 92
45) 1,1'-Biphenyl	13.91	154	4739017	39.17	nq	98
46) 2-Chloronaphthalene	13.96	162	3566305	39.29	nq	96
47) 2-Nitroaniline	14.15	65	1105649	42.19	nq	89
48) Acenaphthylene	14.80	152	5869345	40.14	nq	98
49) Dimethylphthalate	14.51	163	4515705	39.33	nq	100
50) 2,6-Dinitrotoluene	14.63	165	950401	40.10	nq	92
51) Acenaphthene	15.13	154	3756614	39.46	nq	98
52) 3-Nitroaniline	14.96	138	1168613	40.56	nq	# 93
53) 2,4-Dinitrophenol	15.16	184	300988	40.90	nq	# 1
54) Dibenzofuran	15.46	168	5191135	38.51	nq	96
55) 4-Nitrophenol	15.23	139	863061	39.25	nq	# 85
56) 2,4-Dinitrotoluene	15.40	165	1294100	39.00	nq	96
57) Fluorene	16.10	166	4258516	38.69	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.67	232	916522	39.76	nq	# 83
59) Diethylphthalate	15.85	149	4665981	39.99	nq	97
60) 4-Chlorophenyl-phenylether	16.09	204	1912239	38.12	nq	90
61) 4-Nitroaniline	16.11	138	1223219	41.32	nq	91
62) Azobenzene	16.37	77	4912325	42.29	nq	90
64) 4,6-Dinitro-2-methylphenol	16.16	198	530565	40.71	nq	89
65) n-Nitrosodiphenylamine	16.30	169	3765039	40.36	nq	98
66) 4-Bromophenyl-phenylether	16.97	248	1056540	38.76	nq	# 86
67) Hexachlorobenzene	17.09	284	1218587	38.28	nq	# 87
68) Atrazine	17.22	200	1185667	39.06	nq	94
69) Pentachlorophenol	17.43	266	774931	38.61	nq	99
70) Phenanthrene	17.83	178	6570983	38.81	nq	99
71) Anthracene	17.92	178	6594408	40.22	nq	99
72) Carbazole	18.18	167	6600635	39.96	nq	97
73) Di-n-butylphthalate	18.71	149	7655462	41.98	nq	# 98
74) Fluoranthene	19.80	202	7061516	39.75	nq	92
76) Benzidine	19.97	184	3293610	34.89	nq	# 94
77) Pyrene	20.16	202	7504945	39.87	nq	97
79) Butylbenzylphthalate	21.02	149	3542533	40.60	nq	# 93
80) Benzo(a)anthracene	21.89	228	7127613	39.15	nq	99
81) 3,3'-Dichlorobenzidine	21.80	252	2604036	38.95	nq	# 97
82) Chrysene	21.94	228	6920141	38.15	nq	98
83) Bis(2-ethylhexyl)phthalate	21.78	149	5447820	41.53	nq	# 95
84) Di-n-octyl phthalate	22.73	149	8480499	39.37	nq	# 94
85) Indeno(1,2,3-cd)pyrene	26.94	276	8673068	38.92	nq	# 86
87) Benzo(b)fluoranthene	23.63	252	7193453	38.56	nq	# 96
88) Benzo(k)fluoranthene	23.68	252	7372419	39.24	nq	# 94
89) Benzo(a)pyrene	24.27	252	7063678	39.48	nq	# 95
90) Dibenzo(a,h)anthracene	26.96	278	7202385	38.50	nq	# 89
91) Benzo(g,h,i)perylene	27.73	276	7196374	38.04	nq	# 87

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

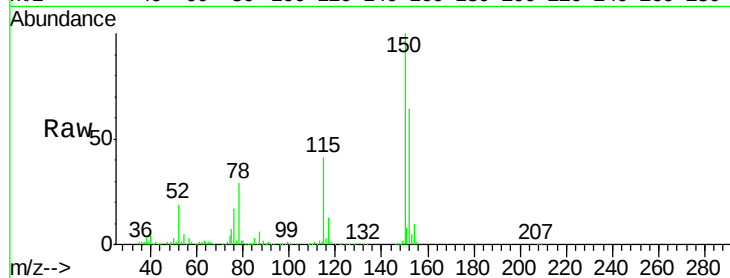


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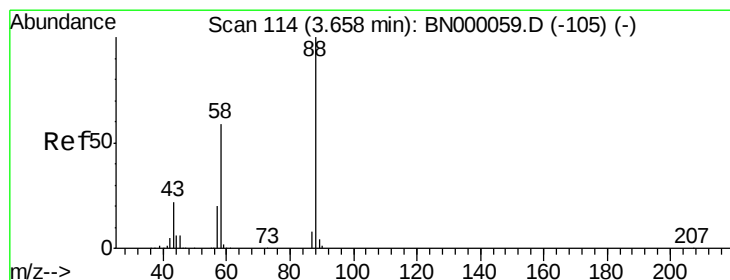
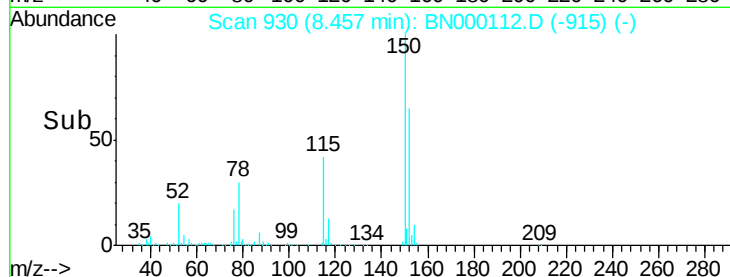
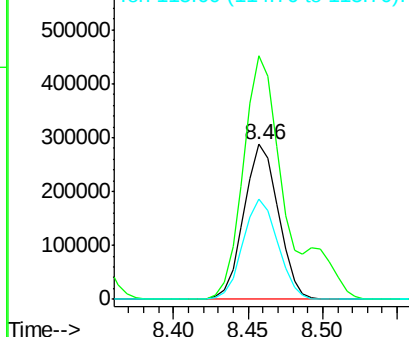
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.01 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion	152	Resp	460880
Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.6	189.8
115	64.4	53.0	79.4



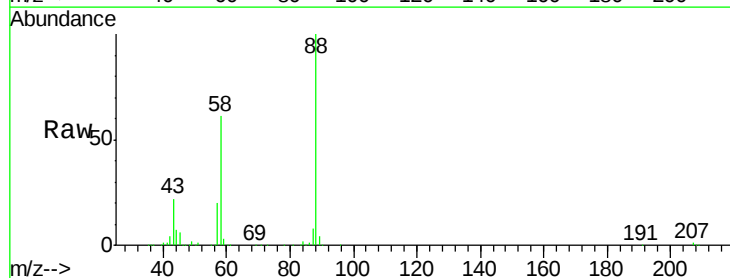
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



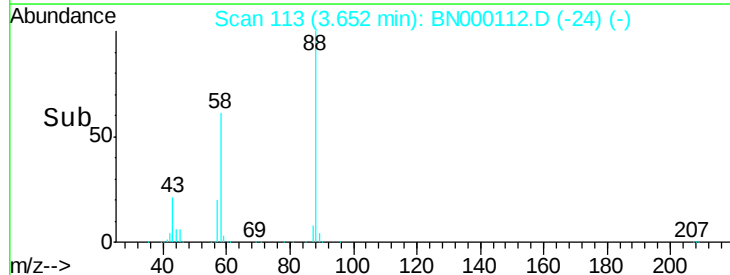
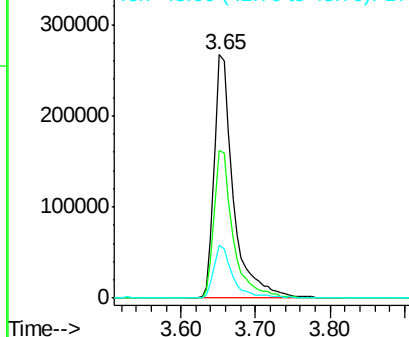
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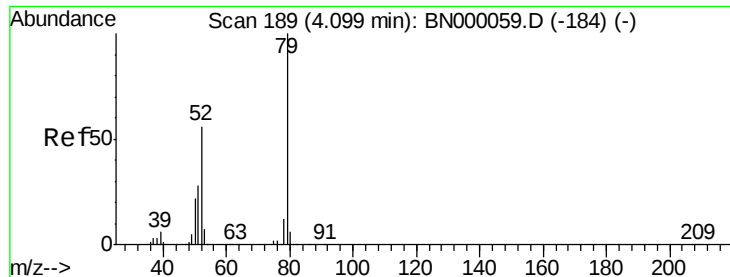
1,4-Dioxane
Concen: 41.43 ng
RT: 3.65 min Scan# 113
Delta R.T. -0.01 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

Tgt Ion	88	Resp	471452
Ion	Ratio	Lower	Upper
88	100		
58	61.4	52.0	78.0
43	22.1	20.0	30.0



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





#3

Pvridine

Concen: 43.44 ng

RT: 4.09 min Scan# 188

Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

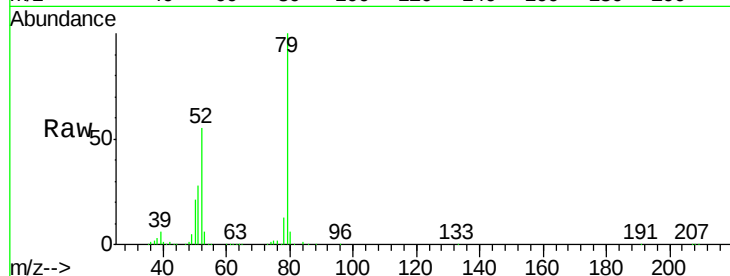
Instrument :

BNA_N

ClientSampled :

Tot Ion: 79 Resp: 1538737

Ion	Ratio	Lower	Upper
79	100		
52	54.9	44.0	66.0
51	28.2	24.0	36.0

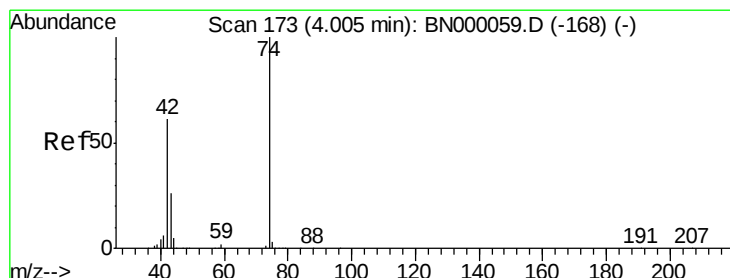
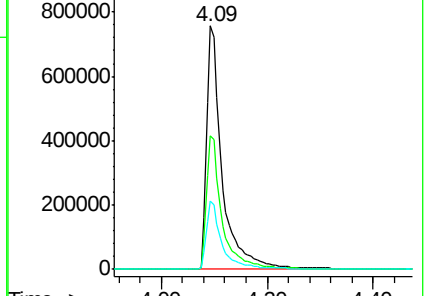
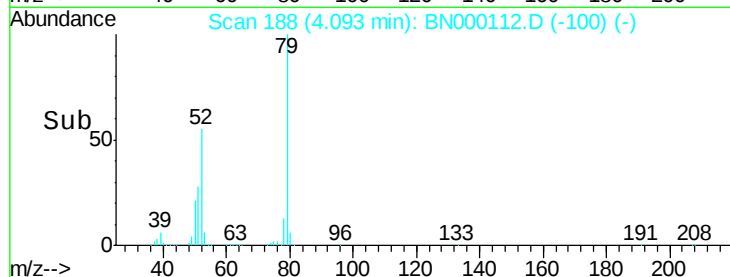


Abundance

Ion 79.00 (78.70 to 79.70): BN0

Ion 52.00 (51.70 to 52.70): BN0

Ion 51.00 (50.70 to 51.70): BN0



#4

n-Nitrosodimethylamine

Concen: 42.81 ng

RT: 4.00 min Scan# 173

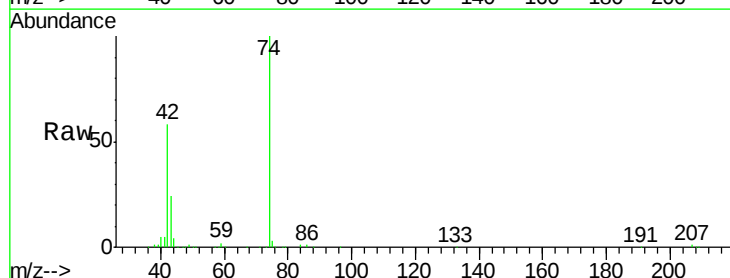
Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

Tgt Ion: 42 Resp: 428865

Ion	Ratio	Lower	Upper
42	100		
74	173.6	128.0	192.0
44	6.8	12.0	18.0

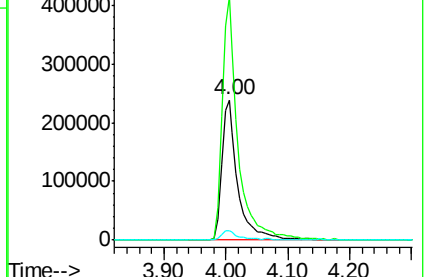
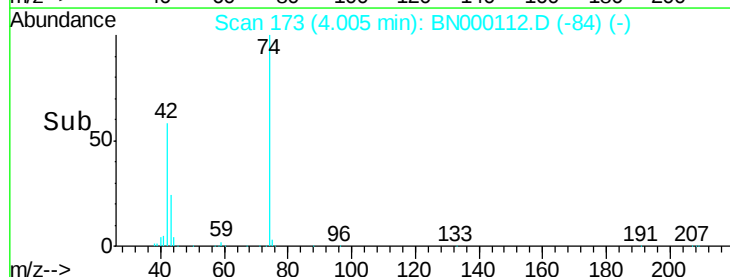


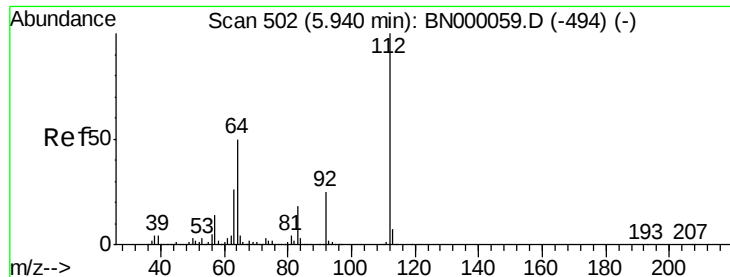
Abundance

Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0





#5

2-Fluorophenol

Concen: 84.35 ng

RT: 5.93 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

Instrument :

BNA_N

ClientSampleId :

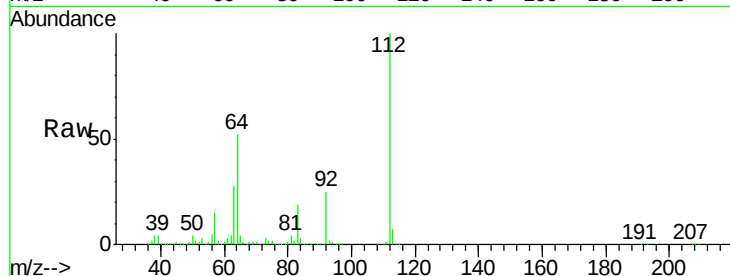
Tot Ion:112 Resp: 2385270

Ion Ratio Lower Upper

112 100

64 52.3 56.3 84.5#

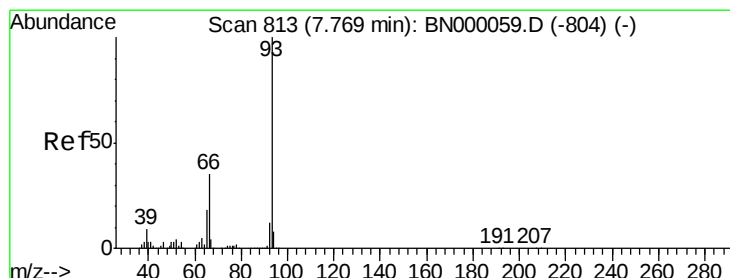
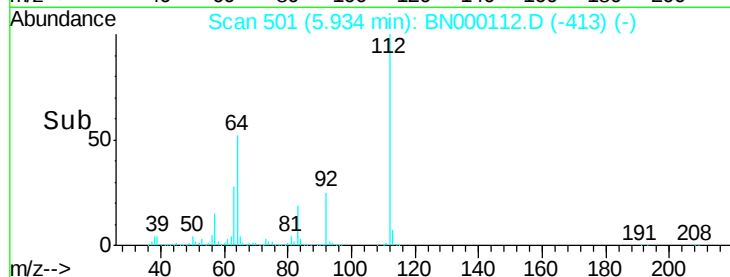
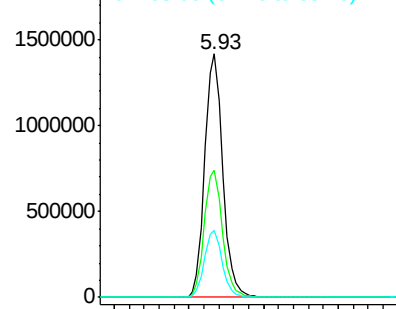
63 27.6 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 42.49 ng

RT: 7.76 min Scan# 812

Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

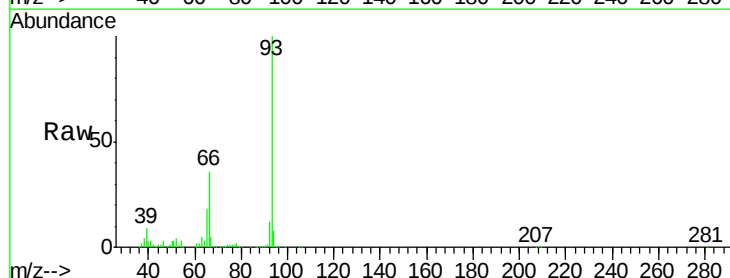
Tgt Ion: 93 Resp: 2507358

Ion Ratio Lower Upper

93 100

66 35.7 33.7 50.5

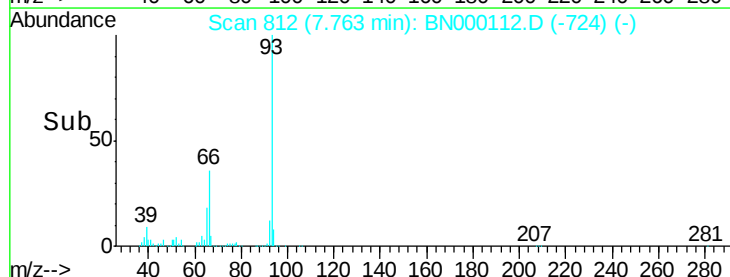
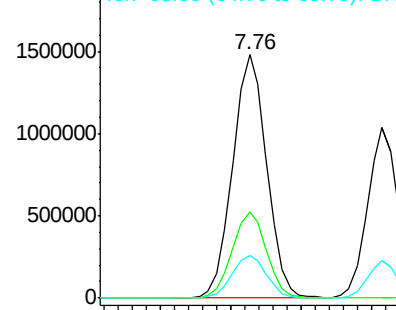
65 17.8 16.1 24.1

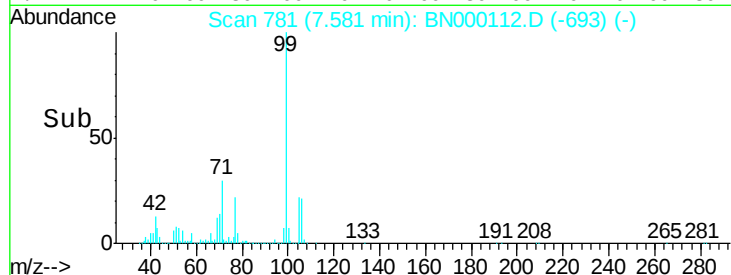
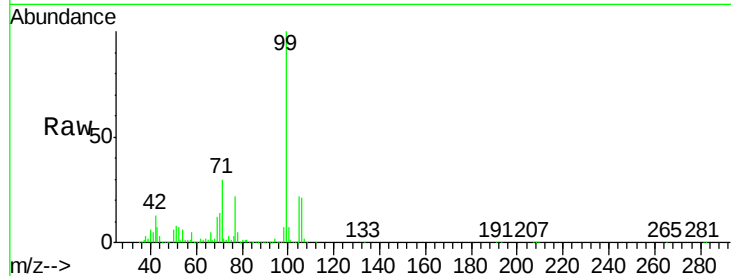
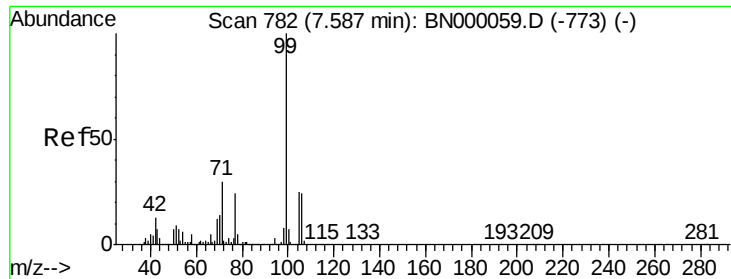


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 85.22 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

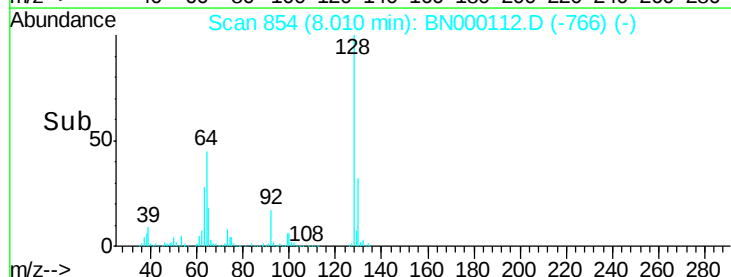
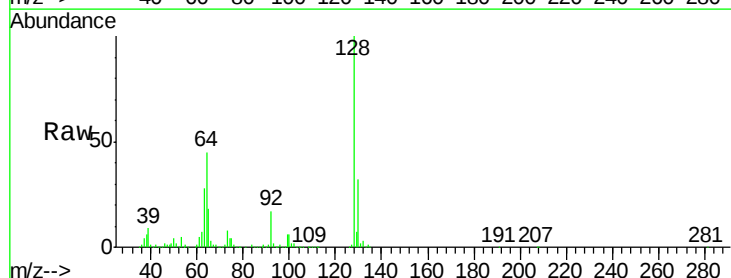
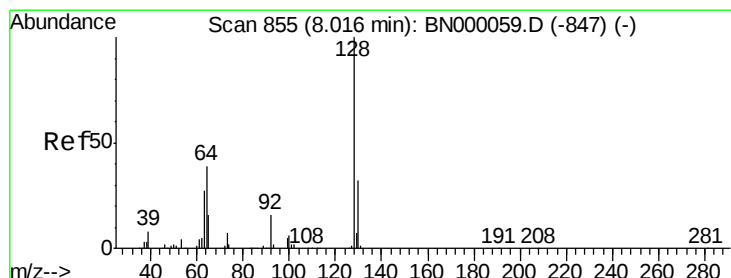
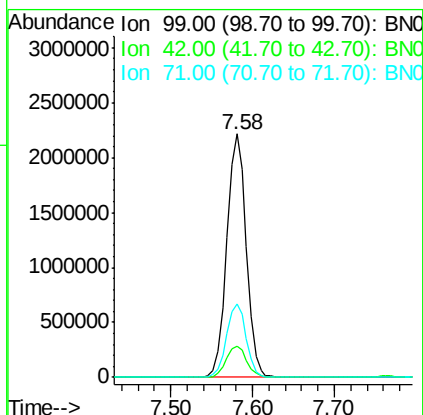
Instrument :

BNA_N

ClientSampled :

Tot Ion: 99 Resp: 3650490

Ion	Ratio	Lower	Upper
99	100		
42	13.0	14.1	21.1#
71	30.4	26.1	39.1



#8

2-Chlorophenol

Concen: 41.40 ng

RT: 8.01 min Scan# 854

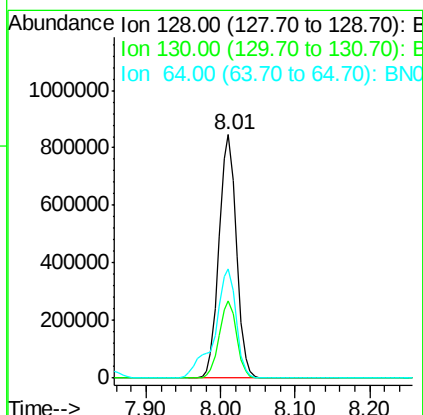
Delta R.T. -0.01 min

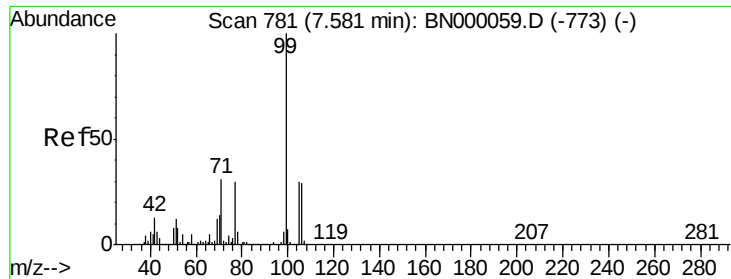
Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

Tgt Ion: 128 Resp: 1369247

Ion	Ratio	Lower	Upper
128	100		
130	31.5	14.0	54.0
64	44.9	37.7	77.7





#9

Benzaldehyde

Concen: 37.50 ng

RT: 7.57 min Scan# 780

Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

Instrument :

BNA_N

ClientSampleId :

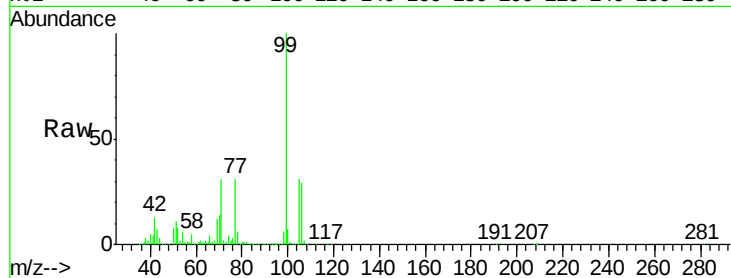
Tot Ion: 77 Resp: 999230

Ion Ratio Lower Upper

77 100

105 99.1 71.3 111.3

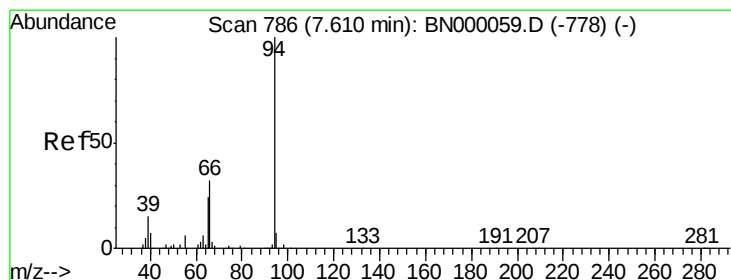
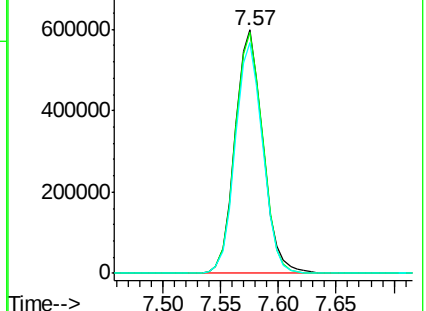
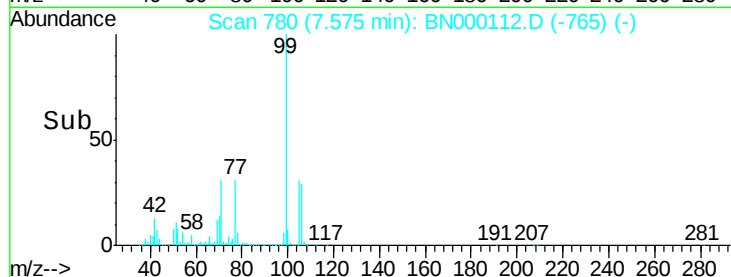
106 94.6 64.2 104.2



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: 42.46 ng

RT: 7.61 min Scan# 786

Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

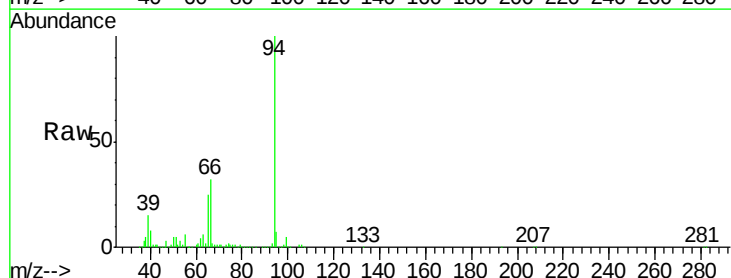
Tgt Ion: 94 Resp: 1919811

Ion Ratio Lower Upper

94 100

65 24.6 11.9 51.9

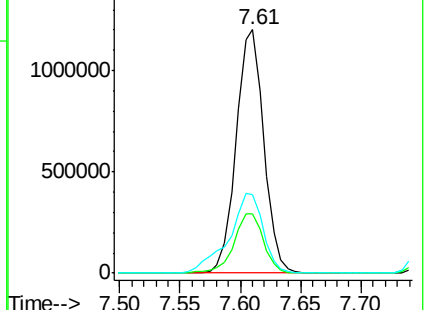
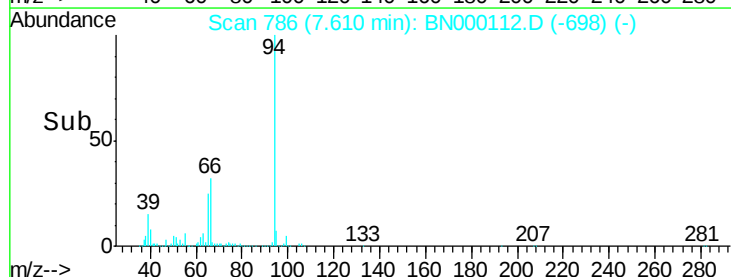
66 32.1 22.2 62.2



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

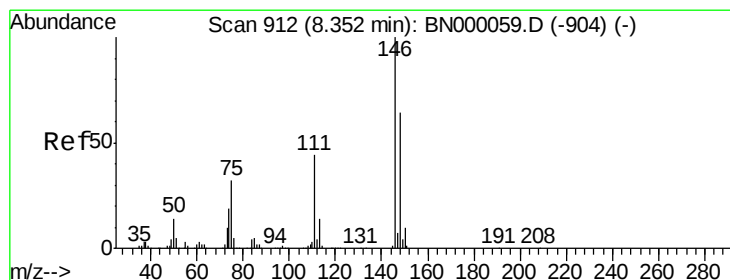
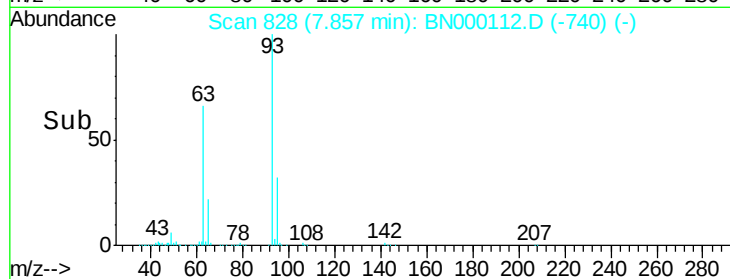
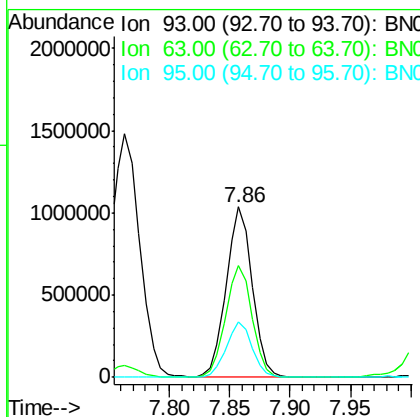
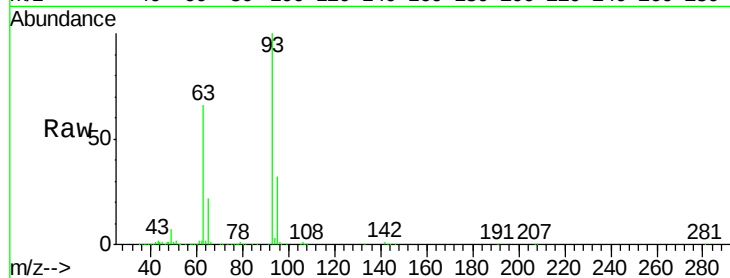




#11
bis(2-Chloroethyl)ether
Concen: 41.76 ng
RT: 7.86 min Scan# 828
Delta R.T. -0.01 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

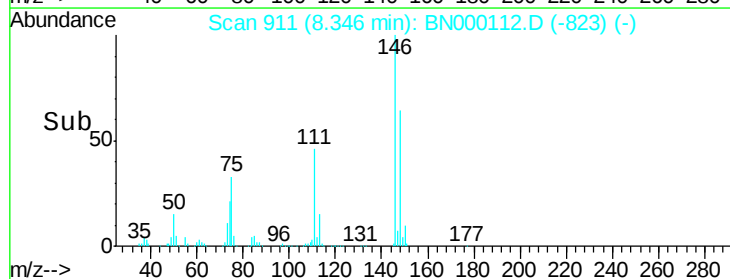
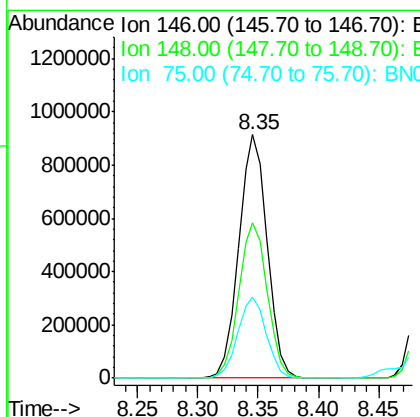
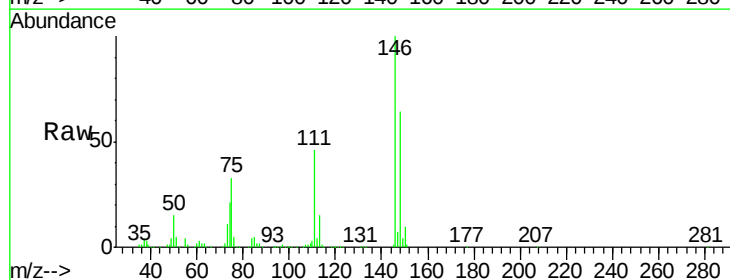
Instrument :
BNA_N
ClientSampleId :

Tot Ion: 93 Resp: 1552917
Ion Ratio Lower Upper
93 100
63 65.8 67.1 107.1#
95 32.3 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 39.74 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.01 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

Tgt Ion: 146 Resp: 1493165
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
75 33.2 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 39.64 ng

RT: 8.49 min Scan# 936

Delta R.T. -0.02 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

Instrument :

BNA_N

ClientSampleId :

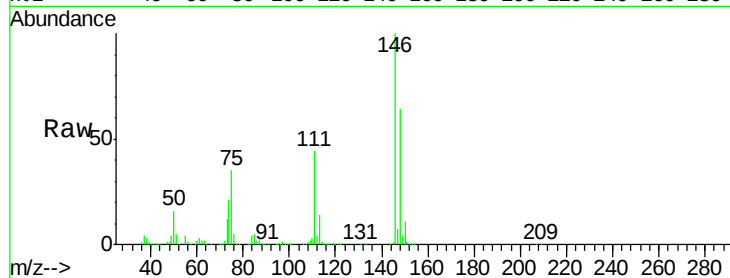
Tot Ion:146 Resp: 1521143

Ion Ratio Lower Upper

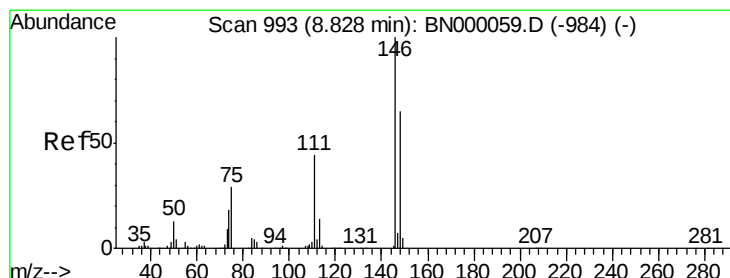
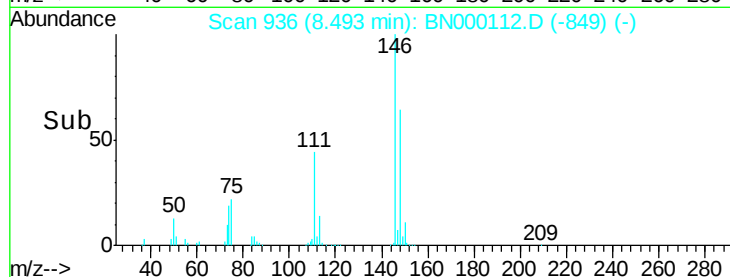
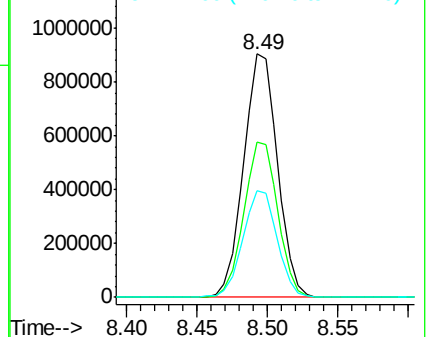
146 100

148 64.0 53.7 80.5

111 43.8 35.2 52.8



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



#14

1,2-Dichlorobenzene

Concen: 39.73 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

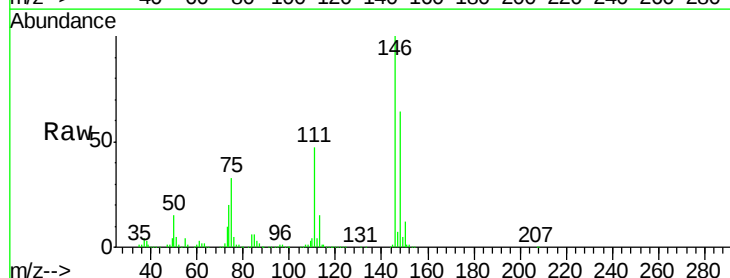
Tgt Ion:146 Resp: 1500600

Ion Ratio Lower Upper

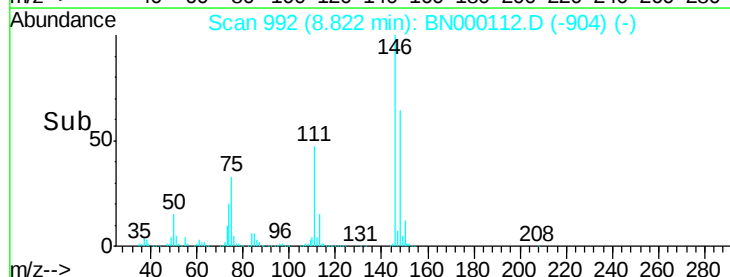
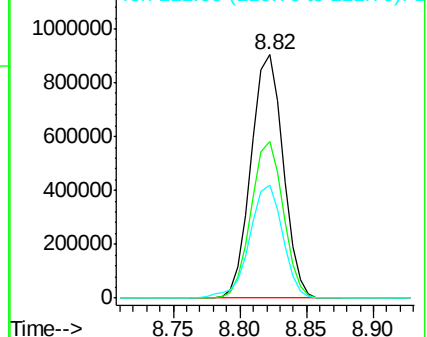
146 100

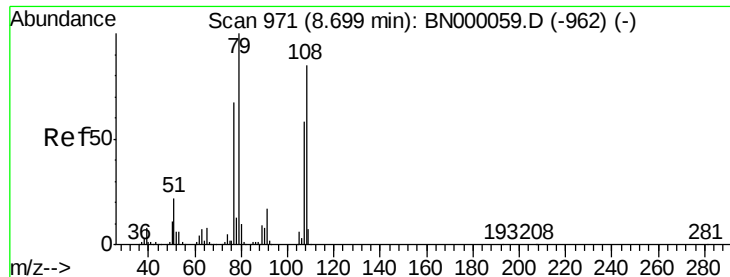
148 64.2 49.3 73.9

111 46.6 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 44.19 ng

RT: 8.69 min Scan# 970

Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

Instrument :

BNA_N

ClientSampled :

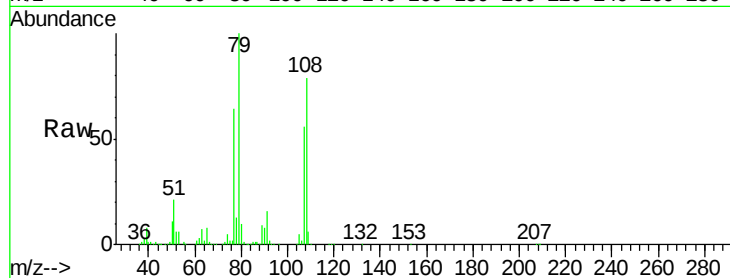
Tot Ion: 79 Resp: 1360484

Ion Ratio Lower Upper

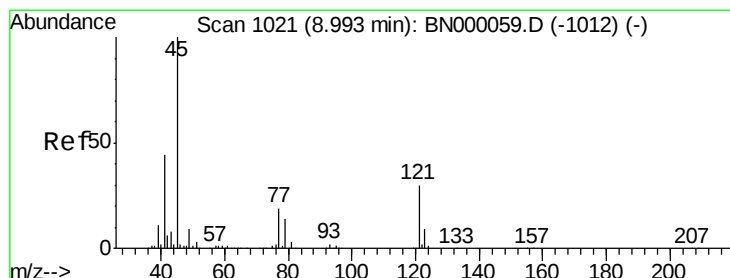
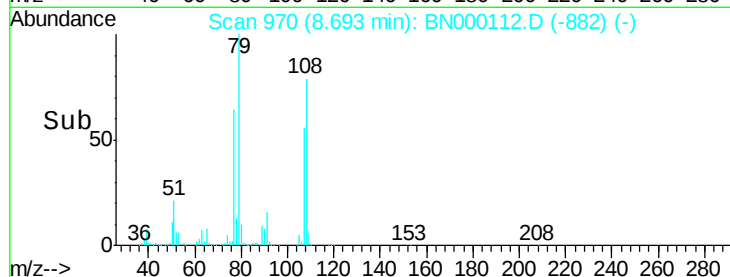
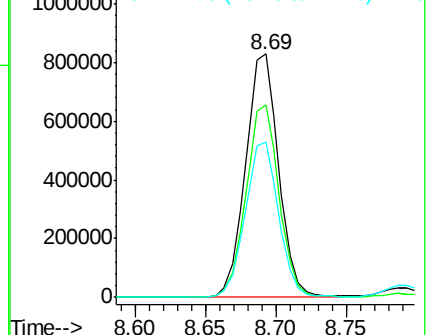
79 100

108 79.1 57.2 85.8

77 64.0 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.03 ng

RT: 8.99 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

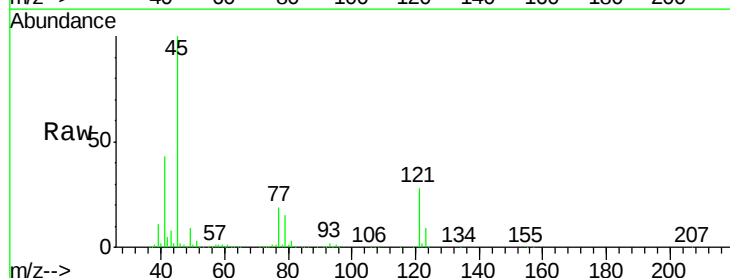
Tgt Ion: 45 Resp: 1693725

Ion Ratio Lower Upper

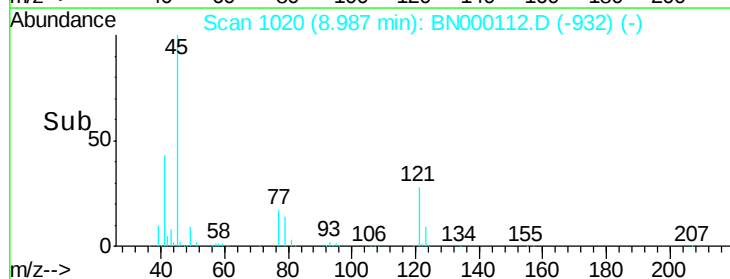
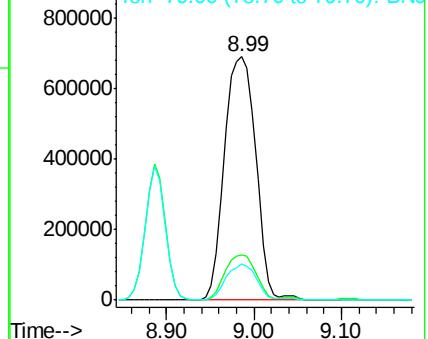
45 100

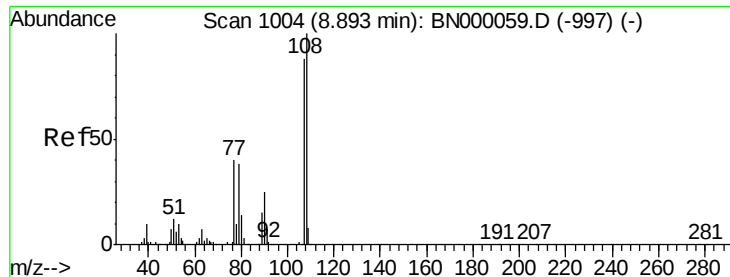
77 18.5 0.0 30.2

79 14.6 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BN0
Ion 77.00 (76.70 to 77.70): BN0
Ion 79.00 (78.70 to 79.70): BN0

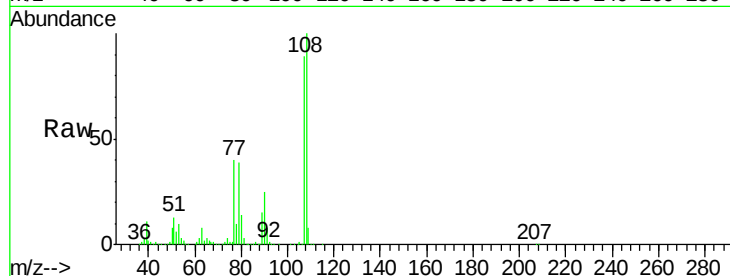




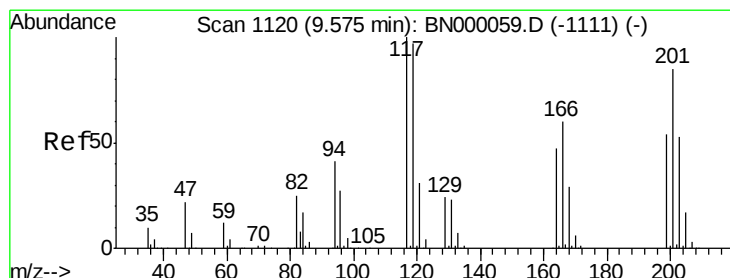
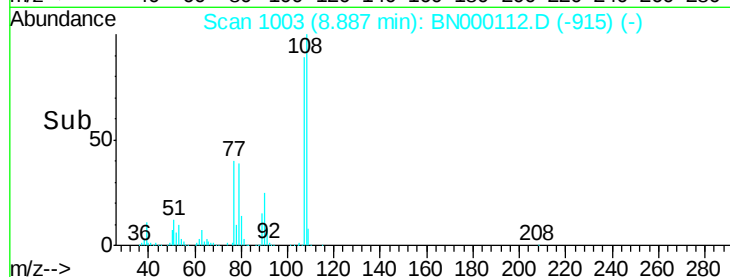
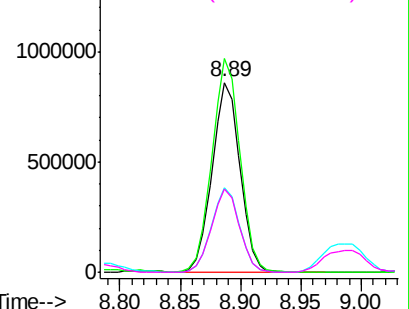
#17
2-Methylphenol
Concen: 42.83 ng
RT: 8.89 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

Instrument :
BNA_N
ClientSampled :

Tot Ion:107 Resp: 1376241
Ion Ratio Lower Upper
107 100
108 112.8 83.9 125.9
77 44.8 37.2 55.8
79 44.2 36.2 54.2

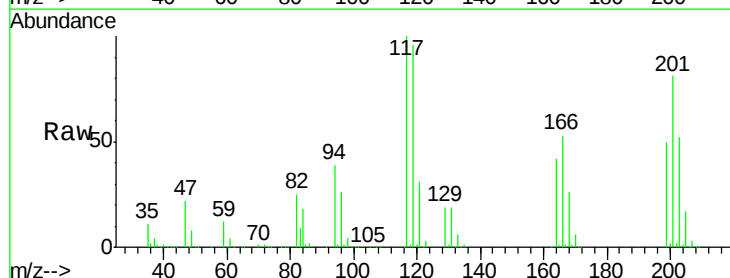


Abundance Ion 107.00 (106.70 to 107.70): E
1500000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

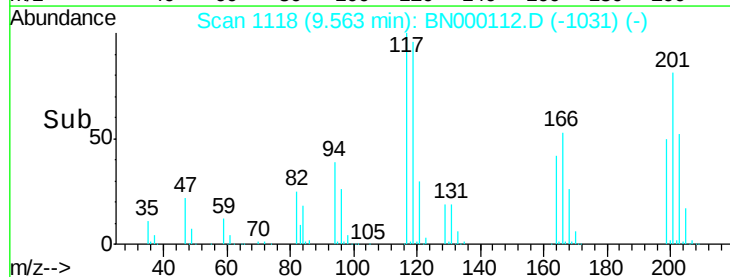
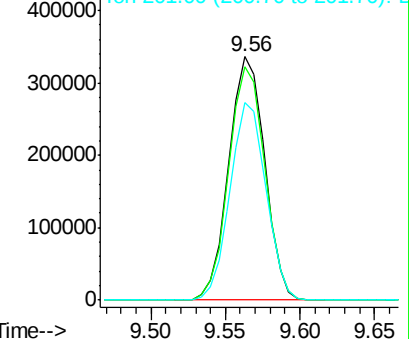


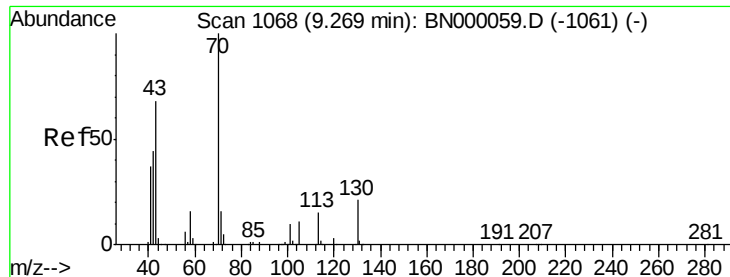
#18
Hexachloroethane
Concen: 42.02 ng
RT: 9.56 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

Tgt Ion:117 Resp: 561334
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1
201 81.1 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

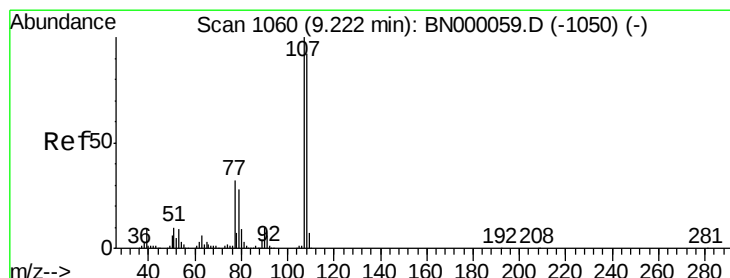
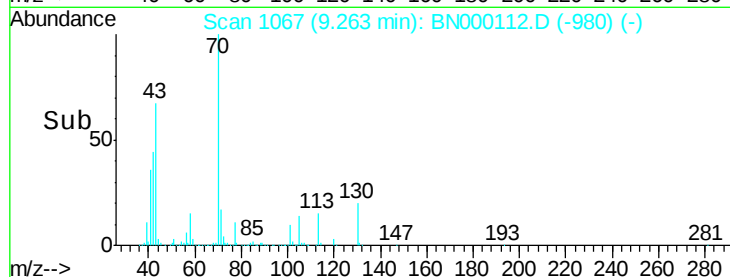
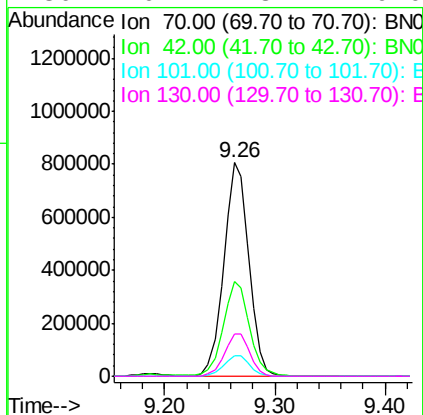
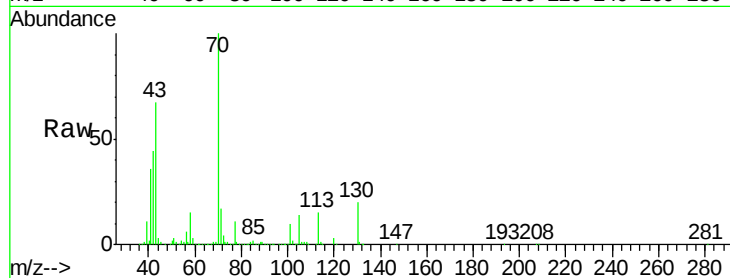




#19
n-Nitroso-di-n-propylamine
Concen: 44.07 ng
RT: 9.26 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

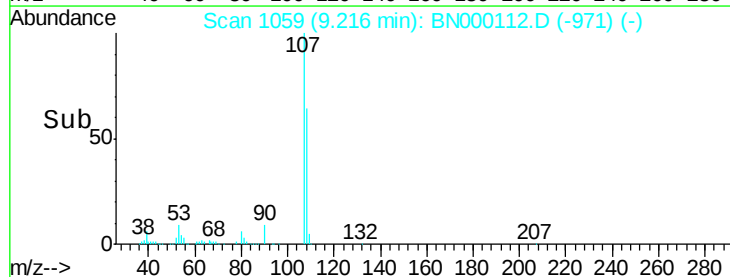
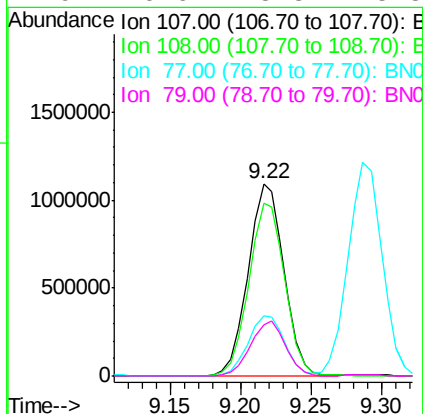
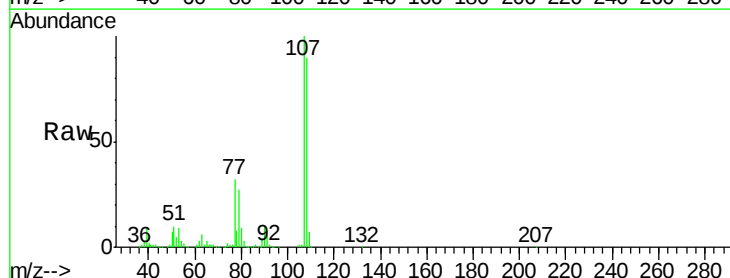
Instrument :
BNA_N
ClientSampleId :

Tot Ion: 70 Resp: 1265048
Ion Ratio Lower Upper
70 100
42 44.5 49.1 73.7#
101 9.8 8.5 12.7
130 20.1 13.4 20.0#



#20
3+4-Methylphenols
Concen: 43.13 ng
RT: 9.22 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

Tgt Ion:107 Resp: 1938241
Ion Ratio Lower Upper
107 100
108 89.8 61.6 101.6
77 31.6 13.9 53.9
79 26.6 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: BN000112.D

Acq: 19 Feb 2018 16:29

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 2365719

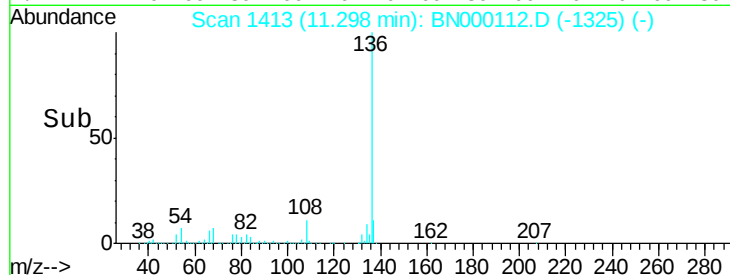
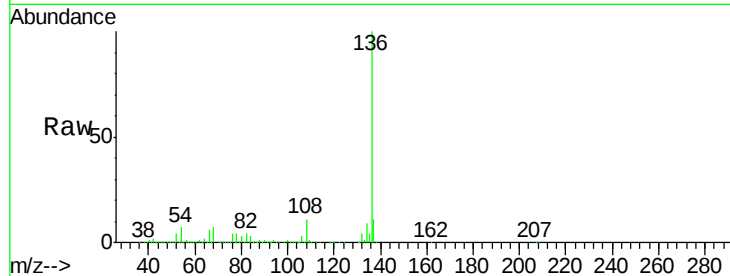
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 7.2 10.3 15.5#

68 6.7 4.5 6.7#

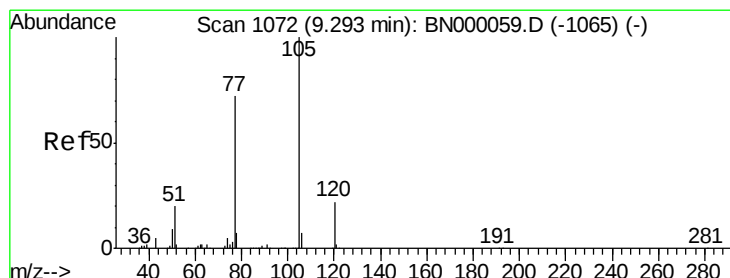
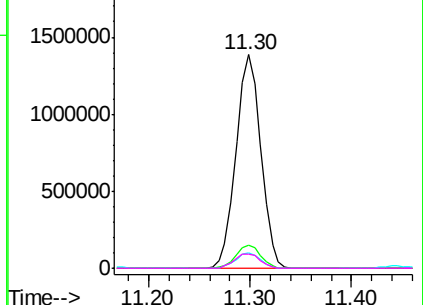


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.12 ng

RT: 9.29 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

Tgt Ion:105 Resp: 2659942

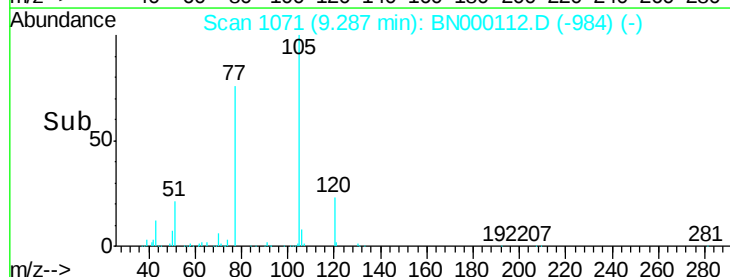
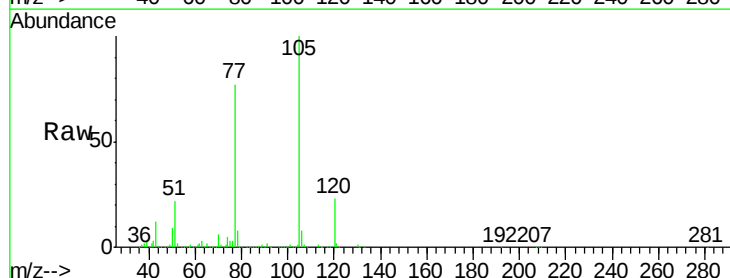
Ion Ratio Lower Upper

105 100

71 0.9 3.0 4.4#

51 21.9 26.1 39.1#

120 22.7 17.4 26.2

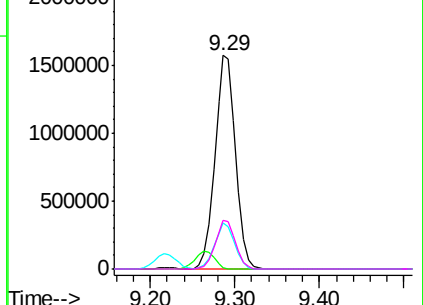


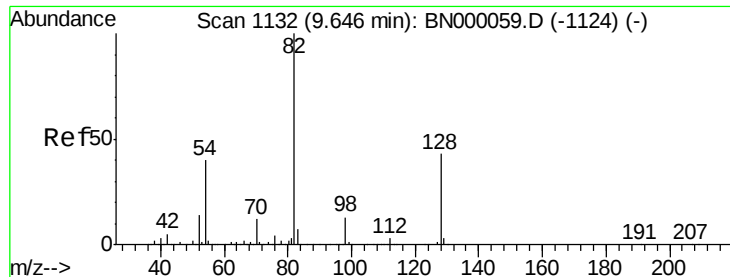
Abundance Ion 105.00 (104.70 to 105.70): E

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

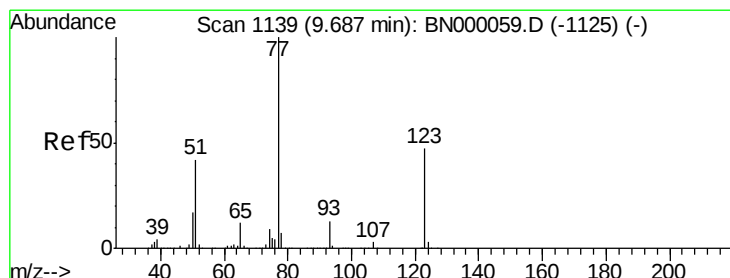
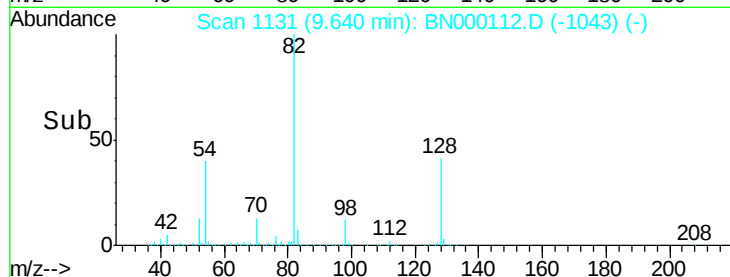
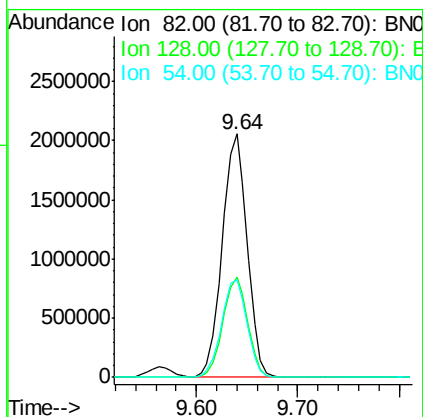
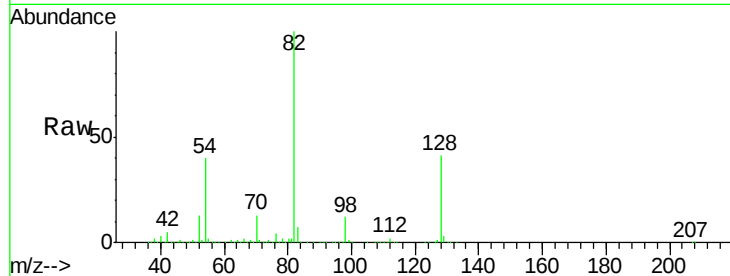




#23
 Nitrobenzene-d5
 Concen: 87.87 ng
 RT: 9.64 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BN000112.D
 Acq: 19 Feb 2018 16:29

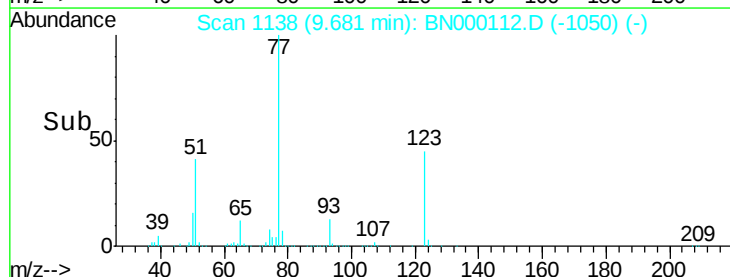
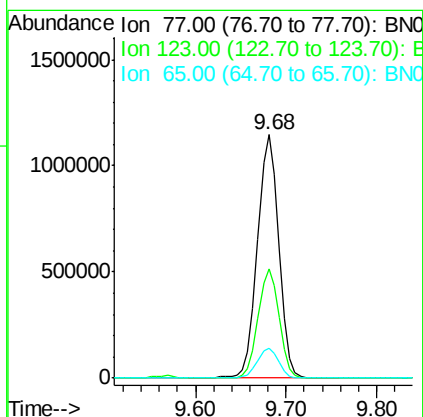
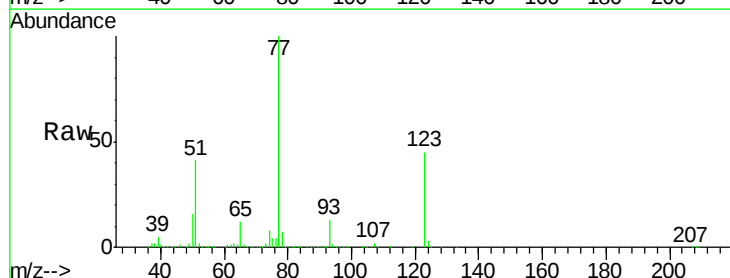
Instrument :
 BNA_N
 ClientSampled :

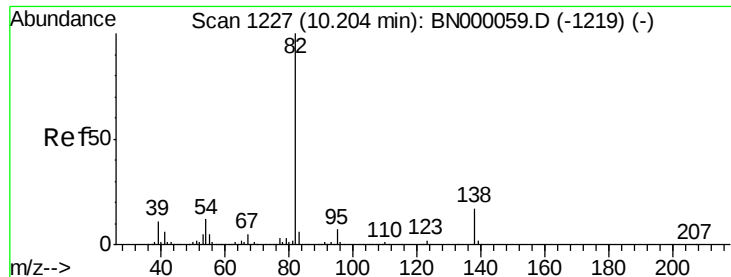
Tot Ion: 82 Resp: 3496320
 Ion Ratio Lower Upper
 82 100
 128 40.9 29.7 44.5
 54 40.3 43.1 64.7#



#24
 Nitrobenzene
 Concen: 43.01 ng
 RT: 9.68 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BN000112.D
 Acq: 19 Feb 2018 16:29

Tgt Ion: 77 Resp: 1870850
 Ion Ratio Lower Upper
 77 100
 123 44.8 33.0 49.6
 65 12.4 13.0 19.6#





#25

Isophorone

Concen: 42.61 ng

RT: 10.20 min Scan# 1226

Delta R.T. -0.02 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

Instrument :

BNA_N

ClientSampled :

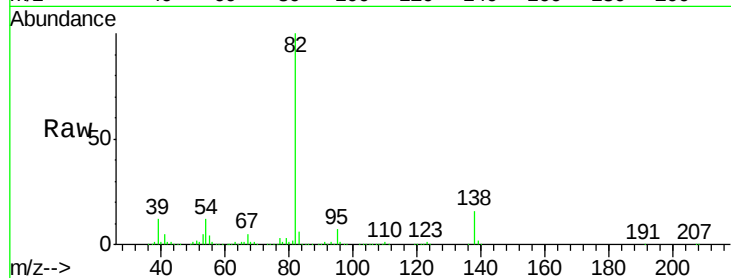
Tot Ion: 82 Resp: 3504936

Ion Ratio Lower Upper

82 100

95 7.0 6.2 9.2

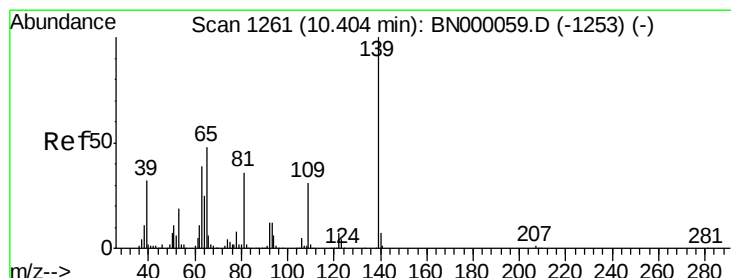
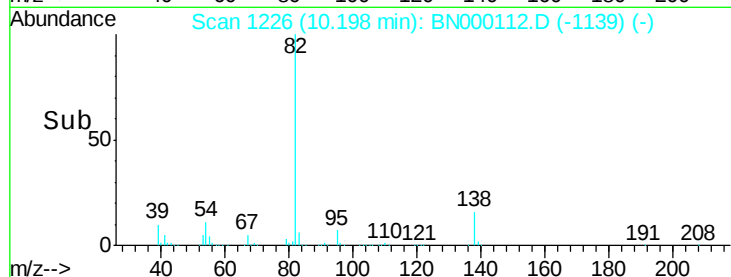
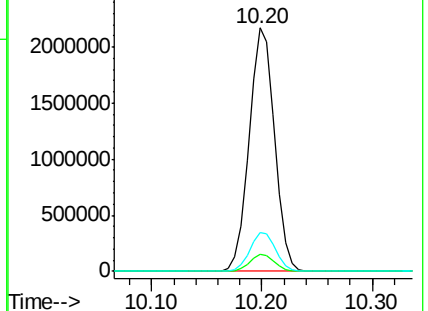
138 15.9 12.1 18.1



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

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

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



#26

2-Nitrophenol

Concen: 40.20 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

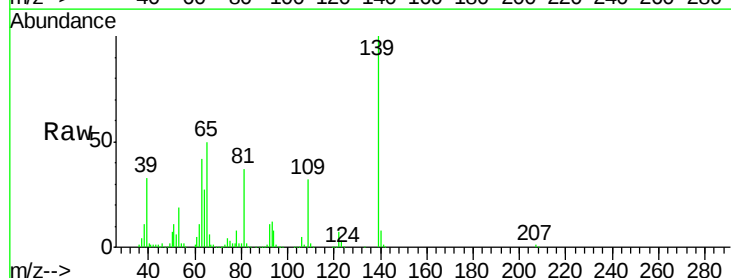
Tgt Ion: 139 Resp: 692014

Ion Ratio Lower Upper

139 100

109 31.5 24.2 36.2

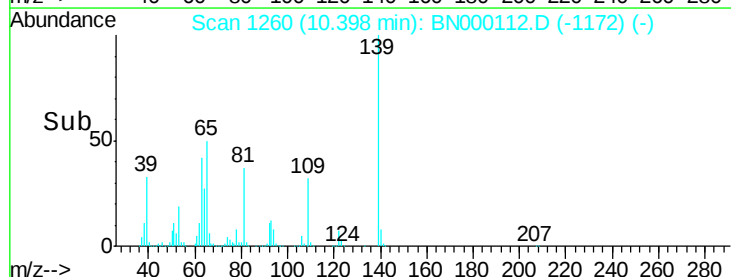
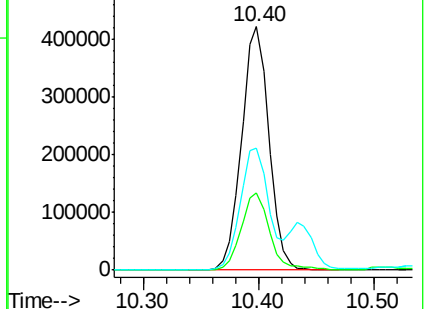
65 50.2 47.4 71.0



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

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

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

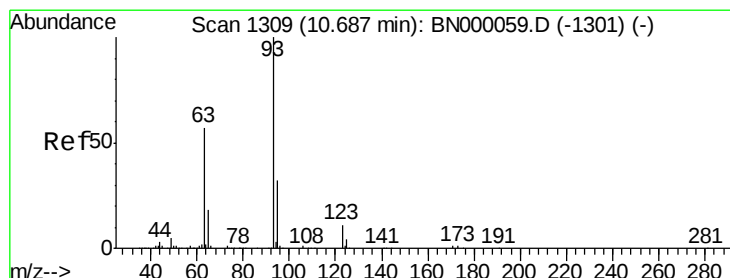
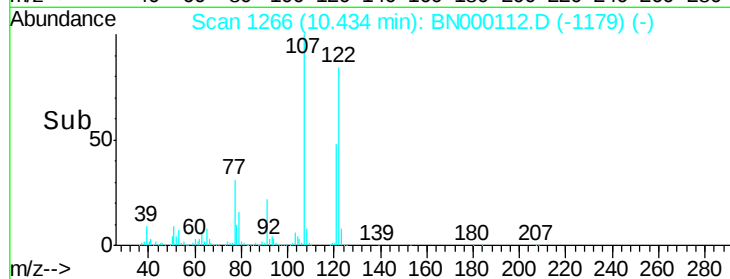
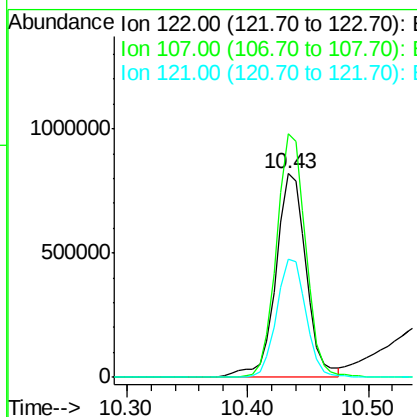
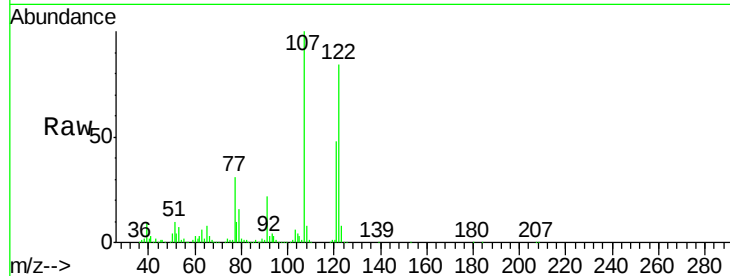




#27
 2,4-Dimethylphenol
 Concen: 39.81 ng
 RT: 10.43 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BN000112.D
 Acq: 19 Feb 2018 16:29

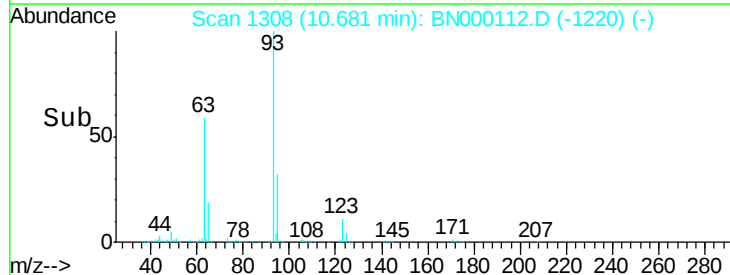
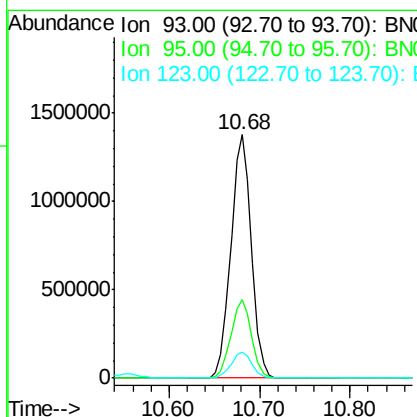
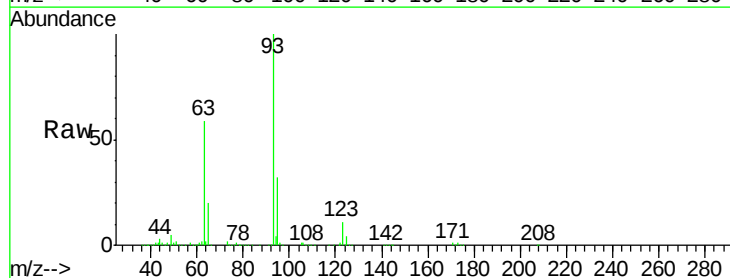
Instrument :
 BNA_N
 ClientSampled :

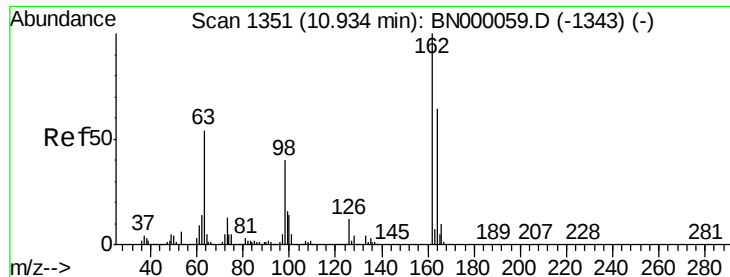
Tot Ion:122 Resp: 1419508
 Ion Ratio Lower Upper
 122 100
 107 119.5 100.2 150.2
 121 57.8 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.90 ng
 RT: 10.68 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BN000112.D
 Acq: 19 Feb 2018 16:29

Tgt Ion: 93 Resp: 2157420
 Ion Ratio Lower Upper
 93 100
 95 32.3 24.3 36.5
 123 10.9 8.4 12.6

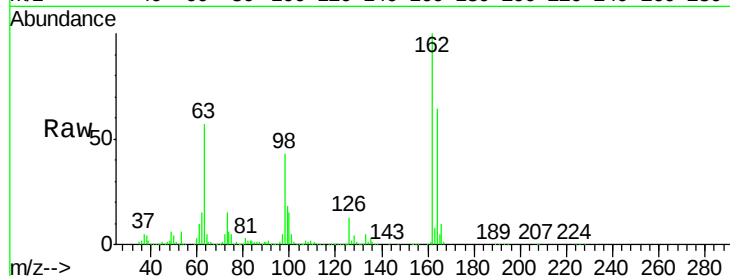




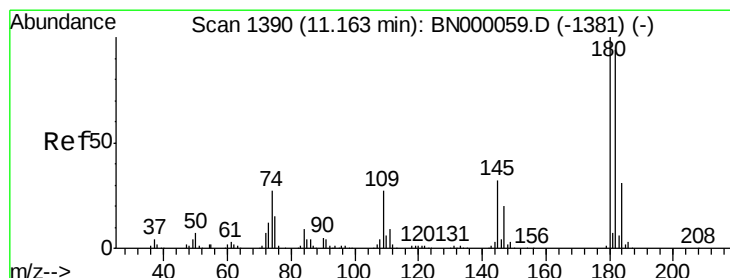
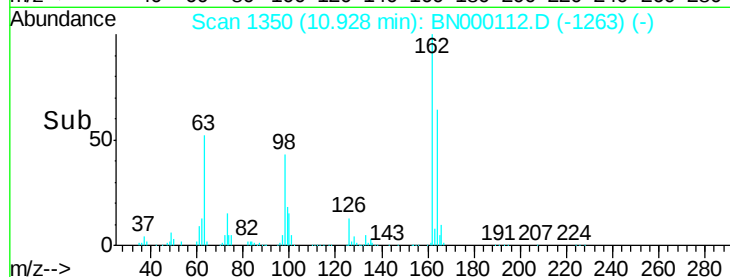
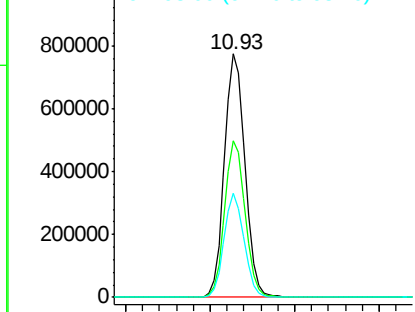
#29
2,4-Dichlorophenol
Concen: 39.46 ng
RT: 10.93 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion:162 Resp: 1302139
Ion Ratio Lower Upper
162 100
164 64.3 48.0 88.0
98 42.7 21.1 61.1

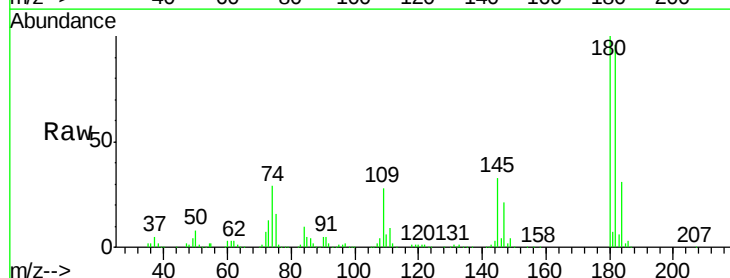


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BNC

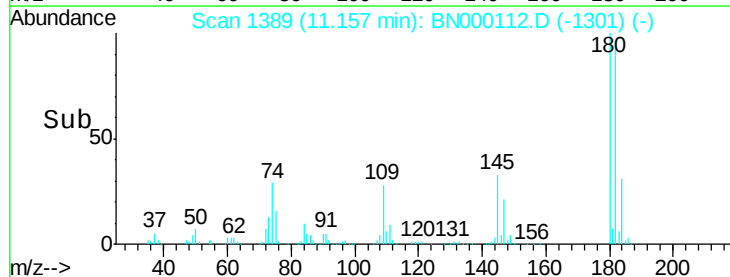
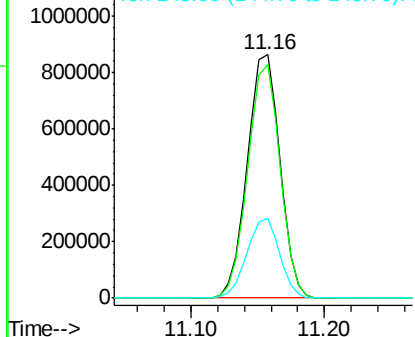


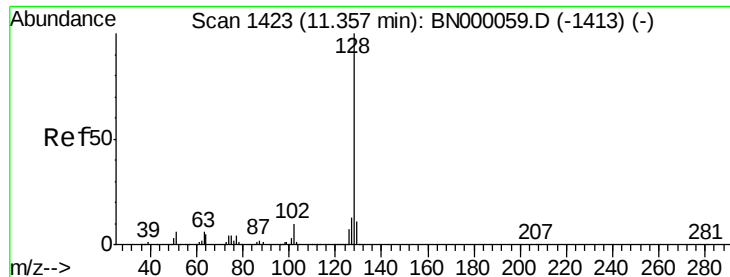
#30
1,2,4-Trichlorobenzene
Concen: 38.34 ng
RT: 11.16 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

Tgt Ion:180 Resp: 1456976
Ion Ratio Lower Upper
180 100
182 95.7 77.5 116.3
145 32.9 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

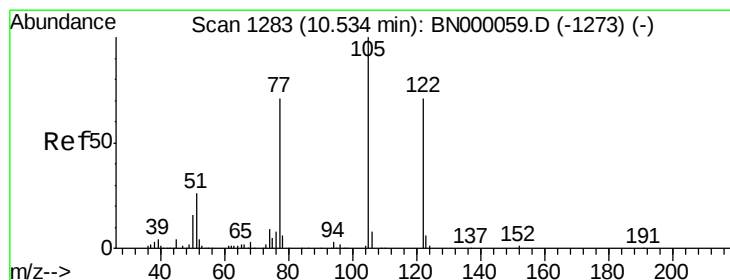
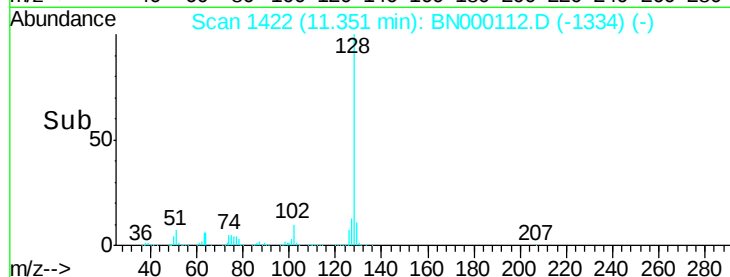
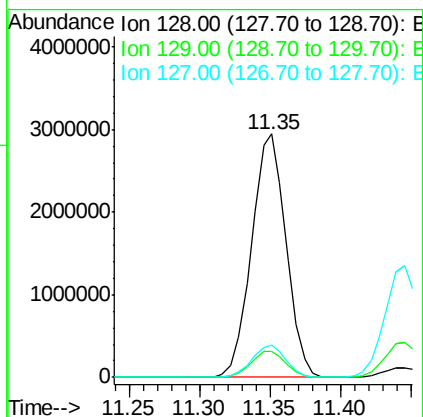
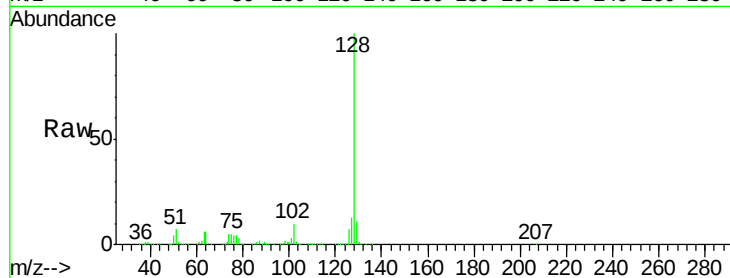




#31
Naphthalene
Concen: 38.83 ng
RT: 11.35 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

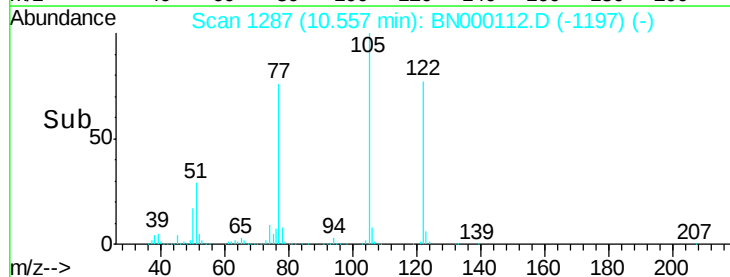
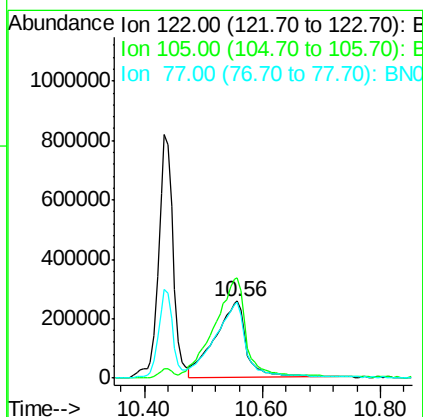
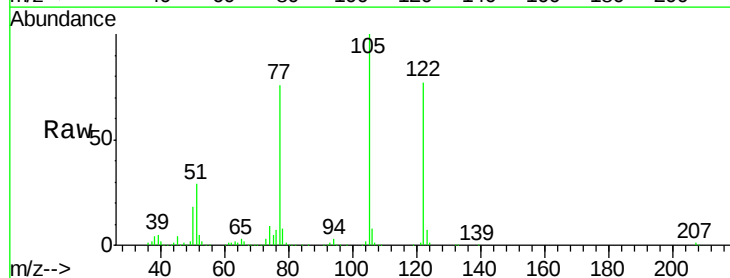
Instrument :
BNA_N
ClientSampleId :

Tot Ion:128 Resp: 5035753
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.3 11.6 17.4



#32
Benzoic acid
Concen: 38.69 ng
RT: 10.56 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

Tgt Ion:122 Resp: 955153
Ion Ratio Lower Upper
122 100
105 129.8 123.5 163.5
77 98.7 85.7 125.7

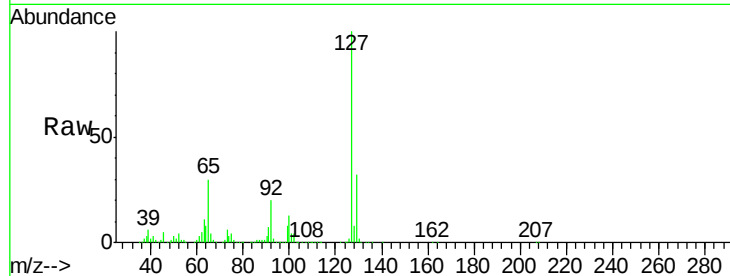




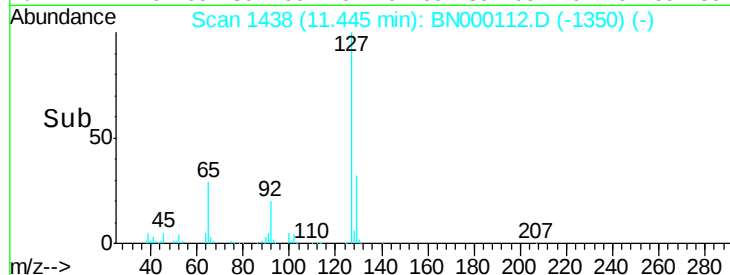
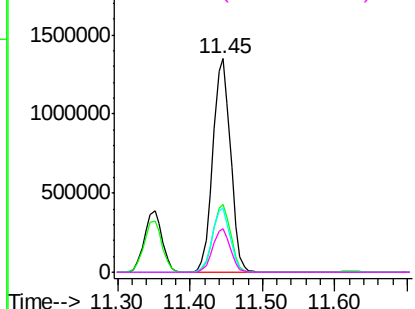
#33
4-Chloroaniline
Concen: 40.25 ng
RT: 11.45 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion:127 Resp: 2293028
Ion Ratio Lower Upper
127 100
129 31.8 24.0 36.0
65 29.7 27.0 40.4
92 20.2 16.6 25.0

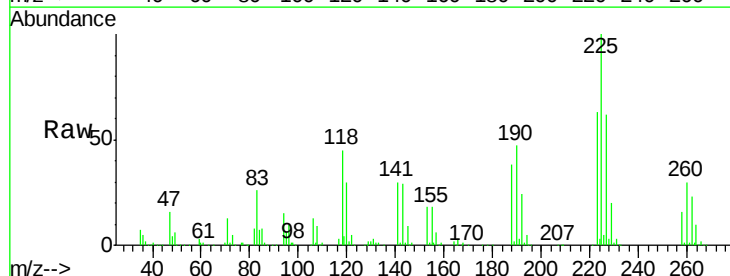


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

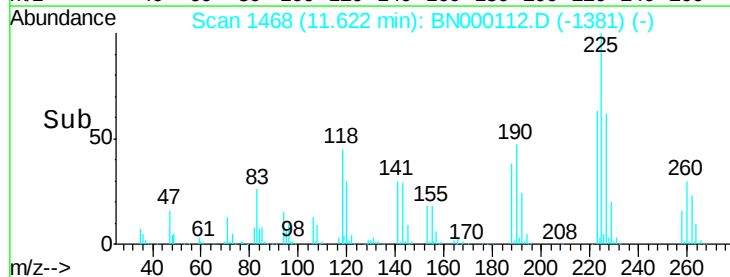
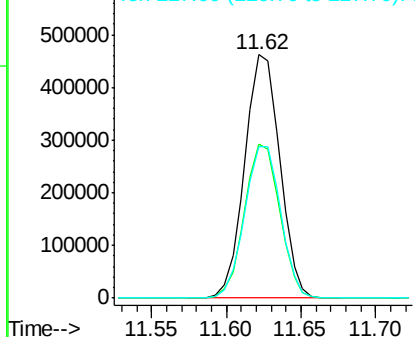


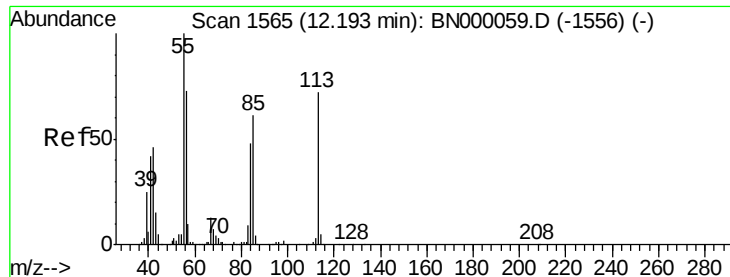
#34
Hexachlorobutadiene
Concen: 38.25 ng
RT: 11.62 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

Tgt Ion:225 Resp: 753684
Ion Ratio Lower Upper
225 100
223 63.1 49.7 74.5
227 62.4 48.1 72.1



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





#35

Caprolactam

Concen: 39.25 ng

RT: 12.20 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

Instrument :

BNA_N

ClientSampleId :

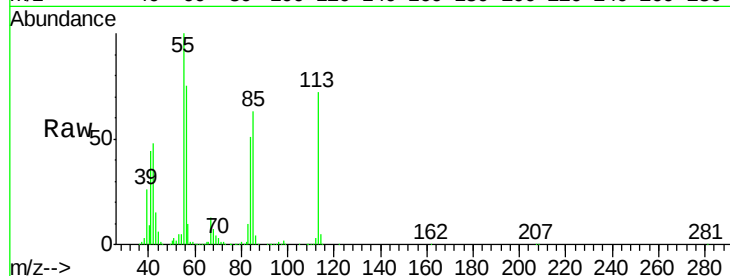
Tot Ion:113 Resp: 554672

Ion Ratio Lower Upper

113 100

55 138.8 120.0 160.0

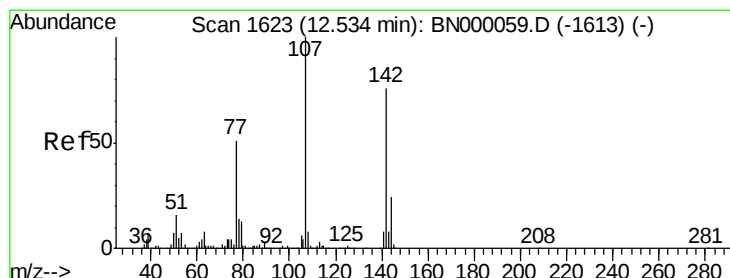
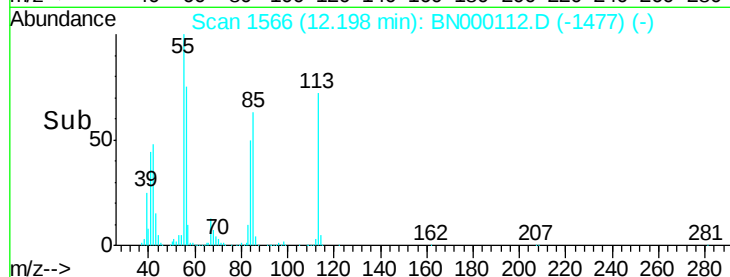
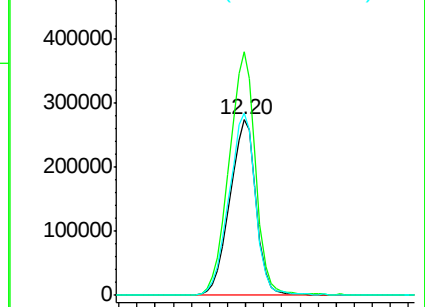
56 104.1 90.0 130.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNC

Ion 56.00 (55.70 to 56.70): BNC



#36

4-Chloro-3-methylphenol

Concen: 40.63 ng

RT: 12.53 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

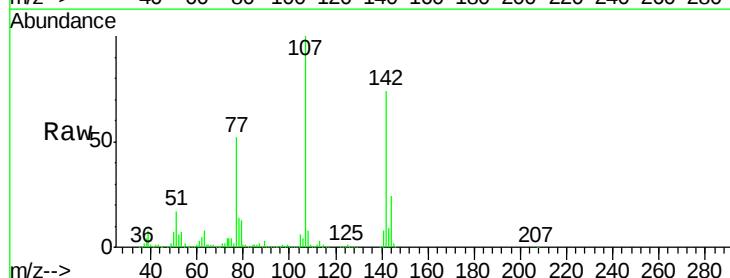
Tgt Ion:107 Resp: 1702266

Ion Ratio Lower Upper

107 100

144 24.0 18.2 27.4

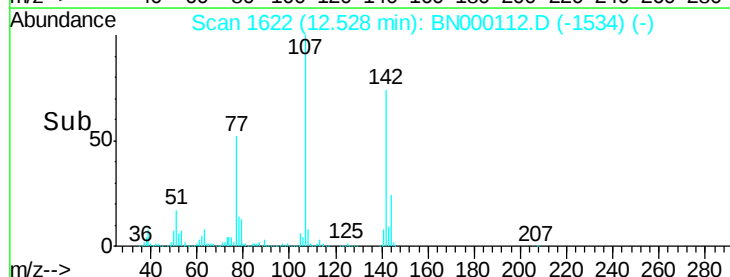
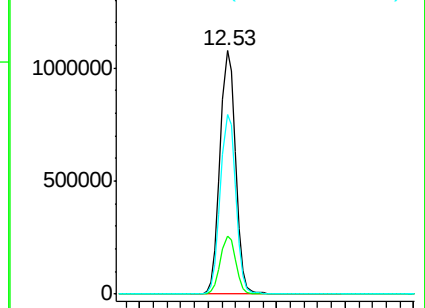
142 73.9 59.0 88.4

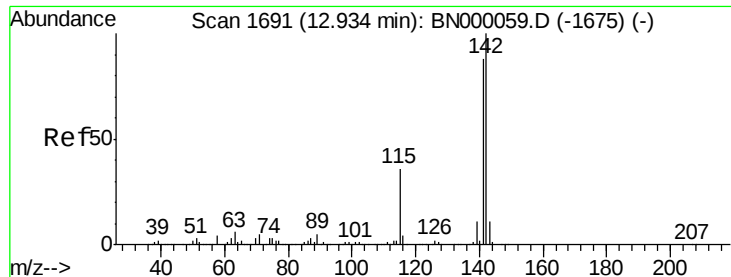


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

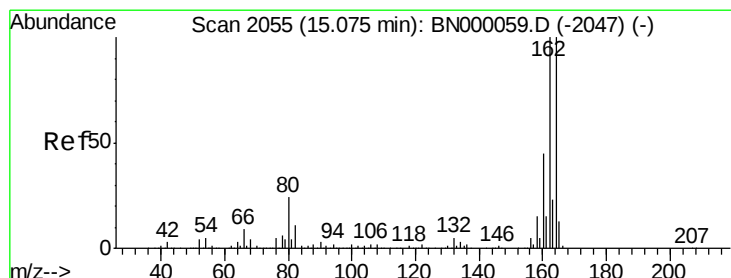
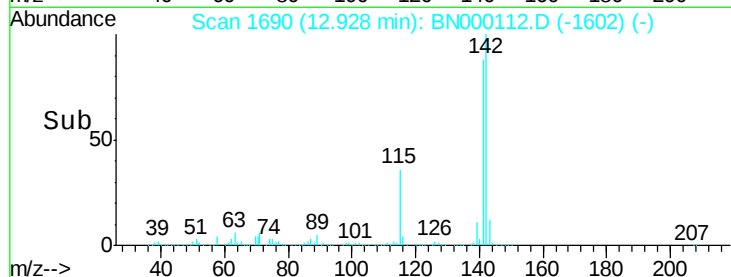
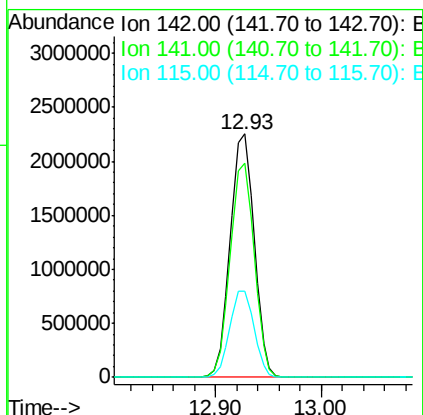
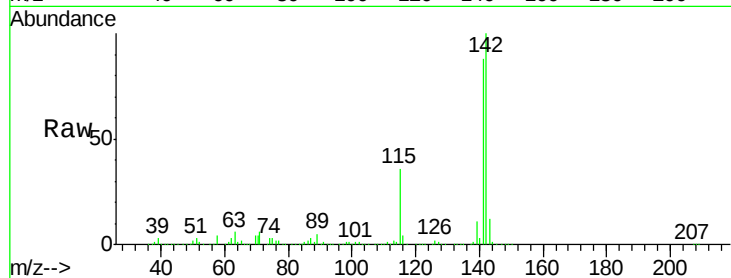




#37
2-Methylnaphthalene
Concen: 39.14 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

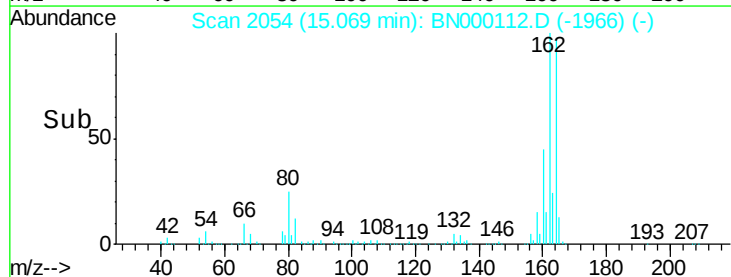
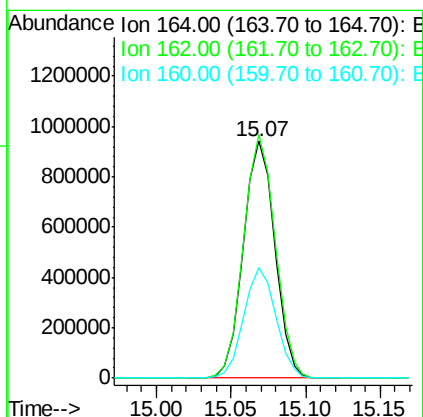
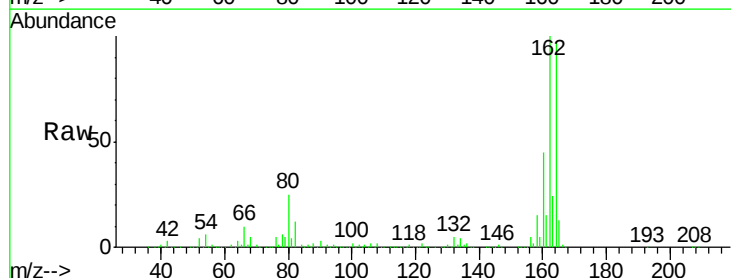
Instrument :
BNA_N
ClientSampleId :

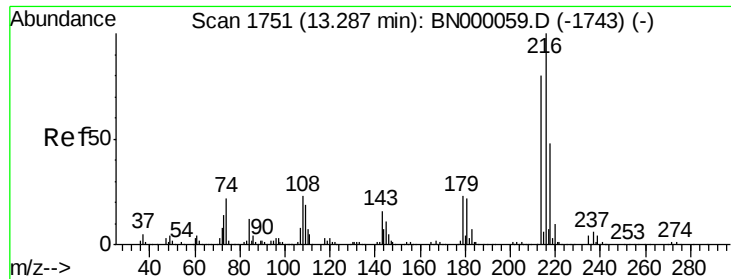
Tot Ion:142 Resp: 3531742
Ion Ratio Lower Upper
142 100
141 88.0 67.1 100.7
115 35.5 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

Tgt Ion:164 Resp: 1373546
Ion Ratio Lower Upper
164 100
162 102.7 78.8 118.2
160 46.5 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.68 ng

RT: 13.28 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

Instrument :

BNA_N

ClientSampleId :

Tot Ion:216 Resp: 1568222

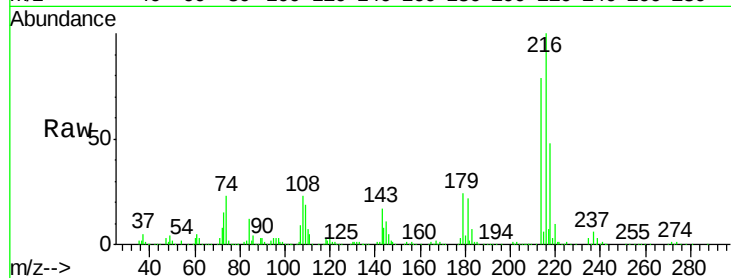
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 23.4 17.0 25.6

108 25.1 12.8 19.2#

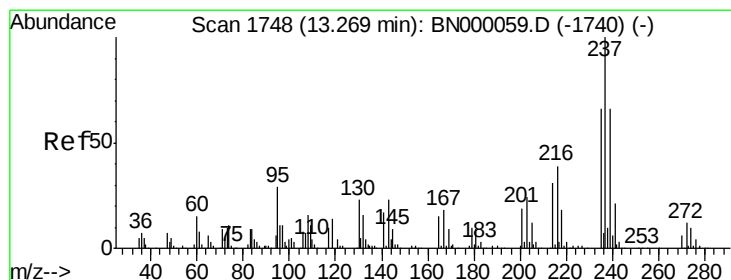
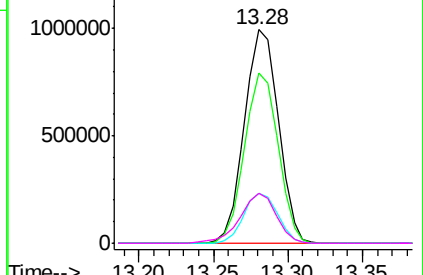
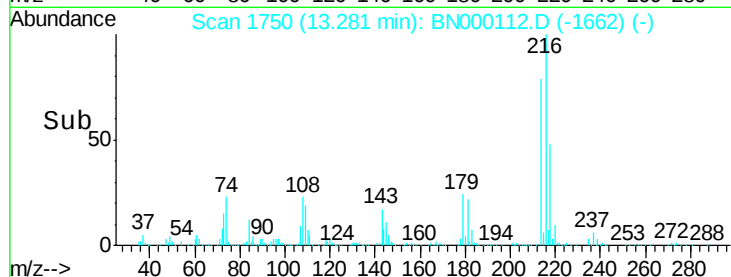


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 42.23 ng

RT: 13.26 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

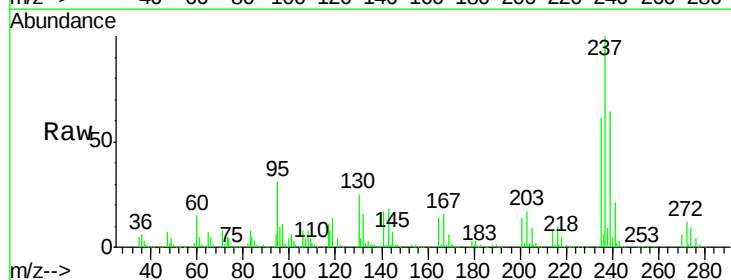
Tgt Ion:237 Resp: 713702

Ion Ratio Lower Upper

237 100

235 61.2 50.4 90.4

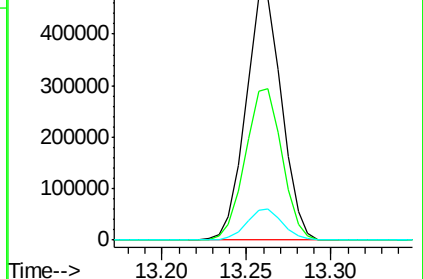
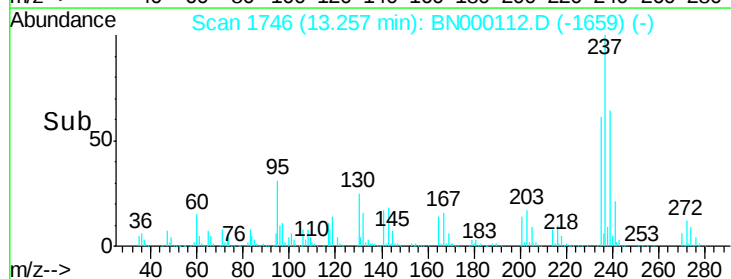
272 12.2 0.0 31.8

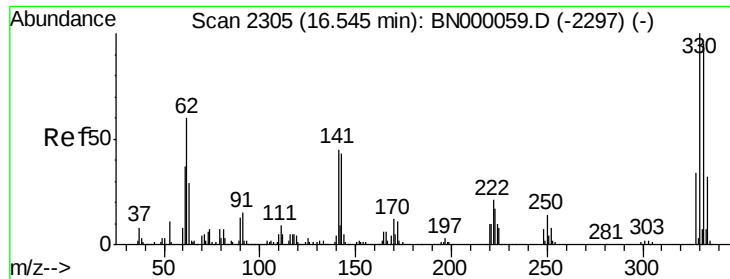


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

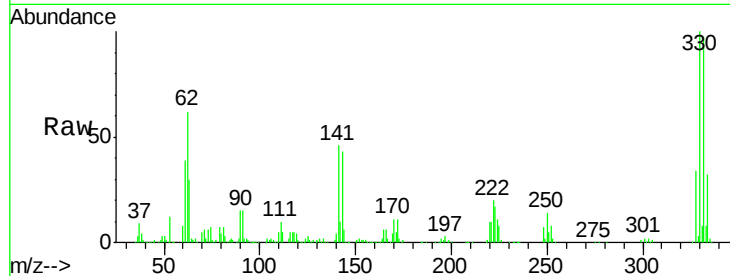




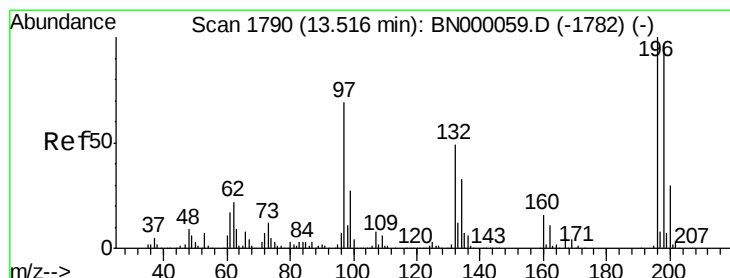
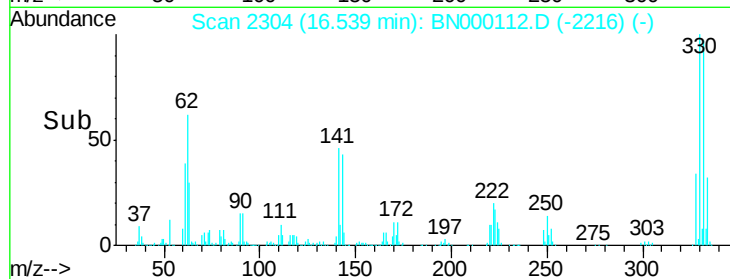
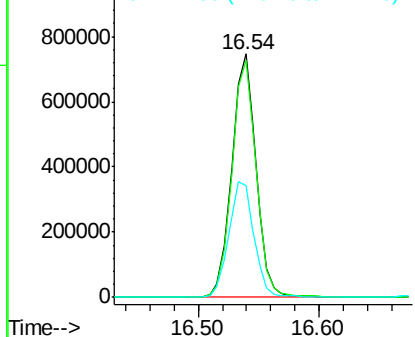
#41
 2,4,6-Tribromophenol
 Concen: 76.84 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BN000112.D
 Acq: 19 Feb 2018 16:29

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:330 Resp: 1044657
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 49.8 25.2 37.8#

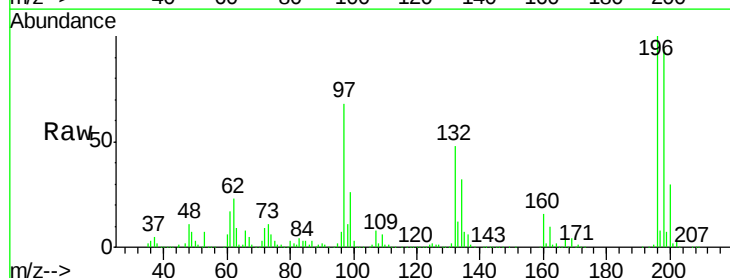


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

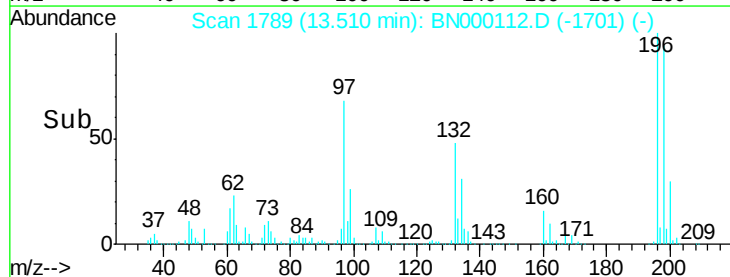
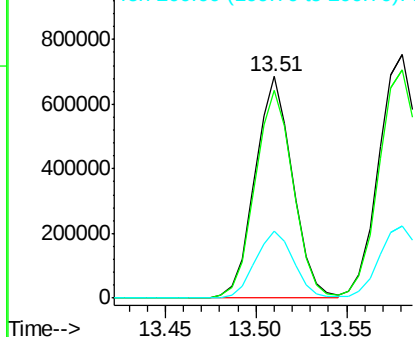


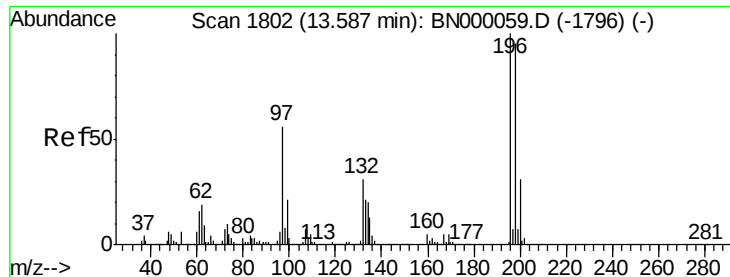
#42
 2,4,6-Trichlorophenol
 Concen: 40.56 ng
 RT: 13.51 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BN000112.D
 Acq: 19 Feb 2018 16:29

Tgt Ion:196 Resp: 985465
 Ion Ratio Lower Upper
 196 100
 198 93.8 78.2 117.2
 200 30.4 24.6 36.8



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

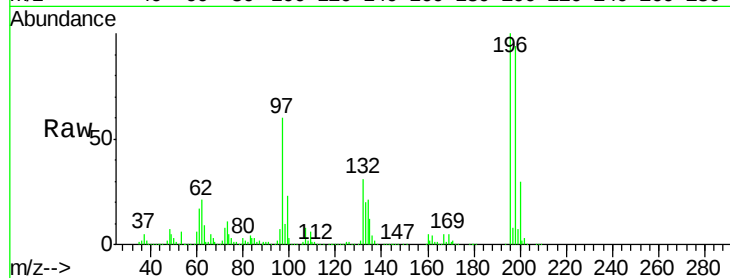




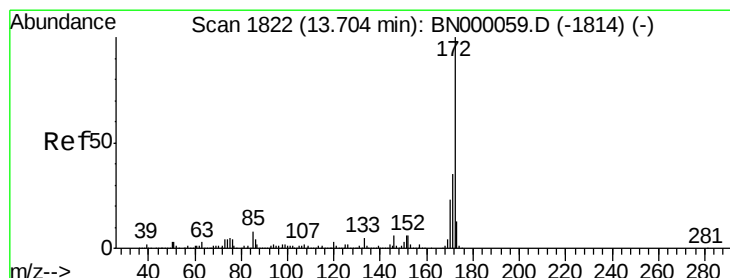
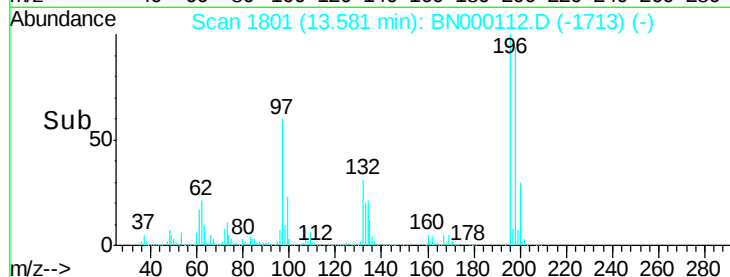
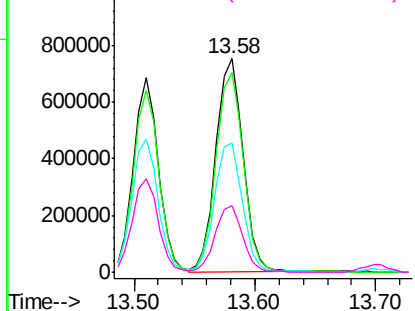
#43
2,4,5-Trichlorophenol
Concen: 40.07 ng
RT: 13.58 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion:196 Resp: 1170360
Ion Ratio Lower Upper
196 100
198 93.6 76.2 114.4
97 60.2 38.7 58.1#
132 31.2 20.2 30.2#

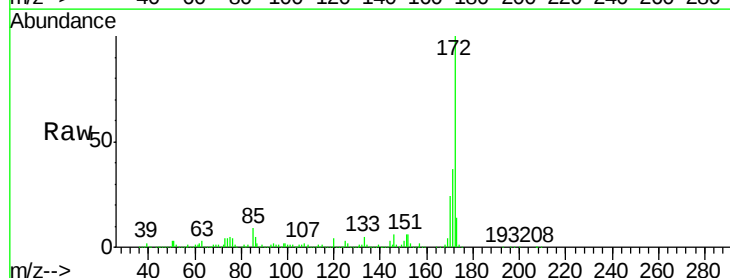


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BNC
Ion 132.00 (131.70 to 132.70): E

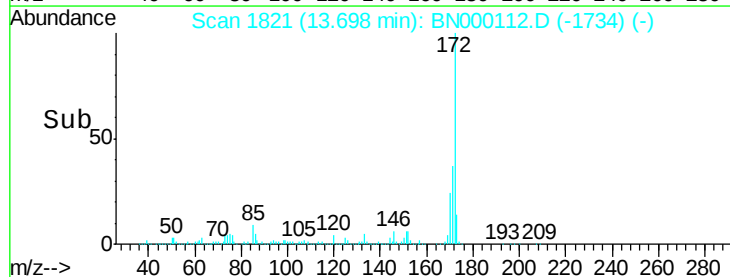
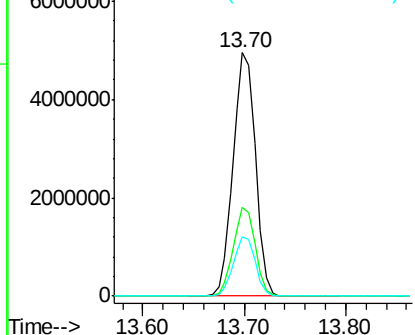


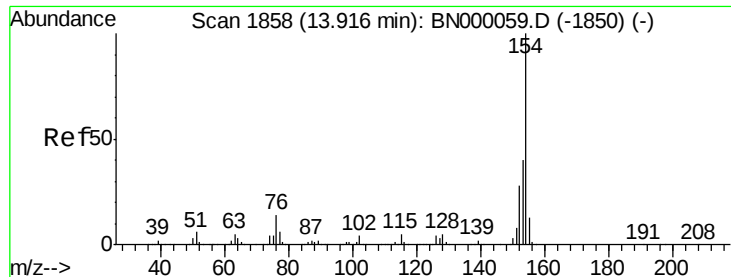
#44
2-Fluorobiphenyl
Concen: 77.70 ng
RT: 13.70 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

Tgt Ion:172 Resp: 7572334
Ion Ratio Lower Upper
172 100
171 36.6 30.0 45.0
170 24.3 19.5 29.3



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

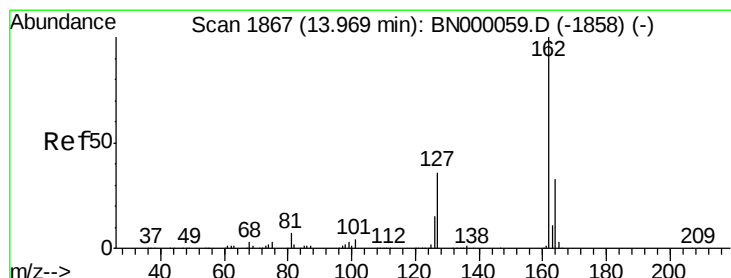
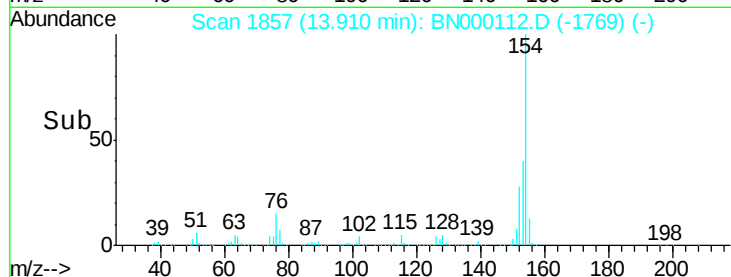
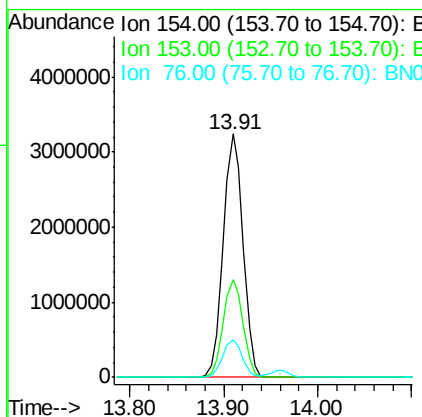
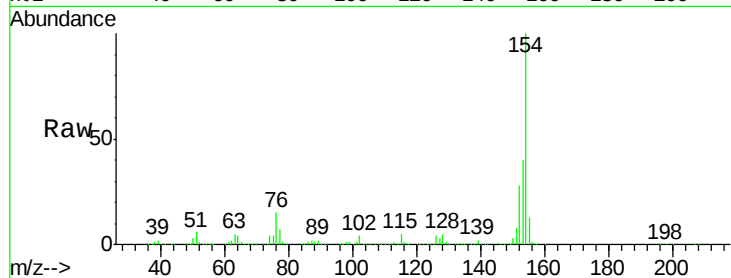




#45
 1,1'-Biphenyl
 Concen: 39.17 ng
 RT: 13.91 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BN000112.D
 Acq: 19 Feb 2018 16:29

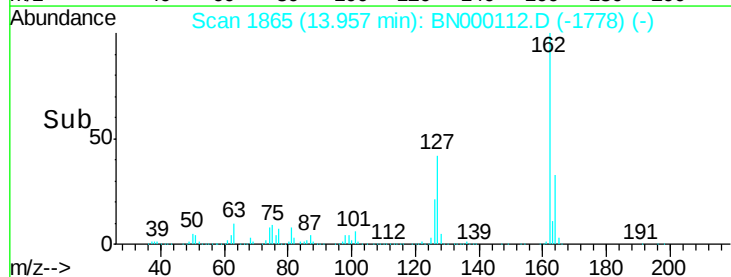
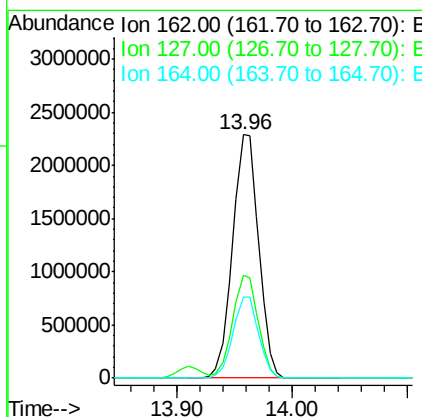
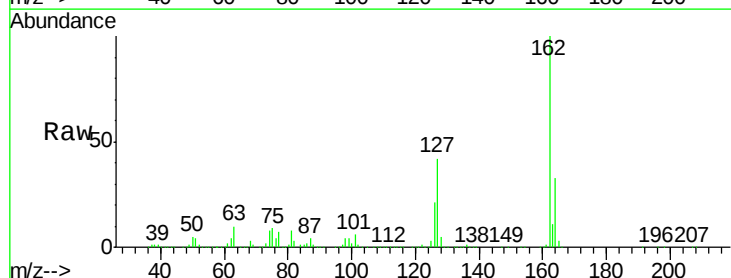
Instrument :
 BNA_N
 ClientSampleId :

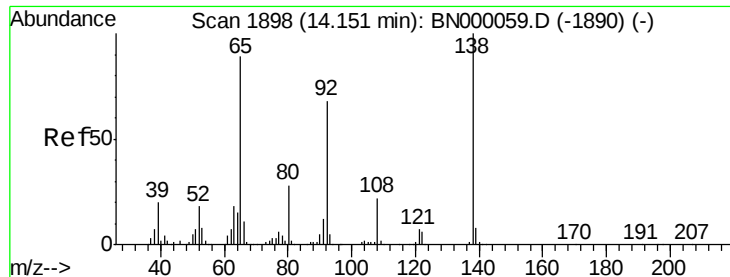
Tot Ion:154 Resp: 4739017
 Ion Ratio Lower Upper
 154 100
 153 40.1 19.8 59.8
 76 15.3 0.0 31.9



#46
 2-Chloronaphthalene
 Concen: 39.29 ng
 RT: 13.96 min Scan# 1865
 Delta R.T. -0.02 min
 Lab File: BN000112.D
 Acq: 19 Feb 2018 16:29

Tgt Ion:162 Resp: 3566305
 Ion Ratio Lower Upper
 162 100
 127 42.3 30.7 46.1
 164 33.3 26.0 39.0

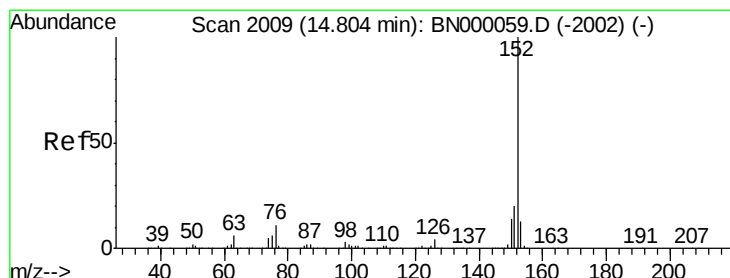
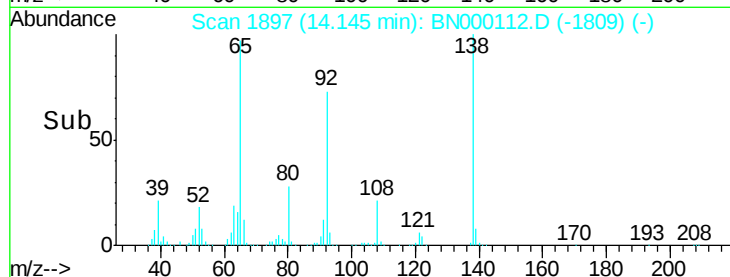
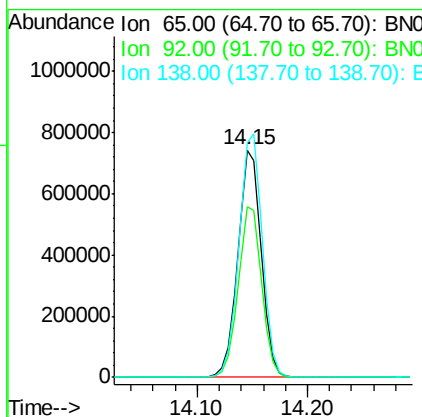
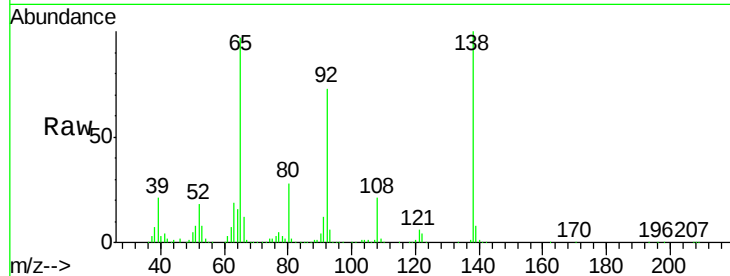




#47
2-Nitroaniline
Concen: 42.19 ng
RT: 14.15 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

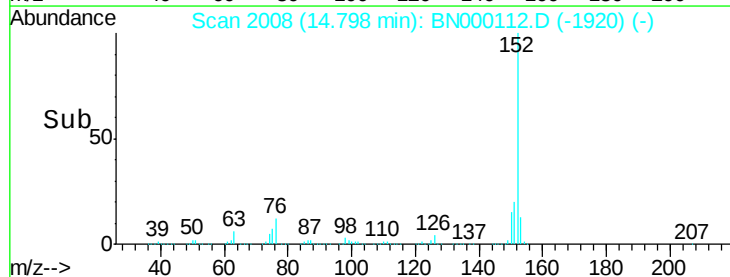
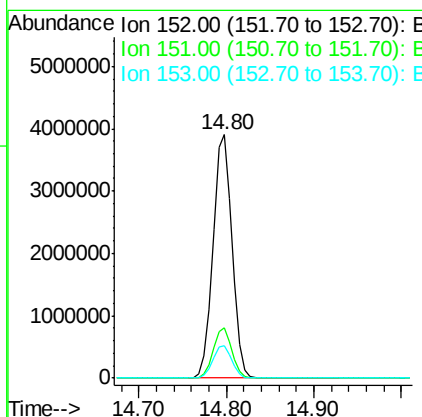
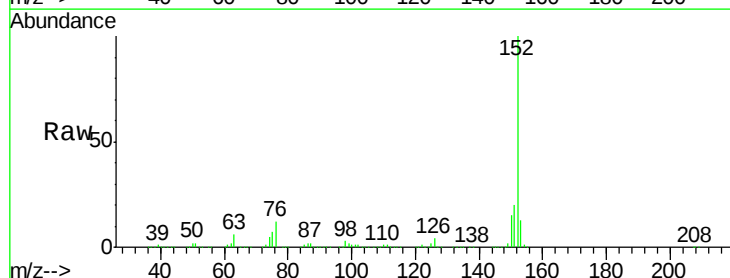
Instrument :
BNA_N
ClientSampleId :

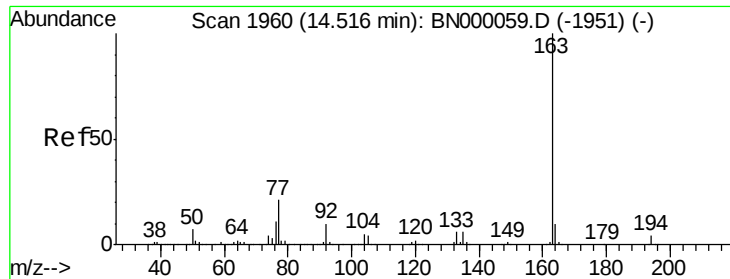
Tot Ion: 65 Resp: 1105649
Ion Ratio Lower Upper
65 100
92 75.0 54.6 82.0
138 103.3 72.9 109.3



#48
Acenaphthylene
Concen: 40.14 ng
RT: 14.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

Tgt Ion: 152 Resp: 5869345
Ion Ratio Lower Upper
152 100
151 20.4 17.2 25.8
153 13.1 10.2 15.4





#49

Dimethylphthalate

Concen: 39.33 ng

RT: 14.51 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

Instrument :

BNA_N

ClientSampleId :

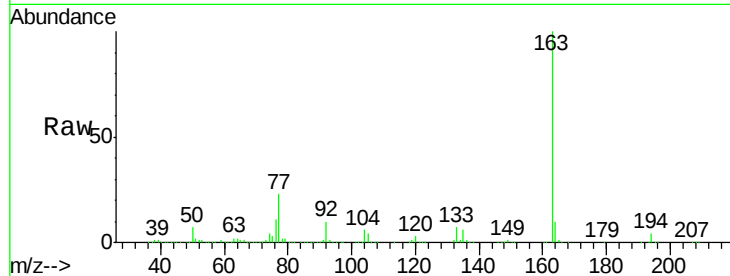
Tot Ion:163 Resp: 4515705

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

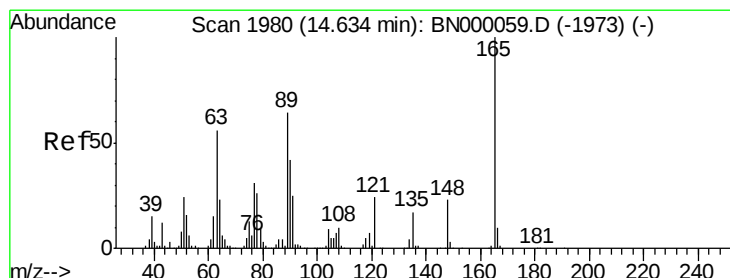
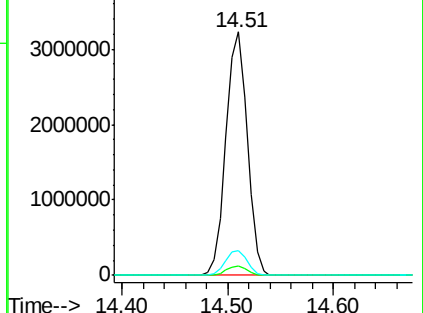
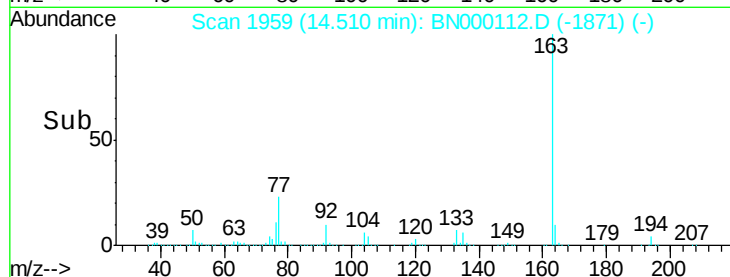
164 10.3 8.2 12.4



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: 40.10 ng

RT: 14.63 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

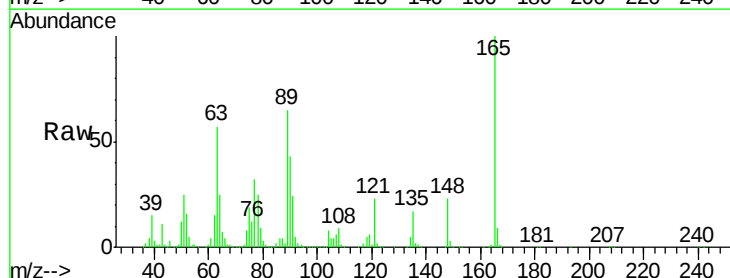
Tgt Ion:165 Resp: 950401

Ion Ratio Lower Upper

165 100

63 56.7 52.7 79.1

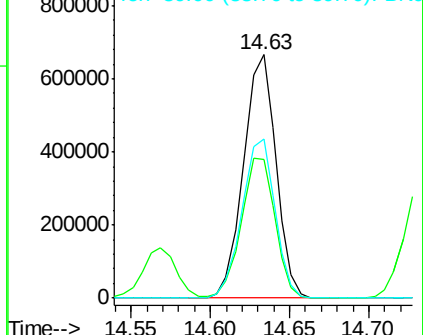
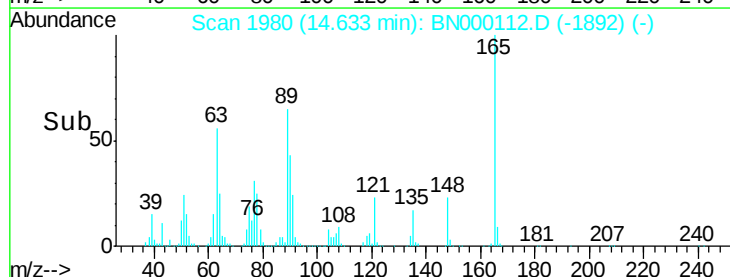
89 65.2 49.2 73.8

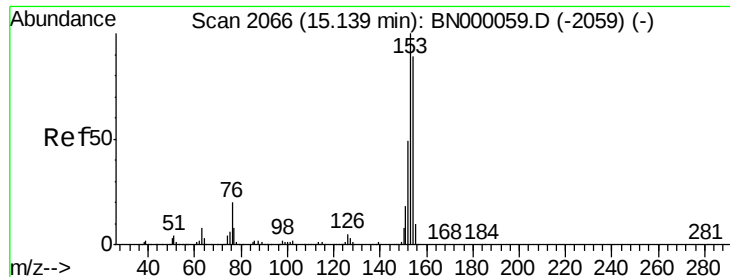


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 39.46 ng

RT: 15.13 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

Instrument :

BNA_N

ClientSampleId :

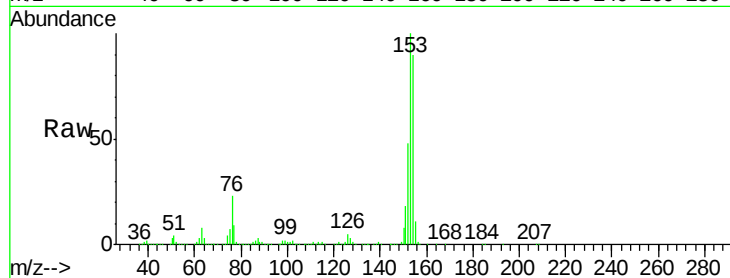
Tot Ion:154 Resp: 3756614

Ion Ratio Lower Upper

154 100

153 110.5 90.4 135.6

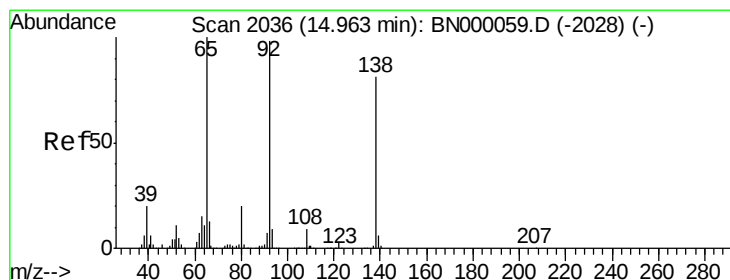
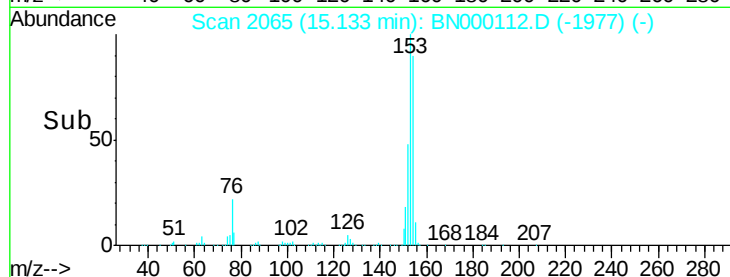
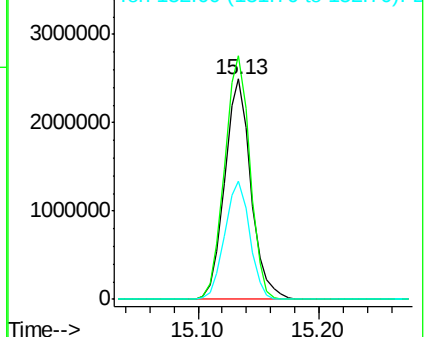
152 53.6 41.6 62.4



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: 40.56 ng

RT: 14.96 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

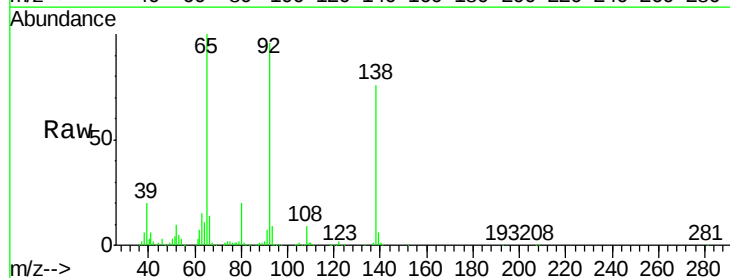
Tgt Ion:138 Resp: 1168613

Ion Ratio Lower Upper

138 100

108 11.5 17.5 26.3#

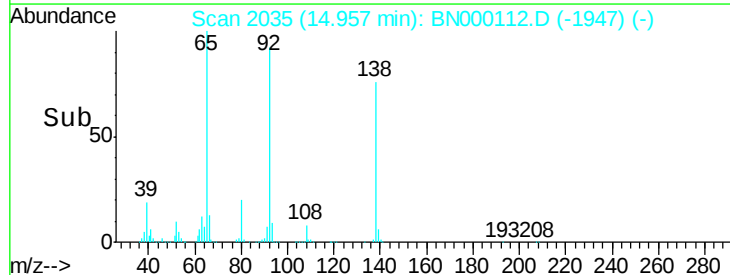
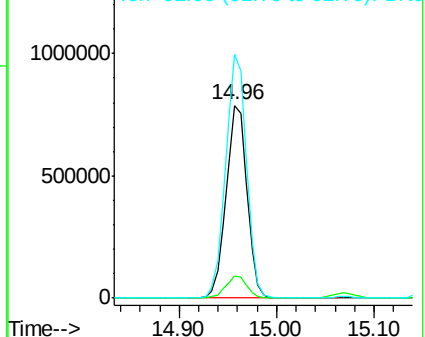
92 126.5 105.8 158.8

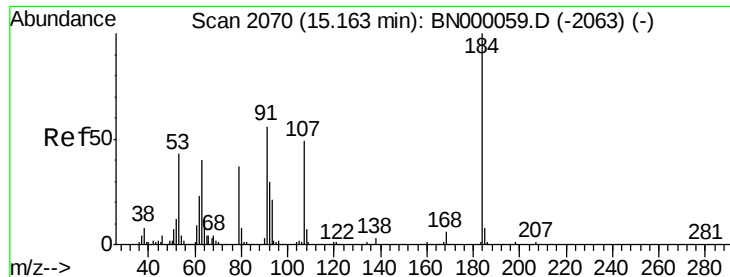


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

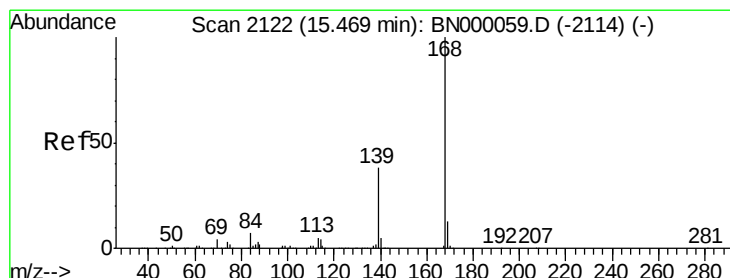
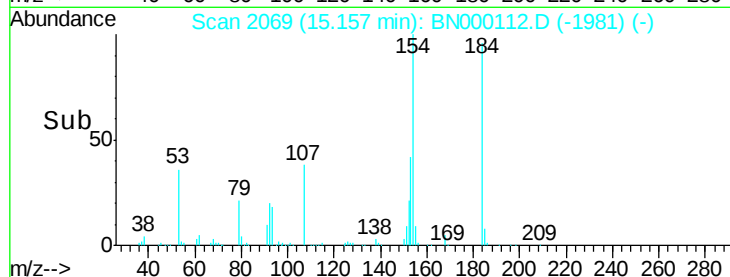
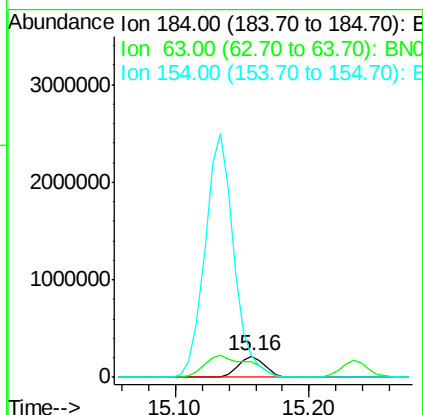
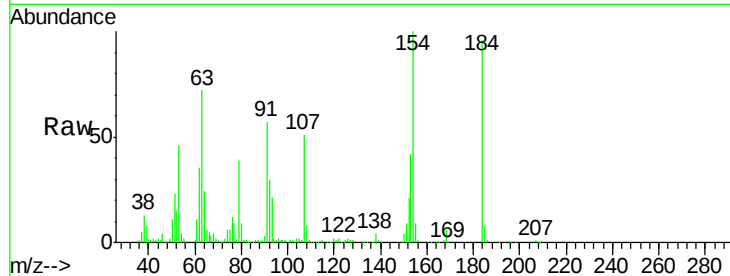




#53
2,4-Dinitrophenol
Concen: 40.90 ng
RT: 15.16 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

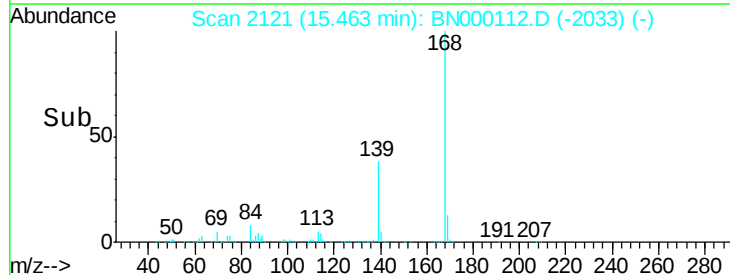
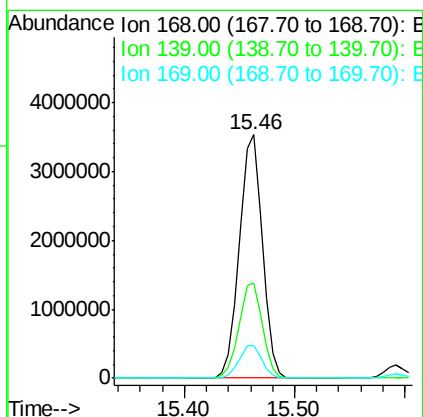
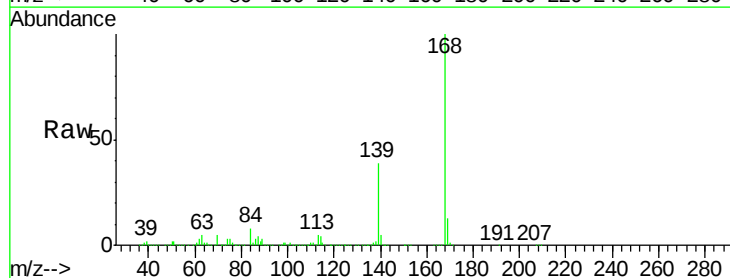
Instrument :
BNA_N
ClientSampleId :

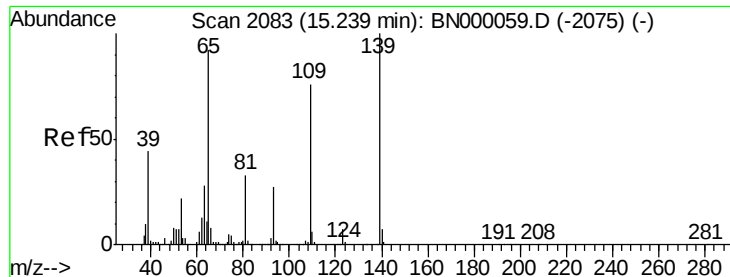
Tot Ion:184 Resp: 300988
Ion Ratio Lower Upper
184 100
63 74.7 80.0 120.0#
154 104.5 308.0 462.0#



#54
Dibenzofuran
Concen: 38.51 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

Tgt Ion:168 Resp: 5191135
Ion Ratio Lower Upper
168 100
139 39.0 28.6 43.0
169 13.3 11.2 16.8





#55

4-Nitrophenol

Concen: 39.25 ng

RT: 15.23 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

Instrument :

BNA_N

ClientSampleId :

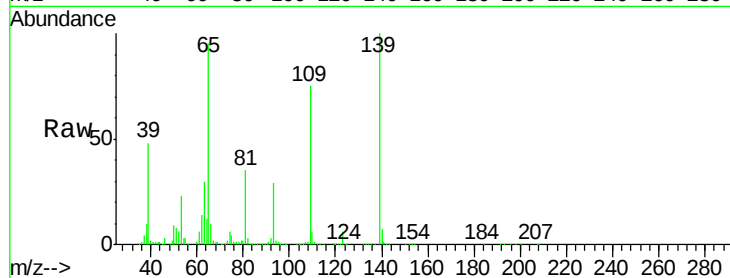
Tot Ion:139 Resp: 863061

Ion Ratio Lower Upper

139 100

109 74.8 62.2 102.2

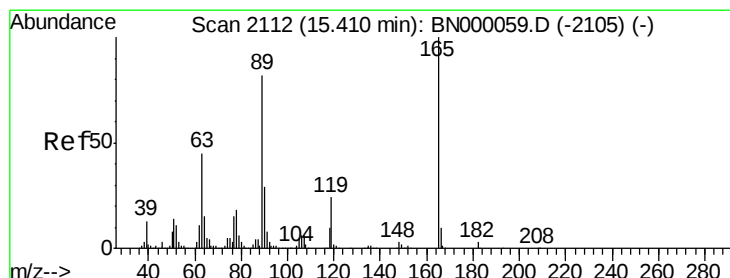
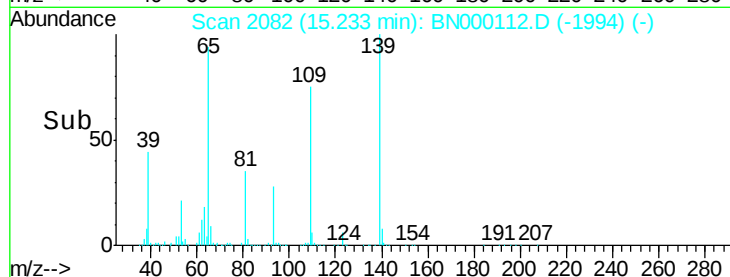
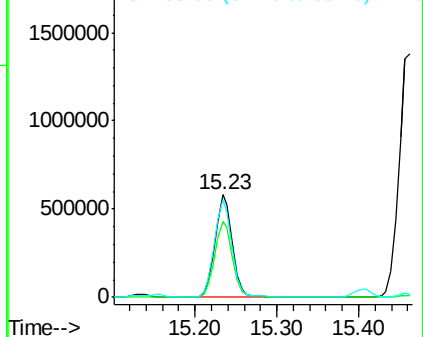
65 95.3 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC



#56

2,4-Dinitrotoluene

Concen: 39.00 ng

RT: 15.40 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

Tgt Ion:165 Resp: 1294100

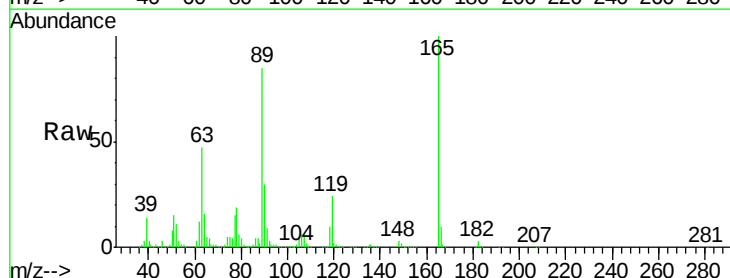
Ion Ratio Lower Upper

165 100

63 47.0 42.0 63.0

89 84.8 66.9 100.3

182 2.8 2.6 3.8

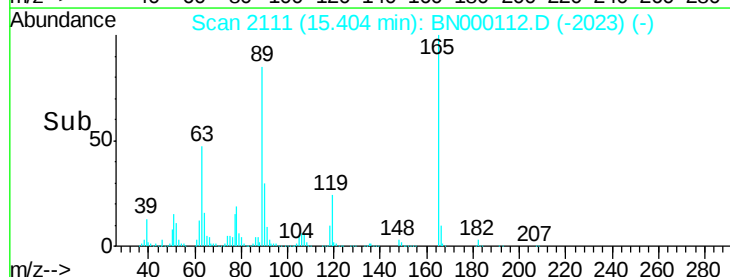
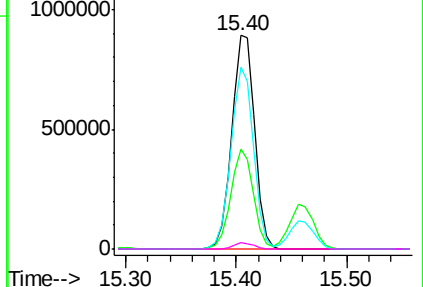


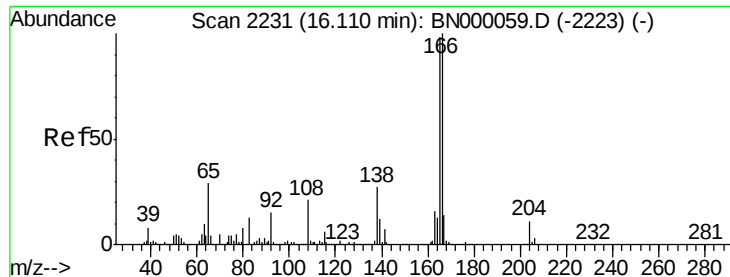
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E

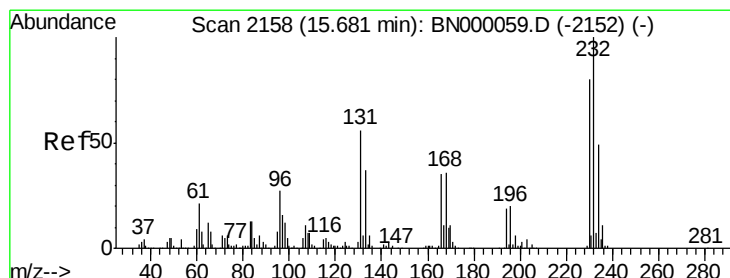
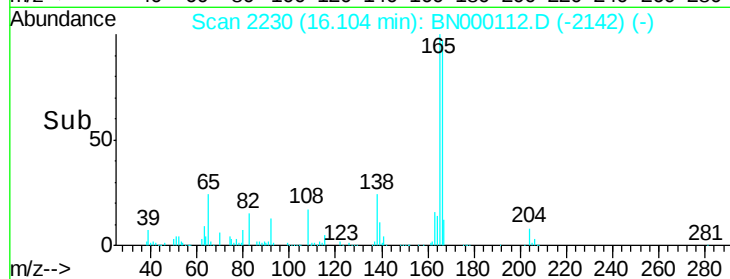
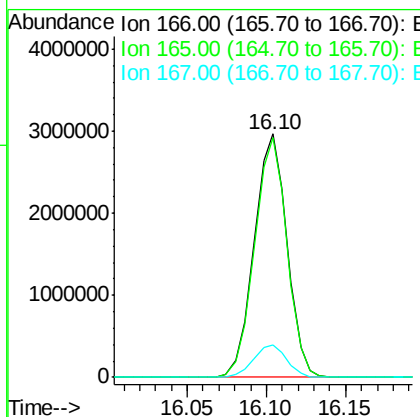
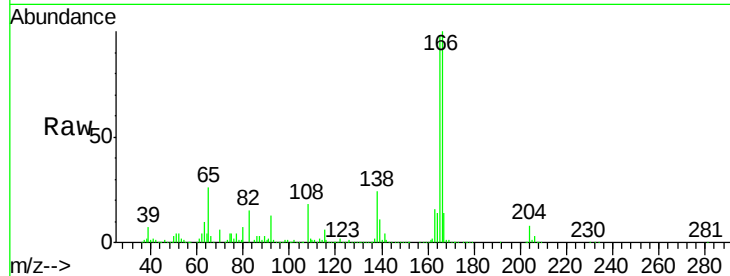




#57
 Fluorene
 Concen: 38.69 ng
 RT: 16.10 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BN000112.D
 Acq: 19 Feb 2018 16:29

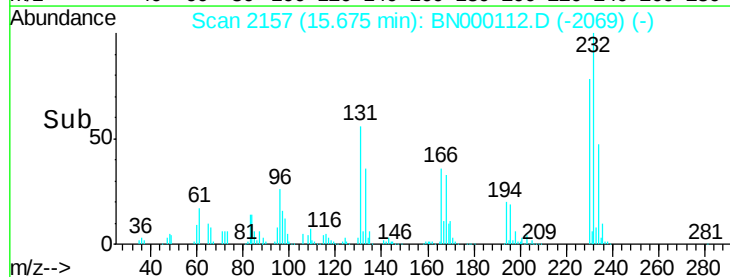
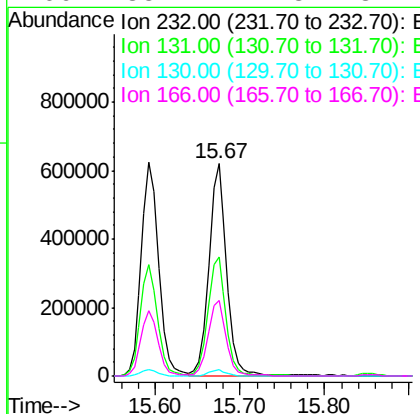
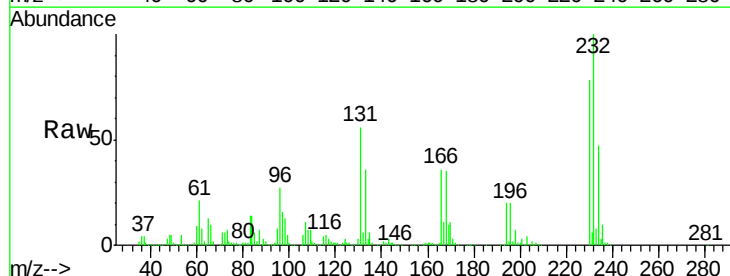
Instrument :
 BNA_N
 ClientSampleId :

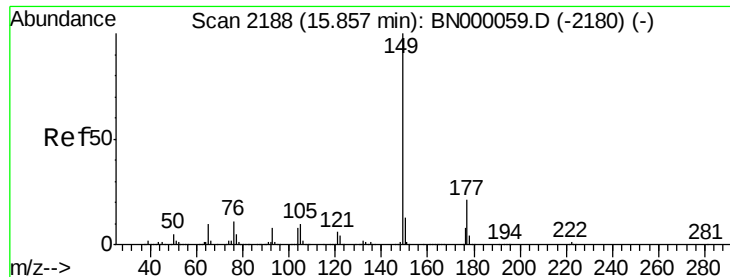
Tot Ion:166 Resp: 4258516
 Ion Ratio Lower Upper
 166 100
 165 98.3 80.6 121.0
 167 13.5 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.76 ng
 RT: 15.67 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BN000112.D
 Acq: 19 Feb 2018 16:29

Tgt Ion:232 Resp: 916522
 Ion Ratio Lower Upper
 232 100
 131 57.7 33.5 50.3#
 130 2.9 2.2 3.2
 166 35.4 24.8 37.2

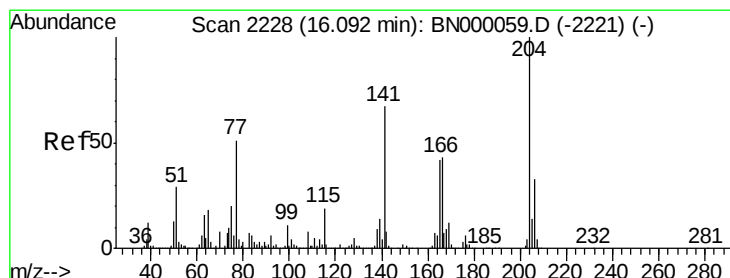
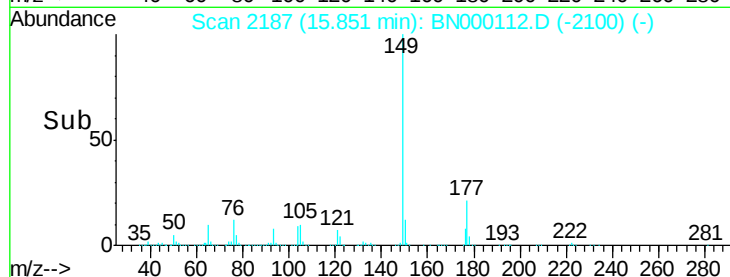
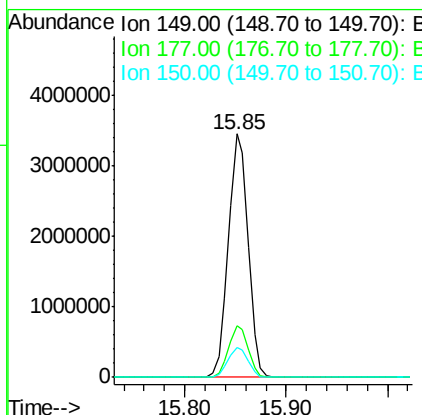
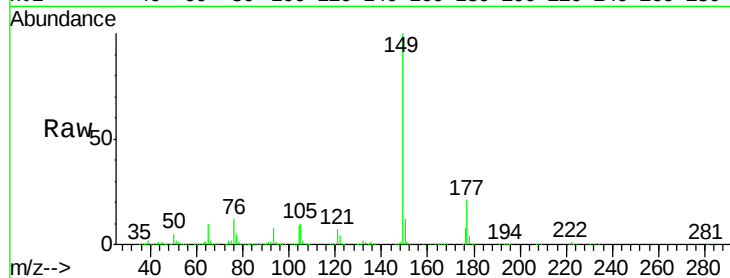




#59
Diethylphthalate
Concen: 39.99 ng
RT: 15.85 min Scan# 2187
Delta R.T. -0.02 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

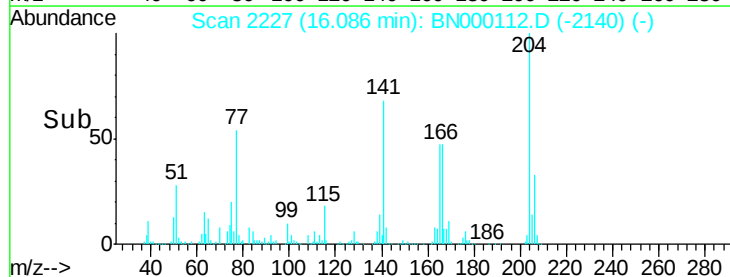
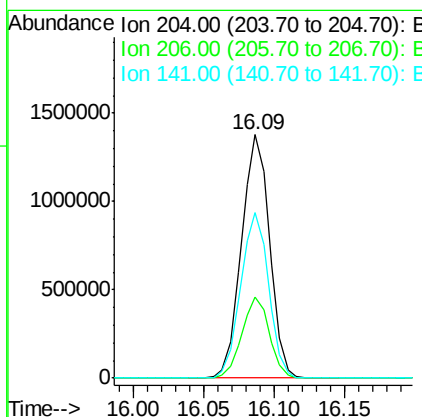
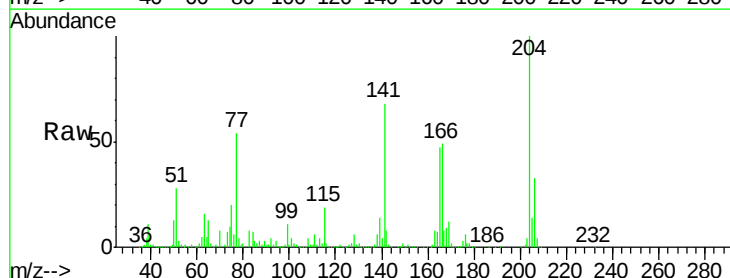
Instrument :
BNA_N
ClientSampled :

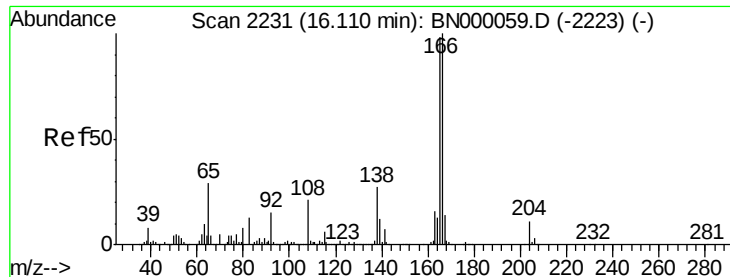
Tot Ion:149 Resp: 4665981
Ion Ratio Lower Upper
149 100
177 21.2 18.5 27.7
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.12 ng
RT: 16.09 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

Tgt Ion:204 Resp: 1912239
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 68.2 45.8 68.6

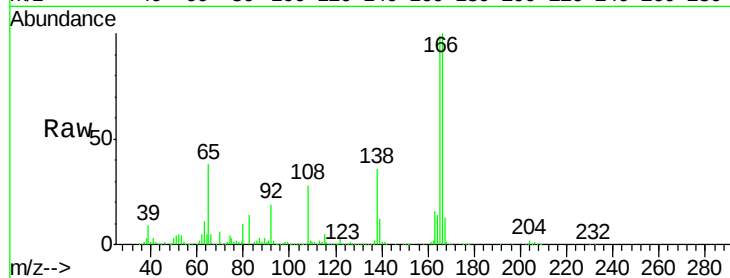




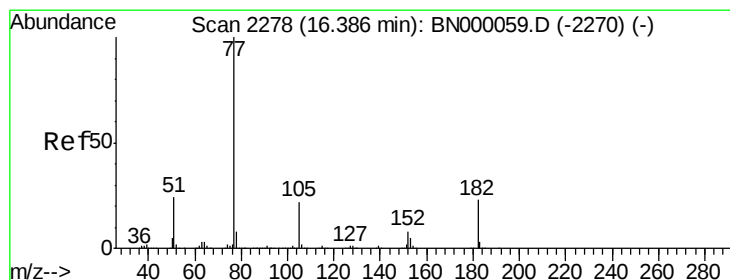
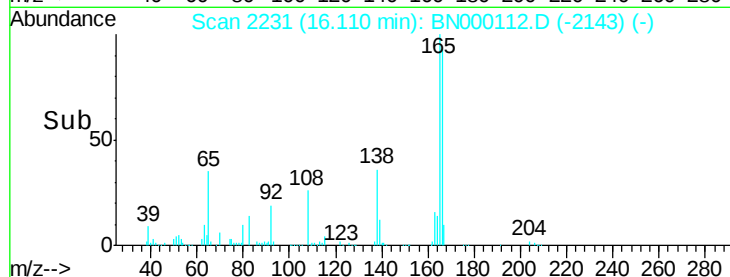
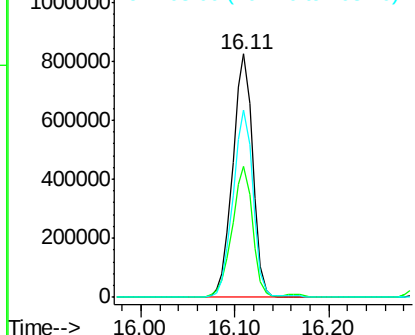
#61
4-Nitroaniline
Concen: 41.32 ng
RT: 16.11 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion:138 Resp: 1223219
Ion Ratio Lower Upper
138 100
92 53.6 40.1 80.1
108 77.0 65.4 105.4

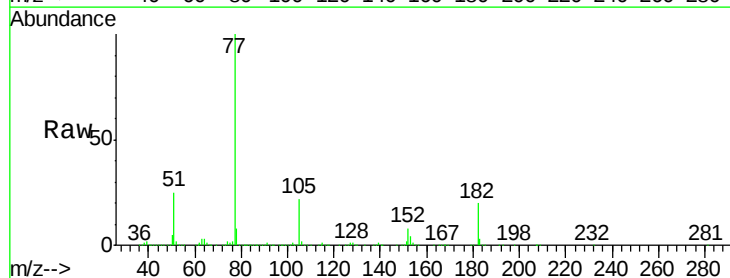


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BNO
Ion 108.00 (107.70 to 108.70): E

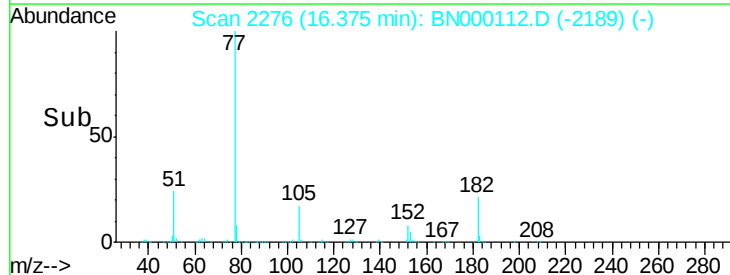
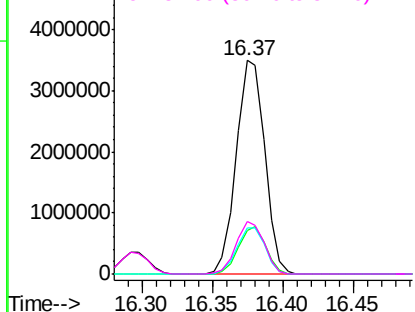


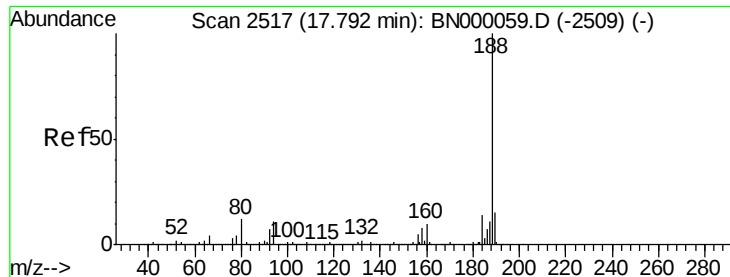
#62
Azobenzene
Concen: 42.29 ng
RT: 16.37 min Scan# 2276
Delta R.T. -0.02 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

Tgt Ion: 77 Resp: 4912325
Ion Ratio Lower Upper
77 100
182 20.4 7.4 47.4
105 21.6 0.3 40.3
51 24.5 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BNO
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BNO





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.79 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

Instrument :

BNA_N

ClientSampled :

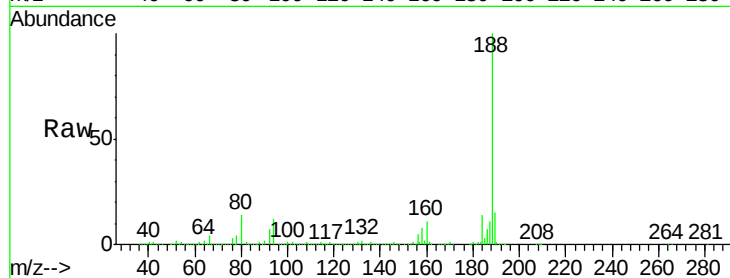
Tot Ion:188 Resp: 2866638

Ion Ratio Lower Upper

188 100

94 12.4 6.9 10.3#

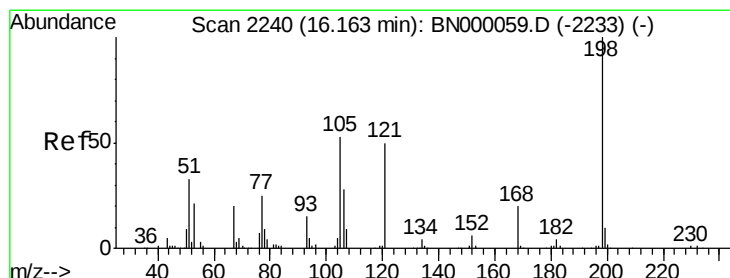
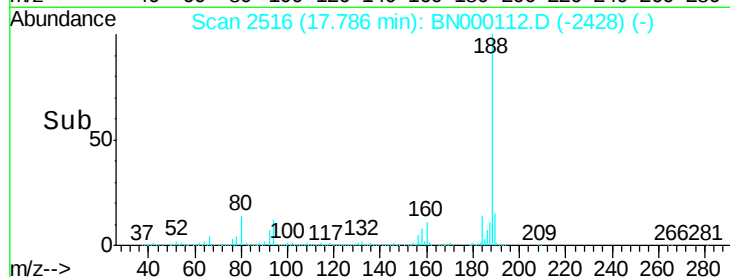
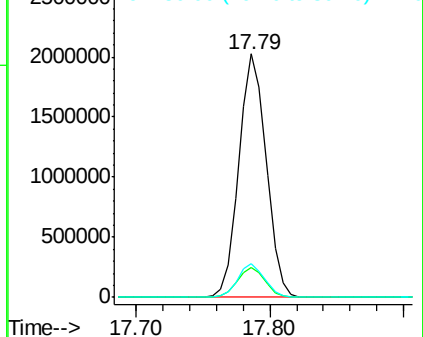
80 13.6 7.7 11.5#



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: 40.71 ng

RT: 16.16 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

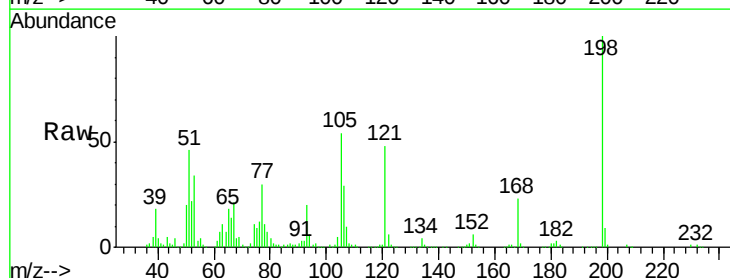
Tgt Ion:198 Resp: 530565

Ion Ratio Lower Upper

198 100

51 46.5 30.6 70.6

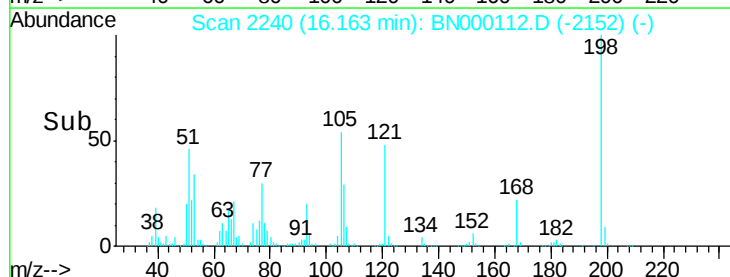
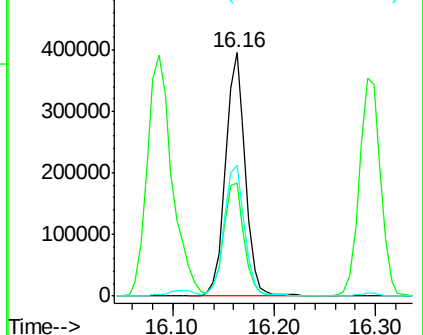
105 54.0 23.8 63.8

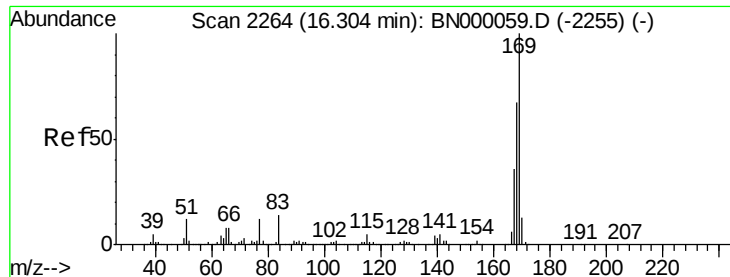


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

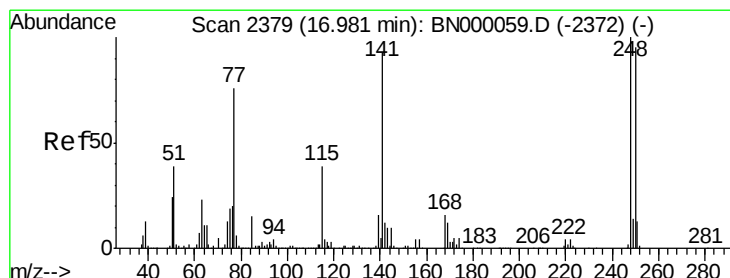
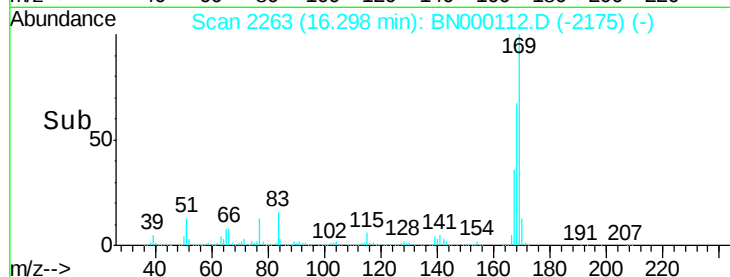
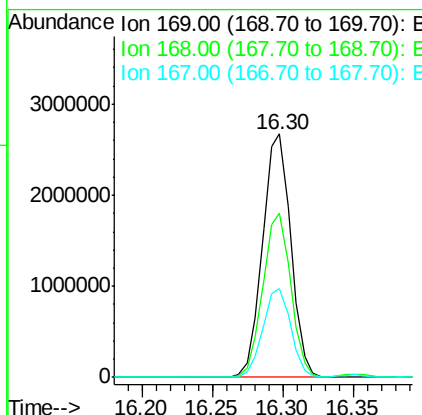
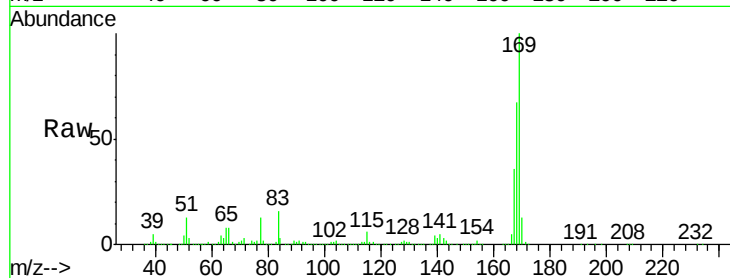




#65
n-Nitrosodiphenylamine
Concen: 40.36 ng
RT: 16.30 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

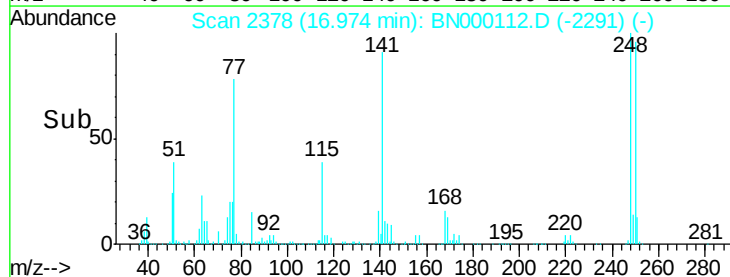
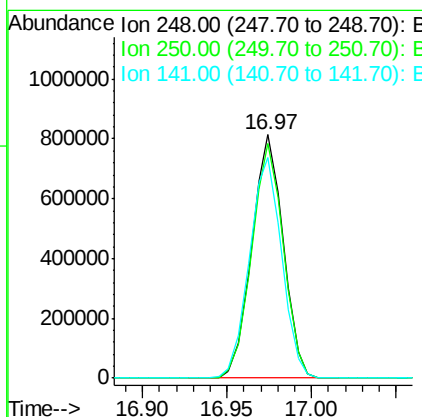
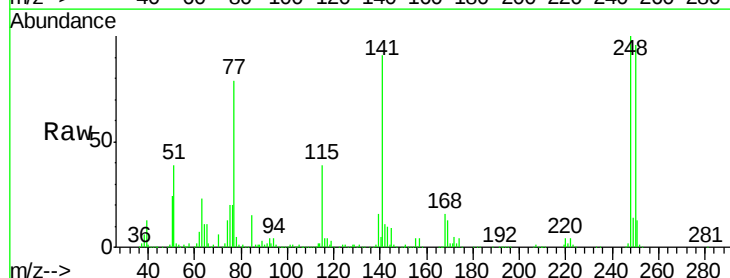
Instrument :
BNA_N
ClientSampleId :

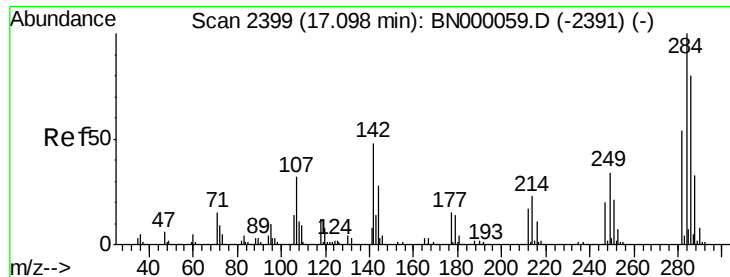
Tot Ion:169 Resp: 3765039
Ion Ratio Lower Upper
169 100
168 67.3 55.7 83.5
167 36.4 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 38.76 ng
RT: 16.97 min Scan# 2378
Delta R.T. -0.02 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

Tgt Ion:248 Resp: 1056540
Ion Ratio Lower Upper
248 100
250 96.2 77.1 115.7
141 90.7 50.8 76.2#

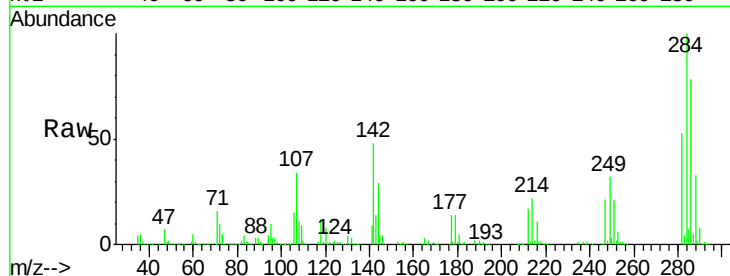




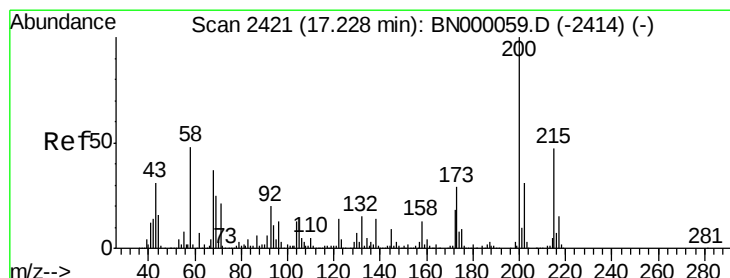
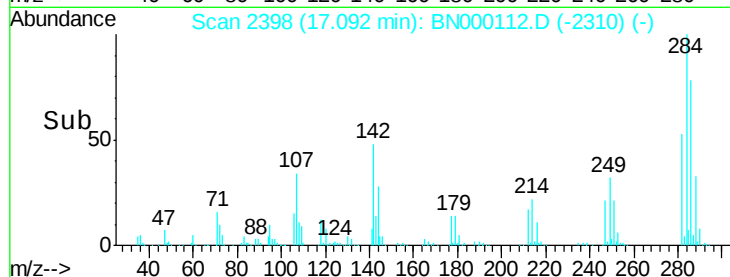
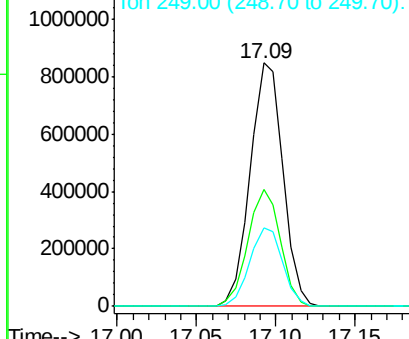
#67
Hexachlorobenzene
Concen: 38.28 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 1218587
Ion Ratio Lower Upper
284 100
142 48.0 26.8 40.2#
249 32.5 26.3 39.5

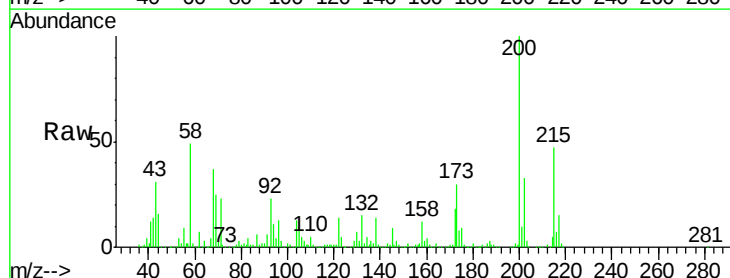


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

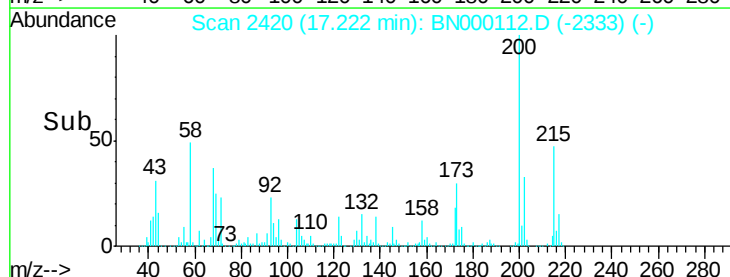
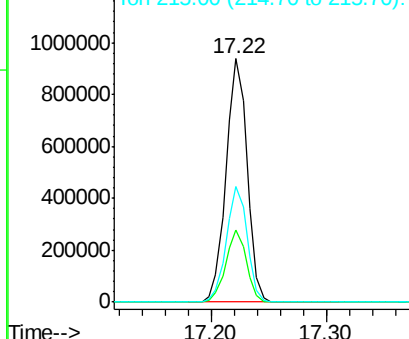


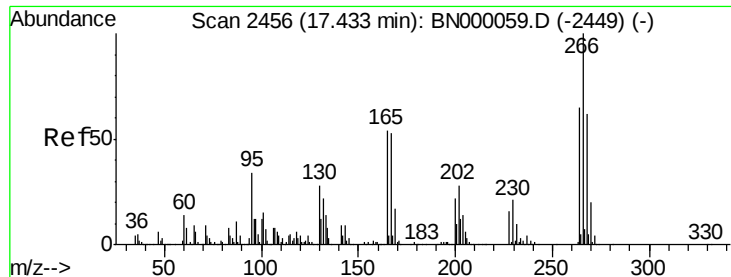
#68
Atrazine
Concen: 39.06 ng
RT: 17.22 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

Tgt Ion:200 Resp: 1185667
Ion Ratio Lower Upper
200 100
173 29.5 5.2 45.2
215 47.3 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: 38.61 ng

RT: 17.43 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

Instrument :

BNA_N

ClientSampleId :

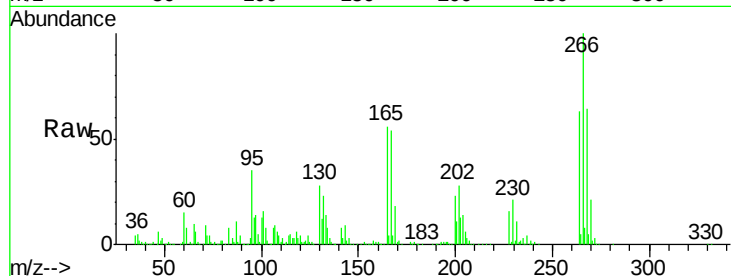
Tot Ion:266 Resp: 774931

Ion Ratio Lower Upper

266 100

268 63.9 51.1 76.7

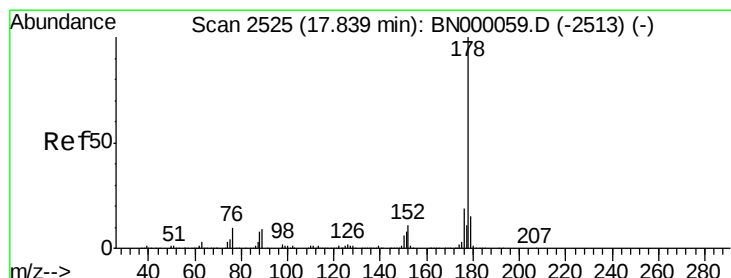
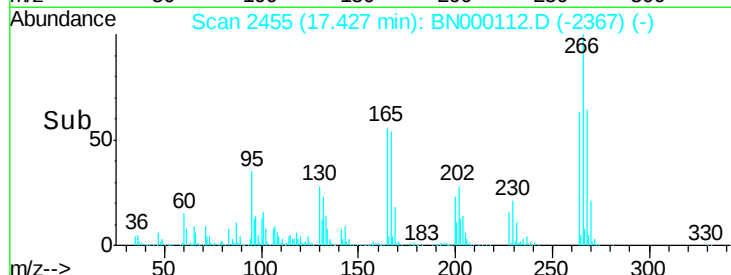
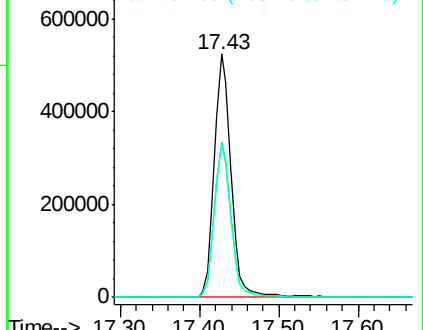
264 62.9 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 38.81 ng

RT: 17.83 min Scan# 2523

Delta R.T. -0.02 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

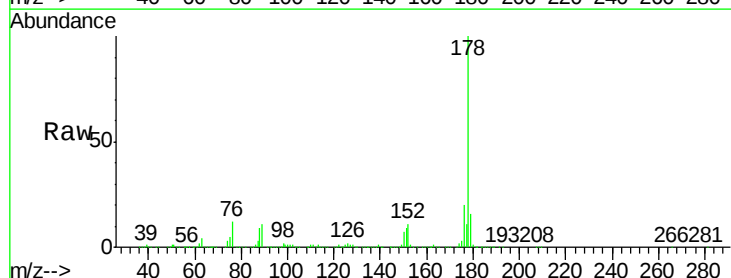
Tgt Ion:178 Resp: 6570983

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

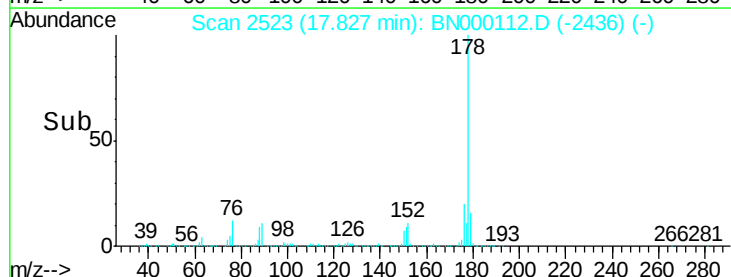
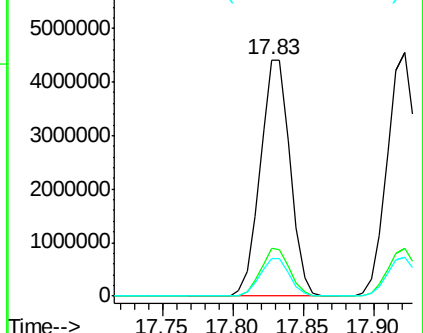
179 15.8 12.5 18.7

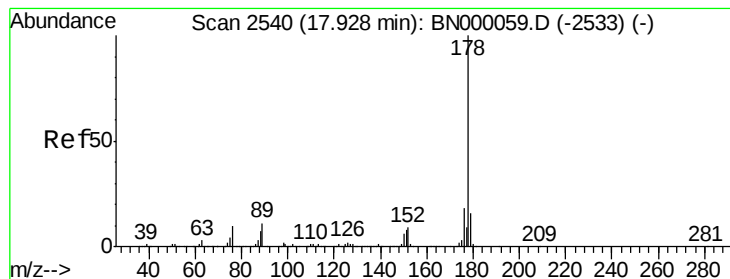


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 40.22 ng

RT: 17.92 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

Instrument :

BNA_N

ClientSampleId :

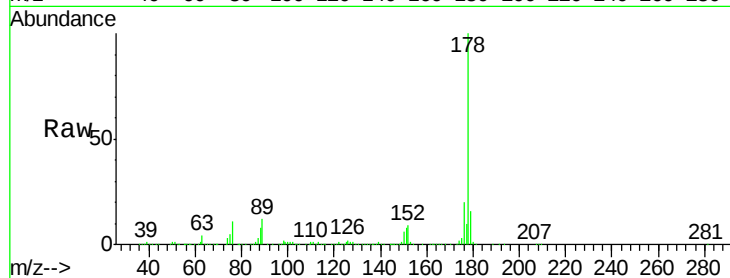
Tot Ion:178 Resp: 6594408

Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

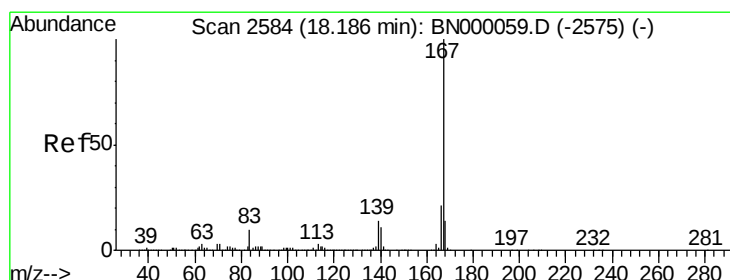
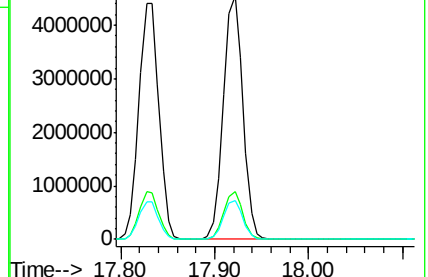
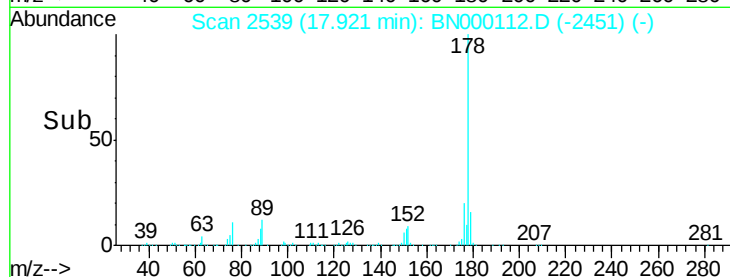
179 16.0 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.96 ng

RT: 18.18 min Scan# 2583

Delta R.T. -0.01 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

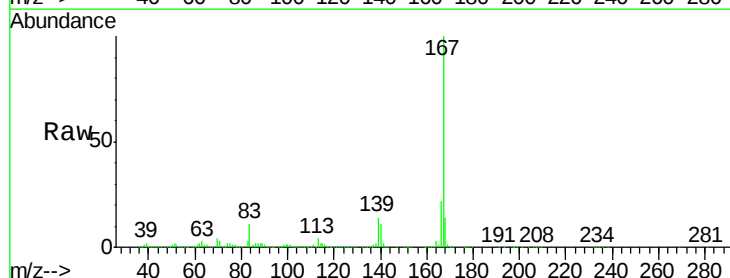
Tgt Ion:167 Resp: 6600635

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.4

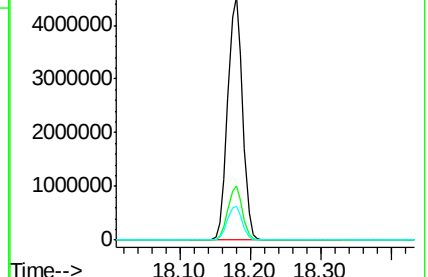
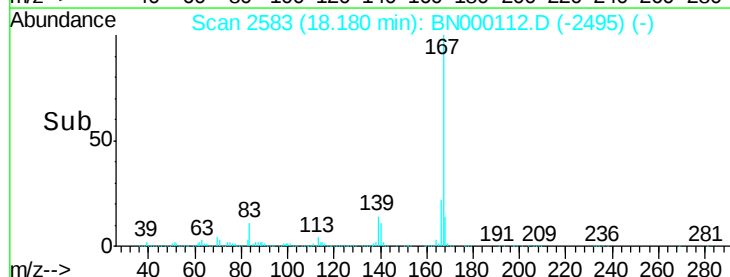
139 14.0 9.4 14.2

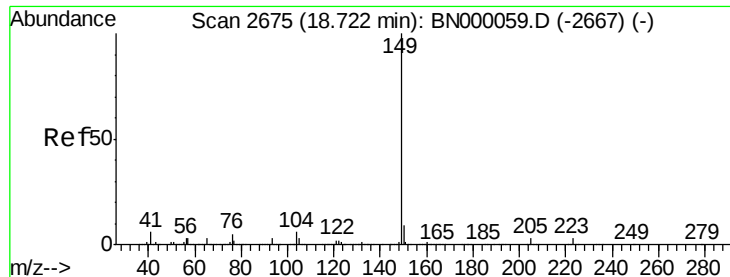


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.98 ng

RT: 18.71 min Scan# 2673

Delta R.T. -0.02 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

Instrument :

BNA_N

ClientSampleId :

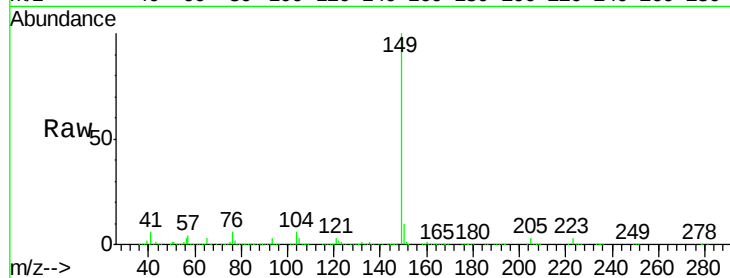
Tot Ion:149 Resp: 7655462

Ion Ratio Lower Upper

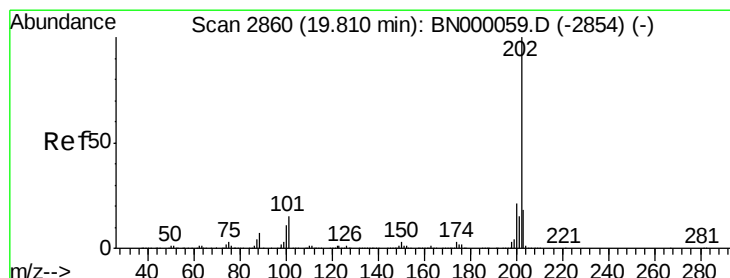
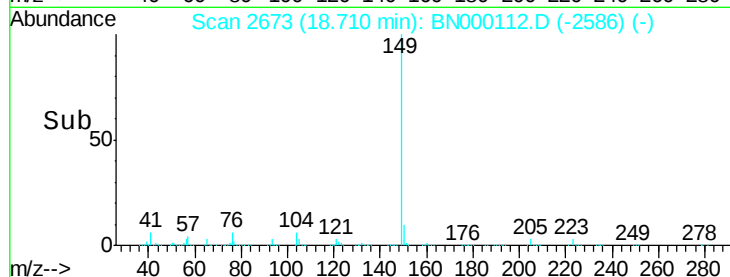
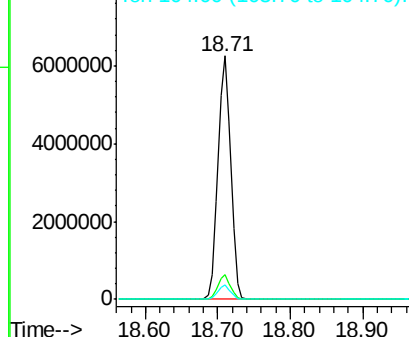
149 100

150 10.0 7.8 11.6

104 6.0 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: 39.75 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

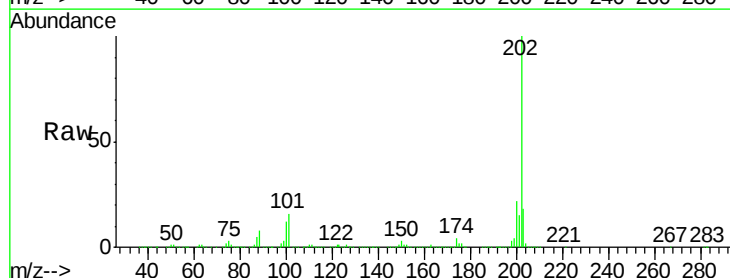
Tgt Ion:202 Resp: 7061516

Ion Ratio Lower Upper

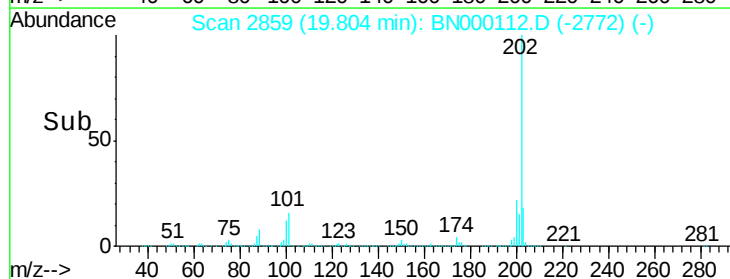
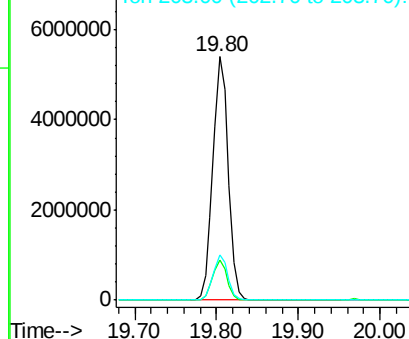
202 100

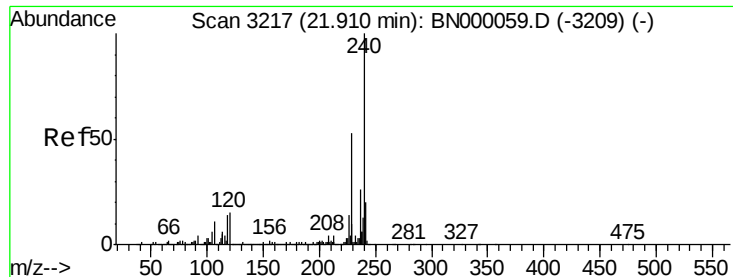
101 16.4 0.0 28.9

203 18.4 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: BN000112.D

Acq: 19 Feb 2018 16:29

Instrument :

BNA_N

ClientSampleId :

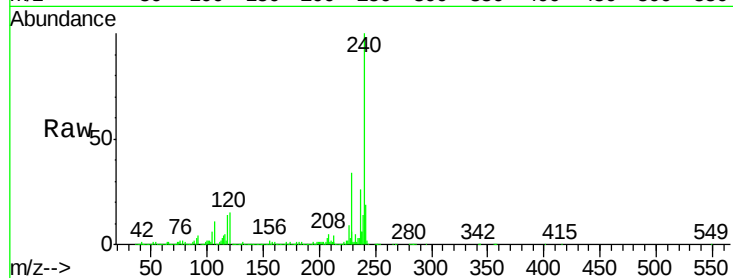
Tot Ion:240 Resp: 2961721

Ion Ratio Lower Upper

240 100

120 15.3 6.8 10.2#

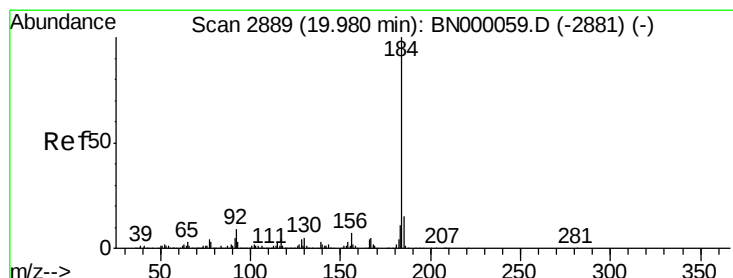
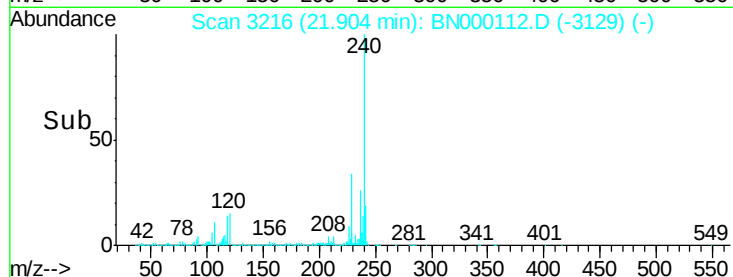
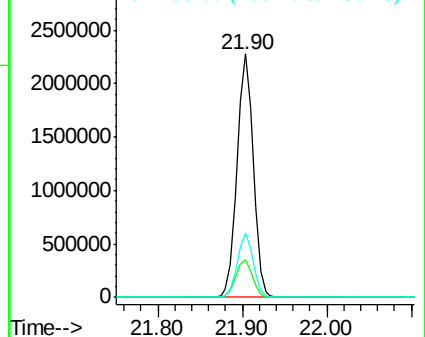
236 26.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.89 ng

RT: 19.97 min Scan# 2887

Delta R.T. -0.02 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

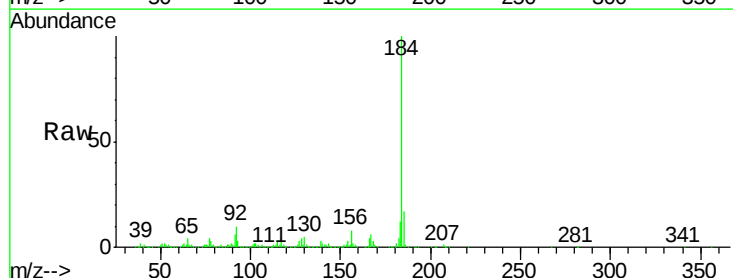
Tgt Ion:184 Resp: 3293610

Ion Ratio Lower Upper

184 100

185 16.7 11.1 16.7#

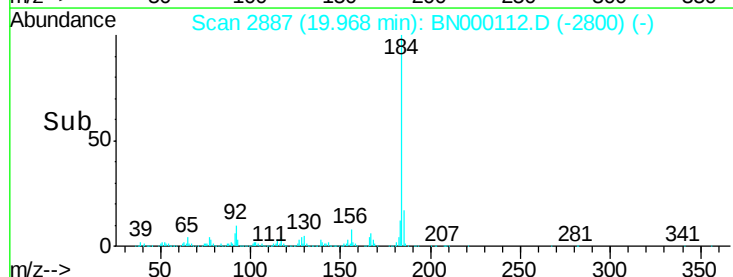
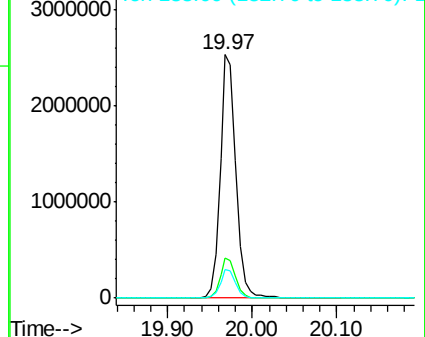
183 11.7 10.6 16.0

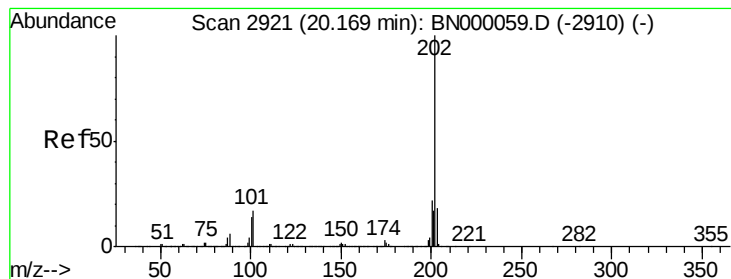


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.87 ng

RT: 20.16 min Scan# 2920

Delta R.T. -0.02 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

Instrument :

BNA_N

ClientSampleId :

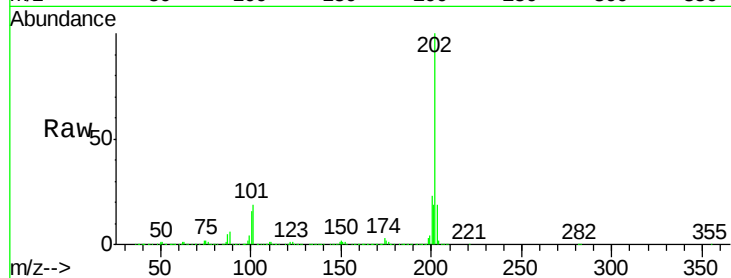
Tot Ion:202 Resp: 7504945

Ion Ratio Lower Upper

202 100

200 22.5 16.9 25.3

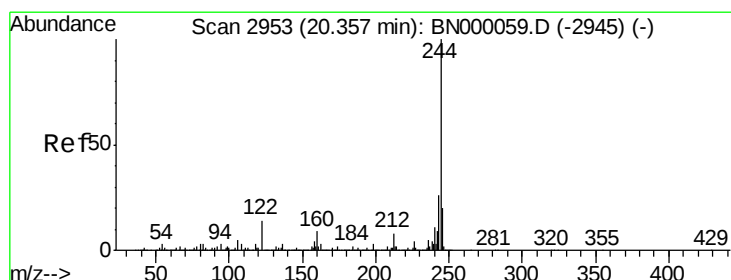
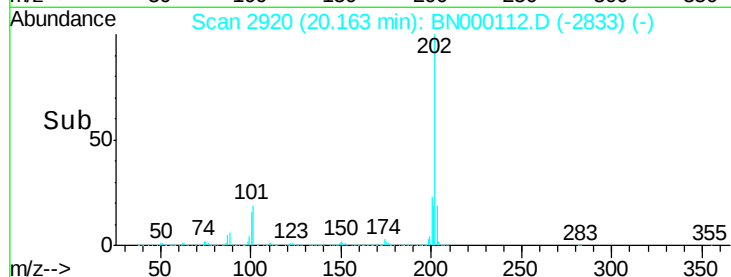
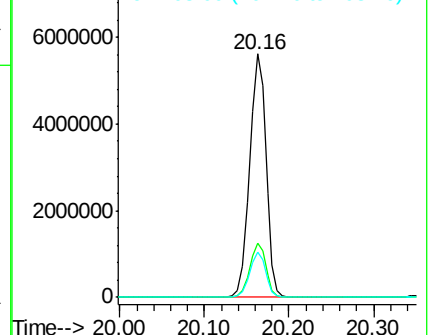
203 18.6 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.83 ng

RT: 20.34 min Scan# 2951

Delta R.T. -0.02 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

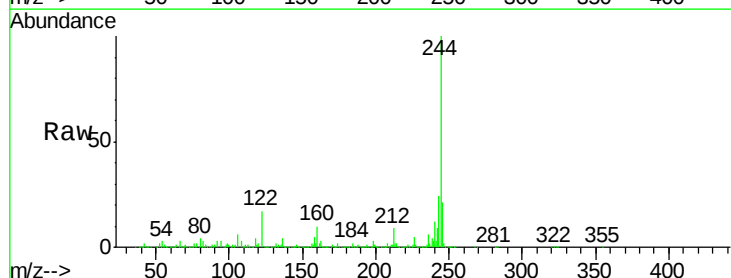
Tgt Ion:244 Resp: 8646755

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

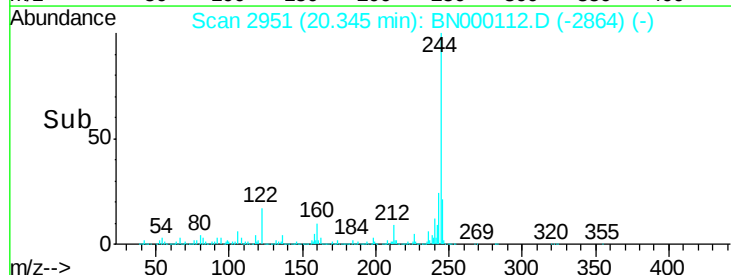
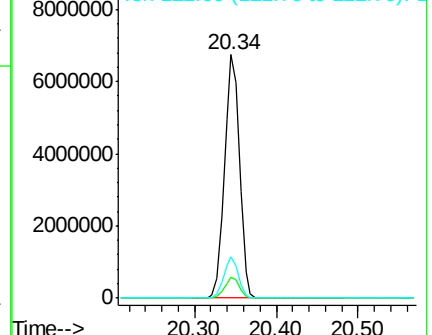
122 16.8 7.0 10.4#

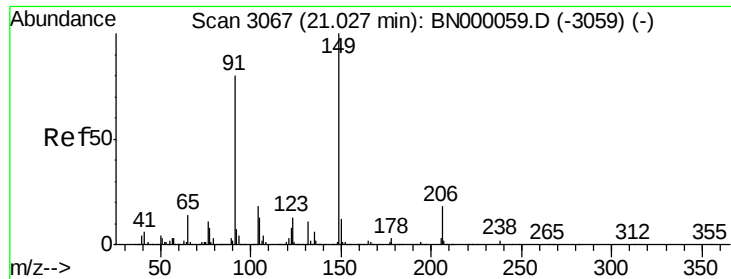


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

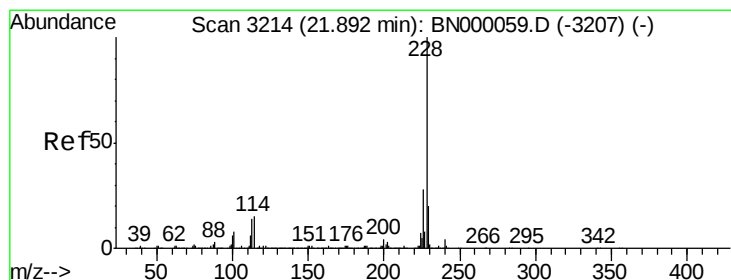
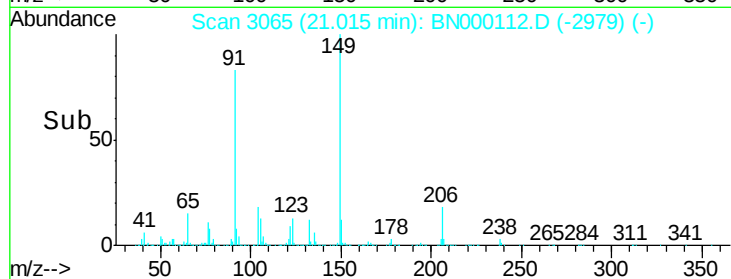
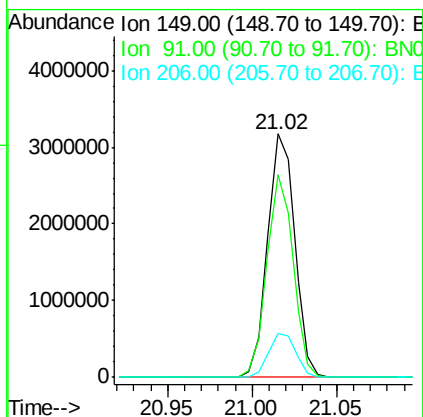
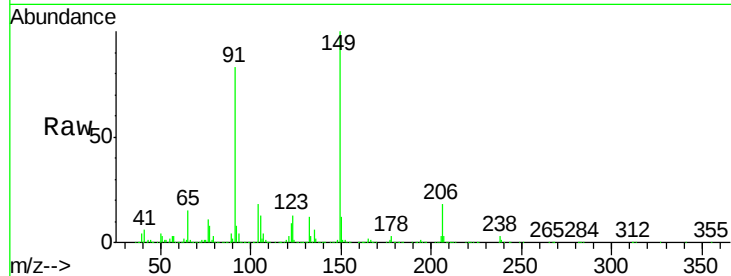




#79
Butylbenzylphthalate
Concen: 40.60 ng
RT: 21.02 min Scan# 3065
Delta R.T. -0.02 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

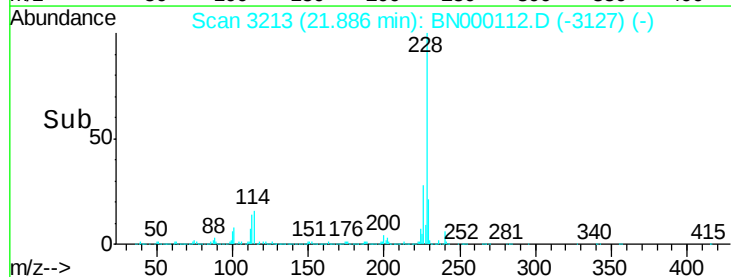
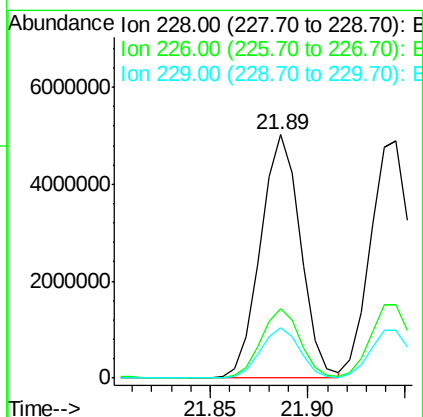
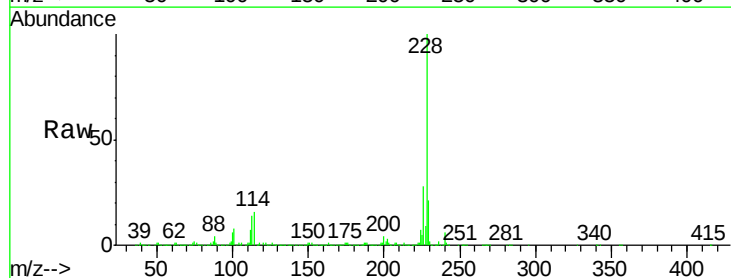
Instrument :
BNA_N
ClientSampleId :

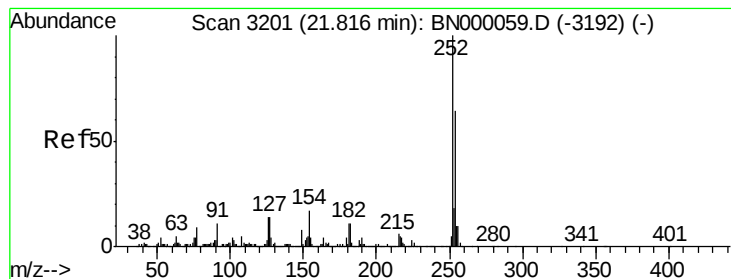
Tot Ion:149 Resp: 3542533
Ion Ratio Lower Upper
149 100
91 83.1 62.2 93.2
206 18.0 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 39.15 ng
RT: 21.89 min Scan# 3213
Delta R.T. -0.02 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

Tgt Ion:228 Resp: 7127613
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 20.8 16.2 24.2





#81

3,3'-Dichlorobenzidine

Concen: 38.95 ng

RT: 21.80 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

Instrument :

BNA_N

ClientSampleId :

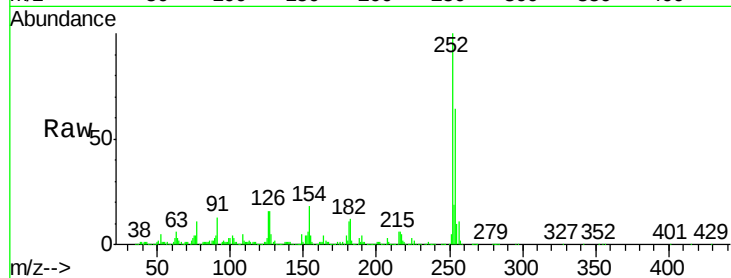
Tot Ion:252 Resp: 2604036

Ion Ratio Lower Upper

252 100

254 63.8 50.8 76.2

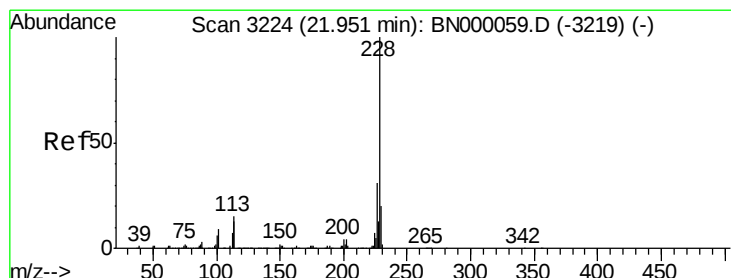
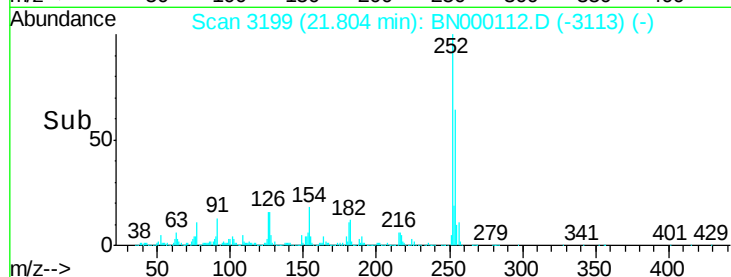
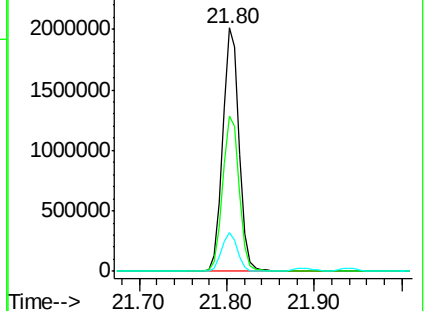
126 15.9 7.4 11.2#



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: 38.15 ng

RT: 21.94 min Scan# 3223

Delta R.T. -0.02 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

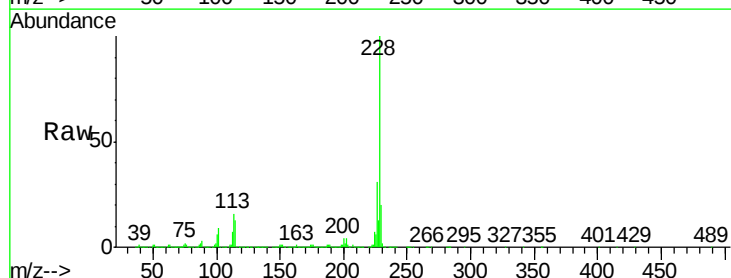
Tgt Ion:228 Resp: 6920141

Ion Ratio Lower Upper

228 100

226 31.2 24.9 37.3

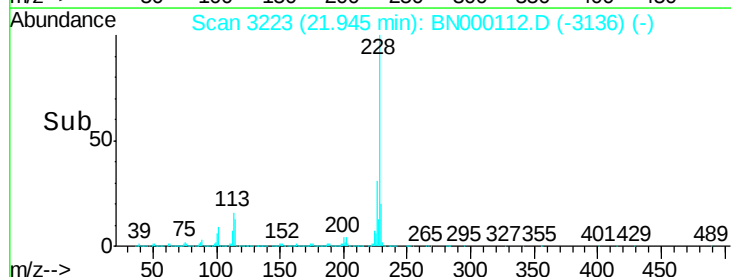
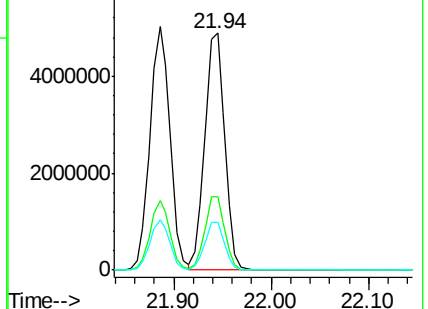
229 20.4 15.0 22.4

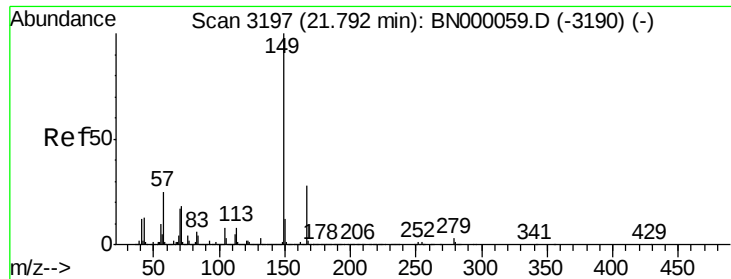


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

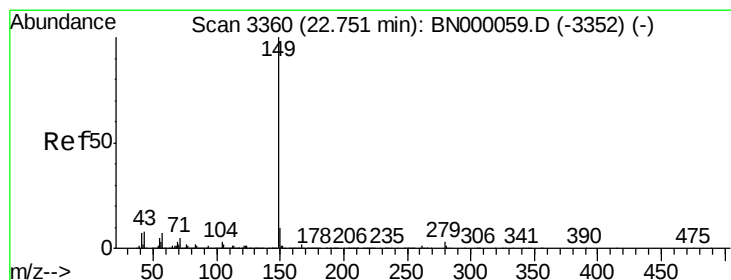
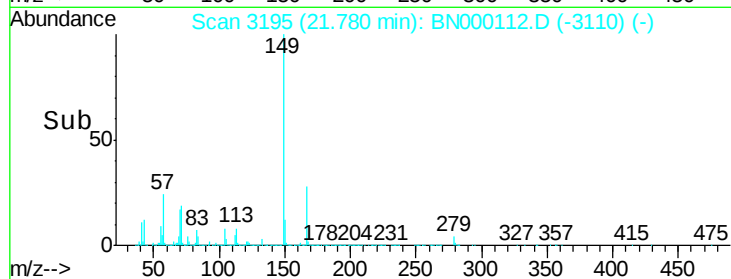
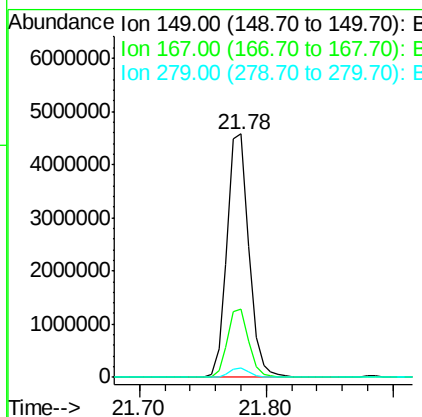
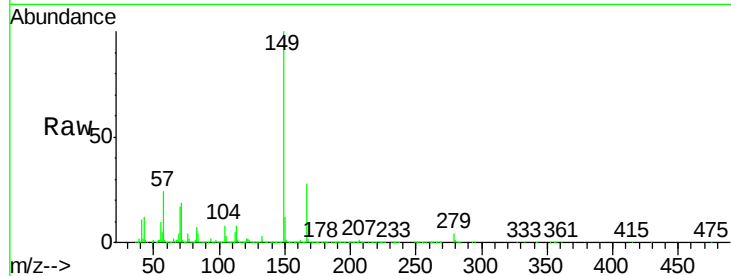




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.53 ng
 RT: 21.78 min Scan# 3195
 Delta R.T. -0.03 min
 Lab File: BN000112.D
 Acq: 19 Feb 2018 16:29

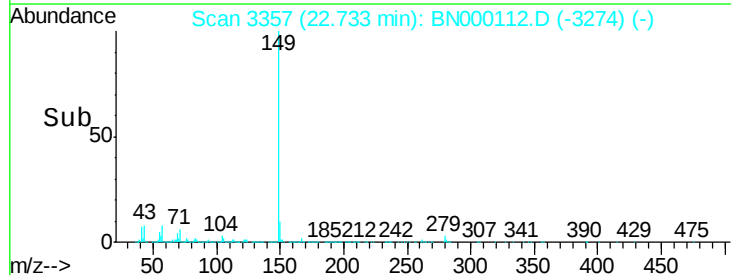
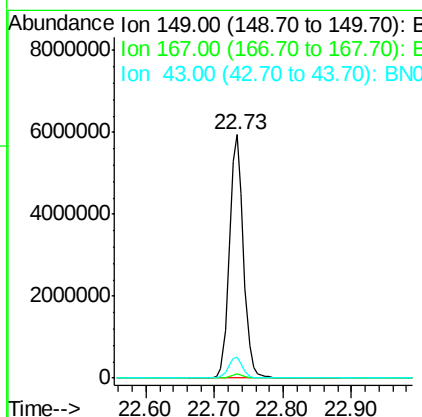
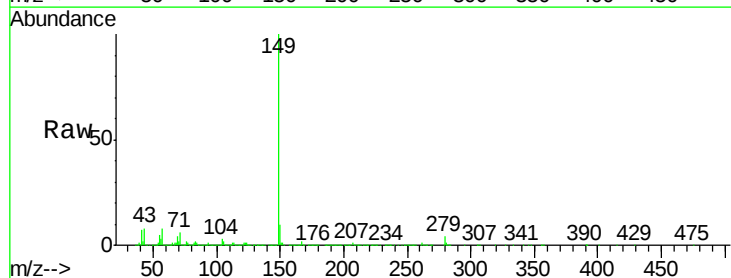
Instrument :
 BNA_N
 ClientSampleId :

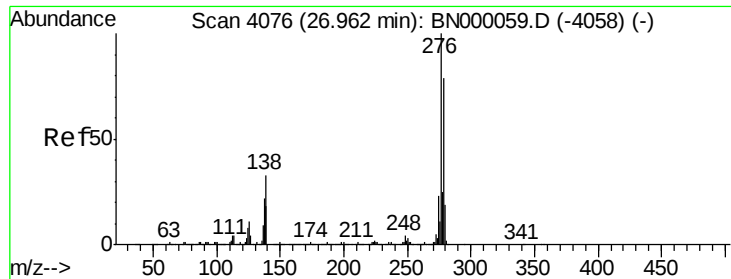
Tot Ion:149 Resp: 5447820
 Ion Ratio Lower Upper
 149 100
 167 27.9 24.3 36.5
 279 3.6 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 39.37 ng
 RT: 22.73 min Scan# 3357
 Delta R.T. -0.04 min
 Lab File: BN000112.D
 Acq: 19 Feb 2018 16:29

Tgt Ion:149 Resp: 8480499
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.4 2.0
 43 8.7 8.9 13.3#



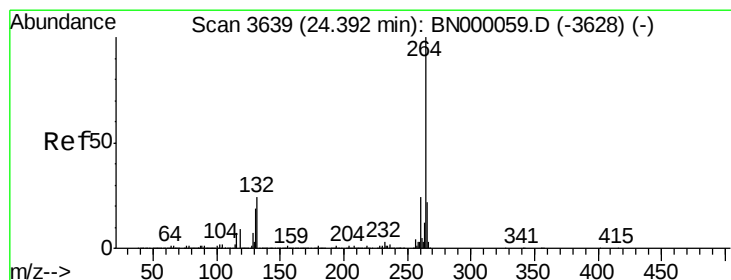
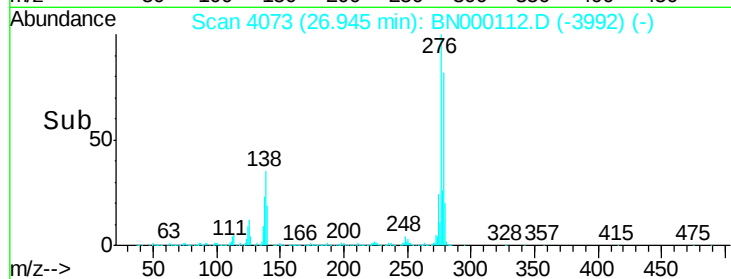
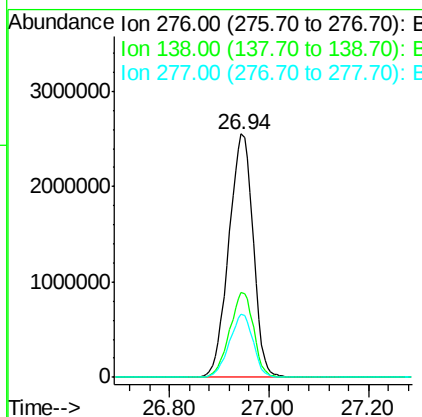
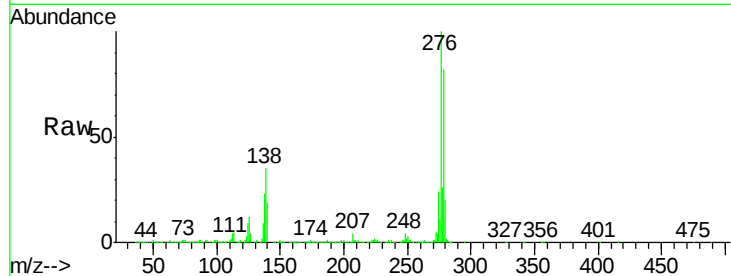


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.92 ng
 RT: 26.94 min Scan# 4073
 Delta R.T. -0.05 min
 Lab File: BN000112.D
 Acq: 19 Feb 2018 16:29

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 8673068

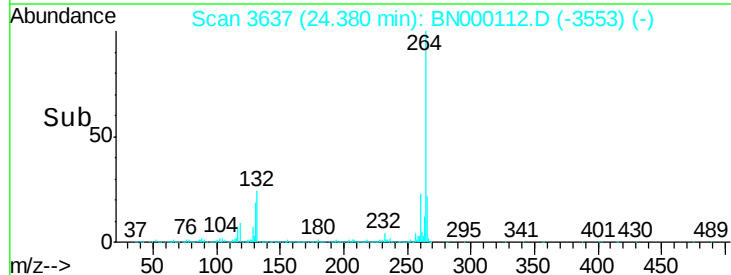
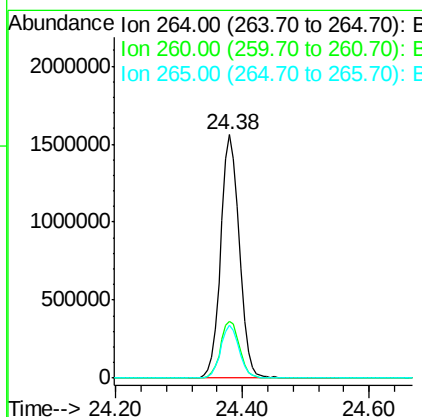
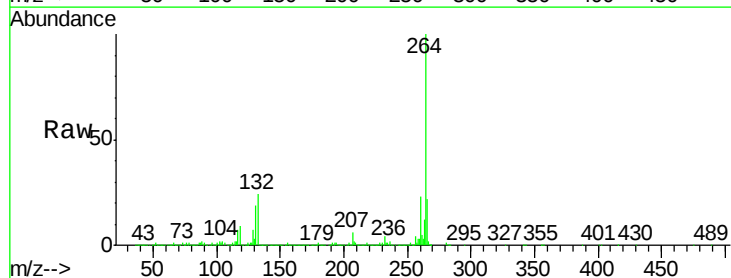
Ion	Ratio	Lower	Upper
276	100		
138	34.4	16.0	24.0#
277	25.5	20.0	30.0

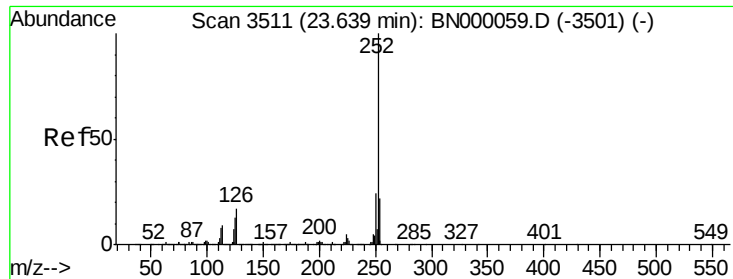


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.38 min Scan# 3637
 Delta R.T. -0.04 min
 Lab File: BN000112.D
 Acq: 19 Feb 2018 16:29

Tgt Ion:264 Resp: 3187285

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.6	17.7	26.5

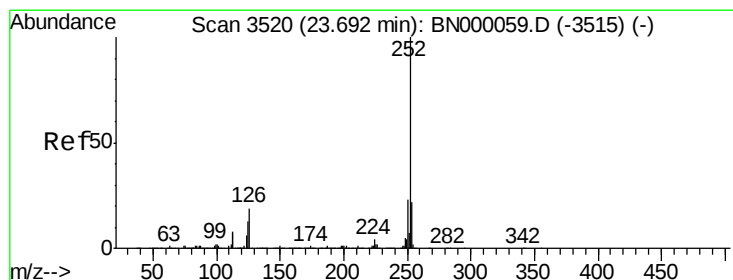
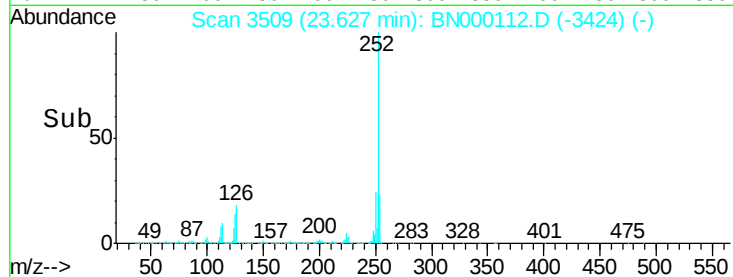
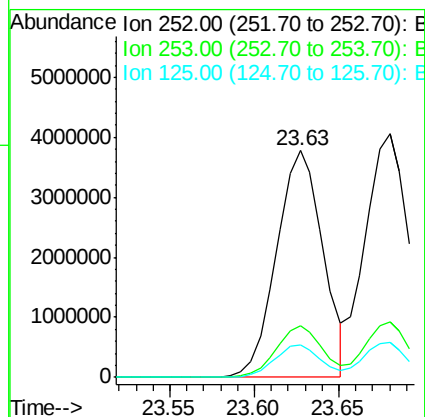
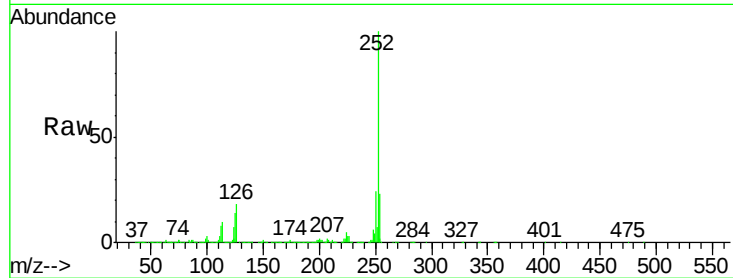




#87
Benzo(b)fluoranthene
Concen: 38.56 ng
RT: 23.63 min Scan# 3509
Delta R.T. -0.03 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

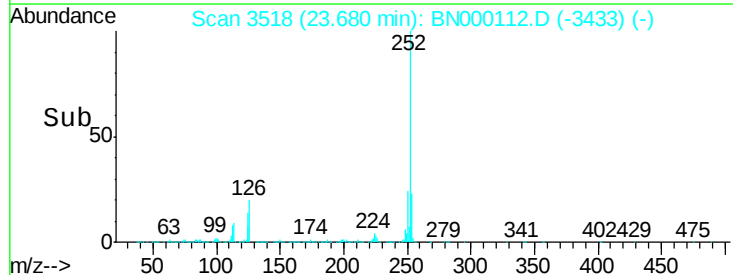
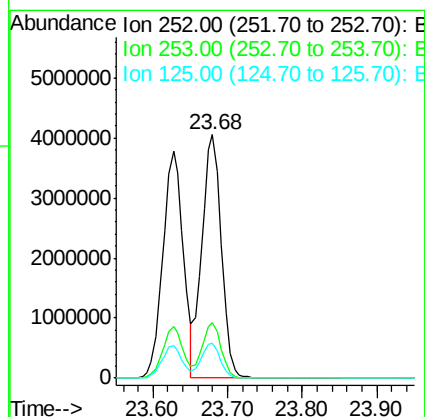
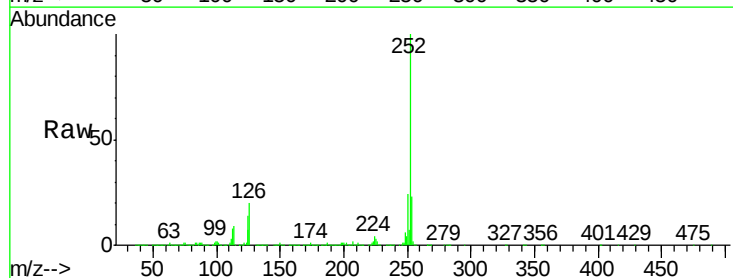
Instrument :
BNA_N
ClientSampled :

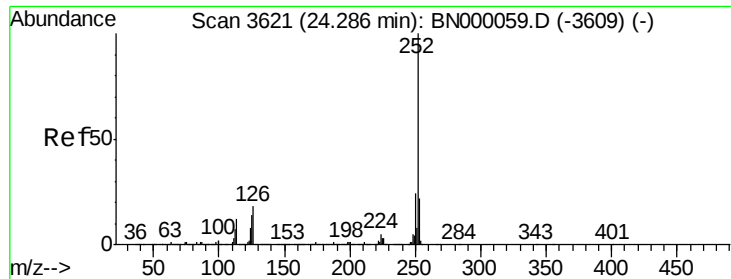
Tot Ion:252 Resp: 7193453
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 14.1 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 39.24 ng
RT: 23.68 min Scan# 3518
Delta R.T. -0.03 min
Lab File: BN000112.D
Acq: 19 Feb 2018 16:29

Tgt Ion:252 Resp: 7372419
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 14.4 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 39.48 ng

RT: 24.27 min Scan# 3619

Delta R.T. -0.04 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

Instrument :

BNA_N

ClientSampleId :

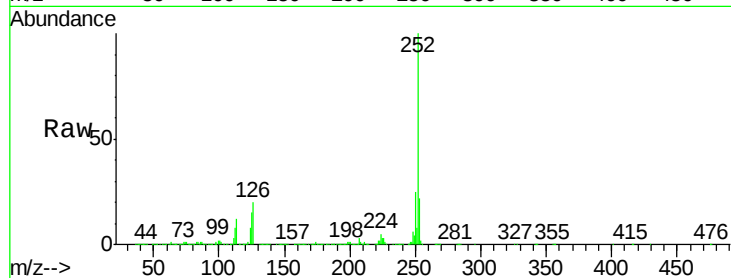
Tot Ion:252 Resp: 7063678

Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

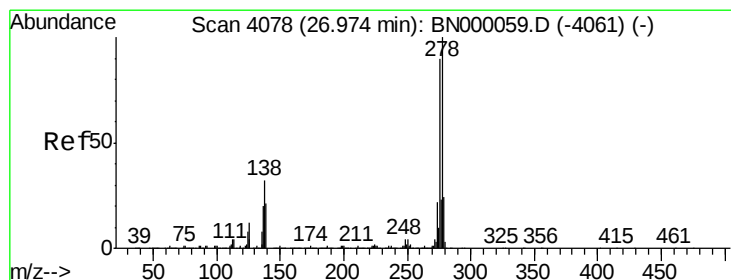
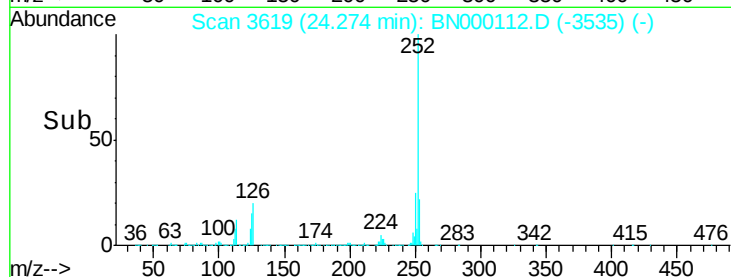
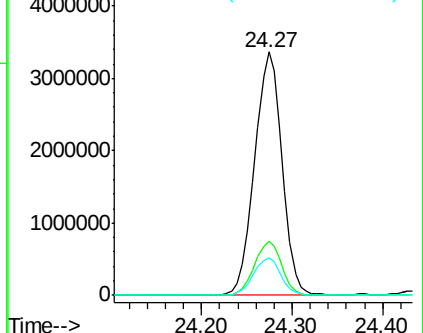
125 15.2 7.3 10.9#



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: 38.50 ng

RT: 26.96 min Scan# 4075

Delta R.T. -0.05 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

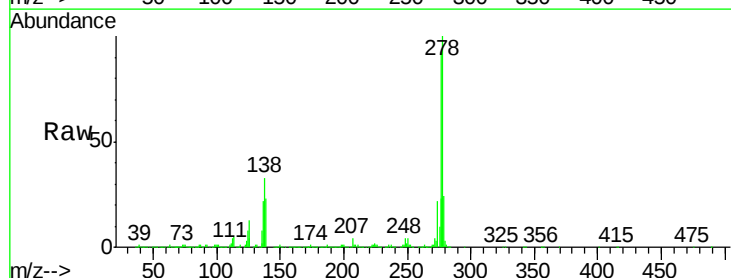
Tgt Ion:278 Resp: 7202385

Ion Ratio Lower Upper

278 100

139 22.8 9.8 14.6#

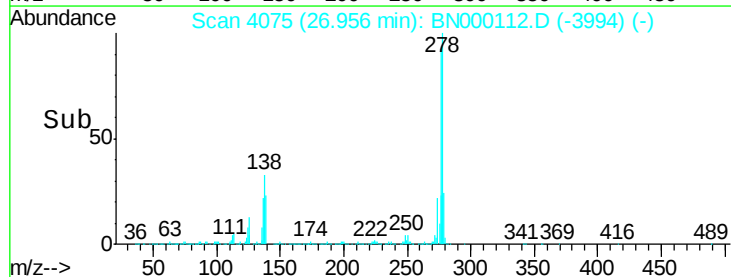
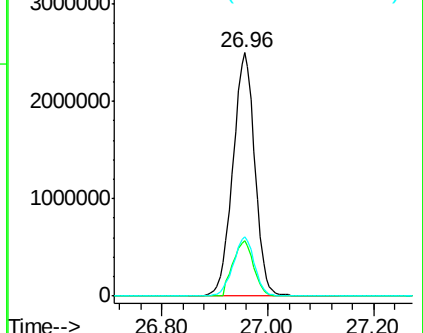
279 24.3 18.4 27.6

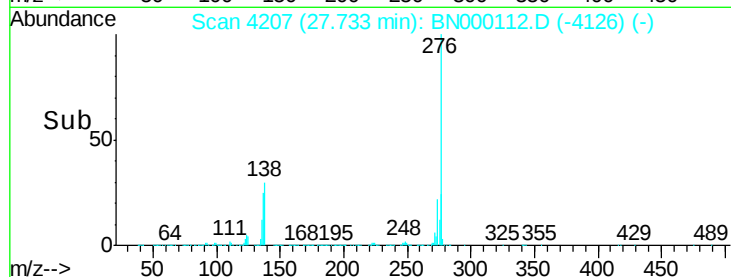
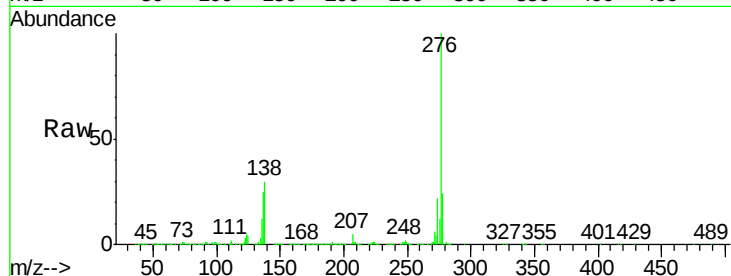
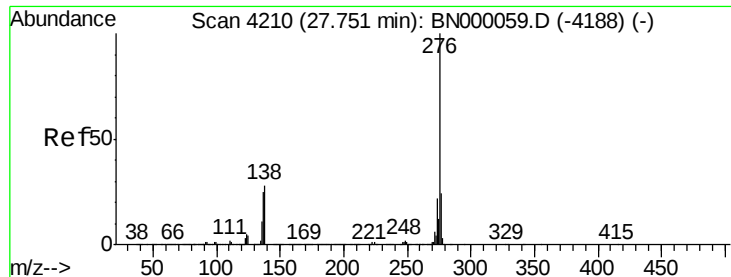


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.04 ng

RT: 27.73 min Scan# 4207

Delta R.T. -0.05 min

Lab File: BN000112.D

Acq: 19 Feb 2018 16:29

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 7196374

Ion Ratio Lower Upper

276 100

277 23.8 18.3 27.5

138 29.6 13.9 20.9#

