

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030618\
 Data File : BN000262.D
 Acq On : 06 Mar 2018 14:15
 Operator : JU/SJ
 Sample : PB107073BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB107073BS

Quant Time: Mar 07 04:27:53 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	237011	20.00	ng	-0.02
21) Naphthalene-d8	11.29	136	1187070	20.00	ng	-0.02
38) Acenaphthene-d10	15.06	164	669371	20.00	ng	-0.02
63) Phenanthrene-d10	17.78	188	1374661	20.00	ng	-0.02
75) Chrysene-d12	21.90	240	1376448	20.00	ng	-0.02
86) Perylene-d12	24.37	264	1463512	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.93	112	2551883	175.48	ng	-0.02
7) Phenol-d6	7.58	99	3579907	162.51	ng	-0.01
23) Nitrobenzene-d5	9.63	82	2030321	101.69	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	938358	141.62	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	4240582	89.29	ng	-0.02
78) Terphenyl-d14	20.34	244	5277647	103.53	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.64	88	208164	35.573	ng	97
3) Pyridine	4.08	79	653215	35.861	ng	97
4) n-Nitrosodimethylamine	3.99	42	254434	49.392	ng	# 89
6) Aniline	7.76	93	751324	24.757	ng	91
8) 2-Chlorophenol	8.00	128	900669	52.960	ng	89
9) Benzaldehyde	7.56	77	271042	19.778	ng	90
10) Phenol	7.61	94	1283756	55.207	ng	85
11) bis(2-Chloroethyl)ether	7.85	93	874387	45.720	ng	# 84
12) 1,3-Dichlorobenzene	8.33	146	772372	39.970	ng	99
13) 1,4-Dichlorobenzene	8.49	146	797240	40.400	ng	97
14) 1,2-Dichlorobenzene	8.81	146	783842	40.351	ng	95
15) Benzyl Alcohol	8.68	79	820297	51.809	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.98	45	920653	45.480	ng	80
17) 2-Methylphenol	8.88	107	841265	50.910	ng	95
18) Hexachloroethane	9.55	117	295062	42.953	ng	# 79
19) n-Nitroso-di-n-propylamine	9.26	70	681165	46.146	ng	# 83
20) 3+4-Methylphenols	9.21	107	1135915	49.150	ng	94
22) Acetophenone	9.28	105	1363480	40.989	ng	# 88
24) Nitrobenzene	9.68	77	1029766	47.179	ng	# 95
25) Isophorone	10.19	82	1976263	47.884	ng	97
26) 2-Nitrophenol	10.39	139	421425	47.248	ng	93
27) 2,4-Dimethylphenol	10.43	122	965292	53.949	ng	95
28) bis(2-Chloroethoxy)methane	10.67	93	1282208	48.441	ng	98
29) 2,4-Dichlorophenol	10.92	162	832889	50.299	ng	96
30) 1,2,4-Trichlorobenzene	11.15	180	753783	39.529	ng	97
31) Naphthalene	11.34	128	2683967	41.242	ng	98
32) Benzoic acid	10.56	122	546031	42.616	ng	91
33) 4-Chloroaniline	11.43	127	595472	20.829	ng	96
34) Hexachlorobutadiene	11.61	225	373063	37.728	ng	97
35) Caprolactam	12.20	113	308278	43.045	ng	97
36) 4-Chloro-3-methylphenol	12.53	107	1030036	48.996	ng	98
37) 2-Methylnaphthalene	12.92	142	1930989	42.644	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	808261	40.909	ng	# 95
40) Hexachlorocyclopentadiene	13.25	237	760255	92.309	ng	92

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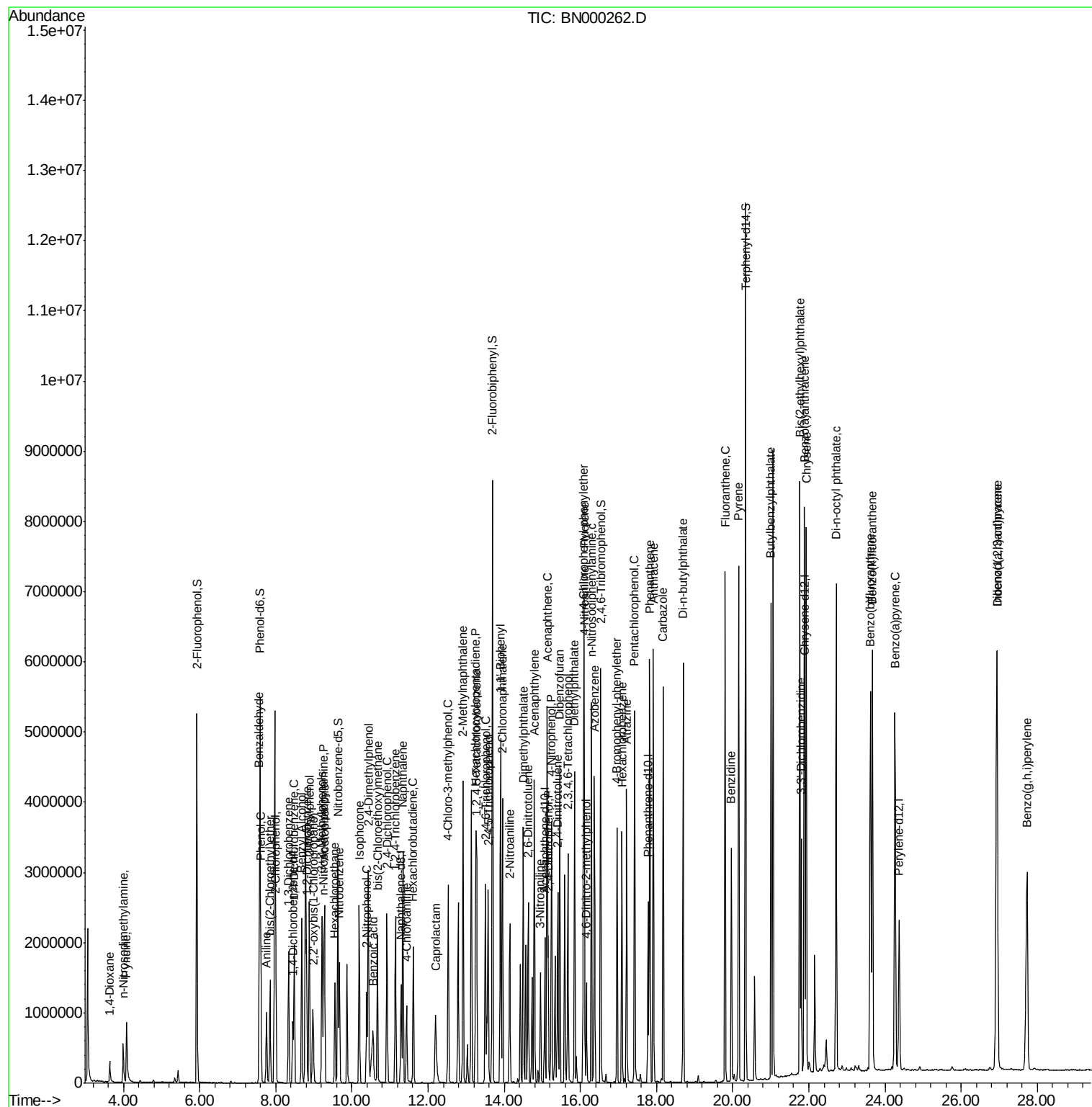
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.50	196	583459	49.272	nq	98
43) 2,4,5-Trichlorophenol	13.57	196	649241	45.607	nq	# 92
45) 1,1'-Biphenyl	13.90	154	2457839	41.691	nq	97
46) 2-Chloronaphthalene	13.95	162	1864067	42.141	nq	96
47) 2-Nitroaniline	14.15	65	627937	48.358	nq	86
48) Acenaphthylene	14.79	152	3057681	42.905	nq	98
49) Dimethylphthalate	14.50	163	2350795	42.012	nq	99
50) 2,6-Dinitrotoluene	14.63	165	516680	44.729	nq	93
51) Acenaphthene	15.13	154	2064368	44.500	nq	98
52) 3-Nitroaniline	14.95	138	370990	26.421	nq	# 91
53) 2,4-Dinitrophenol	15.16	184	384918	92.341	nq	# 1
54) Dibenzofuran	15.45	168	2831646	43.100	nq	95
55) 4-Nitrophenol	15.24	139	1014528	87.660	nq	# 85
56) 2,4-Dinitrotoluene	15.40	165	722587	44.071	nq	95
57) Fluorene	16.10	166	2273434	42.379	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.67	232	541058	48.159	nq	# 83
59) Diethylphthalate	15.85	149	2435035	42.823	nq	97
60) 4-Chlorophenyl-phenylether	16.08	204	1030004	42.132	nq	93
61) 4-Nitroaniline	16.11	138	593675	41.149	nq	92
62) Azobenzene	16.37	77	2680585	47.357	nq	89
64) 4,6-Dinitro-2-methylphenol	16.16	198	255204	40.804	nq	91
65) n-Nitrosodiphenylamine	16.29	169	2024330	45.257	nq	97
66) 4-Bromophenyl-phenylether	16.97	248	589951	45.130	nq	# 88
67) Hexachlorobenzene	17.09	284	633987	41.529	nq	# 87
68) Atrazine	17.22	200	644302	44.258	nq	95
69) Pentachlorophenol	17.43	266	808150	77.110	nq	99
70) Phenanthrene	17.82	178	3526045	43.425	nq	99
71) Anthracene	17.92	178	3620866	46.053	nq	99
72) Carbazole	18.17	167	3422477	43.209	nq	97
73) Di-n-butylphthalate	18.70	149	4076262	46.617	nq	99
74) Fluoranthene	19.80	202	3837777	45.051	nq	92
76) Benzidine	19.96	184	1689700	38.510	nq	97
77) Pyrene	20.16	202	3999904	45.723	nq	98
79) Butylbenzylphthalate	21.01	149	1949649	47.093	nq	98
80) Benzo(a)anthracene	21.88	228	3840427	45.394	nq	100
81) 3,3'-Dichlorobenzidine	21.80	252	849991	27.353	nq	# 98
82) Chrysene	21.93	228	3626854	43.018	nq	99
83) Bis(2-ethylhexyl)phthalate	21.76	149	2867772	46.651	nq	# 96
84) Di-n-octyl phthalate	22.72	149	5080598	51.029	nq	# 94
85) Indeno(1,2,3-cd)pyrene	26.94	276	4168925	40.253	nq	# 85
87) Benzo(b)fluoranthene	23.62	252	4043593	47.203	nq	# 96
88) Benzo(k)fluoranthene	23.67	252	3798706	44.029	nq	# 95
89) Benzo(a)pyrene	24.27	252	3835045	46.683	nq	# 94
90) Dibenzo(a,h)anthracene	26.94	278	3527333	41.059	nq	# 90
91) Benzo(g,h,i)perylene	27.73	276	3410812	39.264	nq	# 87

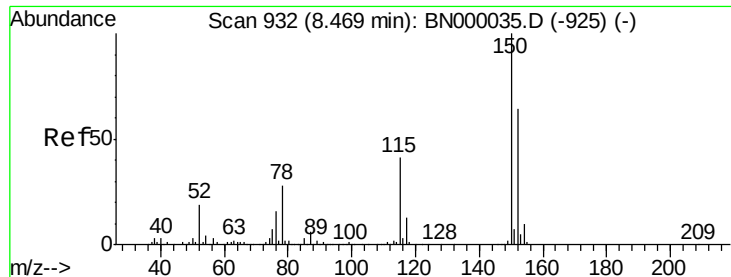
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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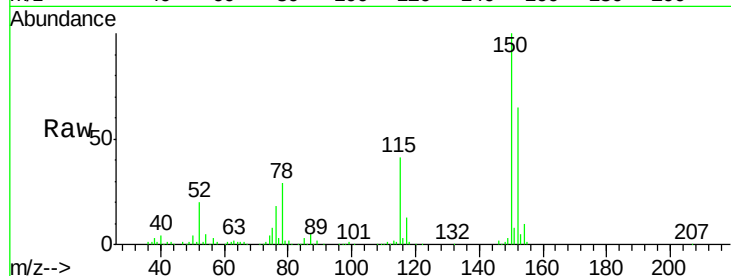


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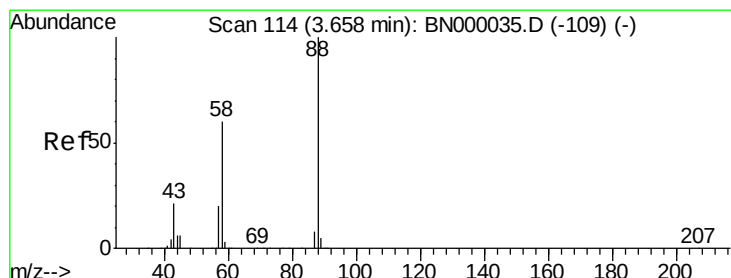
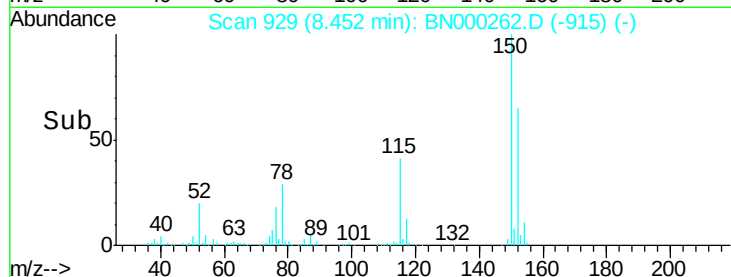
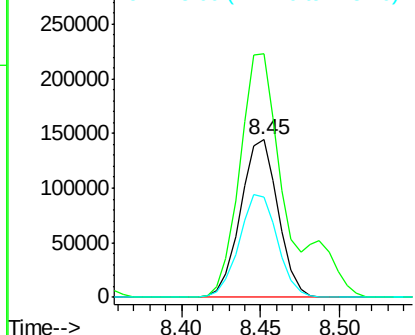
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 929
Delta R.T. -0.02 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

Instrument :
BNA_N
ClientSampleId :
PB107073BS

Tot Ion:152 Resp: 237011
Ion Ratio Lower Upper
152 100
150 154.6 126.6 189.8
115 63.5 53.0 79.4



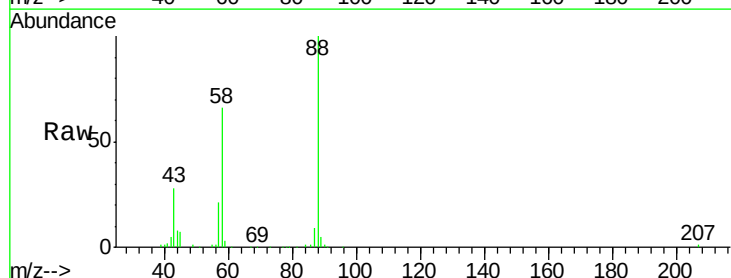
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



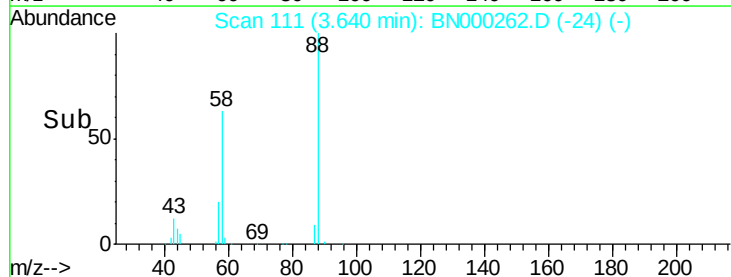
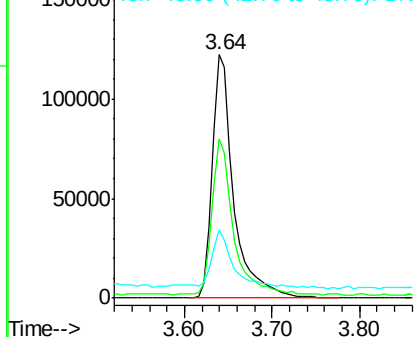
#2

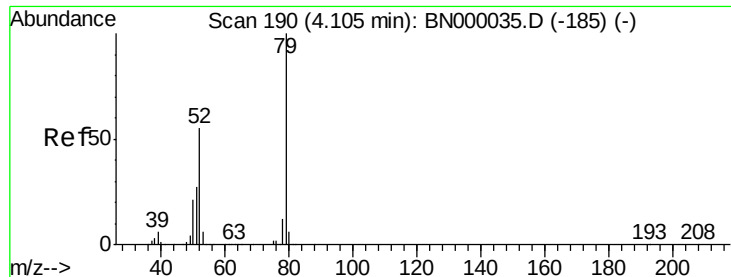
1,4-Dioxane
Concen: 35.573 ng
RT: 3.64 min Scan# 111
Delta R.T. -0.02 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

Tgt Ion: 88 Resp: 208164
Ion Ratio Lower Upper
88 100
58 62.7 52.0 78.0
43 23.3 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: 35.861 ng

RT: 4.08 min Scan# 186

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

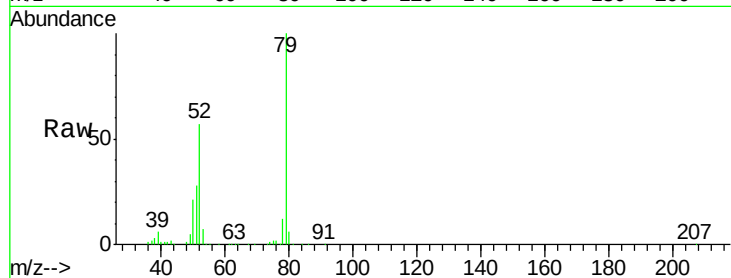
BNA_N

ClientSampleId :

PB107073BS

Tot Ion: 79 Resp: 653215

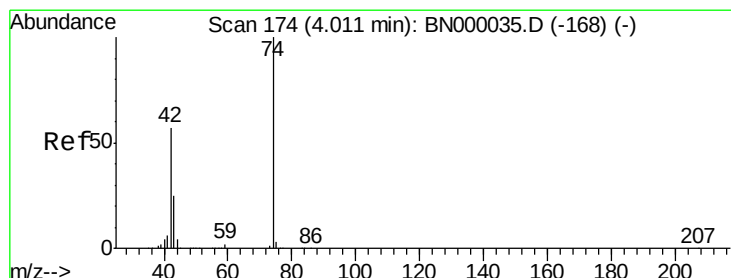
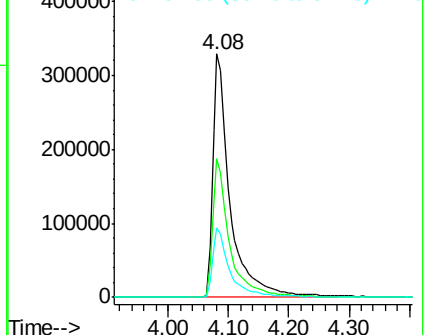
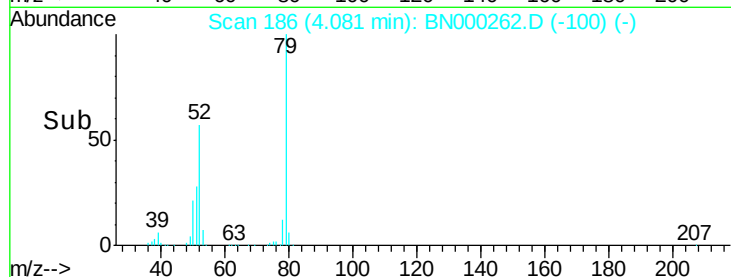
Ion	Ratio	Lower	Upper
79	100		
52	57.1	44.0	66.0
51	28.5	24.0	36.0



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: 49.392 ng

RT: 3.99 min Scan# 171

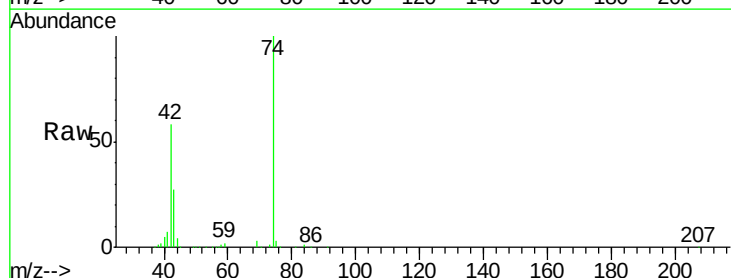
Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Tgt Ion: 42 Resp: 254434

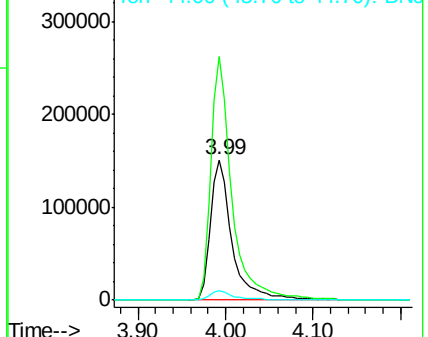
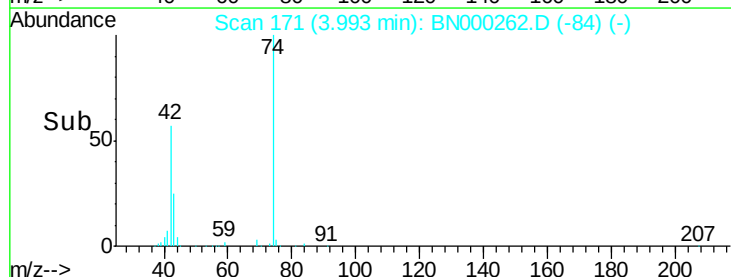
Ion	Ratio	Lower	Upper
42	100		
74	173.8	128.0	192.0
44	7.1	12.0	18.0

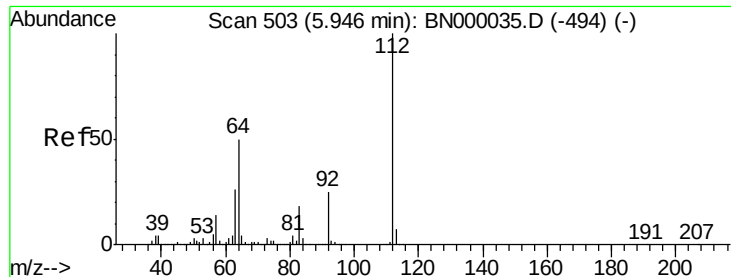


Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0





#5

2-Fluorophenol

Concen: 175.476 ng

RT: 5.93 min Scan# 500

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

BNA_N

ClientSampleId :

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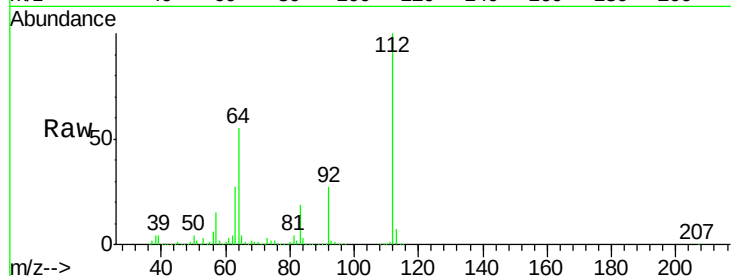
Tot Ion:112 Resp: 2551883

Ion Ratio Lower Upper

112 100

64 54.5 56.3 84.5#

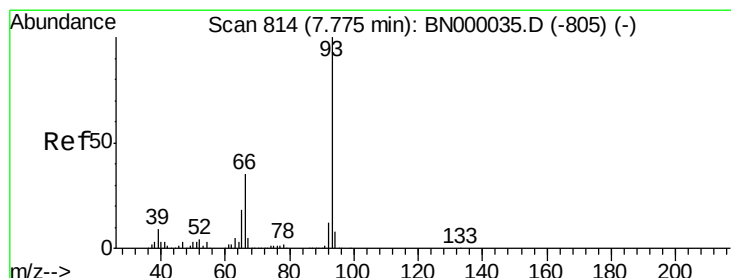
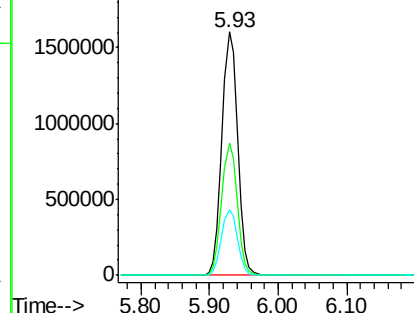
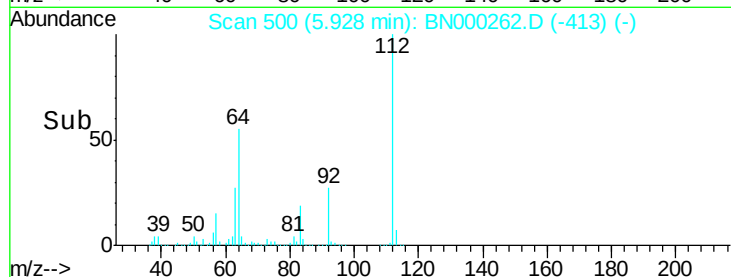
63 27.2 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 24.757 ng

RT: 7.76 min Scan# 811

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

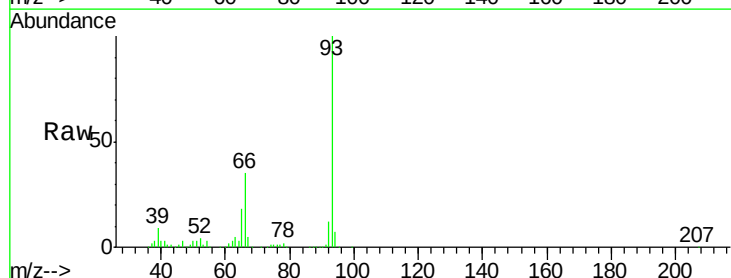
Tgt Ion: 93 Resp: 751324

Ion Ratio Lower Upper

93 100

66 35.4 33.7 50.5

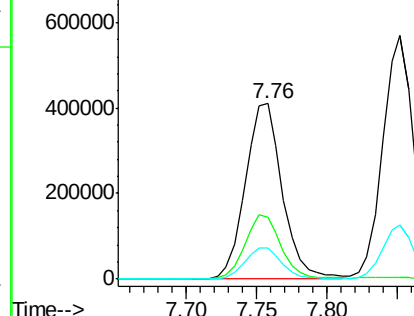
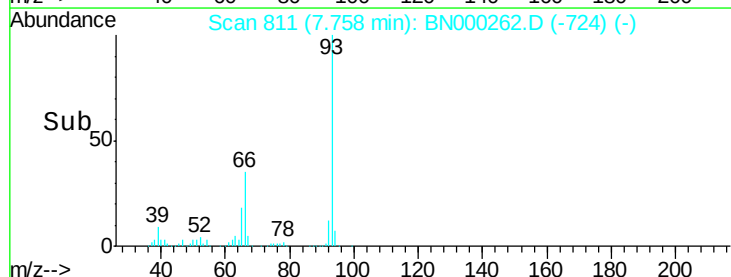
65 17.9 16.1 24.1

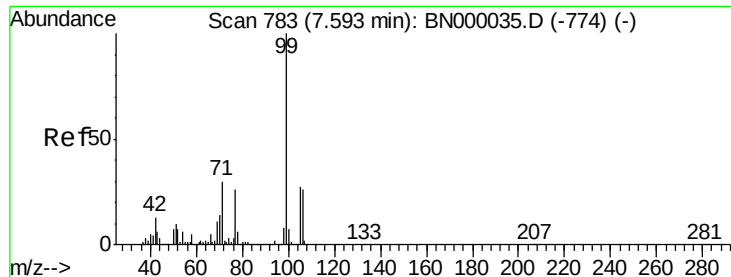


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 162.512 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

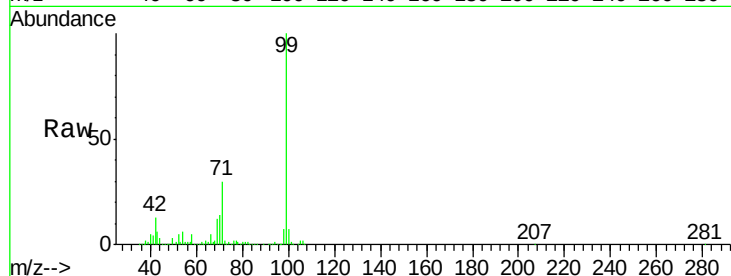
BNA_N

ClientSampleId :

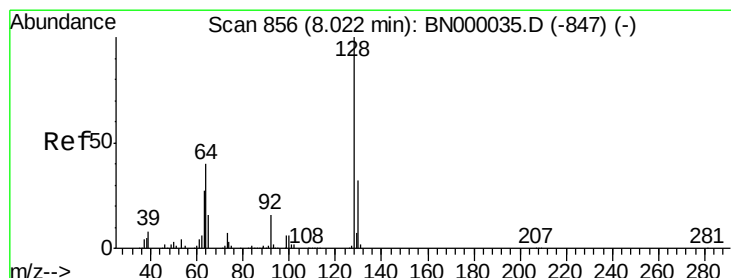
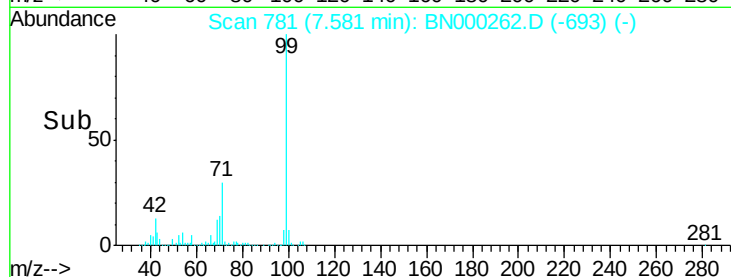
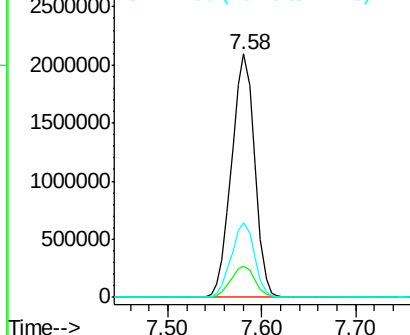
PB107073BS

Tot Ion: 99 Resp: 3579907

Ion	Ratio	Lower	Upper
99	100		
42	12.8	14.1	21.1#
71	30.4	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#8

2-Chlorophenol

Concen: 52.960 ng

RT: 8.00 min Scan# 853

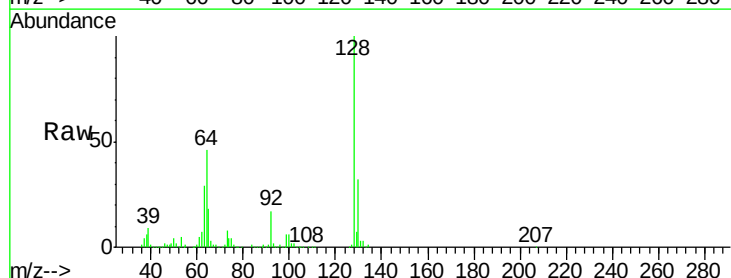
Delta R.T. -0.02 min

Lab File: BN000262.D

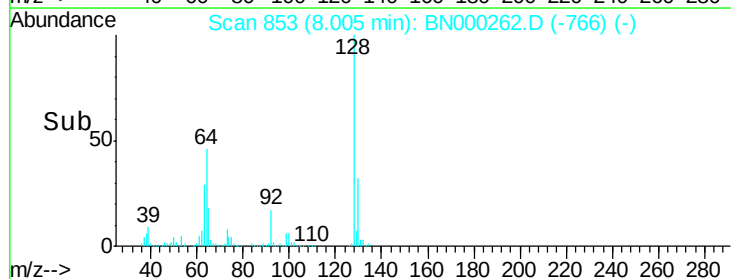
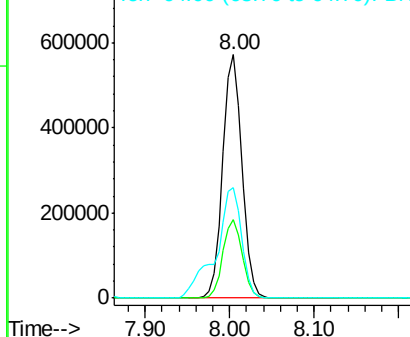
Acq: 06 Mar 2018 14:15

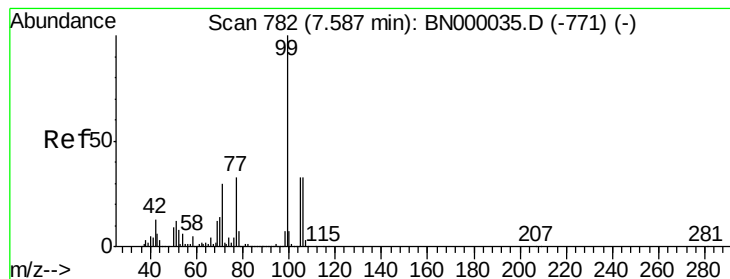
Tgt Ion: 128 Resp: 900669

Ion	Ratio	Lower	Upper
128	100		
130	32.3	14.0	54.0
64	45.6	37.7	77.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BN0





#9

Benzaldehyde

Concen: 19.778 ng

RT: 7.56 min Scan# 778

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

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BNA_N

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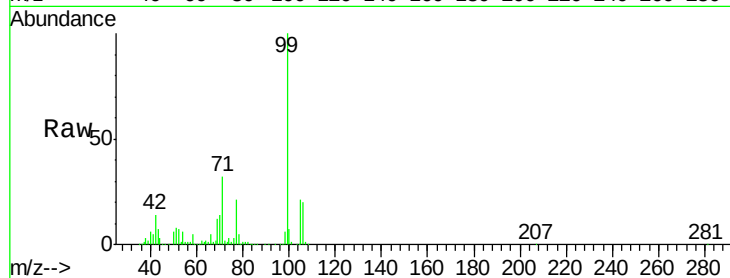
Tot Ion: 77 Resp: 271042

Ion Ratio Lower Upper

77 100

105 99.8 71.3 111.3

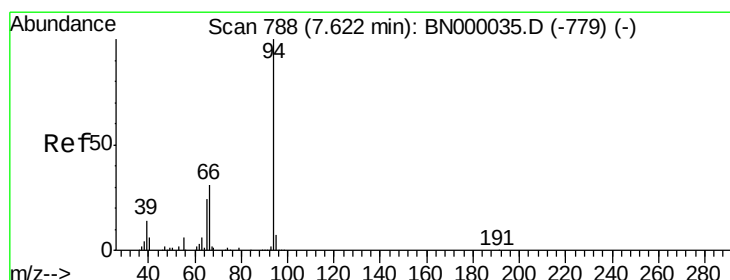
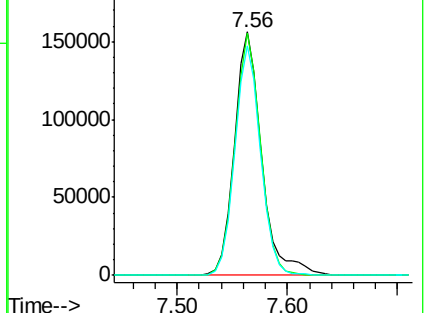
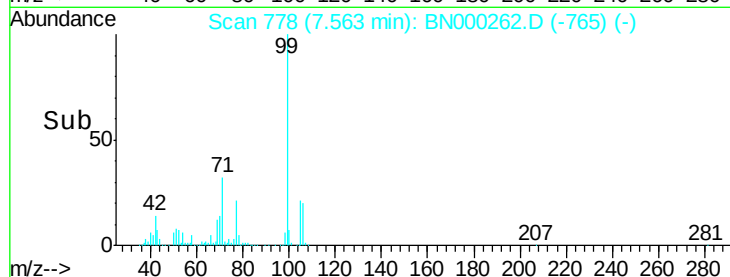
106 94.0 64.2 104.2



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: 55.207 ng

RT: 7.61 min Scan# 786

Delta R.T. -0.01 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

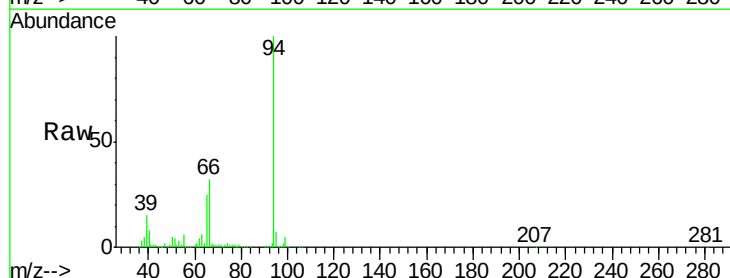
Tgt Ion: 94 Resp: 1283756

Ion Ratio Lower Upper

94 100

65 24.6 11.9 51.9

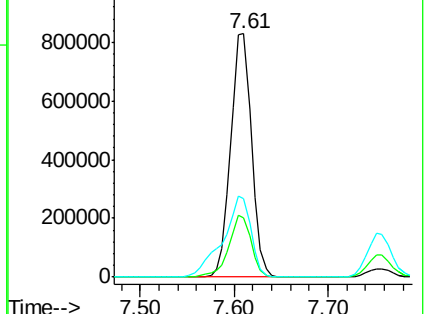
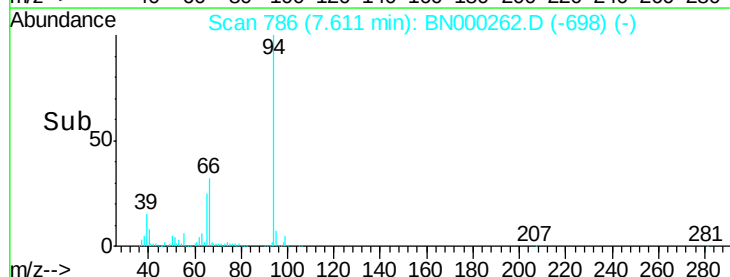
66 32.2 22.2 62.2

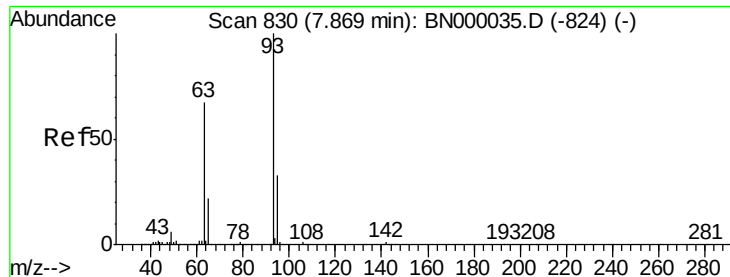


Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0

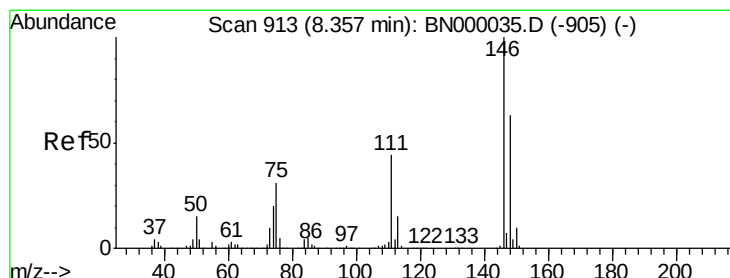
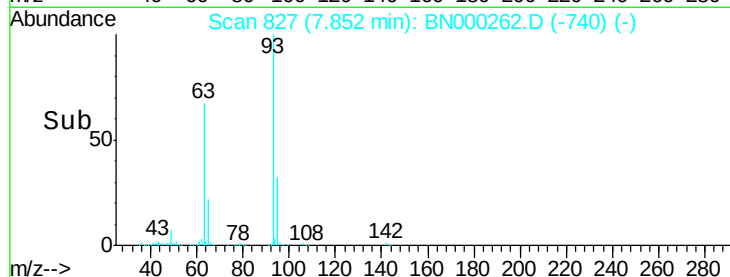
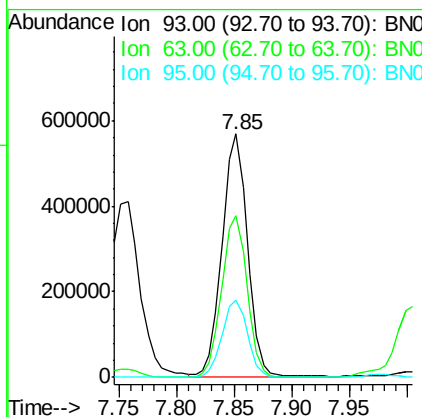
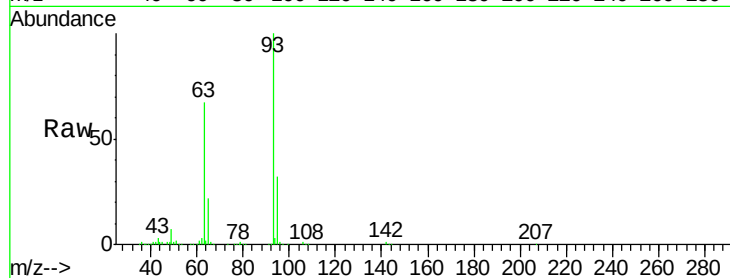




#11
bis(2-Chloroethyl)ether
Concen: 45.720 ng
RT: 7.85 min Scan# 827
Delta R.T. -0.02 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

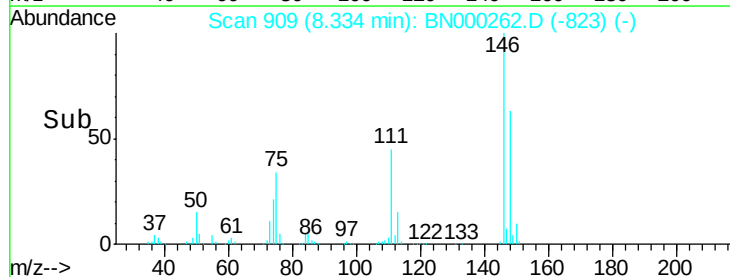
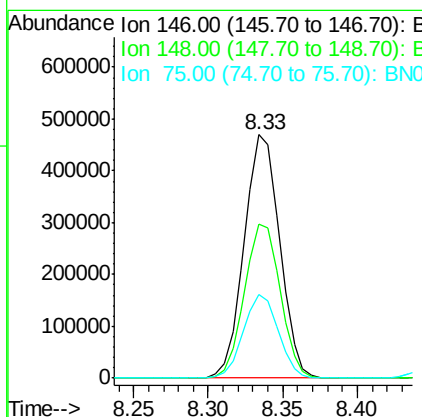
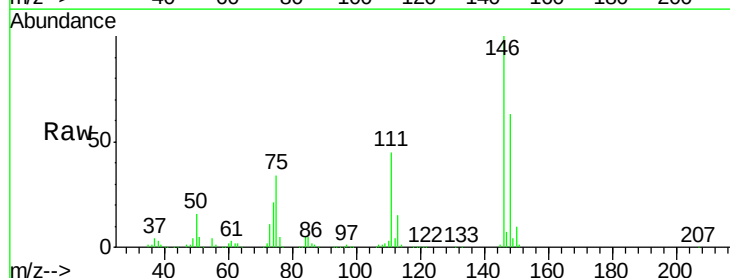
Instrument :
BNA_N
ClientSampleId :
PB107073BS

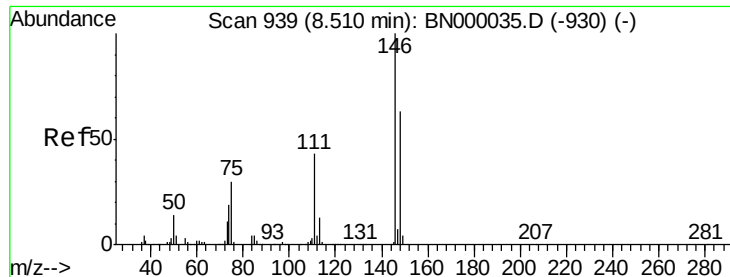
Tot Ion: 93 Resp: 874387
Ion Ratio Lower Upper
93 100
63 66.6 67.1 107.1#
95 31.7 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 39.970 ng
RT: 8.33 min Scan# 909
Delta R.T. -0.02 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

Tgt Ion: 146 Resp: 772372
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.2
75 34.1 26.6 39.8

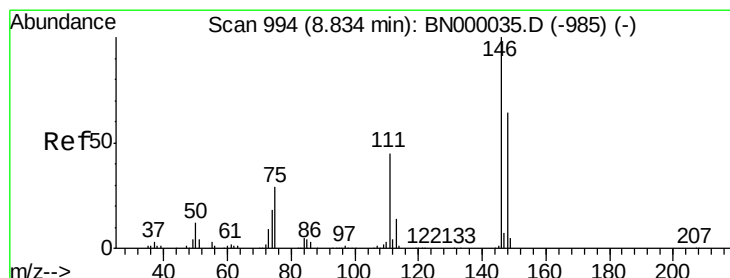
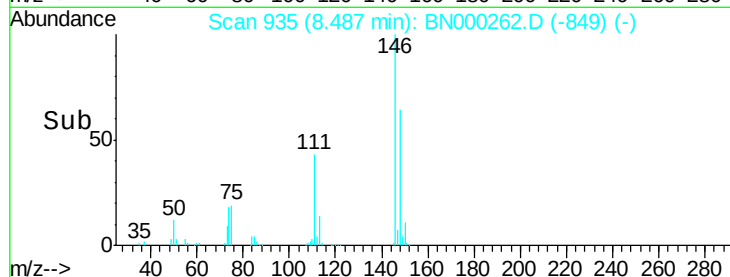
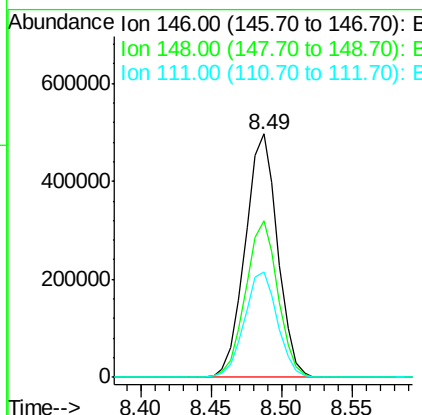
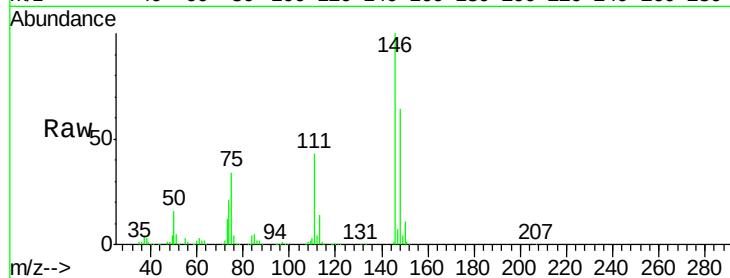




#13
 1,4-Dichlorobenzene
 Concen: 40.400 ng
 RT: 8.49 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BN000262.D
 Acq: 06 Mar 2018 14:15

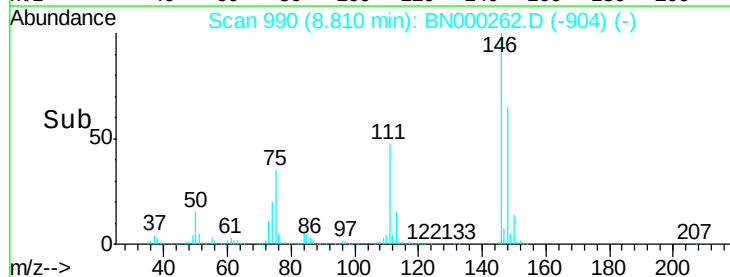
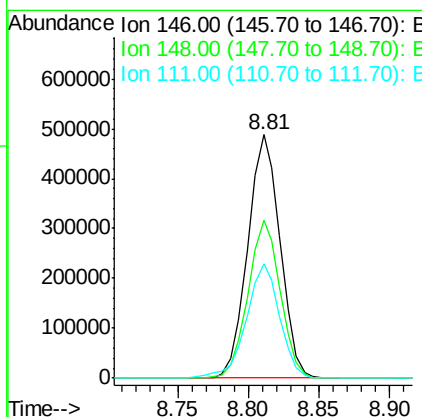
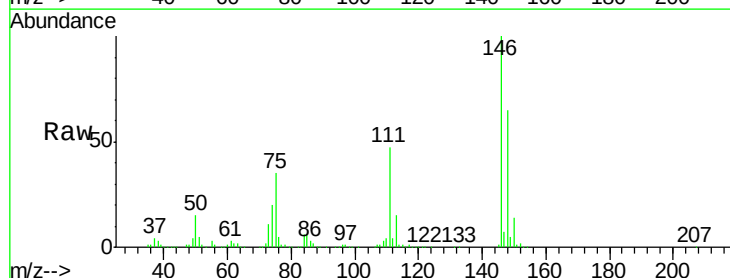
Instrument :
 BNA_N
 ClientSampleId :
 PB107073BS

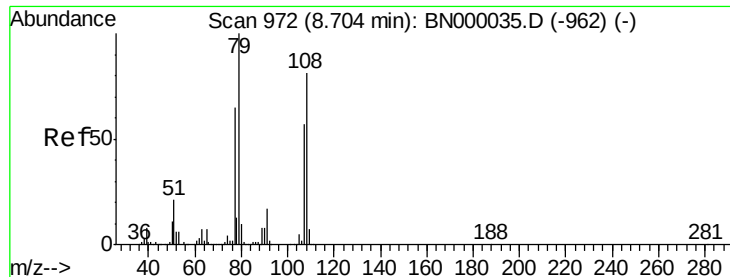
Tot Ion:146 Resp: 797240
 Ion Ratio Lower Upper
 146 100
 148 64.1 53.7 80.5
 111 43.3 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 40.351 ng
 RT: 8.81 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BN000262.D
 Acq: 06 Mar 2018 14:15

Tgt Ion:146 Resp: 783842
 Ion Ratio Lower Upper
 146 100
 148 64.8 49.3 73.9
 111 47.0 34.3 51.5





#15

Benzyl Alcohol

Concen: 51.809 ng

RT: 8.68 min Scan# 968

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

BNA_N

ClientSampleId :

PB107073BS

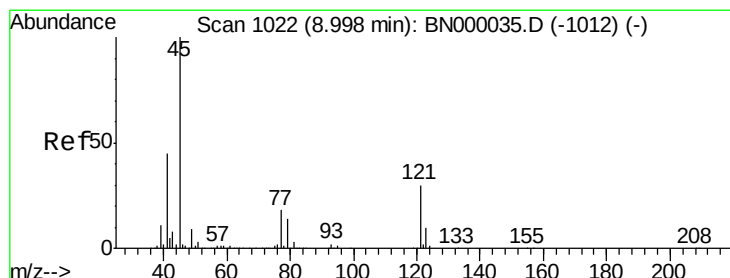
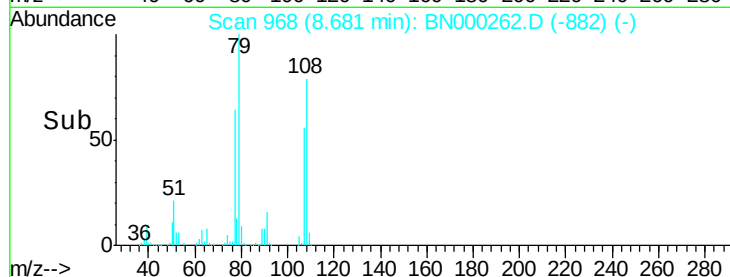
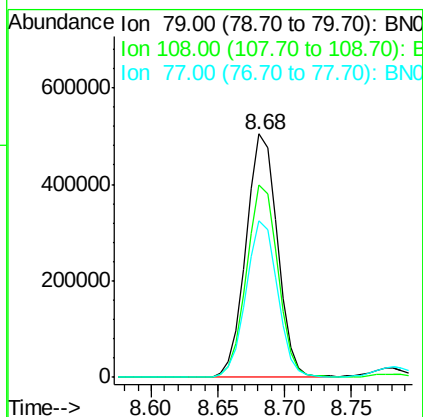
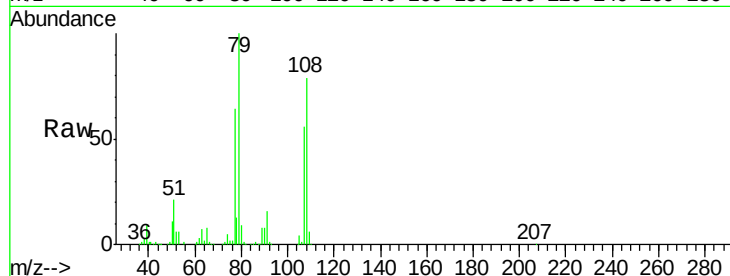
Tot Ion: 79 Resp: 820297

Ion Ratio Lower Upper

79 100

108 78.9 57.2 85.8

77 64.3 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.480 ng

RT: 8.98 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

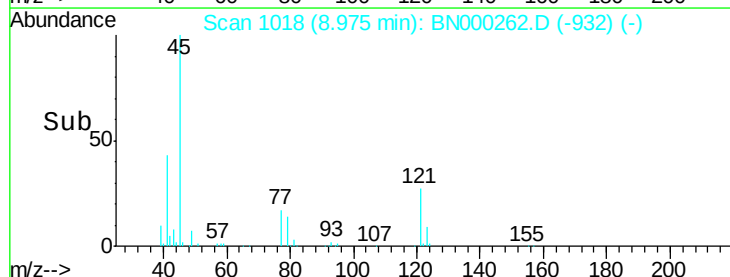
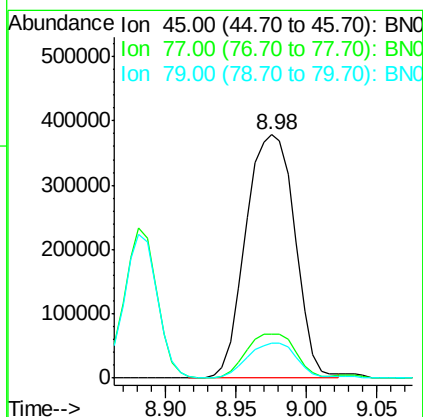
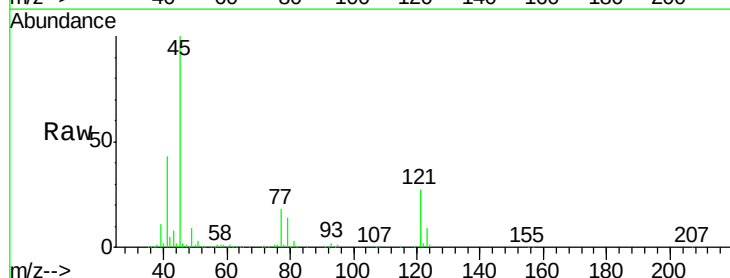
Tgt Ion: 45 Resp: 920653

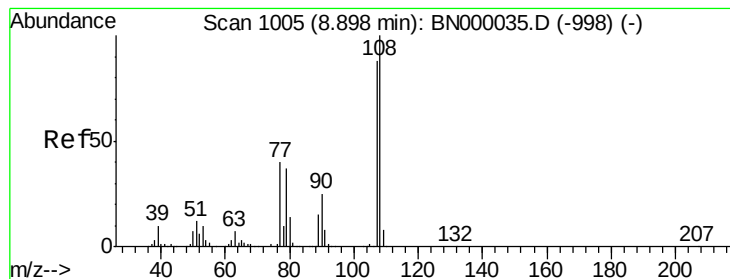
Ion Ratio Lower Upper

45 100

77 18.1 0.0 30.2

79 14.1 0.0 27.9

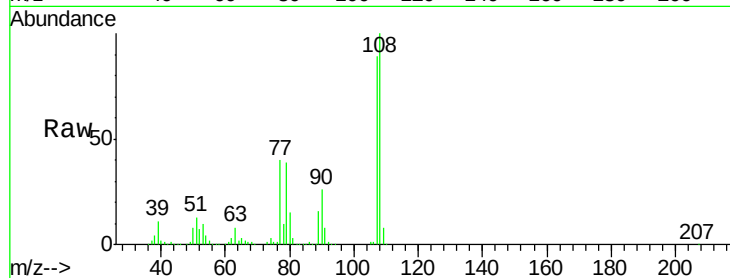




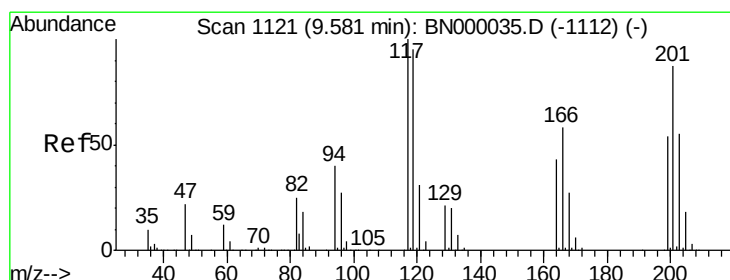
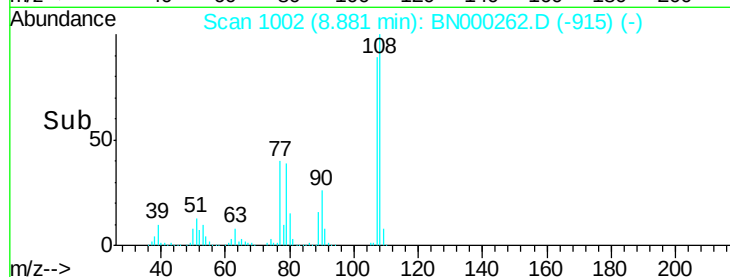
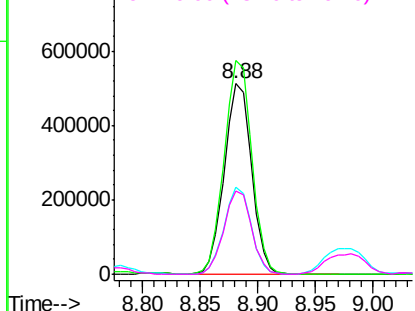
#17
2-Methylphenol
Concen: 50.910 ng
RT: 8.88 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

Instrument :
BNA_N
ClientSampleId :
PB107073BS

Tot Ion:	107	Resp:	841265
Ion	Ratio	Lower	Upper
107	100		
108	112.2	83.9	125.9
77	45.4	37.2	55.8
79	43.7	36.2	54.2

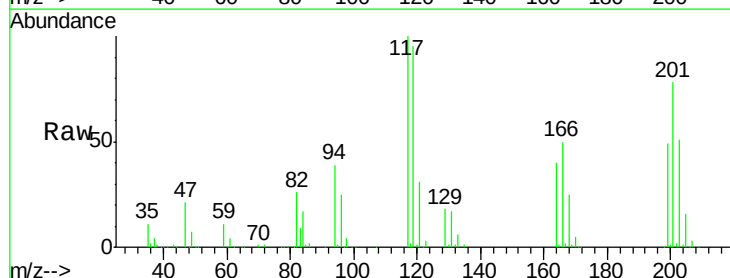


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

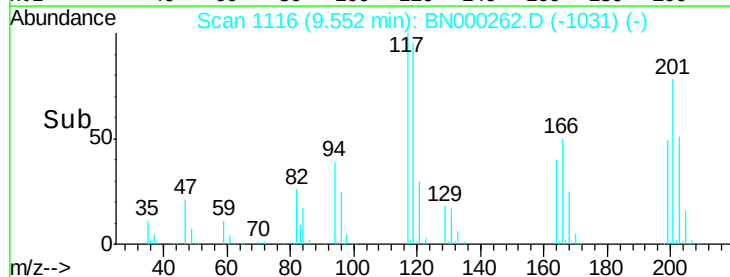
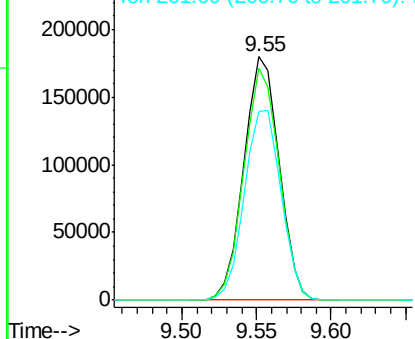


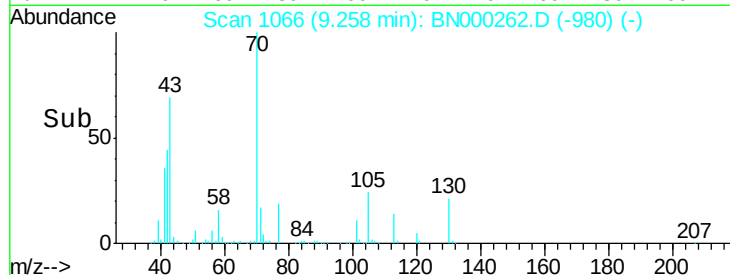
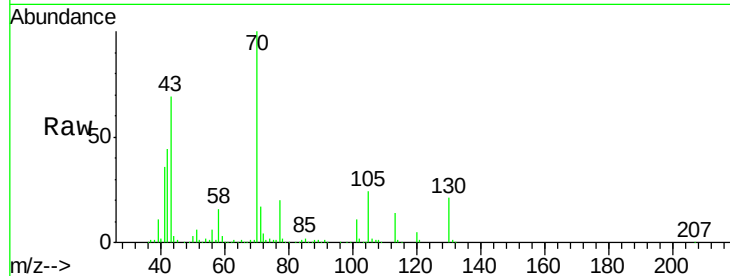
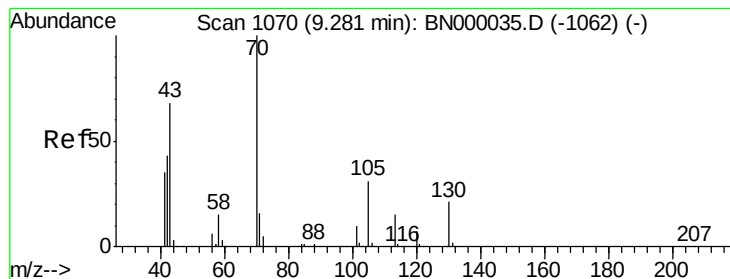
#18
Hexachloroethane
Concen: 42.953 ng
RT: 9.55 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

Tgt Ion:	117	Resp:	295062
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.7	115.1
201	77.7	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: 46.146 ng

RT: 9.26 min Scan# 1066

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

BNA_N

ClientSampleId :

PB107073BS

Tot Ion: 70 Resp: 681165

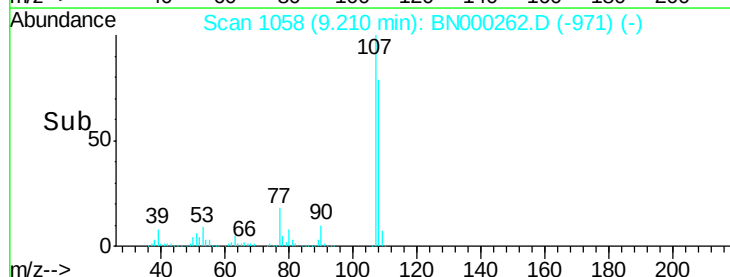
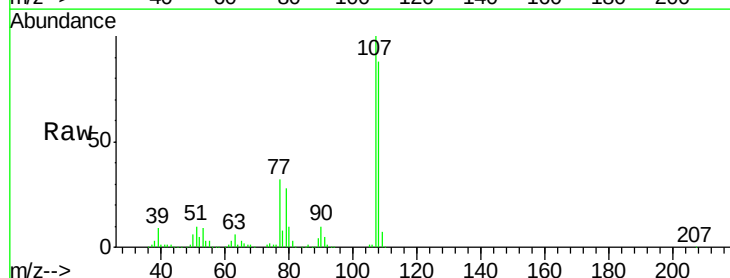
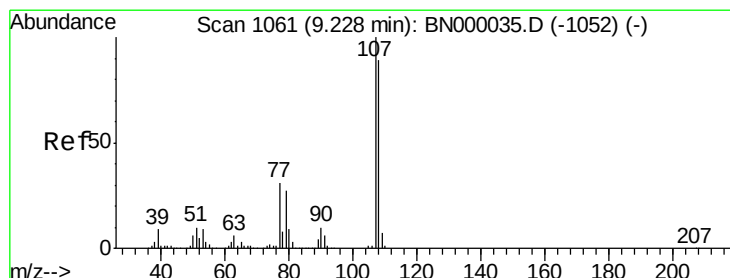
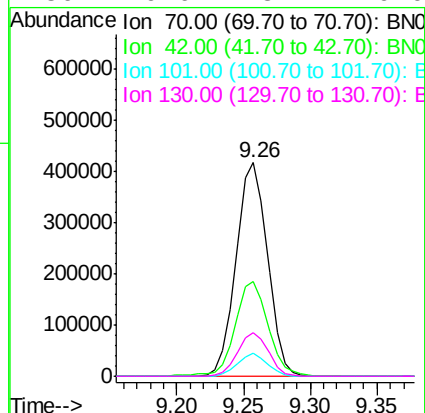
Ion Ratio Lower Upper

70 100

42 44.5 49.1 73.7#

101 10.5 8.5 12.7

130 20.6 13.4 20.0#



#20

3+4-Methylphenols

Concen: 49.150 ng

RT: 9.21 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Tgt Ion: 107 Resp: 1135915

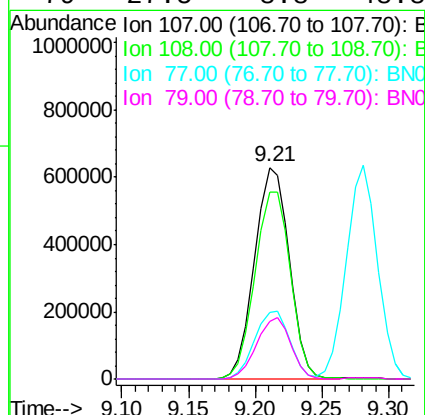
Ion Ratio Lower Upper

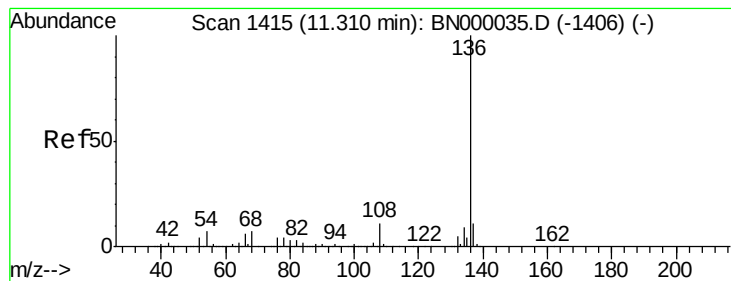
107 100

108 88.3 61.6 101.6

77 31.8 13.9 53.9

79 27.5 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.29 min Scan# 1411

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

BNA_N

ClientSampleId :

PB107073BS

Tot Ion:136 Resp: 1187070

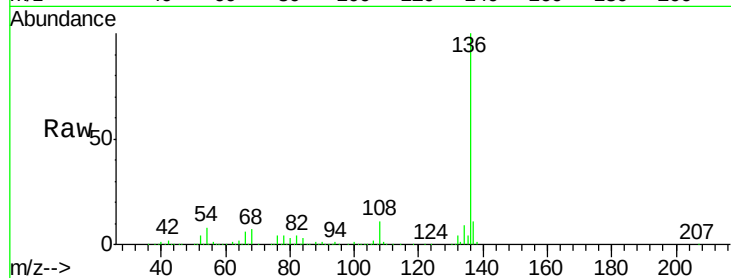
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 7.5 10.3 15.5#

68 7.2 4.5 6.7#

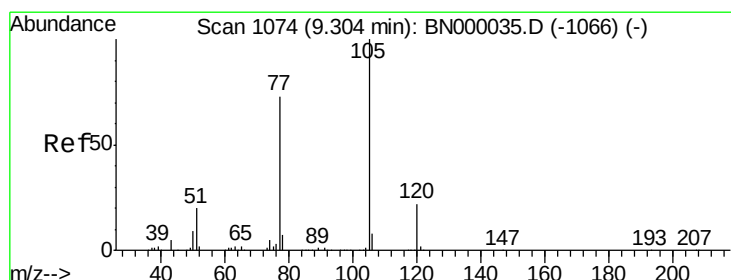
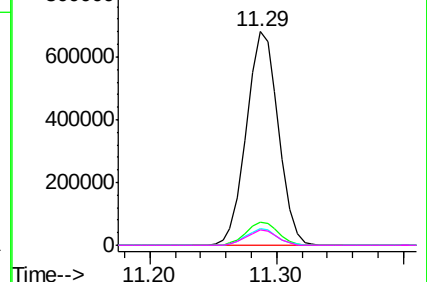
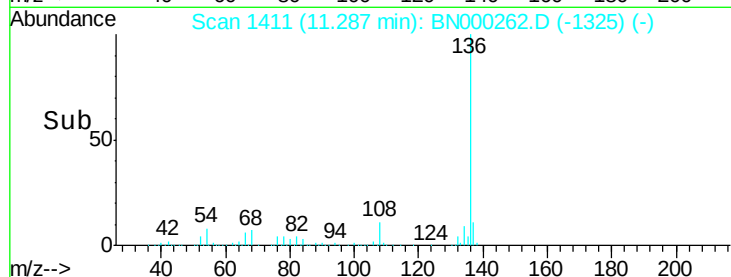


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.989 ng

RT: 9.28 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Tgt Ion:105 Resp: 1363480

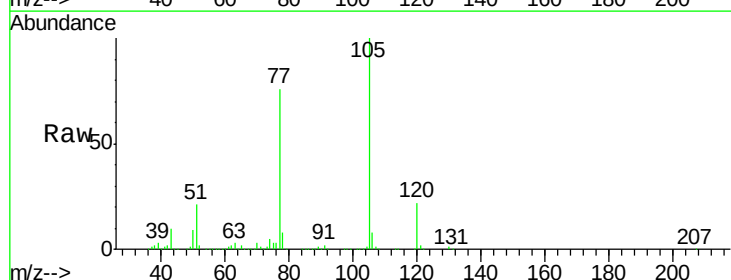
Ion Ratio Lower Upper

105 100

71 0.6 3.0 4.4#

51 21.1 26.1 39.1#

120 22.2 17.4 26.2

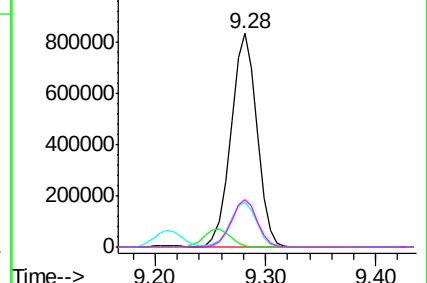
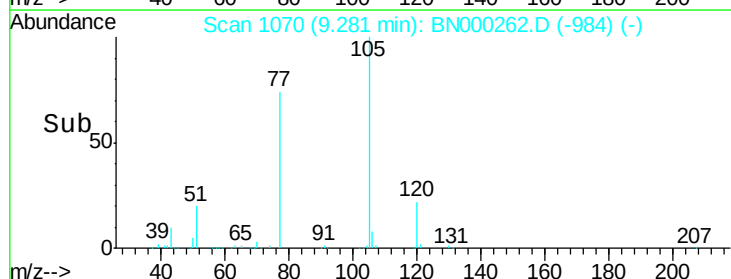


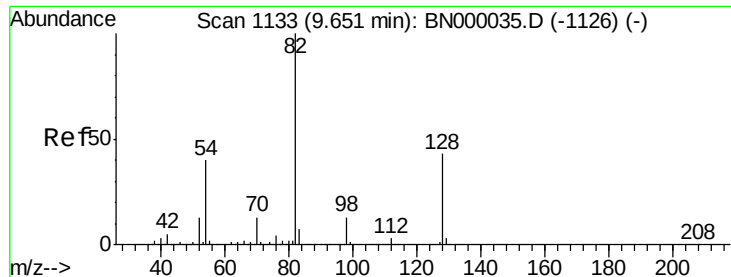
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E

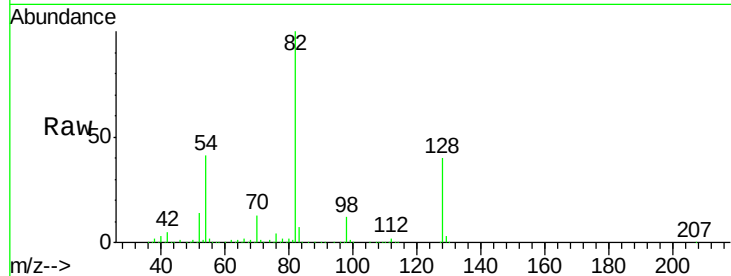




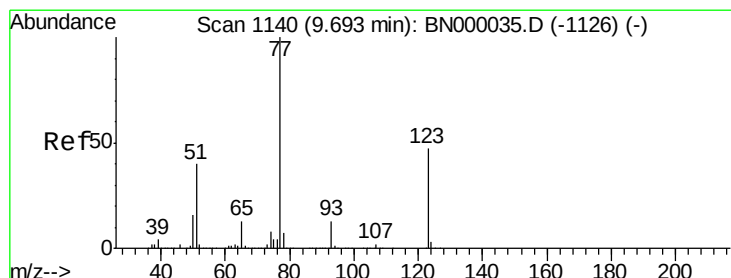
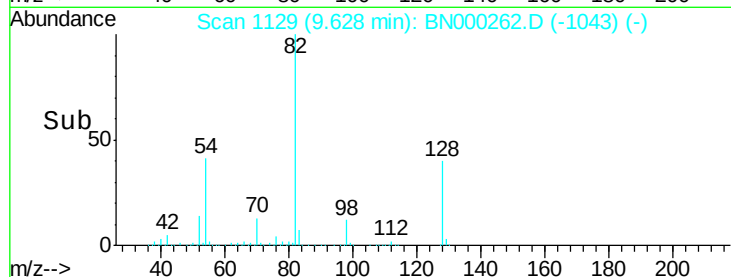
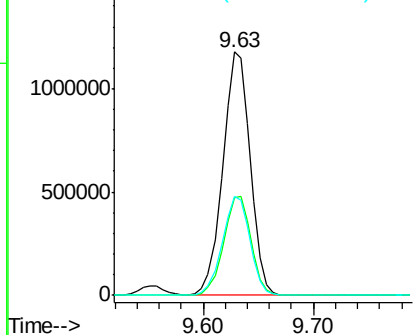
#23
Nitrobenzene-d5
Concen: 101.691 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

Instrument :
BNA_N
ClientSampleId :
PB107073BS

Tot Ion: 82 Resp: 2030321
Ion Ratio Lower Upper
82 100
128 40.3 29.7 44.5
54 40.7 43.1 64.7#

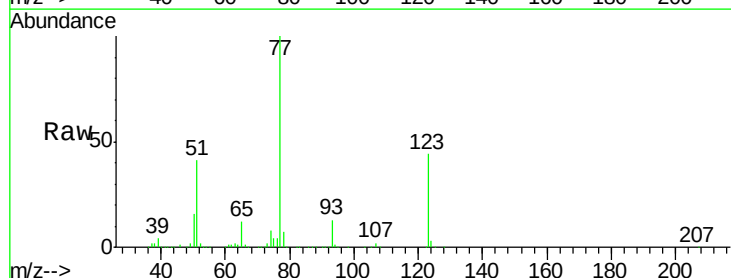


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BN0

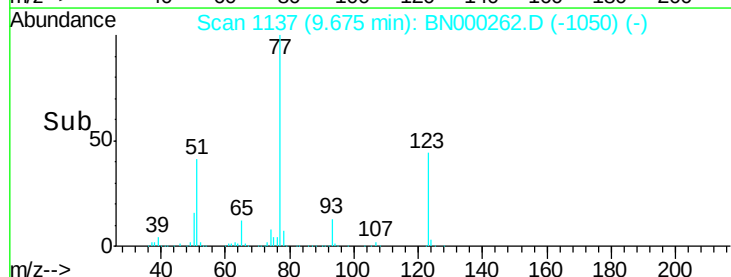
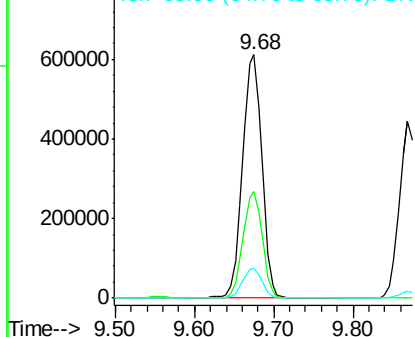


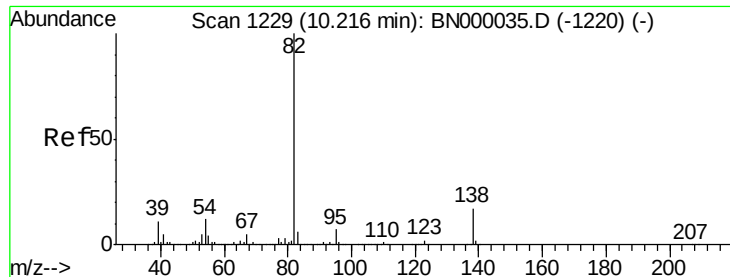
#24
Nitrobenzene
Concen: 47.179 ng
RT: 9.68 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

Tgt Ion: 77 Resp: 1029766
Ion Ratio Lower Upper
77 100
123 43.7 33.0 49.6
65 12.3 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BN0





#25

Isophorone

Concen: 47.884 ng

RT: 10.19 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

BNA_N

ClientSampleId :

PB107073BS

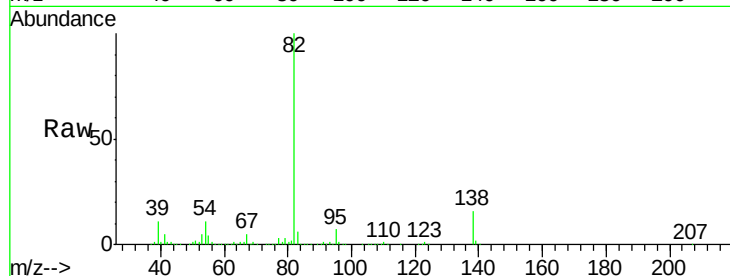
Tot Ion: 82 Resp: 1976263

Ion Ratio Lower Upper

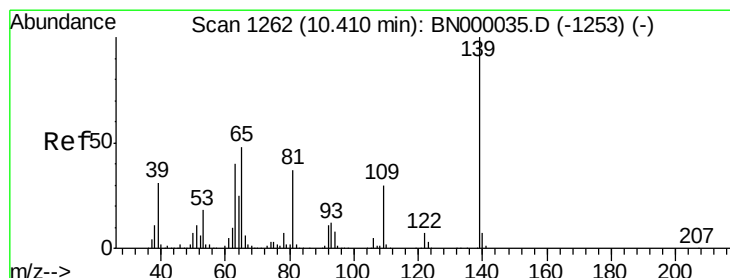
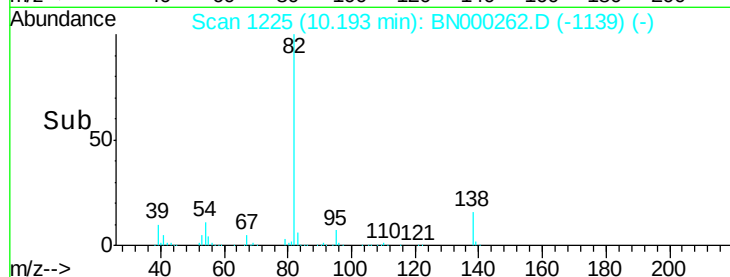
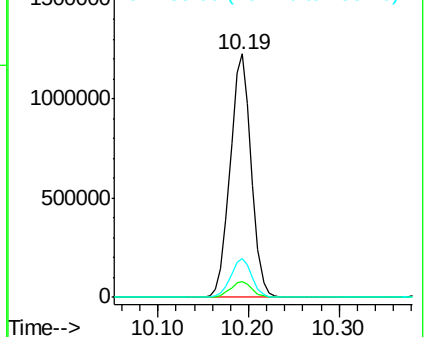
82 100

95 6.6 6.2 9.2

138 16.1 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BNO
Ion 95.00 (94.70 to 95.70): BNO
Ion 138.00 (137.70 to 138.70): BNO



#26

2-Nitrophenol

Concen: 47.248 ng

RT: 10.39 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

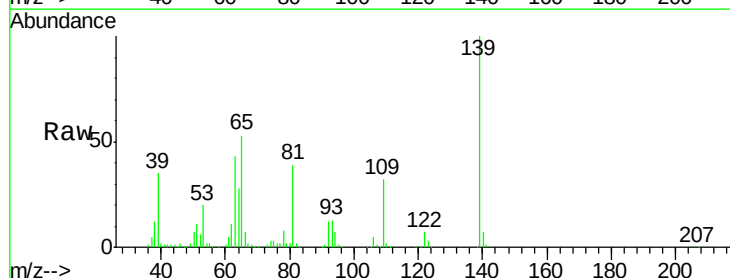
Tgt Ion: 139 Resp: 421425

Ion Ratio Lower Upper

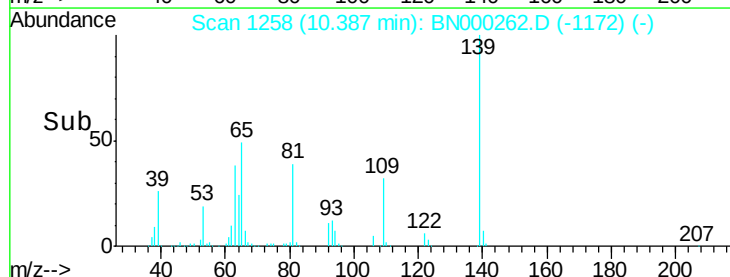
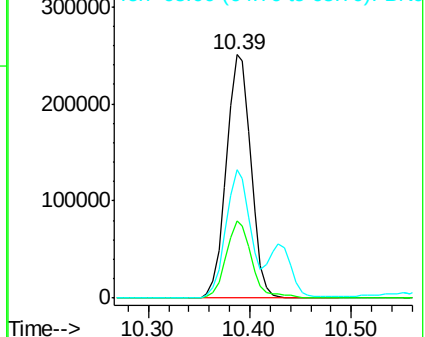
139 100

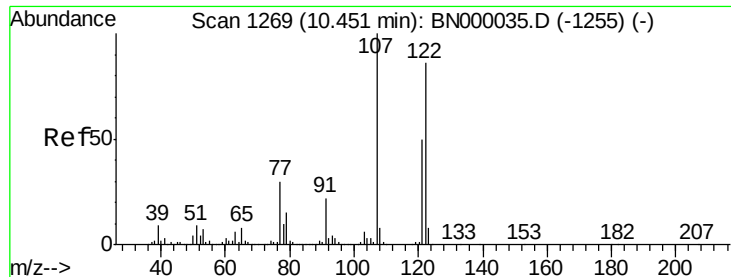
109 31.9 24.2 36.2

65 52.5 47.4 71.0



Abundance Ion 139.00 (138.70 to 139.70): BNO
Ion 109.00 (108.70 to 109.70): BNO
Ion 65.00 (64.70 to 65.70): BNO

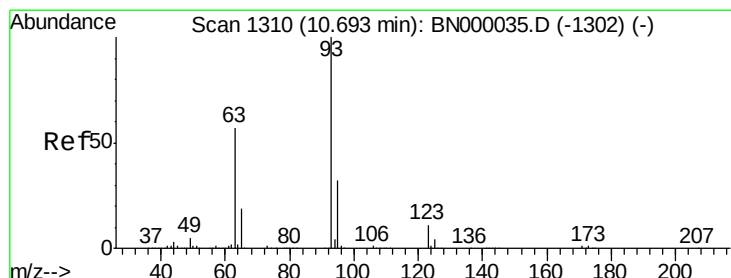
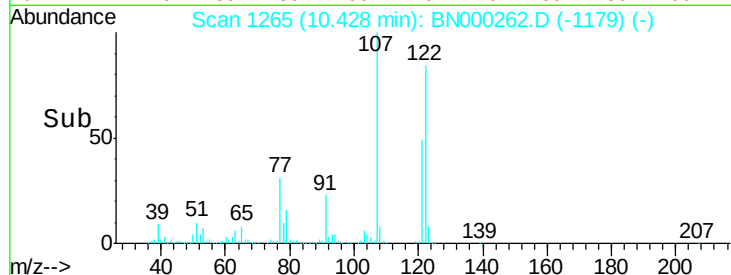
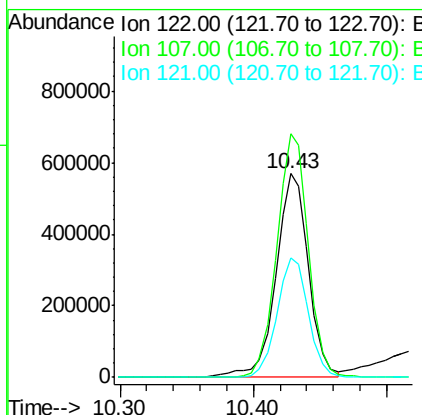
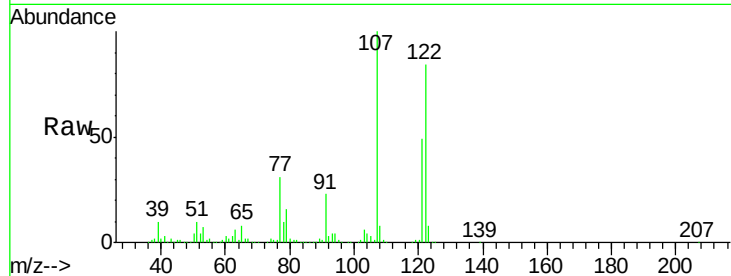




#27
 2,4-Dimethylphenol
 Concen: 53.949 ng
 RT: 10.43 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BN000262.D
 Acq: 06 Mar 2018 14:15

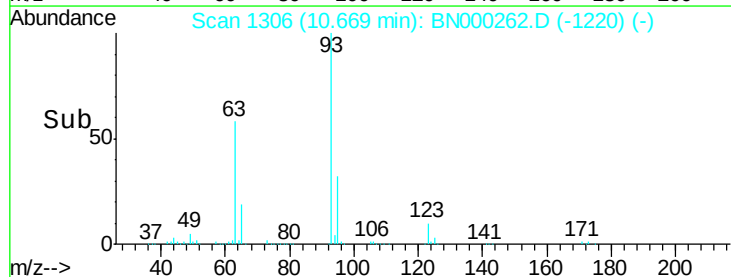
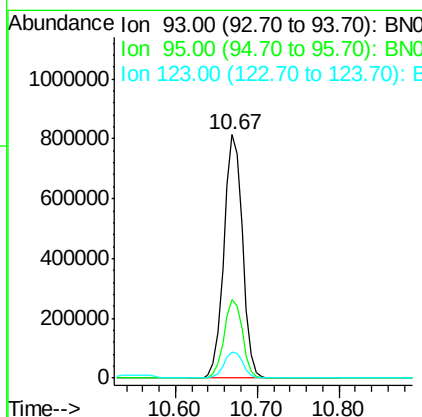
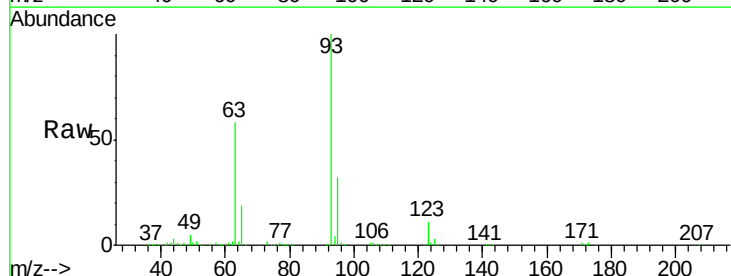
Instrument :
 BNA_N
 ClientSampleId :
 PB107073BS

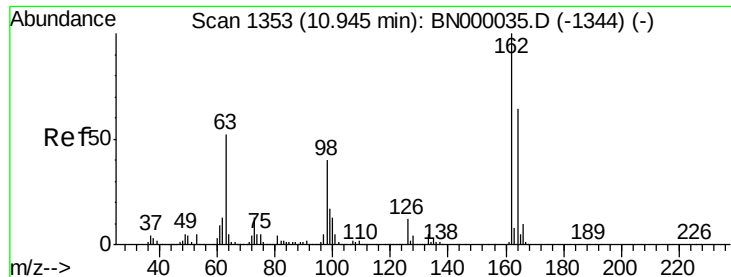
Tot Ion:122 Resp: 965292
 Ion Ratio Lower Upper
 122 100
 107 119.5 100.2 150.2
 121 58.6 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.441 ng
 RT: 10.67 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BN000262.D
 Acq: 06 Mar 2018 14:15

Tgt Ion: 93 Resp: 1282208
 Ion Ratio Lower Upper
 93 100
 95 32.0 24.3 36.5
 123 10.6 8.4 12.6

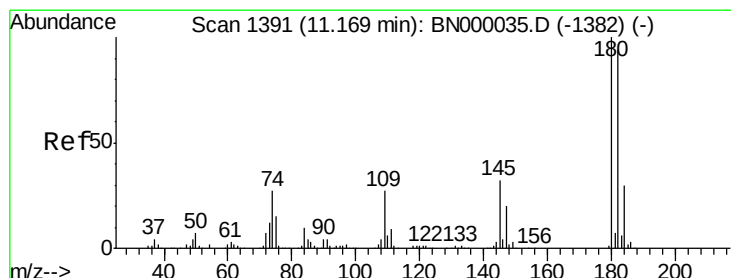
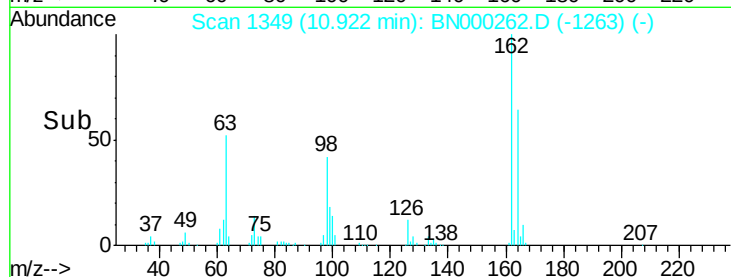
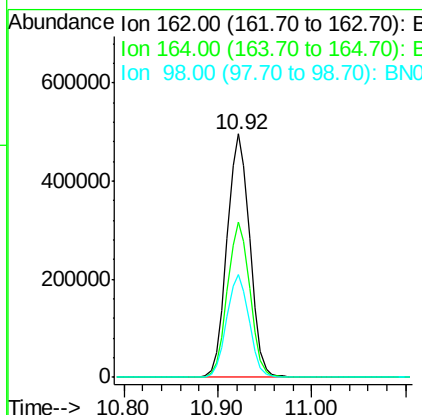
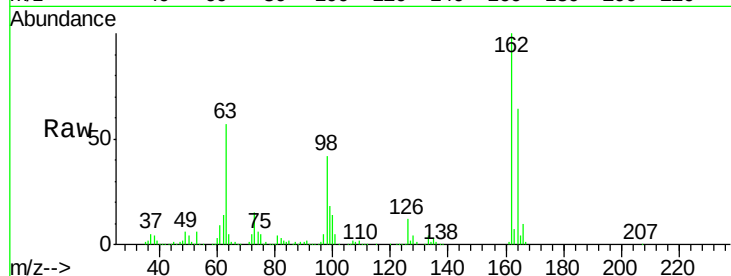




#29
2,4-Dichlorophenol
Concen: 50.299 ng
RT: 10.92 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

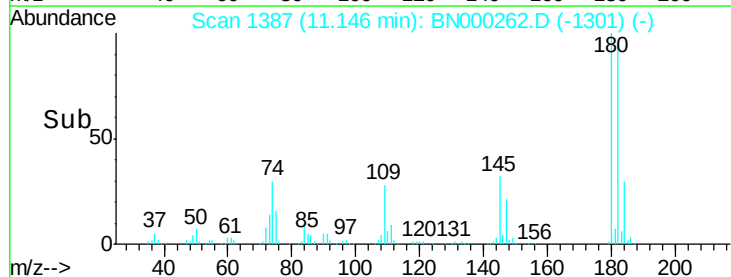
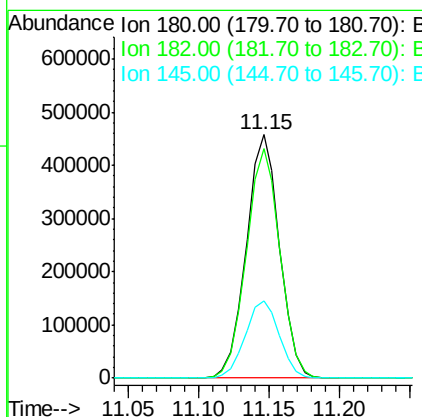
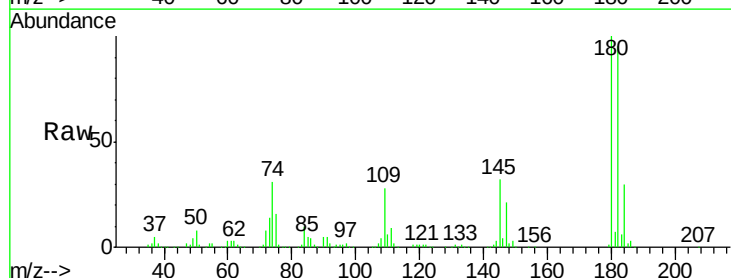
Instrument :
BNA_N
ClientSampleId :
PB107073BS

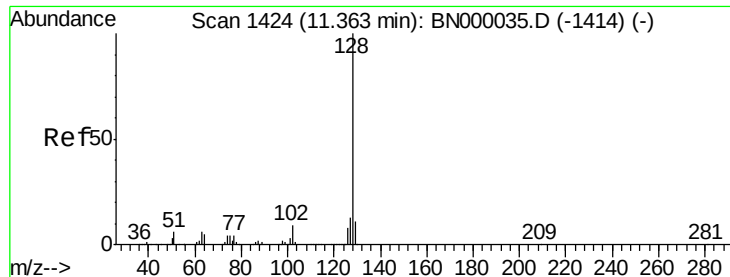
Tot Ion:162 Resp: 832889
Ion Ratio Lower Upper
162 100
164 63.6 48.0 88.0
98 42.2 21.1 61.1



#30
1,2,4-Trichlorobenzene
Concen: 39.529 ng
RT: 11.15 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

Tgt Ion:180 Resp: 753783
Ion Ratio Lower Upper
180 100
182 94.5 77.5 116.3
145 31.7 23.4 35.2

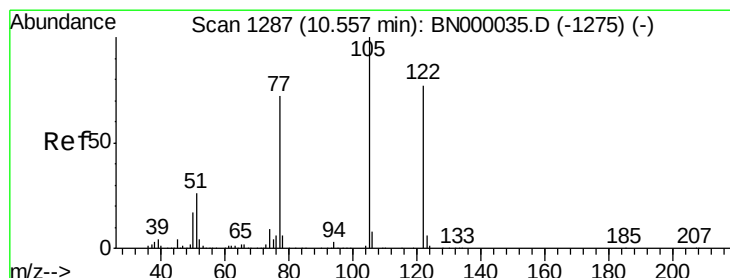
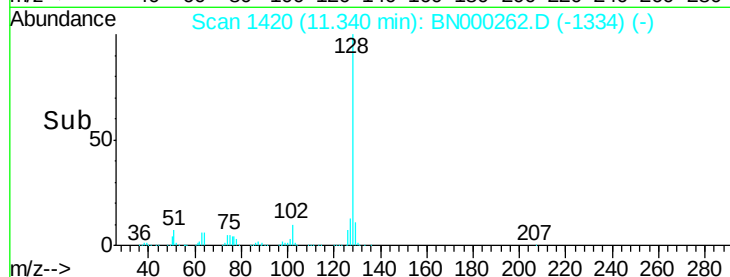
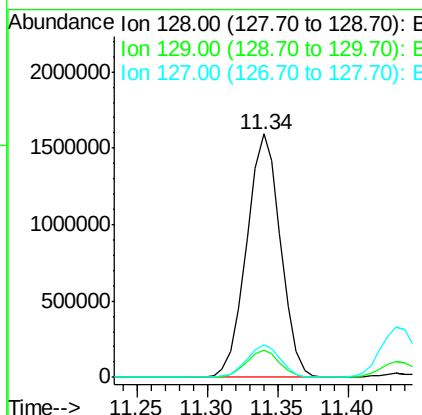
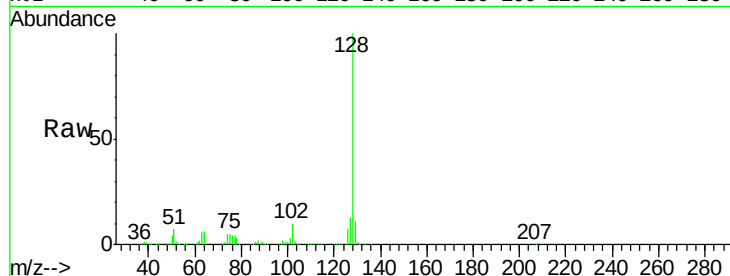




#31
Naphthalene
Concen: 41.242 ng
RT: 11.34 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

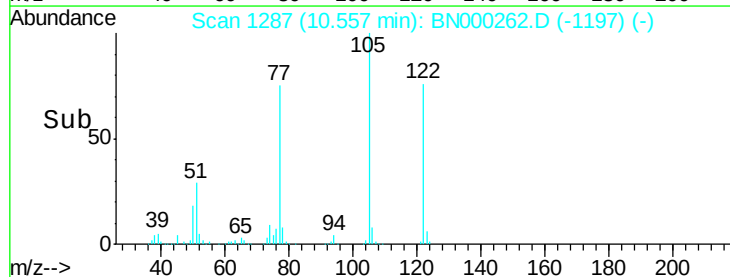
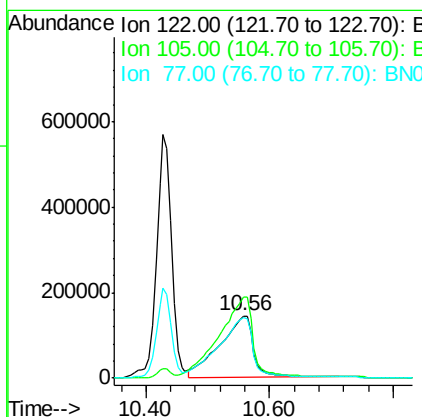
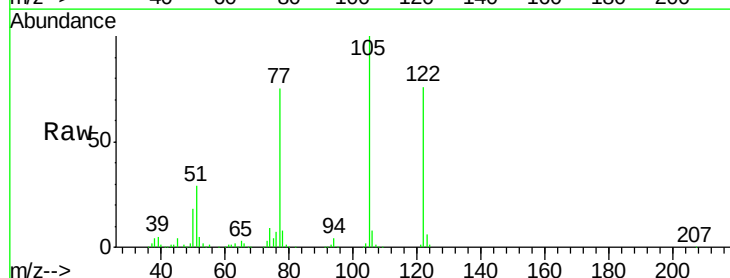
Instrument :
BNA_N
ClientSampleId :
PB107073BS

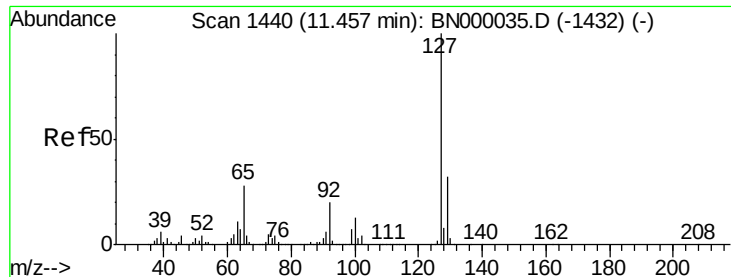
Tot Ion:128 Resp: 2683967
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.3 11.6 17.4



#32
Benzoic acid
Concen: 42.616 ng
RT: 10.56 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

Tgt Ion:122 Resp: 546031
Ion Ratio Lower Upper
122 100
105 131.4 123.5 163.5
77 98.4 85.7 125.7

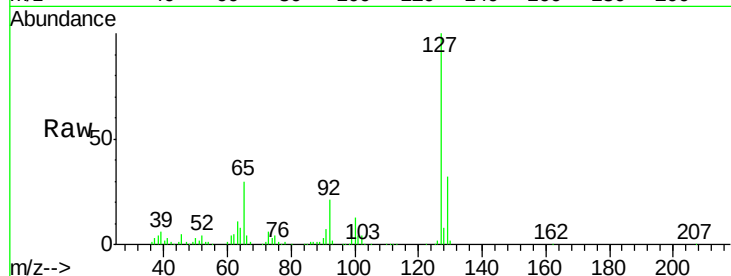




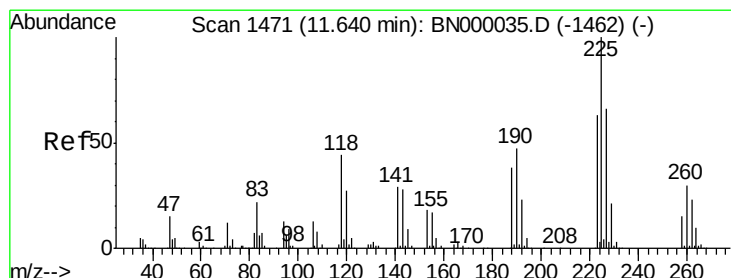
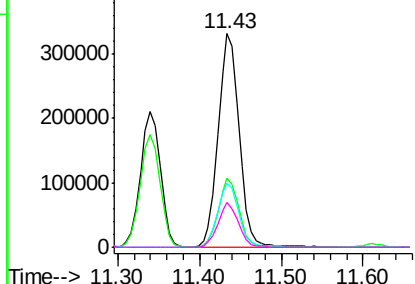
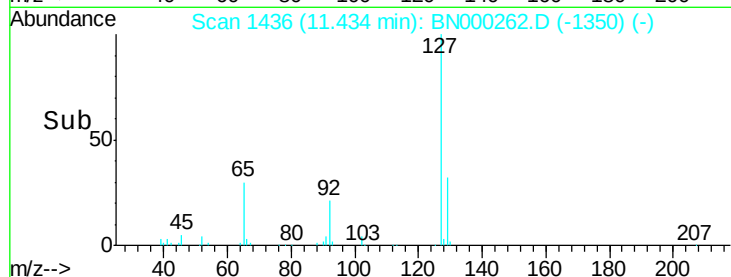
#33
4-Chloroaniline
Concen: 20.829 ng
RT: 11.43 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

Instrument :
BNA_N
ClientSampleId :
PB107073BS

Tot Ion:	127	Resp:	595472
Ion	Ratio	Lower	Upper
127	100		
129	32.3	24.0	36.0
65	30.2	27.0	40.4
92	21.1	16.6	25.0

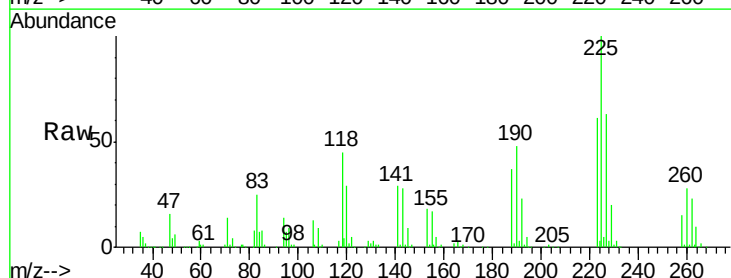


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

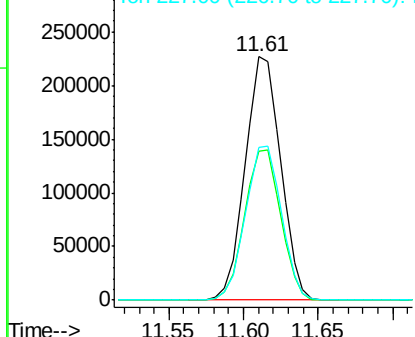
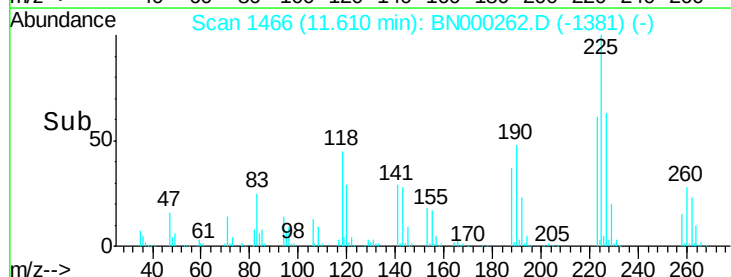


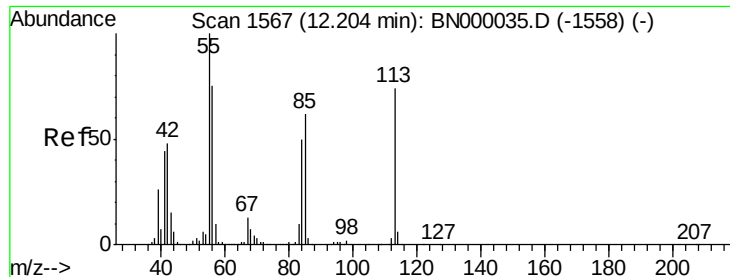
#34
Hexachlorobutadiene
Concen: 37.728 ng
RT: 11.61 min Scan# 1466
Delta R.T. -0.03 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

Tgt Ion:	225	Resp:	373063
Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.7	74.5
227	62.9	48.1	72.1



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





#35

Caprolactam

Concen: 43.045 ng

RT: 12.20 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

BNA_N

ClientSampleId :

PB107073BS

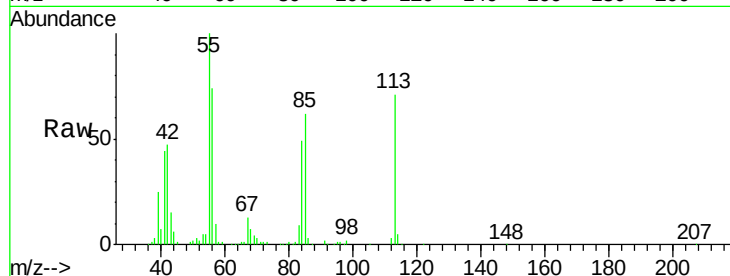
Tot Ion:113 Resp: 308278

Ion Ratio Lower Upper

113 100

55 141.5 120.0 160.0

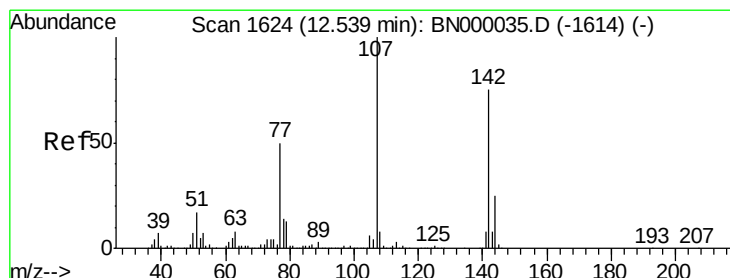
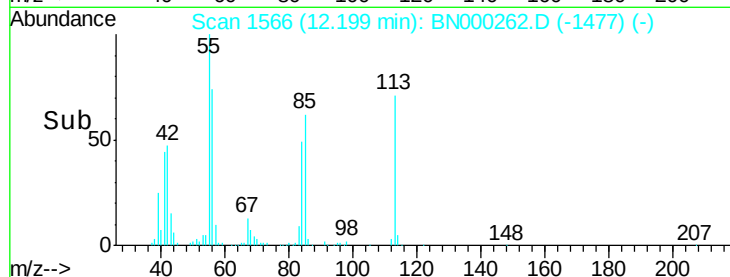
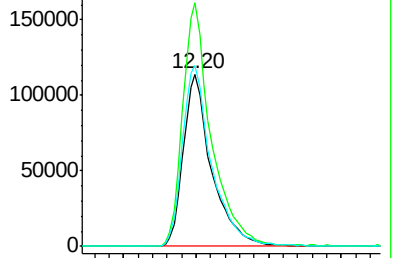
56 105.0 90.0 130.0



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: 48.996 ng

RT: 12.53 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

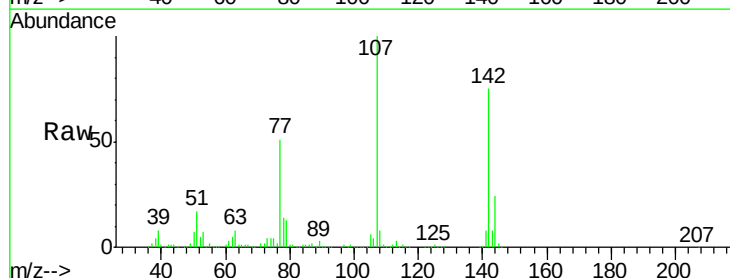
Tgt Ion:107 Resp: 1030036

Ion Ratio Lower Upper

107 100

144 24.0 18.2 27.4

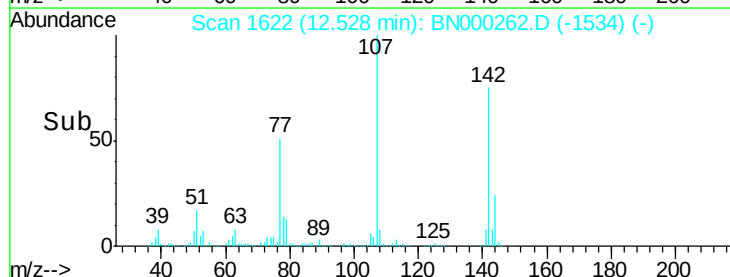
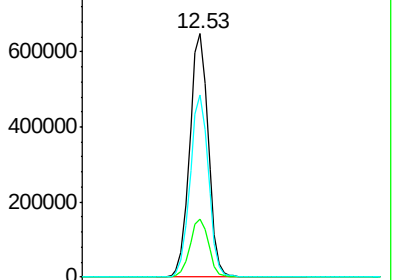
142 74.8 59.0 88.4

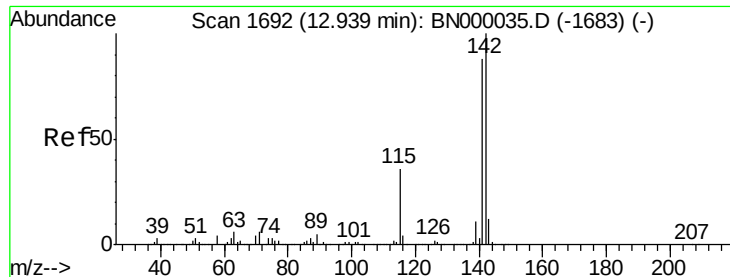


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

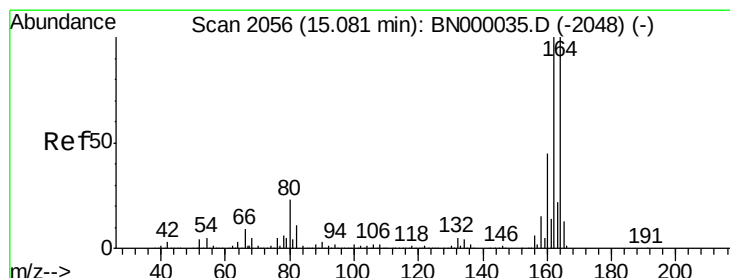
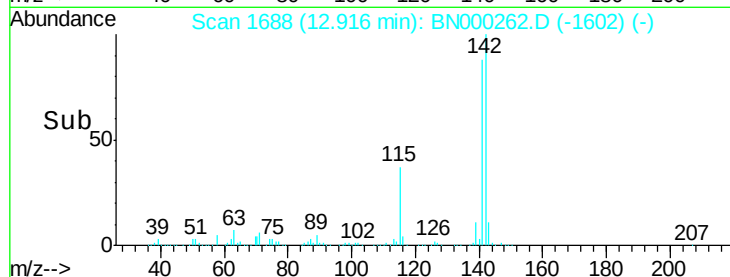
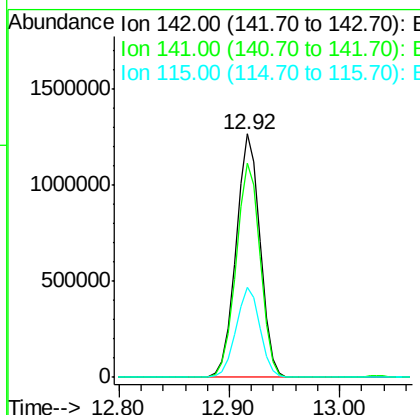
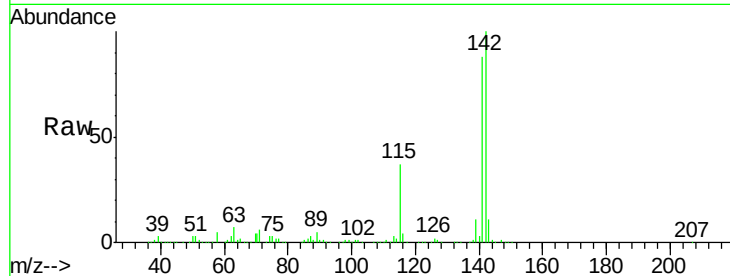




#37
2-Methylnaphthalene
Concen: 42.644 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

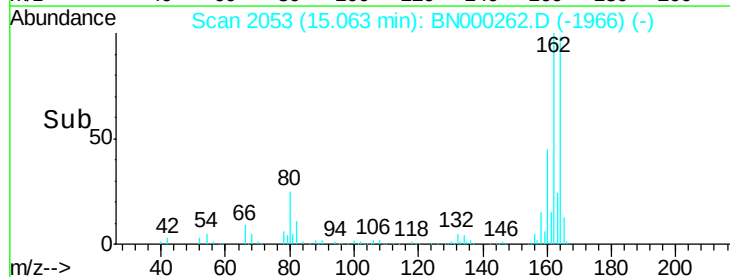
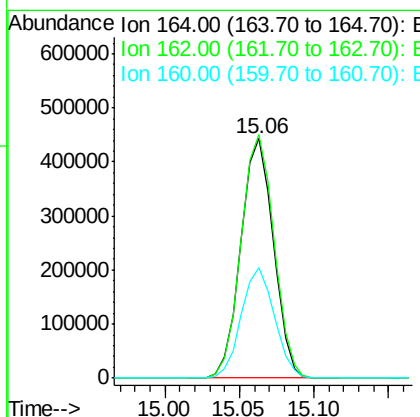
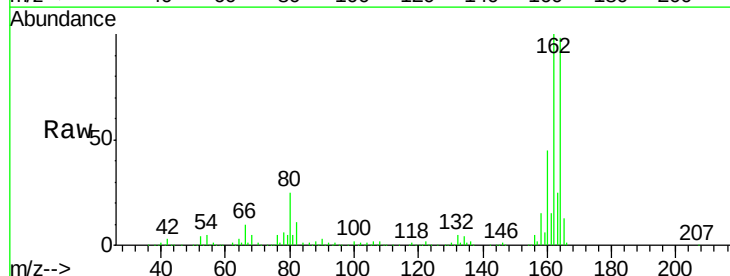
Instrument :
BNA_N
ClientSampleId :
PB107073BS

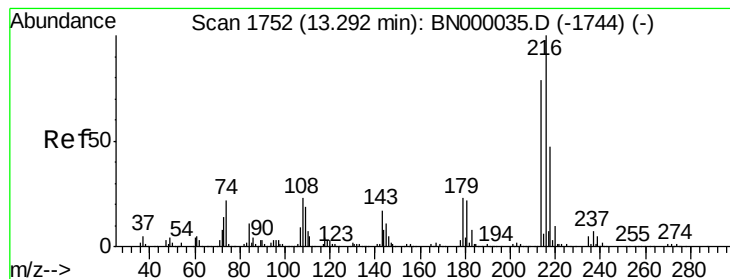
Tot Ion:142 Resp: 1930989
Ion Ratio Lower Upper
142 100
141 88.1 67.1 100.7
115 37.2 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.06 min Scan# 2053
Delta R.T. -0.02 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

Tgt Ion:164 Resp: 669371
Ion Ratio Lower Upper
164 100
162 101.6 78.8 118.2
160 45.9 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.909 ng

RT: 13.27 min Scan# 1749

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

BNA_N

ClientSampleId :

PB107073BS

Tot Ion:216 Resp: 808261

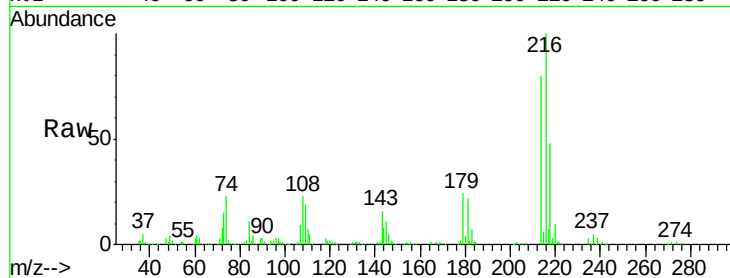
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 23.3 17.0 25.6

108 27.4 12.8 19.2#

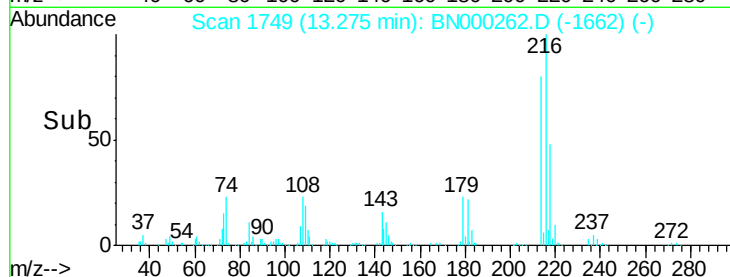


Abundance Ion 216.00 (215.70 to 216.70): E

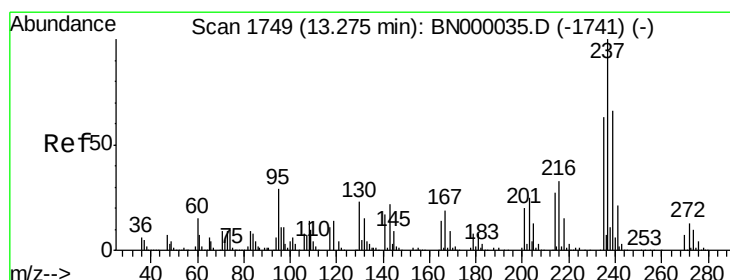
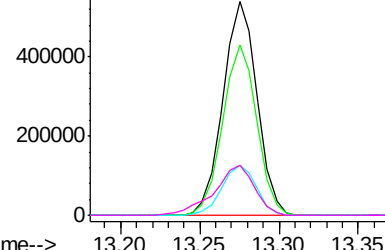
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 92.309 ng

RT: 13.25 min Scan# 1745

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

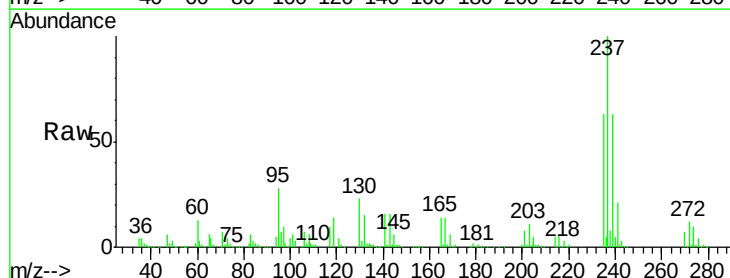
Tgt Ion:237 Resp: 760255

Ion Ratio Lower Upper

237 100

235 62.8 50.4 90.4

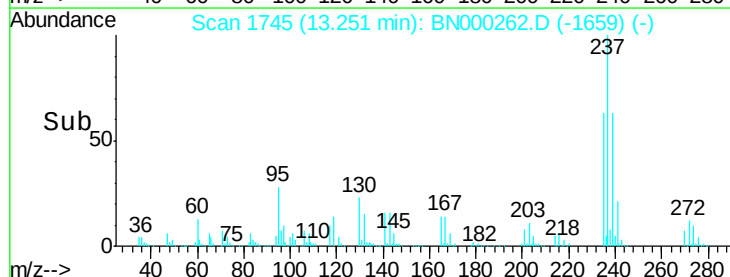
272 12.1 0.0 31.8



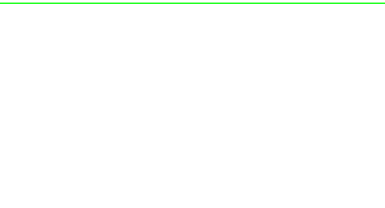
Abundance Ion 236.80 (236.50 to 237.50): E

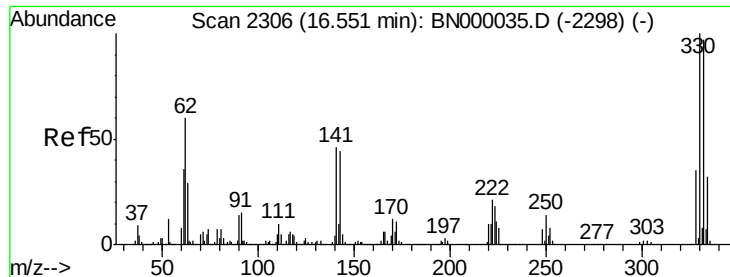
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

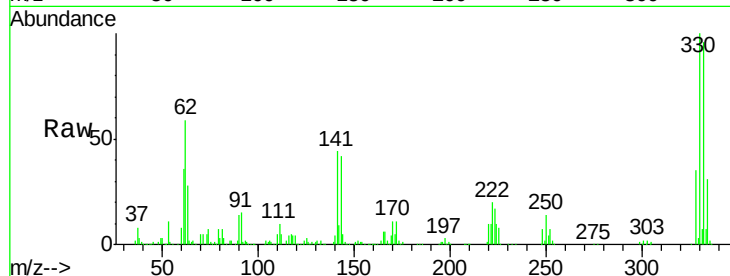




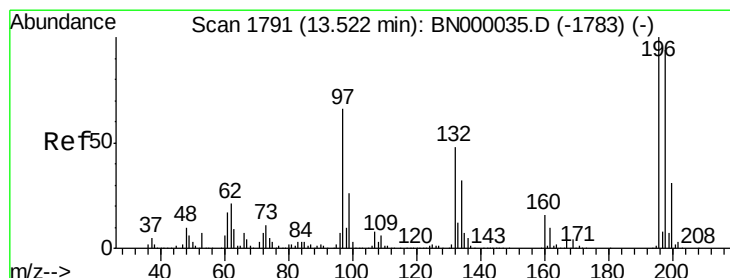
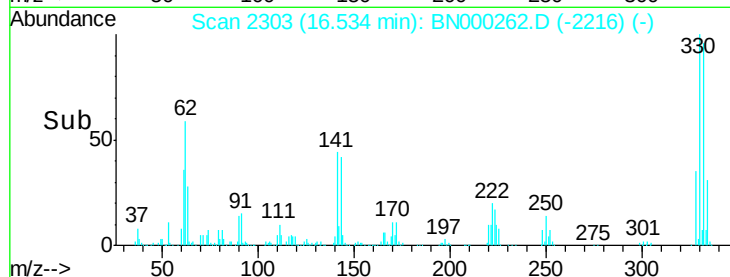
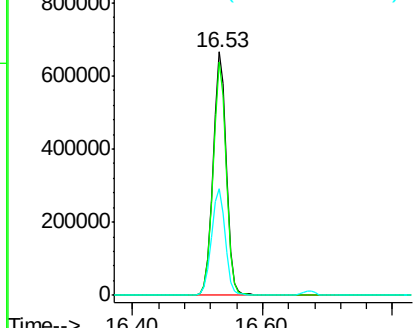
#41
 2,4,6-Tribromophenol
 Concen: 141.623 ng
 RT: 16.53 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: BN000262.D
 Acq: 06 Mar 2018 14:15

Instrument :
 BNA_N
 ClientSampleId :
 PB107073BS

Tot Ion:330 Resp: 938358
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 45.4 25.2 37.8#

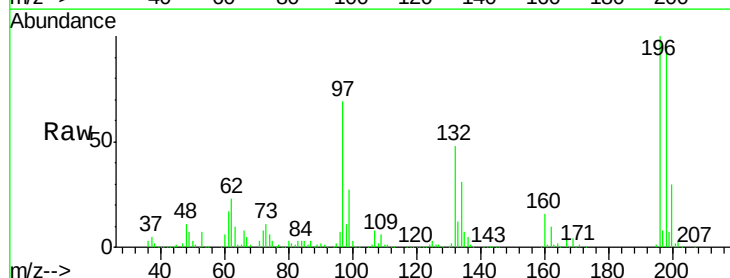


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

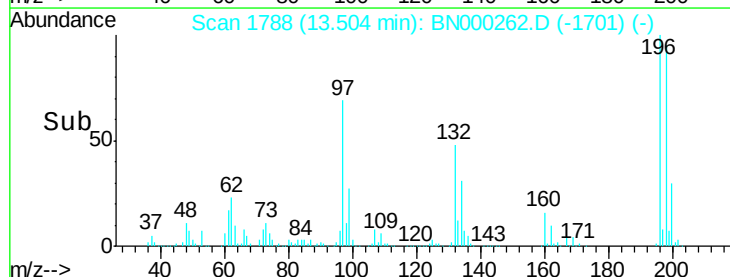
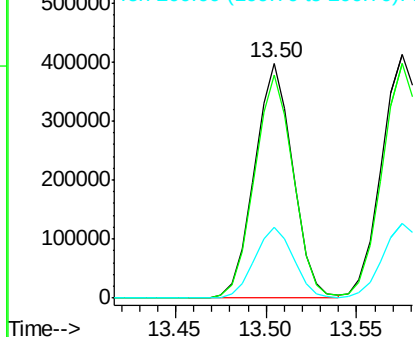


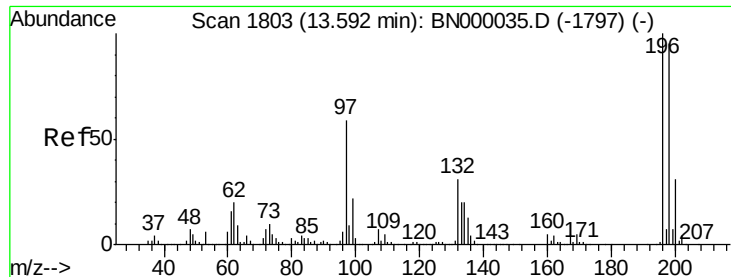
#42
 2,4,6-Trichlorophenol
 Concen: 49.272 ng
 RT: 13.50 min Scan# 1788
 Delta R.T. -0.02 min
 Lab File: BN000262.D
 Acq: 06 Mar 2018 14:15

Tgt Ion:196 Resp: 583459
 Ion Ratio Lower Upper
 196 100
 198 94.9 78.2 117.2
 200 30.0 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

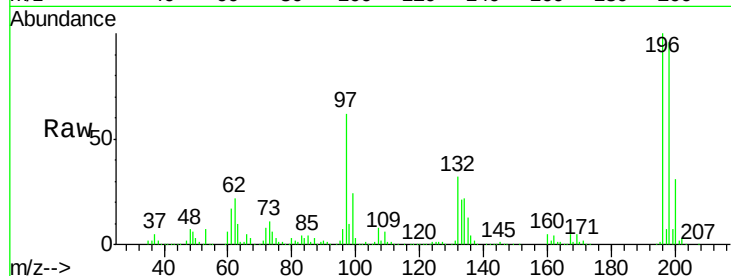




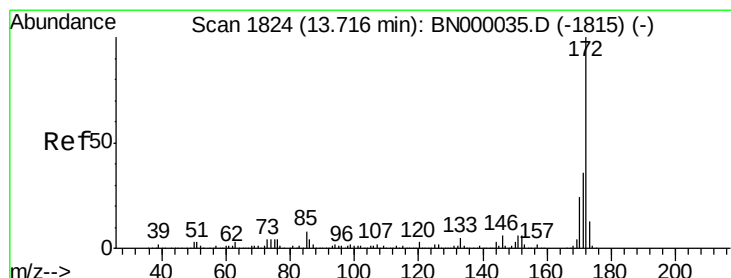
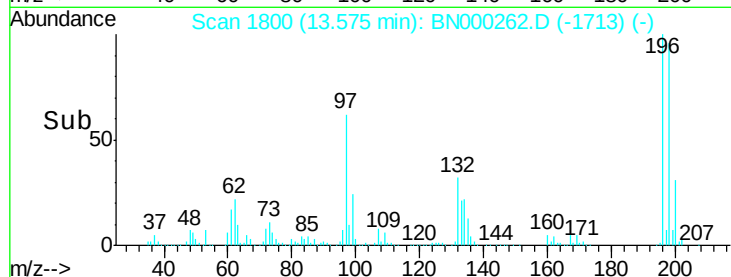
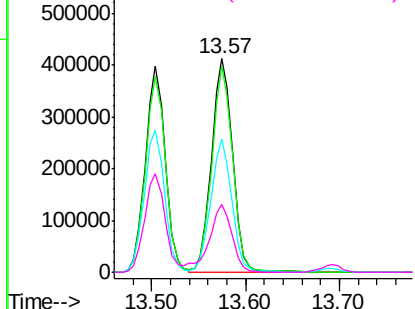
#43
 2,4,5-Trichlorophenol
 Concen: 45.607 ng
 RT: 13.57 min Scan# 1800
 Delta R.T. -0.02 min
 Lab File: BN000262.D
 Acq: 06 Mar 2018 14:15

Instrument :
 BNA_N
 ClientSampleId :
 PB107073BS

Tot Ion:196 Resp: 649241
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.2 114.4
 97 62.2 38.7 58.1#
 132 32.0 20.2 30.2#

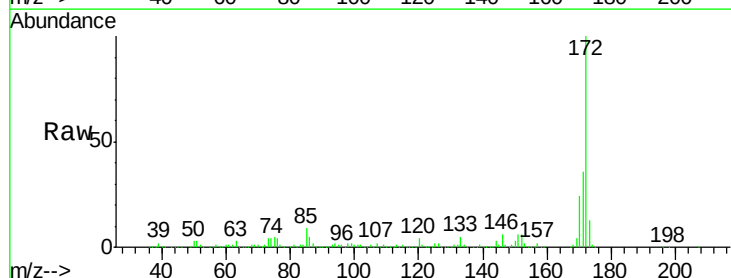


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BNC
 Ion 132.00 (131.70 to 132.70): E

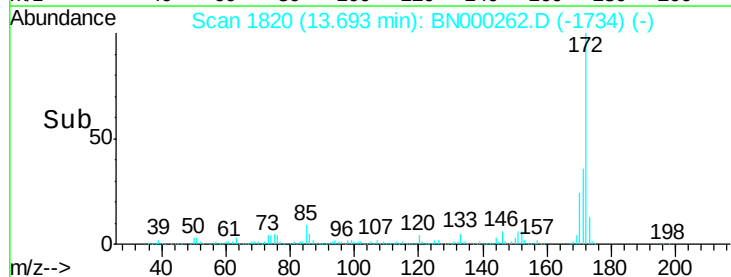
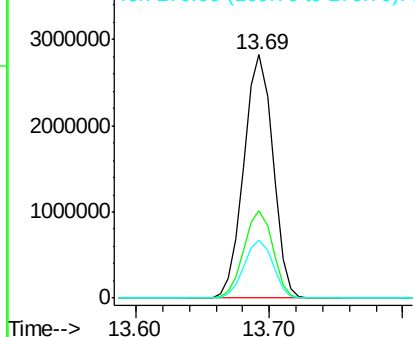


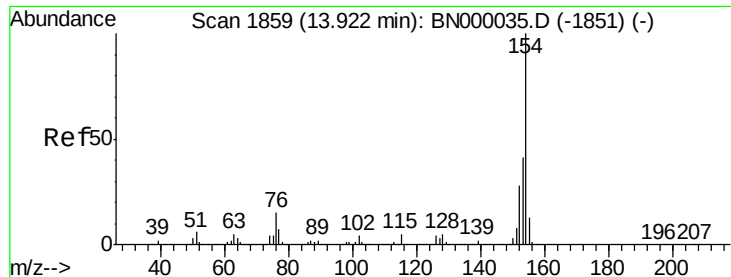
#44
 2-Fluorobiphenyl
 Concen: 89.289 ng
 RT: 13.69 min Scan# 1820
 Delta R.T. -0.02 min
 Lab File: BN000262.D
 Acq: 06 Mar 2018 14:15

Tgt Ion:172 Resp: 4240582
 Ion Ratio Lower Upper
 172 100
 171 35.8 30.0 45.0
 170 23.8 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: 41.691 ng

RT: 13.90 min Scan# 1856

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

BNA_N

ClientSampleId :

PB107073BS

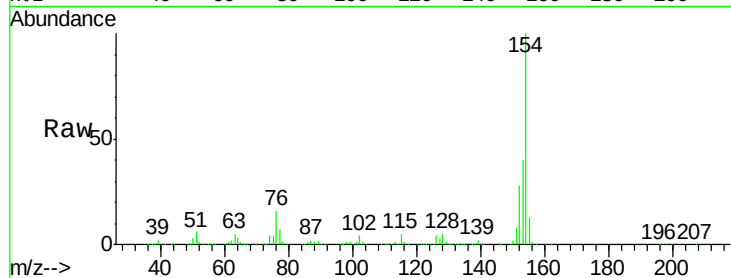
Tot Ion:154 Resp: 2457839

Ion Ratio Lower Upper

154 100

153 40.3 19.8 59.8

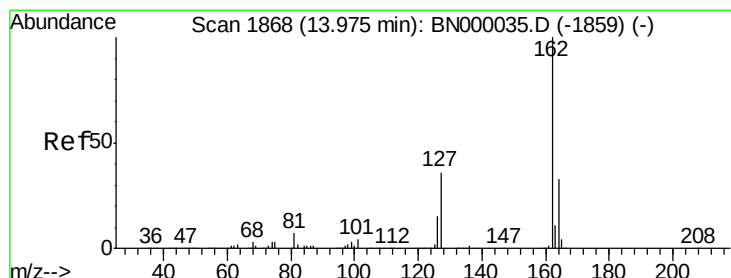
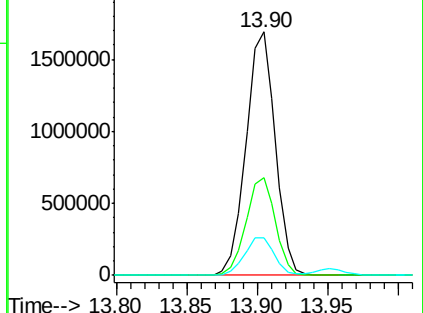
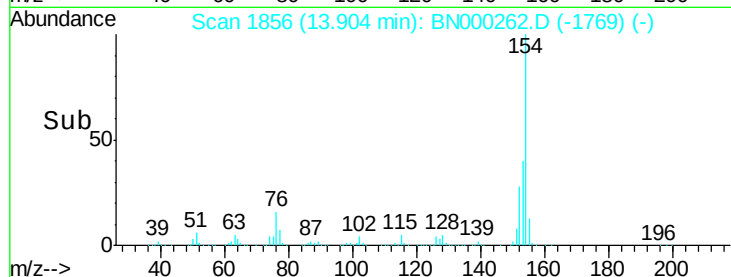
76 15.6 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#46

2-Chloronaphthalene

Concen: 42.141 ng

RT: 13.95 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

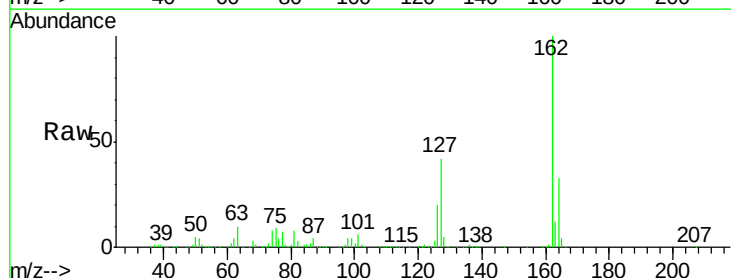
Tgt Ion:162 Resp: 1864067

Ion Ratio Lower Upper

162 100

127 42.0 30.7 46.1

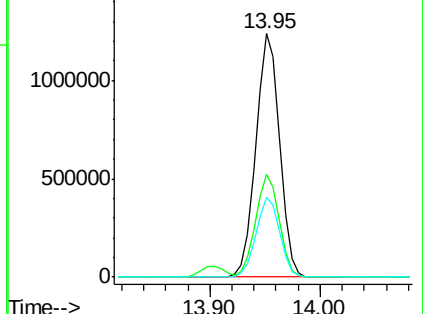
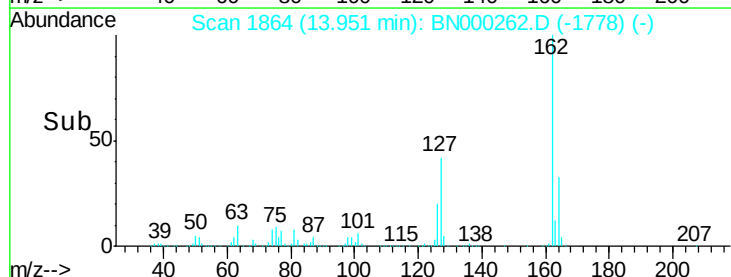
164 33.0 26.0 39.0

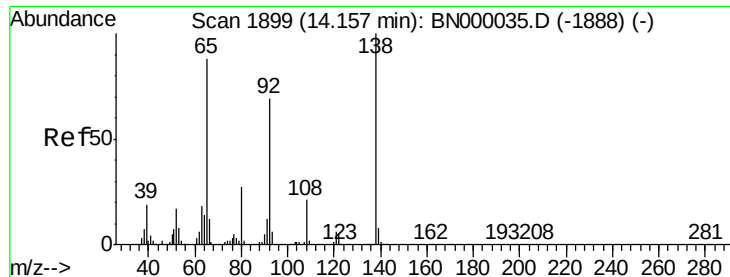


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.358 ng

RT: 14.15 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

BNA_N

ClientSampleId :

PB107073BS

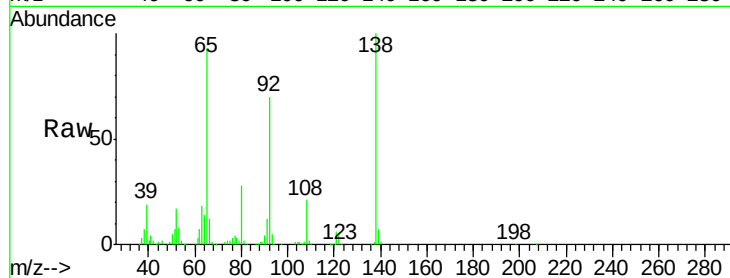
Tot Ion: 65 Resp: 627937

Ion Ratio Lower Upper

65 100

92 75.3 54.6 82.0

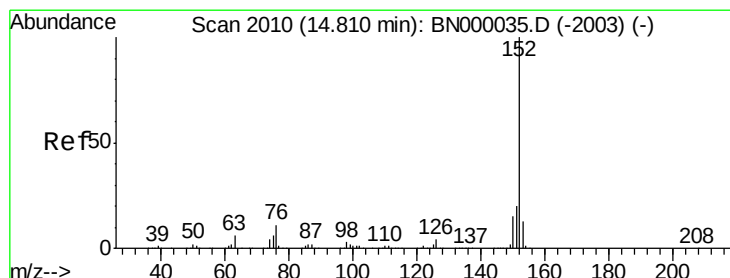
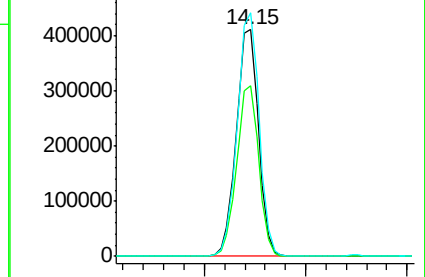
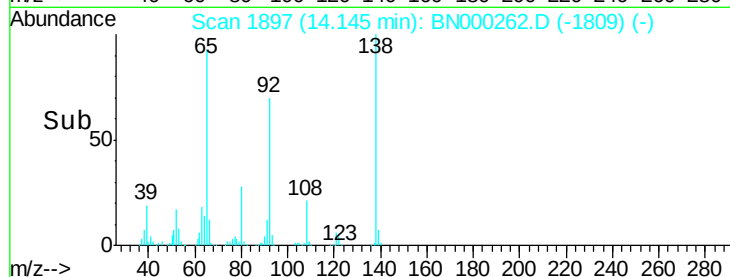
138 107.4 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BN000035.D (-1888) (-)

Ion 92.00 (91.70 to 92.70): BN000035.D (-1888) (-)

Ion 138.00 (137.70 to 138.70): BN000035.D (-1888) (-)



#48

Acenaphthylene

Concen: 42.905 ng

RT: 14.79 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

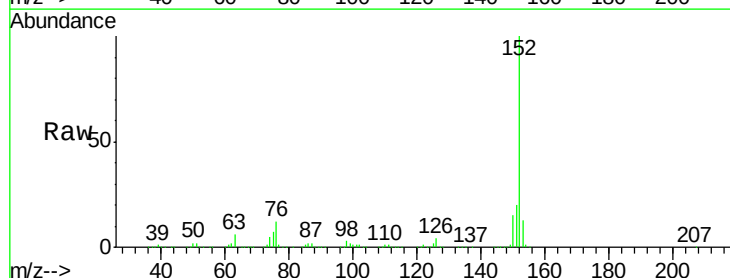
Tgt Ion: 152 Resp: 3057681

Ion Ratio Lower Upper

152 100

151 20.3 17.2 25.8

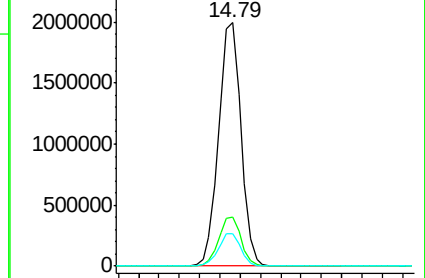
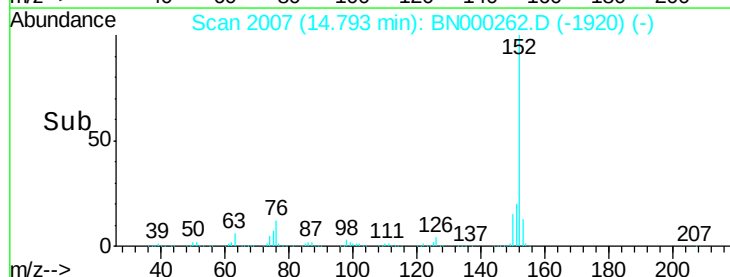
153 13.3 10.2 15.4

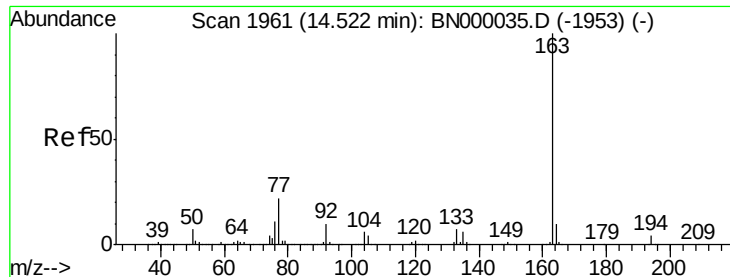


Abundance Ion 152.00 (151.70 to 152.70): BN000035.D (-2003) (-)

Ion 151.00 (150.70 to 151.70): BN000035.D (-2003) (-)

Ion 153.00 (152.70 to 153.70): BN000035.D (-2003) (-)





#49

Dimethylphthalate

Concen: 42.012 ng

RT: 14.50 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

BNA_N

ClientSampleId :

PB107073BS

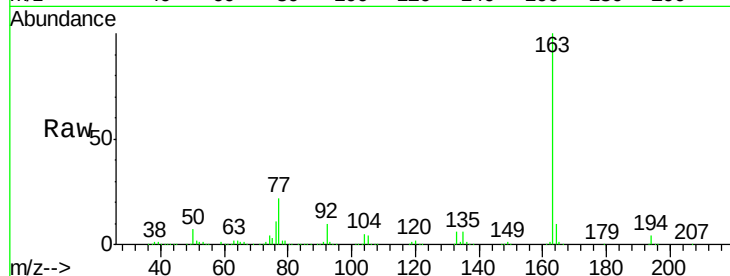
Tot Ion:163 Resp: 2350795

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

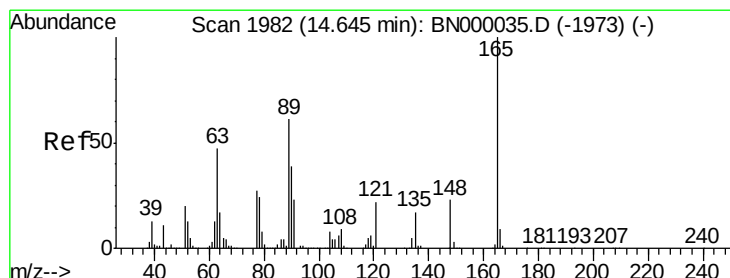
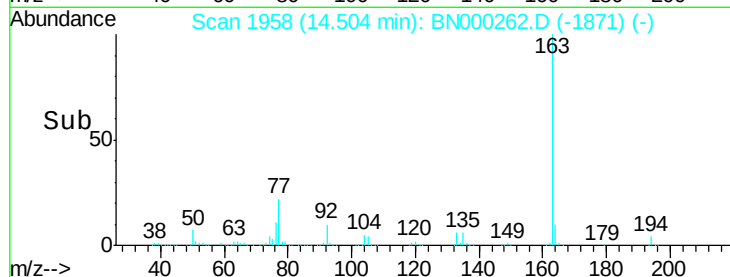
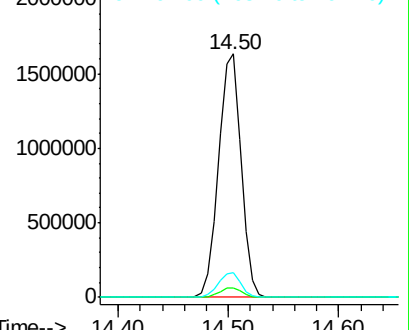
164 10.0 8.2 12.4



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: 44.729 ng

RT: 14.63 min Scan# 1979

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

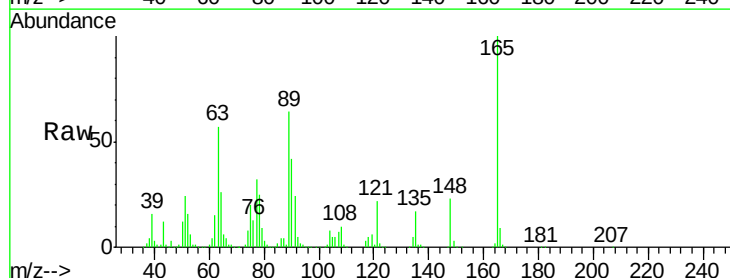
Tgt Ion:165 Resp: 516680

Ion Ratio Lower Upper

165 100

63 57.5 52.7 79.1

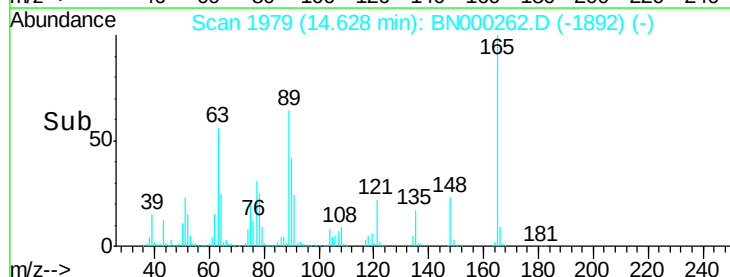
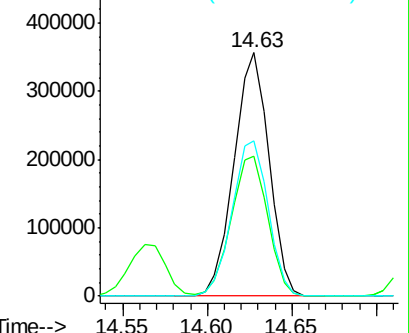
89 63.6 49.2 73.8

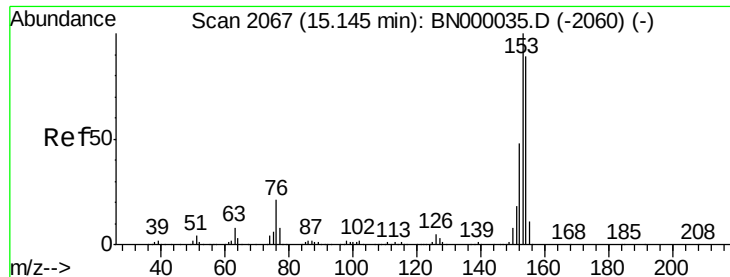


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 44.500 ng

RT: 15.13 min Scan# 2064

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

BNA_N

ClientSampleId :

PB107073BS

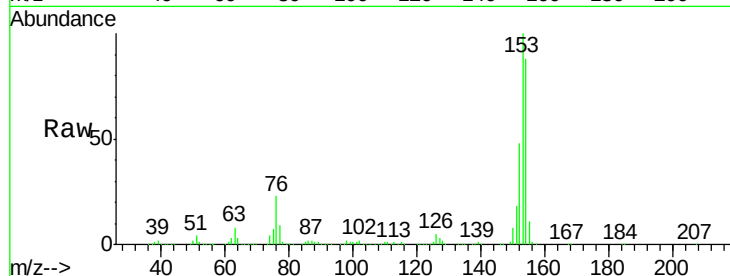
Tot Ion:154 Resp: 2064368

Ion Ratio Lower Upper

154 100

153 113.6 90.4 135.6

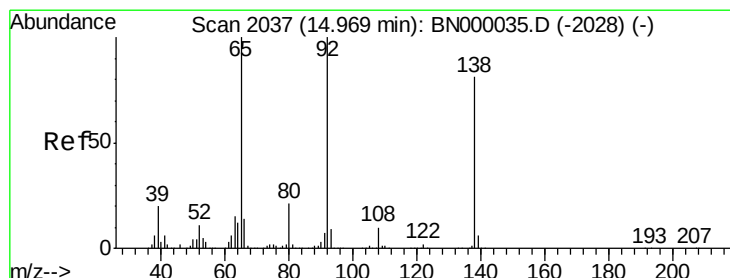
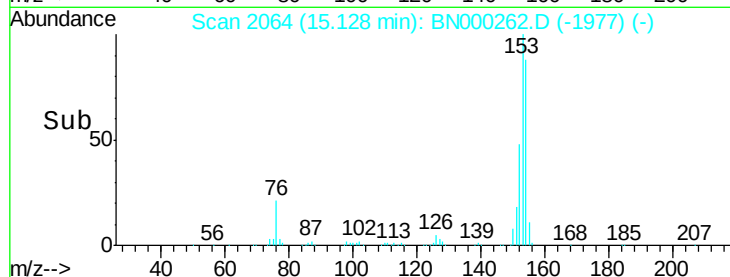
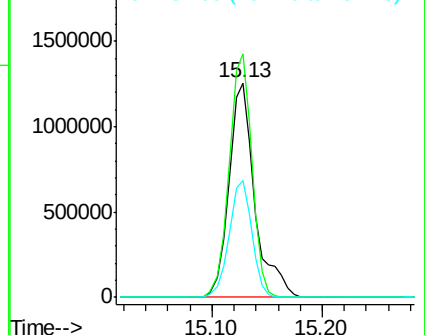
152 54.6 41.6 62.4



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: 26.421 ng

RT: 14.95 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

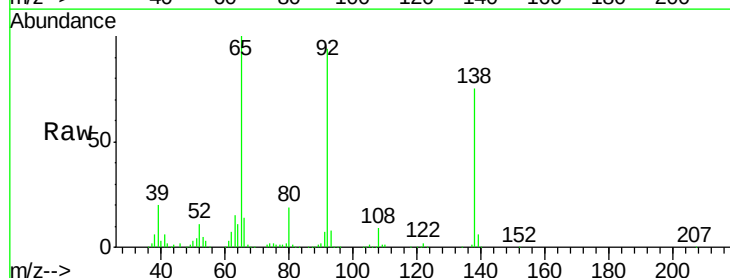
Tgt Ion:138 Resp: 370990

Ion Ratio Lower Upper

138 100

108 11.4 17.5 26.3#

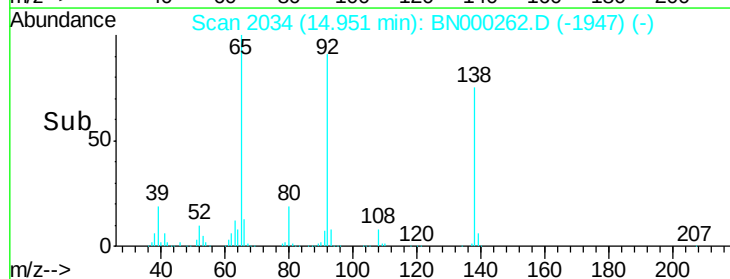
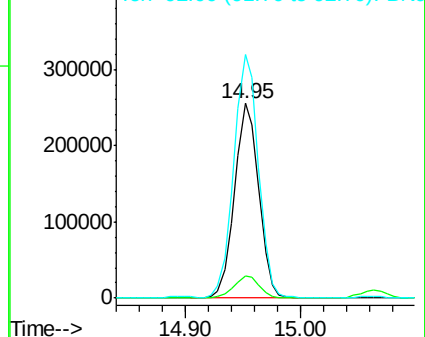
92 124.9 105.8 158.8

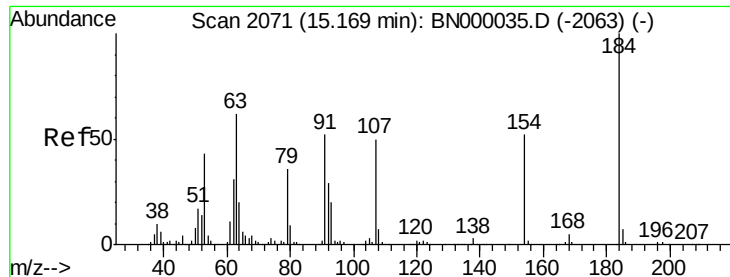


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

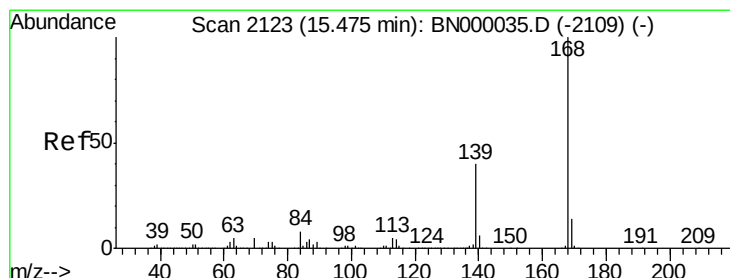
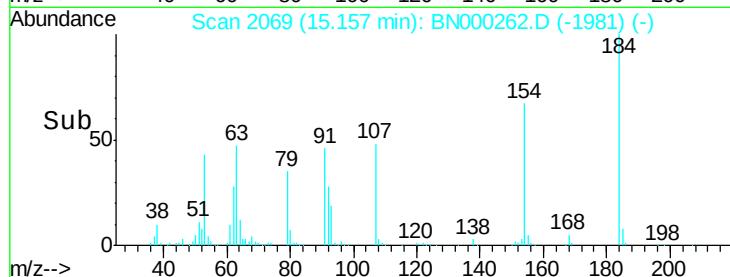
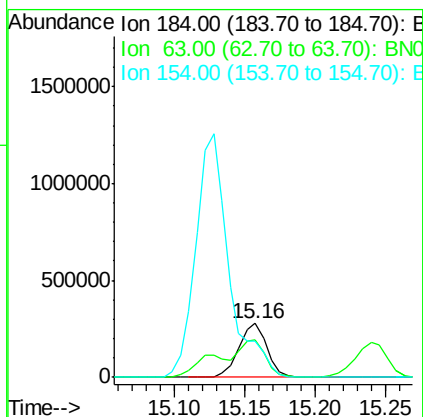
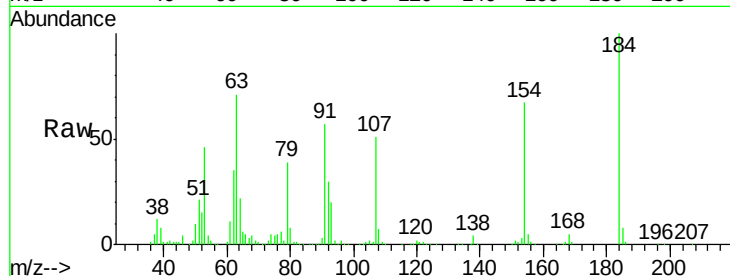




#53
2,4-Dinitrophenol
Concen: 92.341 ng
RT: 15.16 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

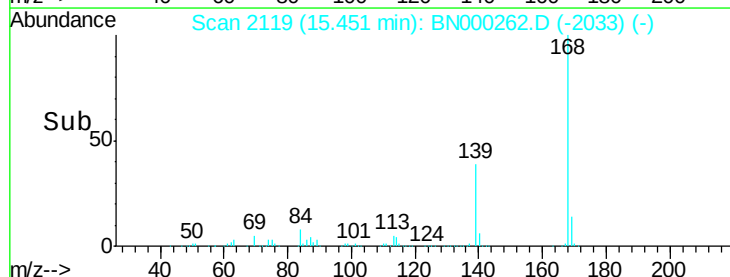
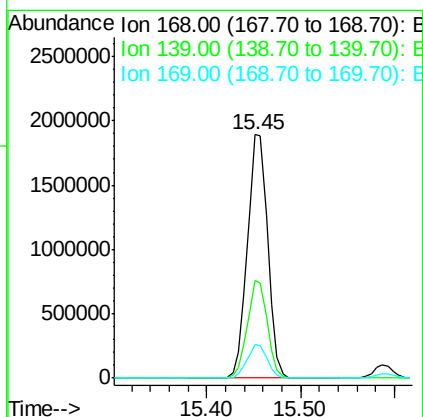
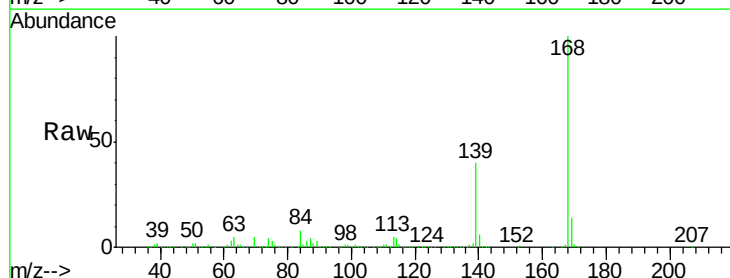
Instrument :
BNA_N
ClientSampleId :
PB107073BS

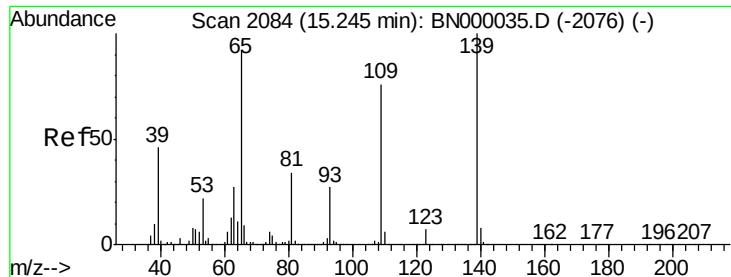
Tot Ion:184 Resp: 384918
Ion Ratio Lower Upper
184 100
63 71.0 80.0 120.0#
154 67.0 308.0 462.0#



#54
Dibenzofuran
Concen: 43.100 ng
RT: 15.45 min Scan# 2119
Delta R.T. -0.02 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

Tgt Ion:168 Resp: 2831646
Ion Ratio Lower Upper
168 100
139 40.0 28.6 43.0
169 13.7 11.2 16.8

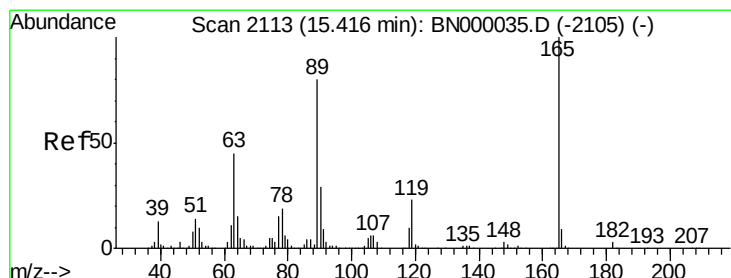
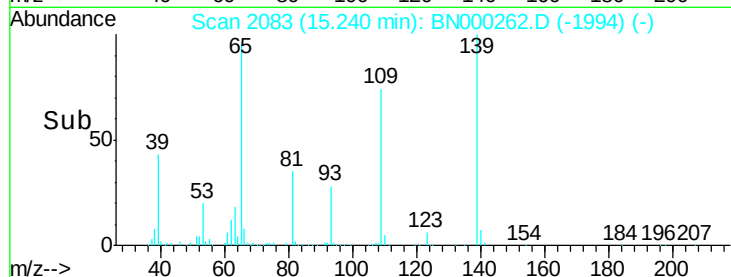
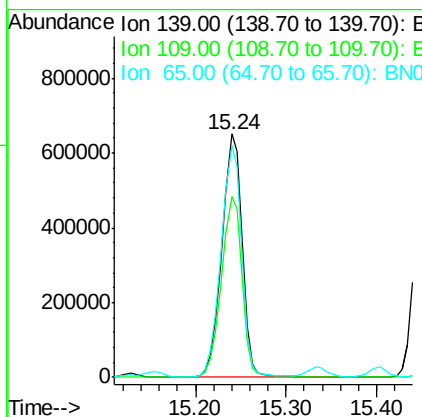
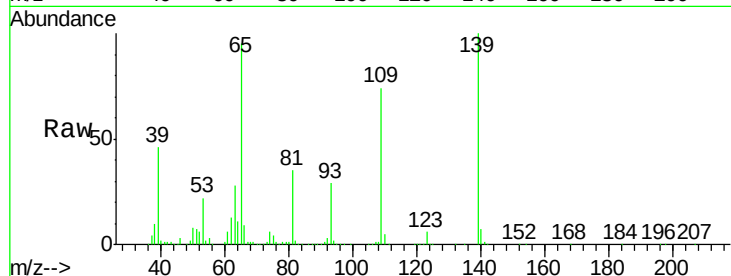




#55
4-Nitrophenol
Concen: 87.660 ng
RT: 15.24 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

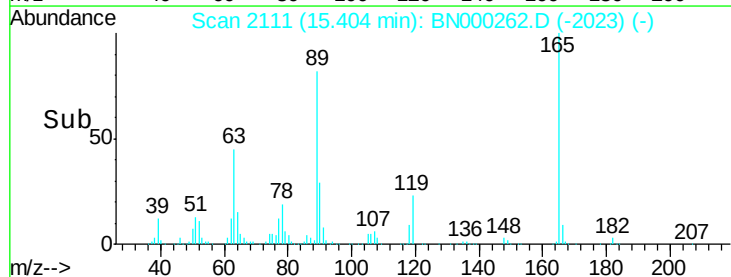
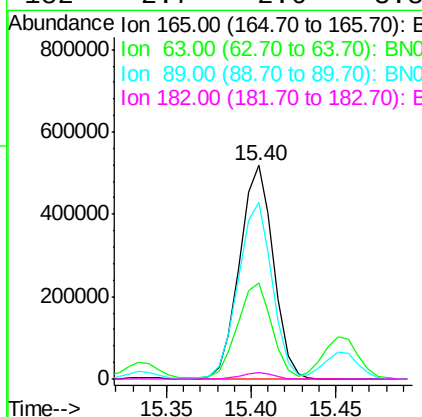
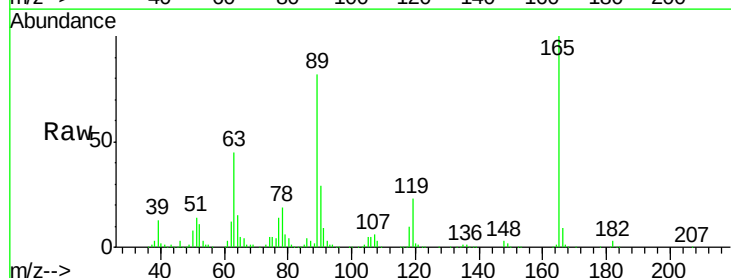
Instrument :
BNA_N
ClientSampleId :
PB107073BS

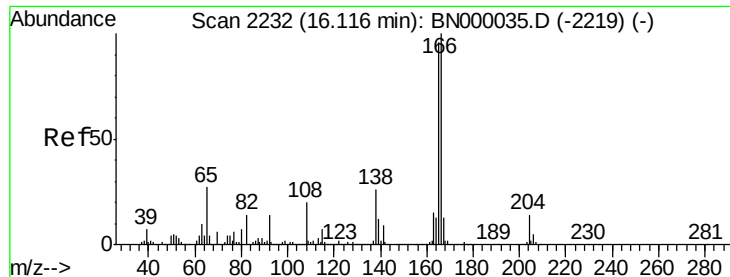
Tot Ion:139 Resp: 1014528
Ion Ratio Lower Upper
139 100
109 74.4 62.2 102.2
65 95.3 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 44.071 ng
RT: 15.40 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

Tgt Ion:165 Resp: 722587
Ion Ratio Lower Upper
165 100
63 44.8 42.0 63.0
89 82.5 66.9 100.3
182 2.7 2.6 3.8





#57

Fluorene

Concen: 42.379 ng

RT: 16.10 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

BNA_N

ClientSampleId :

PB107073BS

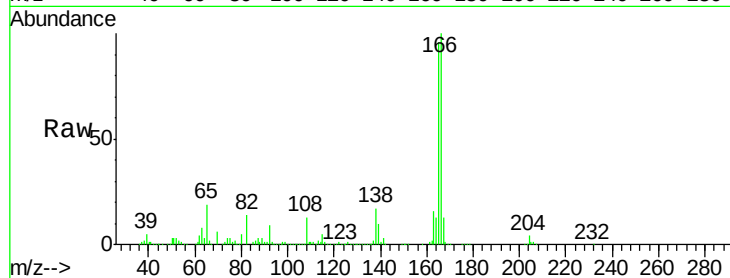
Tot Ion:166 Resp: 2273434

Ion Ratio Lower Upper

166 100

165 96.4 80.6 121.0

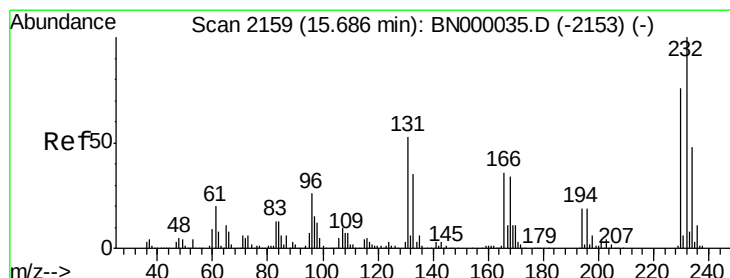
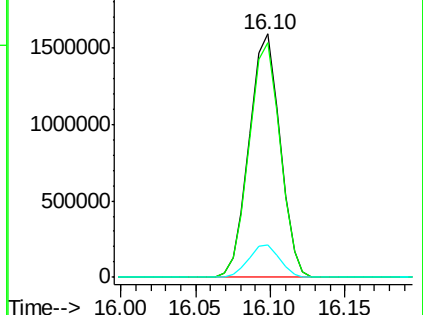
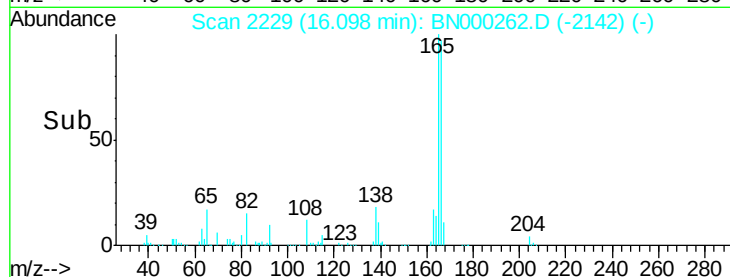
167 13.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.159 ng

RT: 15.67 min Scan# 2156

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Tgt Ion:232 Resp: 541058

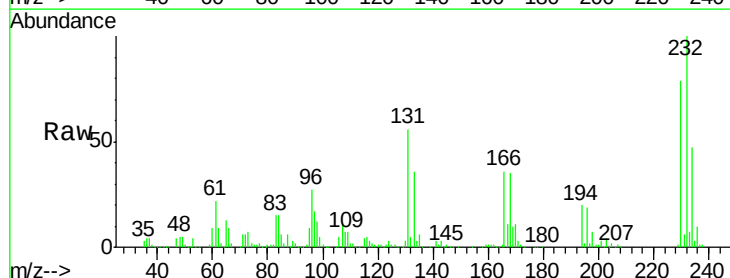
Ion Ratio Lower Upper

232 100

131 56.4 33.5 50.3#

130 3.1 2.2 3.2

166 36.4 24.8 37.2

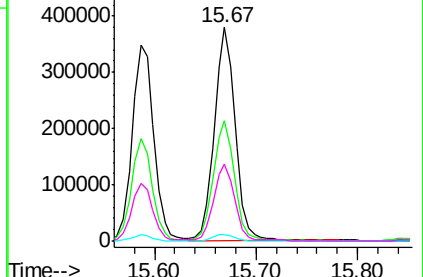
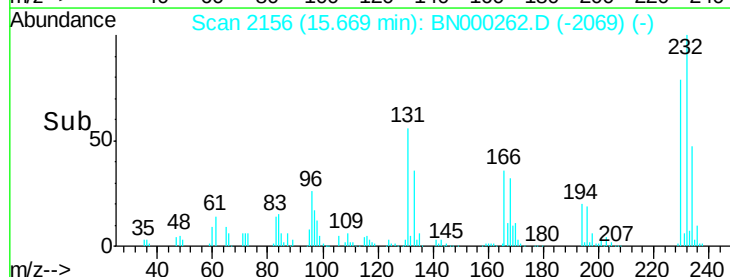


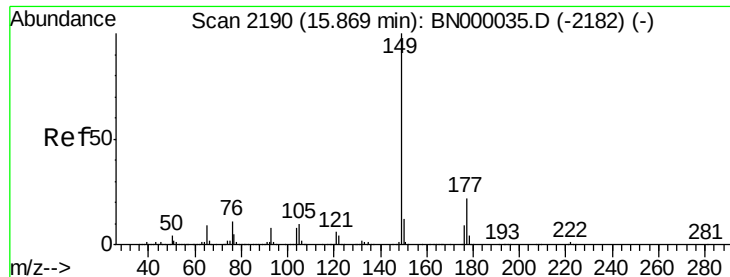
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

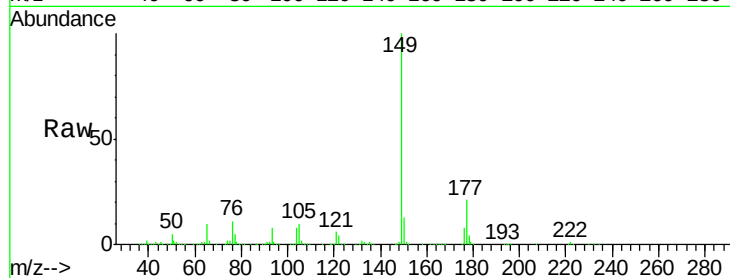




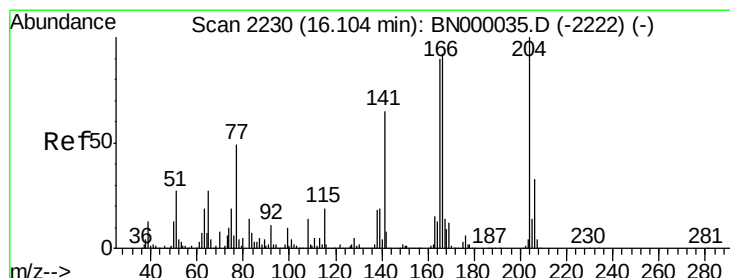
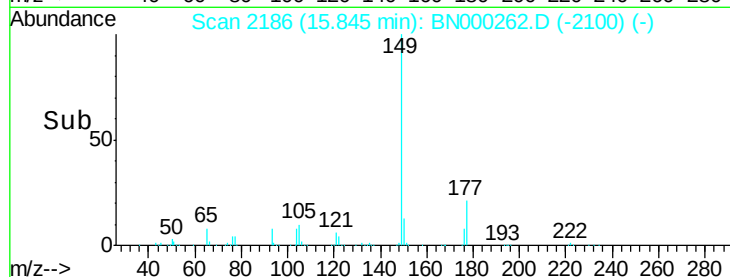
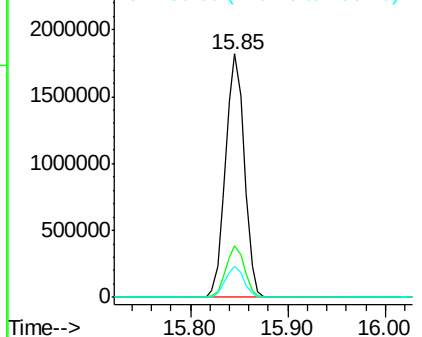
#59
Diethylphthalate
Concen: 42.823 ng
RT: 15.85 min Scan# 2186
Delta R.T. -0.02 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

Instrument :
BNA_N
ClientSampleId :
PB107073BS

Tot Ion:149 Resp: 2435035
Ion Ratio Lower Upper
149 100
177 21.1 18.5 27.7
150 12.7 10.2 15.2

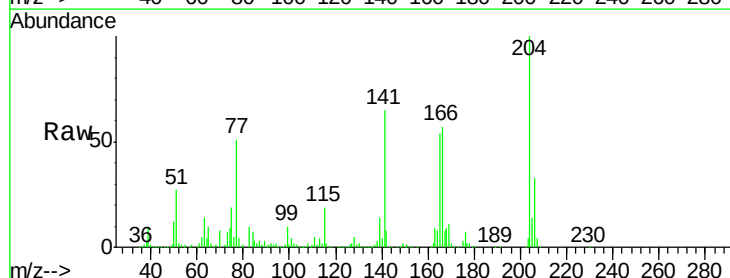


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

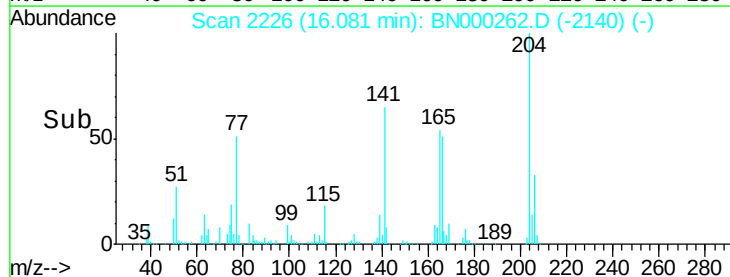
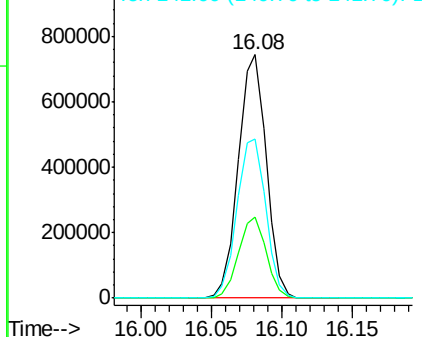


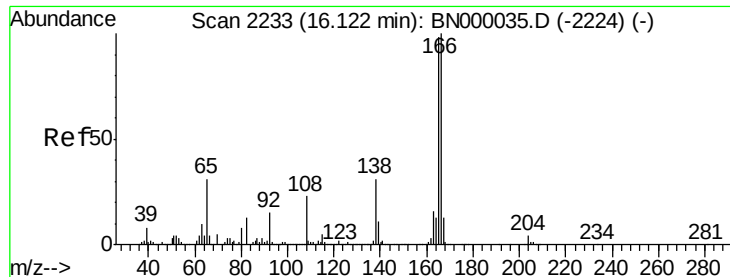
#60
4-Chlorophenyl-phenylether
Concen: 42.132 ng
RT: 16.08 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

Tgt Ion:204 Resp: 1030004
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 65.2 45.8 68.6



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





#61

4-Nitroaniline

Concen: 41.149 ng

RT: 16.11 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

BNA_N

ClientSampleId :

PB107073BS

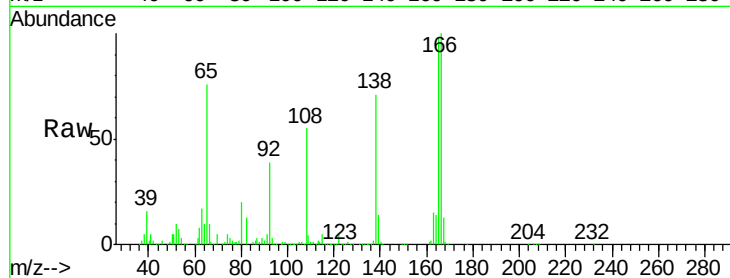
Tot Ion:138 Resp: 593675

Ion Ratio Lower Upper

138 100

92 55.2 40.1 80.1

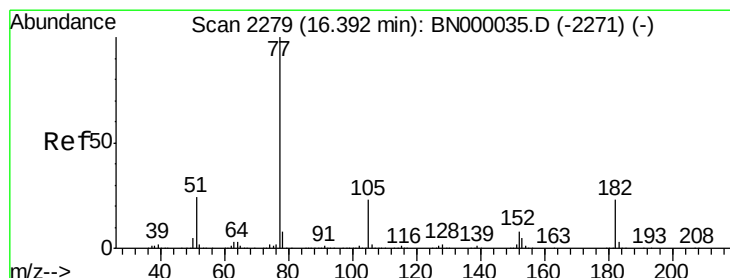
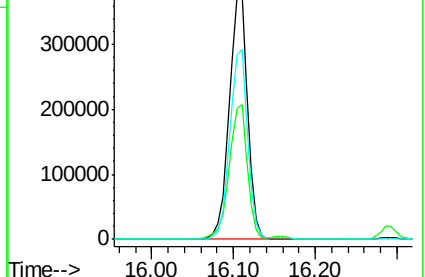
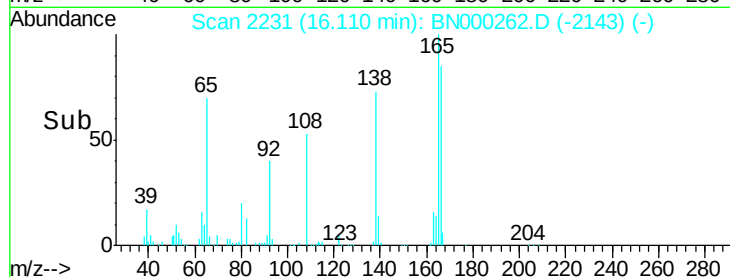
108 77.9 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.357 ng

RT: 16.37 min Scan# 2275

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Tgt Ion: 77 Resp: 2680585

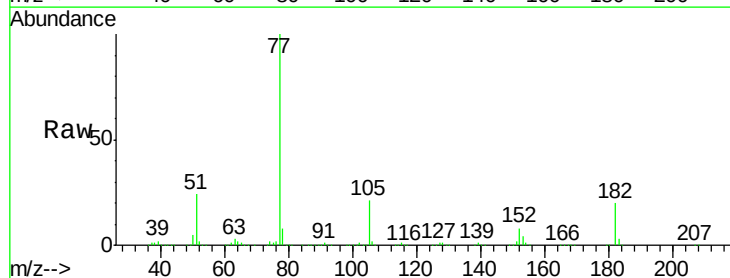
Ion Ratio Lower Upper

77 100

182 20.4 7.4 47.4

105 21.2 0.3 40.3

51 23.9 11.6 51.6

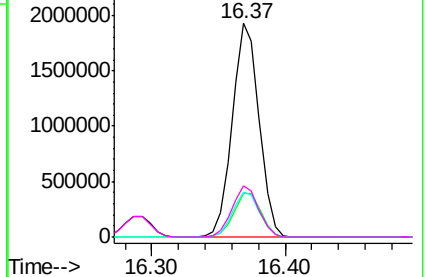
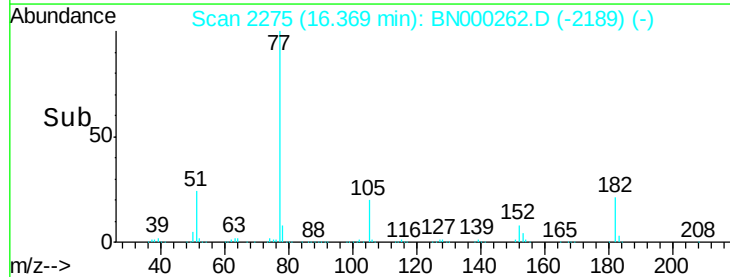


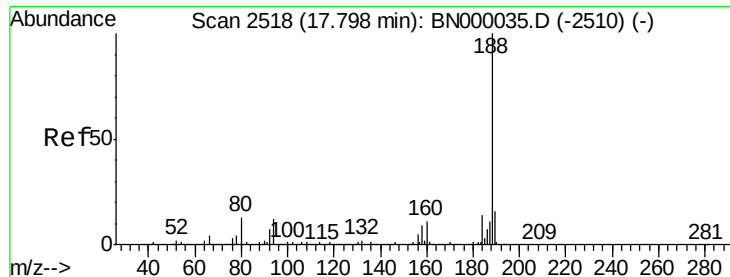
Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BNC

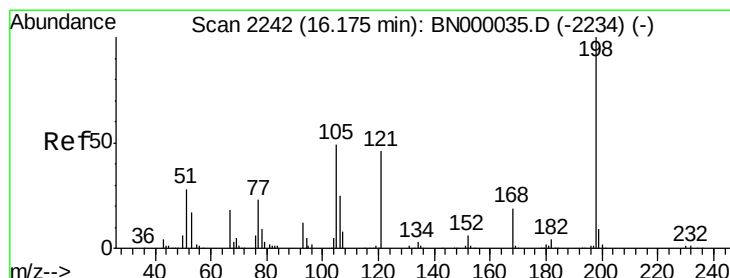
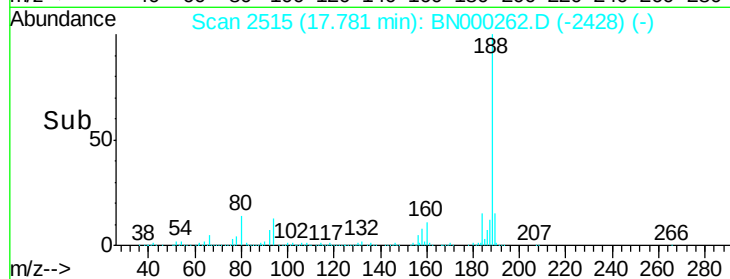
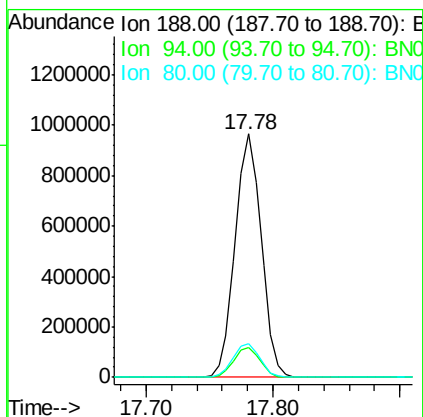
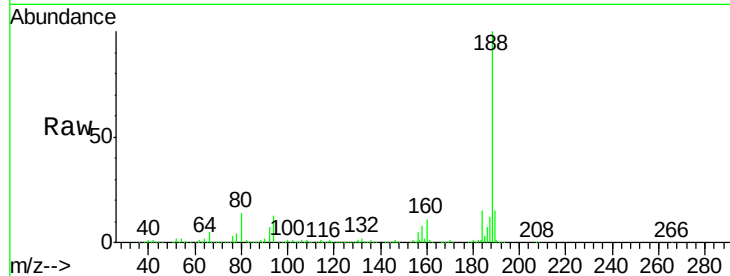




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.78 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

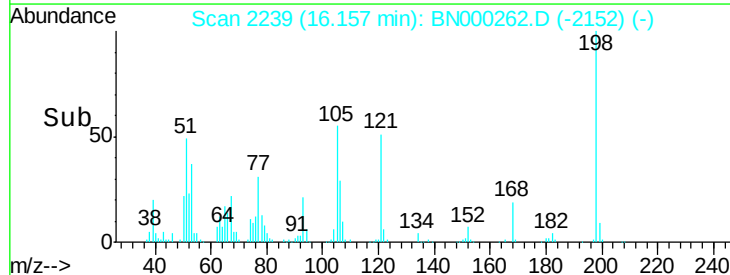
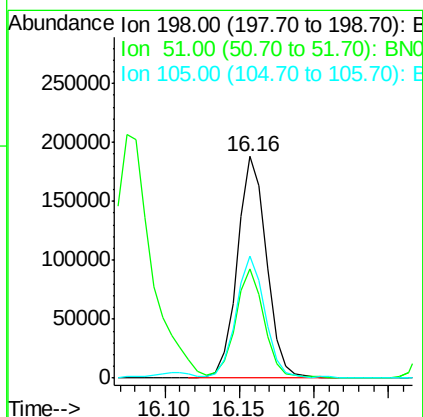
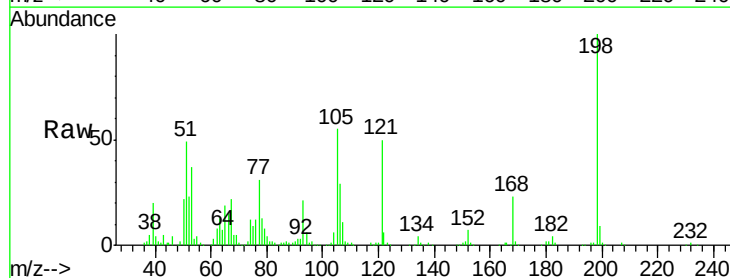
Instrument :
BNA_N
ClientSampleId :
PB107073BS

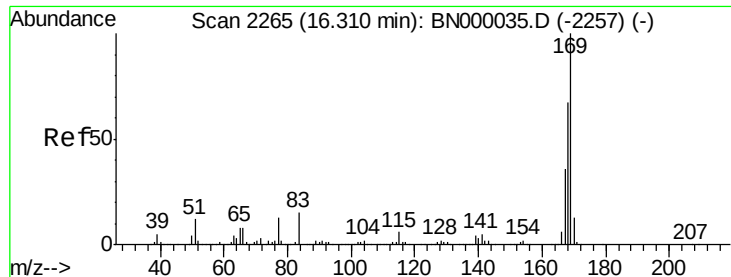
Tot Ion:188 Resp: 1374661
Ion Ratio Lower Upper
188 100
94 12.5 6.9 10.3#
80 13.7 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 40.804 ng
RT: 16.16 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

Tgt Ion:198 Resp: 255204
Ion Ratio Lower Upper
198 100
51 49.3 30.6 70.6
105 55.2 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 45.257 ng

RT: 16.29 min Scan# 2262

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

BNA_N

ClientSampleId :

PB107073BS

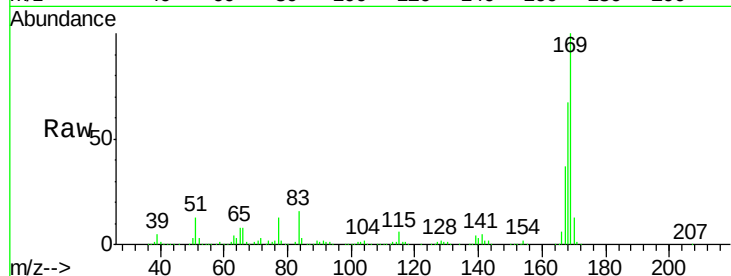
Tot Ion:169 Resp: 2024330

Ion Ratio Lower Upper

169 100

168 66.5 55.7 83.5

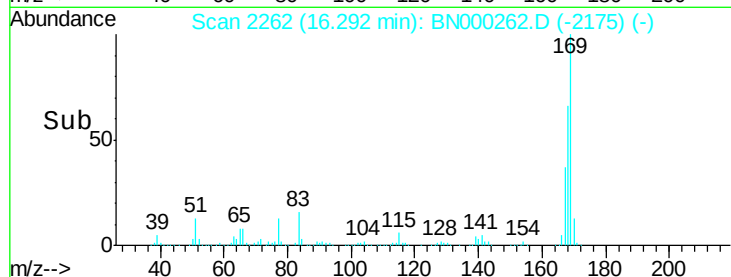
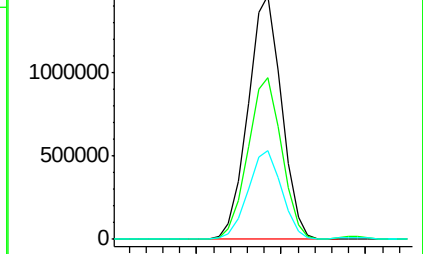
167 36.5 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.130 ng

RT: 16.97 min Scan# 2377

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

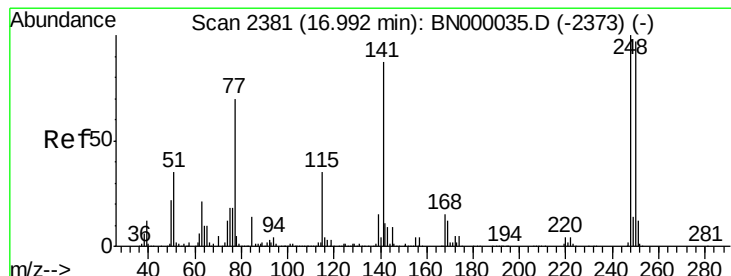
Tgt Ion:248 Resp: 589951

Ion Ratio Lower Upper

248 100

250 96.1 77.1 115.7

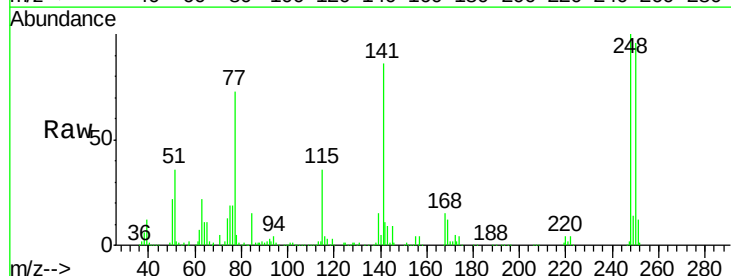
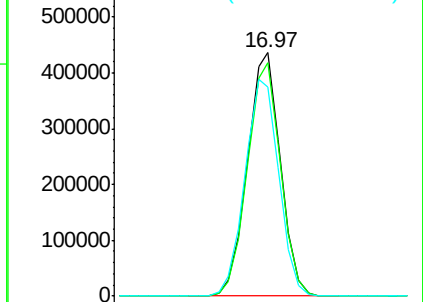
141 85.8 50.8 76.2#

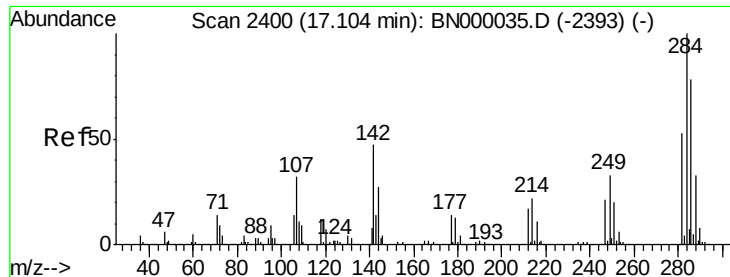


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

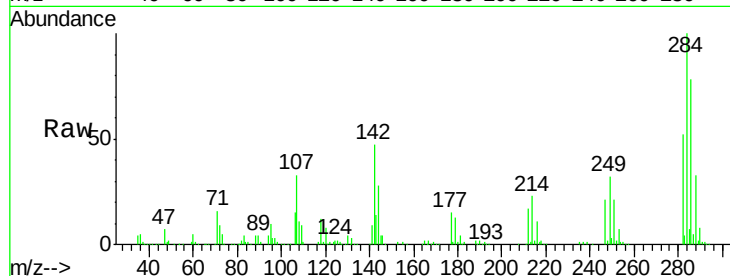




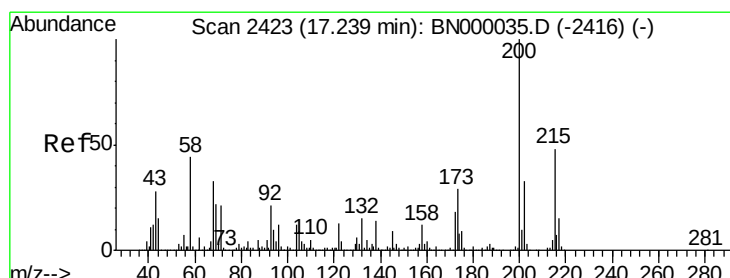
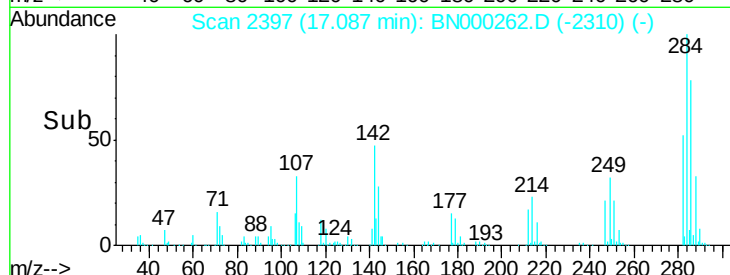
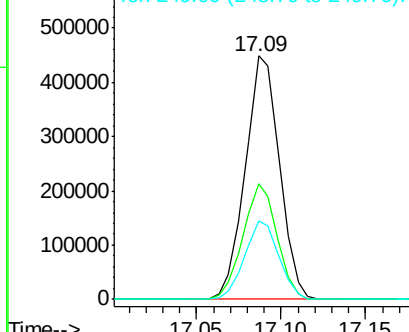
#67
Hexachlorobenzene
Concen: 41.529 ng
RT: 17.09 min Scan# 2397
Delta R.T. -0.02 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

Instrument :
BNA_N
ClientSampleId :
PB107073BS

Tot Ion:284 Resp: 633987
Ion Ratio Lower Upper
284 100
142 47.5 26.8 40.2#
249 32.0 26.3 39.5

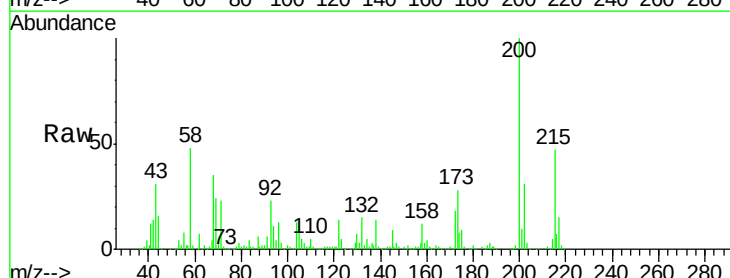


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

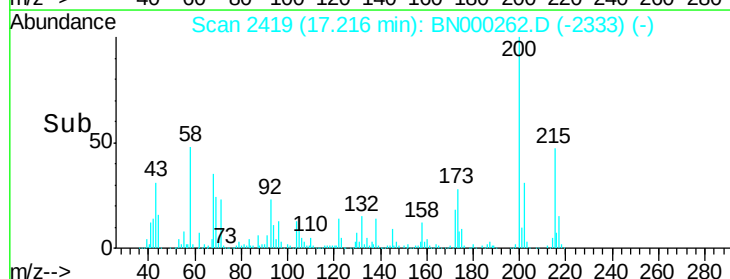
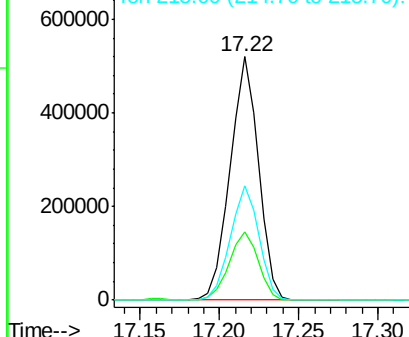


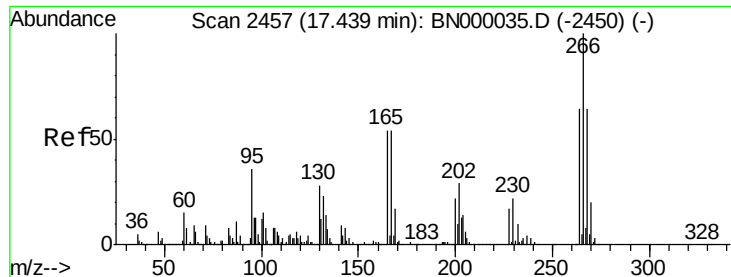
#68
Atrazine
Concen: 44.258 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.02 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

Tgt Ion:200 Resp: 644302
Ion Ratio Lower Upper
200 100
173 28.2 5.2 45.2
215 47.2 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: 77.110 ng

RT: 17.43 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

BNA_N

ClientSampleId :

PB107073BS

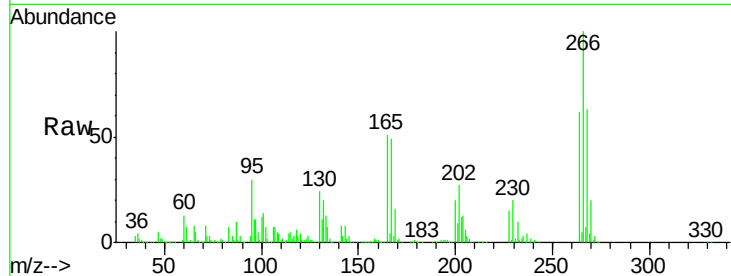
Tot Ion:266 Resp: 808150

Ion Ratio Lower Upper

266 100

268 63.5 51.1 76.7

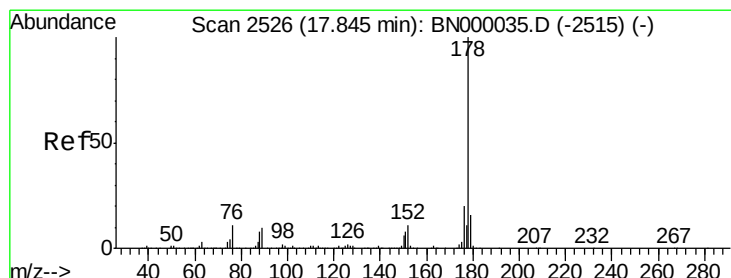
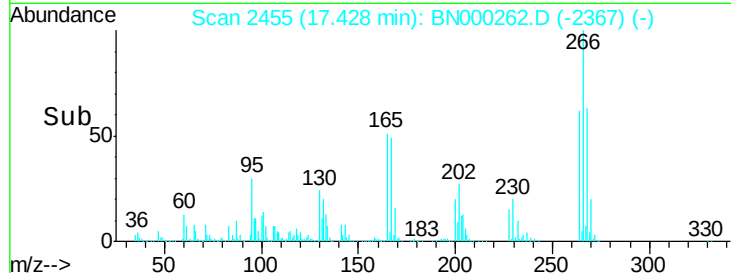
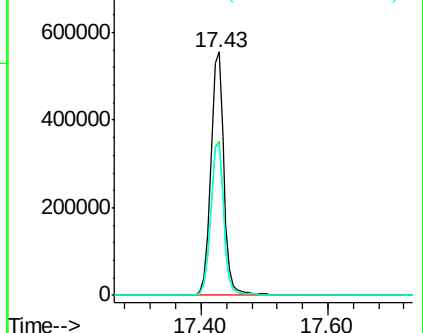
264 61.7 49.6 74.4



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: 43.425 ng

RT: 17.82 min Scan# 2522

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

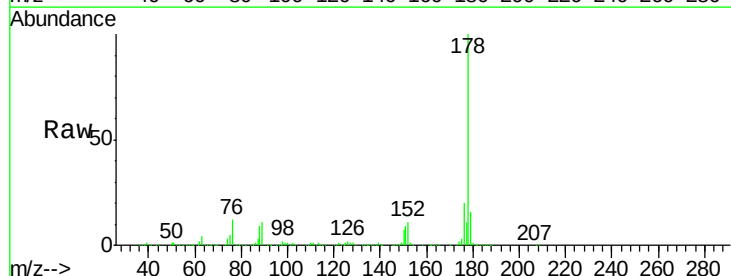
Tgt Ion:178 Resp: 3526045

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

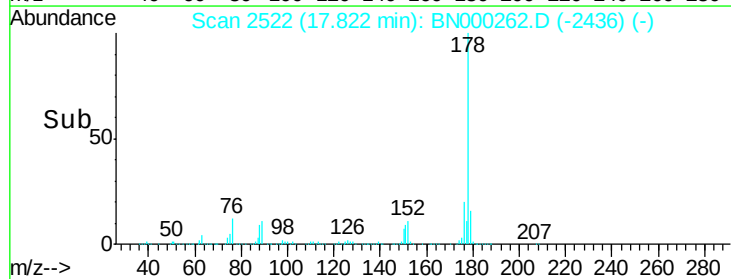
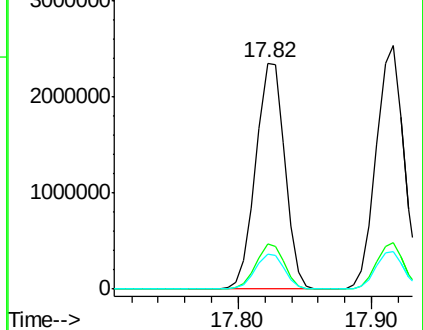
179 15.7 12.5 18.7

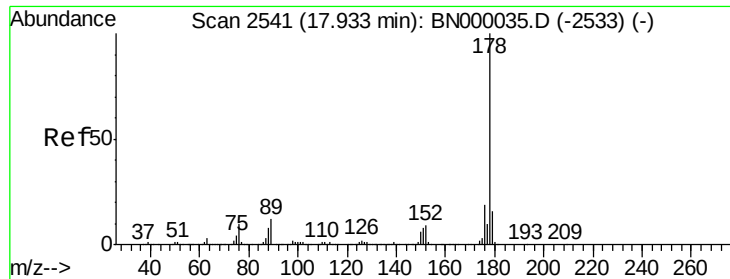


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

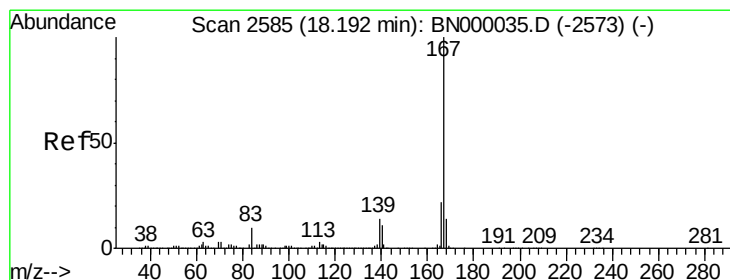
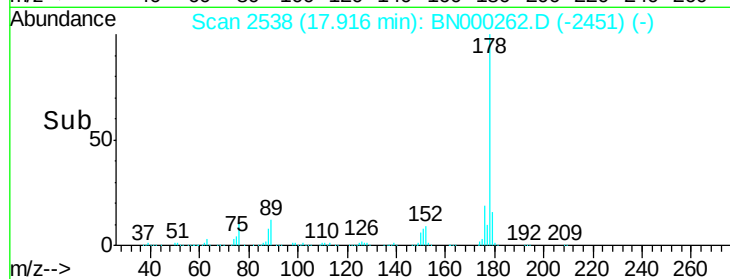
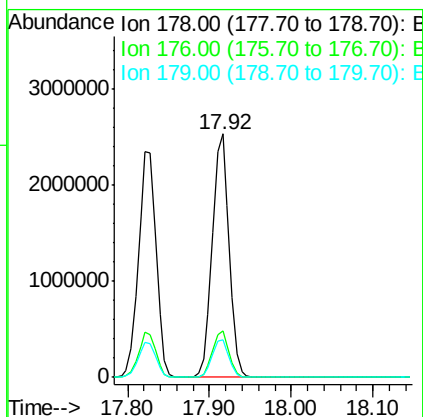
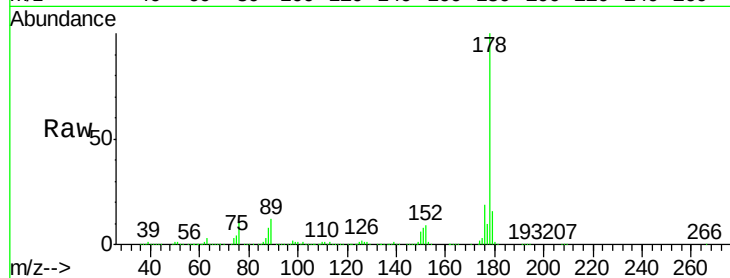




#71
 Anthracene
 Concen: 46.053 ng
 RT: 17.92 min Scan# 2538
 Delta R.T. -0.02 min
 Lab File: BN000262.D
 Acq: 06 Mar 2018 14:15

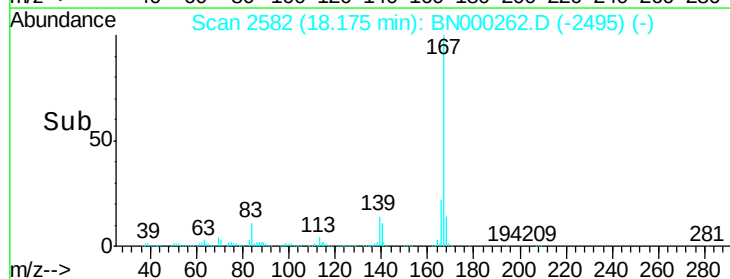
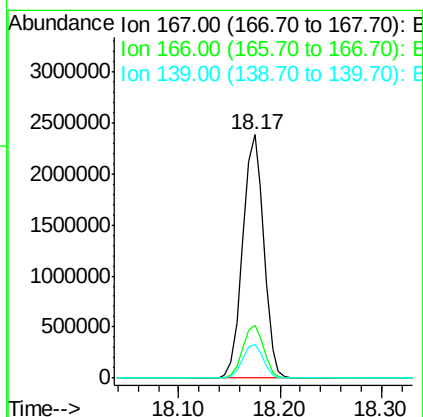
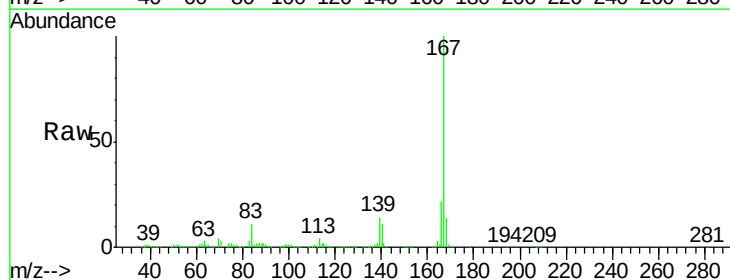
Instrument :
 BNA_N
 ClientSampleId :
 PB107073BS

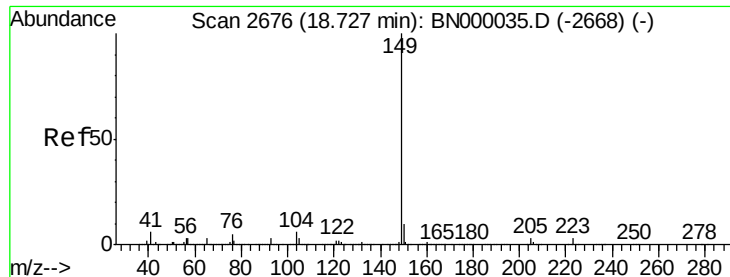
Tot Ion:178 Resp: 3620866
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.0 24.0
 179 15.6 12.5 18.7



#72
 Carbazole
 Concen: 43.209 ng
 RT: 18.17 min Scan# 2582
 Delta R.T. -0.02 min
 Lab File: BN000262.D
 Acq: 06 Mar 2018 14:15

Tgt Ion:167 Resp: 3422477
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.2 27.4
 139 13.7 9.4 14.2





#73

Di-n-butylphthalate

Concen: 46.617 ng

RT: 18.70 min Scan# 2671

Delta R.T. -0.03 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

BNA_N

ClientSampleId :

PB107073BS

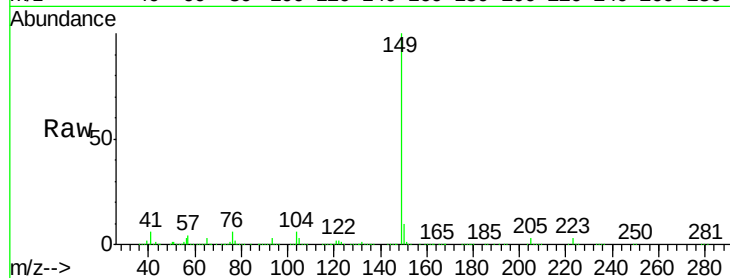
Tot Ion:149 Resp: 4076262

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

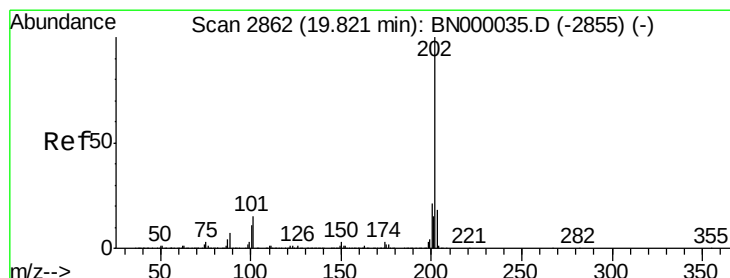
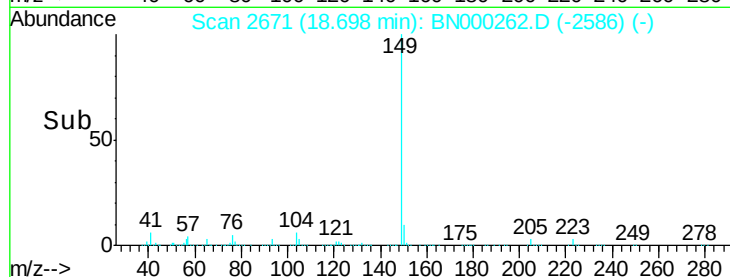
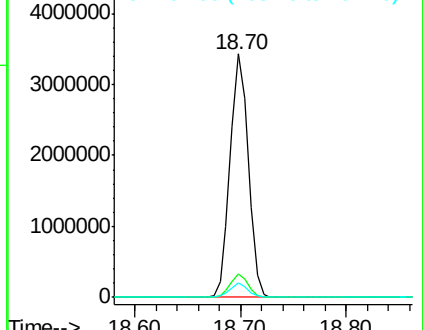
104 5.7 3.9 5.9



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: 45.051 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

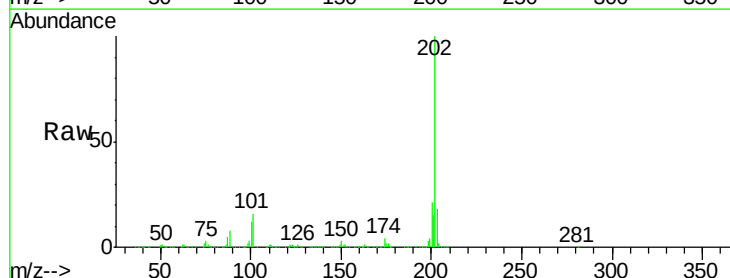
Tgt Ion:202 Resp: 3837777

Ion Ratio Lower Upper

202 100

101 16.0 0.0 28.9

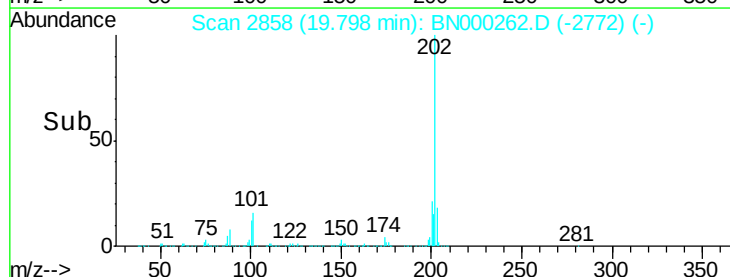
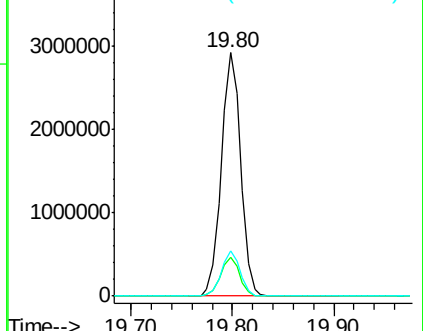
203 18.4 0.0 37.5

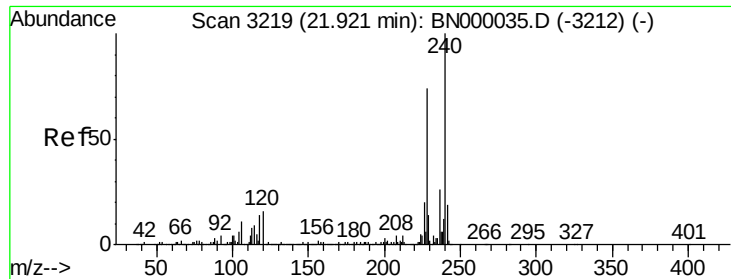


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.90 min Scan# 3215

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

BNA_N

ClientSampleId :

PB107073BS

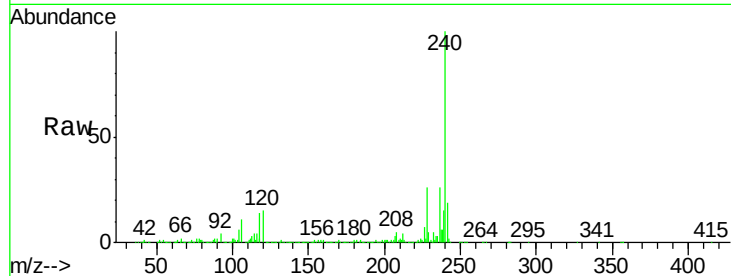
Tot Ion:240 Resp: 1376448

Ion Ratio Lower Upper

240 100

120 14.9 6.8 10.2#

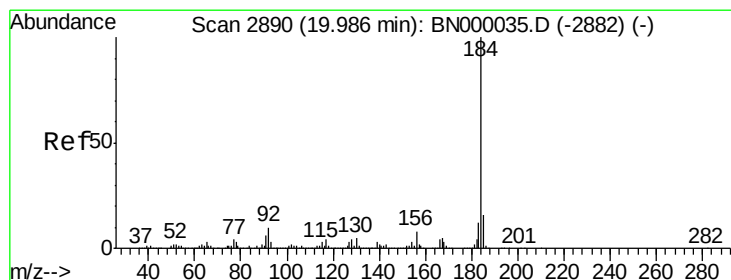
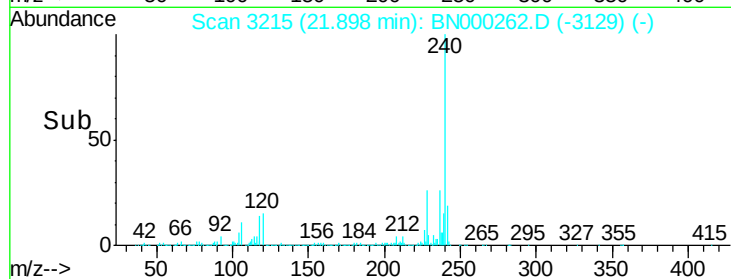
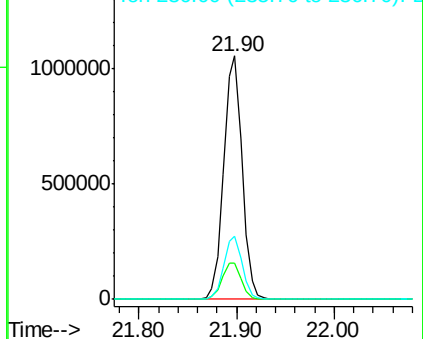
236 25.8 20.9 31.3



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: 38.510 ng

RT: 19.96 min Scan# 2886

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

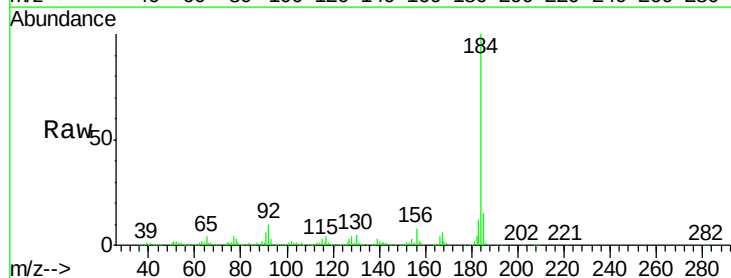
Tgt Ion:184 Resp: 1689700

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

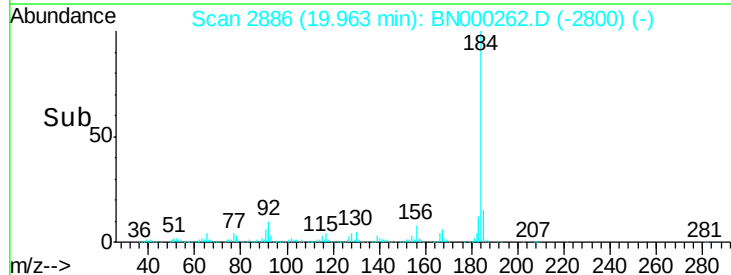
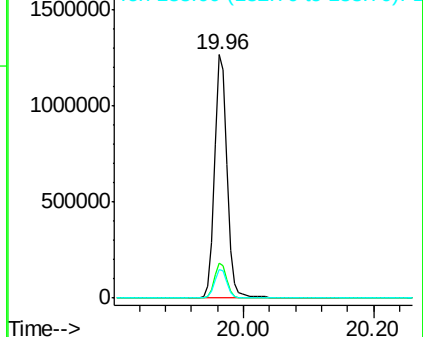
183 11.6 10.6 16.0

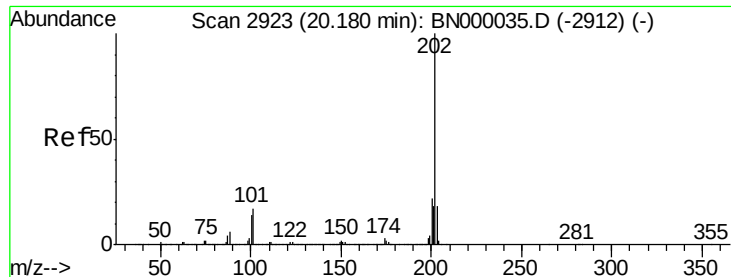


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.723 ng

RT: 20.16 min Scan# 2919

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

BNA_N

ClientSampleId :

PB107073BS

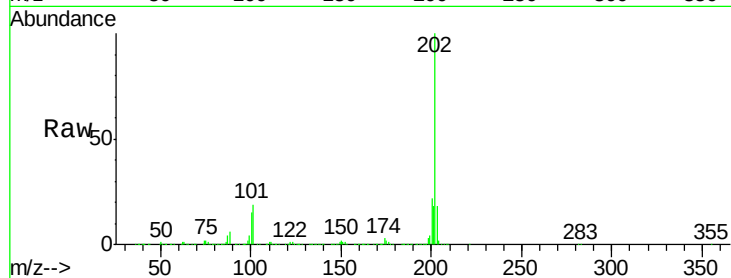
Tot Ion:202 Resp: 3999904

Ion Ratio Lower Upper

202 100

200 21.8 16.9 25.3

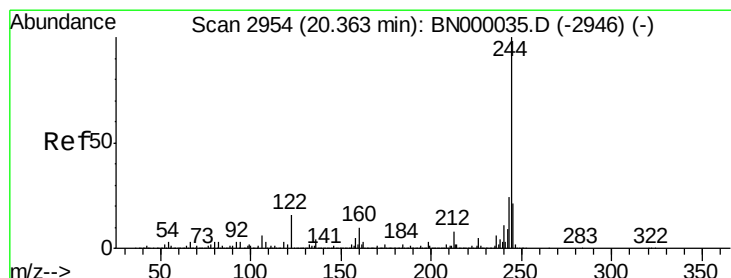
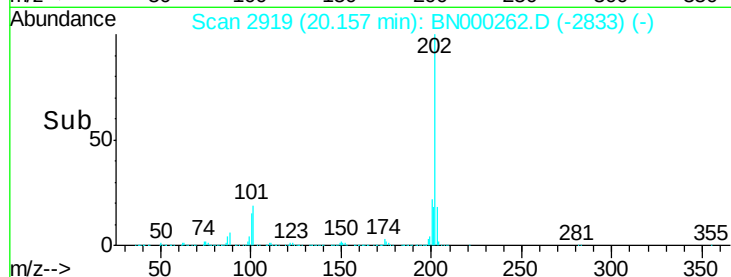
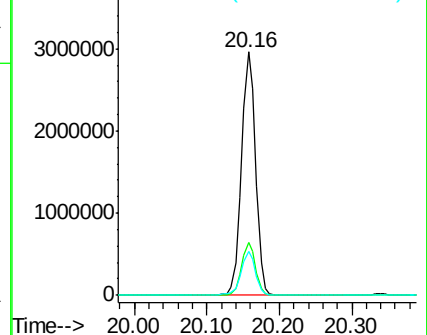
203 18.2 13.9 20.9



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: 103.530 ng

RT: 20.34 min Scan# 2950

Delta R.T. -0.02 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

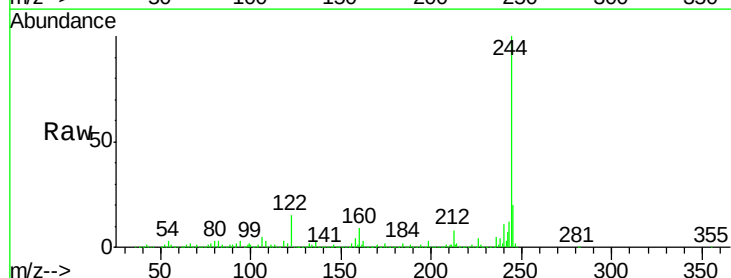
Tgt Ion:244 Resp: 5277647

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

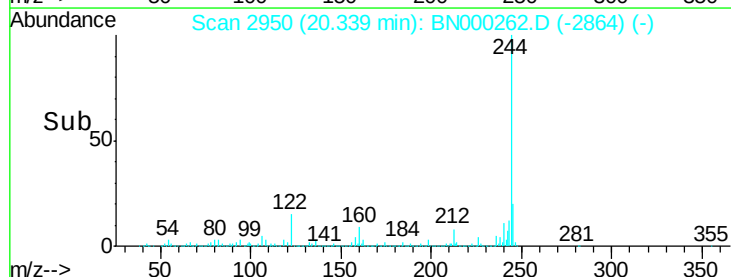
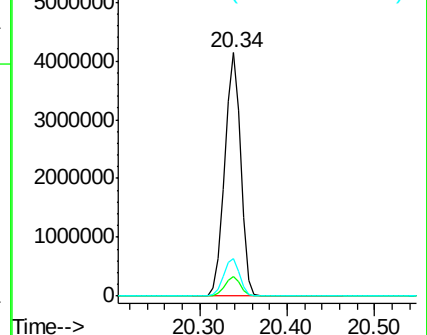
122 15.2 7.0 10.4#

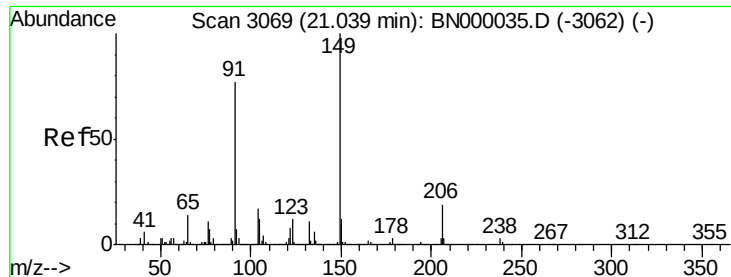


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

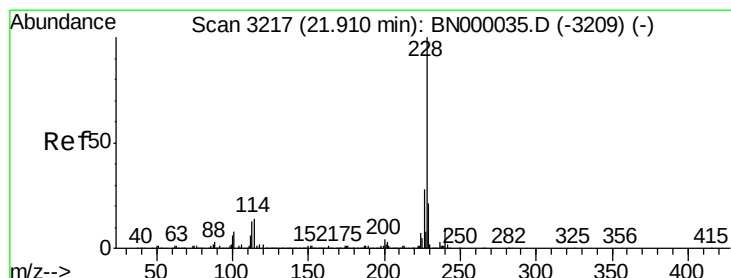
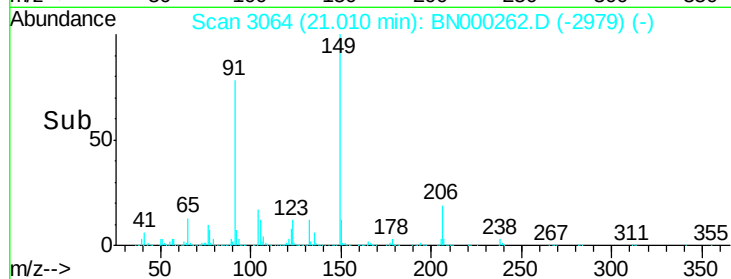
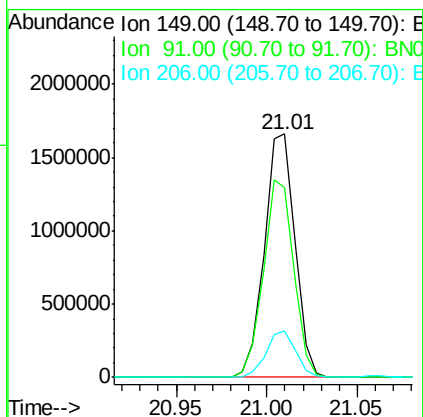
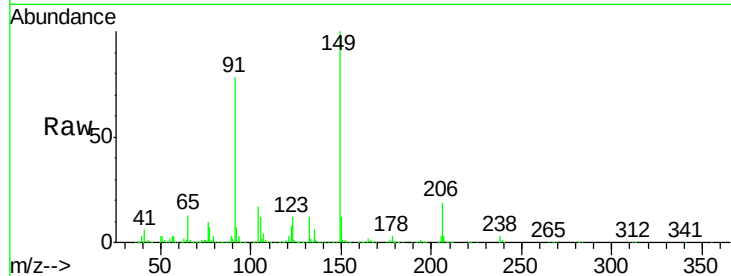




#79
Butylbenzylphthalate
Concen: 47.093 ng
RT: 21.01 min Scan# 3064
Delta R.T. -0.03 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

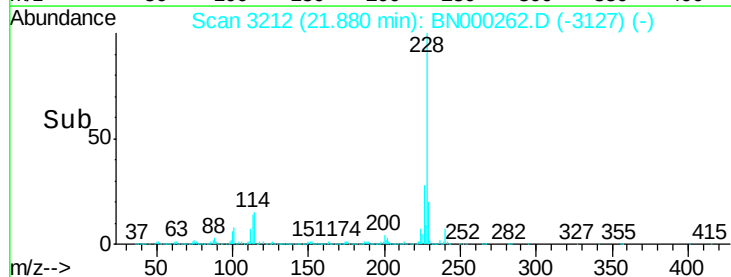
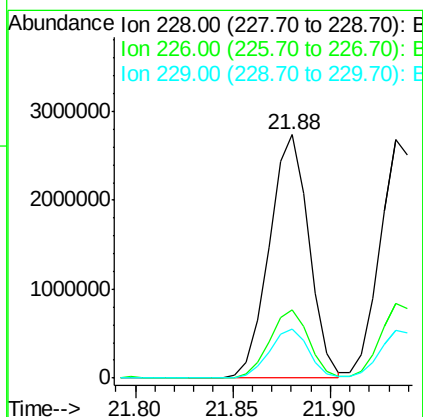
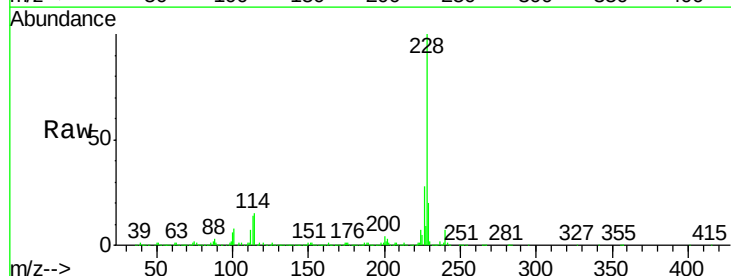
Instrument :
BNA_N
ClientSampleId :
PB107073BS

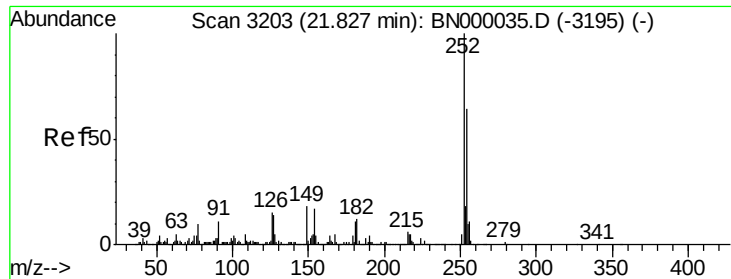
Tot Ion:149 Resp: 1949649
Ion Ratio Lower Upper
149 100
91 78.0 62.2 93.2
206 19.2 18.6 27.8



#80
Benzo(a)anthracene
Concen: 45.394 ng
RT: 21.88 min Scan# 3212
Delta R.T. -0.03 min
Lab File: BN000262.D
Acq: 06 Mar 2018 14:15

Tgt Ion:228 Resp: 3840427
Ion Ratio Lower Upper
228 100
226 28.1 22.7 34.1
229 20.0 16.2 24.2

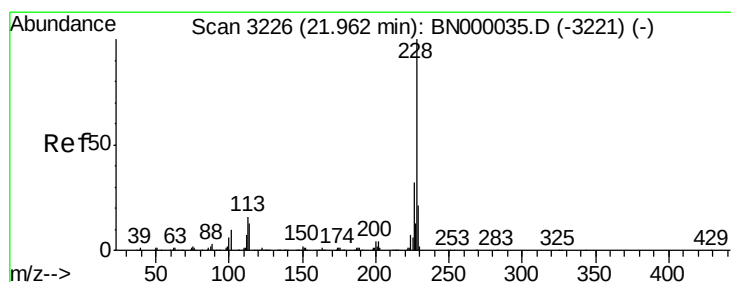
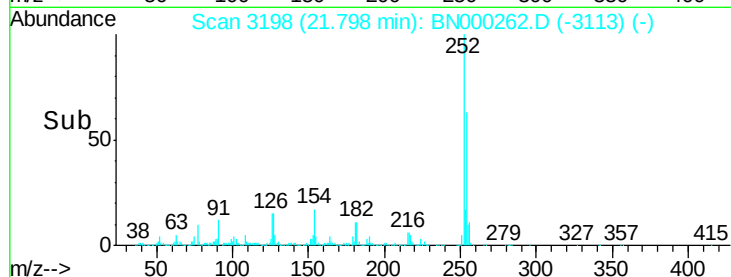
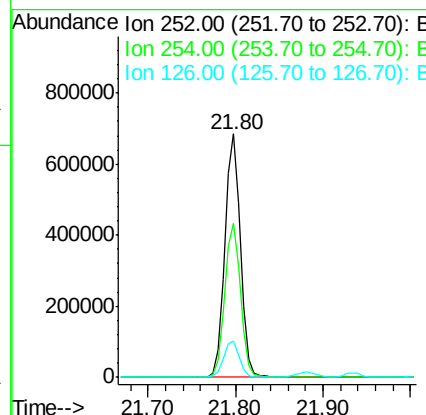
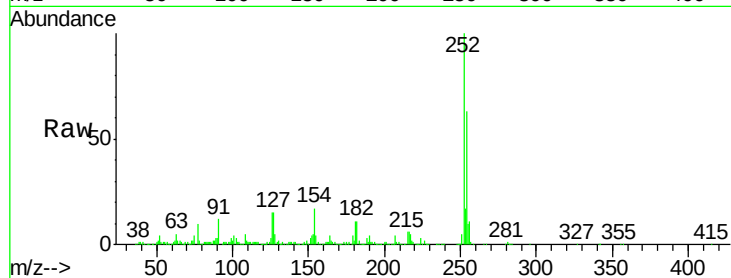




#81
 3,3'-Dichlorobenzidine
 Concen: 27.353 ng
 RT: 21.80 min Scan# 3198
 Delta R.T. -0.03 min
 Lab File: BN000262.D
 Acq: 06 Mar 2018 14:15

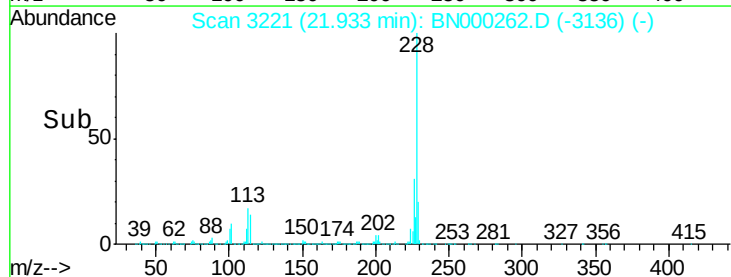
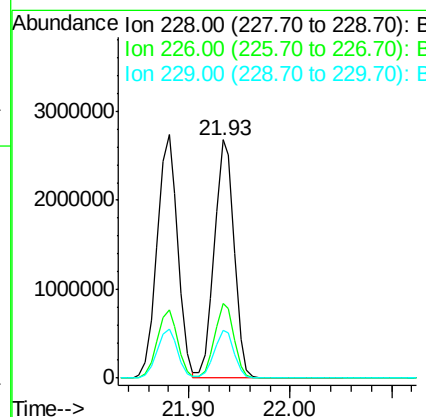
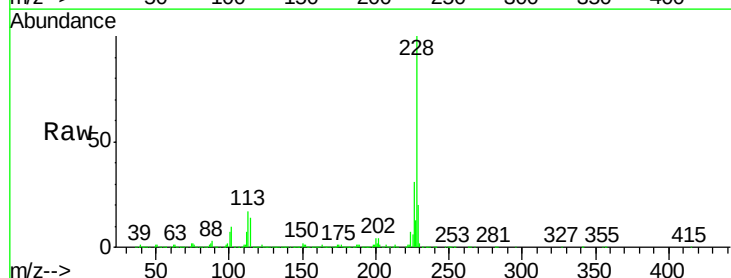
Instrument :
 BNA_N
 ClientSampleId :
 PB107073BS

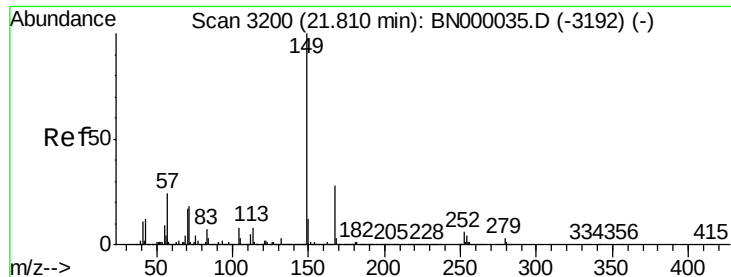
Tot Ion:252 Resp: 849991
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.8 76.2
 126 15.1 7.4 11.2#



#82
 Chrysene
 Concen: 43.018 ng
 RT: 21.93 min Scan# 3221
 Delta R.T. -0.03 min
 Lab File: BN000262.D
 Acq: 06 Mar 2018 14:15

Tgt Ion:228 Resp: 3626854
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.9 37.3
 229 19.8 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.651 ng

RT: 21.76 min Scan# 3192

Delta R.T. -0.05 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

BNA_N

ClientSampleId :

PB107073BS

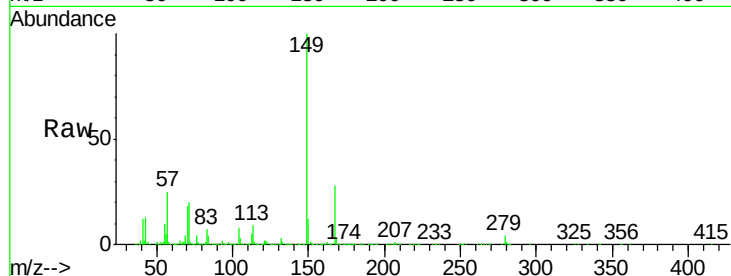
Tot Ion:149 Resp: 2867772

Ion Ratio Lower Upper

149 100

167 28.0 24.3 36.5

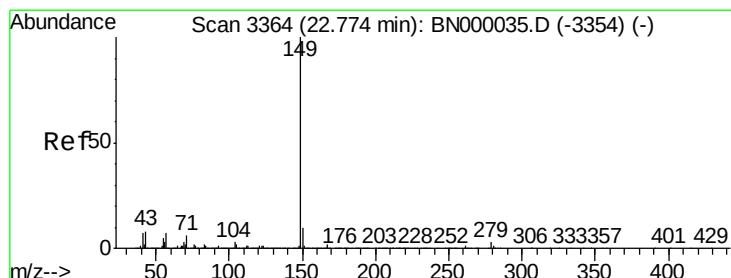
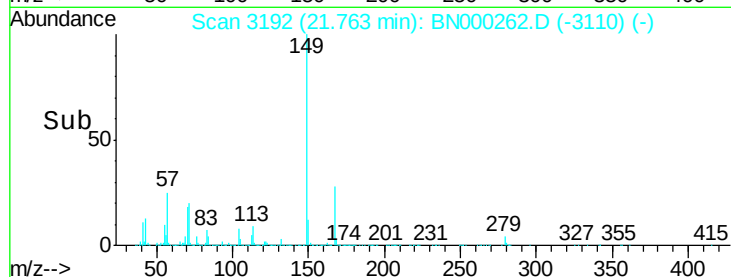
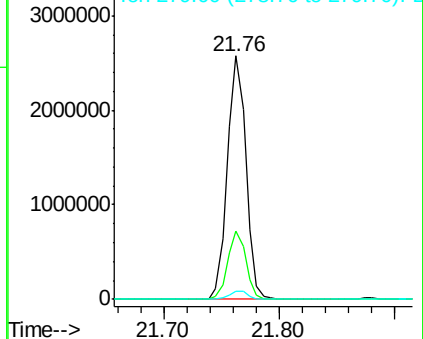
279 3.6 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.029 ng

RT: 22.72 min Scan# 3354

Delta R.T. -0.06 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

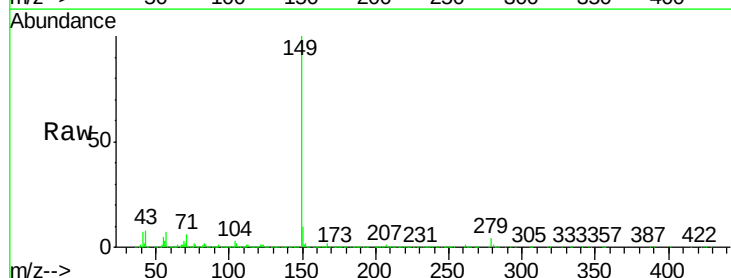
Tgt Ion:149 Resp: 5080598

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

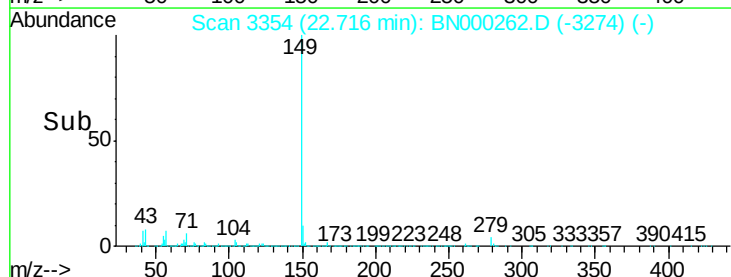
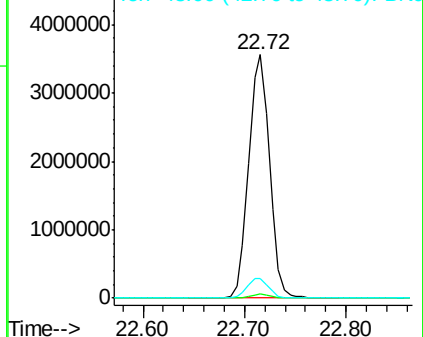
43 8.4 8.9 13.3#

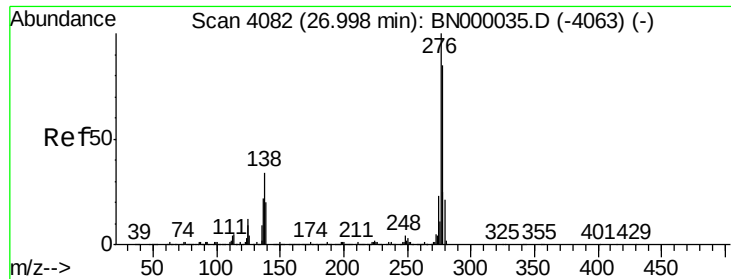


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.253 ng

RT: 26.94 min Scan# 4072

Delta R.T. -0.06 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

BNA_N

ClientSampleId :

PB107073BS

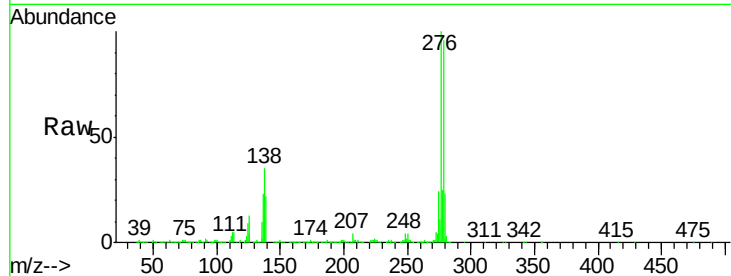
Tot Ion:276 Resp: 4168925

Ion Ratio Lower Upper

276 100

138 34.6 16.0 24.0#

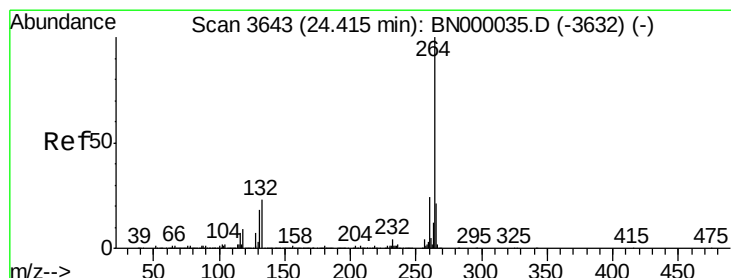
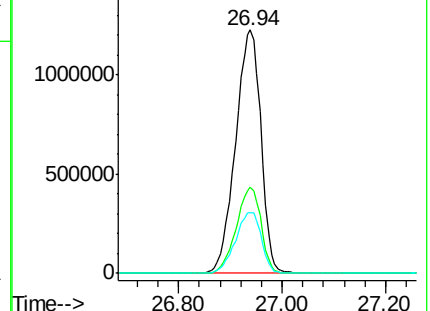
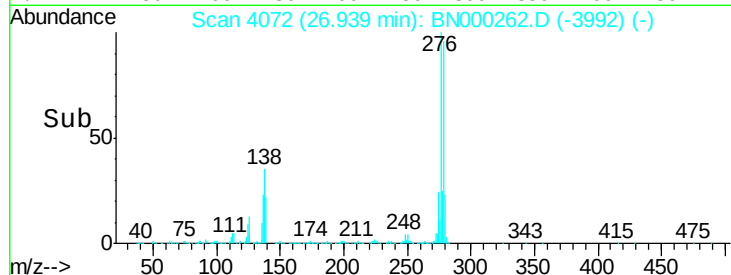
277 25.6 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.37 min Scan# 3635

Delta R.T. -0.05 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

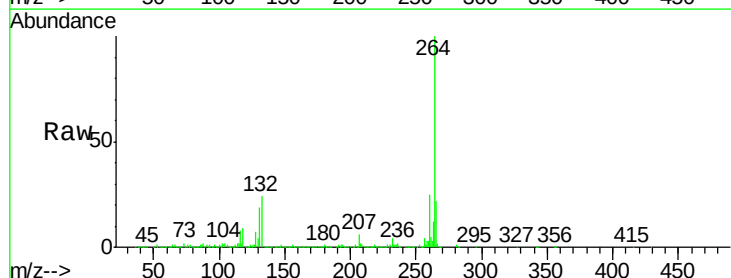
Tgt Ion:264 Resp: 1463512

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

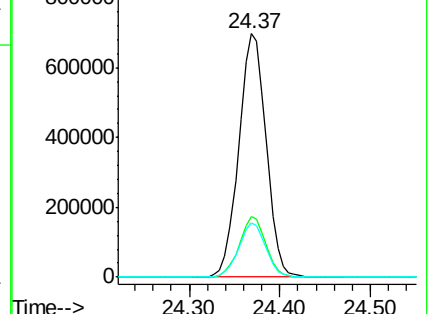
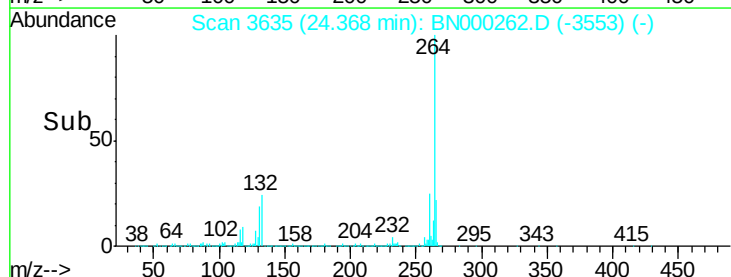
265 22.1 17.7 26.5

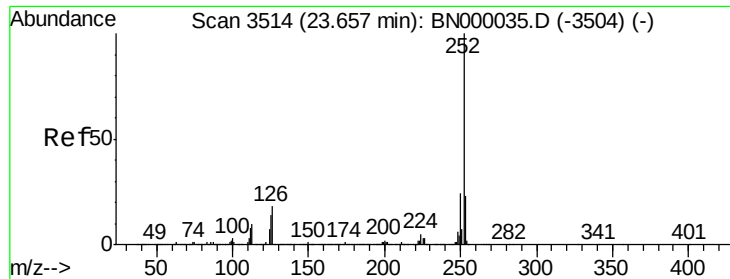


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 47.203 ng

RT: 23.62 min Scan# 3508

Delta R.T. -0.04 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

BNA_N

ClientSampleId :

PB107073BS

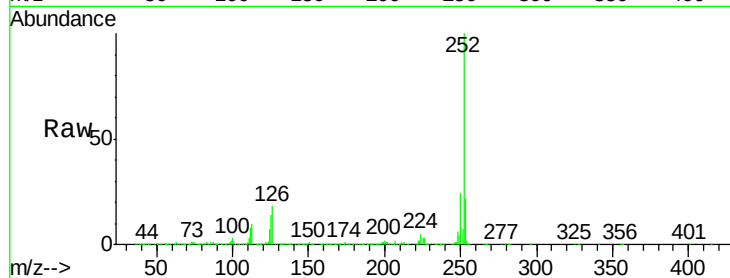
Tot Ion:252 Resp: 4043593

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

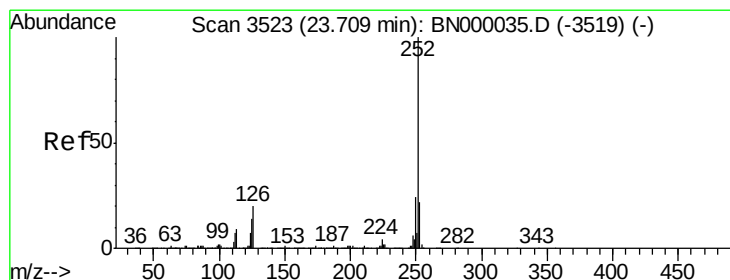
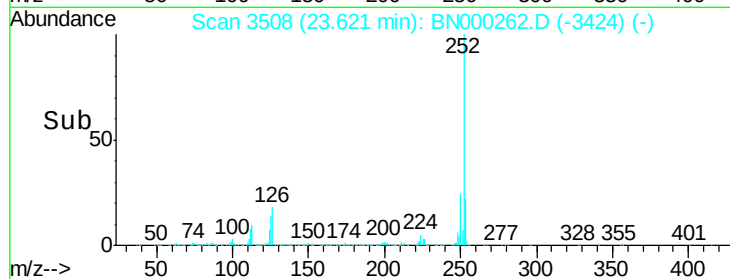
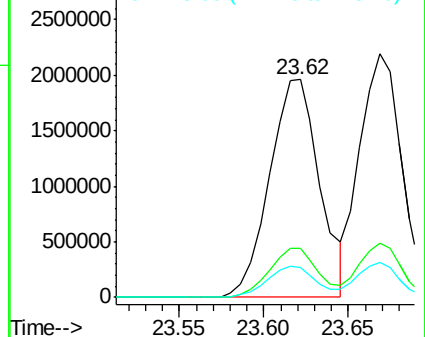
125 13.7 7.2 10.8#



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



#88

Benzo(k)fluoranthene

Concen: 44.029 ng

RT: 23.67 min Scan# 3516

Delta R.T. -0.04 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

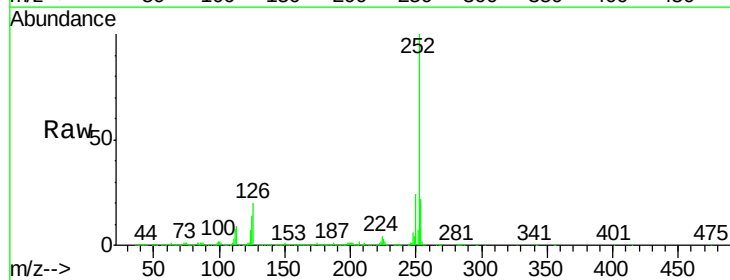
Tgt Ion:252 Resp: 3798706

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

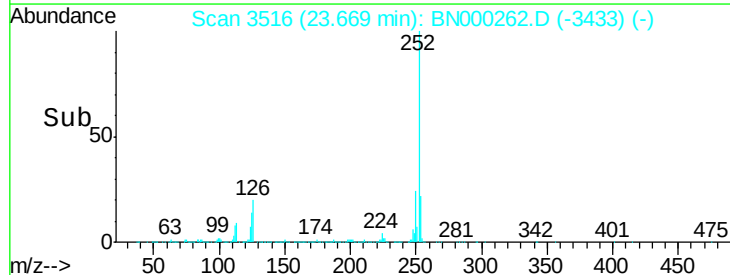
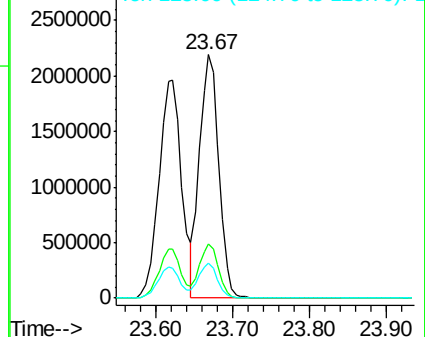
125 14.3 6.6 9.8#

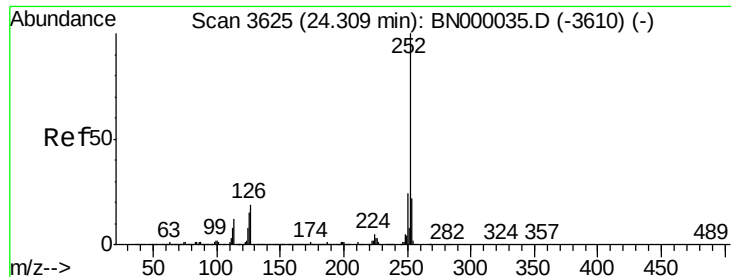


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.683 ng

RT: 24.27 min Scan# 3618

Delta R.T. -0.04 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

BNA_N

ClientSampleId :

PB107073BS

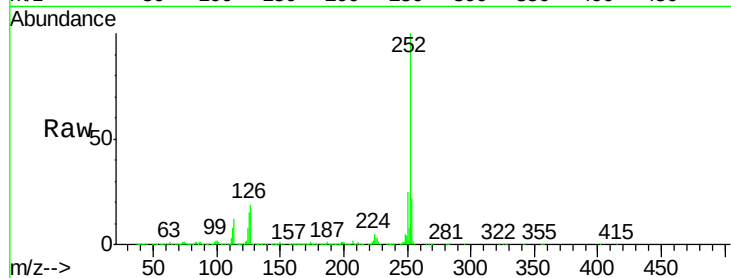
Tot Ion:252 Resp: 3835045

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

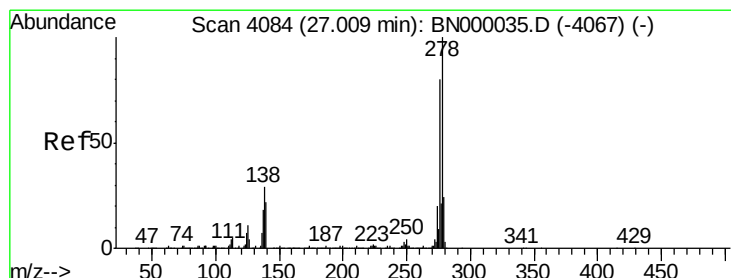
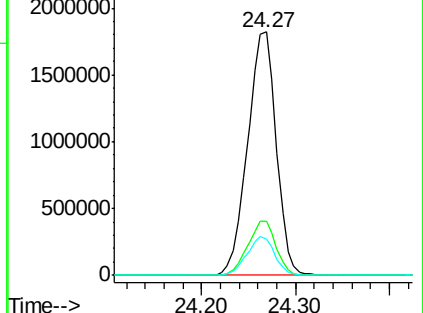
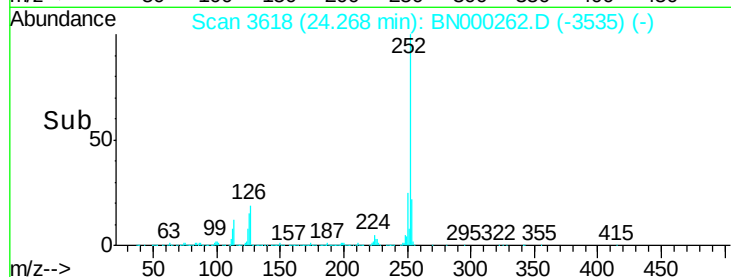
125 15.0 7.3 10.9#



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: 41.059 ng

RT: 26.94 min Scan# 4073

Delta R.T. -0.06 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

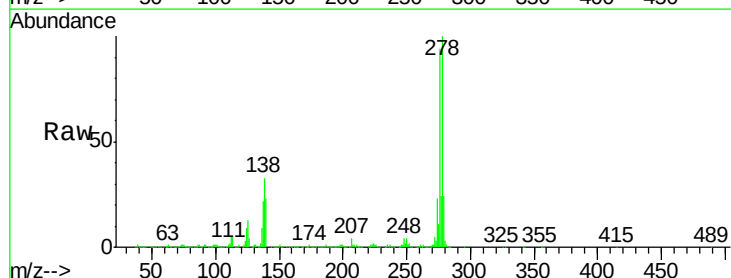
Tgt Ion:278 Resp: 3527333

Ion Ratio Lower Upper

278 100

139 22.7 9.8 14.6#

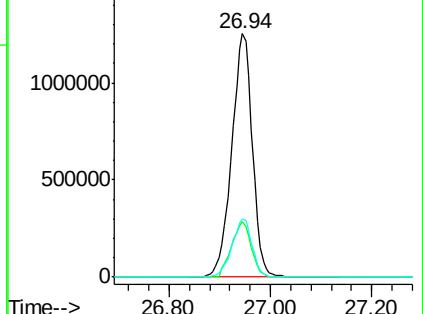
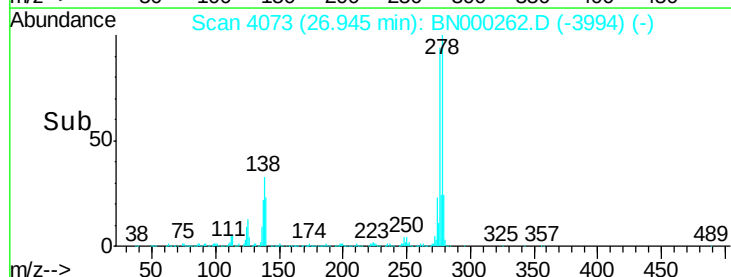
279 23.6 18.4 27.6

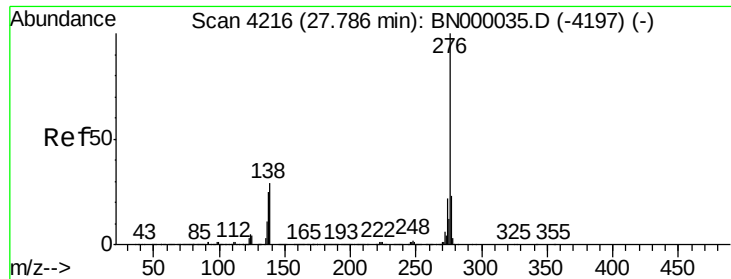


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.264 ng

RT: 27.73 min Scan# 4206

Delta R.T. -0.06 min

Lab File: BN000262.D

Acq: 06 Mar 2018 14:15

Instrument :

BNA_N

ClientSampleId :

PB107073BS

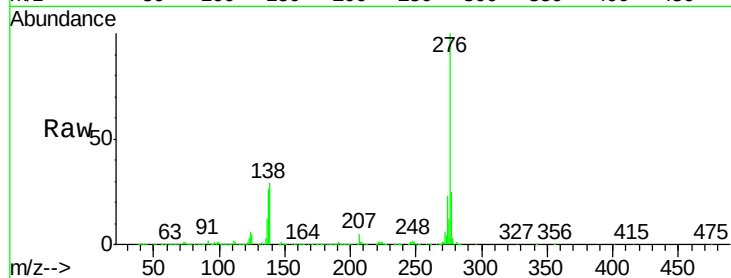
Tot Ion:276 Resp: 3410812

Ion Ratio Lower Upper

276 100

277 24.5 18.3 27.5

138 29.1 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

