

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030618\
 Data File : BN000256.D
 Acq On : 06 Mar 2018 10:48
 Operator : JU/SJ
 Sample : PB107064BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB107064BS

Quant Time: Mar 07 04:23:53 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	247088	20.00	ng	-0.02
21) Naphthalene-d8	11.29	136	1247431	20.00	ng	-0.02
38) Acenaphthene-d10	15.06	164	731606	20.00	ng	-0.02
63) Phenanthrene-d10	17.78	188	1537551	20.00	ng	-0.02
75) Chrysene-d12	21.90	240	1533833	20.00	ng	-0.02
86) Perylene-d12	24.37	264	1656649	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.93	112	2583456	170.40	ng	-0.02
7) Phenol-d6	7.58	99	3662173	159.47	ng	-0.01
23) Nitrobenzene-d5	9.63	82	2098572	100.02	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	982201	135.63	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	4442922	85.59	ng	-0.02
78) Terphenyl-d14	20.34	244	5654387	99.54	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.65	88	195095	31.980	ng	99
3) Pyridine	4.09	79	612184	32.237	ng	98
4) n-Nitrosodimethylamine	4.00	42	237825	44.285	ng	# 90
6) Aniline	7.76	93	841265	26.590	ng	91
8) 2-Chlorophenol	8.00	128	845916	47.712	ng	89
9) Benzaldehyde	7.56	77	251072	17.574	ng	90
10) Phenol	7.61	94	1222841	50.443	ng	86
11) bis(2-Chloroethyl)ether	7.85	93	832096	41.734	ng	84
12) 1,3-Dichlorobenzene	8.33	146	728537	36.164	ng	98
13) 1,4-Dichlorobenzene	8.49	146	747731	36.346	ng	97
14) 1,2-Dichlorobenzene	8.81	146	741293	36.605	ng	97
15) Benzyl Alcohol	8.68	79	770401	46.673	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.98	45	878139	41.611	ng	79
17) 2-Methylphenol	8.88	107	799083	46.385	ng	96
18) Hexachloroethane	9.55	117	271604	37.926	ng	# 80
19) n-Nitroso-di-n-propylamine	9.26	70	636875	41.386	ng	# 82
20) 3+4-Methylphenols	9.21	107	1087236	45.125	ng	94
22) Acetophenone	9.28	105	1310783	37.498	ng	# 88
24) Nitrobenzene	9.68	77	988508	43.097	ng	# 93
25) Isophorone	10.19	82	1882275	43.400	ng	98
26) 2-Nitrophenol	10.39	139	384281	41.950	ng	94
27) 2,4-Dimethylphenol	10.43	122	920034	48.932	ng	94
28) bis(2-Chloroethoxy)methane	10.67	93	1226093	44.080	ng	97
29) 2,4-Dichlorophenol	10.92	162	788364	45.306	ng	97
30) 1,2,4-Trichlorobenzene	11.15	180	717084	35.785	ng	98
31) Naphthalene	11.34	128	2580138	37.728	ng	98
32) Benzoic acid	10.56	122	484827	37.643	ng	90
33) 4-Chloroaniline	11.43	127	706112	23.504	ng	97
34) Hexachlorobutadiene	11.61	225	350298	33.712	ng	97
35) Caprolactam	12.20	113	312737	41.694	ng	97
36) 4-Chloro-3-methylphenol	12.53	107	1009014	45.674	ng	99
37) 2-Methylnaphthalene	12.92	142	1875509	39.415	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	786063	36.401	ng	# 95
40) Hexachlorocyclopentadiene	13.25	237	833565	92.601	ng	94

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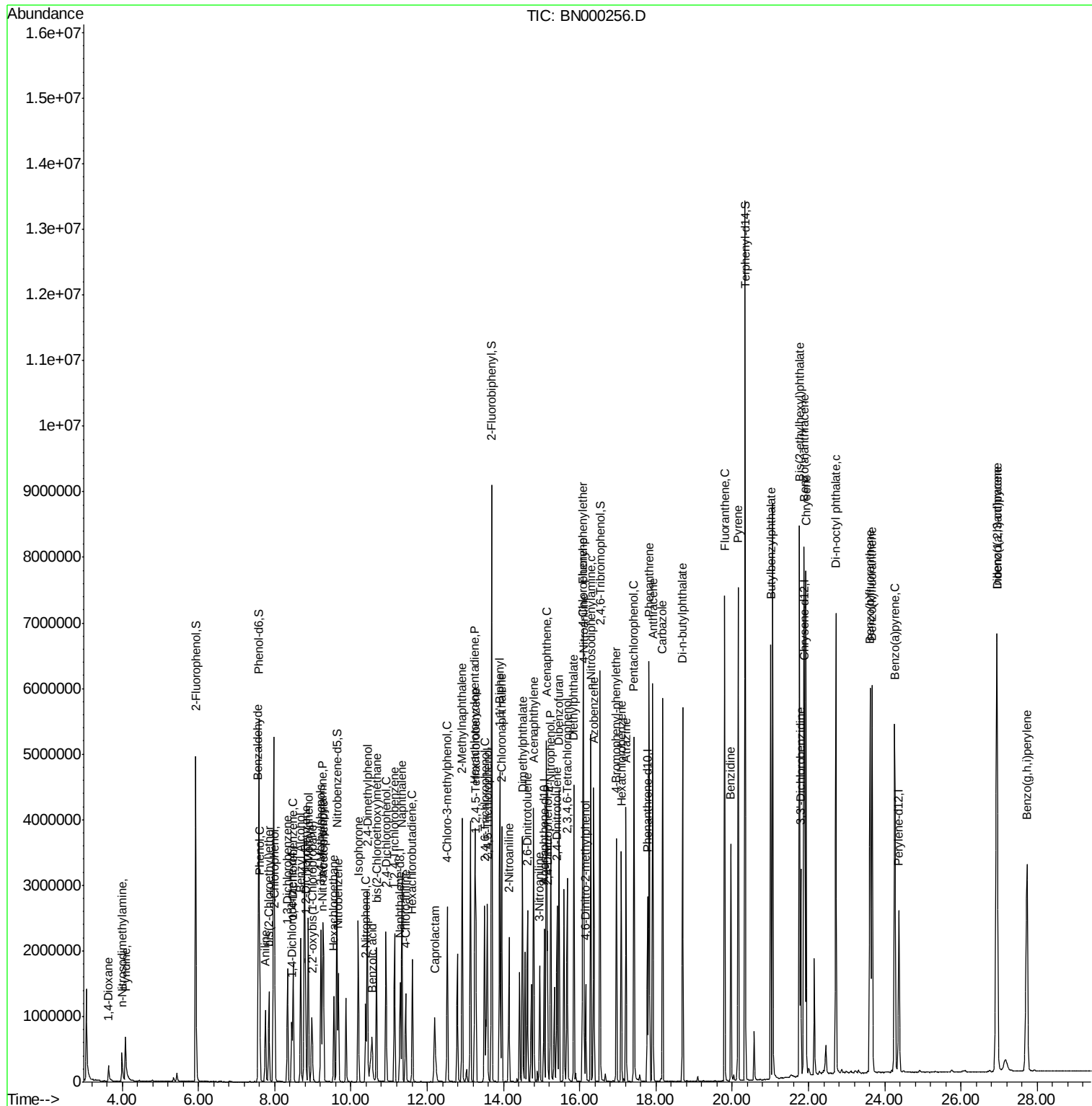
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.50	196	561938	43.417	nq	99
43) 2,4,5-Trichlorophenol	13.57	196	641151	41.208	nq	# 92
45) 1,1'-Biphenyl	13.90	154	2397251	37.204	nq	97
46) 2-Chloronaphthalene	13.95	162	1818988	37.623	nq	96
47) 2-Nitroaniline	14.14	65	613586	43.751	nq	89
48) Acenaphthylene	14.79	152	3002846	38.551	nq	98
49) Dimethylphthalate	14.50	163	2354440	38.497	nq	99
50) 2,6-Dinitrotoluene	14.63	165	514730	40.770	nq	92
51) Acenaphthene	15.13	154	2075197	40.928	nq	98
52) 3-Nitroaniline	14.95	138	421795	27.484	nq	# 95
53) 2,4-Dinitrophenol	15.16	184	431640	94.501	nq	# 1
54) Dibenzofuran	15.46	168	2814415	39.194	nq	96
55) 4-Nitrophenol	15.24	139	1002706	79.745	nq	# 86
56) 2,4-Dinitrotoluene	15.40	165	728512	40.977	nq	94
57) Fluorene	16.10	166	2260170	38.548	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.67	232	543462	44.258	nq	# 84
59) Diethylphthalate	15.85	149	2438803	39.241	nq	97
60) 4-Chlorophenyl-phenylether	16.08	204	1026005	38.398	nq	92
61) 4-Nitroaniline	16.11	138	628900	39.882	nq	92
62) Azobenzene	16.37	77	2685281	43.404	nq	89
64) 4,6-Dinitro-2-methylphenol	16.16	198	274789	39.606	nq	89
65) n-Nitrosodiphenylamine	16.29	169	2019094	40.357	nq	97
66) 4-Bromophenyl-phenylether	16.96	248	574218	39.273	nq	# 82
67) Hexachlorobenzene	17.09	284	630255	36.911	nq	# 86
68) Atrazine	17.22	200	645465	39.641	nq	94
69) Pentachlorophenol	17.43	266	805146	69.321	nq	99
70) Phenanthrene	17.82	178	3551648	39.106	nq	100
71) Anthracene	17.92	178	3638140	41.371	nq	99
72) Carbazole	18.17	167	3506152	39.575	nq	97
73) Di-n-butylphthalate	18.70	149	4024961	41.154	nq	99
74) Fluoranthene	19.80	202	3891270	40.840	nq	92
76) Benzidine	19.96	184	1804370	36.903	nq	97
77) Pyrene	20.16	202	4041103	41.454	nq	98
79) Butylbenzylphthalate	21.01	149	1894196	41.748	nq	98
80) Benzo(a)anthracene	21.88	228	3923724	41.619	nq	99
81) 3,3'-Dichlorobenzidine	21.80	252	802929	23.188	nq	# 97
82) Chrysene	21.93	228	3670964	39.074	nq	98
83) Bis(2-ethylhexyl)phthalate	21.76	149	2789218	41.087	nq	# 94
84) Di-n-octyl phthalate	22.72	149	4944190	44.262	nq	# 94
85) Indeno(1,2,3-cd)pyrene	26.94	276	4657307	40.355	nq	# 85
87) Benzo(b)fluoranthene	23.62	252	3954707	40.783	nq	# 95
88) Benzo(k)fluoranthene	23.67	252	3998123	40.938	nq	# 93
89) Benzo(a)pyrene	24.27	252	3897746	41.915	nq	# 94
90) Dibenzo(a,h)anthracene	26.95	278	3915501	40.264	nq	# 92
91) Benzo(g,h,i)perylene	27.73	276	3942231	40.091	nq	# 88

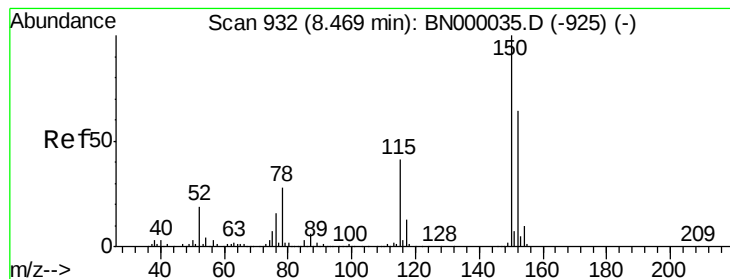
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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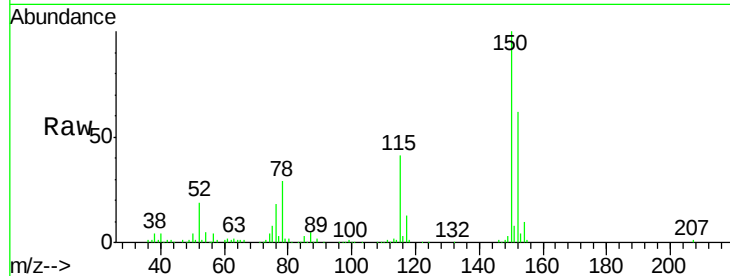


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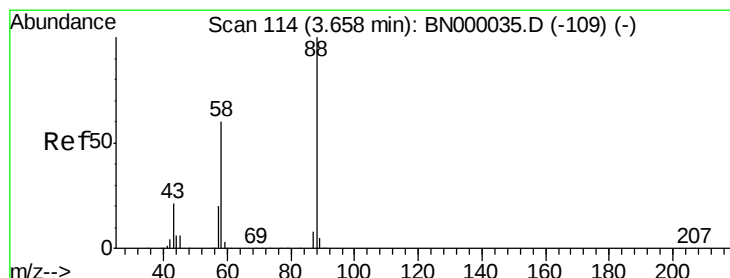
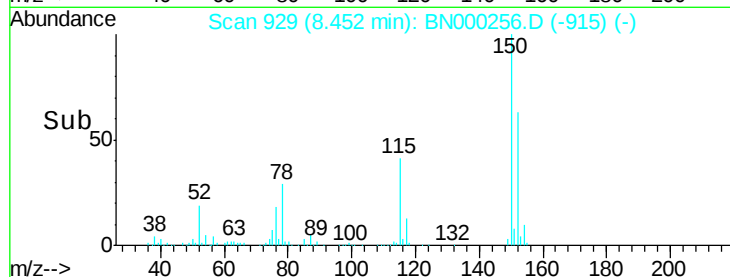
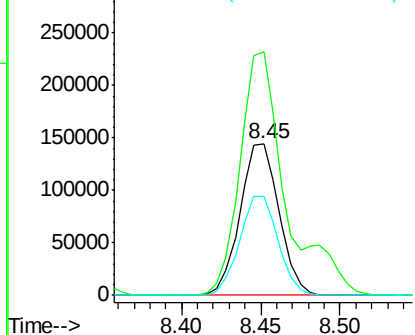
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 929
Delta R.T. -0.02 min
Lab File: BN000256.D
Acq: 06 Mar 2018 10:48

Instrument :
BNA_N
ClientSampleId :
PB107064BS

Tot Ion:152 Resp: 247088
Ion Ratio Lower Upper
152 100
150 160.1 126.6 189.8
115 65.3 53.0 79.4



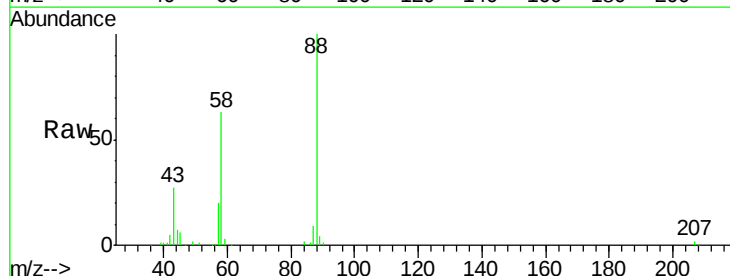
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



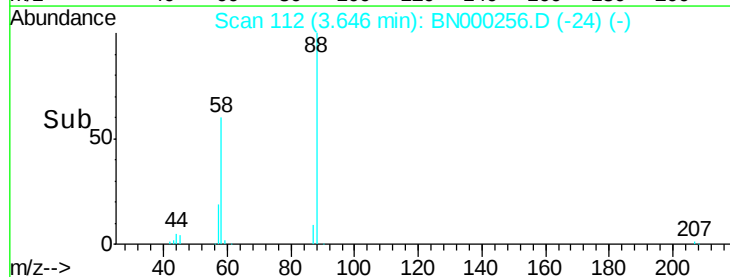
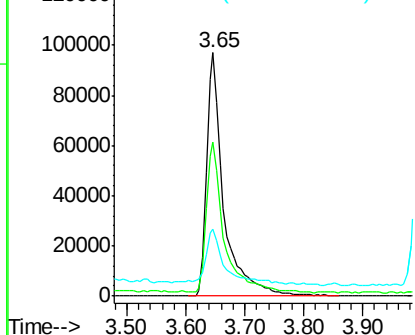
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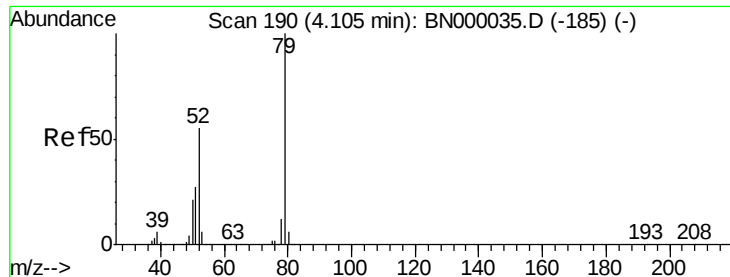
1,4-Dioxane
Concen: 31.980 ng
RT: 3.65 min Scan# 112
Delta R.T. -0.01 min
Lab File: BN000256.D
Acq: 06 Mar 2018 10:48

Tgt Ion: 88 Resp: 195095
Ion Ratio Lower Upper
88 100
58 64.0 52.0 78.0
43 25.1 20.0 30.0



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





#3

Pvridine

Concen: 32.237 ng

RT: 4.09 min Scan# 187

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

BNA_N

ClientSampleId :

PB107064BS

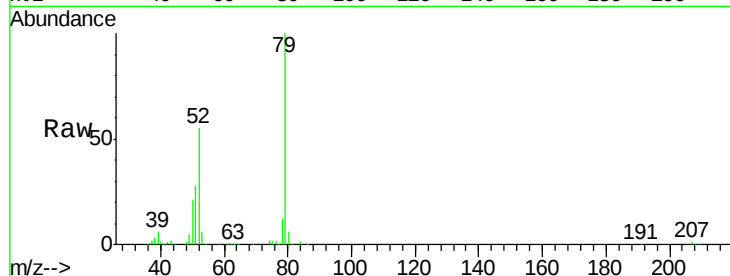
Tot Ion: 79 Resp: 612184

Ion Ratio Lower Upper

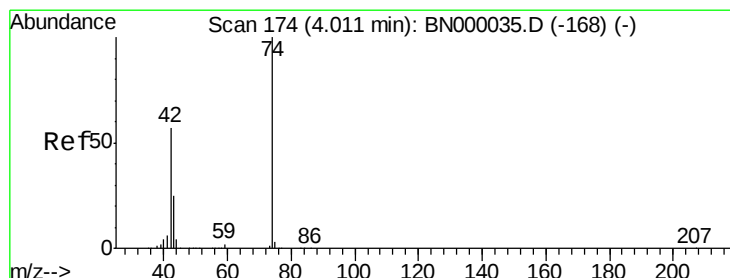
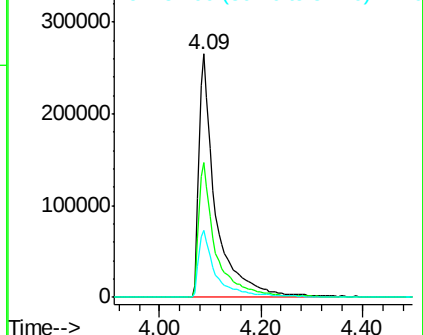
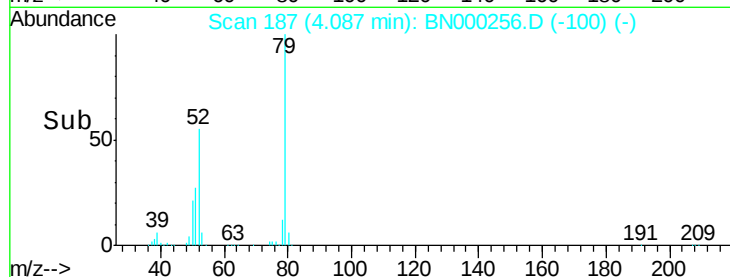
79 100

52 55.1 44.0 66.0

51 27.7 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: 44.285 ng

RT: 4.00 min Scan# 172

Delta R.T. -0.01 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

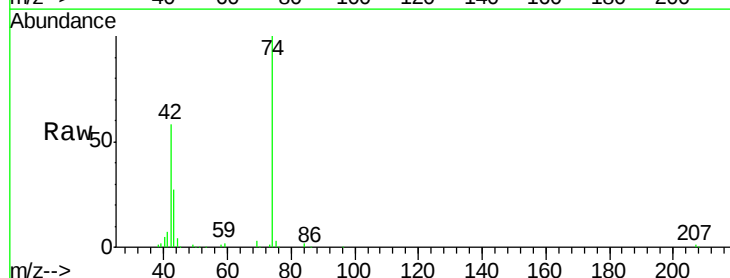
Tgt Ion: 42 Resp: 237825

Ion Ratio Lower Upper

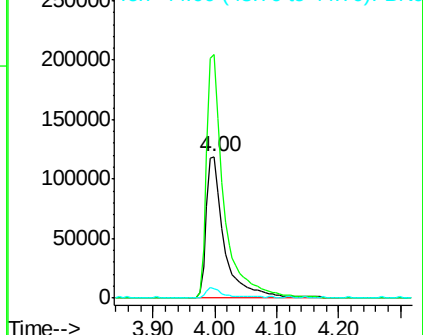
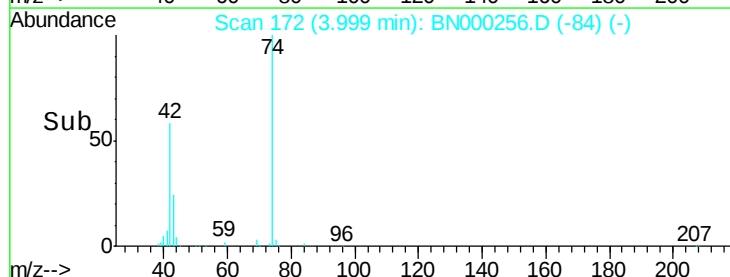
42 100

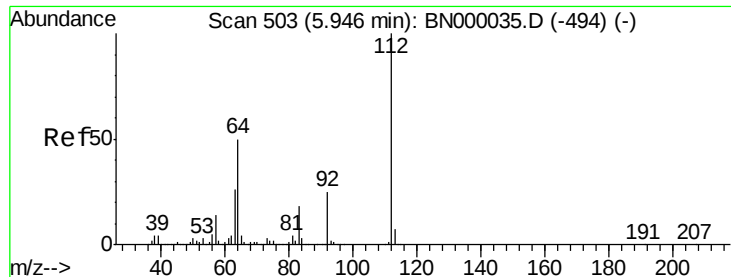
74 171.9 128.0 192.0

44 7.0 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: 170.402 ng

RT: 5.93 min Scan# 500

Delta R.T. -0.02 min

Lab File: BN000256.D

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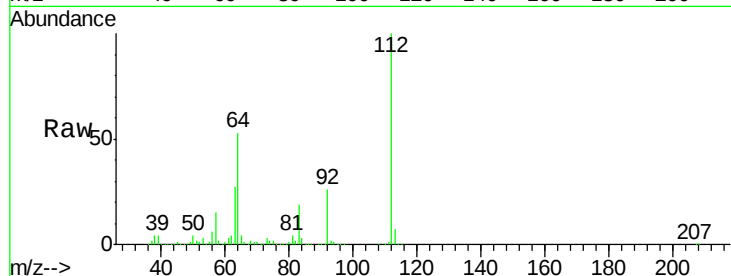
Tot Ion:112 Resp: 2583456

Ion Ratio Lower Upper

112 100

64 53.4 56.3 84.5#

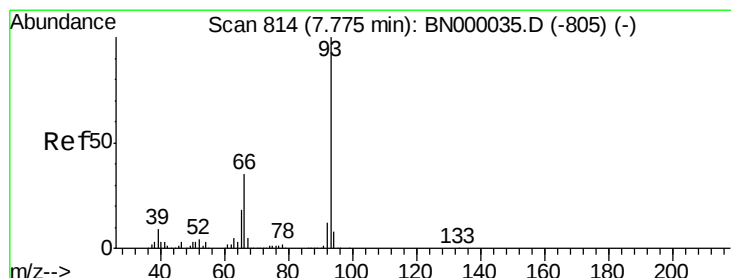
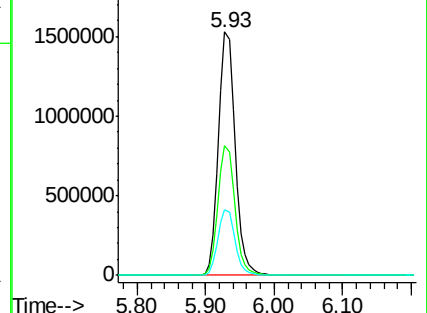
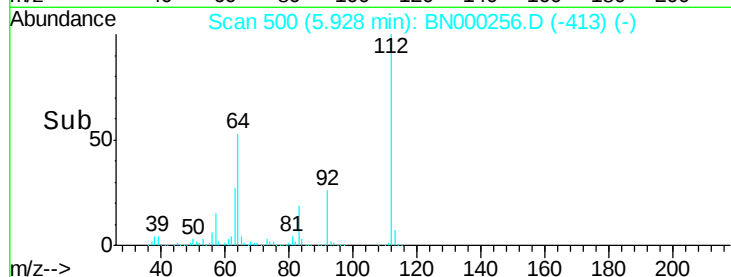
63 27.2 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#6

Aniline

Concen: 26.590 ng

RT: 7.76 min Scan# 811

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

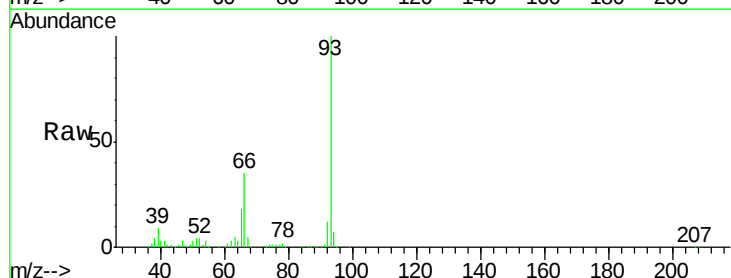
Tgt Ion: 93 Resp: 841265

Ion Ratio Lower Upper

93 100

66 35.3 33.7 50.5

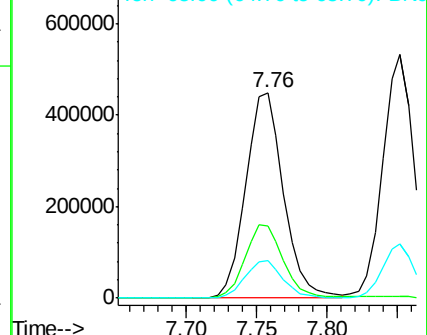
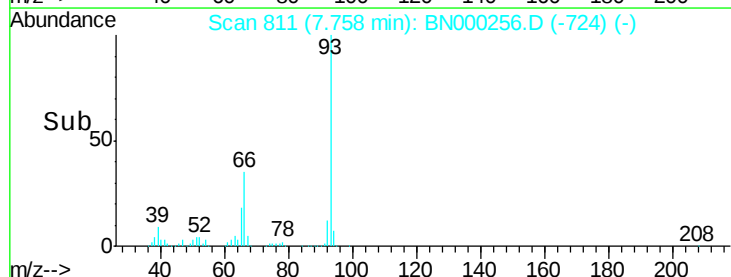
65 18.2 16.1 24.1

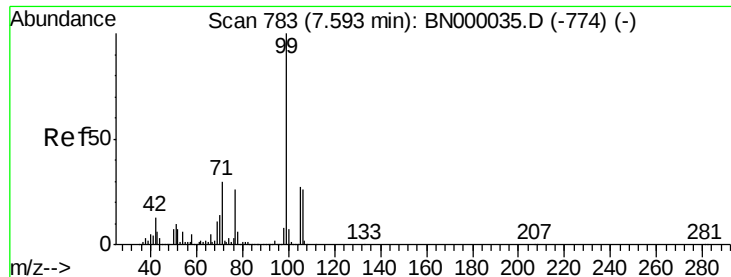


Abundance Ion 93.00 (92.70 to 93.70): BNO

Ion 66.00 (65.70 to 66.70): BNO

Ion 65.00 (64.70 to 65.70): BNO





#7

Phenol-d6

Concen: 159.467 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

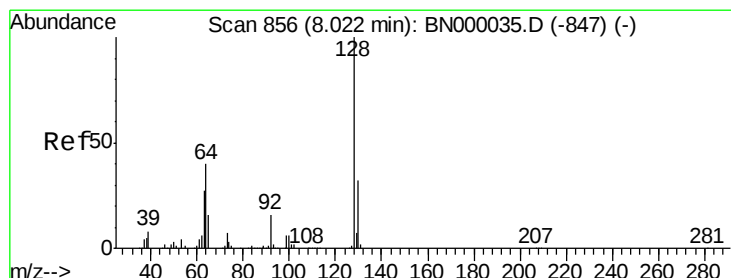
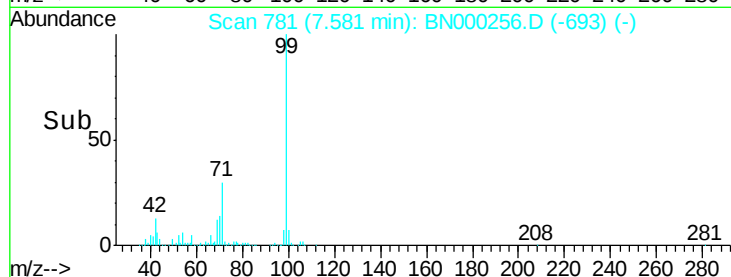
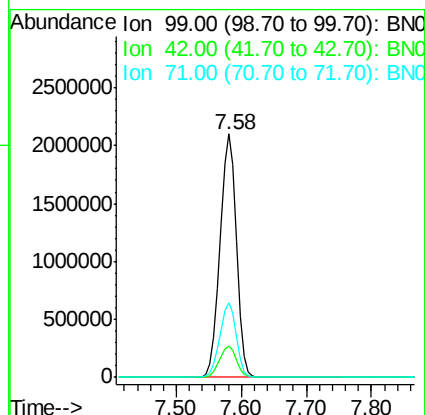
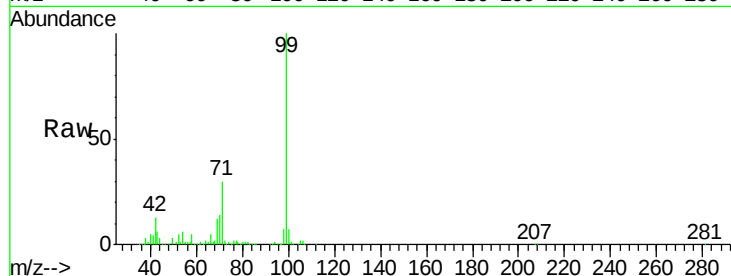
BNA_N

ClientSampled :

PB107064BS

Tot Ion: 99 Resp: 3662173

Ion	Ratio	Lower	Upper
99	100		
42	12.9	14.1	21.1#
71	30.4	26.1	39.1



#8

2-Chlorophenol

Concen: 47.712 ng

RT: 8.00 min Scan# 853

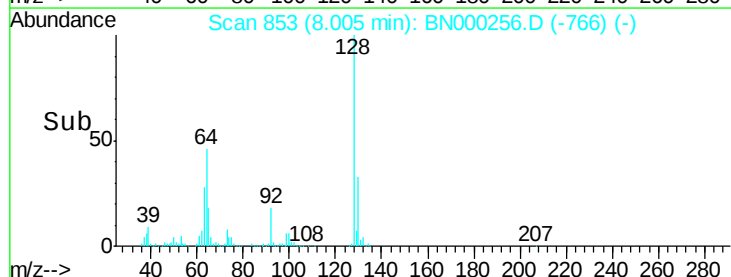
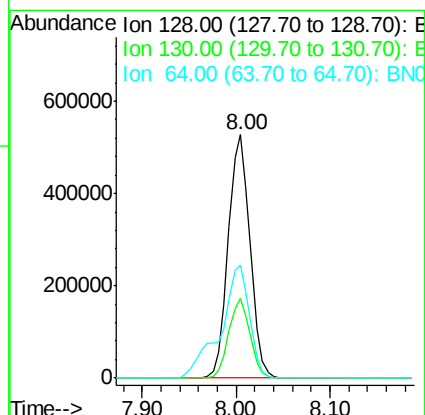
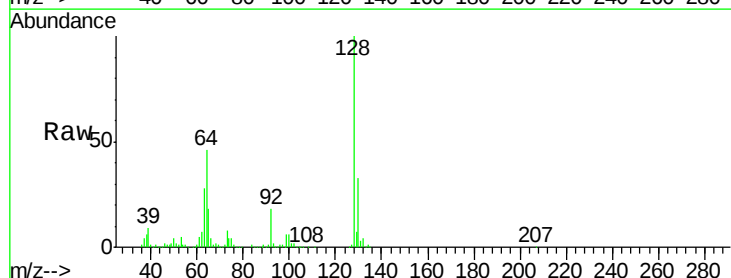
Delta R.T. -0.02 min

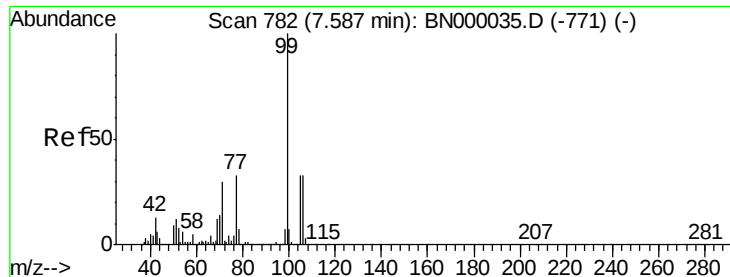
Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Tgt Ion: 128 Resp: 845916

Ion	Ratio	Lower	Upper
128	100		
130	32.5	14.0	54.0
64	46.3	37.7	77.7





#9

Benzaldehyde

Concen: 17.574 ng

RT: 7.56 min Scan# 778

Delta R.T. -0.02 min

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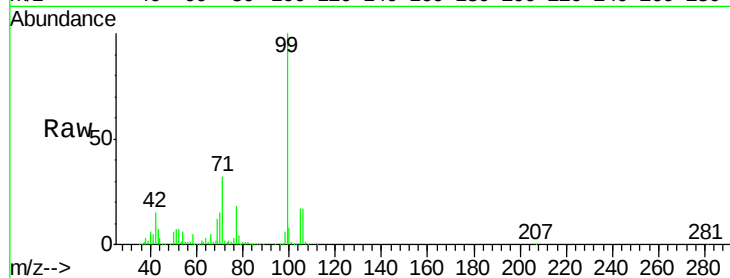
Tot Ion: 77 Resp: 251072

Ion Ratio Lower Upper

77 100

105 98.0 71.3 111.3

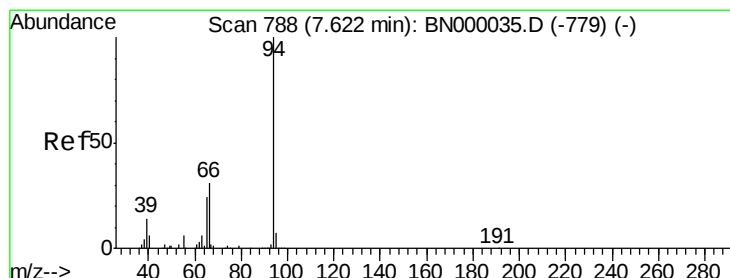
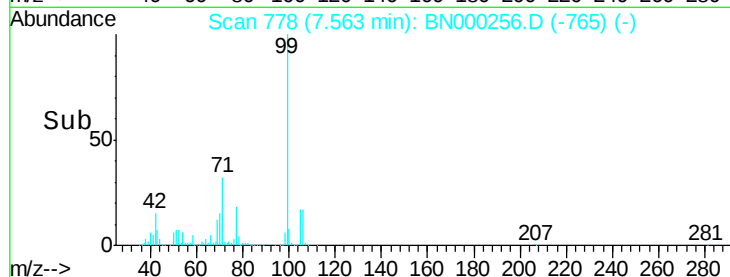
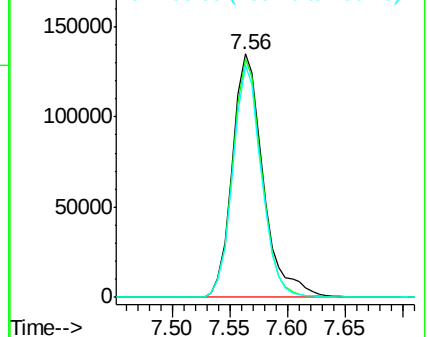
106 95.3 64.2 104.2



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: 50.443 ng

RT: 7.61 min Scan# 786

Delta R.T. -0.01 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

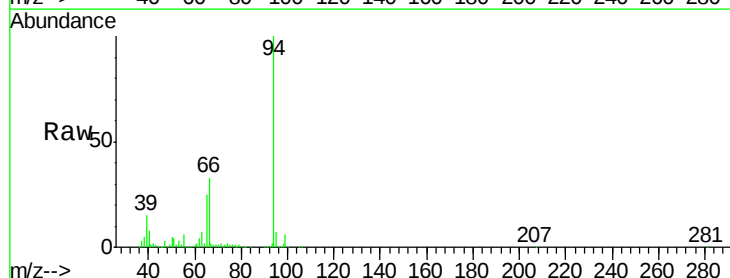
Tgt Ion: 94 Resp: 1222841

Ion Ratio Lower Upper

94 100

65 24.9 11.9 51.9

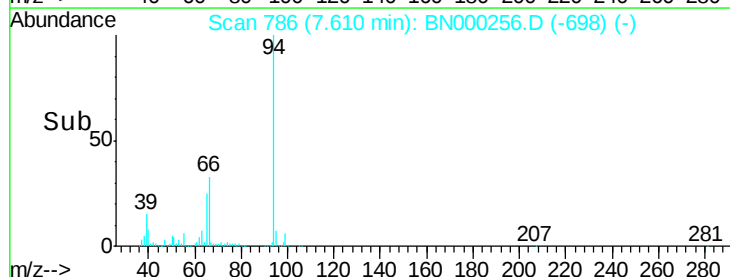
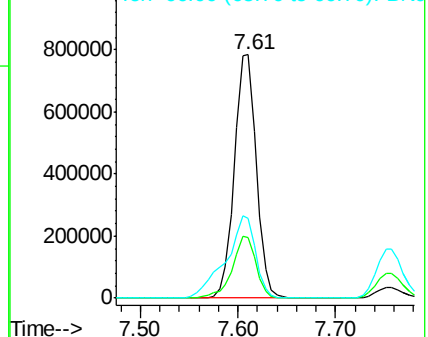
66 32.8 22.2 62.2

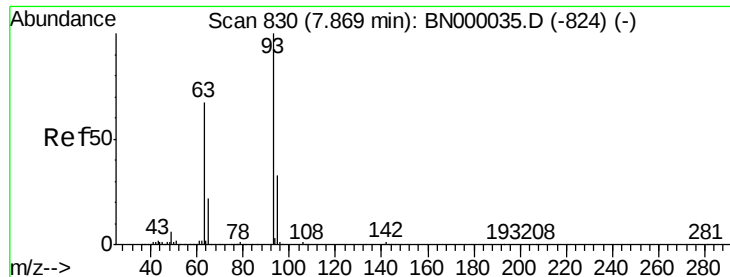


Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0

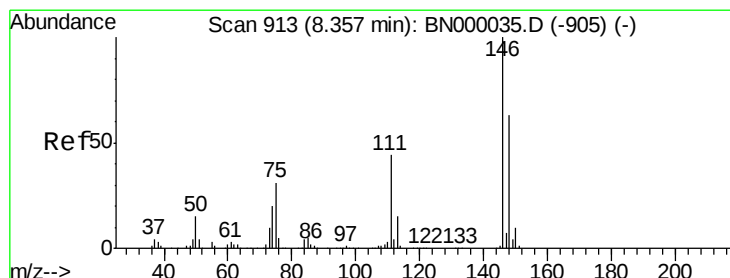
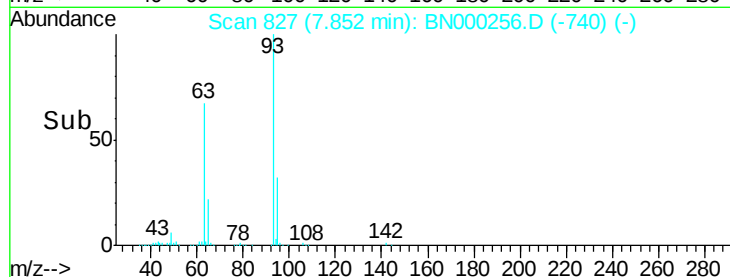
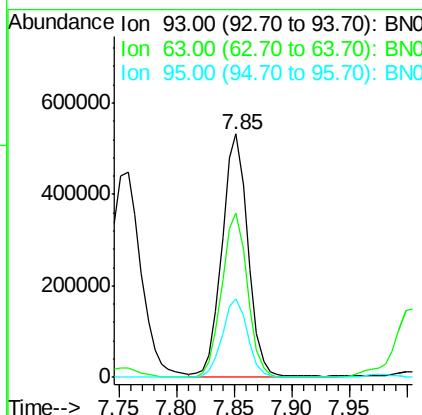
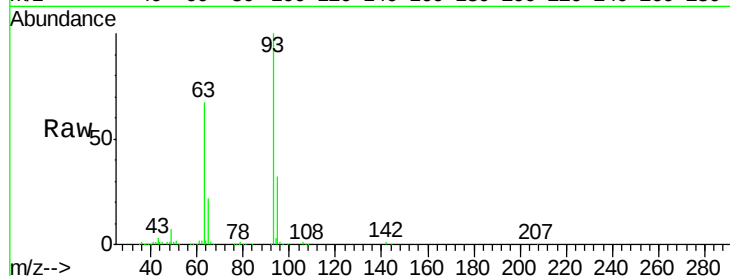




#11
bis(2-Chloroethyl)ether
Concen: 41.734 ng
RT: 7.85 min Scan# 827
Delta R.T. -0.02 min
Lab File: BN000256.D
Acq: 06 Mar 2018 10:48

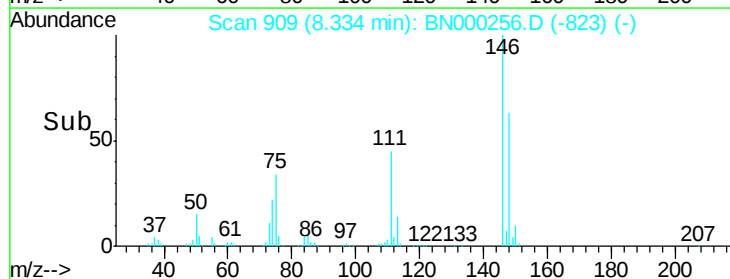
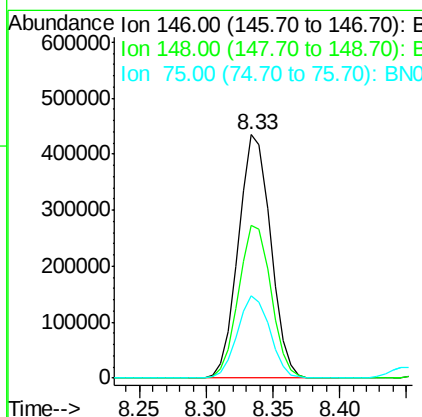
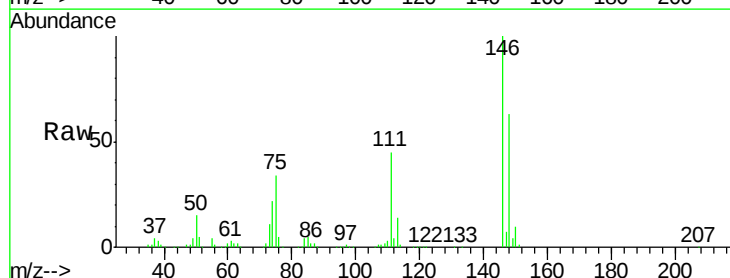
Instrument :
BNA_N
ClientSampleId :
PB107064BS

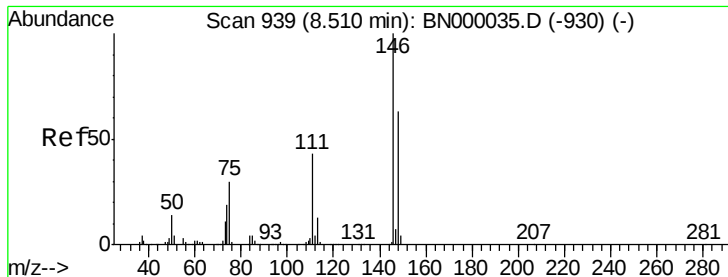
Tot Ion: 93 Resp: 832096
Ion Ratio Lower Upper
93 100
63 67.2 67.1 107.1
95 32.3 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 36.164 ng
RT: 8.33 min Scan# 909
Delta R.T. -0.02 min
Lab File: BN000256.D
Acq: 06 Mar 2018 10:48

Tgt Ion: 146 Resp: 728537
Ion Ratio Lower Upper
146 100
148 62.6 51.4 77.2
75 34.1 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 36.346 ng

RT: 8.49 min Scan# 935

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

BNA_N

ClientSampleId :

PB107064BS

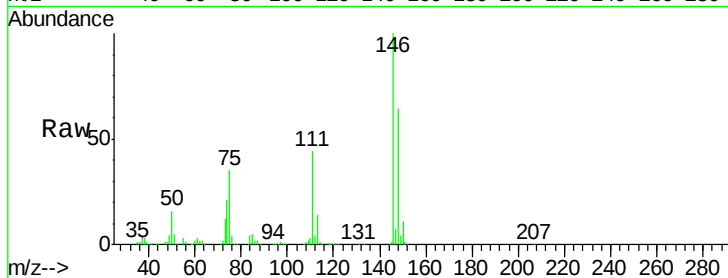
Tot Ion:146 Resp: 747731

Ion Ratio Lower Upper

146 100

148 63.9 53.7 80.5

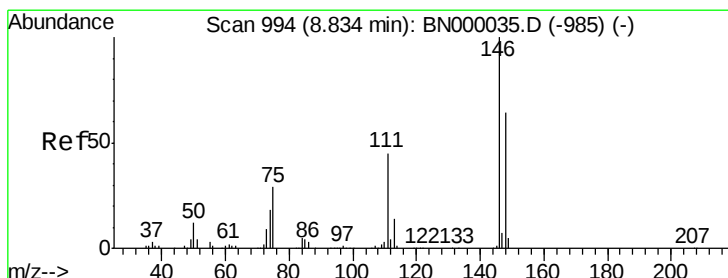
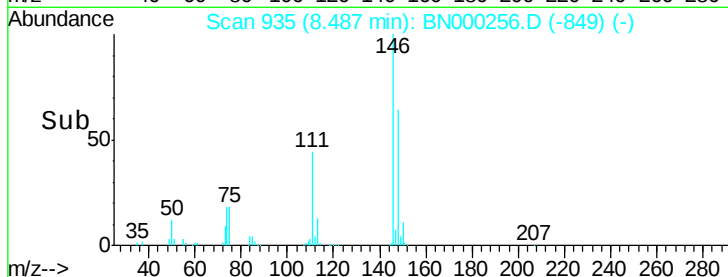
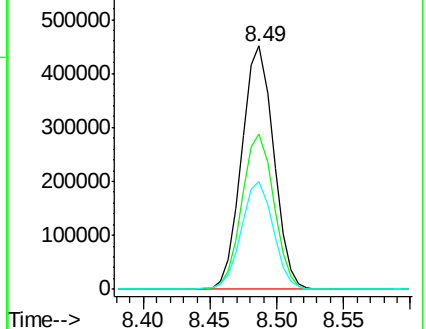
111 44.2 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.605 ng

RT: 8.81 min Scan# 990

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

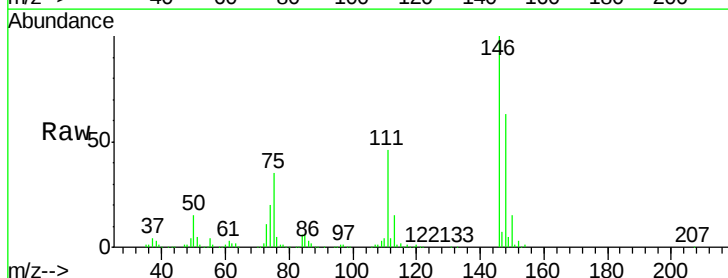
Tgt Ion:146 Resp: 741293

Ion Ratio Lower Upper

146 100

148 63.1 49.3 73.9

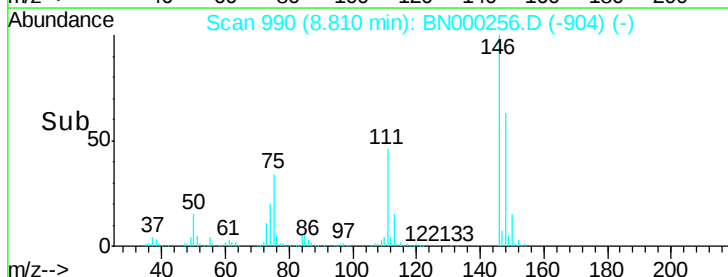
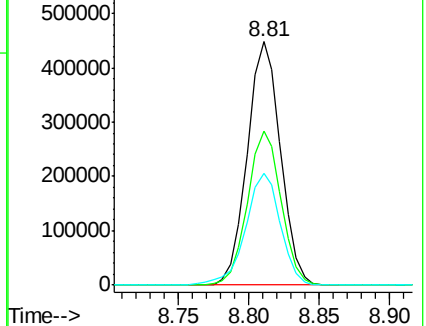
111 46.0 34.3 51.5

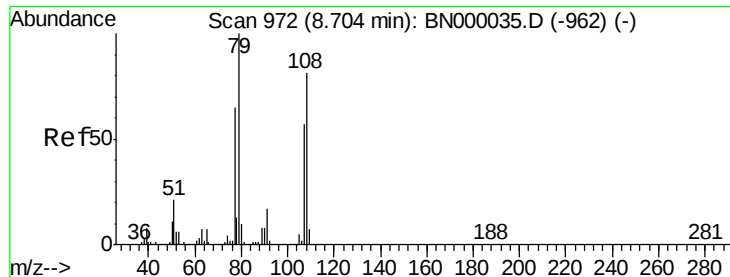


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.673 ng

RT: 8.68 min Scan# 968

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

BNA_N

ClientSampleId :

PB107064BS

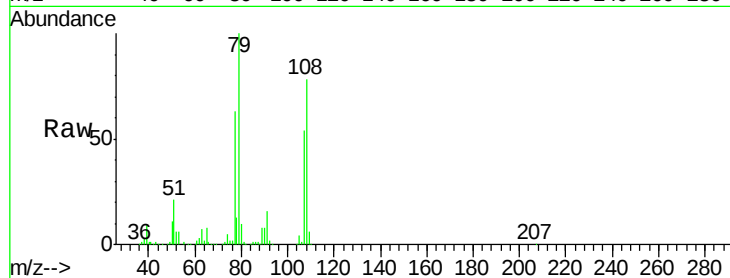
Tot Ion: 79 Resp: 770401

Ion Ratio Lower Upper

79 100

108 77.6 57.2 85.8

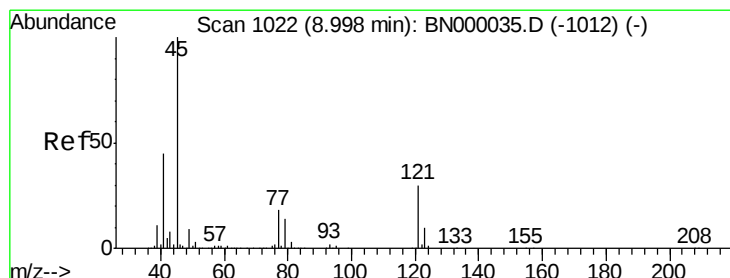
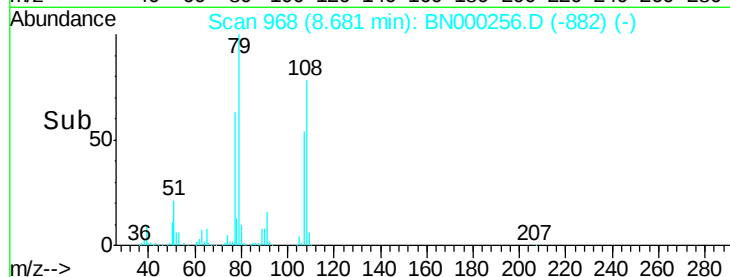
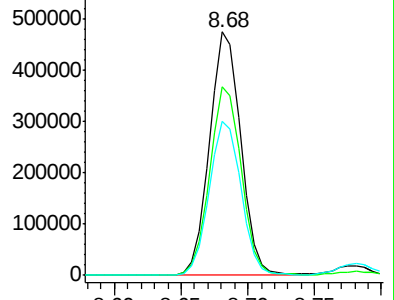
77 63.4 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BN0

Ion 108.00 (107.70 to 108.70): BN0

Ion 77.00 (76.70 to 77.70): BN0



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.611 ng

RT: 8.98 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

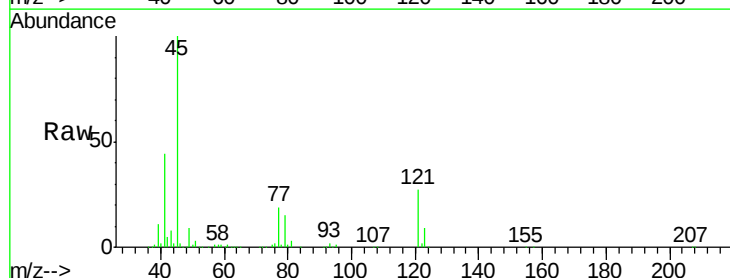
Tgt Ion: 45 Resp: 878139

Ion Ratio Lower Upper

45 100

77 18.6 0.0 30.2

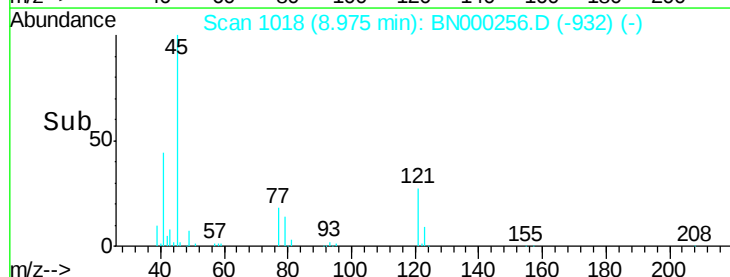
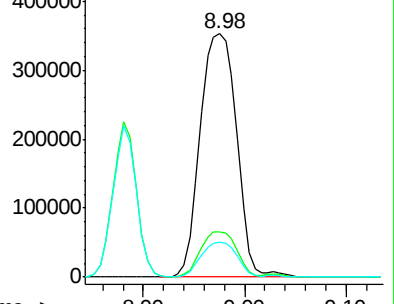
79 14.5 0.0 27.9

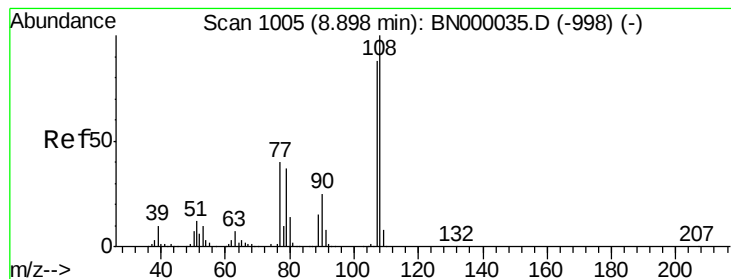


Abundance Ion 45.00 (44.70 to 45.70): BN0

Ion 77.00 (76.70 to 77.70): BN0

Ion 79.00 (78.70 to 79.70): BN0





#17

2-Methylphenol

Concen: 46.385 ng

RT: 8.88 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

BNA_N

ClientSampleId :

PB107064BS

Tot Ion:107 Resp: 799083

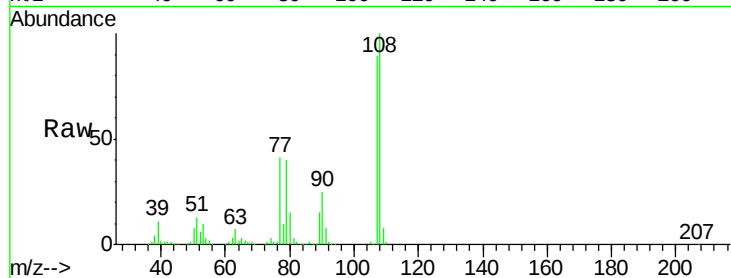
Ion Ratio Lower Upper

107 100

108 112.1 83.9 125.9

77 45.5 37.2 55.8

79 44.4 36.2 54.2



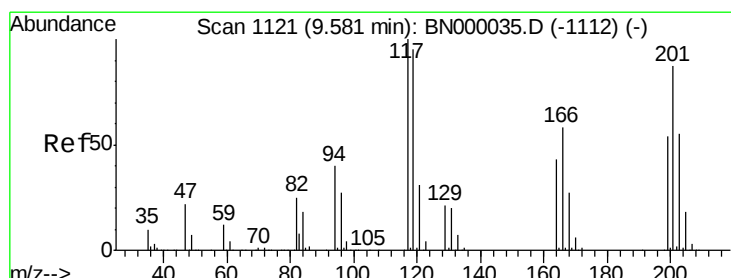
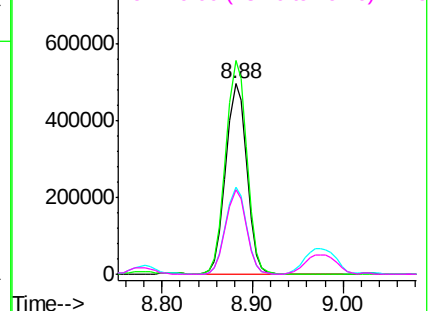
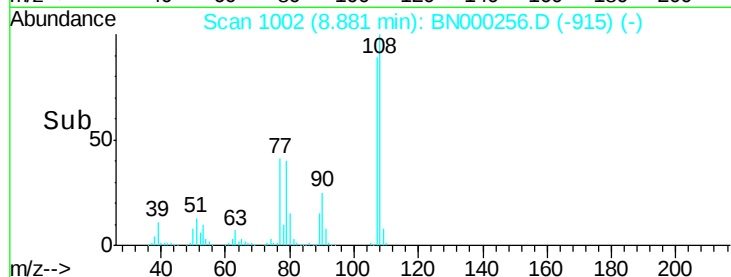
Abundance

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: 37.926 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.03 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

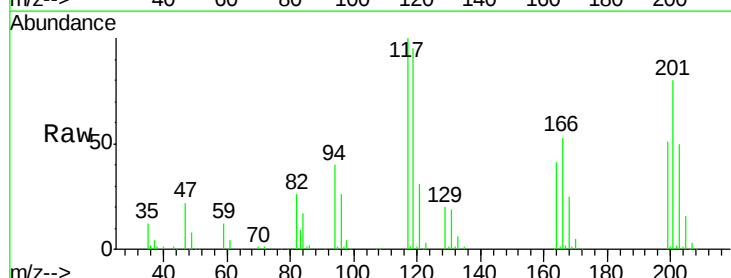
Tgt Ion:117 Resp: 271604

Ion Ratio Lower Upper

117 100

119 94.9 76.7 115.1

201 80.4 95.7 143.5#

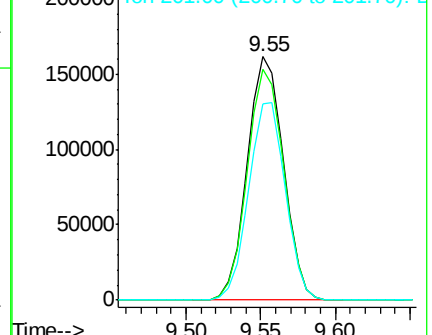
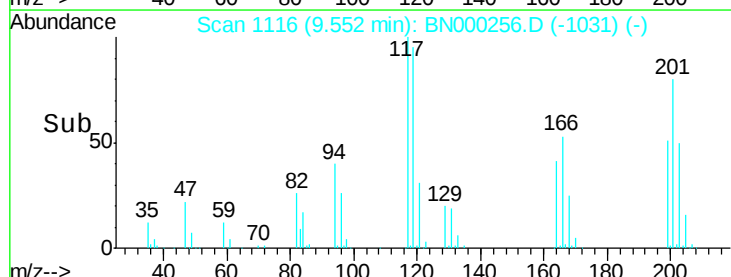


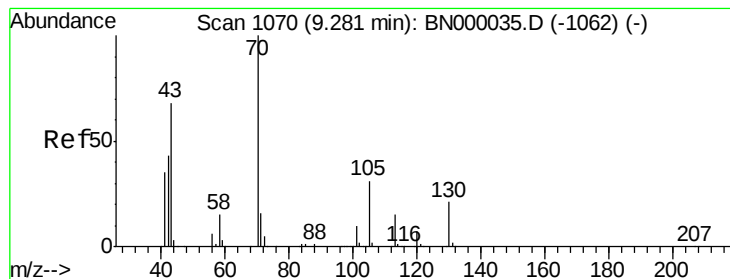
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.386 ng

RT: 9.26 min Scan# 1066

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

BNA_N

ClientSampleId :

PB107064BS

Tot Ion: 70 Resp: 636875

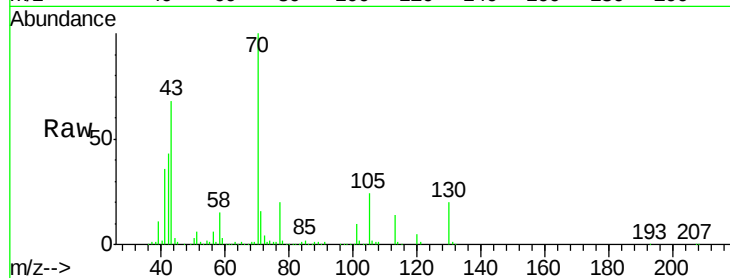
Ion Ratio Lower Upper

70 100

42 43.4 49.1 73.7#

101 9.8 8.5 12.7

130 20.1 13.4 20.0#



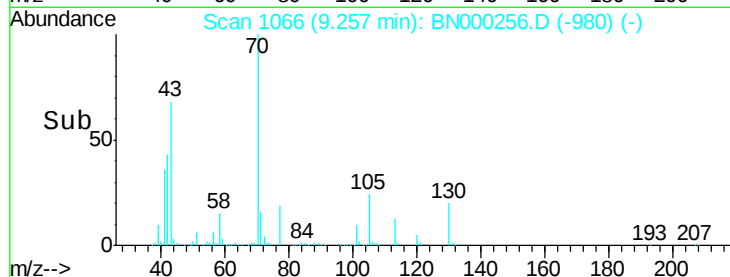
Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Time-->



Abundance

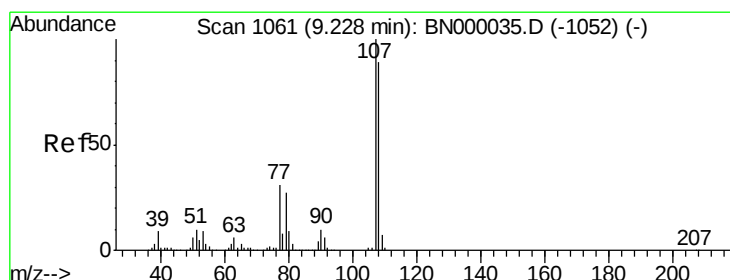
Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Time-->



#20

3+4-Methylphenols

Concen: 45.125 ng

RT: 9.21 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Tgt Ion: 107 Resp: 1087236

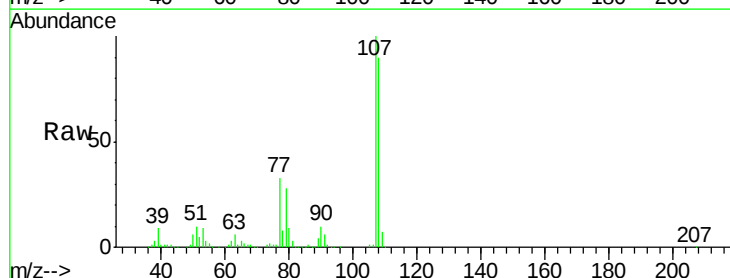
Ion Ratio Lower Upper

107 100

108 89.9 61.6 101.6

77 32.6 13.9 53.9

79 27.8 8.8 48.8



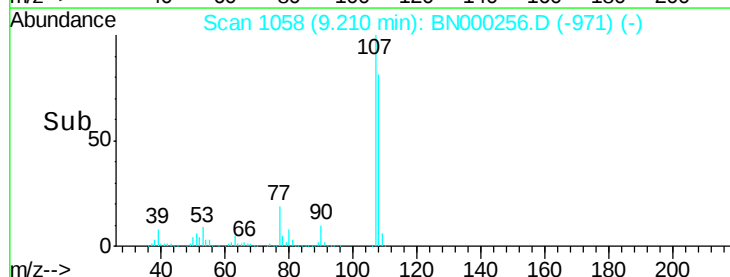
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BN0

Ion 79.00 (78.70 to 79.70): BN0

Time-->



Abundance

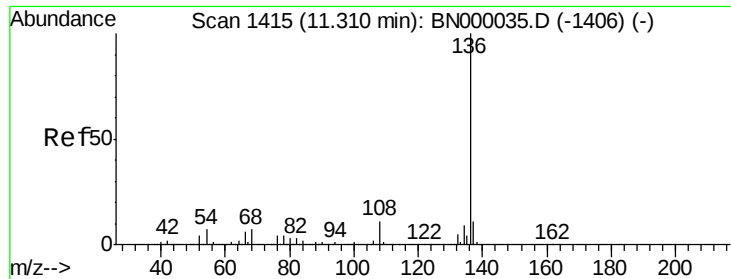
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BN0

Ion 79.00 (78.70 to 79.70): BN0

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.29 min Scan# 1411

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

BNA_N

ClientSampleId :

PB107064BS

Tot Ion:136 Resp: 1247431

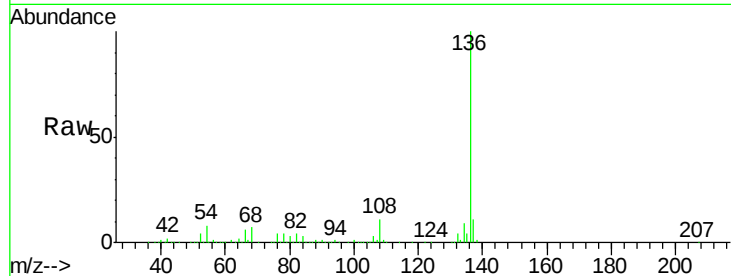
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.6 10.3 15.5#

68 7.1 4.5 6.7#

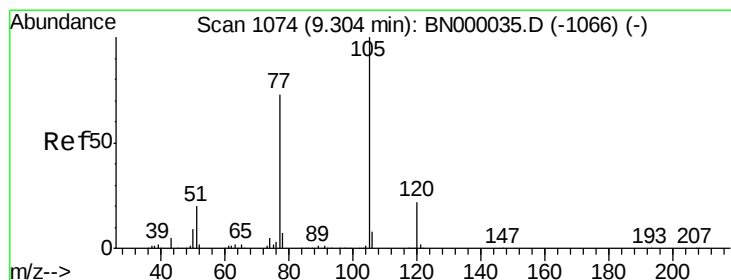
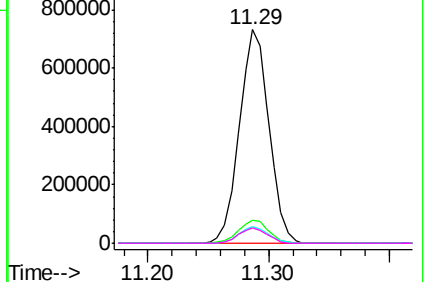
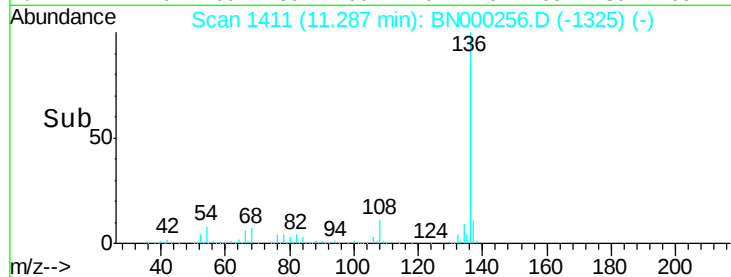


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#22

Acetophenone

Concen: 37.498 ng

RT: 9.28 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Tgt Ion:105 Resp: 1310783

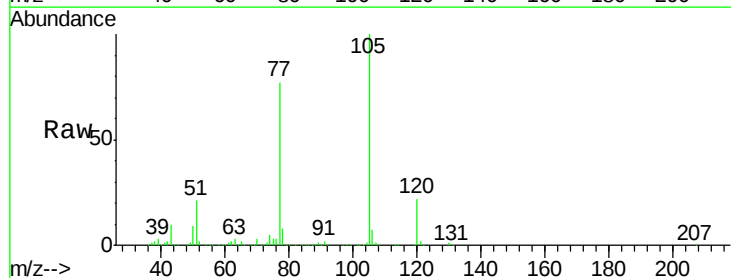
Ion Ratio Lower Upper

105 100

71 0.4 3.0 4.4#

51 21.1 26.1 39.1#

120 22.3 17.4 26.2

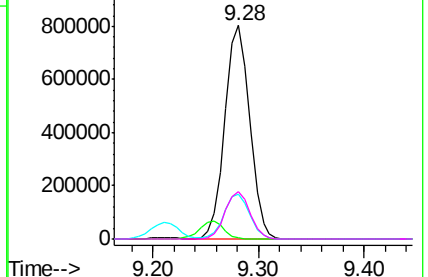
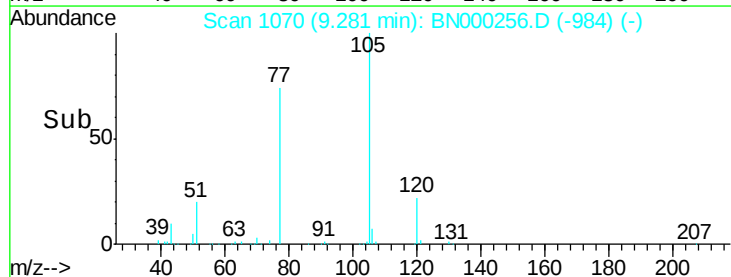


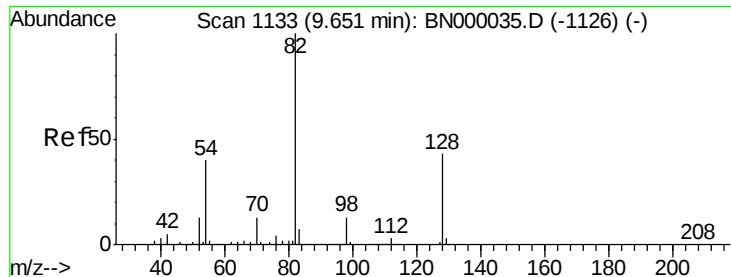
Abundance Ion 105.00 (104.70 to 105.70): E

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

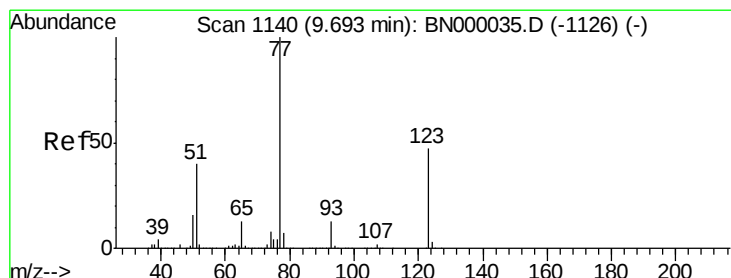
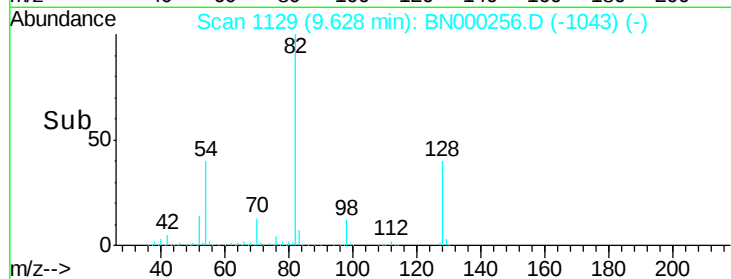
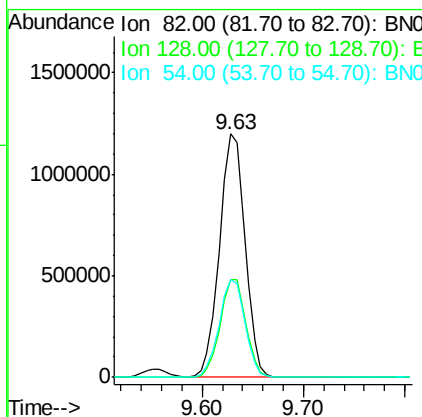
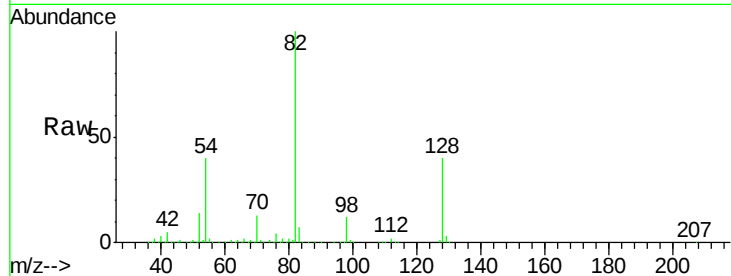




#23
 Nitrobenzene-d5
 Concen: 100.023 ng
 RT: 9.63 min Scan# 1129
 Delta R.T. -0.02 min
 Lab File: BN000256.D
 Acq: 06 Mar 2018 10:48

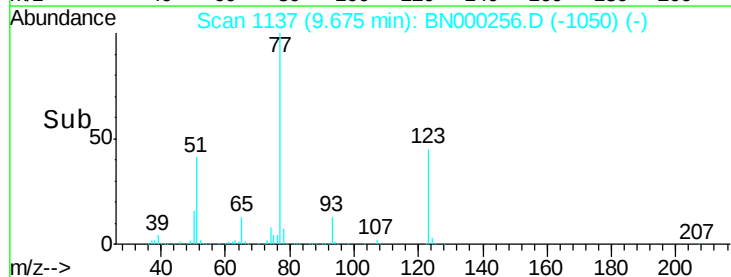
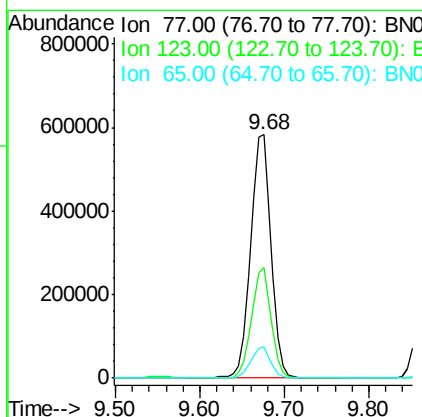
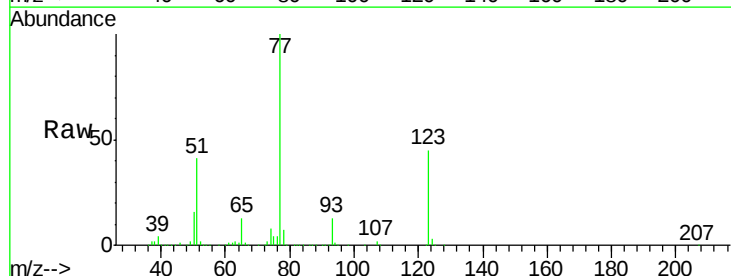
Instrument :
 BNA_N
 ClientSampleId :
 PB107064BS

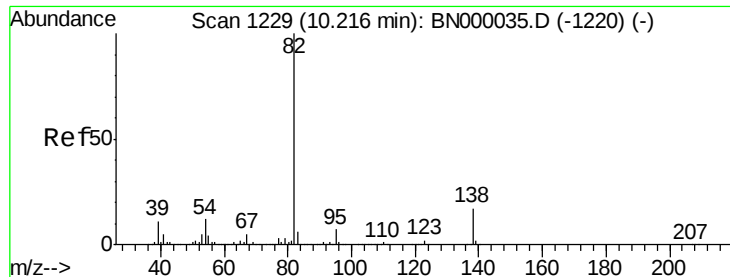
Tot Ion: 82 Resp: 2098572
 Ion Ratio Lower Upper
 82 100
 128 40.4 29.7 44.5
 54 40.0 43.1 64.7#



#24
 Nitrobenzene
 Concen: 43.097 ng
 RT: 9.68 min Scan# 1137
 Delta R.T. -0.02 min
 Lab File: BN000256.D
 Acq: 06 Mar 2018 10:48

Tgt Ion: 77 Resp: 988508
 Ion Ratio Lower Upper
 77 100
 123 45.3 33.0 49.6
 65 12.7 13.0 19.6#





#25

Isophorone

Concen: 43.400 ng

RT: 10.19 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

BNA_N

ClientSampleId :

PB107064BS

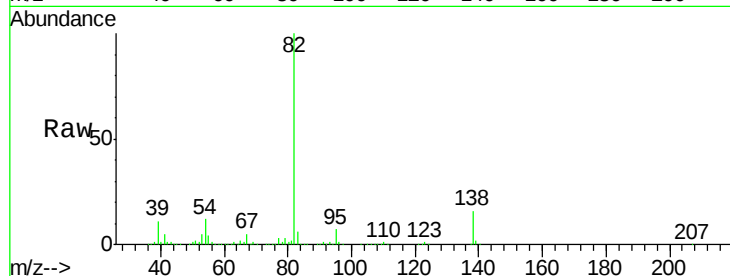
Tot Ion: 82 Resp: 1882275

Ion Ratio Lower Upper

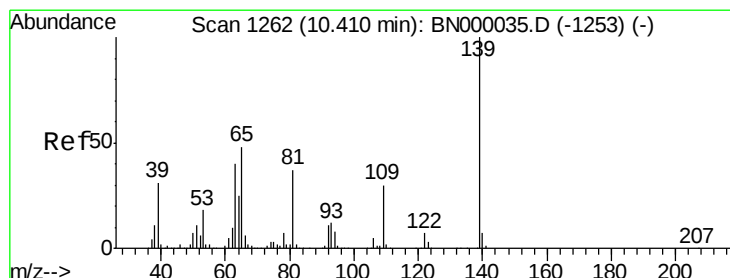
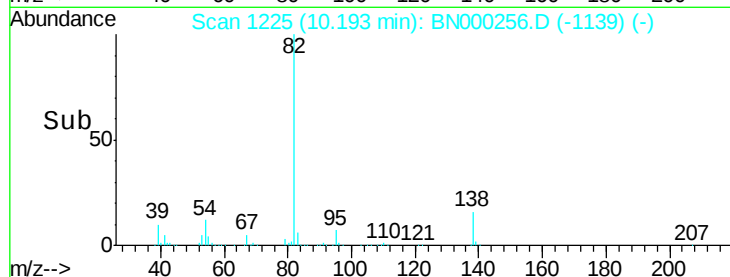
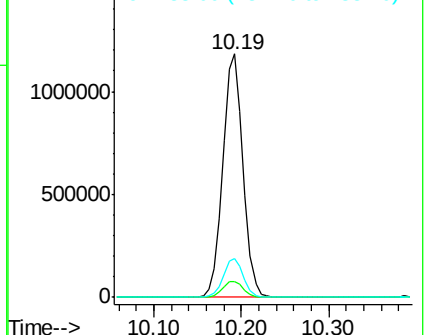
82 100

95 6.7 6.2 9.2

138 16.0 12.1 18.1



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



#26

2-Nitrophenol

Concen: 41.950 ng

RT: 10.39 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

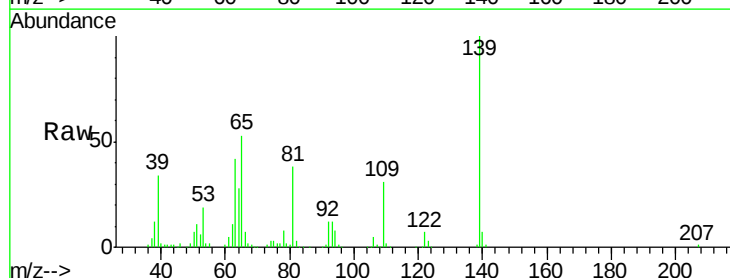
Tgt Ion: 139 Resp: 384281

Ion Ratio Lower Upper

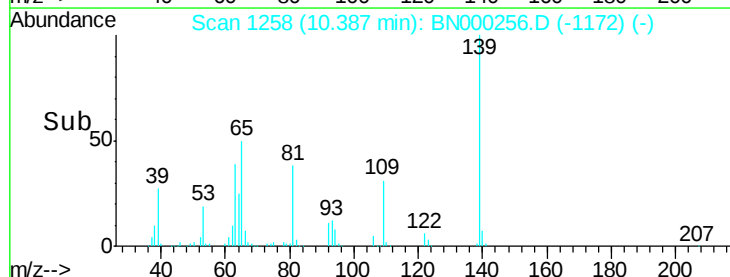
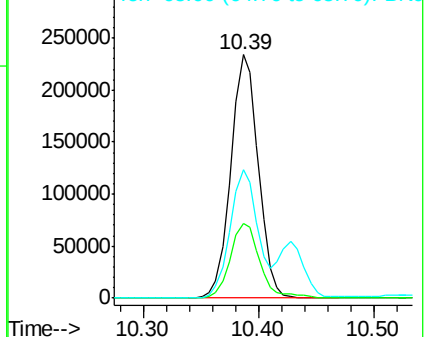
139 100

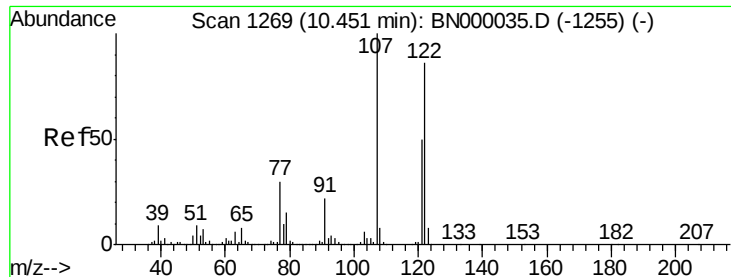
109 30.5 24.2 36.2

65 53.0 47.4 71.0



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

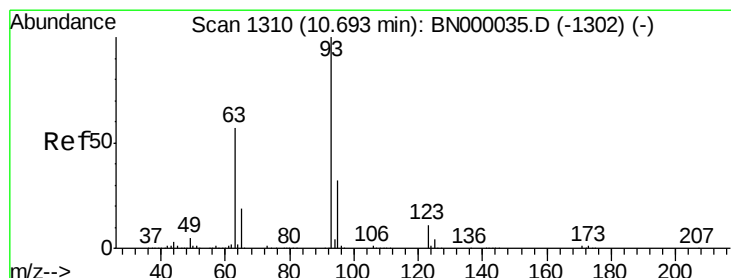
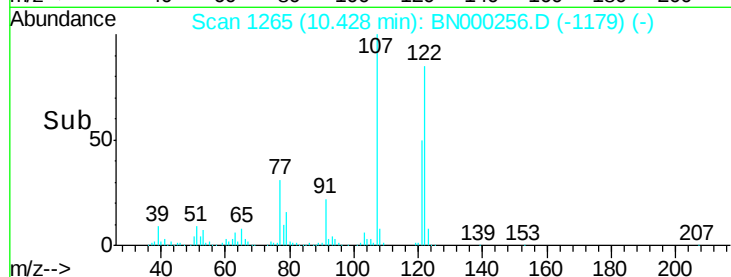
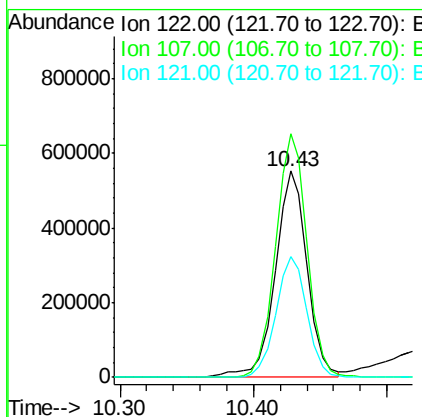
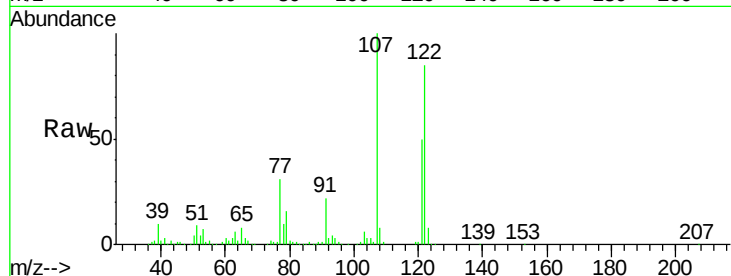




#27
2,4-Dimethylphenol
Concen: 48.932 ng
RT: 10.43 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BN000256.D
Acq: 06 Mar 2018 10:48

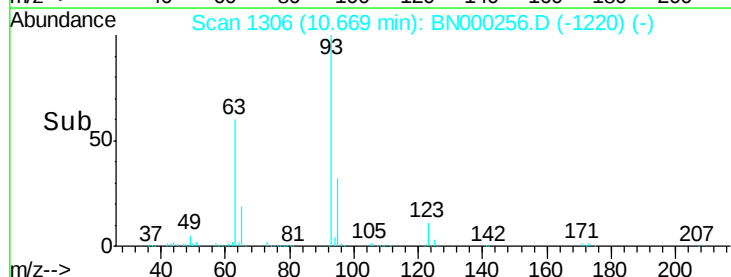
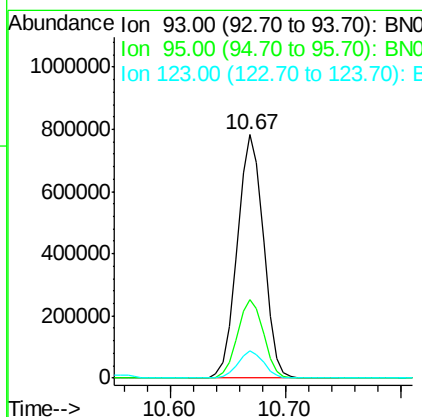
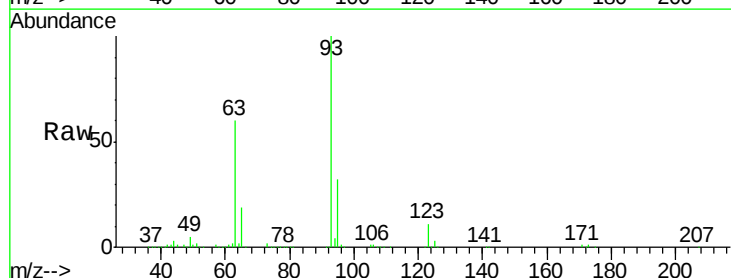
Instrument :
BNA_N
ClientSampleId :
PB107064BS

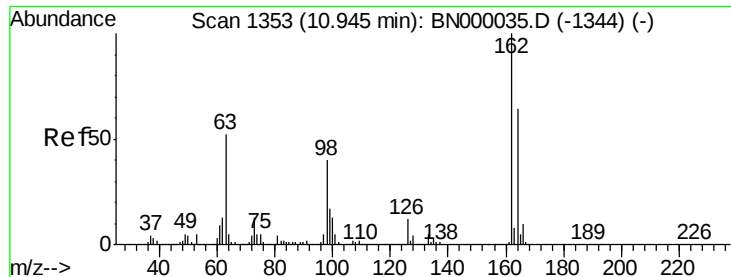
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.1	100.2	150.2
121	58.7	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.080 ng
RT: 10.67 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BN000256.D
Acq: 06 Mar 2018 10:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	24.3	36.5
123	11.0	8.4	12.6

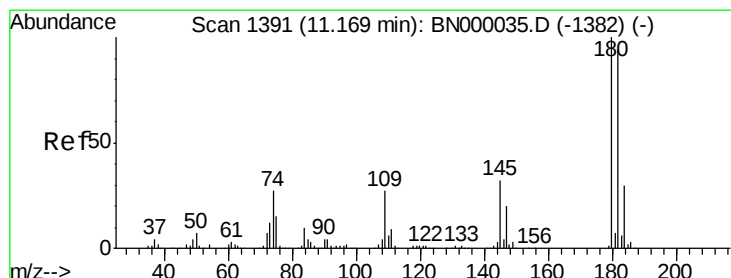
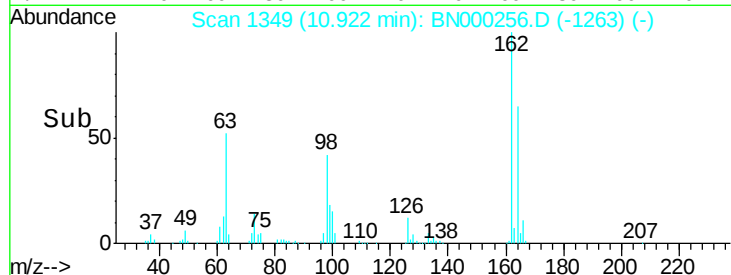
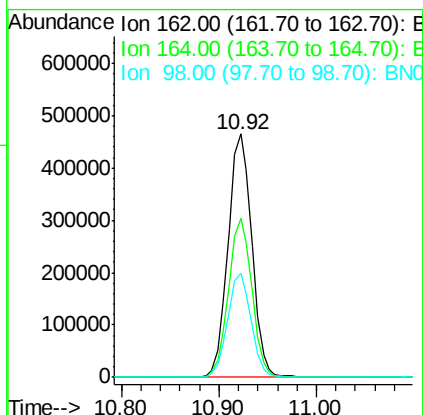
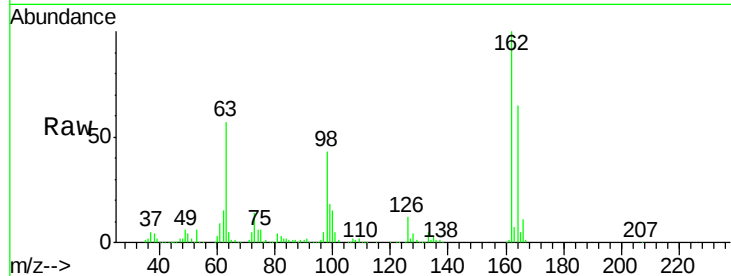




#29
2,4-Dichlorophenol
Concen: 45.306 ng
RT: 10.92 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BN000256.D
Acq: 06 Mar 2018 10:48

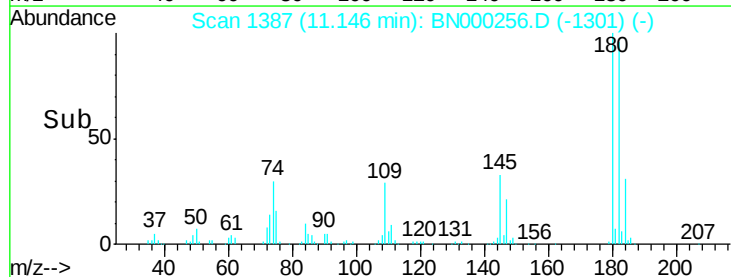
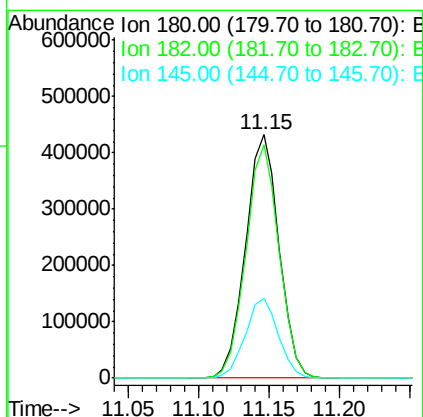
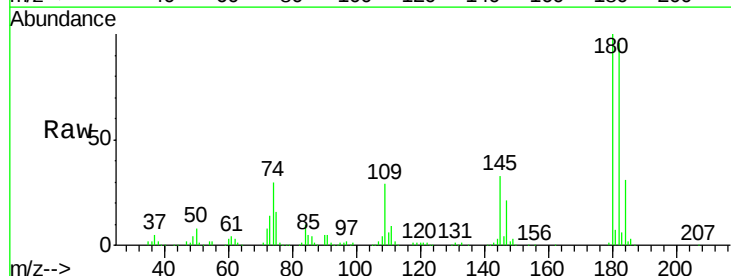
Instrument :
BNA_N
ClientSampleId :
PB107064BS

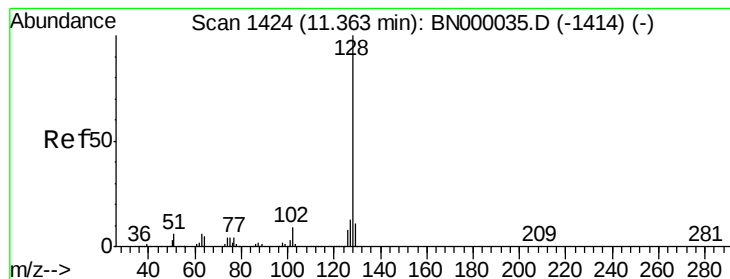
Tot Ion:162 Resp: 788364
Ion Ratio Lower Upper
162 100
164 65.4 48.0 88.0
98 42.6 21.1 61.1



#30
1,2,4-Trichlorobenzene
Concen: 35.785 ng
RT: 11.15 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BN000256.D
Acq: 06 Mar 2018 10:48

Tgt Ion:180 Resp: 717084
Ion Ratio Lower Upper
180 100
182 96.0 77.5 116.3
145 32.6 23.4 35.2

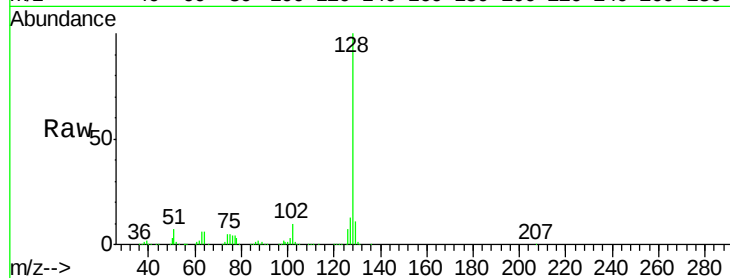




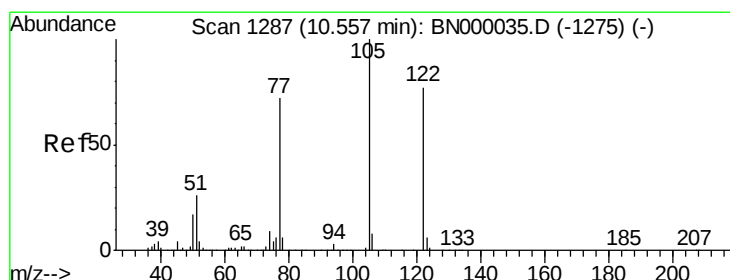
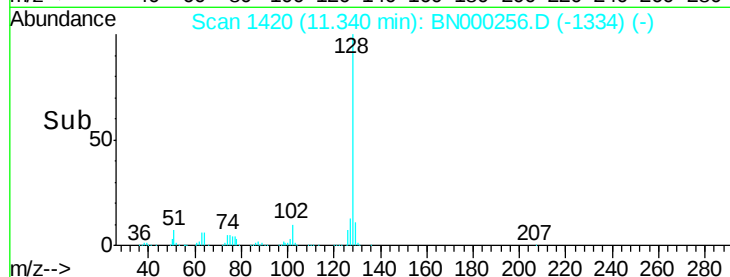
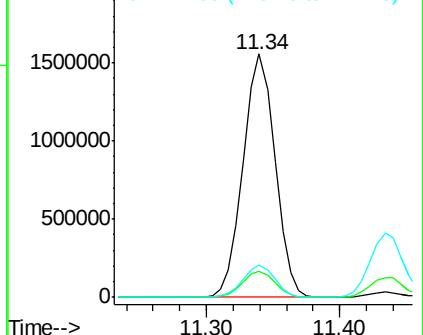
#31
Naphthalene
Concen: 37.728 ng
RT: 11.34 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BN000256.D
Acq: 06 Mar 2018 10:48

Instrument :
BNA_N
ClientSampleId :
PB107064BS

Tot Ion:128 Resp: 2580138
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.3 11.6 17.4

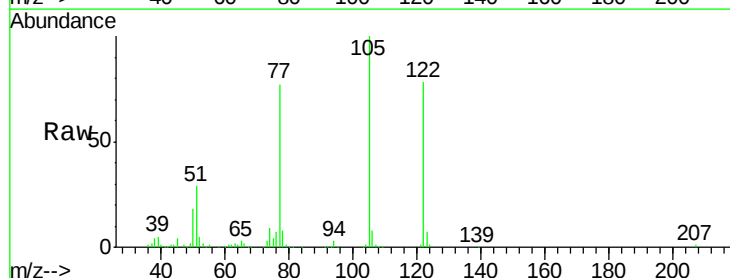


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

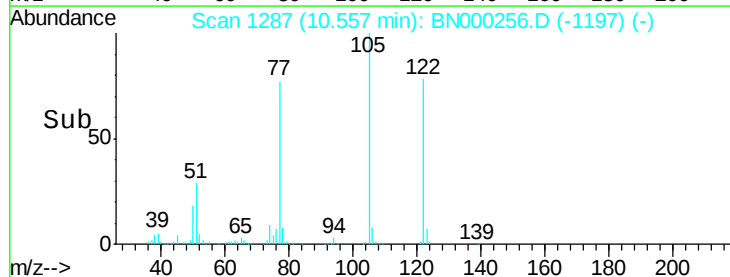
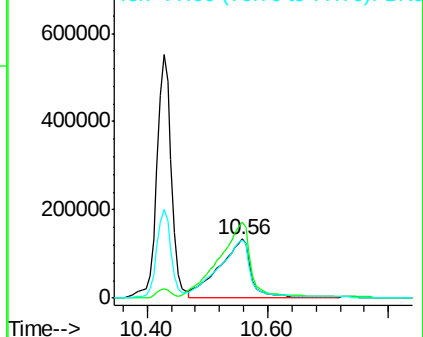


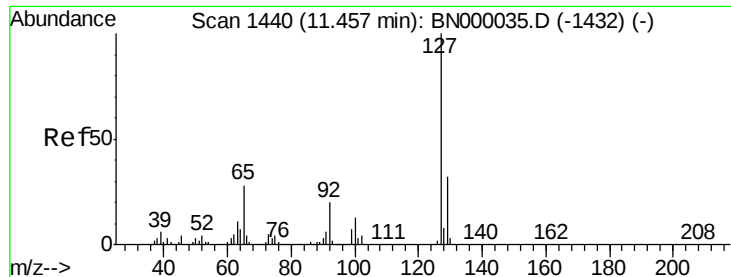
#32
Benzoic acid
Concen: 37.643 ng
RT: 10.56 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN000256.D
Acq: 06 Mar 2018 10:48

Tgt Ion:122 Resp: 484827
Ion Ratio Lower Upper
122 100
105 127.9 123.5 163.5
77 98.3 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BNC

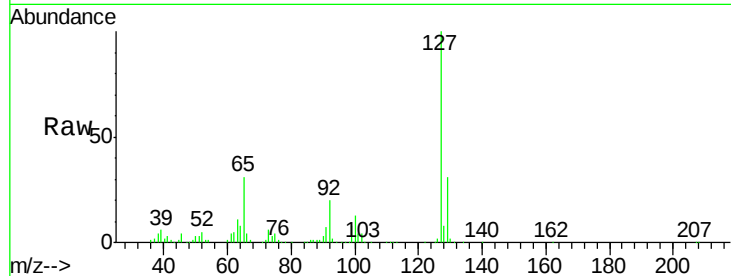




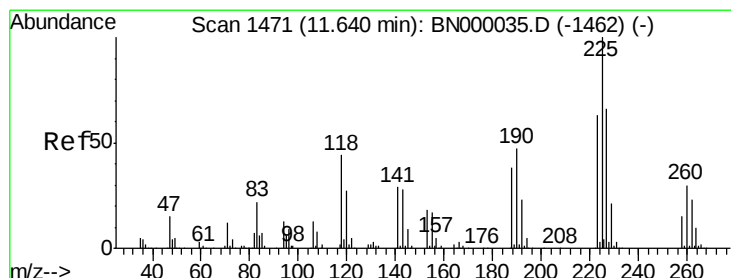
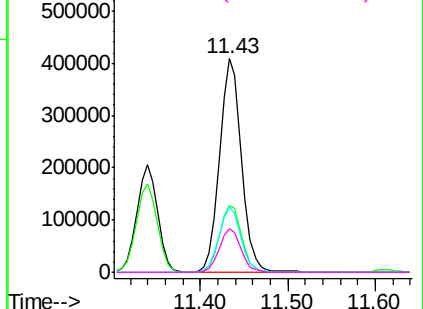
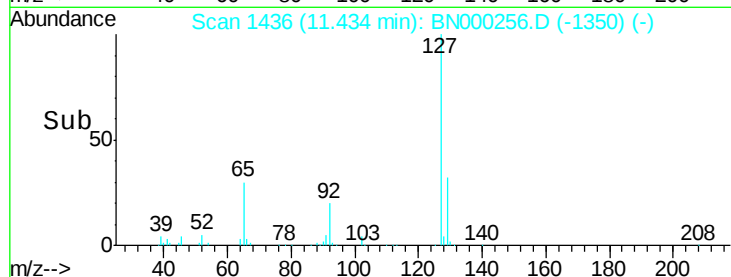
#33
4-Chloroaniline
Concen: 23.504 ng
RT: 11.43 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BN000256.D
Acq: 06 Mar 2018 10:48

Instrument :
BNA_N
ClientSampleId :
PB107064BS

Tot Ion:	127	Resp:	706112
Ion	Ratio	Lower	Upper
127	100		
129	31.5	24.0	36.0
65	30.6	27.0	40.4
92	20.5	16.6	25.0

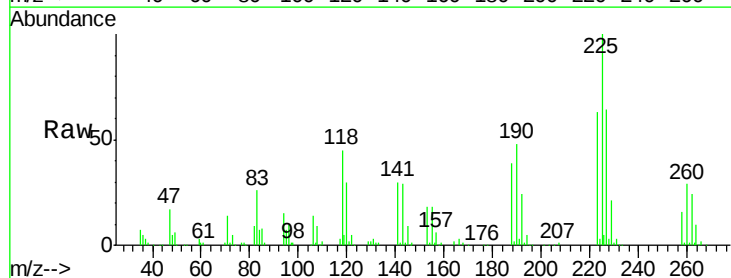


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

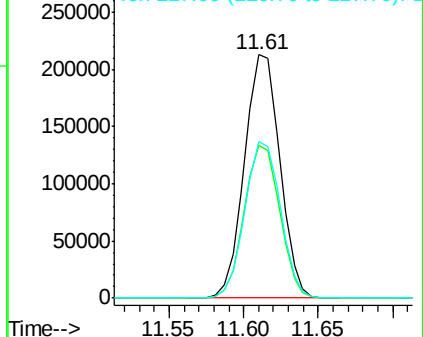
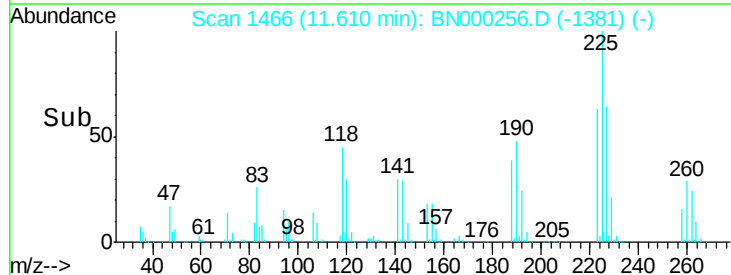


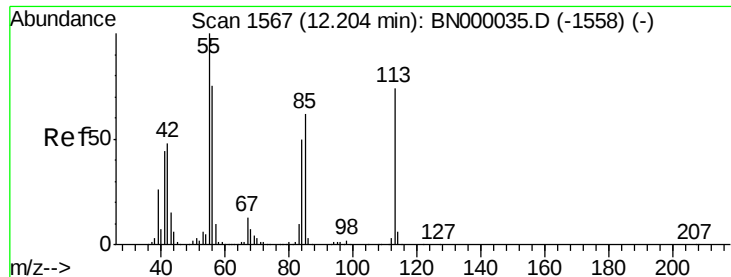
#34
Hexachlorobutadiene
Concen: 33.712 ng
RT: 11.61 min Scan# 1466
Delta R.T. -0.03 min
Lab File: BN000256.D
Acq: 06 Mar 2018 10:48

Tgt Ion:	225	Resp:	350298
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.7	74.5
227	64.3	48.1	72.1



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





#35

Caprolactam

Concen: 41.694 ng

RT: 12.20 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

BNA_N

ClientSampleId :

PB107064BS

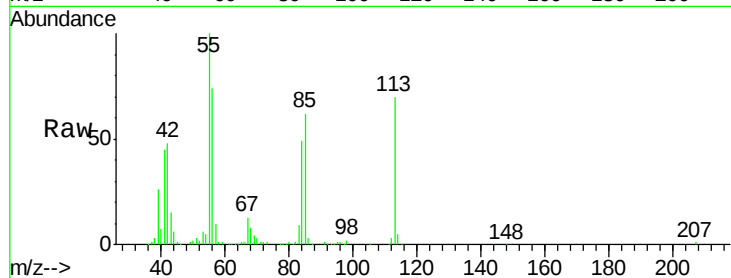
Tot Ion:113 Resp: 312737

Ion Ratio Lower Upper

113 100

55 142.1 120.0 160.0

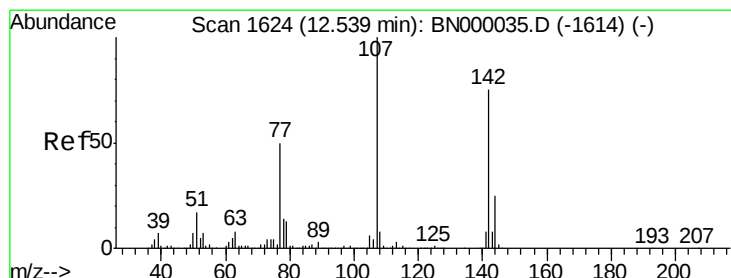
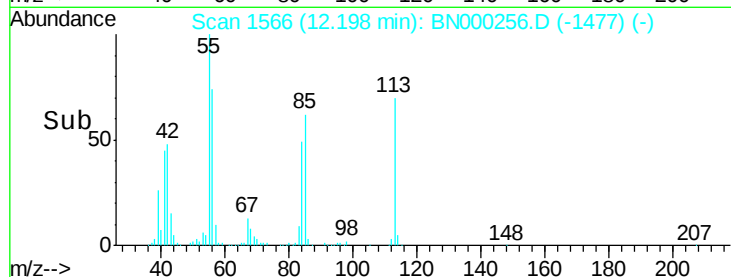
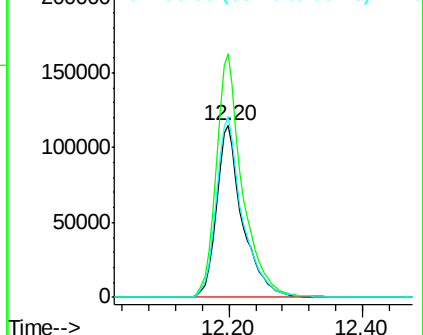
56 105.7 90.0 130.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 45.674 ng

RT: 12.53 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

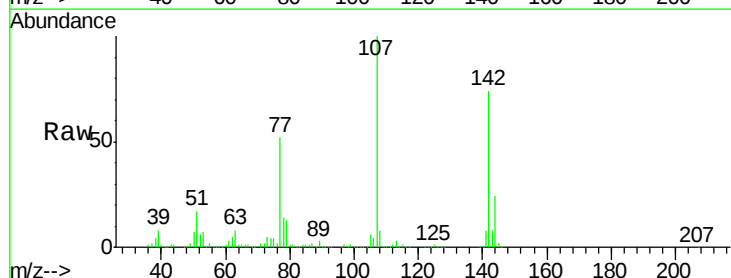
Tgt Ion:107 Resp: 1009014

Ion Ratio Lower Upper

107 100

144 24.3 18.2 27.4

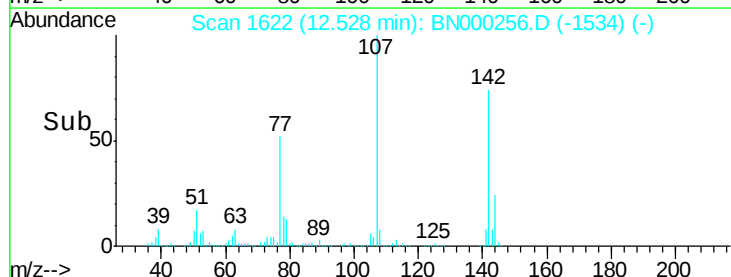
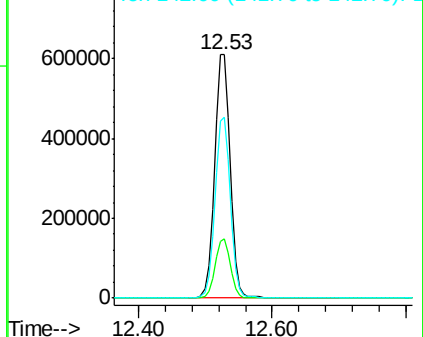
142 74.1 59.0 88.4

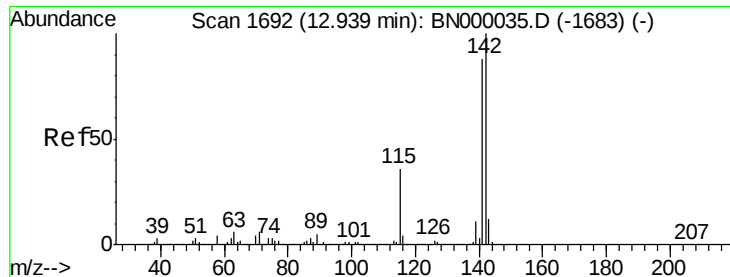


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

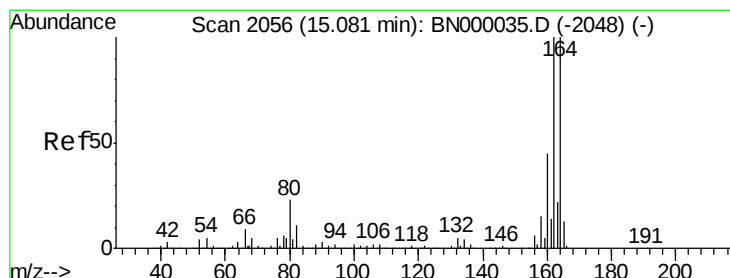
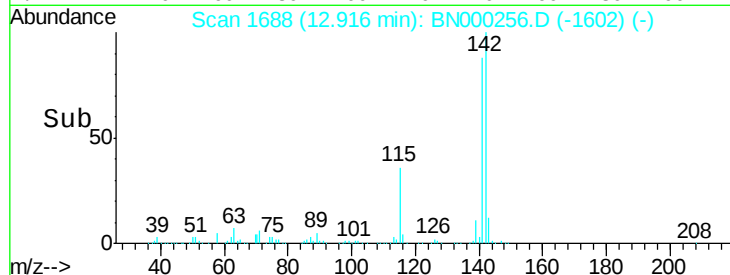
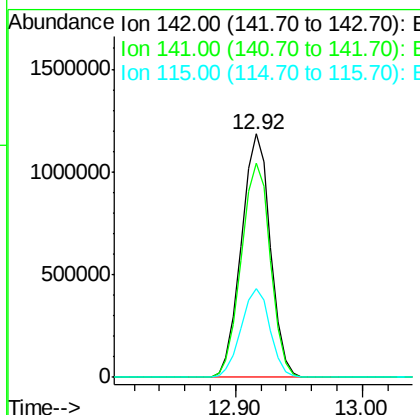
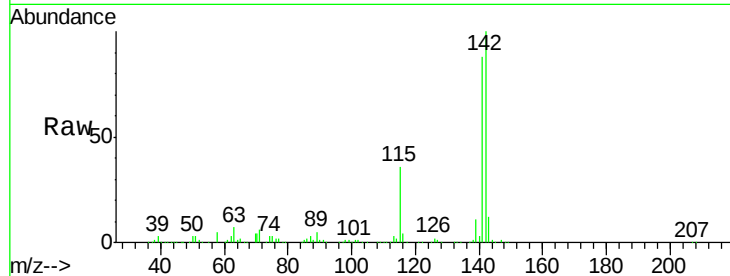




#37
 2-Methylnaphthalene
 Concen: 39.415 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN000256.D
 Acq: 06 Mar 2018 10:48

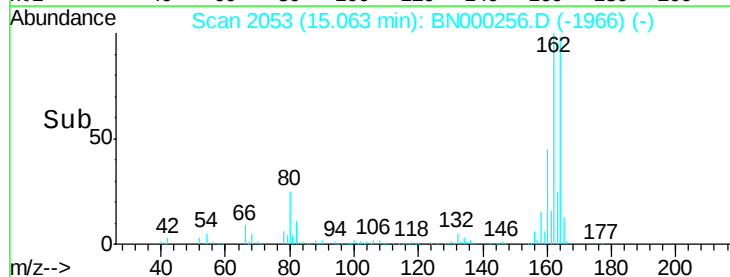
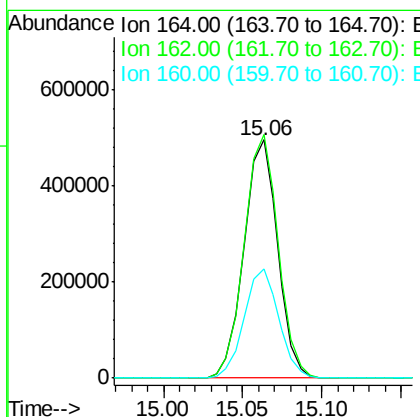
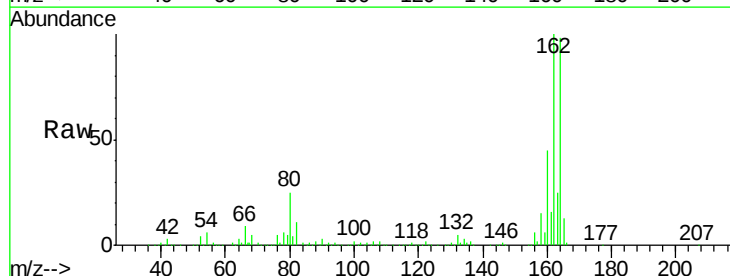
Instrument :
 BNA_N
 ClientSampleId :
 PB107064BS

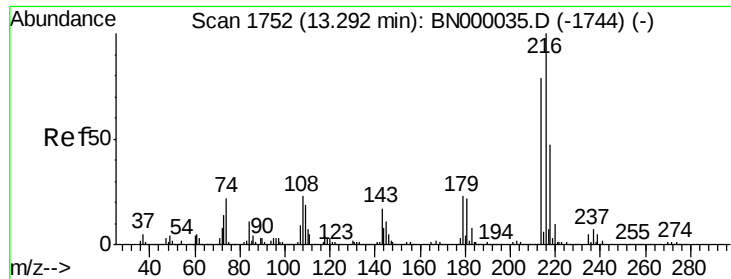
Tot Ion:142 Resp: 1875509
 Ion Ratio Lower Upper
 142 100
 141 87.8 67.1 100.7
 115 36.5 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.06 min Scan# 2053
 Delta R.T. -0.02 min
 Lab File: BN000256.D
 Acq: 06 Mar 2018 10:48

Tgt Ion:164 Resp: 731606
 Ion Ratio Lower Upper
 164 100
 162 102.4 78.8 118.2
 160 46.0 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.401 ng

RT: 13.27 min Scan# 1749

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

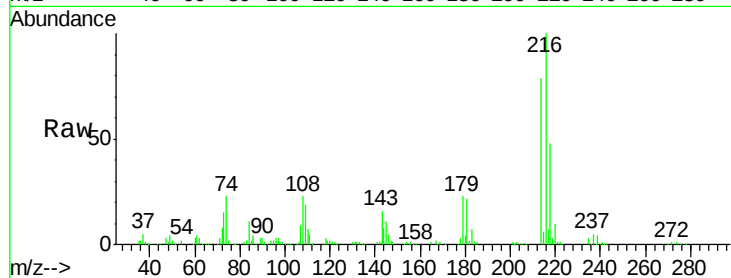
Instrument :

BNA_N

ClientSampleId :

PB107064BS

Tot Ion:	216	Resp:	786063
Ion Ratio		Lower	Upper
216	100		
214	78.5	63.0	94.4
179	23.1	17.0	25.6
108	27.8	12.8	19.2#

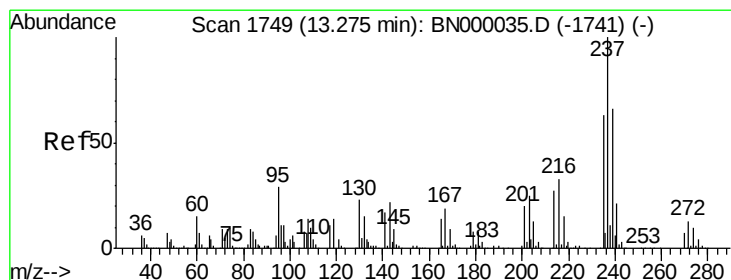
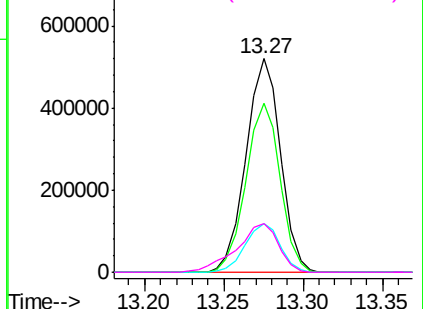
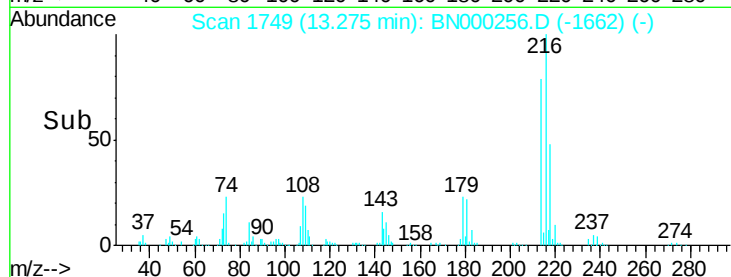


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 92.601 ng

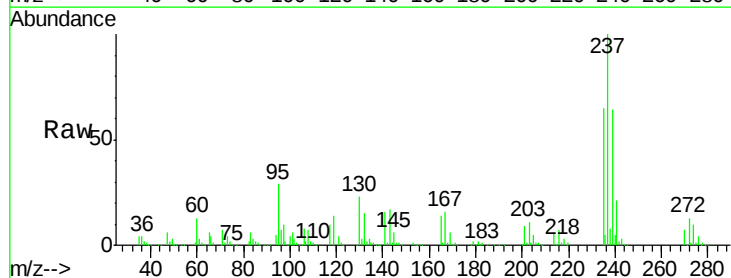
RT: 13.25 min Scan# 1745

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

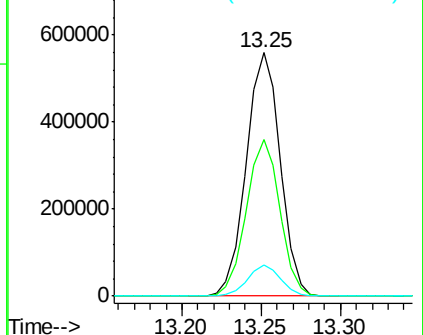
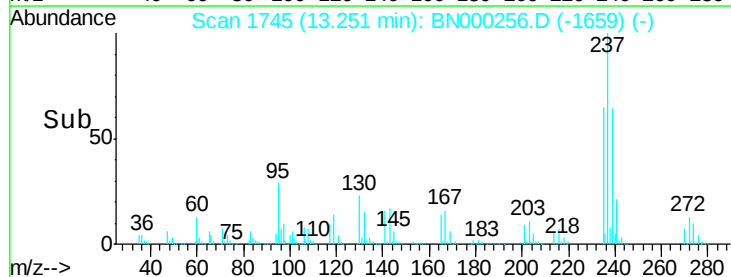
Tgt Ion:	237	Resp:	833565
Ion Ratio		Lower	Upper
237	100		
235	64.5	50.4	90.4
272	12.8	0.0	31.8

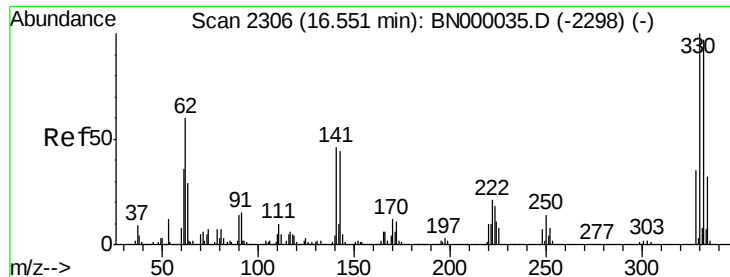


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

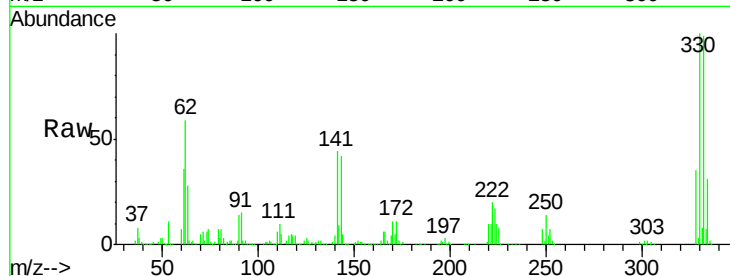




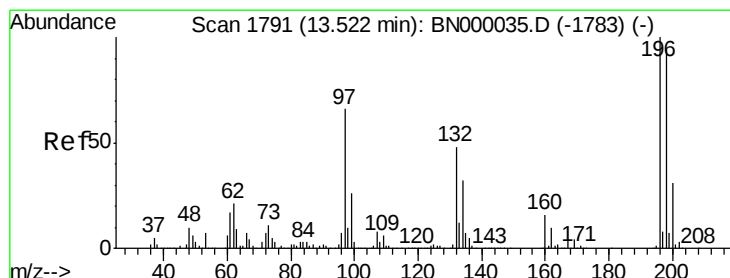
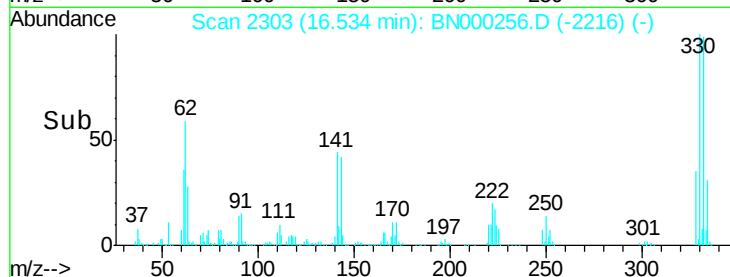
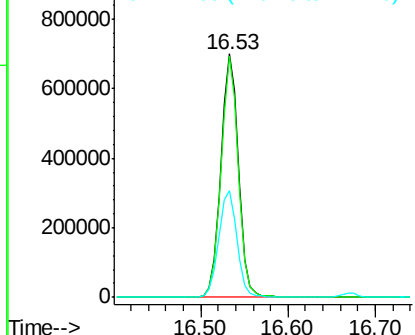
#41
 2,4,6-Tribromophenol
 Concen: 135.630 ng
 RT: 16.53 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: BN000256.D
 Acq: 06 Mar 2018 10:48

Instrument :
 BNA_N
 ClientSampleId :
 PB107064BS

Tot Ion:330 Resp: 982201
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 45.8 25.2 37.8#

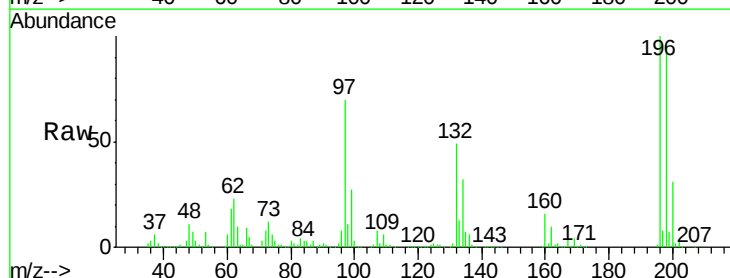


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

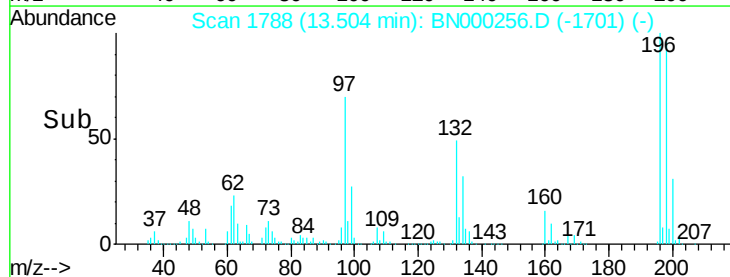
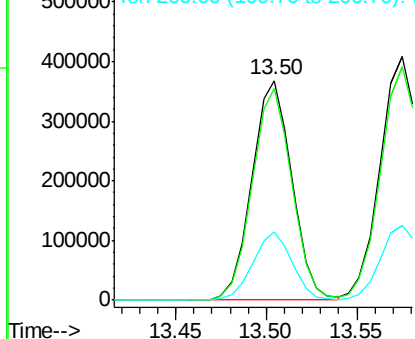


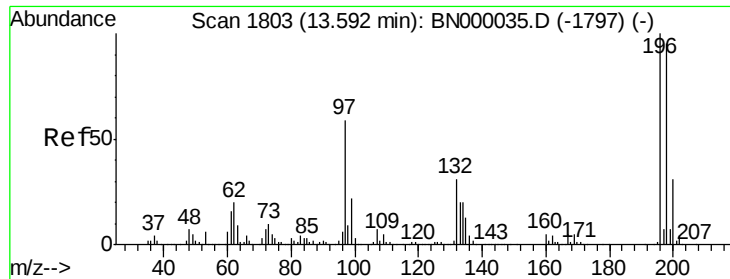
#42
 2,4,6-Trichlorophenol
 Concen: 43.417 ng
 RT: 13.50 min Scan# 1788
 Delta R.T. -0.02 min
 Lab File: BN000256.D
 Acq: 06 Mar 2018 10:48

Tgt Ion:196 Resp: 561938
 Ion Ratio Lower Upper
 196 100
 198 96.3 78.2 117.2
 200 31.0 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

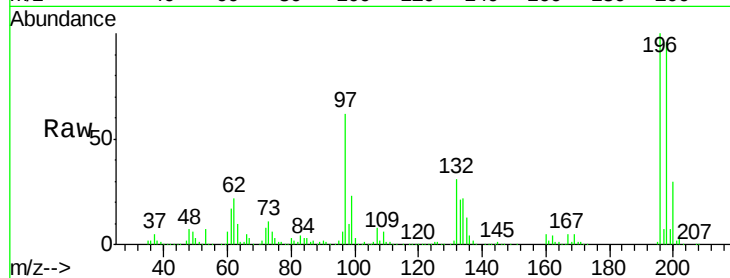




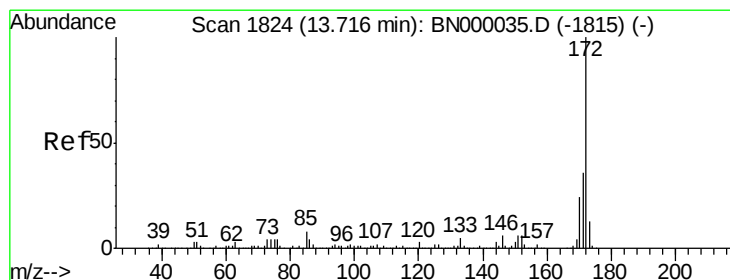
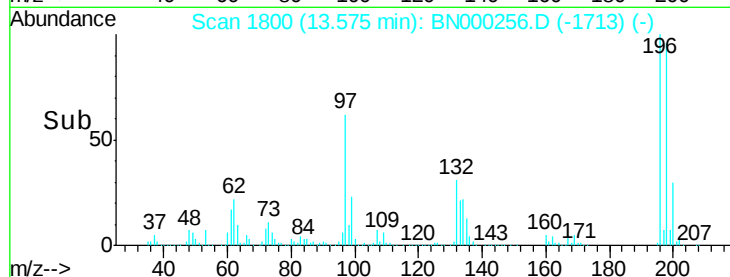
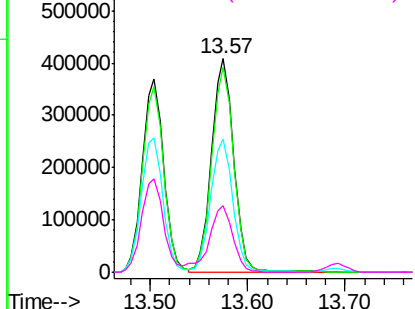
#43
 2,4,5-Trichlorophenol
 Concen: 41.208 ng
 RT: 13.57 min Scan# 1800
 Delta R.T. -0.02 min
 Lab File: BN000256.D
 Acq: 06 Mar 2018 10:48

Instrument :
 BNA_N
 ClientSampleId :
 PB107064BS

Tot Ion:196 Resp: 641151
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.2 114.4
 97 62.4 38.7 58.1#
 132 31.0 20.2 30.2#

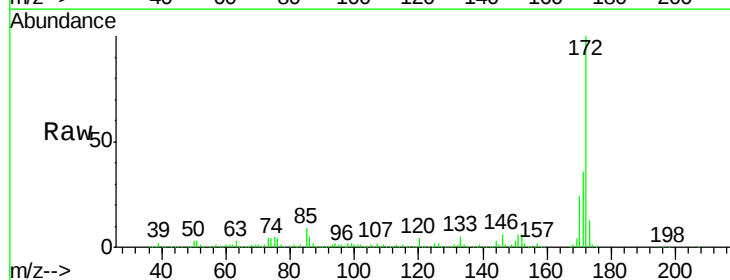


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BNC
 Ion 132.00 (131.70 to 132.70): E

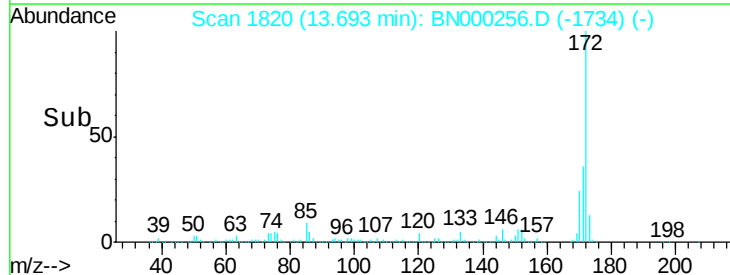
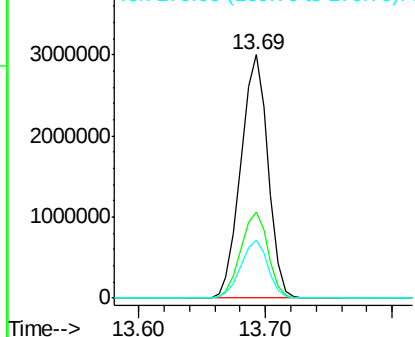


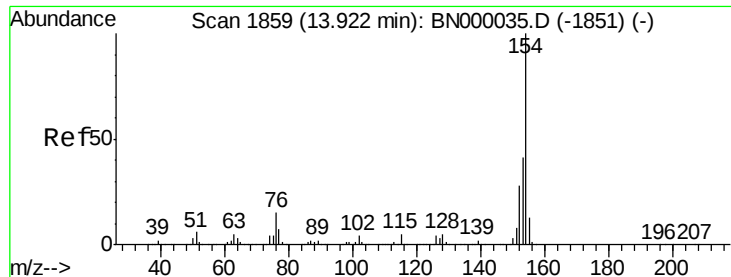
#44
 2-Fluorobiphenyl
 Concen: 85.591 ng
 RT: 13.69 min Scan# 1820
 Delta R.T. -0.02 min
 Lab File: BN000256.D
 Acq: 06 Mar 2018 10:48

Tgt Ion:172 Resp: 4442922
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.0 45.0
 170 23.7 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: 37.204 ng

RT: 13.90 min Scan# 1856

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

BNA_N

ClientSampleId :

PB107064BS

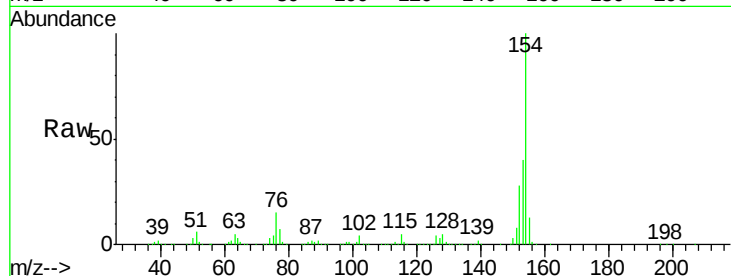
Tot Ion:154 Resp: 2397251

Ion Ratio Lower Upper

154 100

153 40.4 19.8 59.8

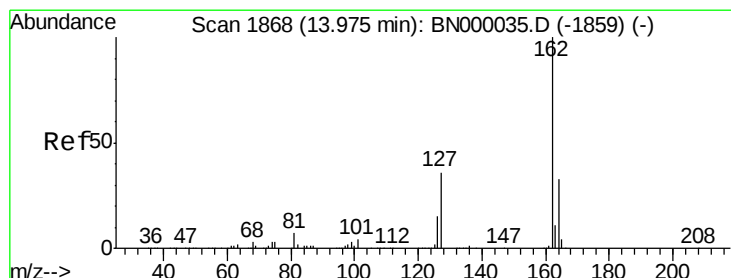
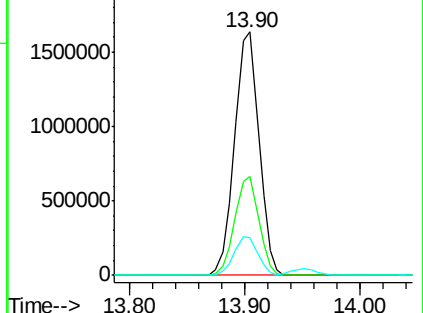
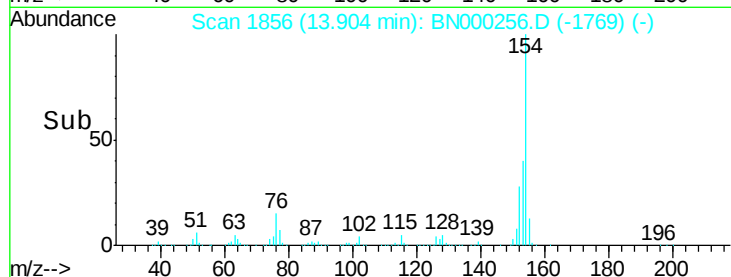
76 15.3 0.0 31.9



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: 37.623 ng

RT: 13.95 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

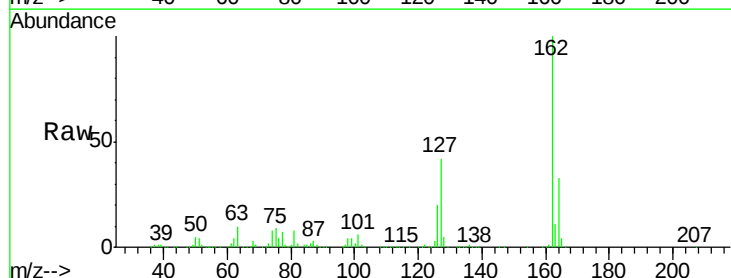
Tgt Ion:162 Resp: 1818988

Ion Ratio Lower Upper

162 100

127 41.8 30.7 46.1

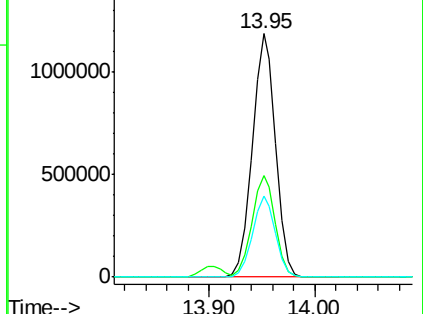
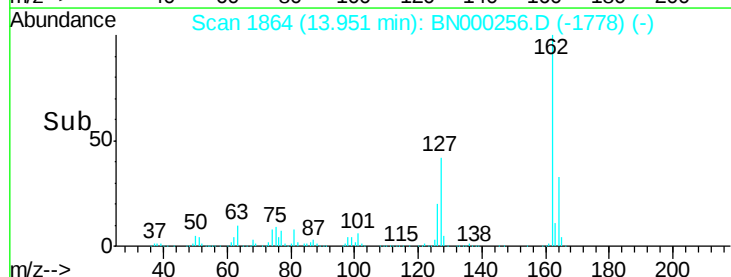
164 33.1 26.0 39.0

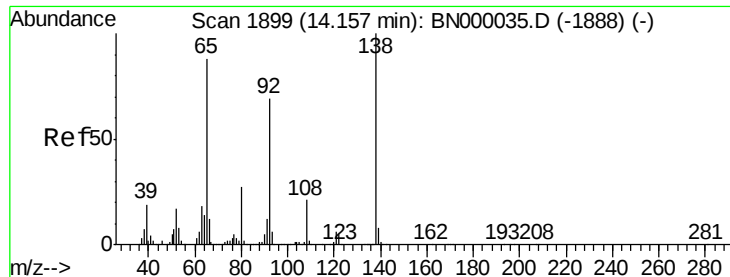


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.751 ng

RT: 14.14 min Scan# 1896

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

BNA_N

ClientSampleId :

PB107064BS

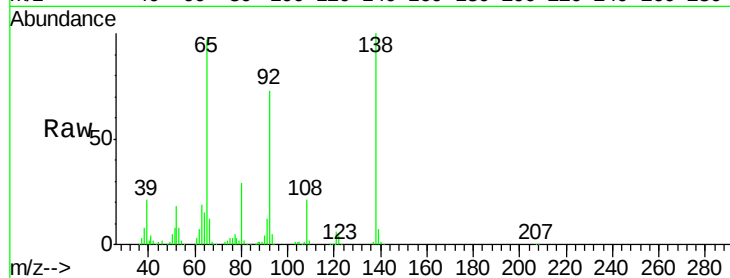
Tot Ion: 65 Resp: 613586

Ion Ratio Lower Upper

65 100

92 75.7 54.6 82.0

138 103.6 72.9 109.3

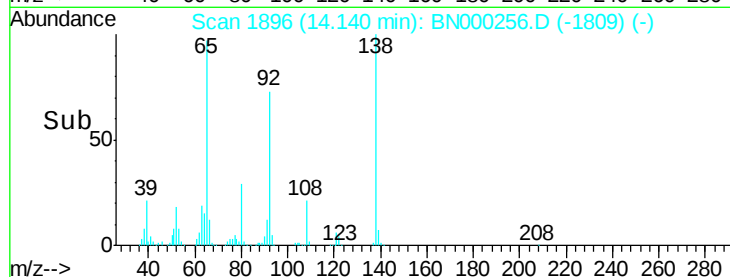


Abundance Ion 65.00 (64.70 to 65.70): BN000035.D (-1888) (-)

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

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

Time-->

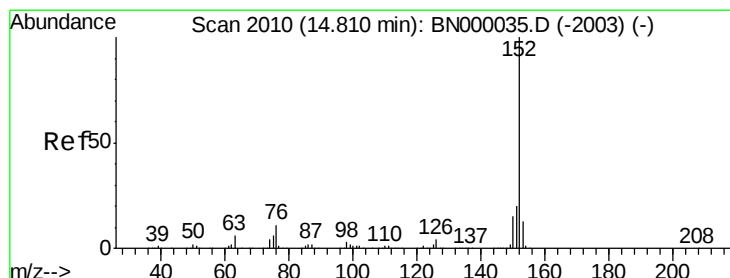


Abundance Ion 65.00 (64.70 to 65.70): BN000256.D (-1809) (-)

Ion 92.00 (91.70 to 92.70): BN000256.D (-1809) (-)

Ion 138.00 (137.70 to 138.70): BN000256.D (-1809) (-)

Time-->



#48

Acenaphthylene

Concen: 38.551 ng

RT: 14.79 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

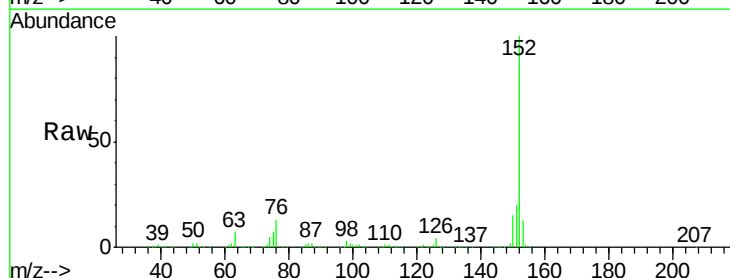
Tgt Ion: 152 Resp: 3002846

Ion Ratio Lower Upper

152 100

151 20.4 17.2 25.8

153 13.3 10.2 15.4

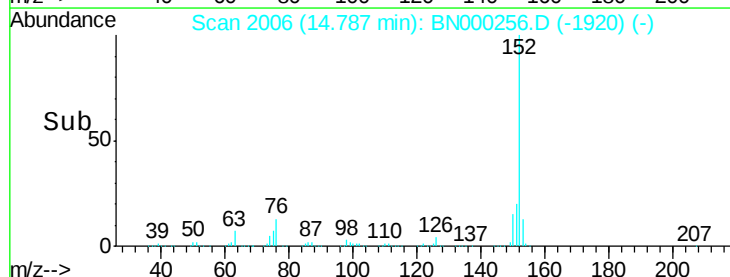


Abundance Ion 152.00 (151.70 to 152.70): BN000035.D (-2003) (-)

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

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

Time-->

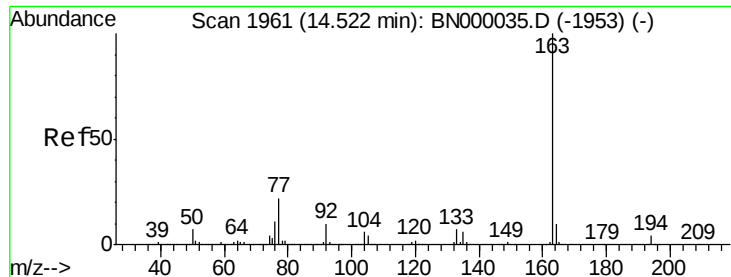


Abundance Ion 152.00 (151.70 to 152.70): BN000256.D (-1920) (-)

Ion 151.00 (150.70 to 151.70): BN000256.D (-1920) (-)

Ion 153.00 (152.70 to 153.70): BN000256.D (-1920) (-)

Time-->



#49

Dimethylphthalate

Concen: 38.497 ng

RT: 14.50 min Scan# 1957

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

BNA_N

ClientSampleId :

PB107064BS

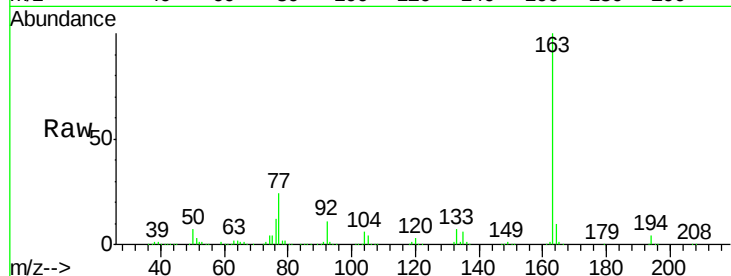
Tot Ion:163 Resp: 2354440

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

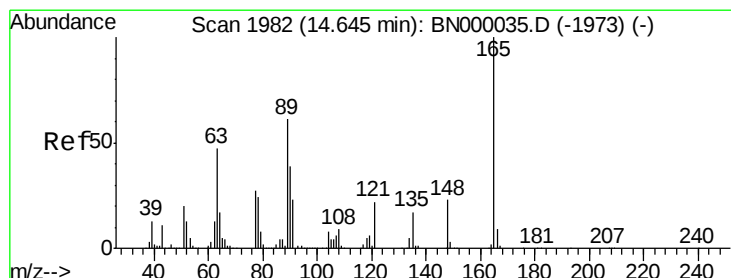
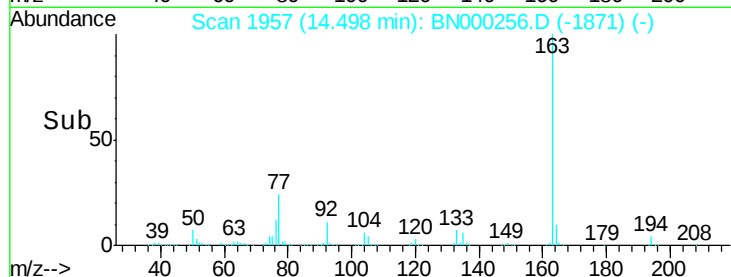
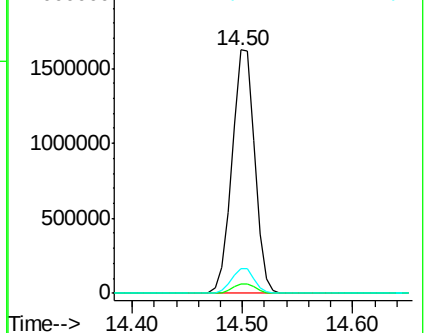
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.770 ng

RT: 14.63 min Scan# 1979

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

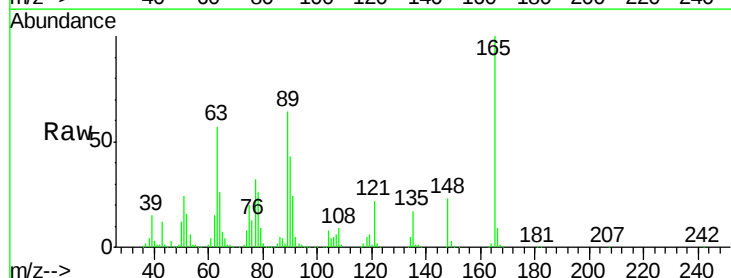
Tgt Ion:165 Resp: 514730

Ion Ratio Lower Upper

165 100

63 56.9 52.7 79.1

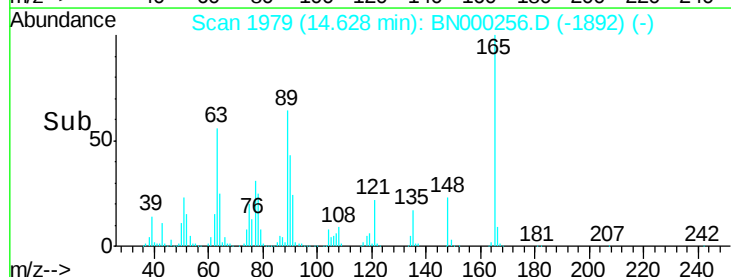
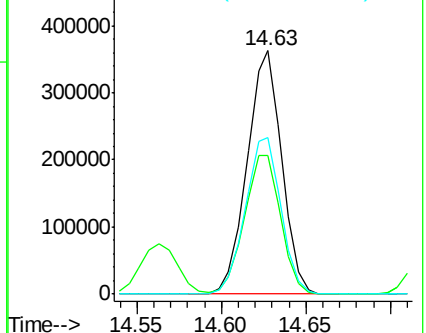
89 64.4 49.2 73.8

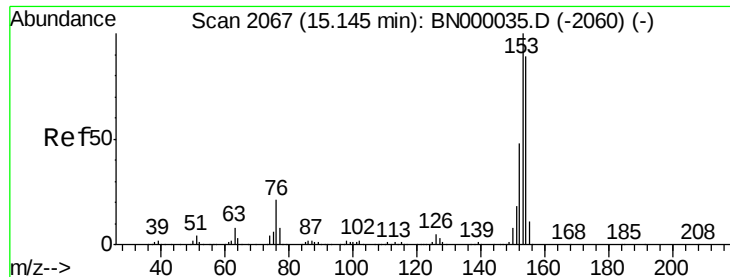


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 40.928 ng

RT: 15.13 min Scan# 2064

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

BNA_N

ClientSampleId :

PB107064BS

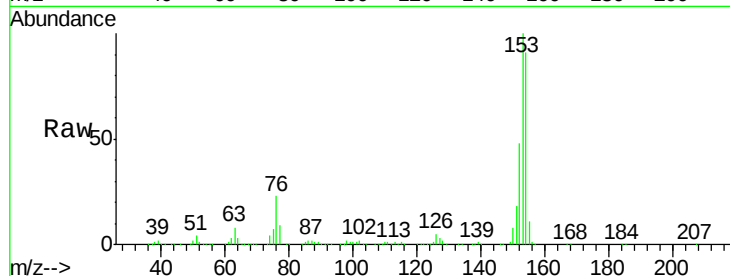
Tot Ion:154 Resp: 2075197

Ion Ratio Lower Upper

154 100

153 110.4 90.4 135.6

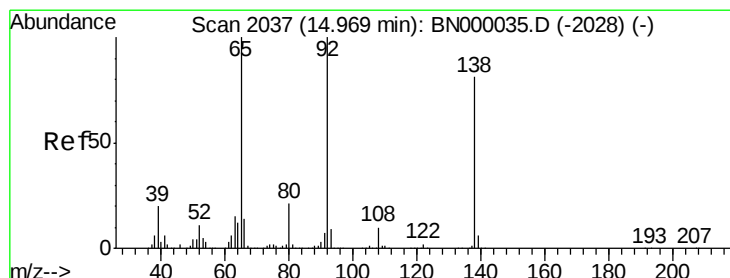
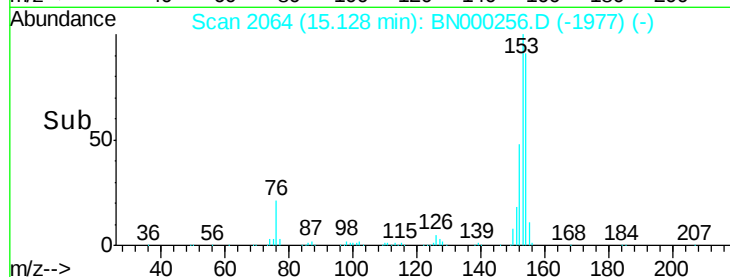
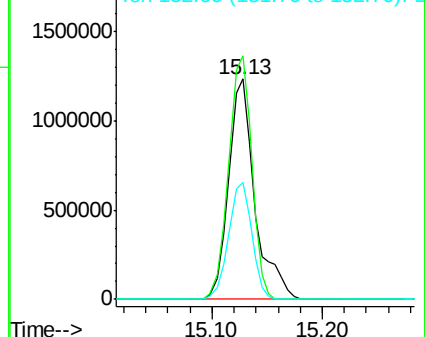
152 53.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.484 ng

RT: 14.95 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

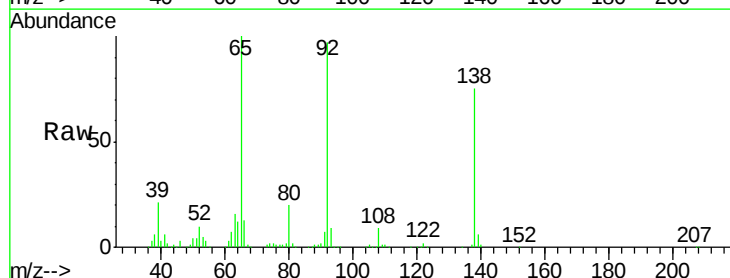
Tgt Ion:138 Resp: 421795

Ion Ratio Lower Upper

138 100

108 11.6 17.5 26.3#

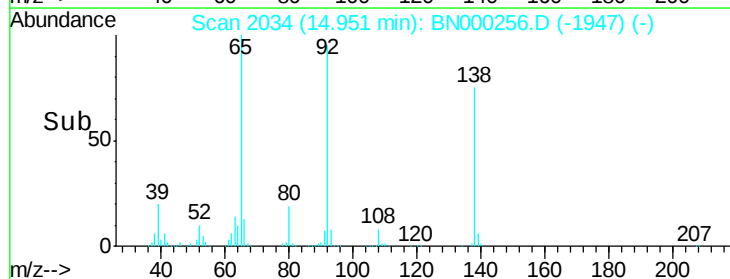
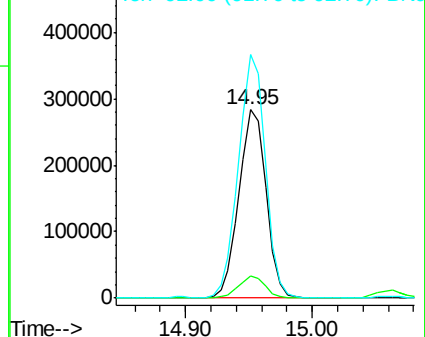
92 129.5 105.8 158.8

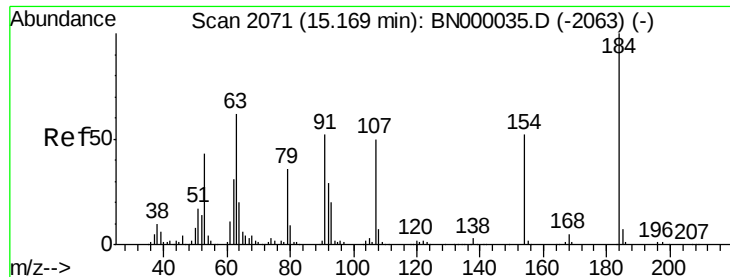


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#53

2,4-Dinitrophenol

Concen: 94.501 ng

RT: 15.16 min Scan# 2069

Delta R.T. -0.01 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

BNA_N

ClientSampleId :

PB107064BS

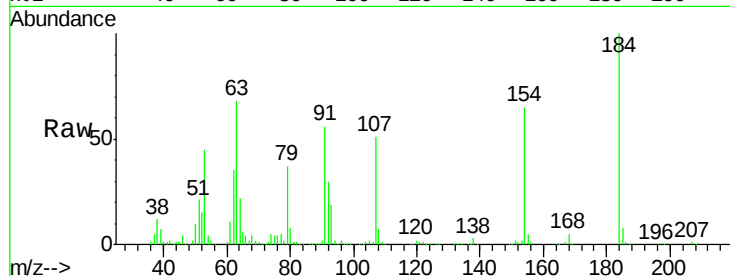
Tot Ion:184 Resp: 431640

Ion Ratio Lower Upper

184 100

63 68.2 80.0 120.0#

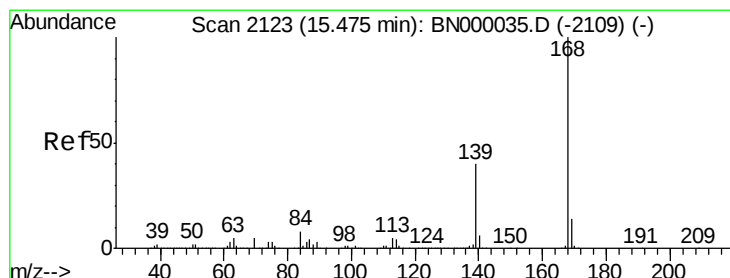
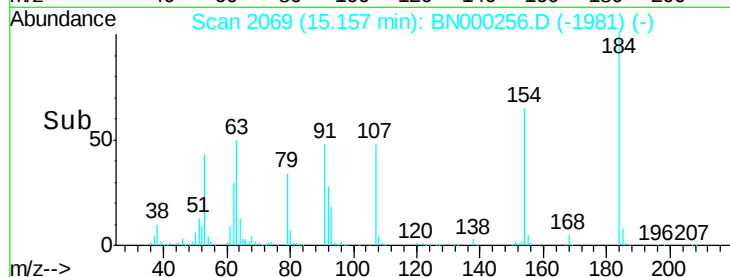
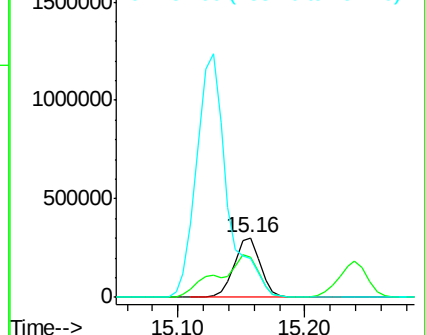
154 65.5 308.0 462.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 39.194 ng

RT: 15.46 min Scan# 2120

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

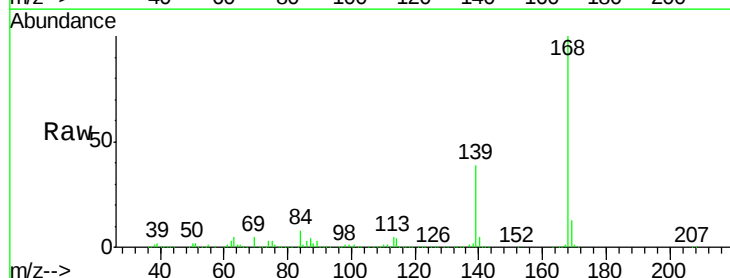
Tgt Ion:168 Resp: 2814415

Ion Ratio Lower Upper

168 100

139 38.7 28.6 43.0

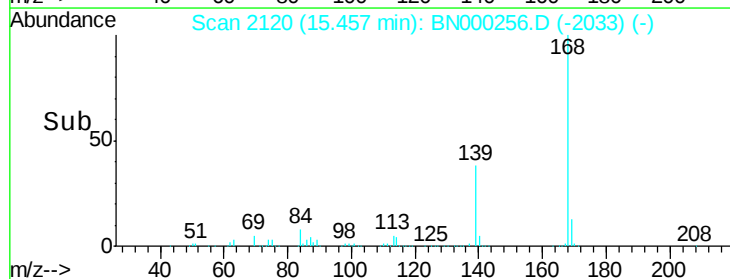
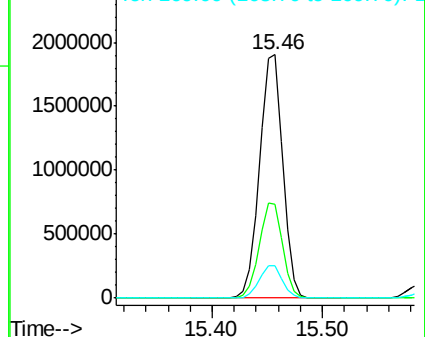
169 13.2 11.2 16.8

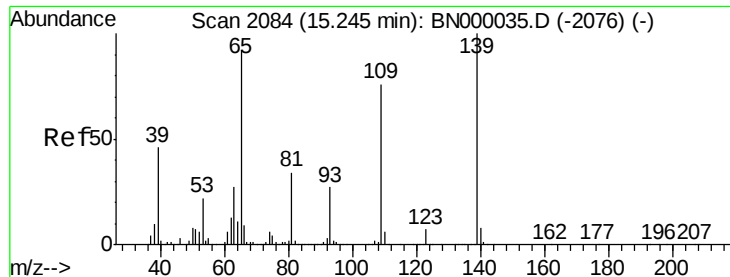


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 79.745 ng

RT: 15.24 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

BNA_N

ClientSampleId :

PB107064BS

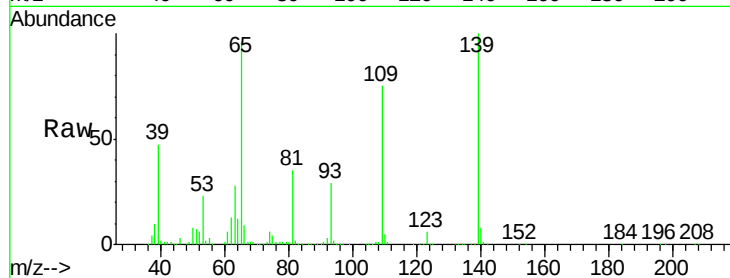
Tot Ion:139 Resp: 1002706

Ion Ratio Lower Upper

139 100

109 75.5 62.2 102.2

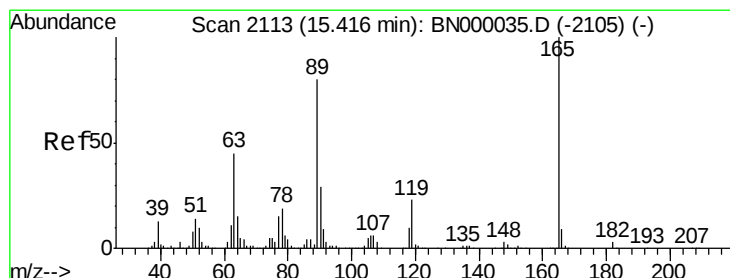
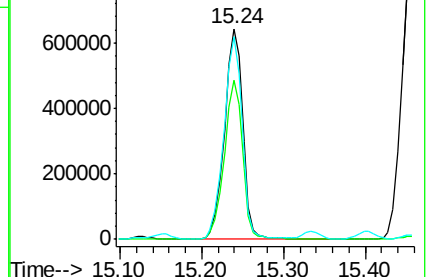
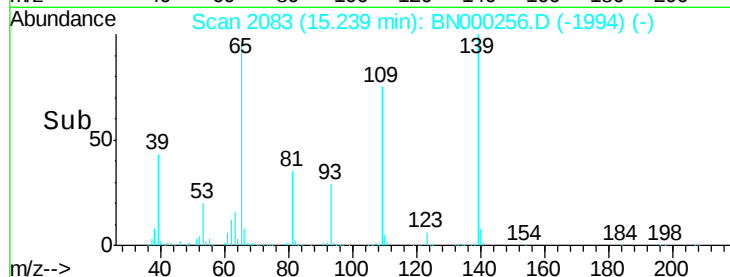
65 96.5 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC



#56

2,4-Dinitrotoluene

Concen: 40.977 ng

RT: 15.40 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Tgt Ion:165 Resp: 728512

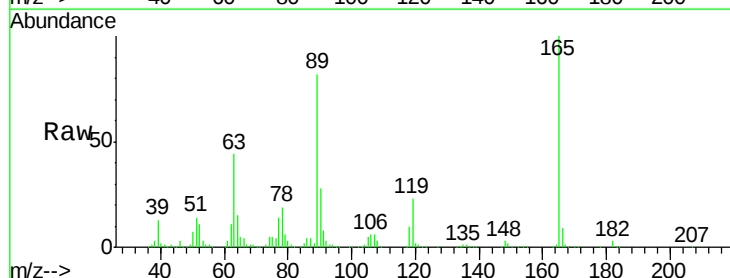
Ion Ratio Lower Upper

165 100

63 43.9 42.0 63.0

89 82.0 66.9 100.3

182 2.6 2.6 3.8

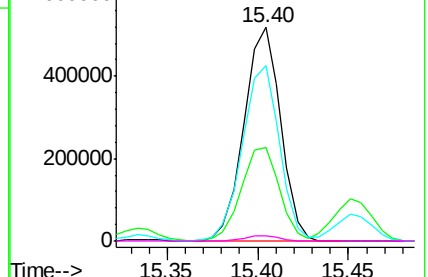
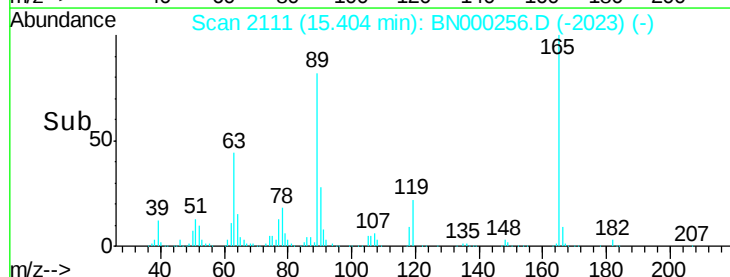


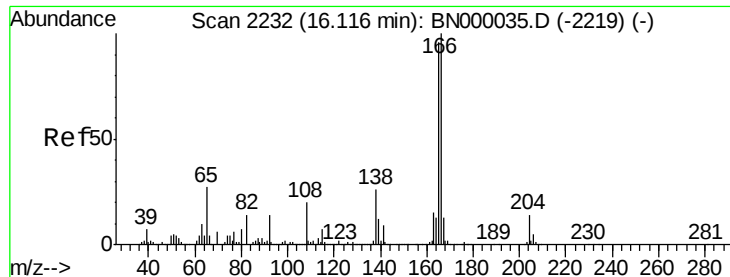
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.548 ng

RT: 16.10 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

BNA_N

ClientSampleId :

PB107064BS

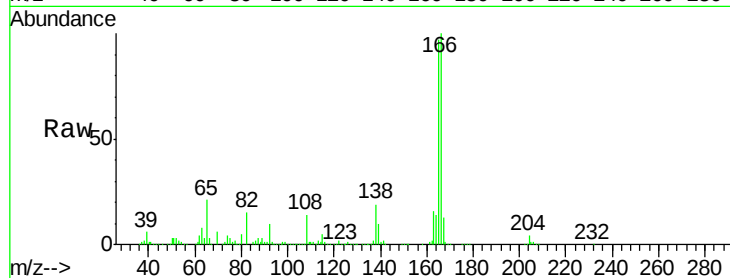
Tot Ion:166 Resp: 2260170

Ion Ratio Lower Upper

166 100

165 97.1 80.6 121.0

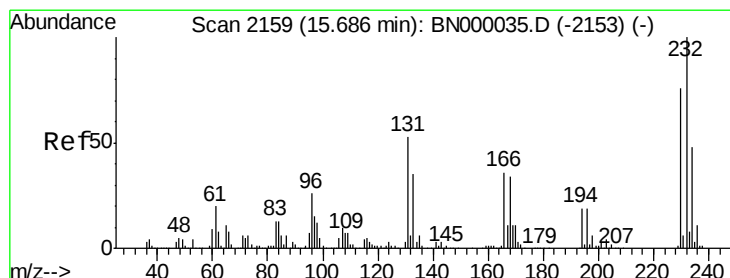
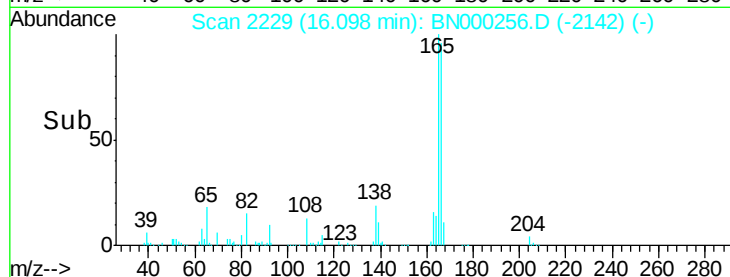
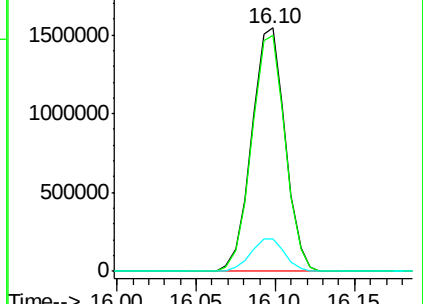
167 13.2 10.4 15.6



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: 44.258 ng

RT: 15.67 min Scan# 2156

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Tgt Ion:232 Resp: 543462

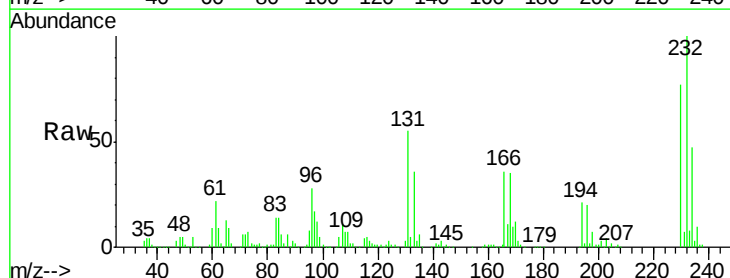
Ion Ratio Lower Upper

232 100

131 56.1 33.5 50.3#

130 2.9 2.2 3.2

166 36.0 24.8 37.2

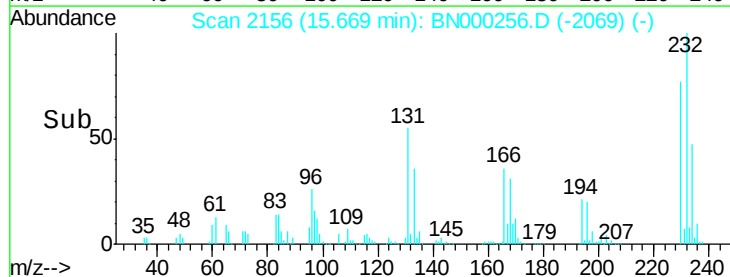
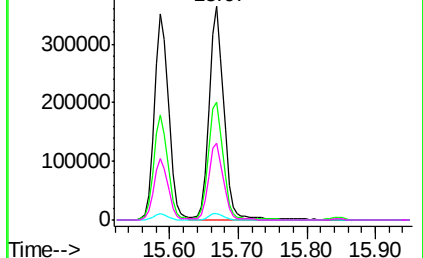


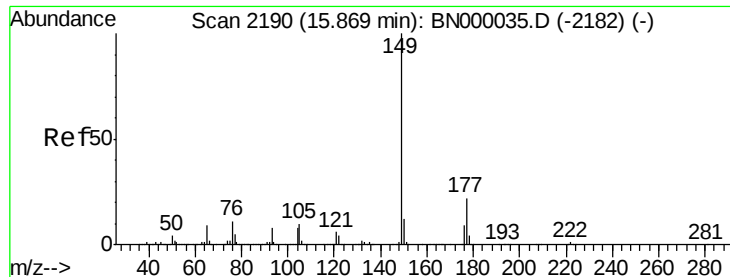
Abundance Ion 232.00 (231.70 to 232.70): E

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

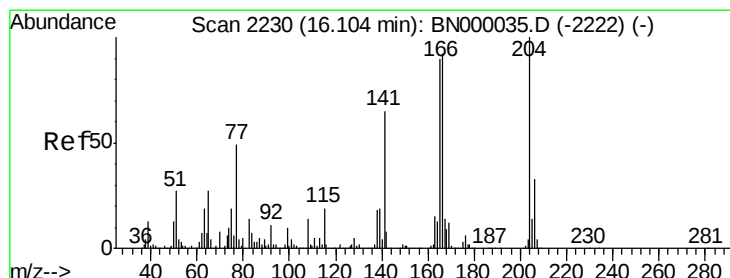
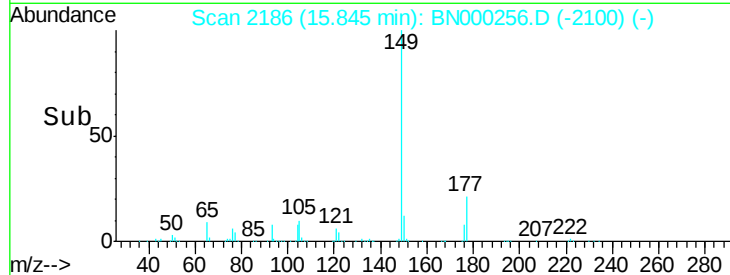
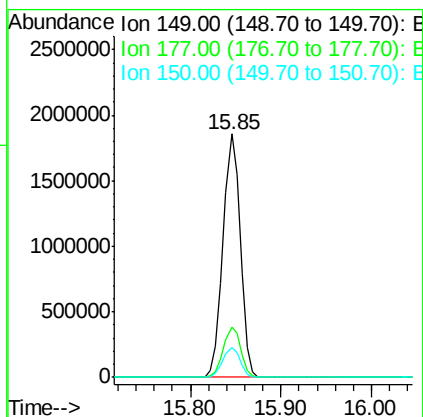
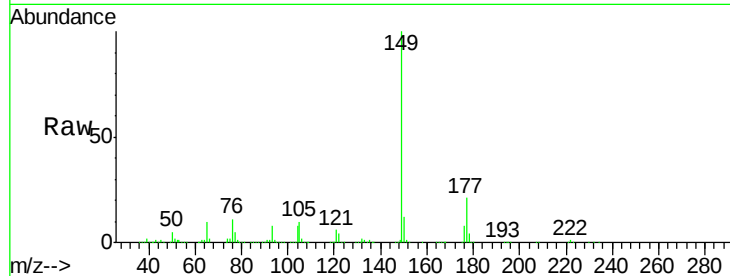




#59
Diethylphthalate
Concen: 39.241 ng
RT: 15.85 min Scan# 2186
Delta R.T. -0.02 min
Lab File: BN000256.D
Acq: 06 Mar 2018 10:48

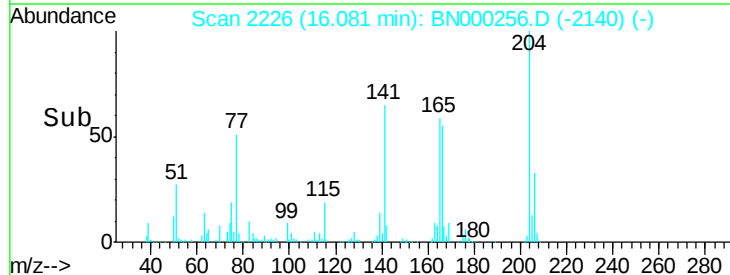
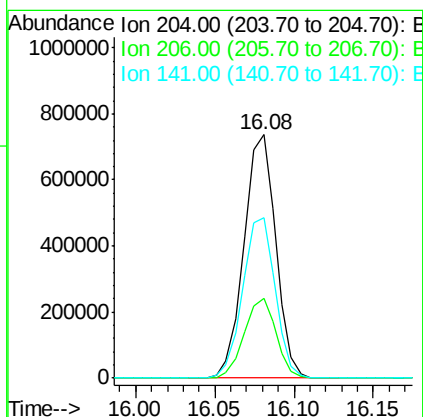
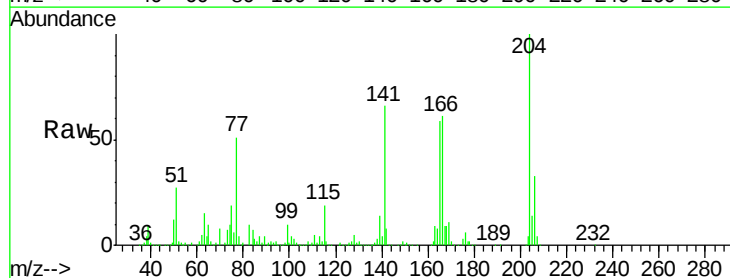
Instrument :
BNA_N
ClientSampleId :
PB107064BS

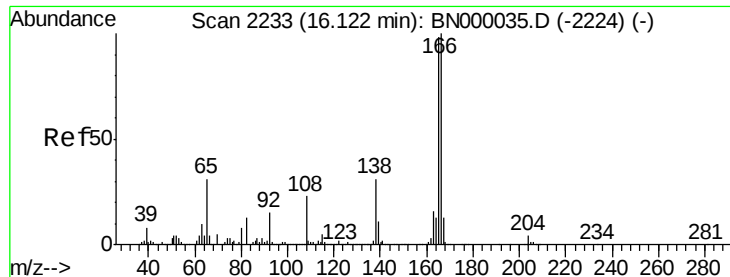
Tot Ion:149 Resp: 2438803
Ion Ratio Lower Upper
149 100
177 20.9 18.5 27.7
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.398 ng
RT: 16.08 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BN000256.D
Acq: 06 Mar 2018 10:48

Tgt Ion:204 Resp: 1026005
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 65.8 45.8 68.6

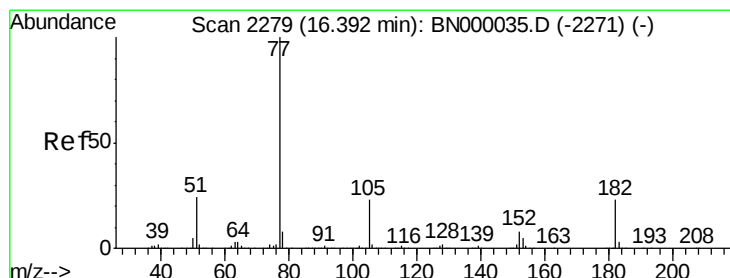
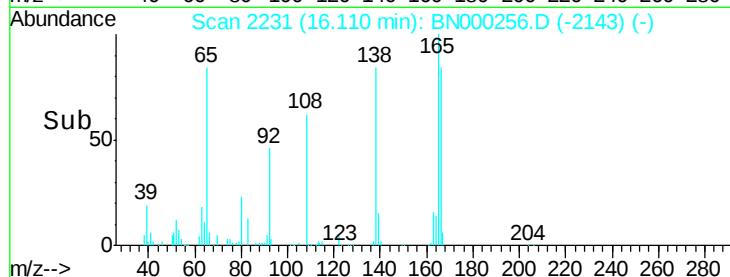
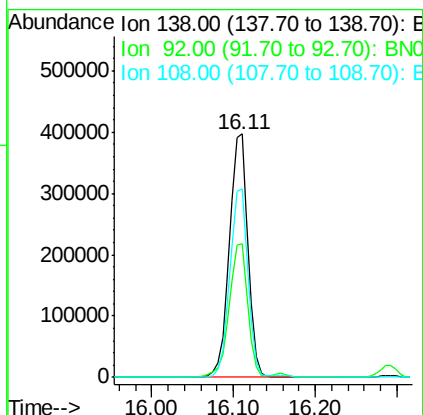
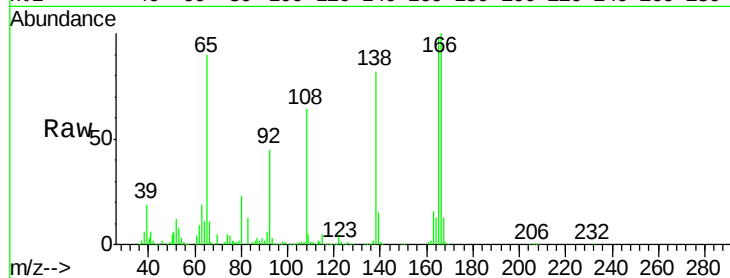




#61
4-Nitroaniline
Concen: 39.882 ng
RT: 16.11 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BN000256.D
Acq: 06 Mar 2018 10:48

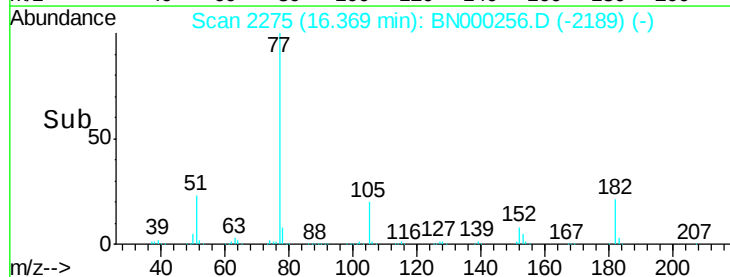
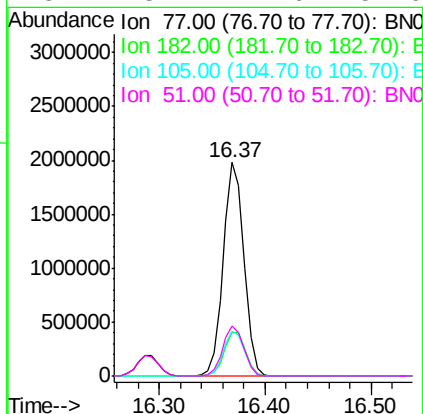
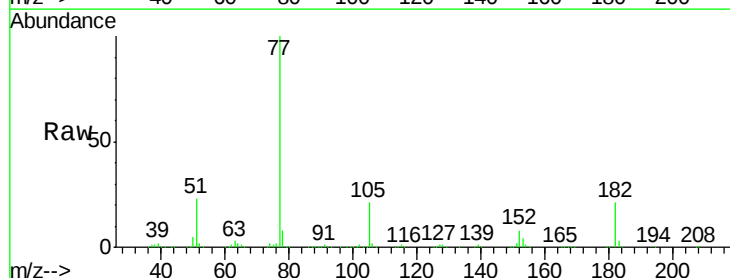
Instrument :
BNA_N
ClientSampleId :
PB107064BS

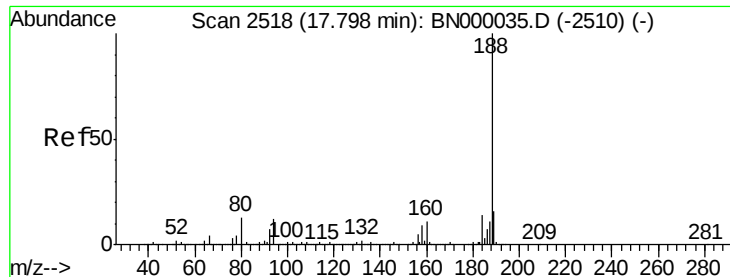
Tot Ion:138 Resp: 628900
Ion Ratio Lower Upper
138 100
92 54.8 40.1 80.1
108 77.3 65.4 105.4



#62
Azobenzene
Concen: 43.404 ng
RT: 16.37 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BN000256.D
Acq: 06 Mar 2018 10:48

Tgt Ion: 77 Resp: 2685281
Ion Ratio Lower Upper
77 100
182 20.7 7.4 47.4
105 21.2 0.3 40.3
51 23.4 11.6 51.6

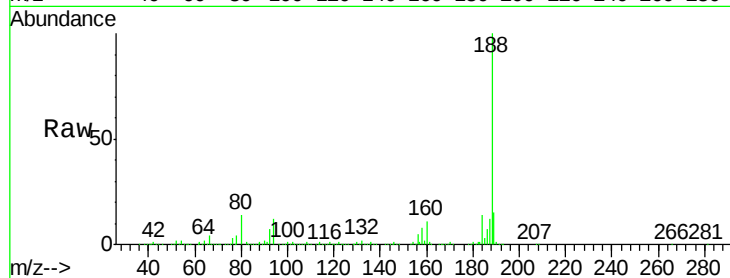




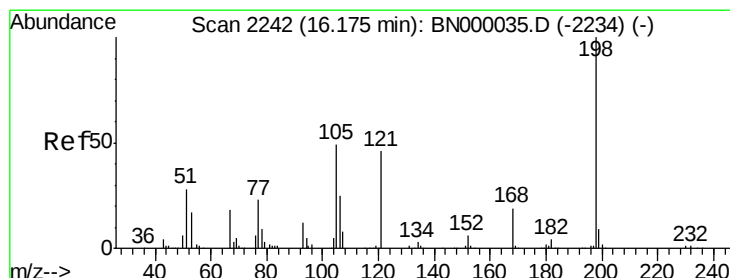
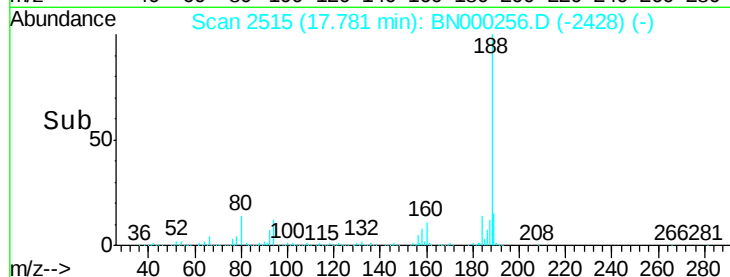
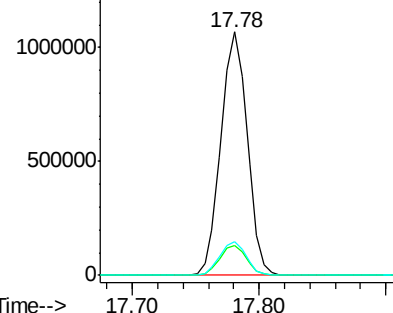
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.78 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BN000256.D
Acq: 06 Mar 2018 10:48

Instrument :
BNA_N
ClientSampleId :
PB107064BS

Tot Ion:188 Resp: 1537551
Ion Ratio Lower Upper
188 100
94 12.0 6.9 10.3#
80 13.8 7.7 11.5#

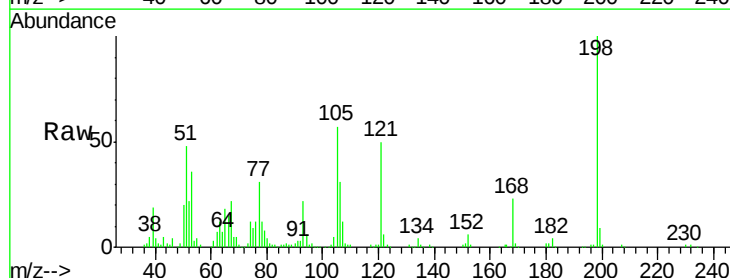


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

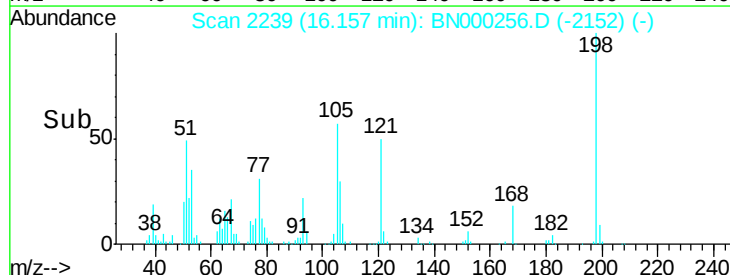
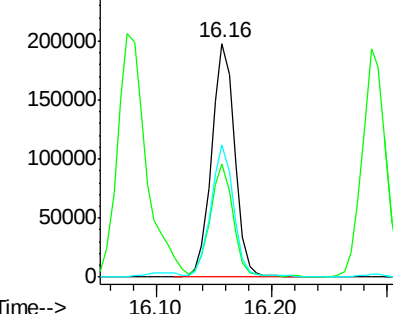


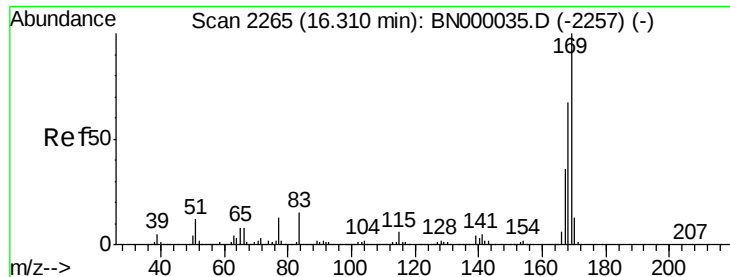
#64
4,6-Dinitro-2-methylphenol
Concen: 39.606 ng
RT: 16.16 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BN000256.D
Acq: 06 Mar 2018 10:48

Tgt Ion:198 Resp: 274789
Ion Ratio Lower Upper
198 100
51 48.4 30.6 70.6
105 56.7 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BNC
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.357 ng

RT: 16.29 min Scan# 2262

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

BNA_N

ClientSampleId :

PB107064BS

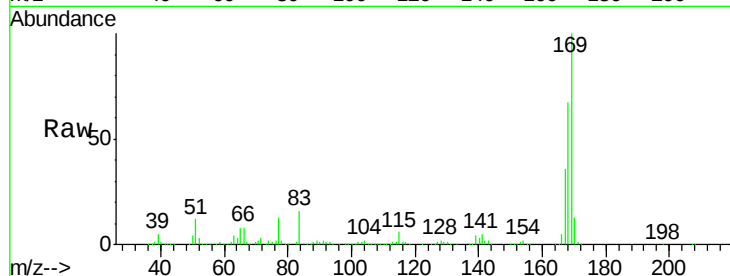
Tot Ion:169 Resp: 2019094

Ion Ratio Lower Upper

169 100

168 67.3 55.7 83.5

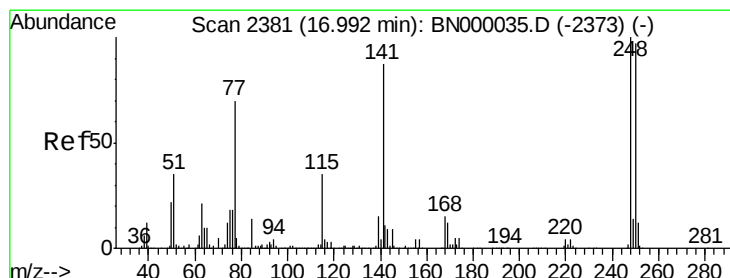
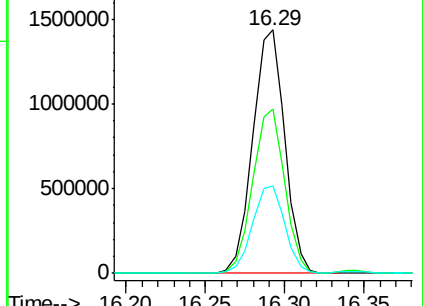
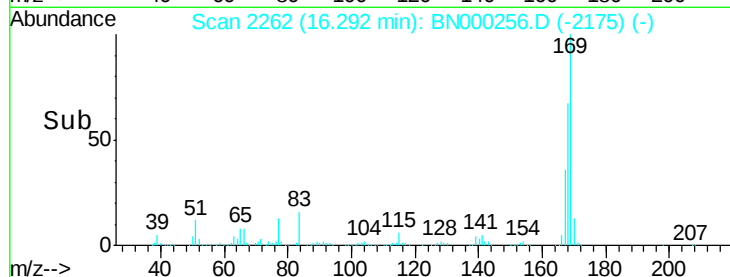
167 35.9 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.273 ng

RT: 16.96 min Scan# 2376

Delta R.T. -0.03 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

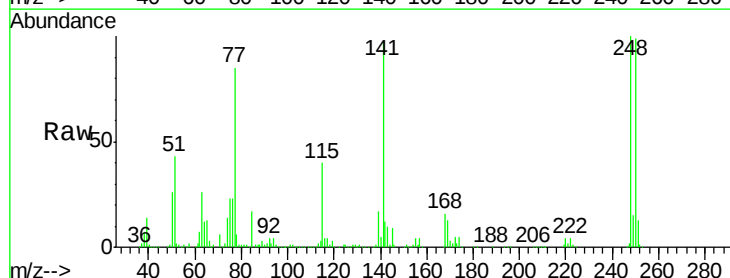
Tgt Ion:248 Resp: 574218

Ion Ratio Lower Upper

248 100

250 98.6 77.1 115.7

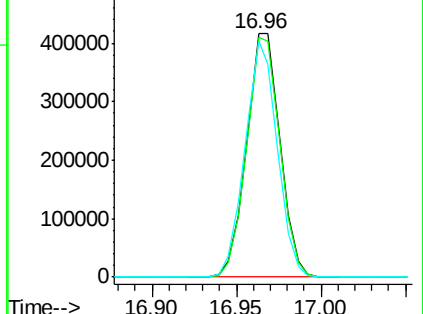
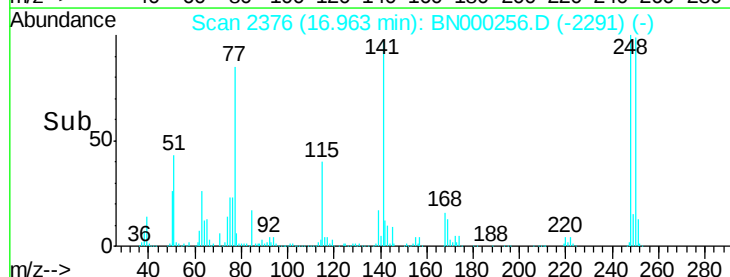
141 97.0 50.8 76.2#

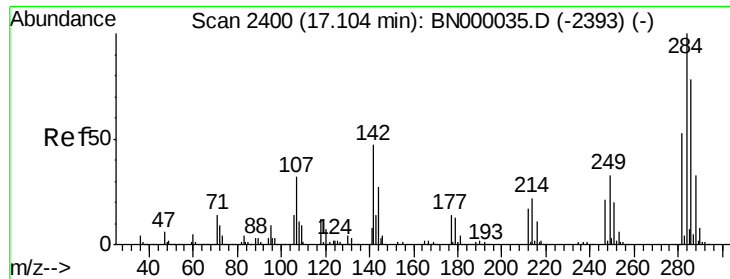


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.911 ng

RT: 17.09 min Scan# 2397

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

BNA_N

ClientSampleId :

PB107064BS

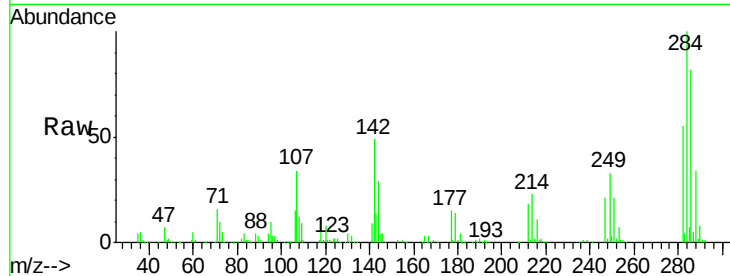
Tot Ion:284 Resp: 630255

Ion Ratio Lower Upper

284 100

142 49.1 26.8 40.2#

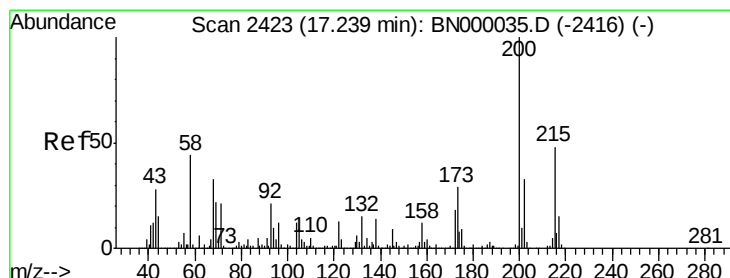
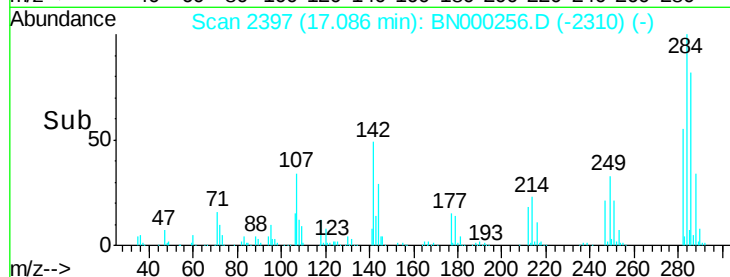
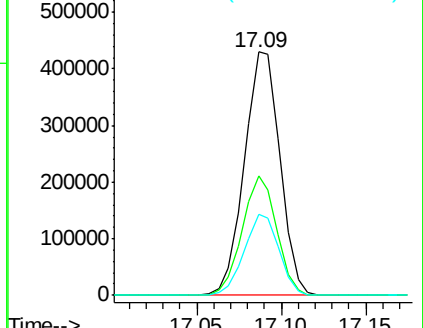
249 33.1 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.641 ng

RT: 17.22 min Scan# 2419

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

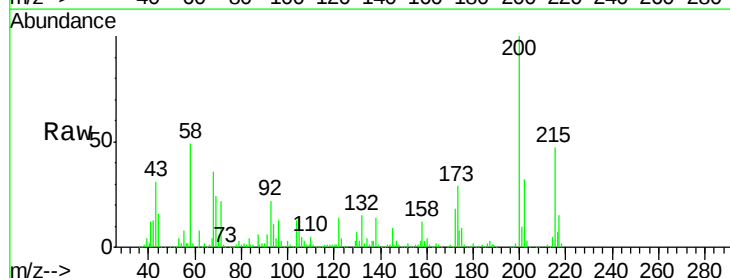
Tgt Ion:200 Resp: 645465

Ion Ratio Lower Upper

200 100

173 28.5 5.2 45.2

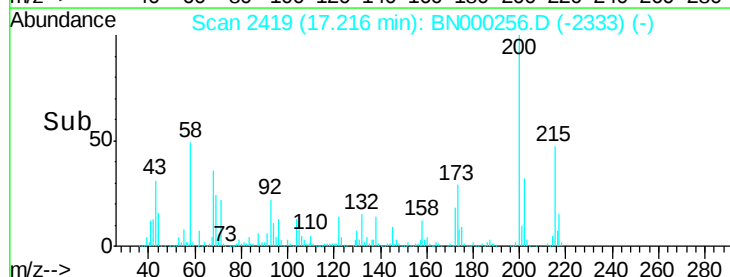
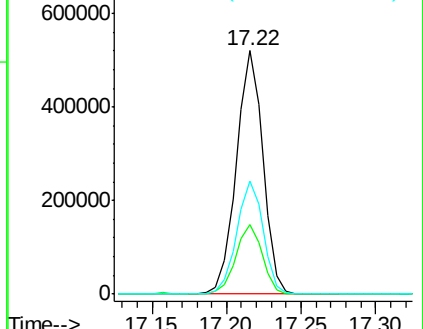
215 46.6 30.4 70.4

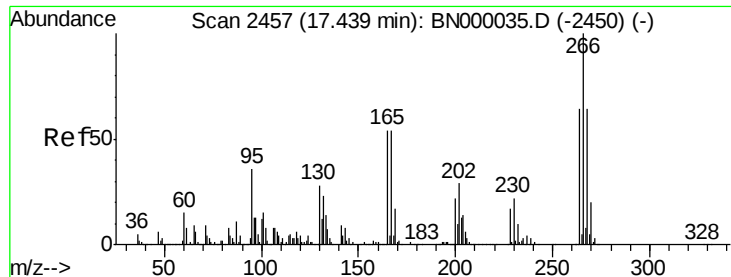


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

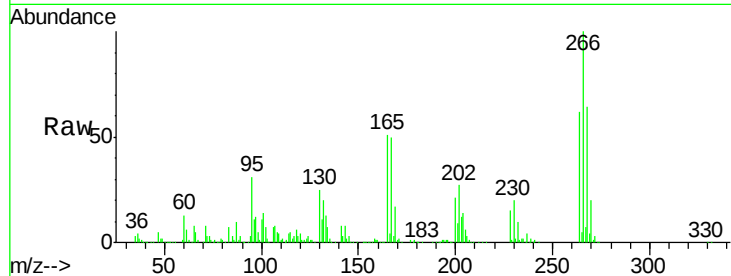




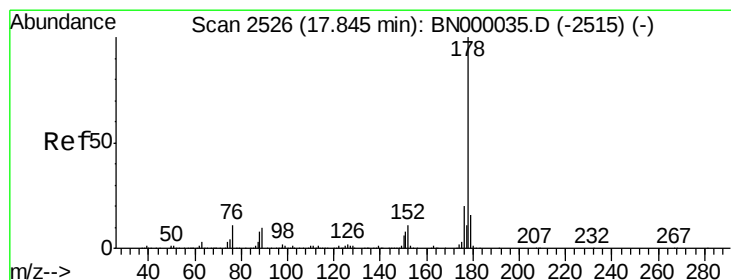
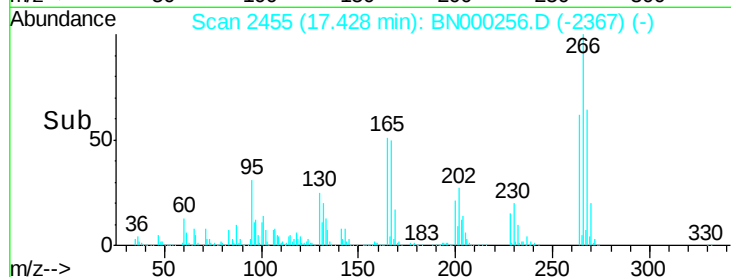
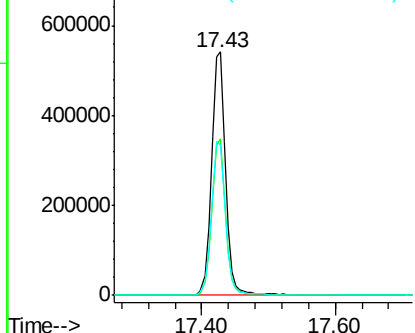
#69
 Pentachlorophenol
 Concen: 69.321 ng
 RT: 17.43 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BN000256.D
 Acq: 06 Mar 2018 10:48

Instrument :
 BNA_N
 ClientSampleId :
 PB107064BS

Tot Ion:266 Resp: 805146
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.1 76.7
 264 61.6 49.6 74.4

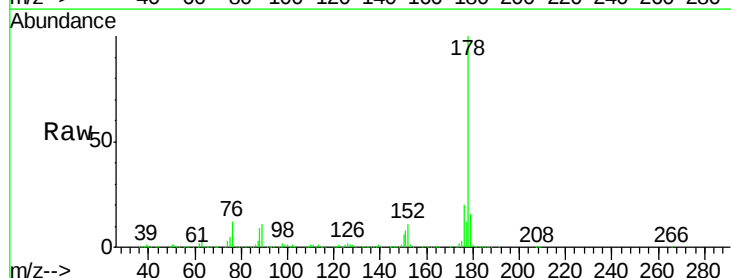


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

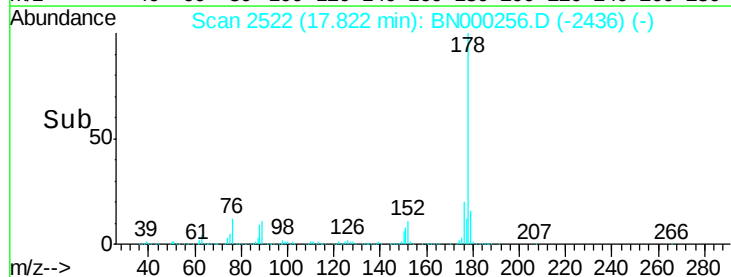
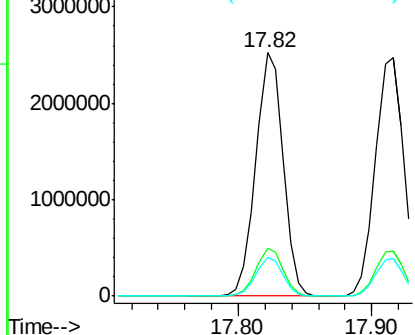


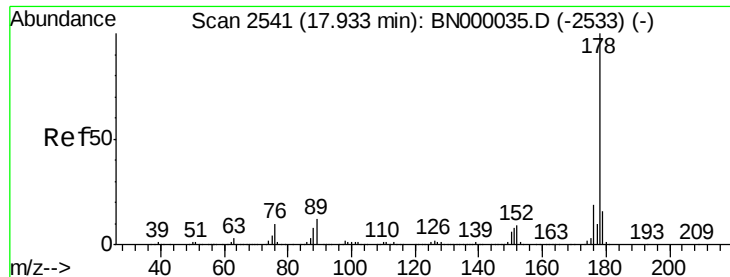
#70
 Phenanthrene
 Concen: 39.106 ng
 RT: 17.82 min Scan# 2522
 Delta R.T. -0.02 min
 Lab File: BN000256.D
 Acq: 06 Mar 2018 10:48

Tgt Ion:178 Resp: 3551648
 Ion Ratio Lower Upper
 178 100
 176 19.9 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

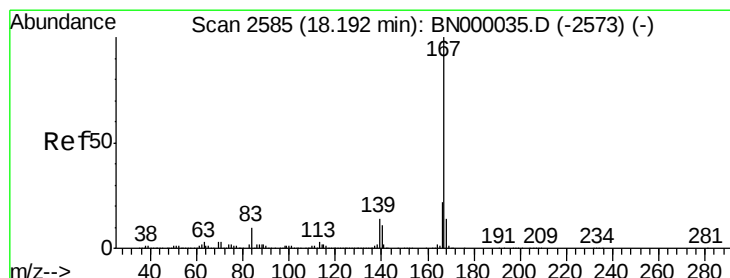
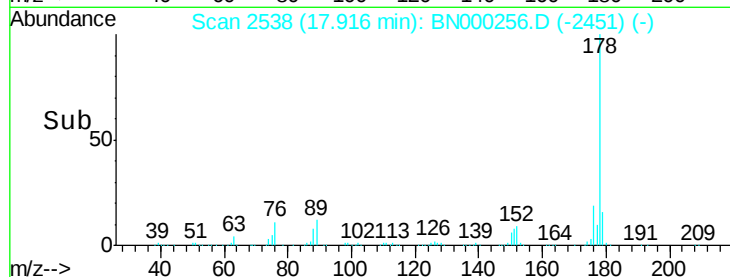
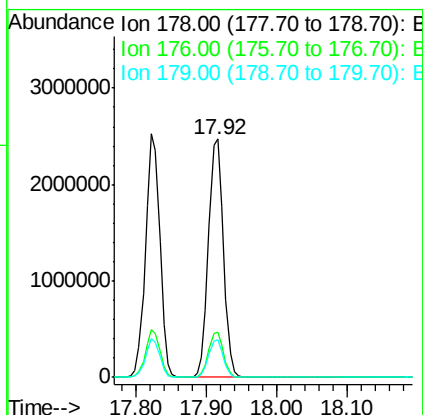
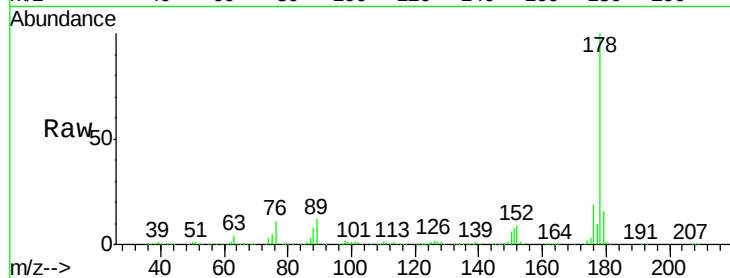




#71
 Anthracene
 Concen: 41.371 ng
 RT: 17.92 min Scan# 2538
 Delta R.T. -0.02 min
 Lab File: BN000256.D
 Acq: 06 Mar 2018 10:48

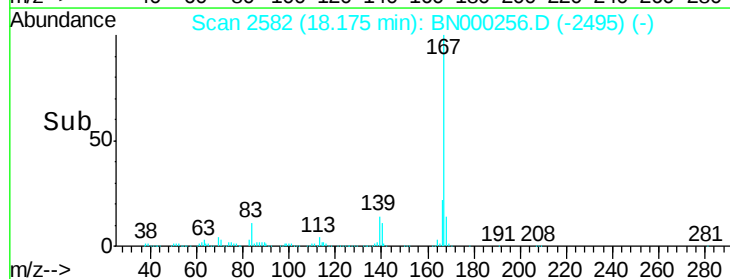
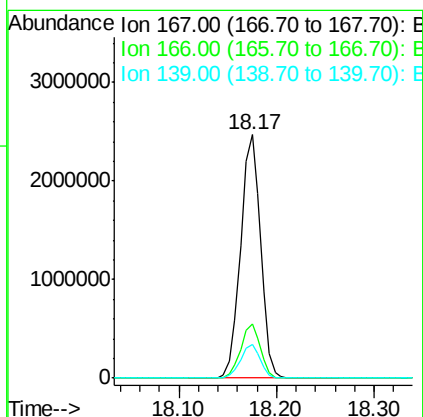
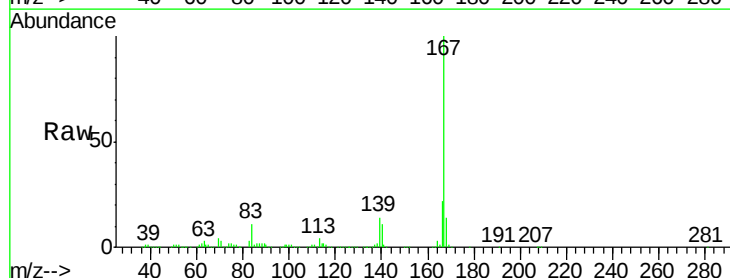
Instrument :
 BNA_N
 ClientSampleId :
 PB107064BS

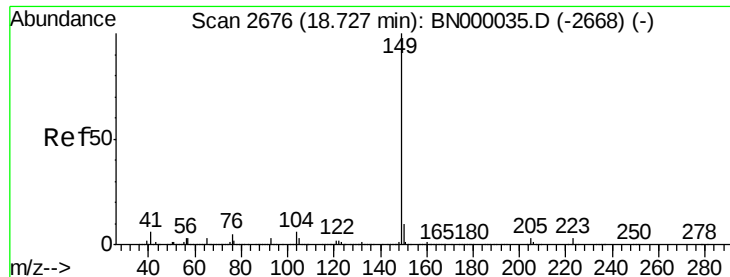
Tot Ion:178 Resp: 3638140
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.0 24.0
 179 15.6 12.5 18.7



#72
 Carbazole
 Concen: 39.575 ng
 RT: 18.17 min Scan# 2582
 Delta R.T. -0.02 min
 Lab File: BN000256.D
 Acq: 06 Mar 2018 10:48

Tgt Ion:167 Resp: 3506152
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.4
 139 13.8 9.4 14.2





#73

Di-n-butylphthalate

Concen: 41.154 ng

RT: 18.70 min Scan# 2671

Delta R.T. -0.03 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

BNA_N

ClientSampleId :

PB107064BS

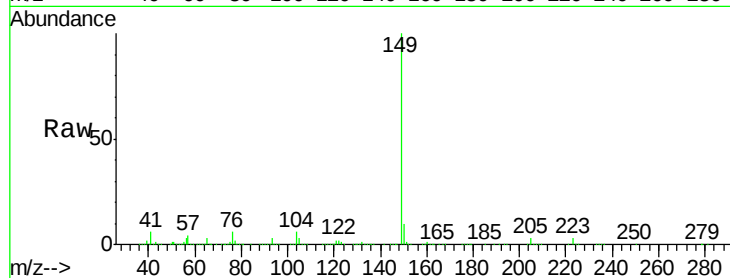
Tot Ion:149 Resp: 4024961

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

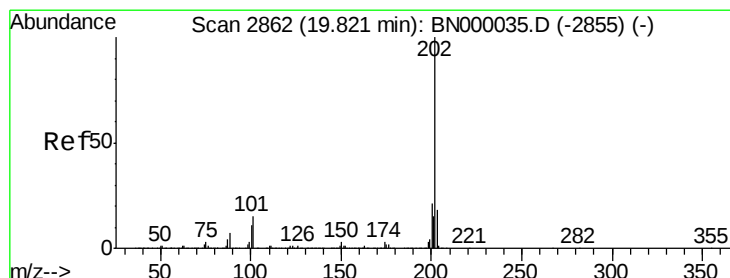
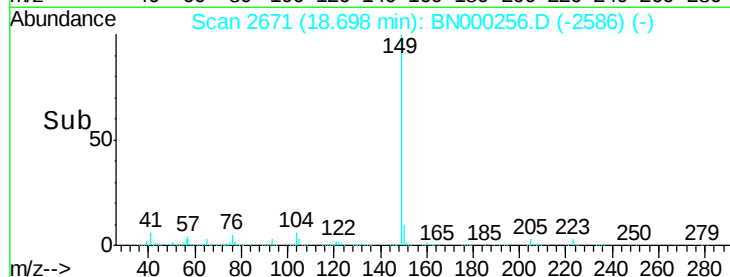
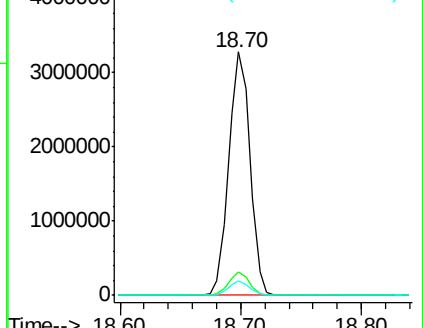
104 5.7 3.9 5.9



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: 40.840 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

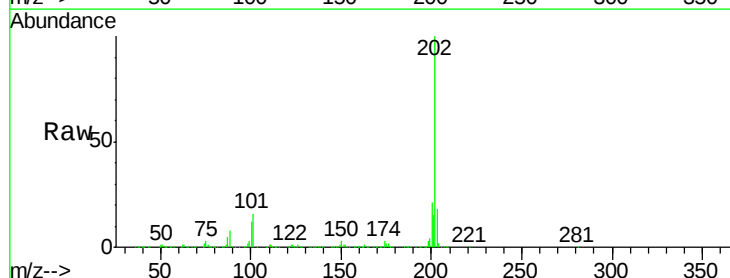
Tgt Ion:202 Resp: 3891270

Ion Ratio Lower Upper

202 100

101 16.3 0.0 28.9

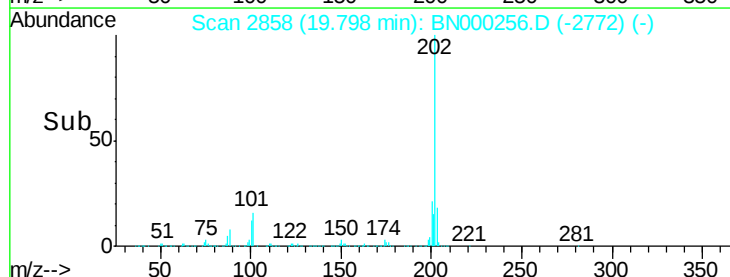
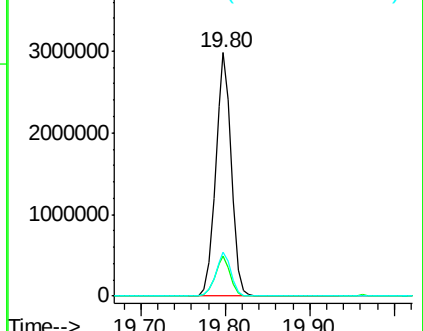
203 18.1 0.0 37.5

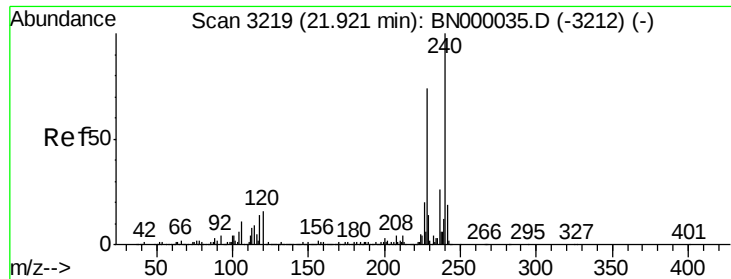


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

BNA_N

ClientSampleId :

PB107064BS

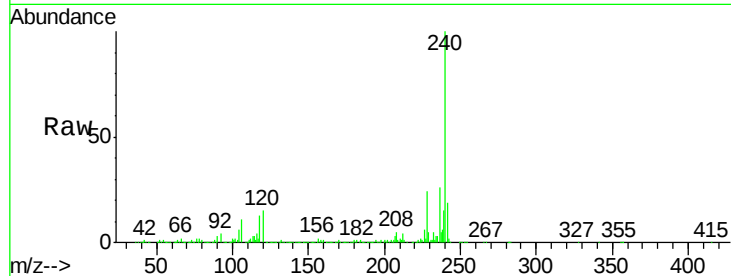
Tot Ion:240 Resp: 1533833

Ion Ratio Lower Upper

240 100

120 14.8 6.8 10.2#

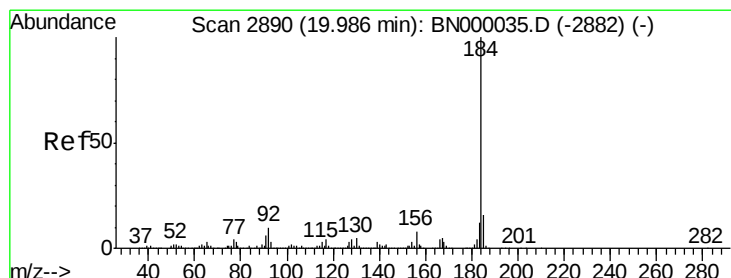
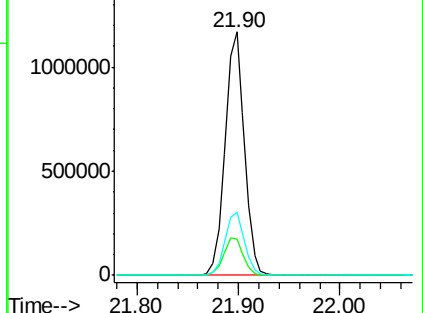
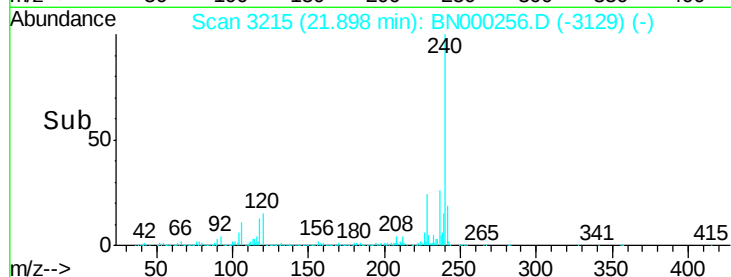
236 26.0 20.9 31.3



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: 36.903 ng

RT: 19.96 min Scan# 2886

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

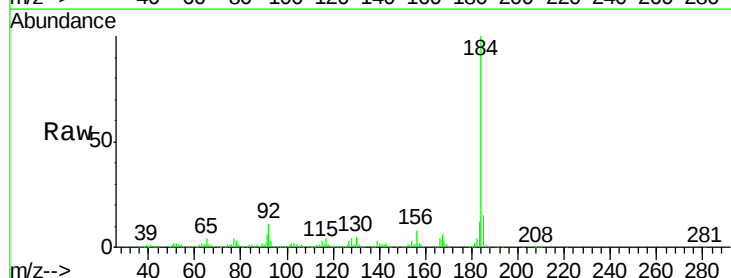
Tgt Ion:184 Resp: 1804370

Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

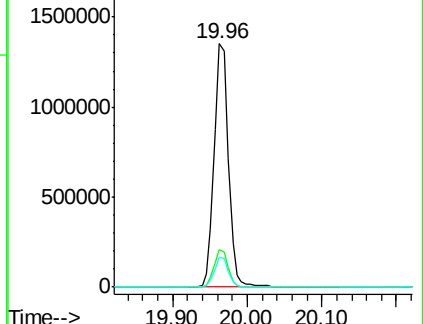
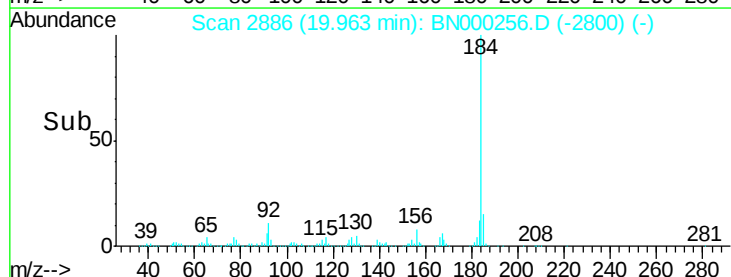
183 12.1 10.6 16.0

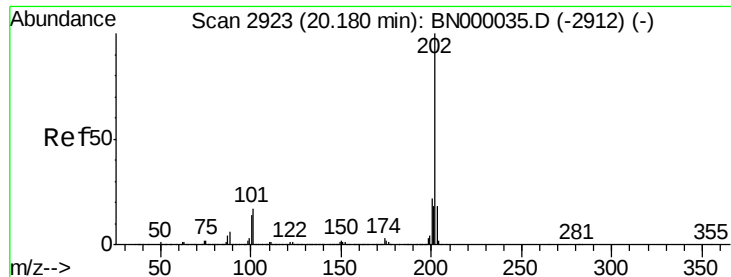


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.454 ng

RT: 20.16 min Scan# 2919

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

BNA_N

ClientSampleId :

PB107064BS

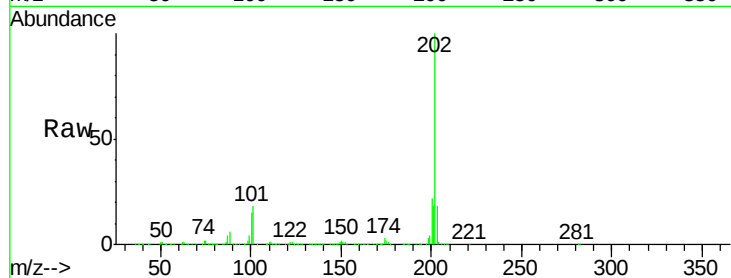
Tot Ion:202 Resp: 4041103

Ion Ratio Lower Upper

202 100

200 22.0 16.9 25.3

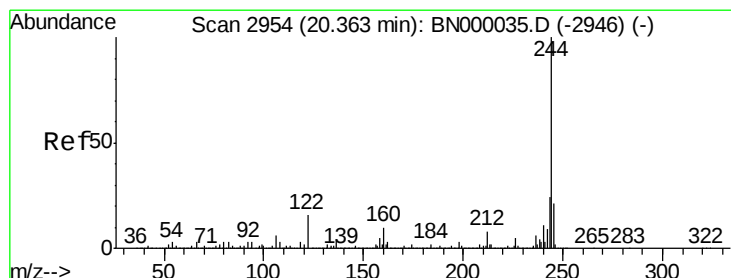
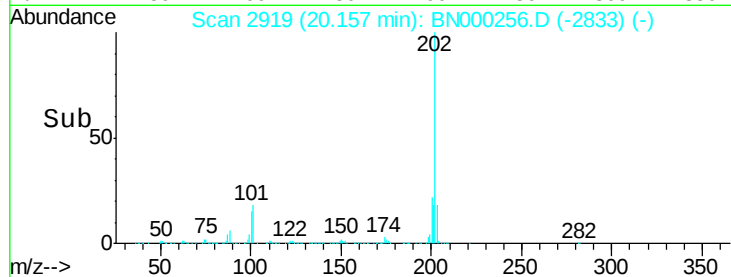
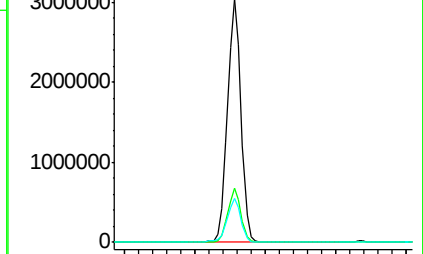
203 18.0 13.9 20.9



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: 99.539 ng

RT: 20.34 min Scan# 2950

Delta R.T. -0.02 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

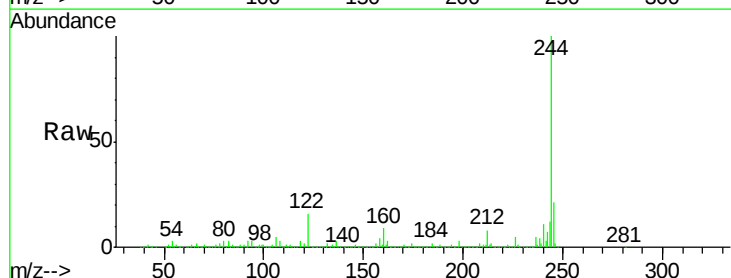
Tgt Ion:244 Resp: 5654387

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

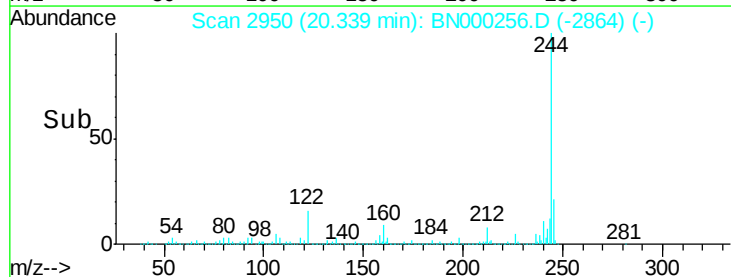
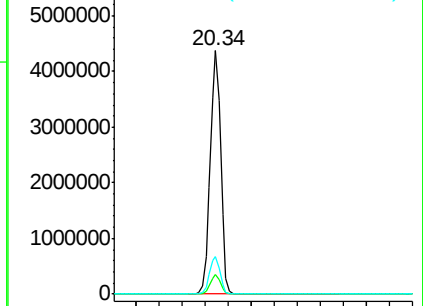
122 15.6 7.0 10.4#

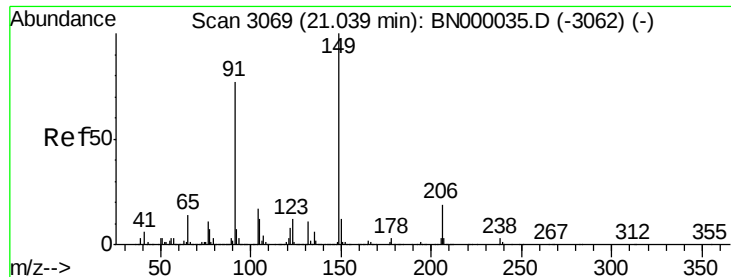


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

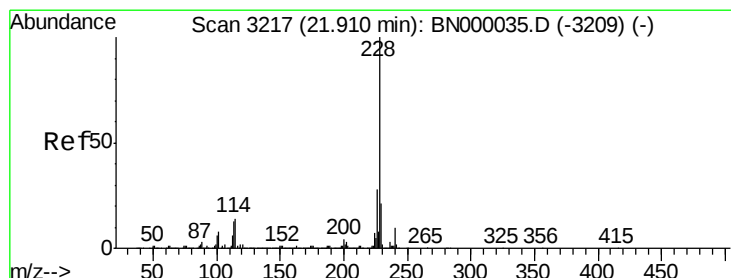
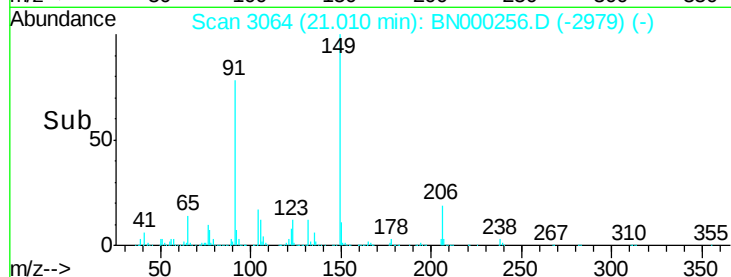
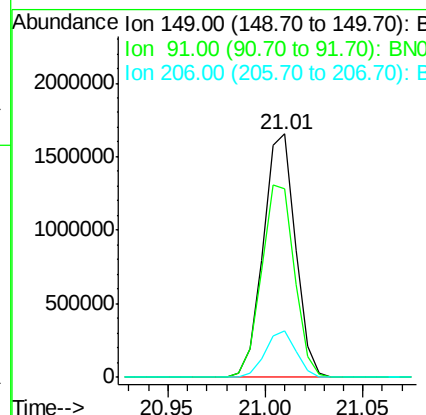
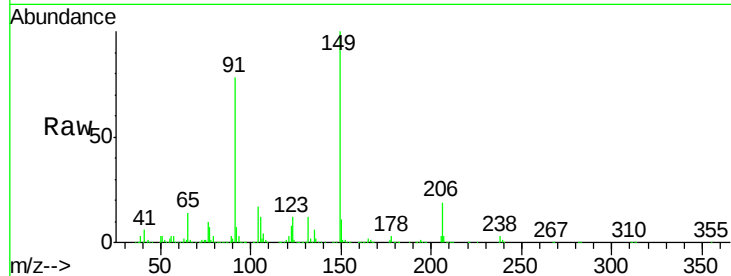




#79
Butylbenzylphthalate
Concen: 41.748 ng
RT: 21.01 min Scan# 3064
Delta R.T. -0.03 min
Lab File: BN000256.D
Acq: 06 Mar 2018 10:48

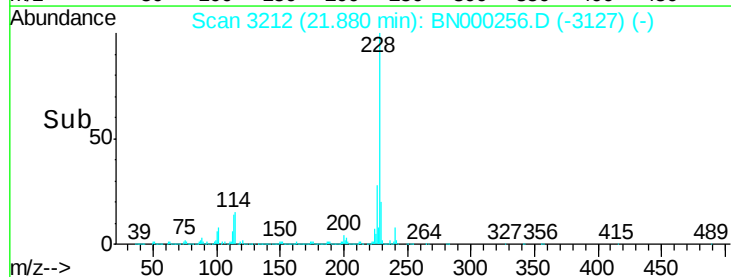
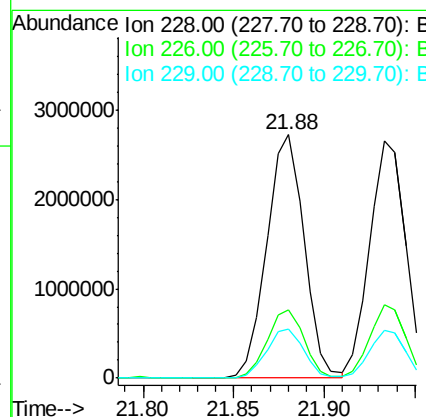
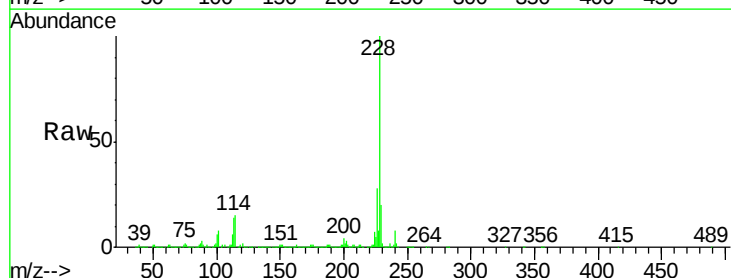
Instrument :
BNA_N
ClientSampleId :
PB107064BS

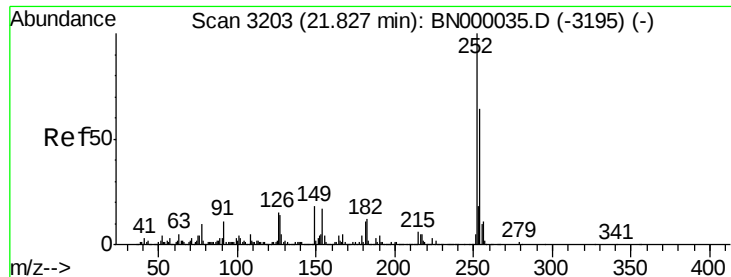
Tot Ion:149 Resp: 1894196
Ion Ratio Lower Upper
149 100
91 77.7 62.2 93.2
206 18.9 18.6 27.8



#80
Benzo(a)anthracene
Concen: 41.619 ng
RT: 21.88 min Scan# 3212
Delta R.T. -0.03 min
Lab File: BN000256.D
Acq: 06 Mar 2018 10:48

Tgt Ion:228 Resp: 3923724
Ion Ratio Lower Upper
228 100
226 28.0 22.7 34.1
229 20.1 16.2 24.2

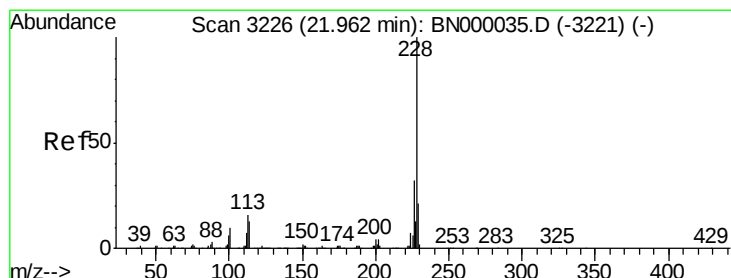
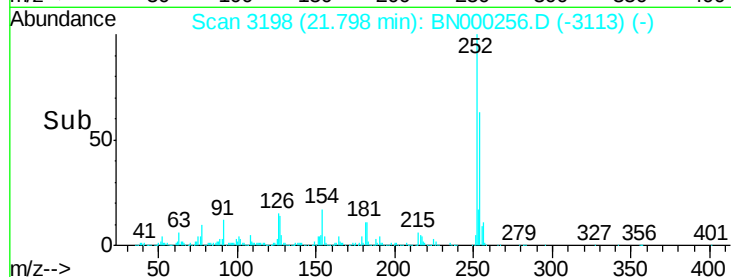
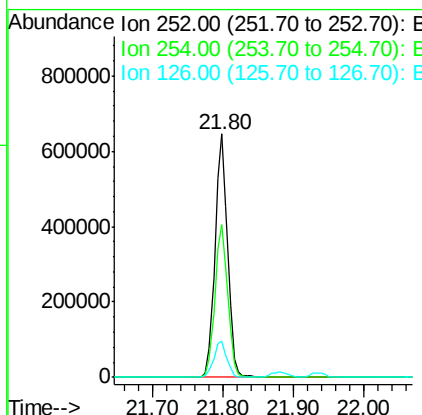
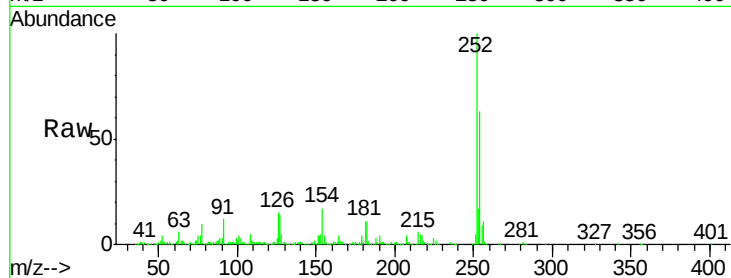




#81
 3,3'-Dichlorobenzidine
 Concen: 23.188 ng
 RT: 21.80 min Scan# 3198
 Delta R.T. -0.03 min
 Lab File: BN000256.D
 Acq: 06 Mar 2018 10:48

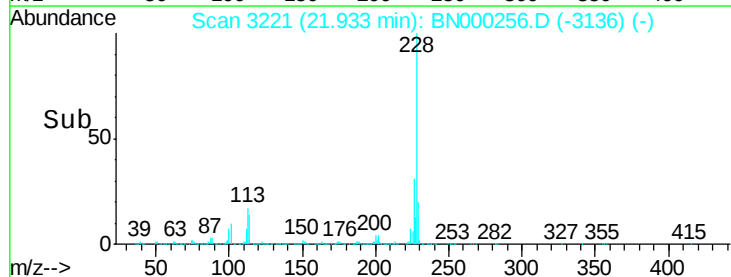
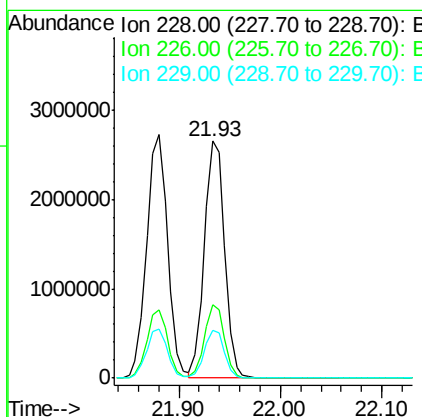
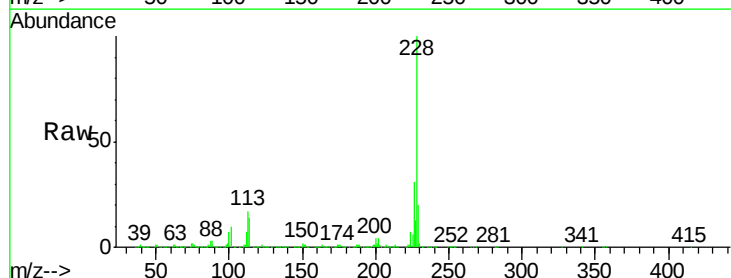
Instrument :
 BNA_N
 ClientSampleId :
 PB107064BS

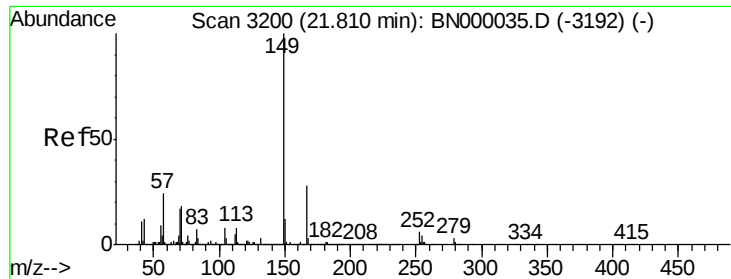
Tot Ion:252 Resp: 802929
 Ion Ratio Lower Upper
 252 100
 254 62.6 50.8 76.2
 126 14.9 7.4 11.2#



#82
 Chrysene
 Concen: 39.074 ng
 RT: 21.93 min Scan# 3221
 Delta R.T. -0.03 min
 Lab File: BN000256.D
 Acq: 06 Mar 2018 10:48

Tgt Ion:228 Resp: 3670964
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 20.3 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.087 ng

RT: 21.76 min Scan# 3192

Delta R.T. -0.05 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

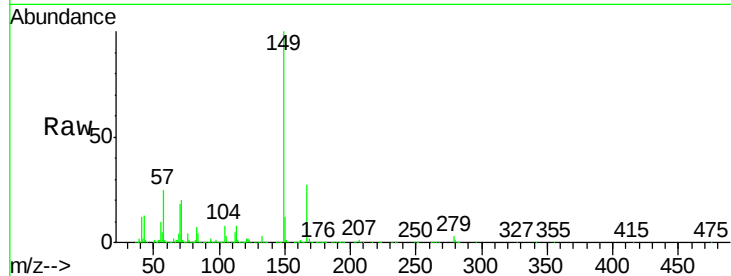
BNA_N

ClientSampleId :

PB107064BS

Tot Ion:149 Resp: 2789218

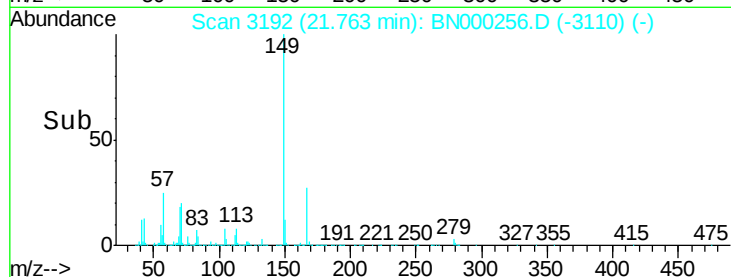
Ion	Ratio	Lower	Upper
149	100		
167	27.3	24.3	36.5
279	3.4	4.0	6.0



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



Time-->

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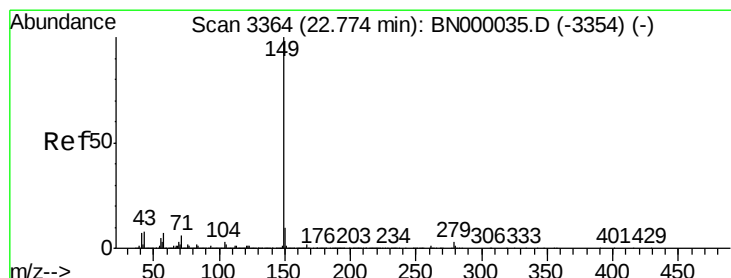
21.76

21.76

21.76

21.76

21.76



#84

Di-n-octyl phthalate

Concen: 44.262 ng

RT: 22.72 min Scan# 3354

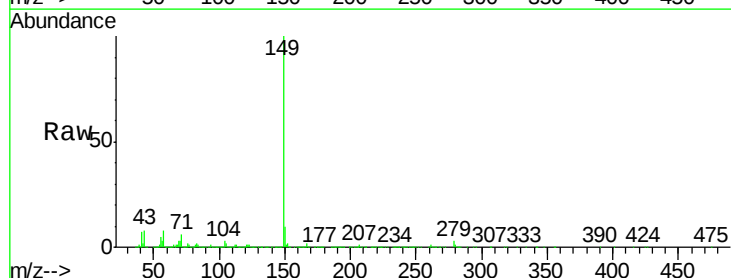
Delta R.T. -0.06 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Tgt Ion:149 Resp: 4944190

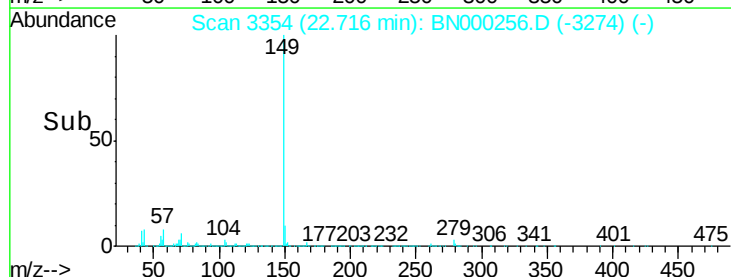
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.5	8.9	13.3



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



Time-->

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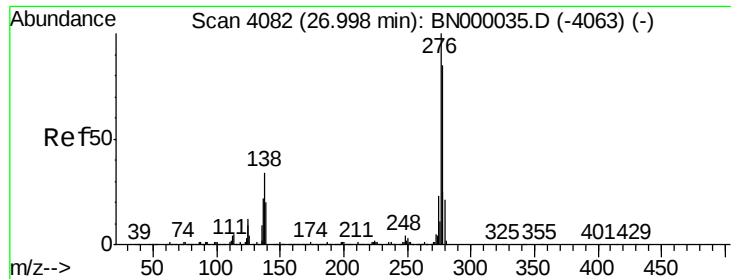
22.72

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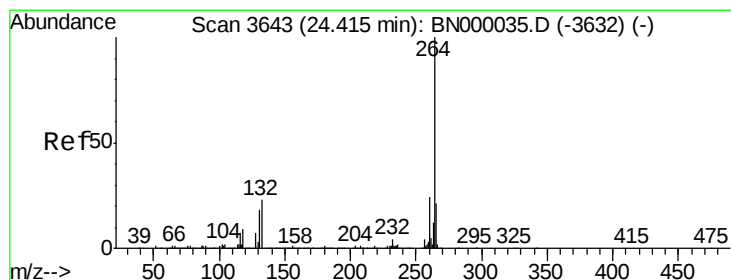
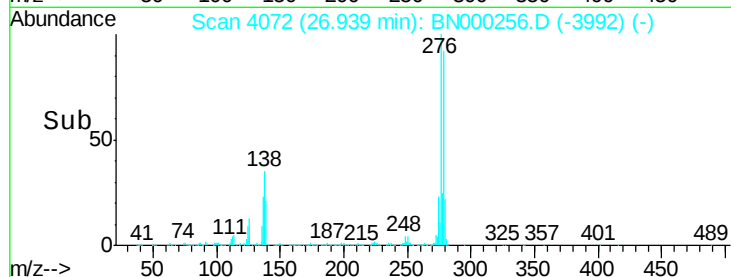
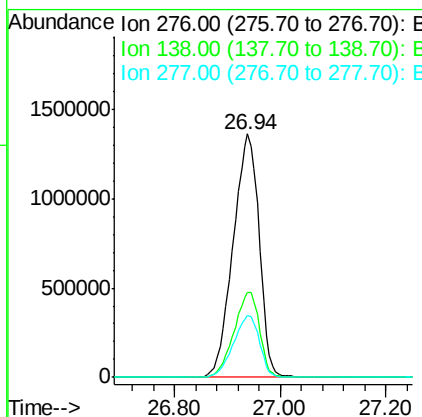
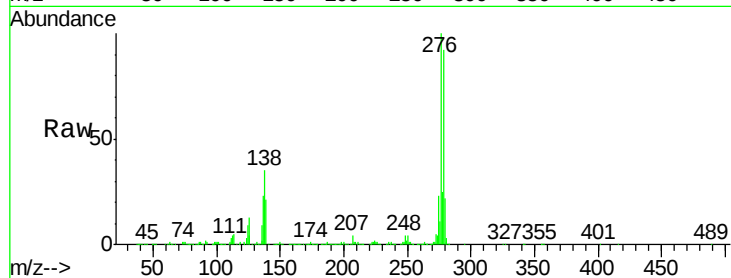
22.72



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.355 ng
 RT: 26.94 min Scan# 4072
 Delta R.T. -0.06 min
 Lab File: BN000256.D
 Acq: 06 Mar 2018 10:48

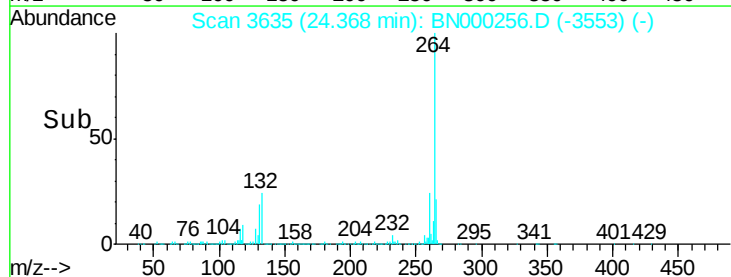
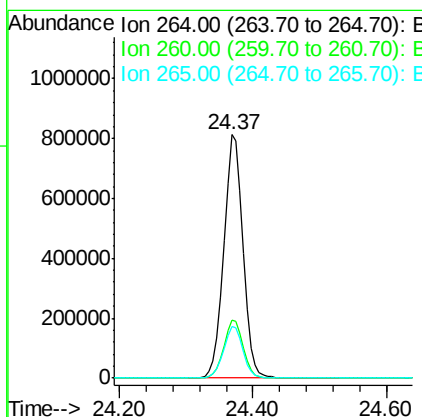
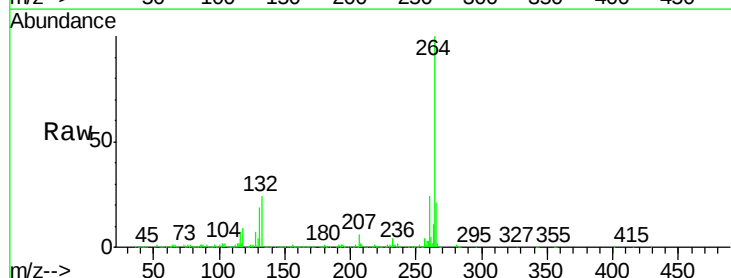
Instrument :
 BNA_N
 ClientSampleId :
 PB107064BS

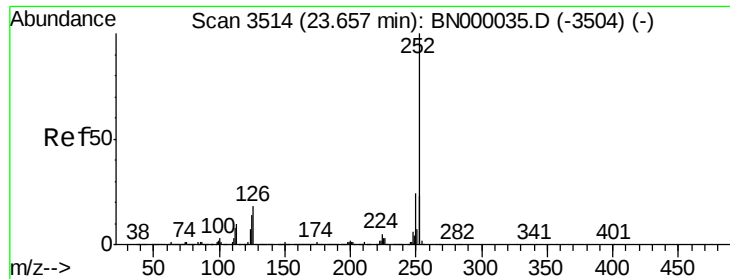
Tot Ion:276 Resp: 4657307
 Ion Ratio Lower Upper
 276 100
 138 34.5 16.0 24.0#
 277 25.5 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.37 min Scan# 3635
 Delta R.T. -0.05 min
 Lab File: BN000256.D
 Acq: 06 Mar 2018 10:48

Tgt Ion:264 Resp: 1656649
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.4 26.0
 265 21.4 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 40.783 ng

RT: 23.62 min Scan# 3507

Delta R.T. -0.04 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

BNA_N

ClientSampleId :

PB107064BS

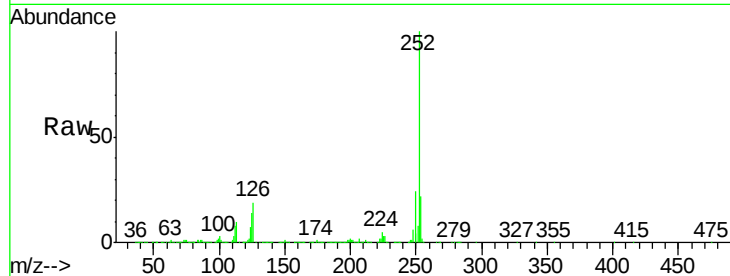
Tot Ion:252 Resp: 3954707

Ion Ratio Lower Upper

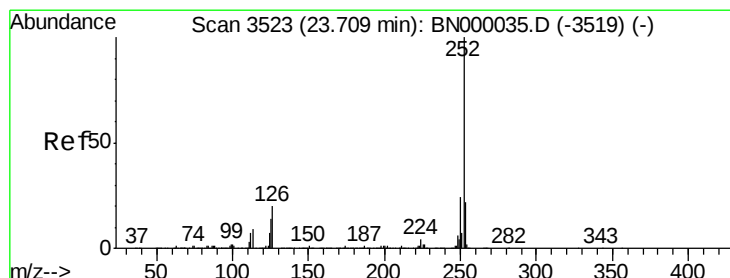
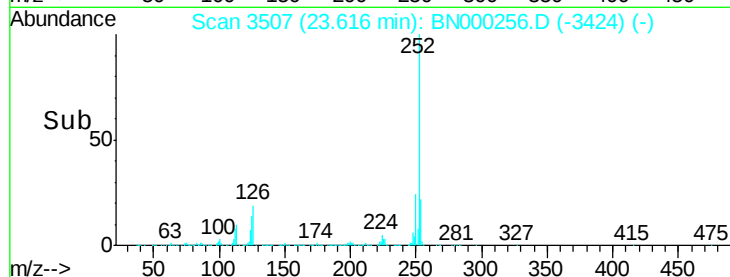
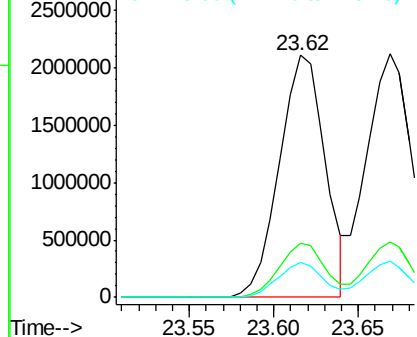
252 100

253 22.3 18.2 27.4

125 14.4 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: 40.938 ng

RT: 23.67 min Scan# 3516

Delta R.T. -0.04 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

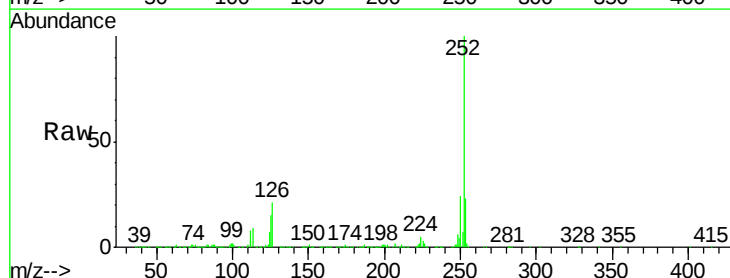
Tgt Ion:252 Resp: 3998123

Ion Ratio Lower Upper

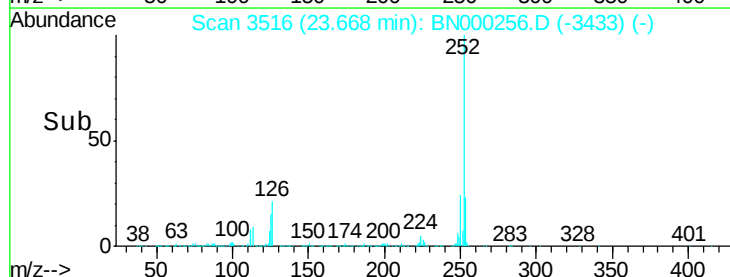
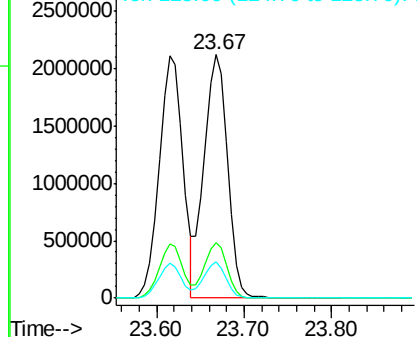
252 100

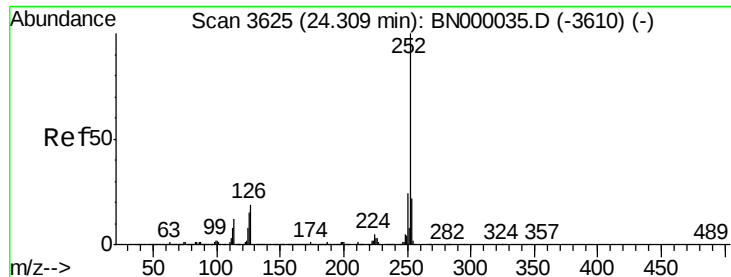
253 22.9 17.4 26.2

125 14.7 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: 41.915 ng

RT: 24.27 min Scan# 3618

Delta R.T. -0.04 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

BNA_N

ClientSampleId :

PB107064BS

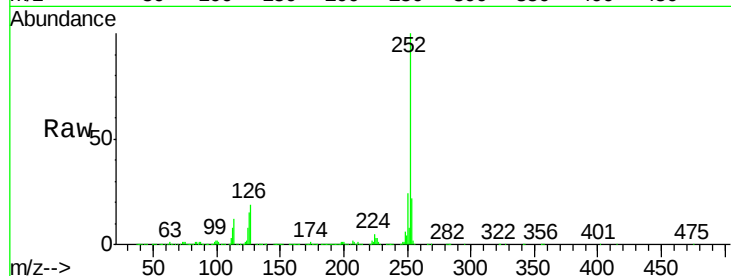
Tot Ion:252 Resp: 3897746

Ion Ratio Lower Upper

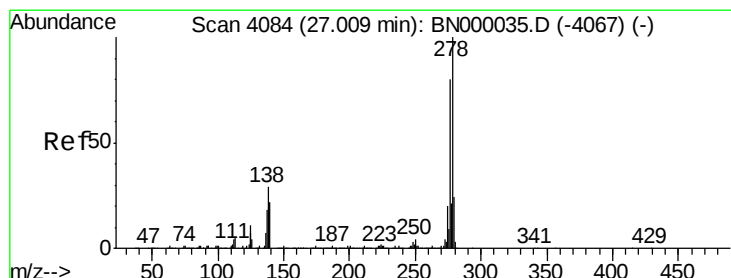
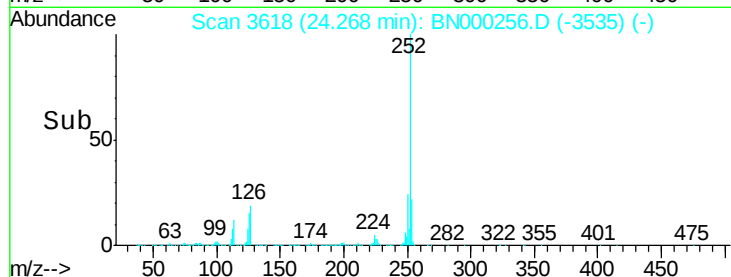
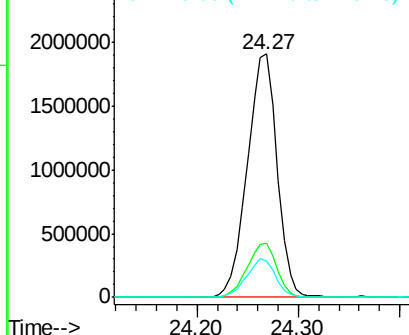
252 100

253 22.1 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: 40.264 ng

RT: 26.95 min Scan# 4074

Delta R.T. -0.06 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

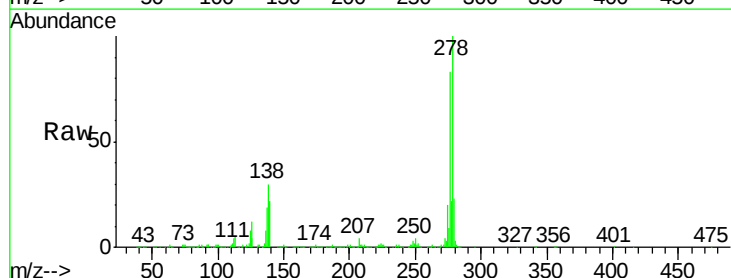
Tgt Ion:278 Resp: 3915501

Ion Ratio Lower Upper

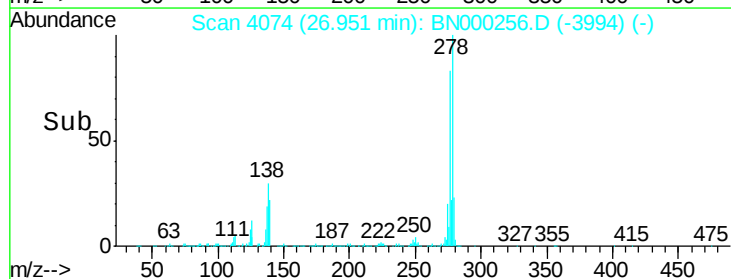
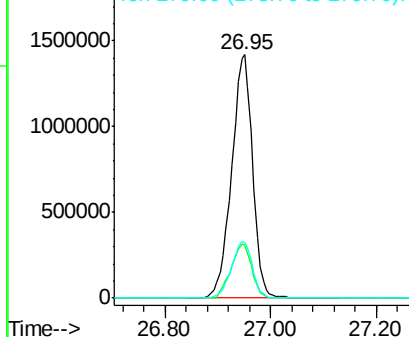
278 100

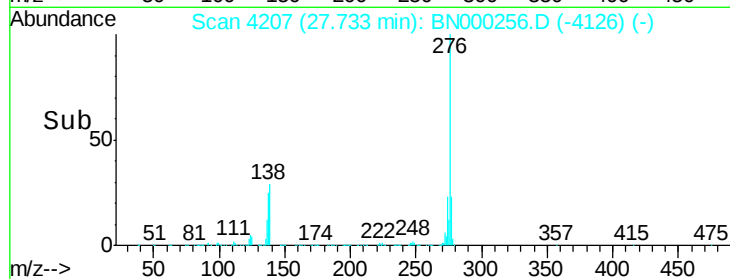
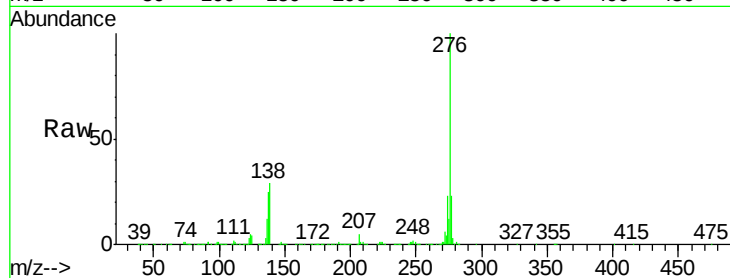
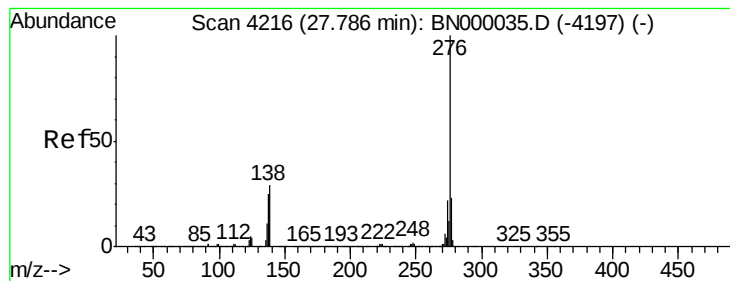
139 21.6 9.8 14.6#

279 23.0 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: 40.091 ng

RT: 27.73 min Scan# 4207

Delta R.T. -0.05 min

Lab File: BN000256.D

Acq: 06 Mar 2018 10:48

Instrument :

BNA_N

ClientSampleId :

PB107064BS

Tot Ion:276 Resp: 3942231

Ion Ratio Lower Upper

276 100

277 23.4 18.3 27.5

138 29.1 13.9 20.9#

