

Data Path : U:\HPCHEM1\BNA N\DATA\BN020518\
 Data File : BN000015.D
 Acq On : 05 Feb 2018 12:59
 Operator :
 Sample : MDL-S-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 06 05:21:22 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 19:48:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	298891	20.00	ng	-0.01
21) Naphthalene-d8	11.32	136	1489891	20.00	ng	-0.01
38) Acenaphthene-d10	15.09	164	902325	20.00	ng	0.00
63) Phenanthrene-d10	17.80	188	2054610	20.00	ng	0.00
75) Chrysene-d12	21.93	240	2352996	20.00	ng	-0.02
86) Perylene-d12	24.43	264	2467470	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.95	112	2472601	121.97	ng	0.00
7) Phenol-d6	7.59	99	3562666	115.70	ng	0.00
23) Nitrobenzene-d5	9.65	82	2262933	91.84	ng	-0.01
41) 2,4,6-Tribromophenol	16.56	330	1119068	123.37	ng	0.00
44) 2-Fluorobiphenyl	13.72	172	6127460	90.95	ng	0.00
78) Terphenyl-d14	20.37	244	8148357	91.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	28425	3.544	ng	98
3) Pyridine	4.13	79	63228	2.600	ng	95
4) n-Nitrosodimethylamine	4.02	42	23425	3.274	ng	# 96
6) Aniline	7.78	93	134327	3.200	ng	93
8) 2-Chlorophenol	8.03	128	79683	3.553	ng	89
9) Benzaldehyde	7.59	77	75918	2.371	ng	99
10) Phenol	7.62	94	106272	3.376	ng	91
11) bis(2-Chloroethyl)ether	7.87	93	88524	3.526	ng	# 81
12) 1,3-Dichlorobenzene	8.36	146	94504	3.796	ng	95
13) 1,4-Dichlorobenzene	8.51	146	93868	3.671	ng	94
14) 1,2-Dichlorobenzene	8.84	146	94713	3.749	ng	99
15) Benzyl Alcohol	8.71	79	60097	2.658	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.00	45	97598	3.594	ng	82
17) 2-Methylphenol	8.90	107	65712	2.895	ng	97
18) Hexachloroethane	9.59	117	29895	3.409	ng	# 82
19) n-Nitroso-di-n-propylamine	9.28	70	59256	2.856	ng	# 88
20) 3+4-Methylphenols	9.23	107	88796	2.793	ng	98
22) Acetophenone	9.30	105	150331	3.416	ng	# 89
24) Nitrobenzene	9.69	77	105564	3.995	ng	98
25) Isophorone	10.22	82	162630	2.787	ng	98
26) 2-Nitrophenol	10.41	139	19247	2.083	ng	96
27) 2,4-Dimethylphenol	10.46	122	80088	3.347	ng	97
28) bis(2-Chloroethoxy)methane	10.70	93	114036	3.387	ng	99
29) 2,4-Dichlorophenol	10.95	162	50791	2.474	ng	94
30) 1,2,4-Trichlorobenzene	11.17	180	88211	3.669	ng	97
31) Naphthalene	11.37	128	308363	3.690	ng	97
32) Benzoic acid	10.46	122	80088	12.333	ng	# 8
33) 4-Chloroaniline	11.46	127	117380	3.030	ng	96
34) Hexachlorobutadiene	11.65	225	46136	3.766	ng	97
36) 4-Chloro-3-methylphenol	12.54	107	63364	2.270	ng	97
37) 2-Methylnaphthalene	12.95	142	204809	3.469	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	99857	3.799	ng	# 96
40) Hexachlorocyclopentadiene	13.28	237	26630	3.034	ng	86
42) 2,4,6-Trichlorophenol	13.53	196	34439	2.217	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

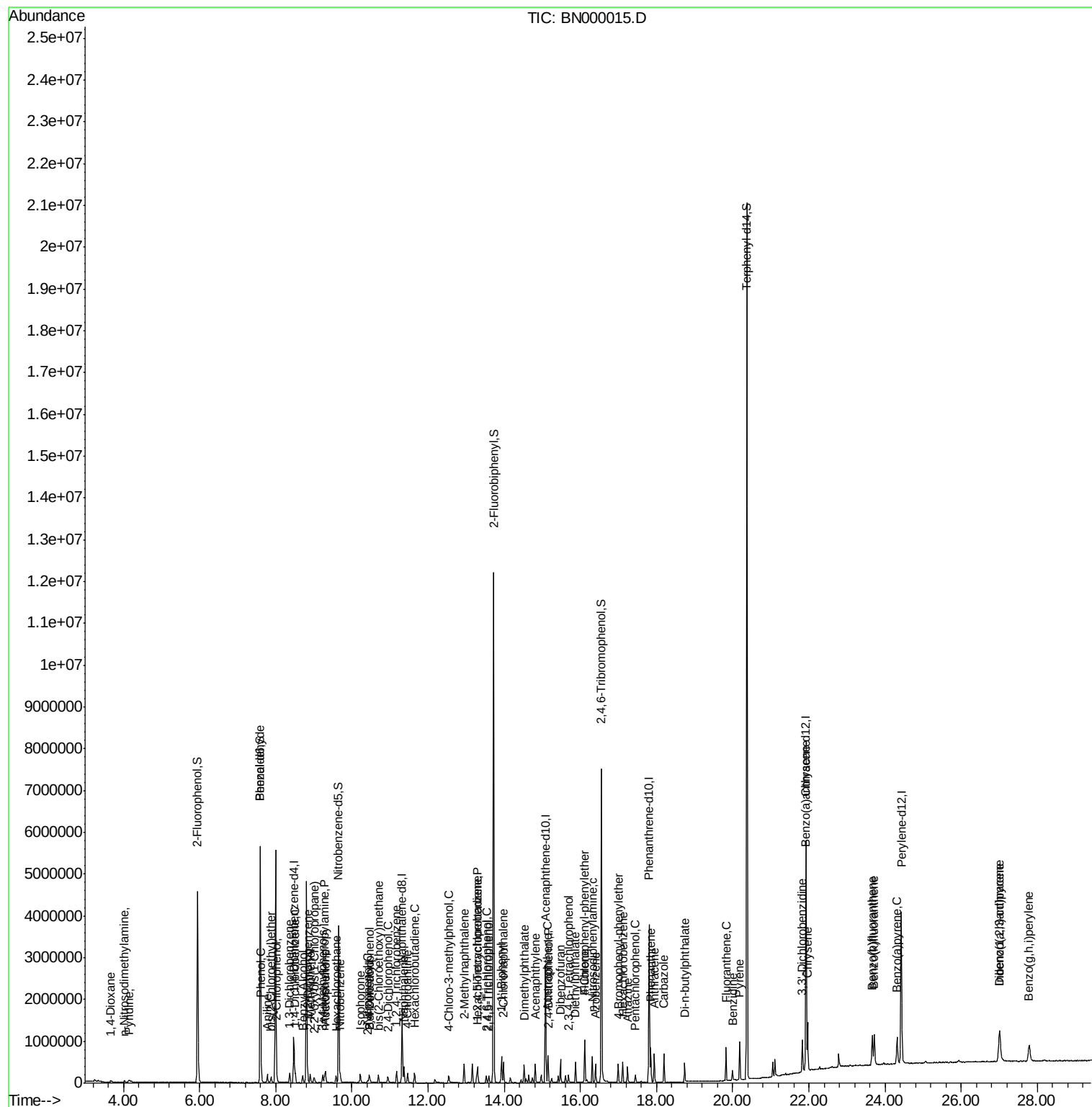
43) 2,4,5-Trichlorophenol	13.59	196	39580	2.163	nq	# 87
45) 1,1'-Biphenyl	13.93	154	318262	3.948	nq	98
46) 2-Chloronaphthalene	13.97	162	224492	3.709	nq	98
48) Acenaphthylene	14.82	152	316458	3.114	nq	96
49) Dimethylphthalate	14.52	163	257933	3.198	nq	99
51) Acenaphthene	15.15	154	230003	3.586	nq	97
53) 2,4-Dinitrophenol	15.17	184	6375	6.431	nq	93
54) Dibenzofuran	15.47	168	340686	3.702	nq	95
57) Fluorene	16.12	166	273296	3.527	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.69	232	34056	2.286	nq	# 78
59) Diethylphthalate	15.87	149	254311	3.018	nq	95
60) 4-Chlorophenyl-phenylether	16.10	204	123148	3.596	nq	# 88
62) Azobenzene	16.40	77	250596	2.976	nq	90
65) n-Nitrosodiphenylamine	16.32	169	221818	3.304	nq	96
66) 4-Bromophenyl-phenylether	16.99	248	65754	3.420	nq	# 82
67) Hexachlorobenzene	17.11	284	82726	3.735	nq	# 87
68) Atrazine	17.24	200	58513	2.859	nq	93
69) Pentachlorophenol	17.44	266	26870	2.025	nq	95
70) Phenanthrene	17.84	178	469523	3.798	nq	98
71) Anthracene	17.94	178	404989	3.307	nq	97
72) Carbazole	18.20	167	411067	3.244	nq	97
73) Di-n-butylphthalate	18.74	149	316125	2.247	nq	# 98
74) Fluoranthene	19.83	202	455147	3.242	nq	95
76) Benzidine	19.99	184	130687	2.194	nq	# 94
77) Pyrene	20.18	202	516179	3.477	nq	99
80) Benzo(a)anthracene	21.92	228	513073	3.517	nq	98
81) 3,3'-Dichlorobenzidine	21.83	252	115593	2.364	nq	# 98
82) Chrysene	21.97	228	552218	3.811	nq	99
85) Indeno(1,2,3-cd)pyrene	27.00	276	569433	3.047	nq	# 85
87) Benzo(b)fluoranthene	23.67	252	488513	3.330	nq	# 96
88) Benzo(k)fluoranthene	23.72	252	524110	3.563	nq	# 93
89) Benzo(a)pyrene	24.32	252	448174	3.145	nq	# 93
90) Dibenzo(a,h)anthracene	27.02	278	480122	3.218	nq	# 89
91) Benzo(g,h,i)perylene	27.79	276	482419	3.182	nq	# 88

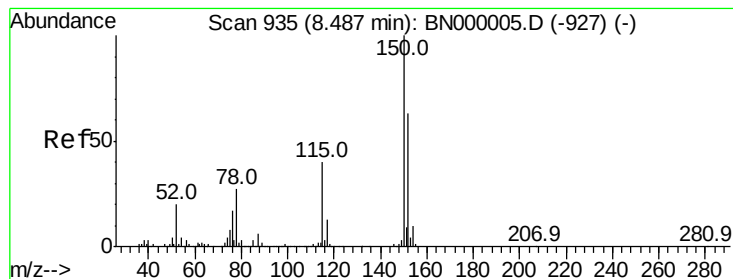
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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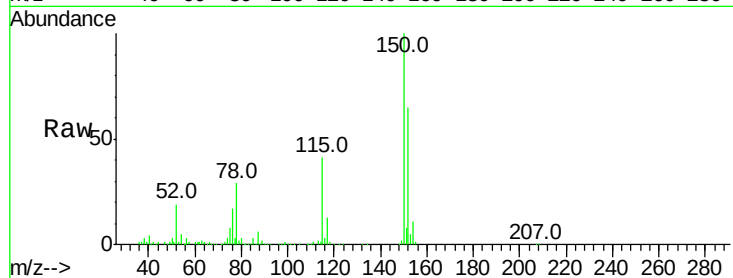


#1

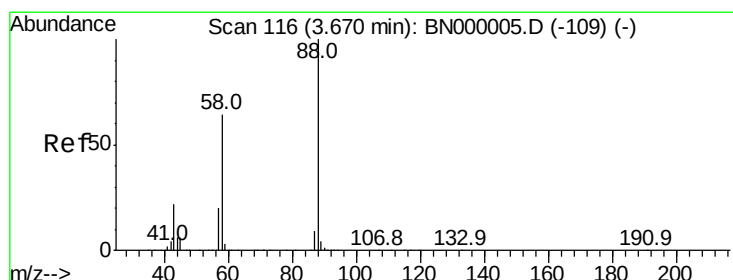
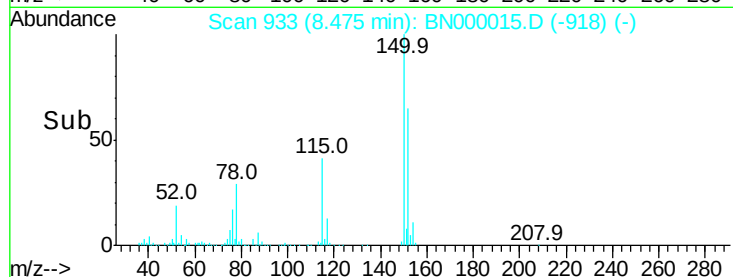
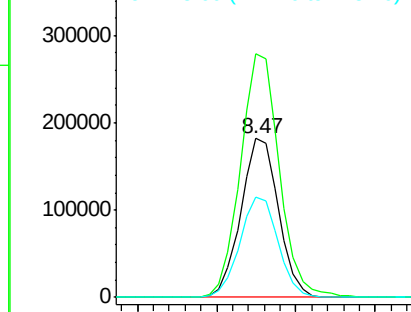
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.6	189.8
115	63.1	53.0	79.4



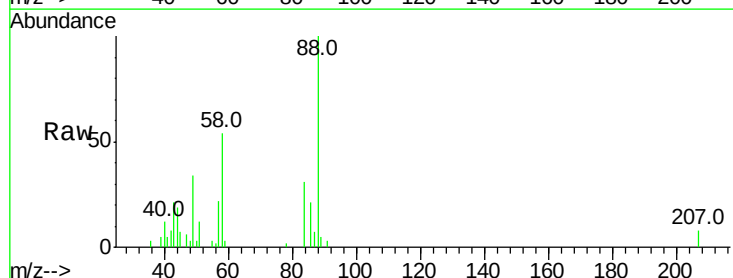
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



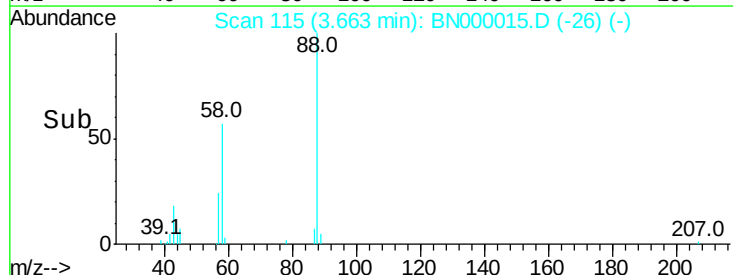
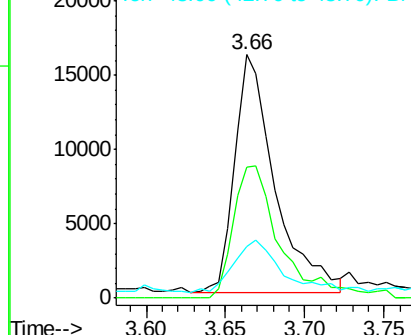
#2

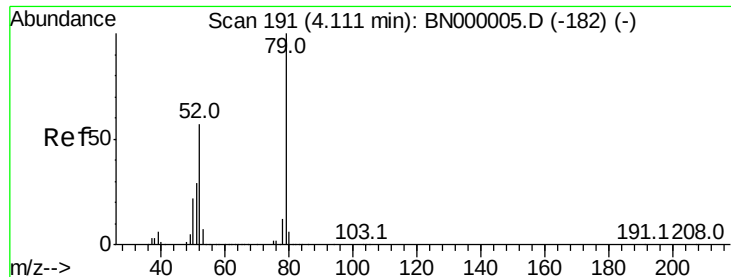
1,4-Dioxane
Concen: 3.544 ng
RT: 3.66 min Scan# 115
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.7	52.0	78.0
43	26.6	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: 2.600 ng

RT: 4.13 min Scan# 195

Delta R.T. 0.02 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampleId :

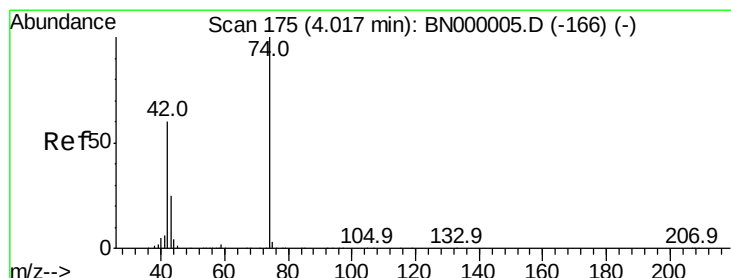
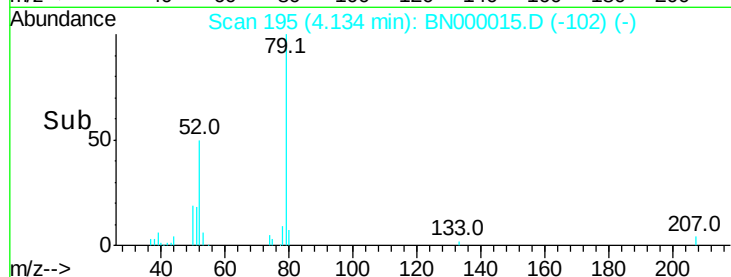
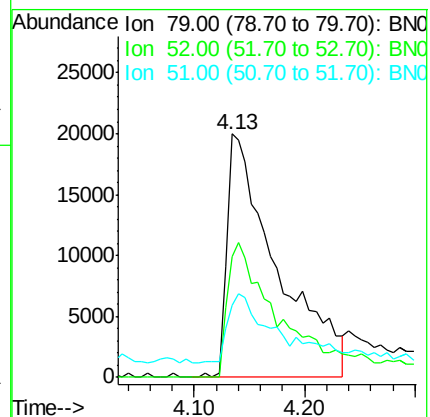
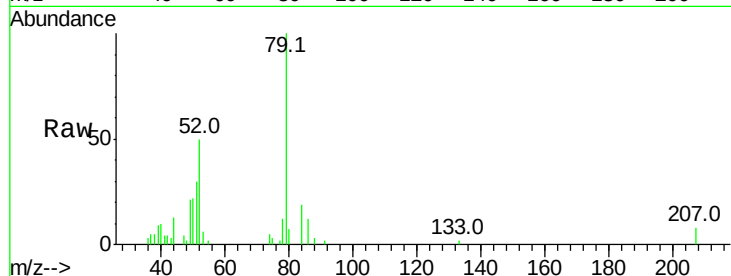
Tot Ion: 79 Resp: 63228

Ion Ratio Lower Upper

79 100

52 49.8 44.0 66.0

51 29.7 24.0 36.0



#4

n-Nitrosodimethylamine

Concen: 3.274 ng

RT: 4.02 min Scan# 176

Delta R.T. 0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

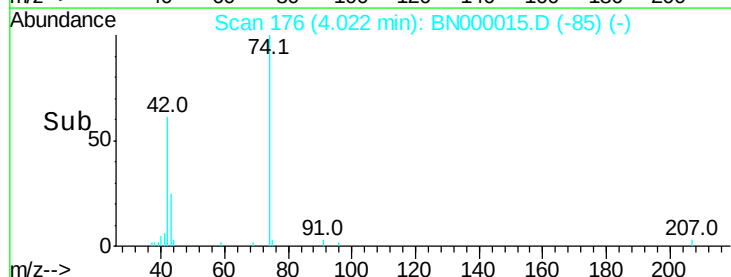
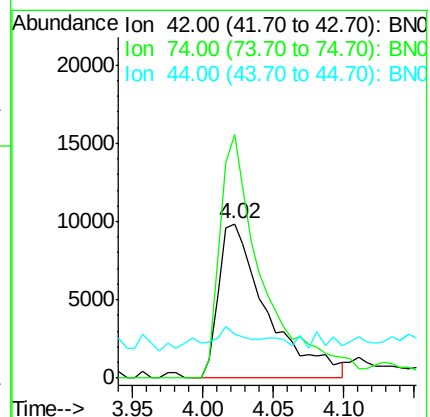
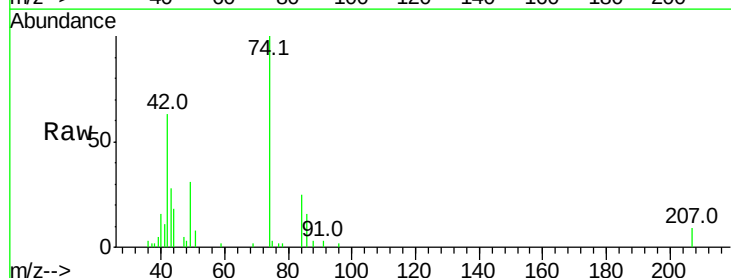
Tgt Ion: 42 Resp: 23425

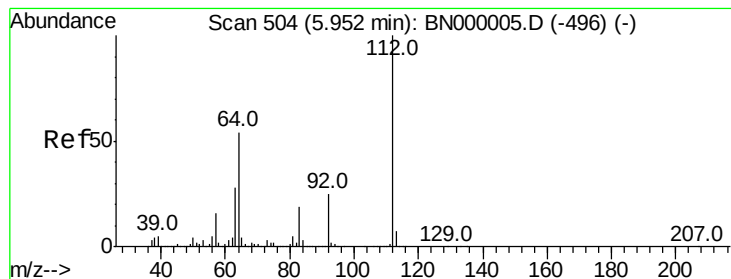
Ion Ratio Lower Upper

42 100

74 158.0 128.0 192.0

44 28.8 12.0 18.0#





#5

2-Fluorophenol

Concen: 121.974 ng

RT: 5.95 min Scan# 503

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampleId :

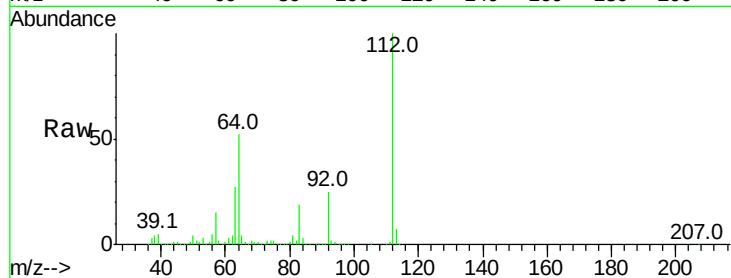
Tot Ion:112 Resp: 2472601

Ion Ratio Lower Upper

112 100

64 51.5 56.3 84.5#

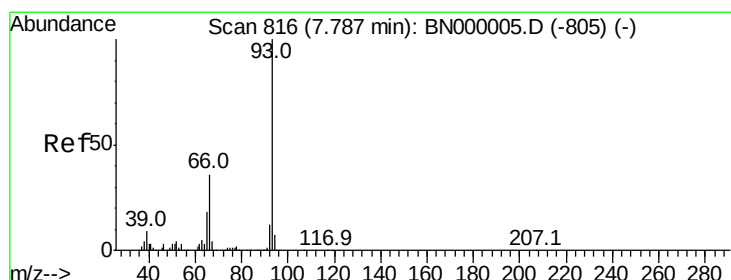
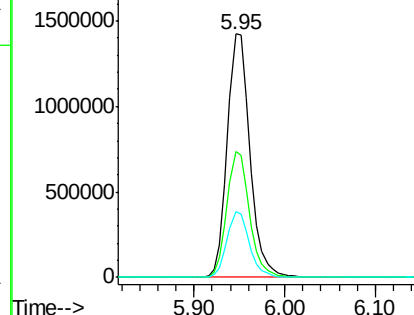
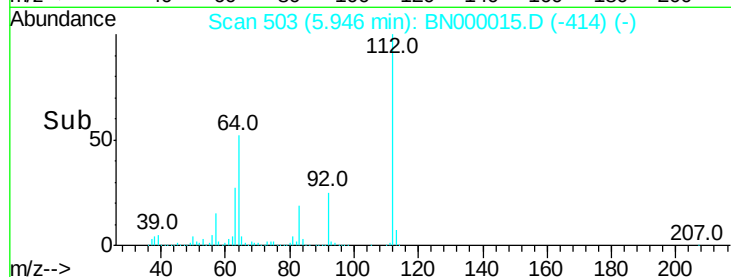
63 26.9 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 3.200 ng

RT: 7.78 min Scan# 815

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

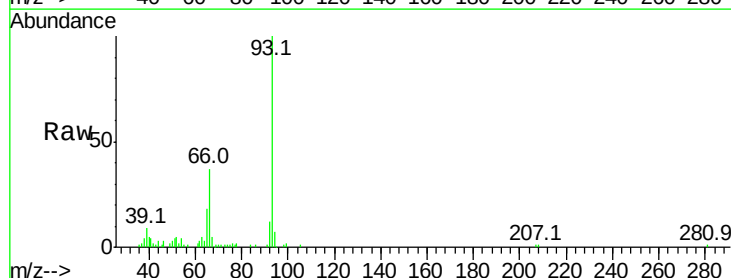
Tgt Ion: 93 Resp: 134327

Ion Ratio Lower Upper

93 100

66 36.9 33.7 50.5

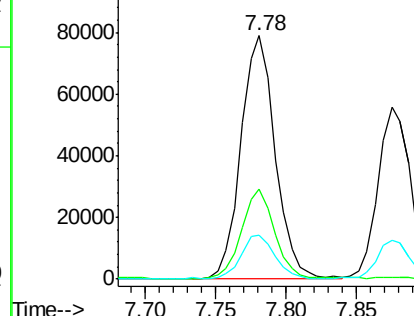
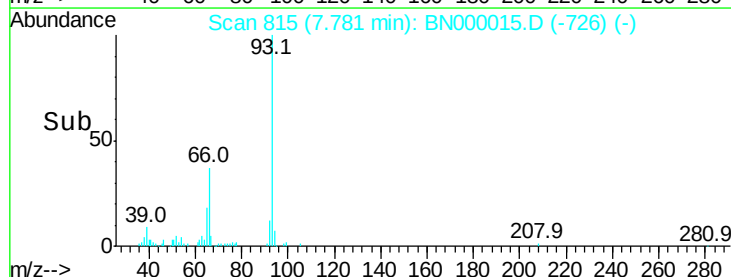
65 18.2 16.1 24.1

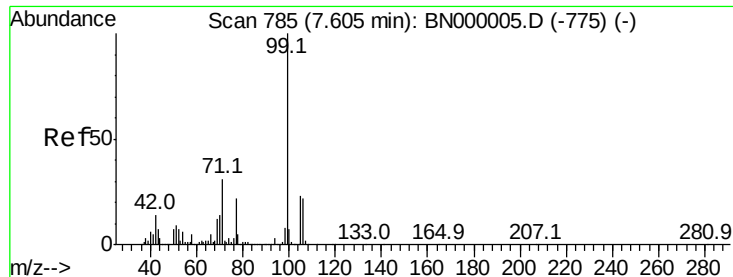


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 115.702 ng

RT: 7.59 min Scan# 783

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampled :

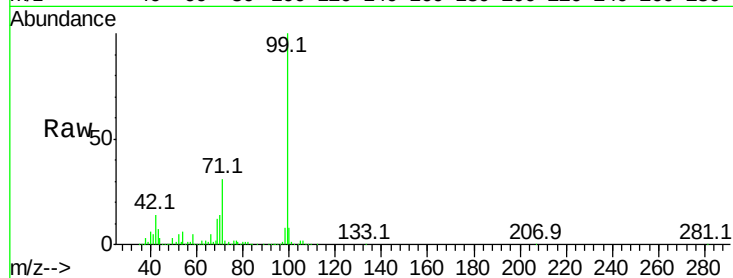
Tot Ion: 99 Resp: 3562666

Ion Ratio Lower Upper

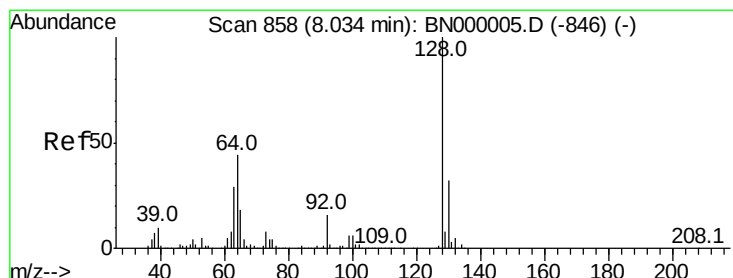
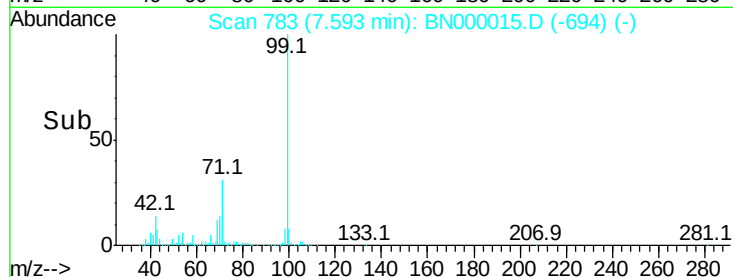
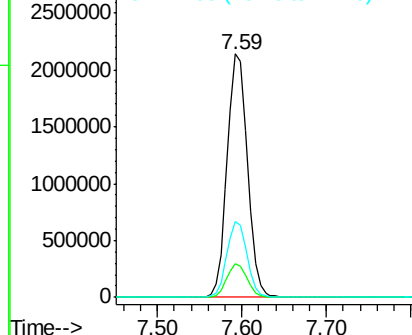
99 100

42 13.7 14.1 21.1#

71 31.3 26.1 39.1



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



#8

2-Chlorophenol

Concen: 3.553 ng

RT: 8.03 min Scan# 857

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

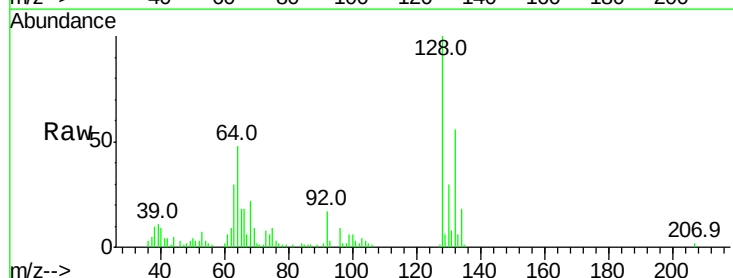
Tgt Ion:128 Resp: 79683

Ion Ratio Lower Upper

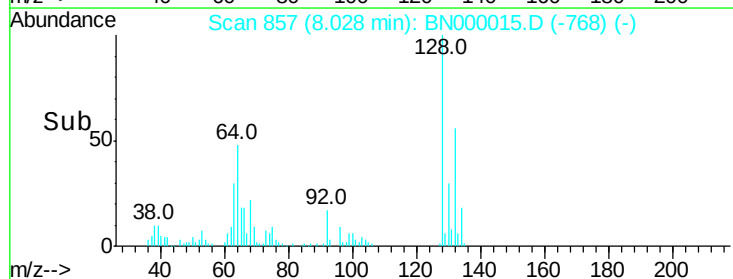
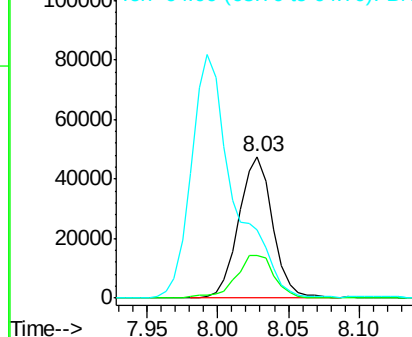
128 100

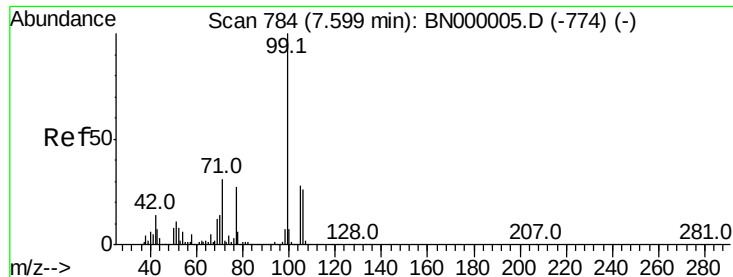
130 29.8 14.0 54.0

64 48.0 37.7 77.7



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





#9

Benzaldehyde

Concen: 2.371 ng

RT: 7.59 min Scan# 783

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampled :

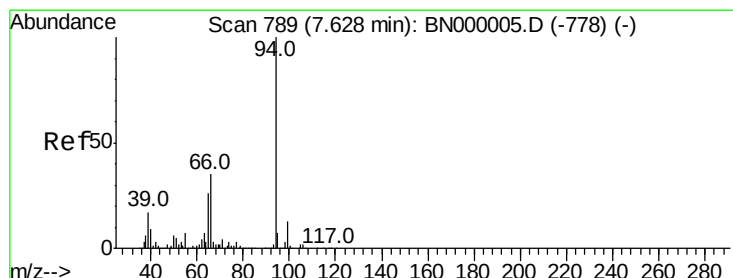
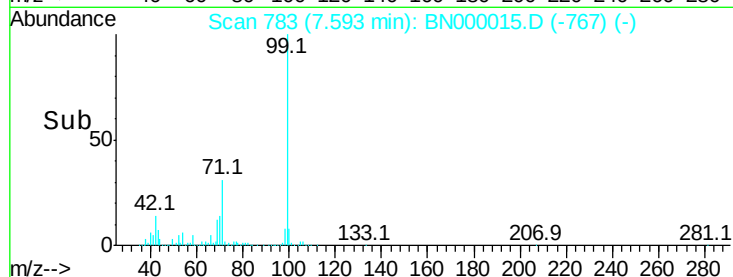
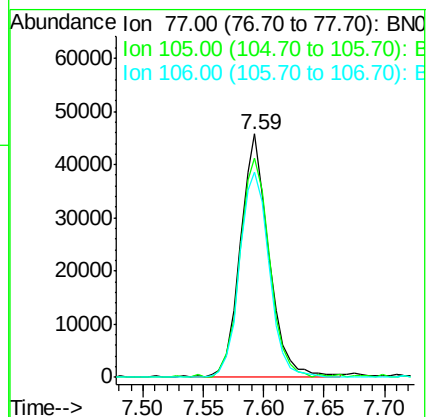
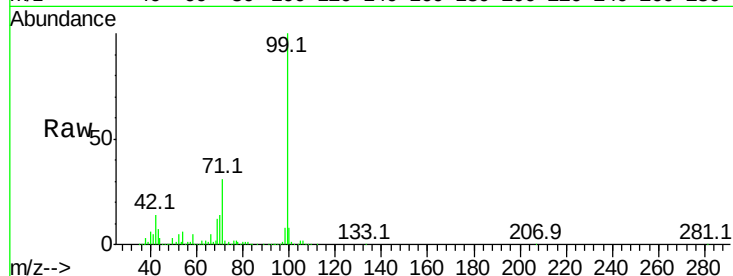
Tot Ion: 77 Resp: 75918

Ion Ratio Lower Upper

77 100

105 90.2 71.3 111.3

106 84.5 64.2 104.2



#10

Phenol

Concen: 3.376 ng

RT: 7.62 min Scan# 788

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

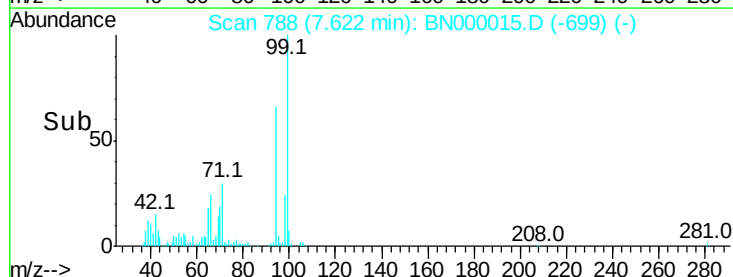
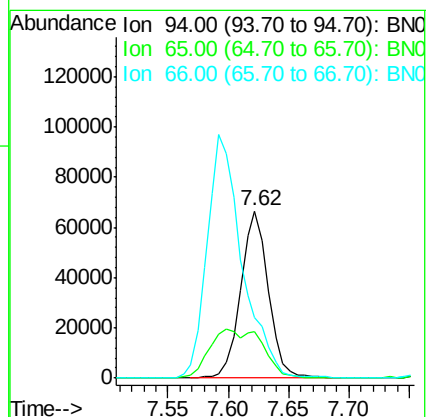
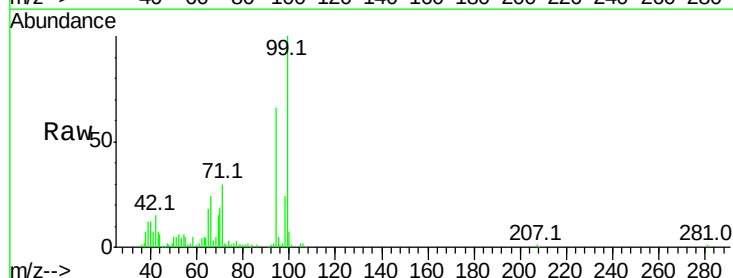
Tgt Ion: 94 Resp: 106272

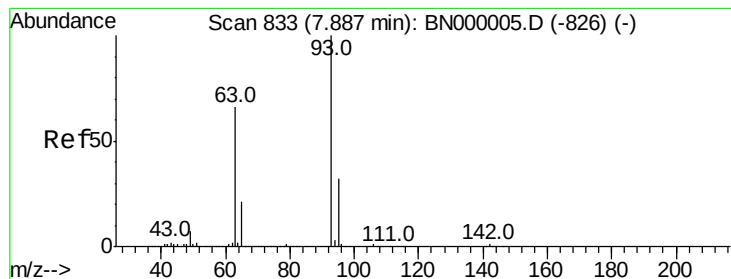
Ion Ratio Lower Upper

94 100

65 27.6 11.9 51.9

66 36.4 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 3.526 ng

RT: 7.87 min Scan# 831

Delta R.T. -0.01 min

Lab File: BN000015.D

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ClientSampleId :

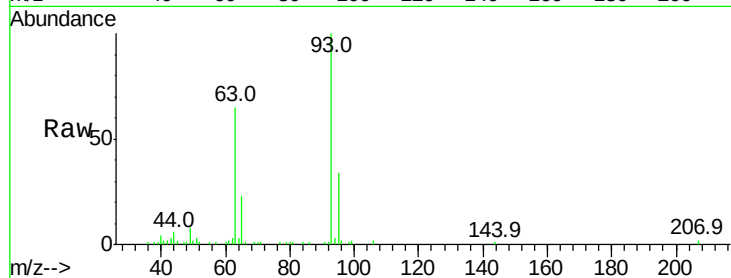
Tot Ion: 93 Resp: 88524

Ion Ratio Lower Upper

93 100

63 65.2 67.1 107.1#

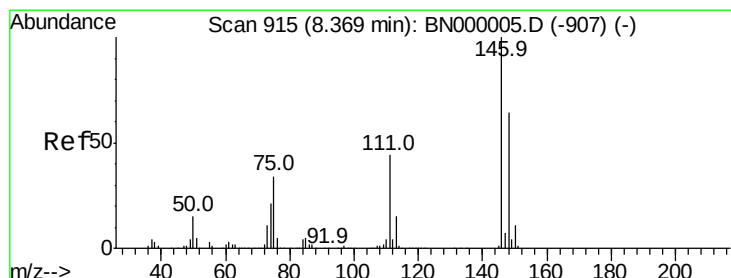
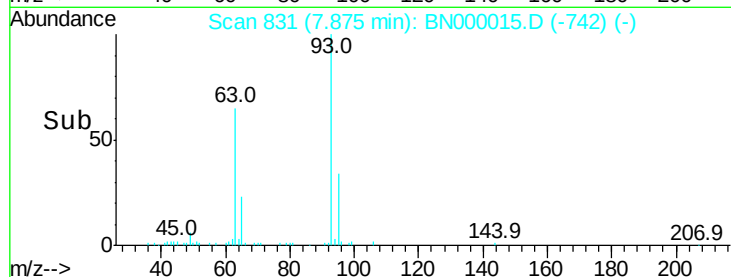
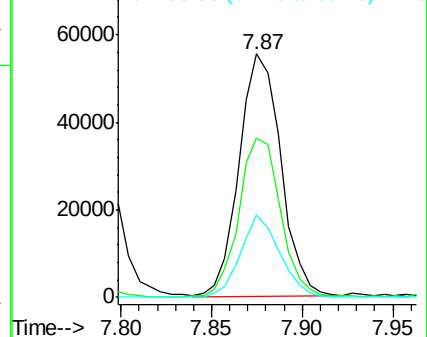
95 33.8 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0



#12

1,3-Dichlorobenzene

Concen: 3.796 ng

RT: 8.36 min Scan# 914

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

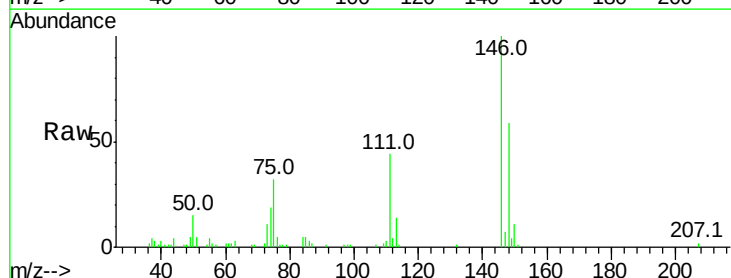
Tgt Ion: 146 Resp: 94504

Ion Ratio Lower Upper

146 100

148 59.2 51.4 77.2

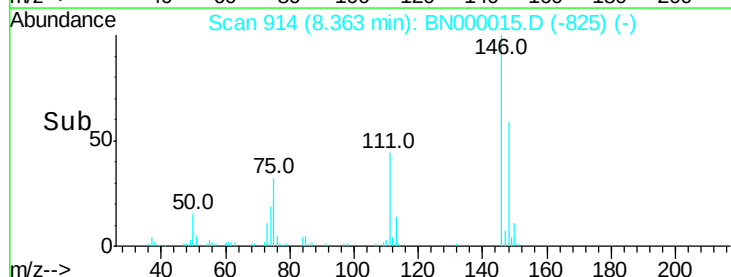
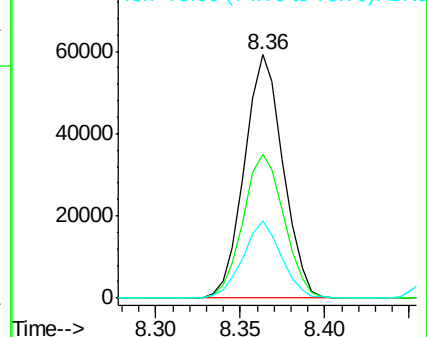
75 31.8 26.6 39.8

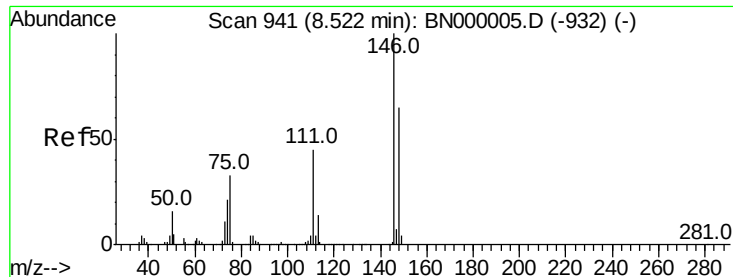


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BN0

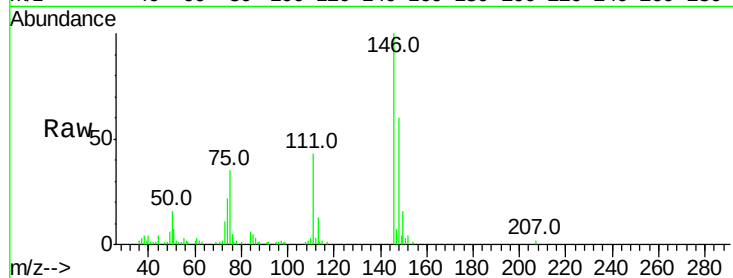




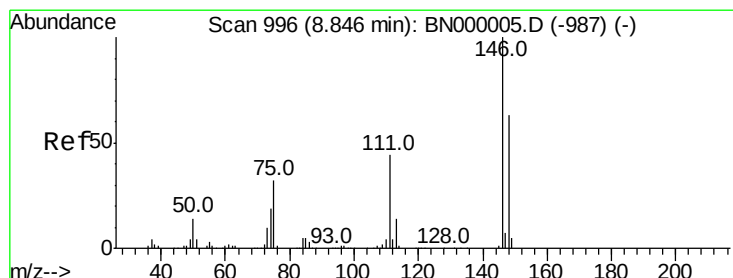
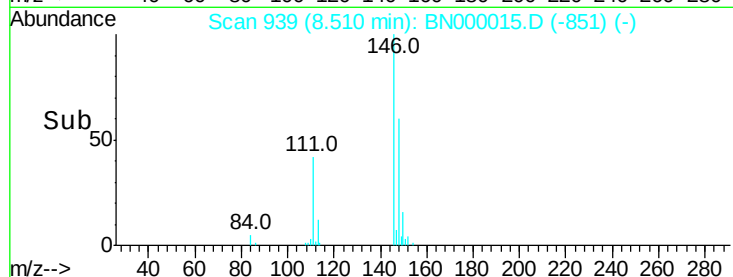
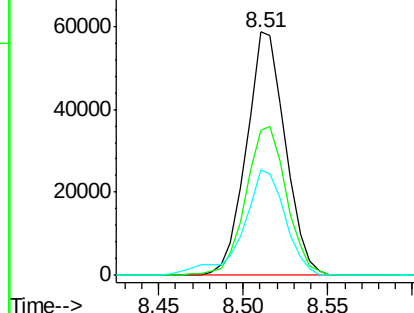
#13
 1,4-Dichlorobenzene
 Concen: 3.671 ng
 RT: 8.51 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BN000015.D
 Acq: 05 Feb 2018 12:59

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	59.7	53.7	80.5
111	43.1	35.2	52.8

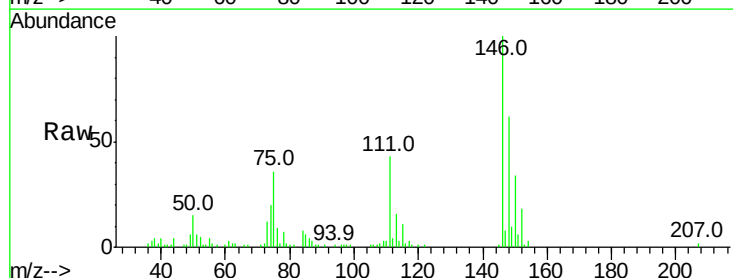


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

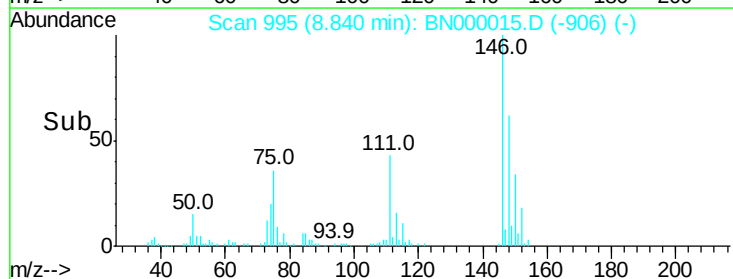
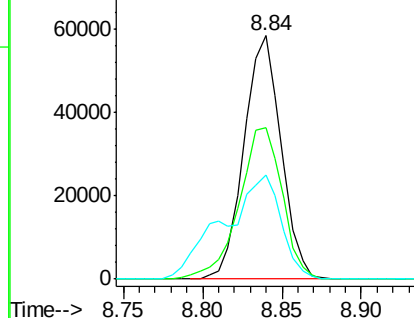


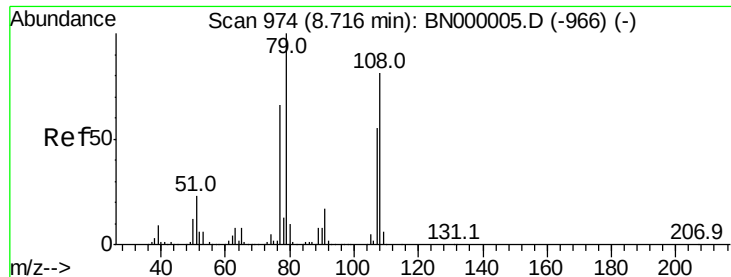
#14
 1,2-Dichlorobenzene
 Concen: 3.749 ng
 RT: 8.84 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BN000015.D
 Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	49.3	73.9
111	42.5	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: 2.658 ng

RT: 8.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampled :

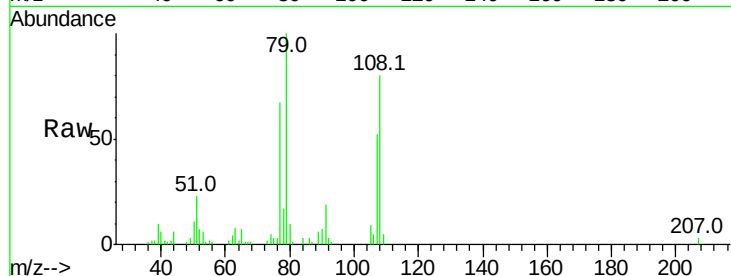
Tot Ion: 79 Resp: 60097

Ion Ratio Lower Upper

79 100

108 80.0 57.2 85.8

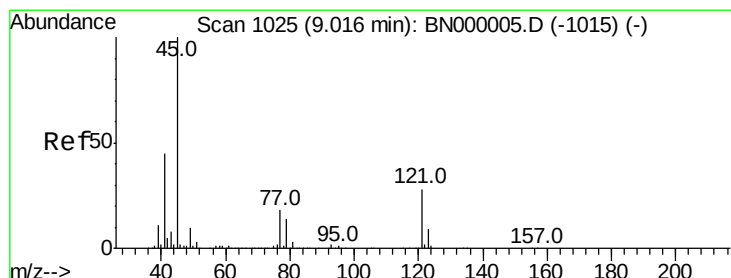
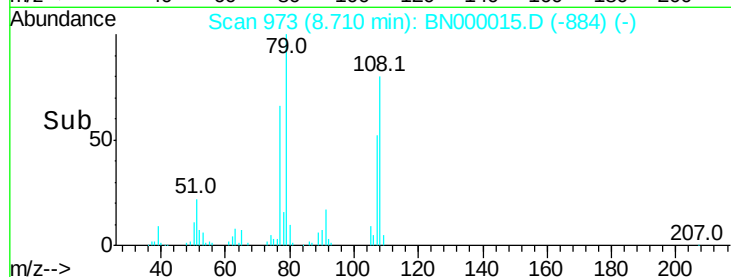
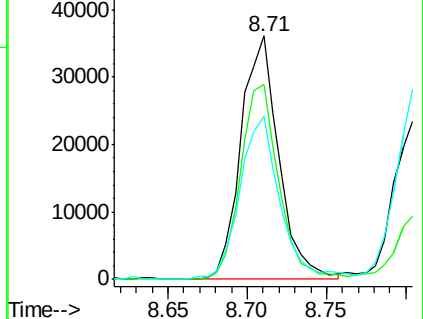
77 67.1 46.1 69.1



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: 3.594 ng

RT: 9.00 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

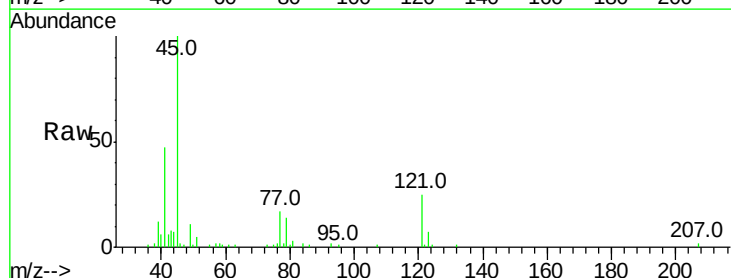
Tgt Ion: 45 Resp: 97598

Ion Ratio Lower Upper

45 100

77 17.1 0.0 30.2

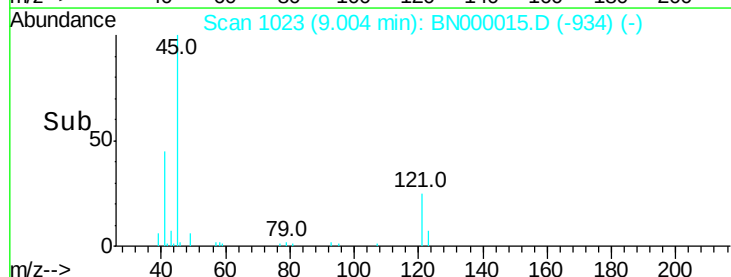
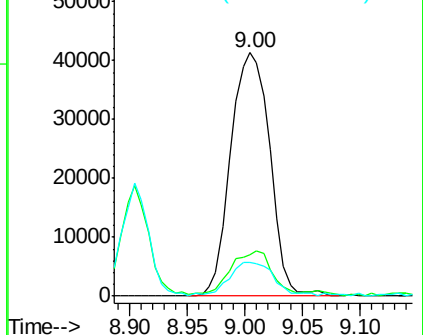
79 14.0 0.0 27.9

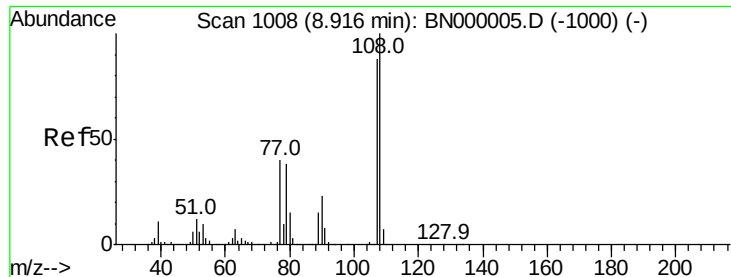


Abundance Ion 45.00 (44.70 to 45.70): BN0

Ion 77.00 (76.70 to 77.70): BN0

Ion 79.00 (78.70 to 79.70): BN0





#17

2-Methylphenol

Concen: 2.895 ng

RT: 8.90 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampled :

Tot Ion:107 Resp: 65712

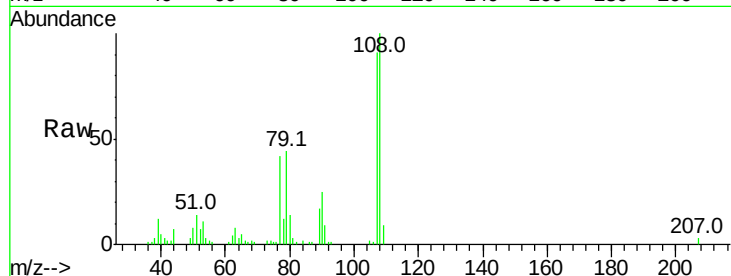
Ion Ratio Lower Upper

107 100

108 109.6 83.9 125.9

77 46.3 37.2 55.8

79 47.7 36.2 54.2

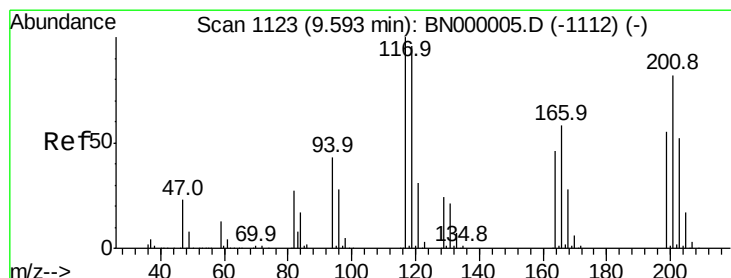
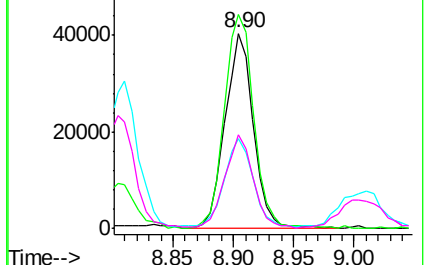
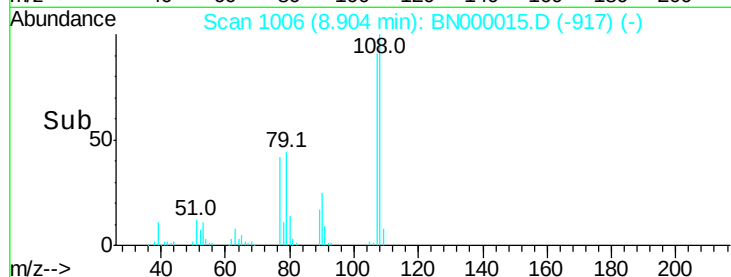


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18

Hexachloroethane

Concen: 3.409 ng

RT: 9.59 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

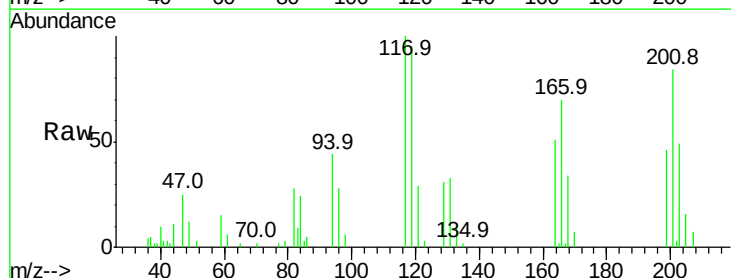
Tgt Ion:117 Resp: 29895

Ion Ratio Lower Upper

117 100

119 95.4 76.7 115.1

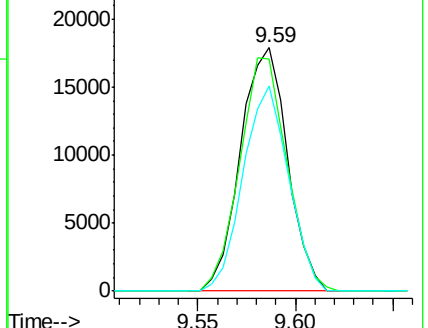
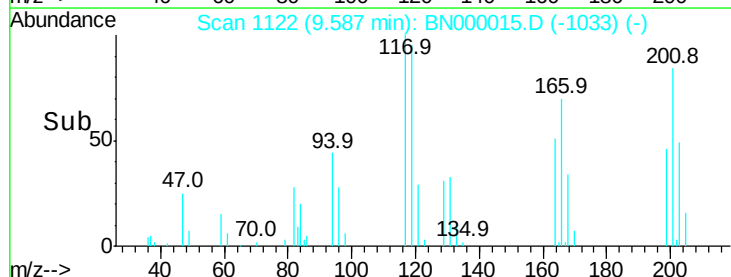
201 84.1 95.7 143.5#

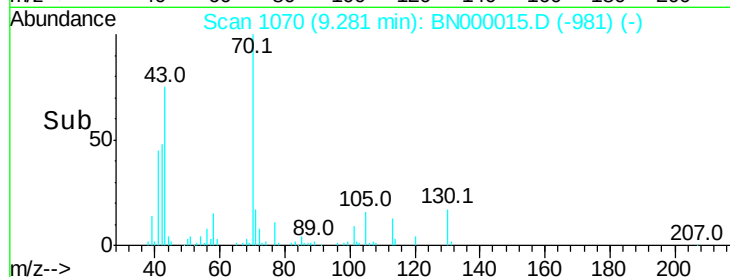
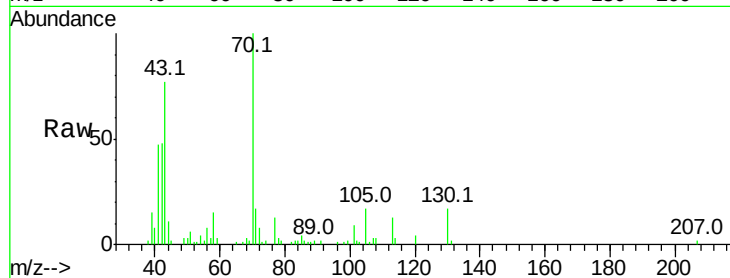
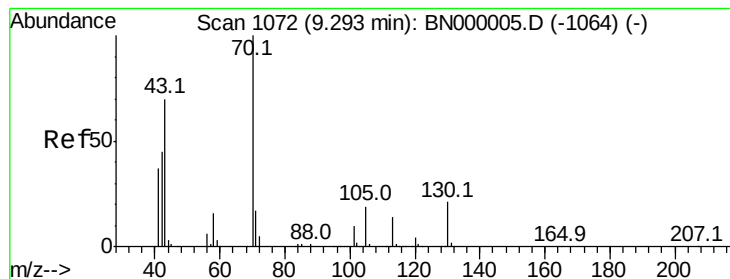


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 2.856 ng

RT: 9.28 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 59256

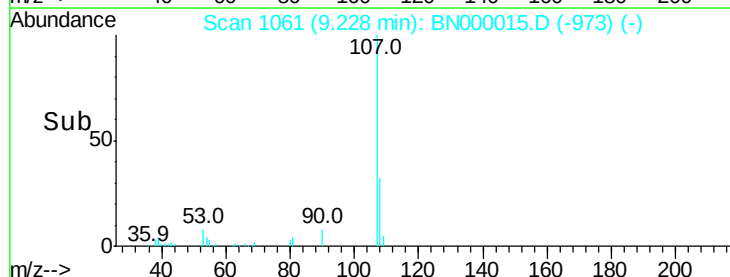
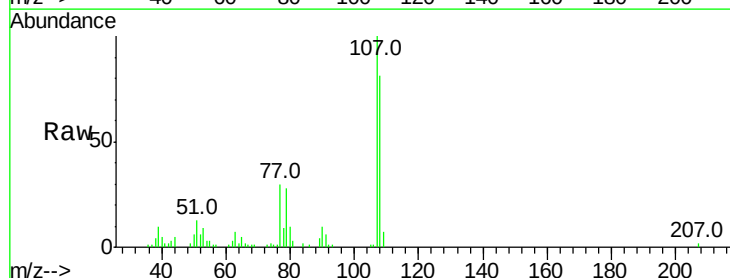
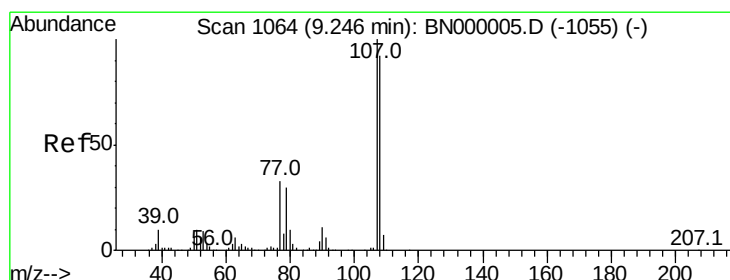
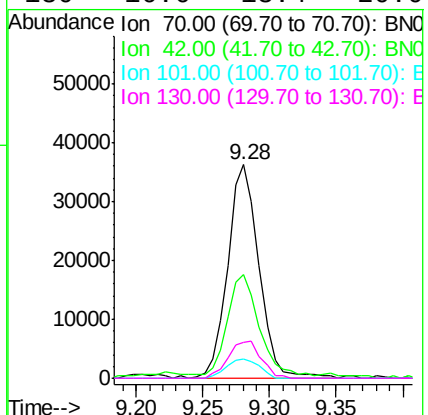
Ion Ratio Lower Upper

70 100

42 48.3 49.1 73.7#

101 9.0 8.5 12.7

130 16.6 13.4 20.0



#20

3+4-Methylphenols

Concen: 2.793 ng

RT: 9.23 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Tgt Ion: 107 Resp: 88796

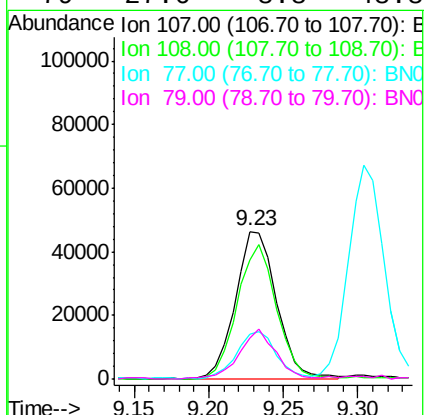
Ion Ratio Lower Upper

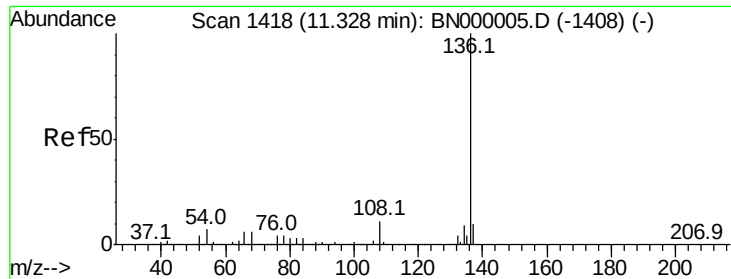
107 100

108 81.0 61.6 101.6

77 30.3 13.9 53.9

79 27.6 8.8 48.8

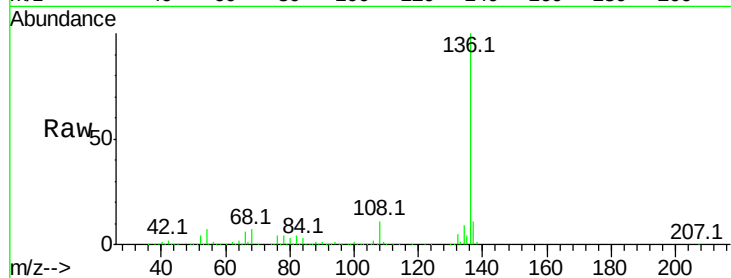




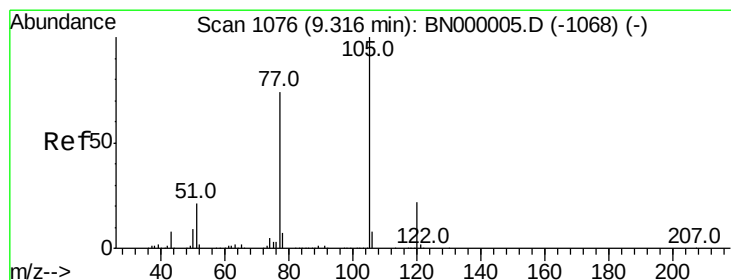
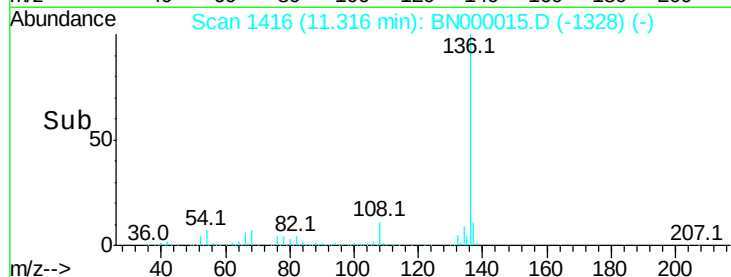
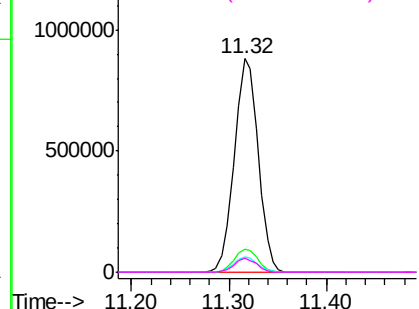
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.32 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136 Resp: 1489891
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 7.2 10.3 15.5#
68 6.6 4.5 6.7

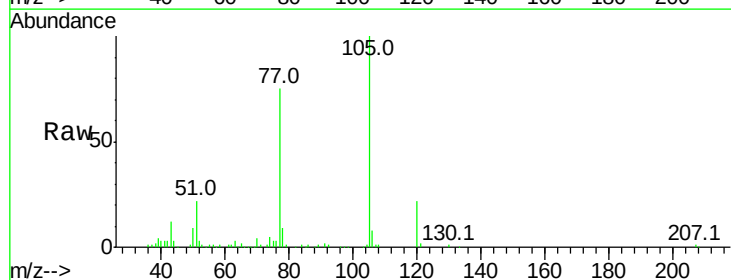


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

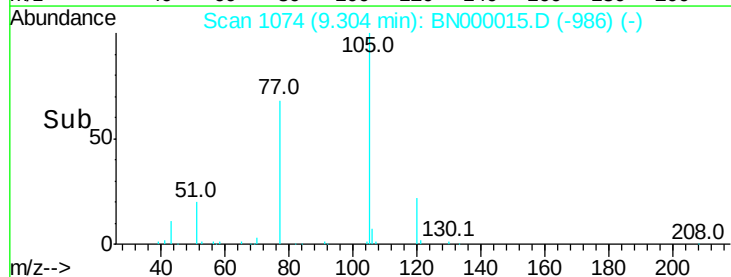
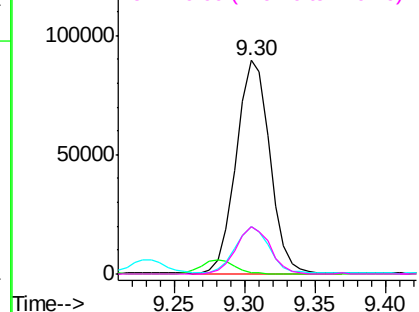


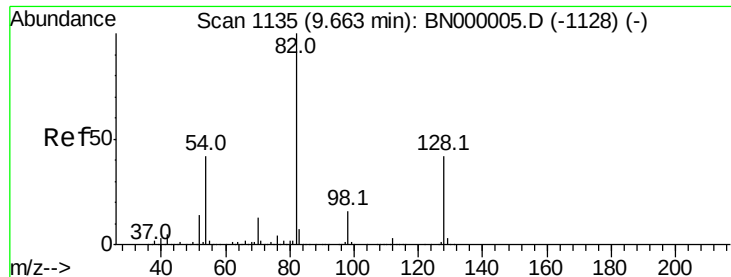
#22
Acetophenone
Concen: 3.416 ng
RT: 9.30 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion:105 Resp: 150331
Ion Ratio Lower Upper
105 100
71 0.8 3.0 4.4#
51 22.3 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

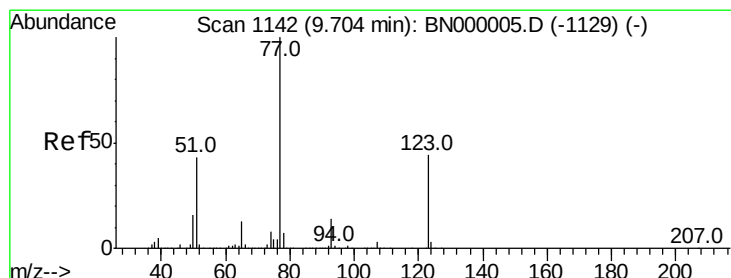
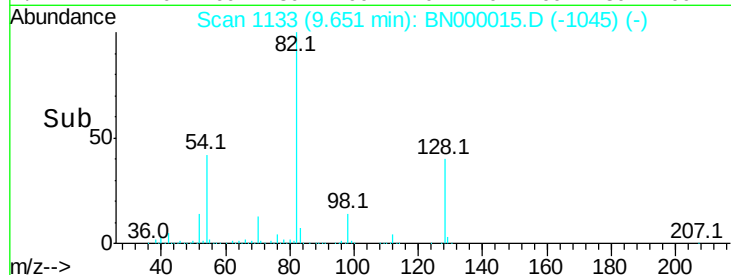
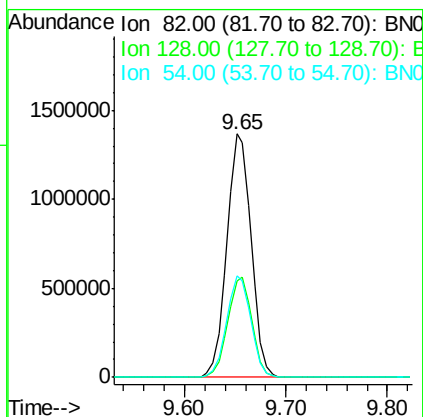
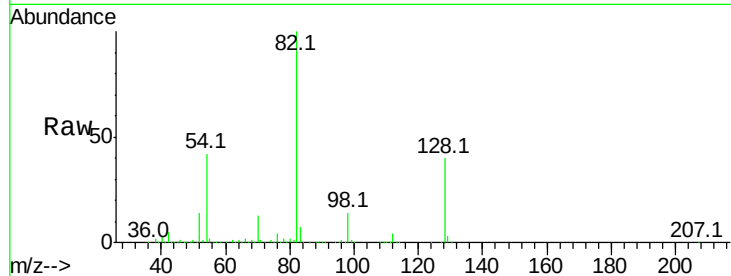




#23
Nitrobenzene-d5
Concen: 91.844 ng
RT: 9.65 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

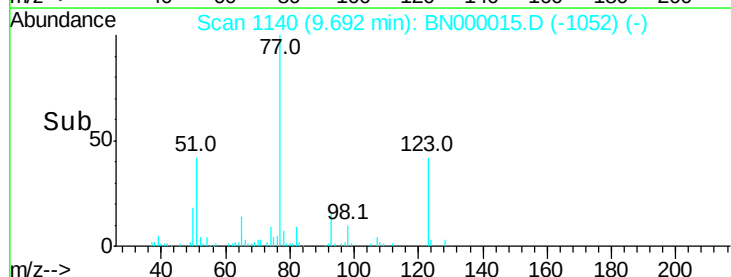
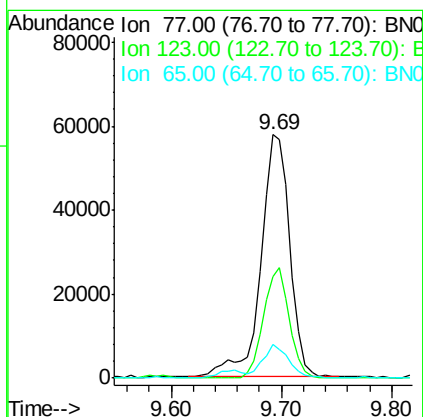
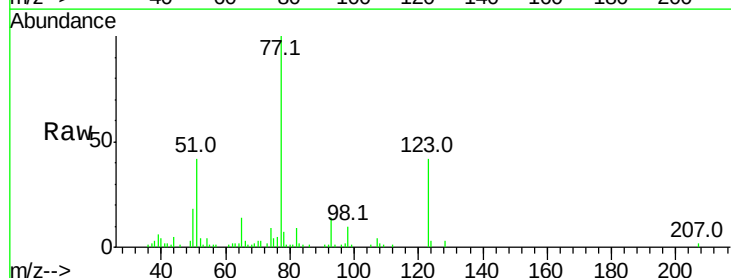
Instrument :
BNA_N
ClientSampleId :

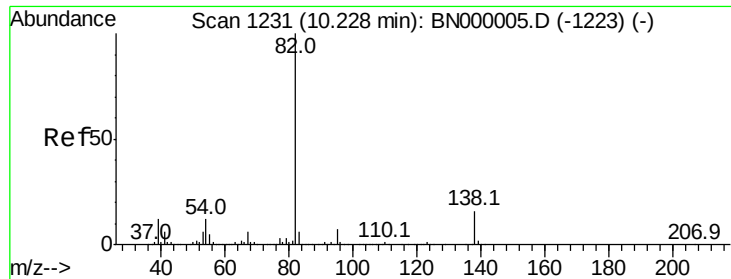
Tot Ion: 82 Resp: 2262933
Ion Ratio Lower Upper
82 100
128 39.8 29.7 44.5
54 41.7 43.1 64.7#



#24
Nitrobenzene
Concen: 3.995 ng
RT: 9.69 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion: 77 Resp: 105564
Ion Ratio Lower Upper
77 100
123 41.7 33.0 49.6
65 14.0 13.0 19.6





#25

Isophorone

Concen: 2.787 ng

RT: 10.22 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampleId :

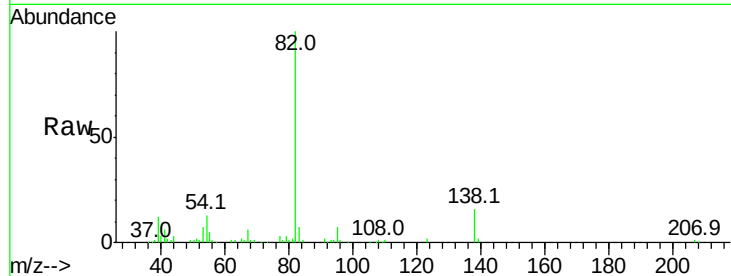
Tot Ion: 82 Resp: 162630

Ion Ratio Lower Upper

82 100

95 6.7 6.2 9.2

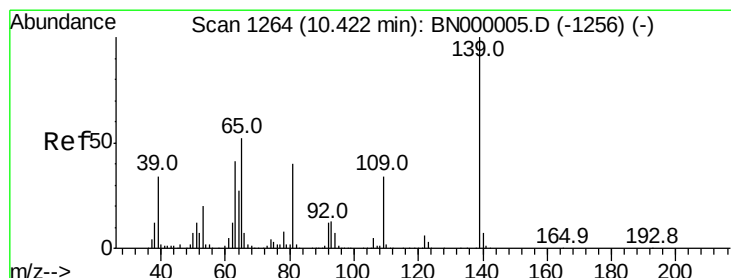
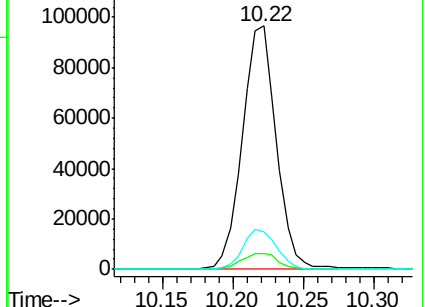
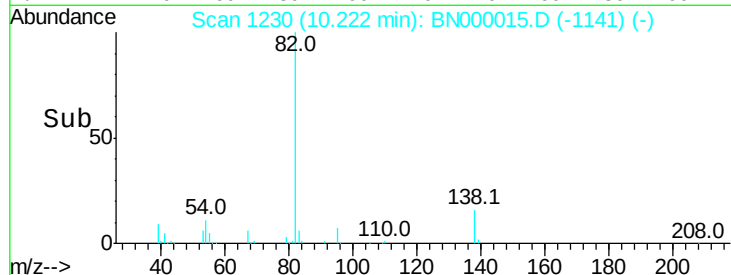
138 15.7 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BN000005.D (-1223) (-)

Ion 95.00 (94.70 to 95.70): BN000005.D (-1223) (-)

Ion 138.00 (137.70 to 138.70): BN000005.D (-1223) (-)



#26

2-Nitrophenol

Concen: 2.083 ng

RT: 10.41 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

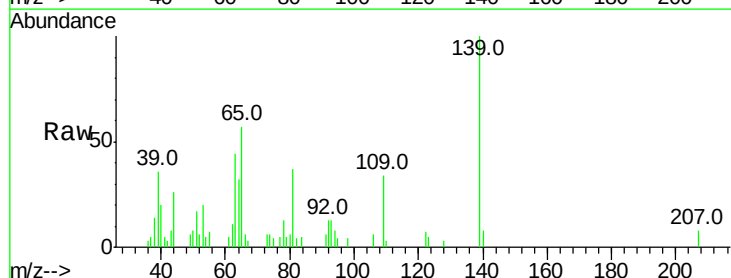
Tgt Ion: 139 Resp: 19247

Ion Ratio Lower Upper

139 100

109 33.6 24.2 36.2

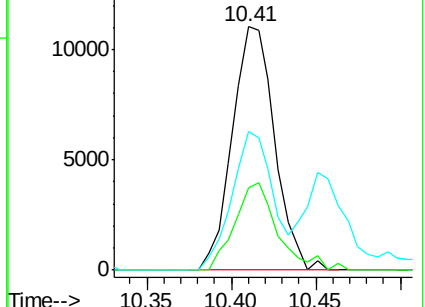
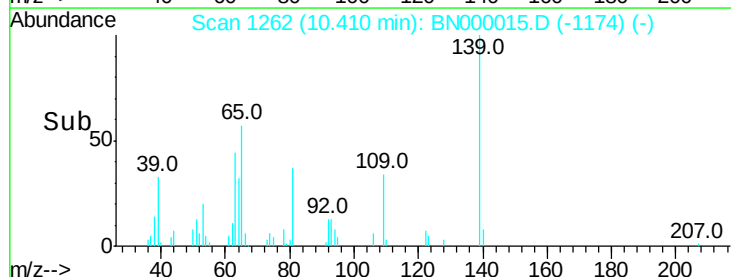
65 56.8 47.4 71.0

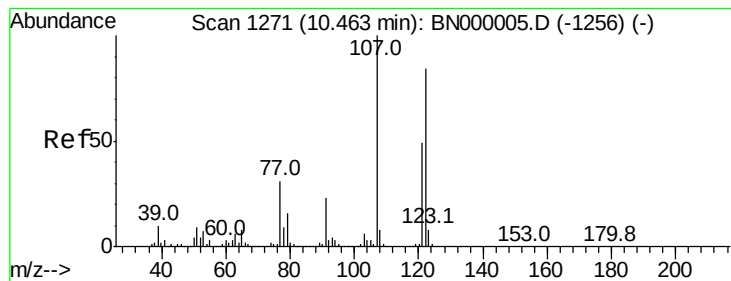


Abundance Ion 139.00 (138.70 to 139.70): BN000005.D (-1256) (-)

Ion 109.00 (108.70 to 109.70): BN000005.D (-1256) (-)

Ion 65.00 (64.70 to 65.70): BN000005.D (-1256) (-)





#27

2,4-Dimethylphenol

Concen: 3.347 ng

RT: 10.46 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampled :

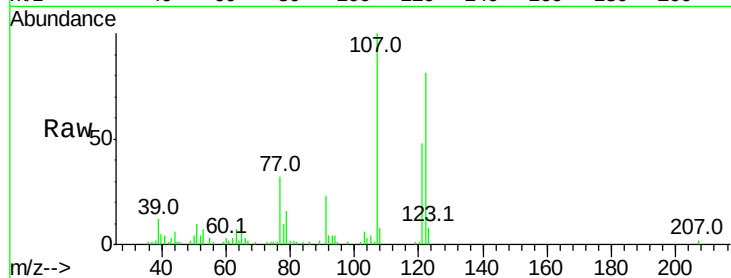
Tot Ion:122 Resp: 80088

Ion Ratio Lower Upper

122 100

107 123.2 100.2 150.2

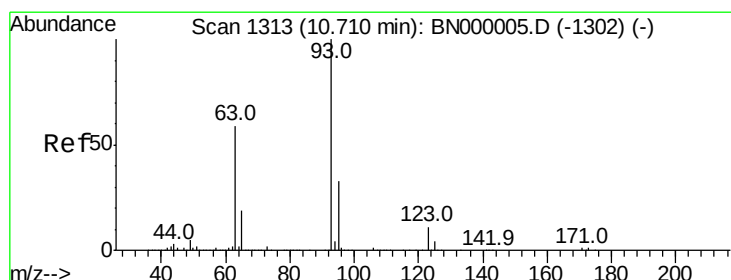
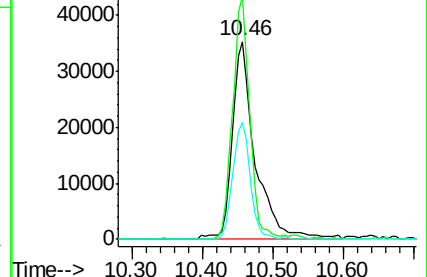
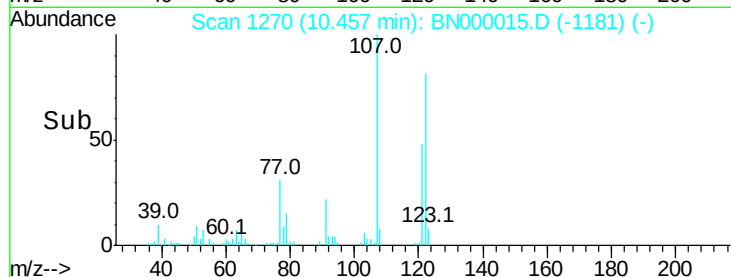
121 59.1 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 3.387 ng

RT: 10.70 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

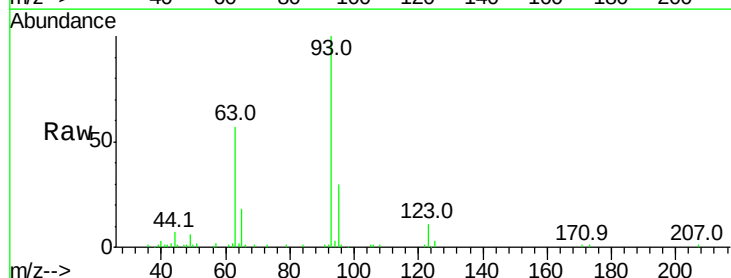
Tgt Ion: 93 Resp: 114036

Ion Ratio Lower Upper

93 100

95 29.8 24.3 36.5

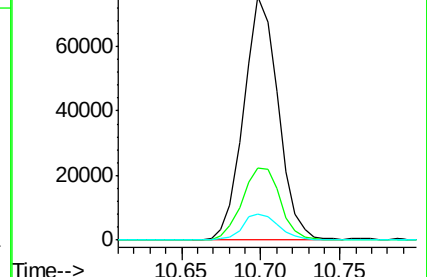
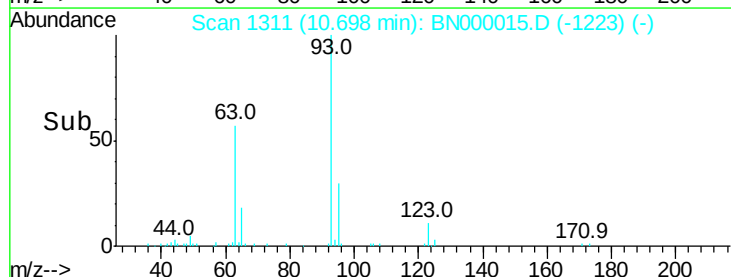
123 10.8 8.4 12.6

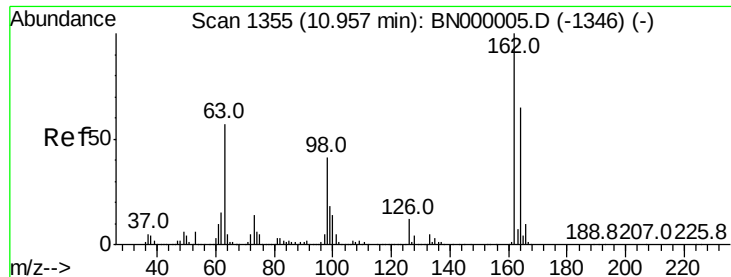


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

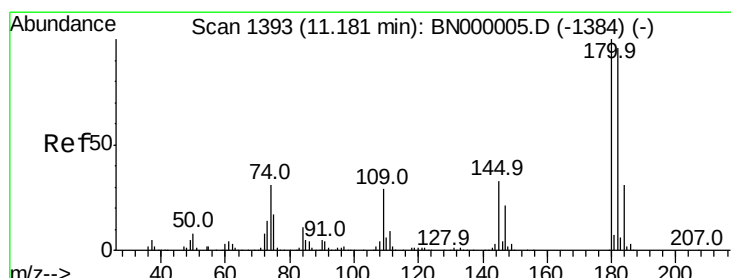
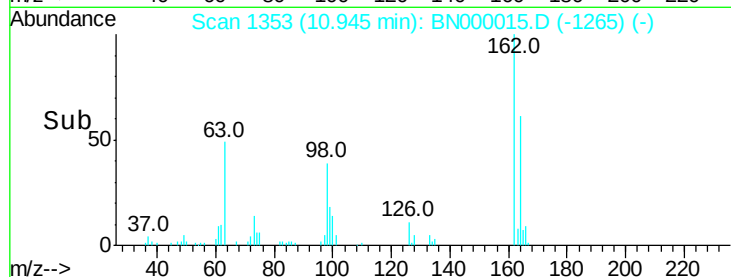
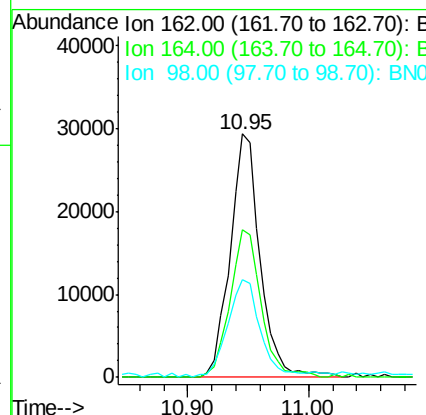
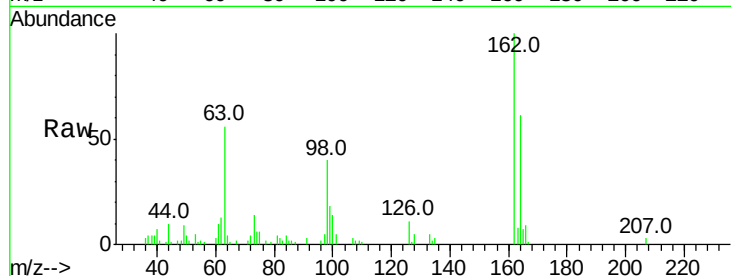




#29
 2,4-Dichlorophenol
 Concen: 2.474 ng
 RT: 10.95 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BN000015.D
 Acq: 05 Feb 2018 12:59

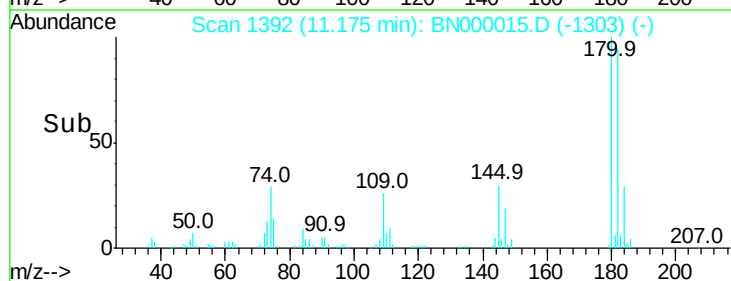
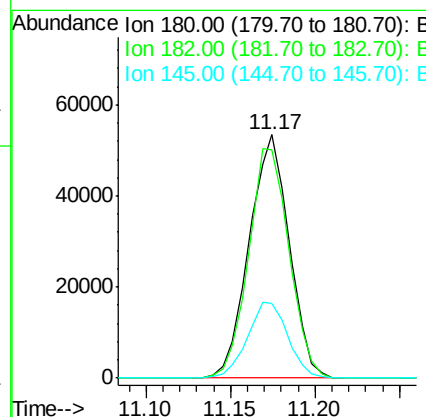
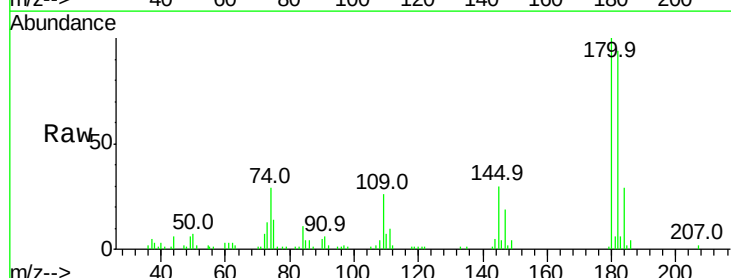
Instrument :
 BNA_N
 ClientSampleId :

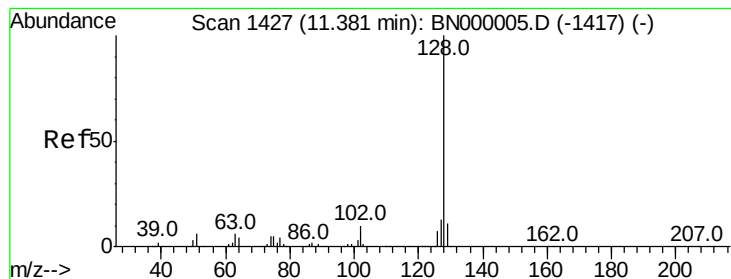
Tot Ion	Ratio	Lower	Upper
162	100		
164	60.8	48.0	88.0
98	40.2	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 3.669 ng
 RT: 11.17 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BN000015.D
 Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.5	116.3
145	30.4	23.4	35.2





#31

Naphthalene

Concen: 3.690 ng

RT: 11.37 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampled :

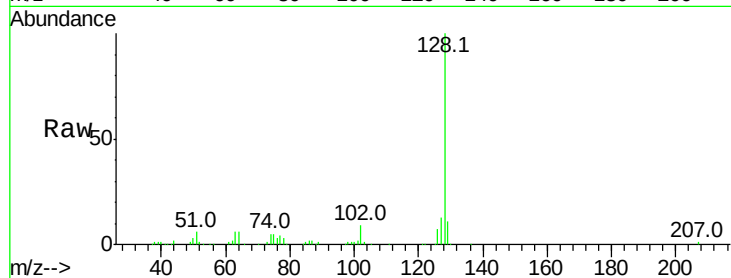
Tot Ion:128 Resp: 308363

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

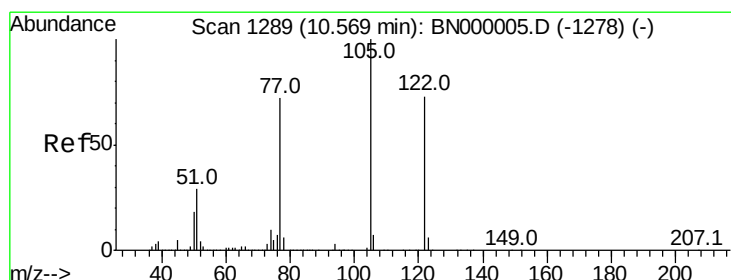
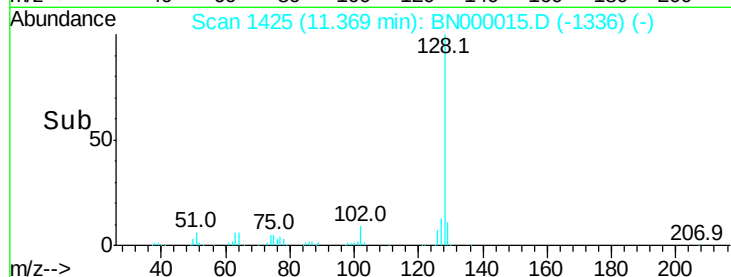
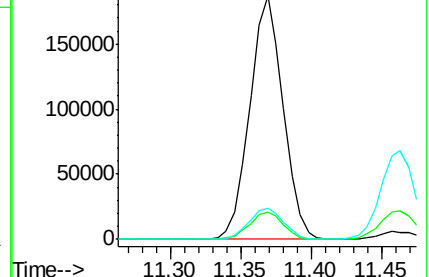
127 12.9 11.6 17.4



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: 12.333 ng

RT: 10.46 min Scan# 1270

Delta R.T. -0.08 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

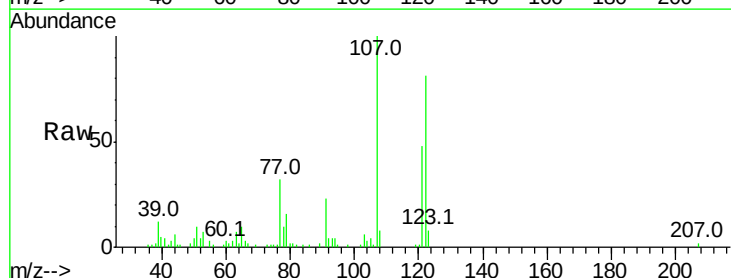
Tgt Ion:122 Resp: 80088

Ion Ratio Lower Upper

122 100

105 4.7 123.5 163.5#

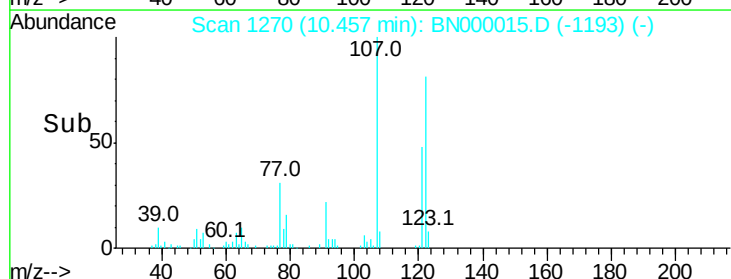
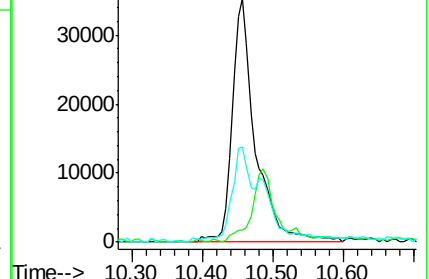
77 39.1 85.7 125.7#

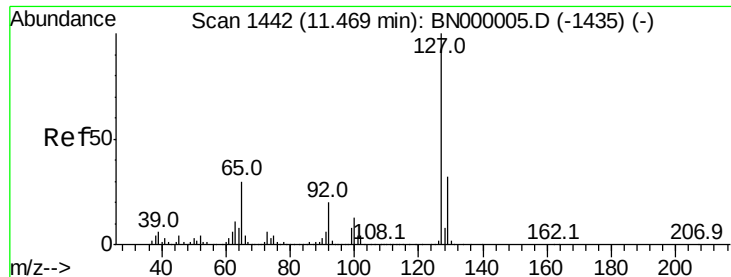


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

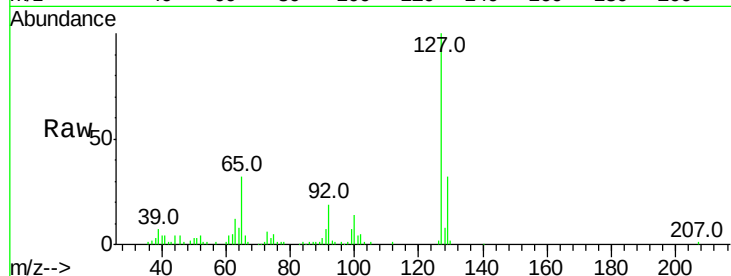




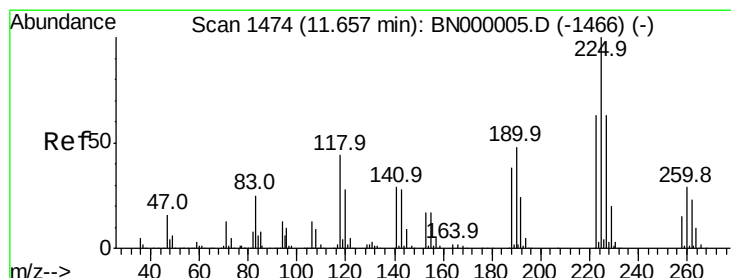
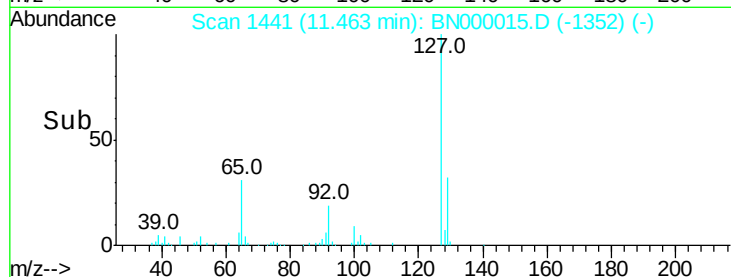
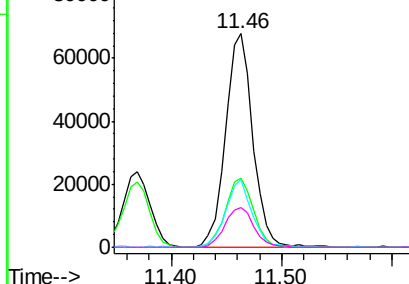
#33
4-Chloroaniline
Concen: 3.030 ng
RT: 11.46 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	127	Resp:	117380
Ion	Ratio	Lower	Upper
127	100		
129	32.2	24.0	36.0
65	31.6	27.0	40.4
92	18.6	16.6	25.0

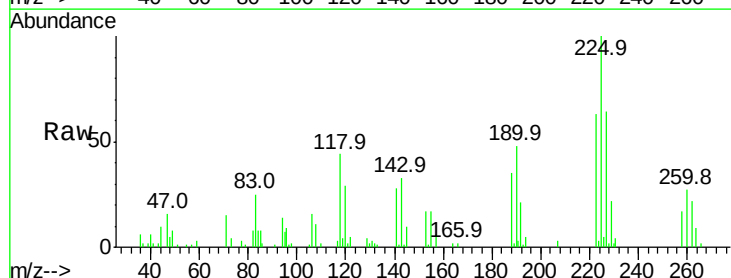


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

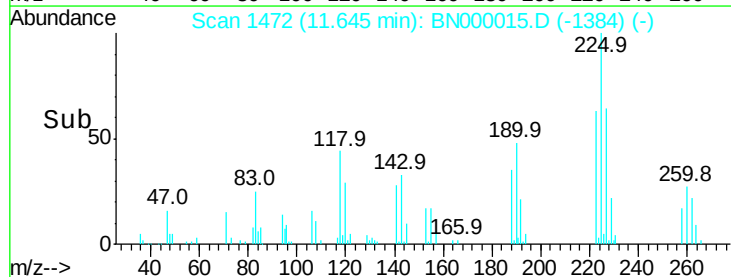
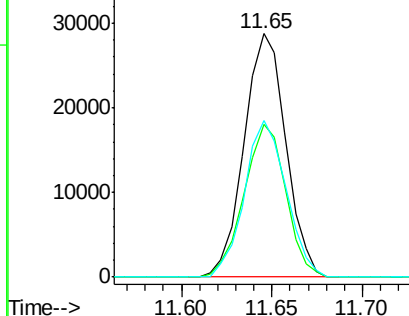


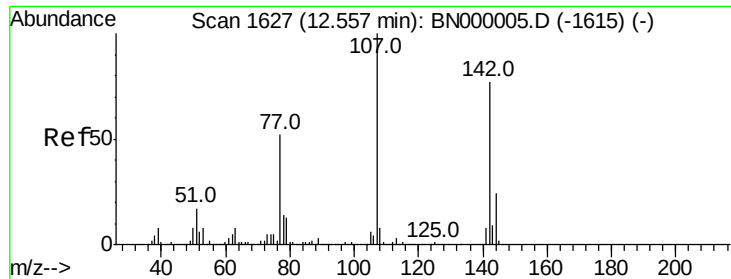
#34
Hexachlorobutadiene
Concen: 3.766 ng
RT: 11.65 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion:	225	Resp:	46136
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.7	74.5
227	64.2	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

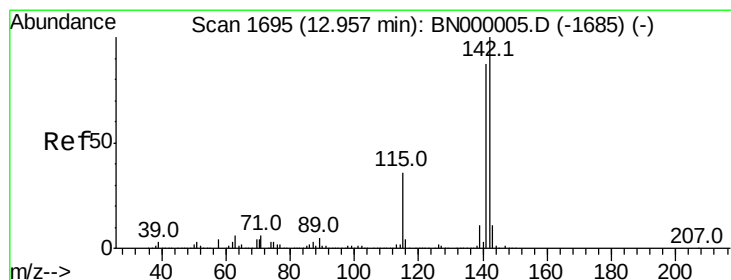
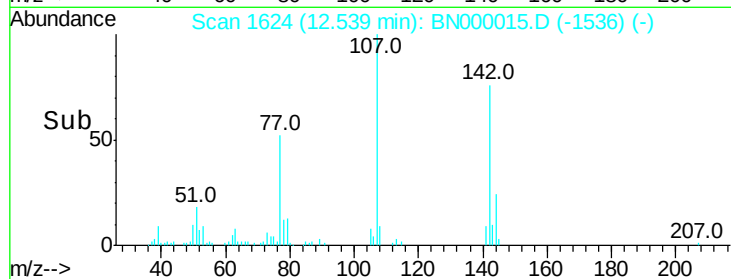
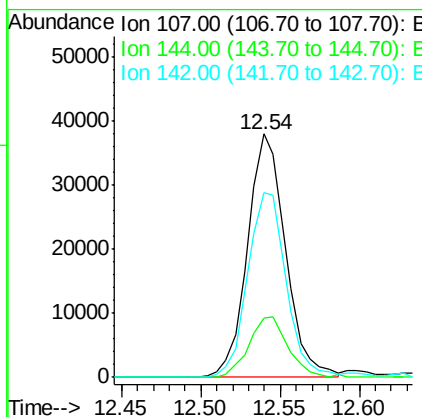
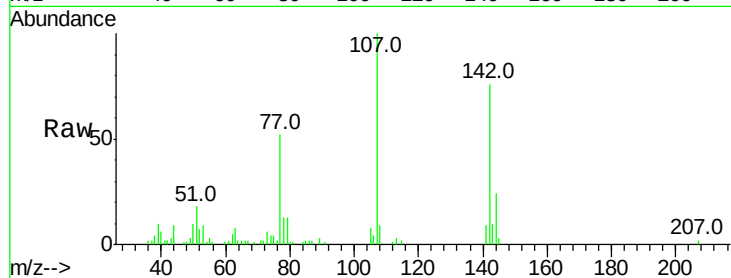




#36
 4-Chloro-3-methylphenol
 Concen: 2.270 ng
 RT: 12.54 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BN000015.D
 Acq: 05 Feb 2018 12:59

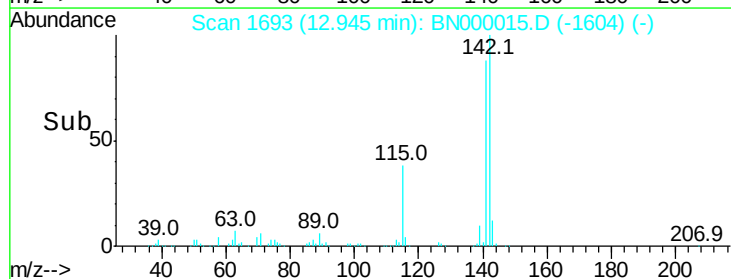
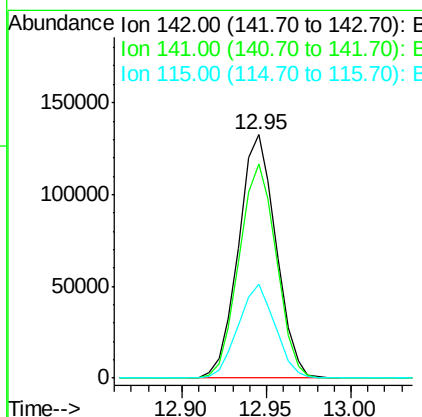
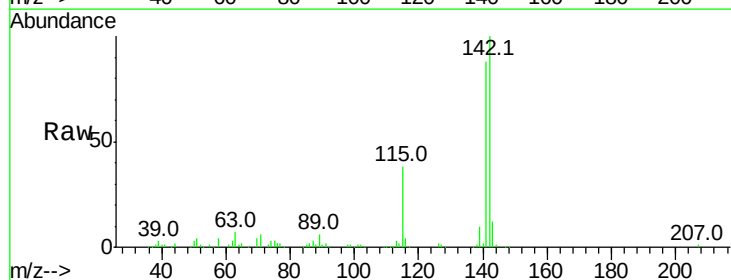
Instrument :
 BNA_N
 ClientSampleId :

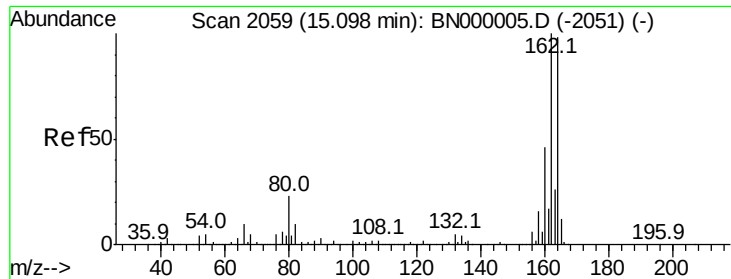
Tot Ion:107 Resp: 63364
 Ion Ratio Lower Upper
 107 100
 144 24.3 18.2 27.4
 142 75.7 59.0 88.4



#37
 2-Methylnaphthalene
 Concen: 3.469 ng
 RT: 12.95 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BN000015.D
 Acq: 05 Feb 2018 12:59

Tgt Ion:142 Resp: 204809
 Ion Ratio Lower Upper
 142 100
 141 87.8 67.1 100.7
 115 38.4 30.7 46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.09 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampleId :

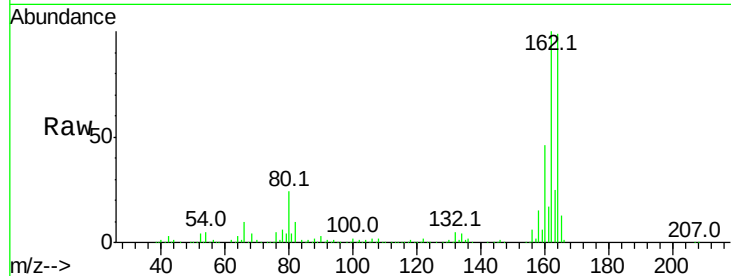
Tot Ion:164 Resp: 902325

Ion Ratio Lower Upper

164 100

162 101.2 78.8 118.2

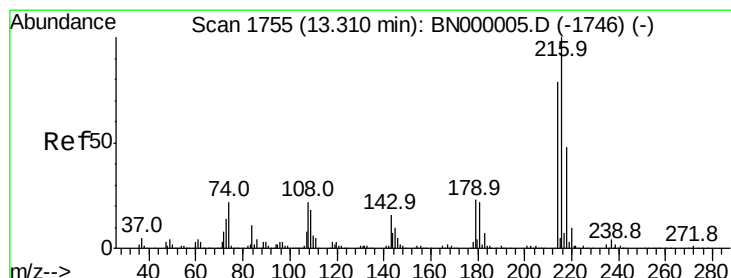
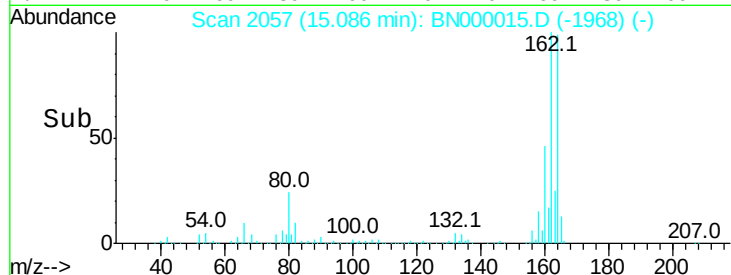
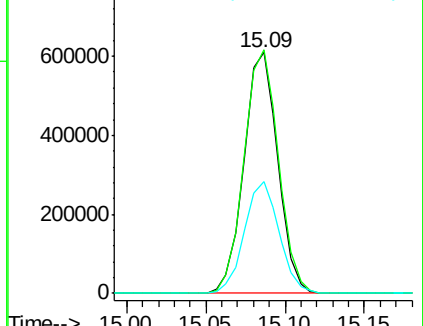
160 46.4 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.799 ng

RT: 13.30 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Tgt Ion:216 Resp: 99857

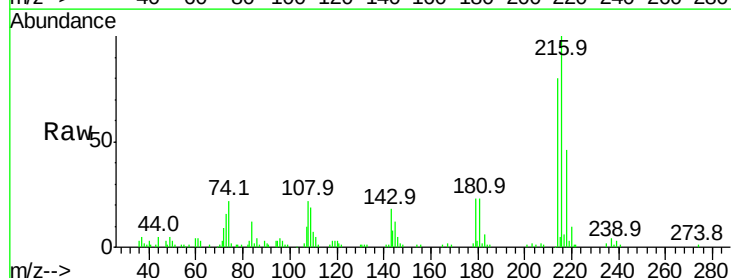
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 23.0 17.0 25.6

108 24.3 12.8 19.2#

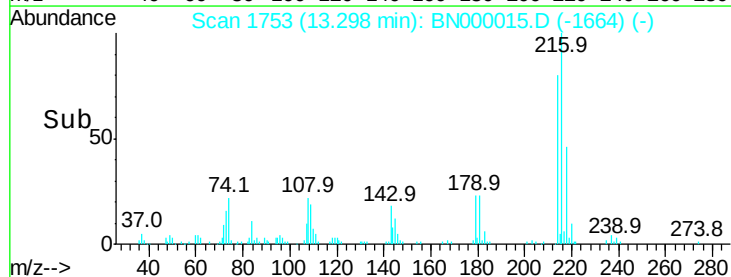
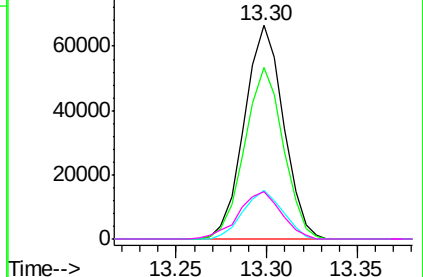


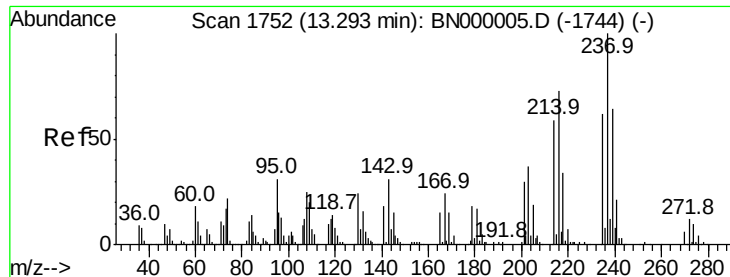
Abundance Ion 216.00 (215.70 to 216.70): E

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

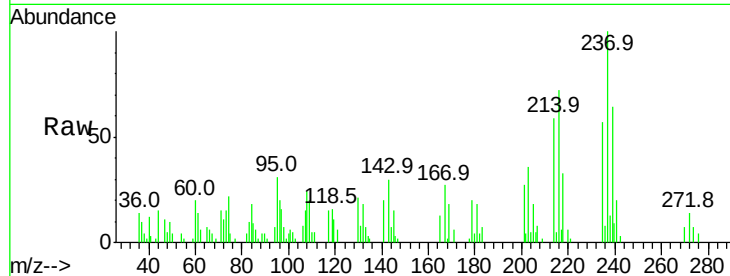




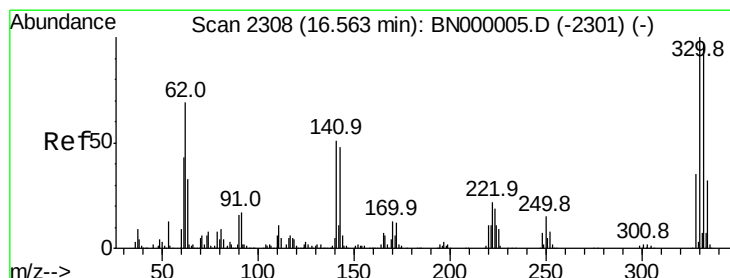
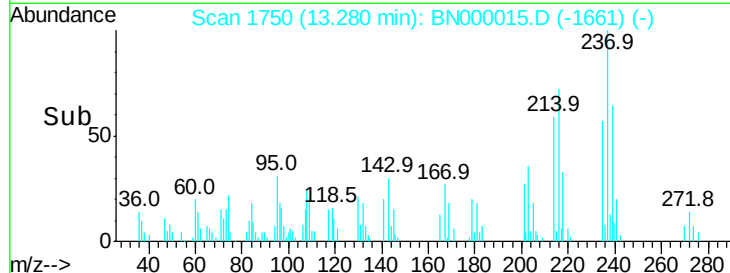
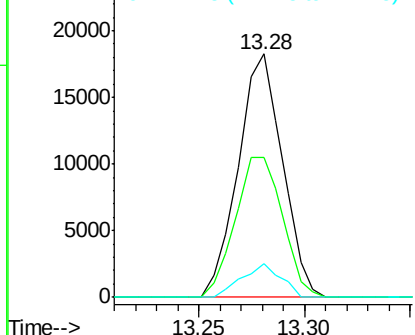
#40
Hexachlorocyclopentadiene
Concen: 3.034 ng
RT: 13.28 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Instrument :
BNA_N
ClientSampled :

Tot Ion:237 Resp: 26630
Ion Ratio Lower Upper
237 100
235 57.3 50.4 90.4
272 13.9 0.0 31.8

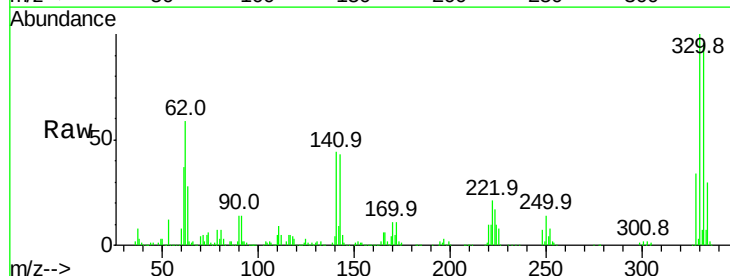


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

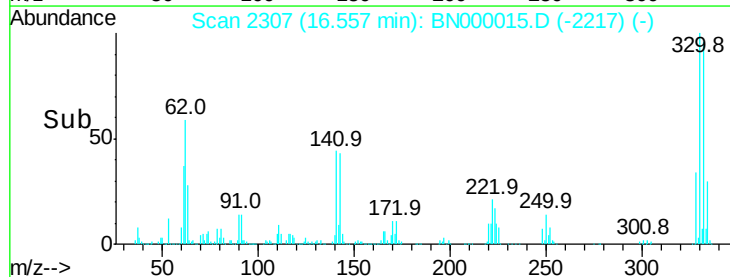
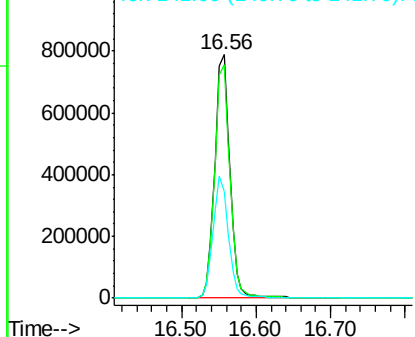


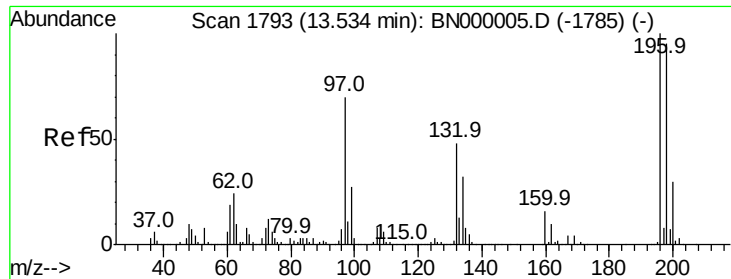
#41
2,4,6-Tribromophenol
Concen: 123.372 ng
RT: 16.56 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion:330 Resp: 1119068
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 50.4 25.2 37.8#



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

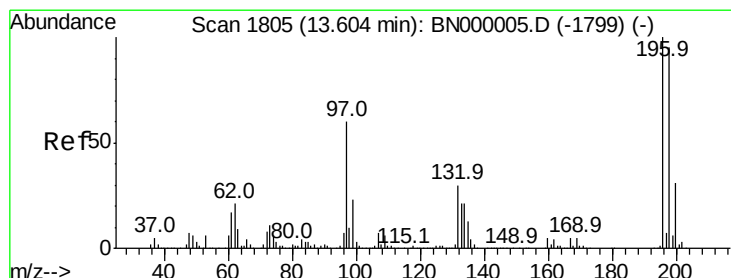
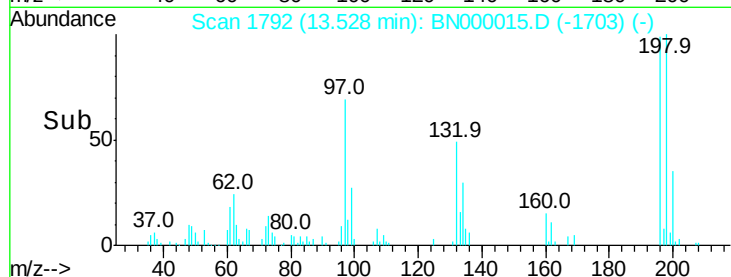
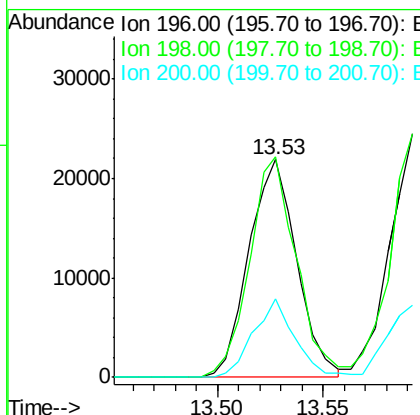
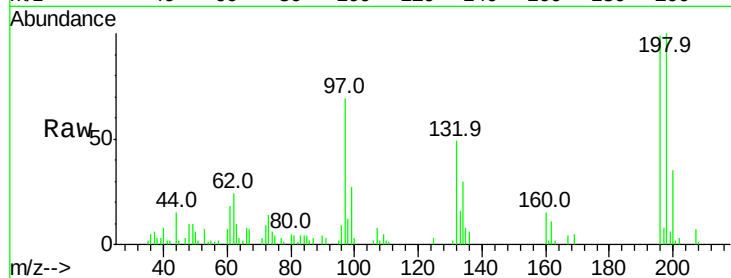




#42
 2,4,6-Trichlorophenol
 Concen: 2.217 ng
 RT: 13.53 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BN000015.D
 Acq: 05 Feb 2018 12:59

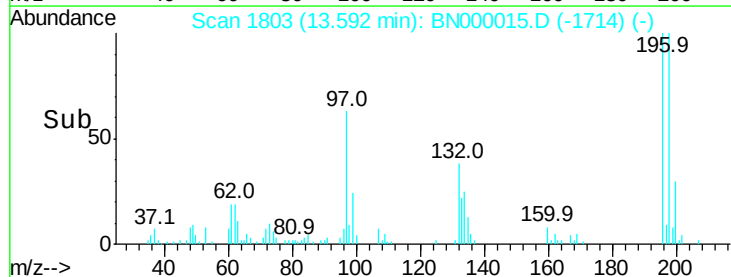
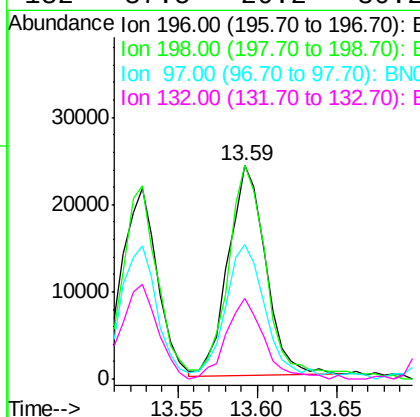
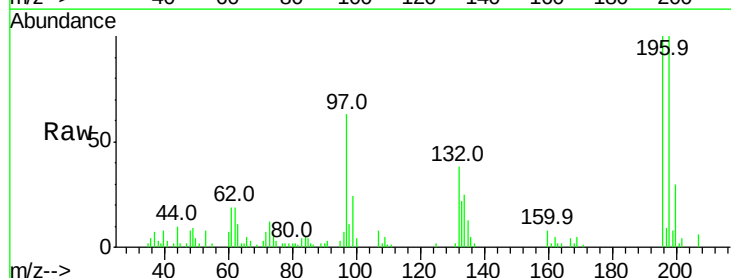
Instrument :
 BNA_N
 ClientSampleId :

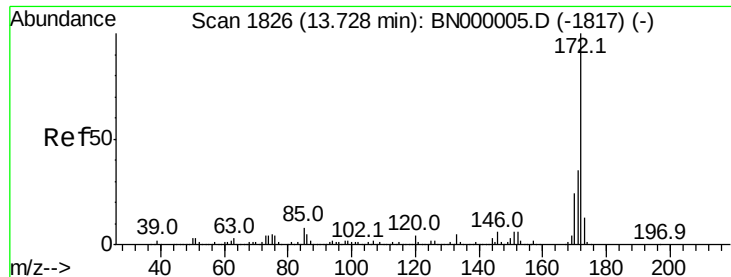
Tot Ion:196 Resp: 34439
 Ion Ratio Lower Upper
 196 100
 198 101.5 78.2 117.2
 200 36.0 24.6 36.8



#43
 2,4,5-Trichlorophenol
 Concen: 2.163 ng
 RT: 13.59 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BN000015.D
 Acq: 05 Feb 2018 12:59

Tgt Ion:196 Resp: 39580
 Ion Ratio Lower Upper
 196 100
 198 100.0 76.2 114.4
 97 63.0 38.7 58.1#
 132 37.5 20.2 30.2#

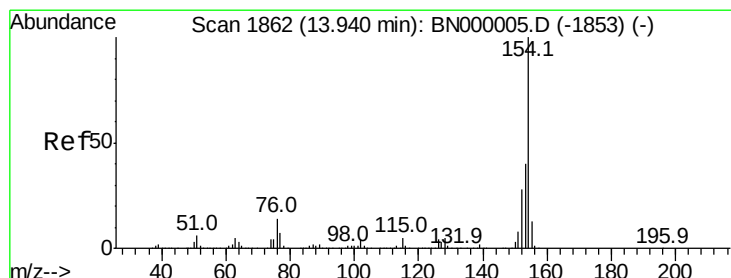
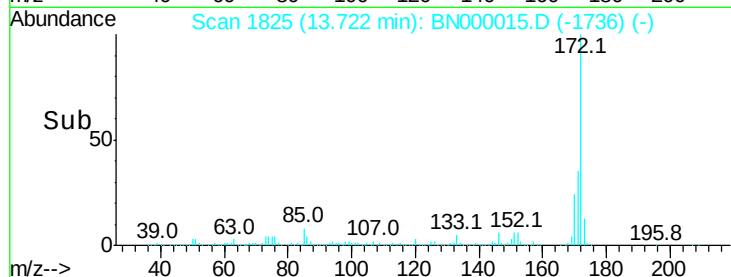
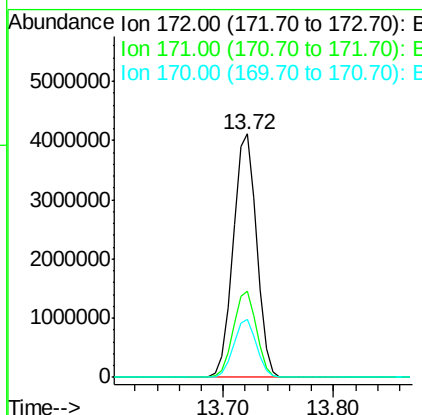
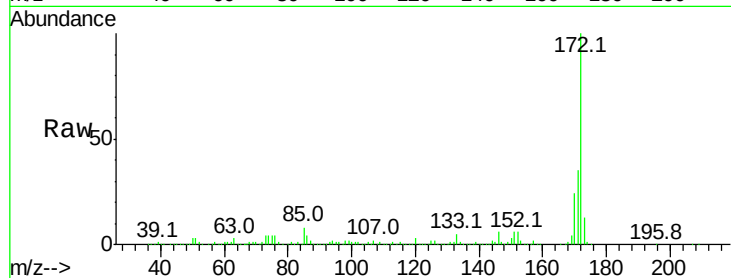




#44
2-Fluorobiphenyl
Concen: 90.947 ng
RT: 13.72 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

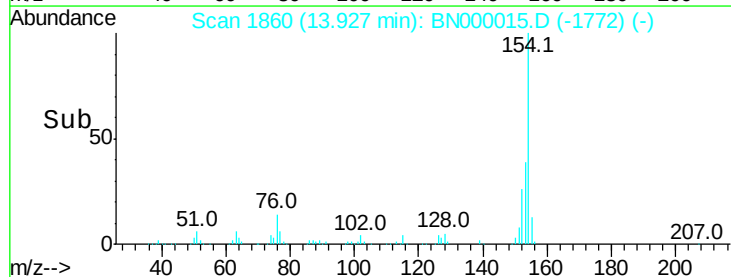
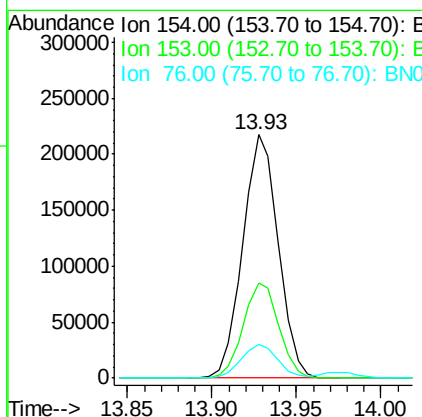
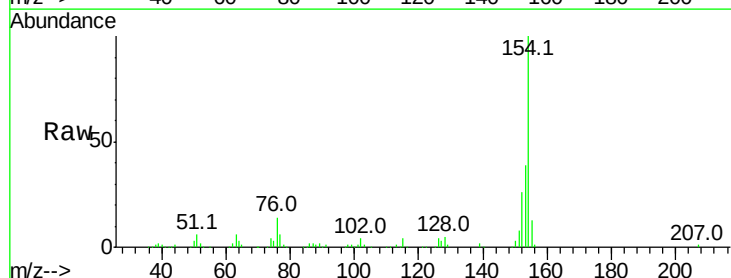
Instrument :
BNA_N
ClientSampled :

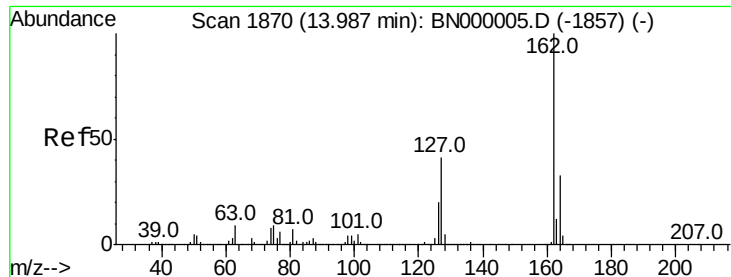
Tot Ion:172 Resp: 6127460
Ion Ratio Lower Upper
172 100
171 35.4 30.0 45.0
170 23.8 19.5 29.3



#45
1,1'-Biphenyl
Concen: 3.948 ng
RT: 13.93 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion:154 Resp: 318262
Ion Ratio Lower Upper
154 100
153 39.0 19.8 59.8
76 14.0 0.0 31.9

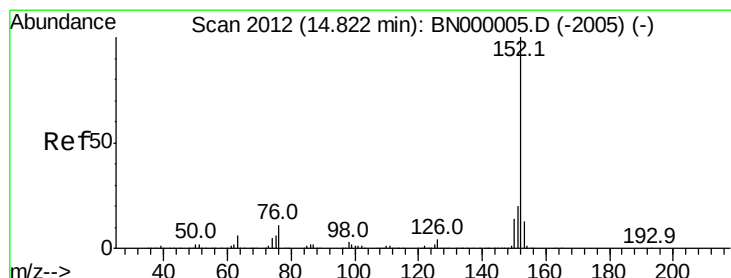
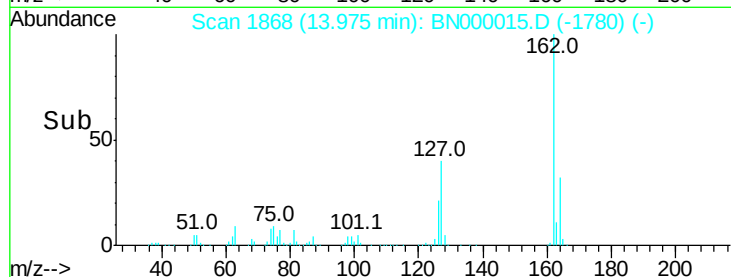
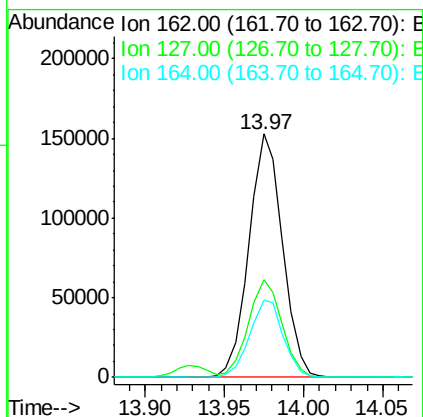
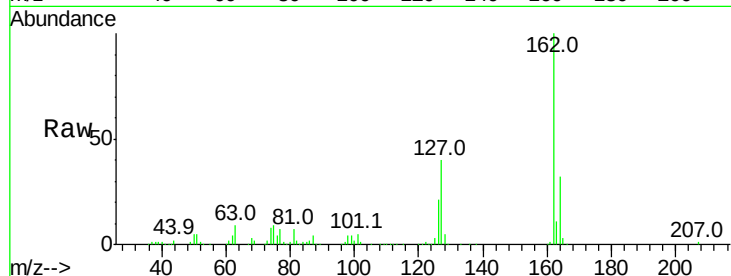




#46
2-Chloronaphthalene
Concen: 3.709 ng
RT: 13.97 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

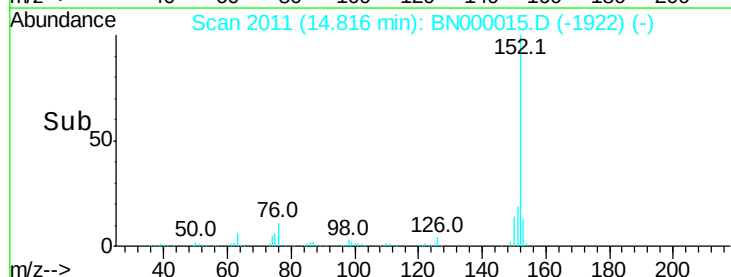
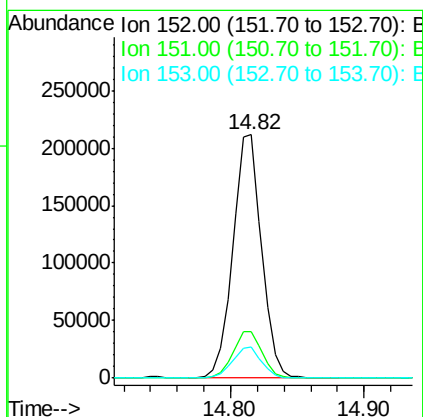
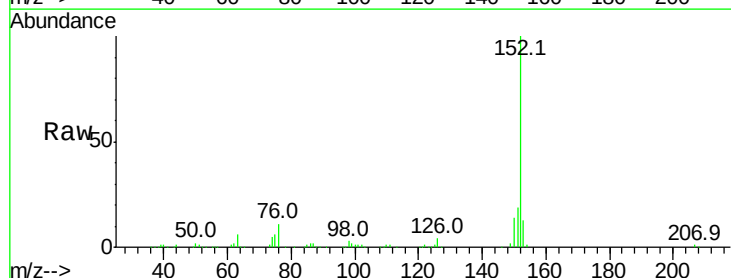
Instrument :
BNA_N
ClientSampleId :

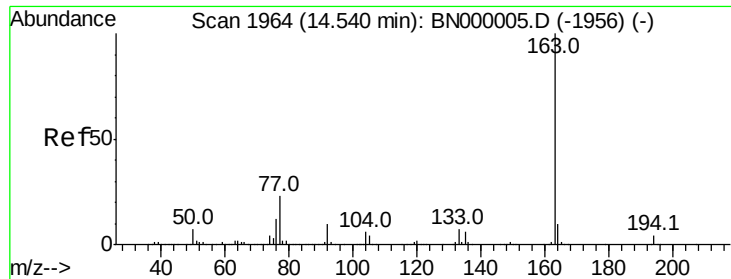
Tot Ion:162 Resp: 224492
Ion Ratio Lower Upper
162 100
127 40.3 30.7 46.1
164 31.6 26.0 39.0



#48
Acenaphthylene
Concen: 3.114 ng
RT: 14.82 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion:152 Resp: 316458
Ion Ratio Lower Upper
152 100
151 19.0 17.2 25.8
153 12.6 10.2 15.4





#49

Dimethylphthalate

Concen: 3.198 ng

RT: 14.52 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampled :

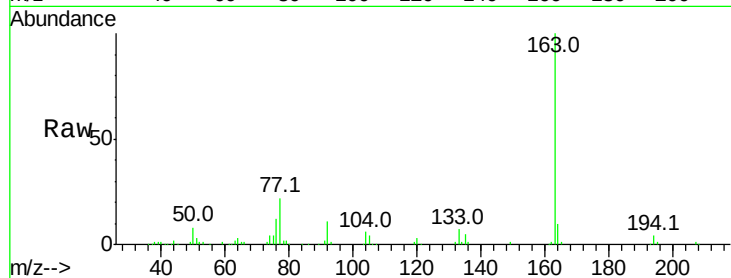
Tot Ion:163 Resp: 257933

Ion Ratio Lower Upper

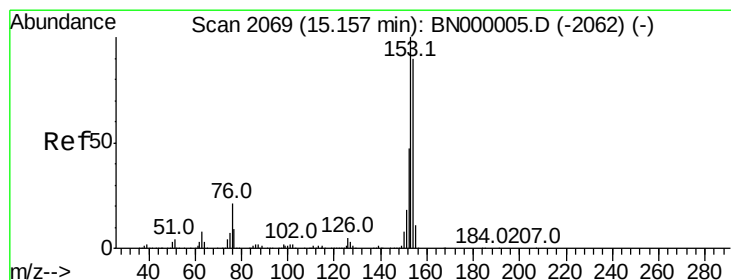
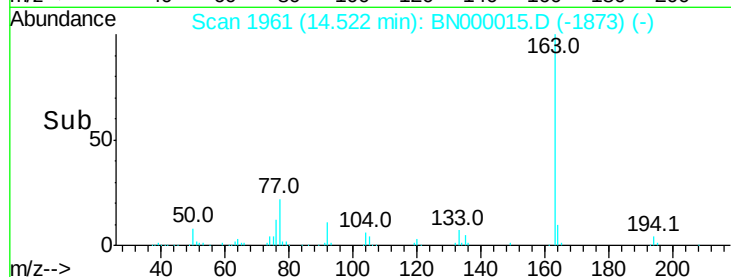
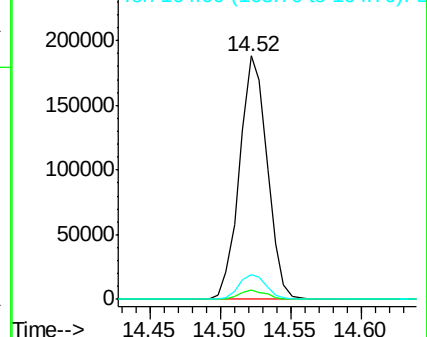
163 100

194 3.6 3.4 5.2

164 10.1 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



#51

Acenaphthene

Concen: 3.586 ng

RT: 15.15 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

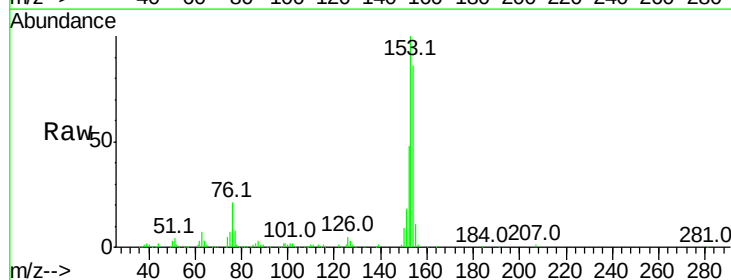
Tgt Ion:154 Resp: 230003

Ion Ratio Lower Upper

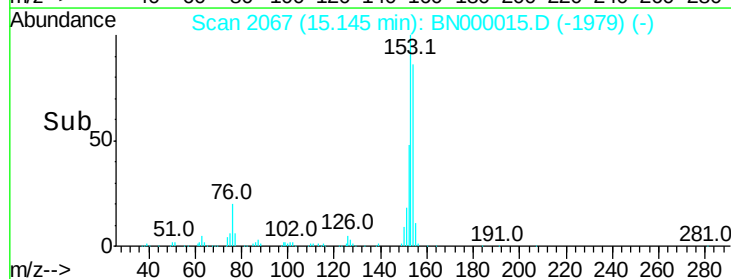
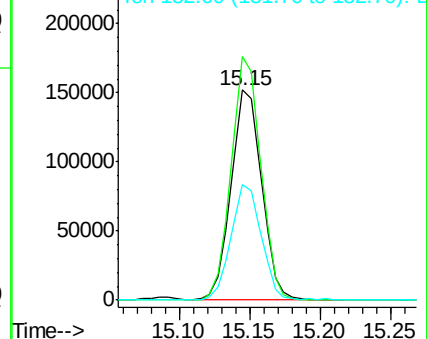
154 100

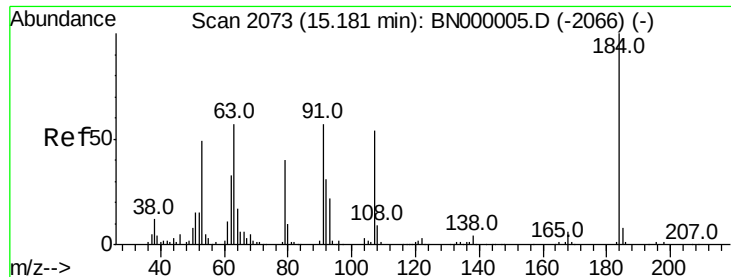
153 116.0 90.4 135.6

152 55.1 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

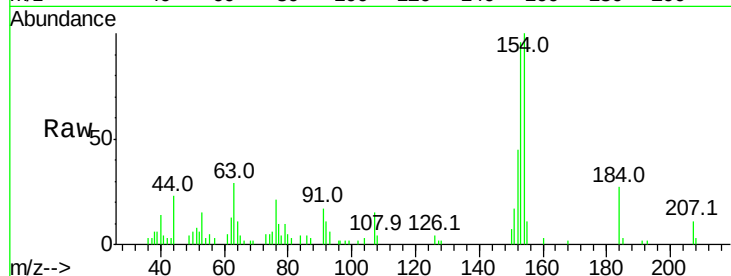




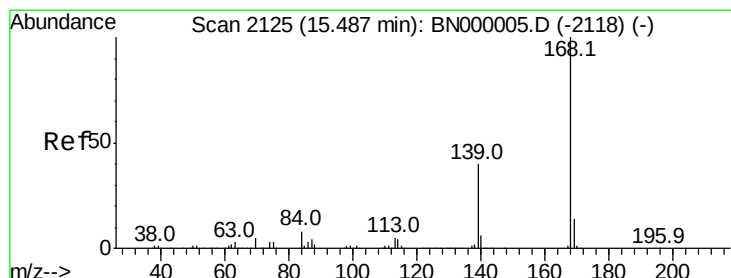
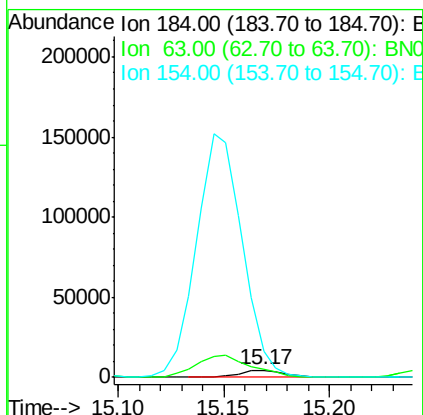
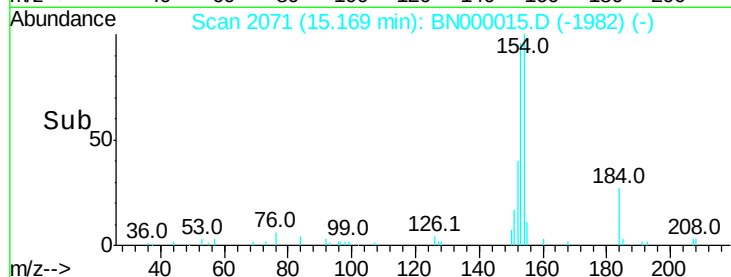
#53
 2,4-Dinitrophenol
 Concen: 6.431 ng
 RT: 15.17 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: BN000015.D
 Acq: 05 Feb 2018 12:59

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:184 Resp: 6375
 Ion Ratio Lower Upper
 184 100
 63 105.9 80.0 120.0
 154 368.9 308.0 462.0

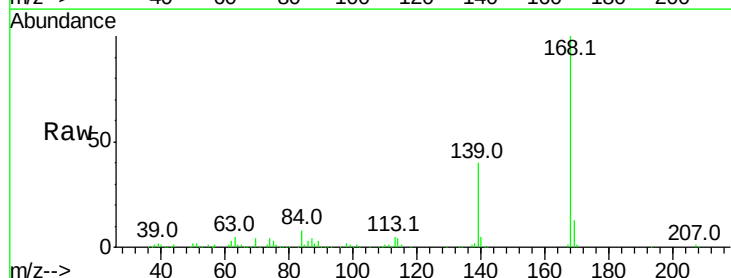


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 154.00 (153.70 to 154.70): E

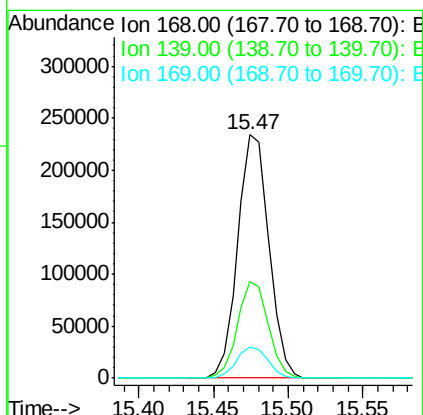
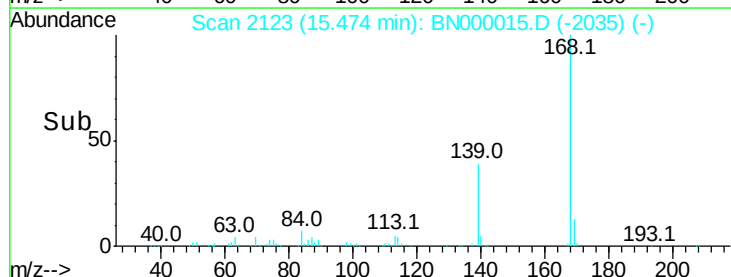


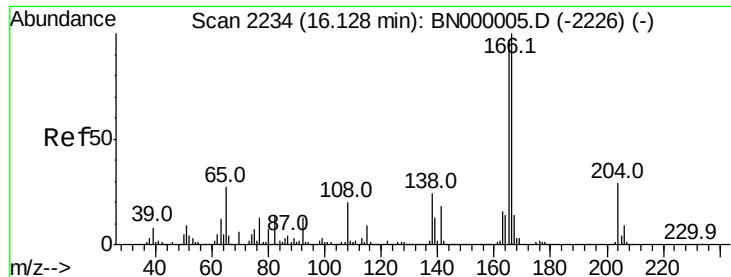
#54
 Dibenzofuran
 Concen: 3.702 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BN000015.D
 Acq: 05 Feb 2018 12:59

Tgt Ion:168 Resp: 340686
 Ion Ratio Lower Upper
 168 100
 139 39.5 28.6 43.0
 169 12.9 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





#57

Fluorene

Concen: 3.527 ng

RT: 16.12 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampled :

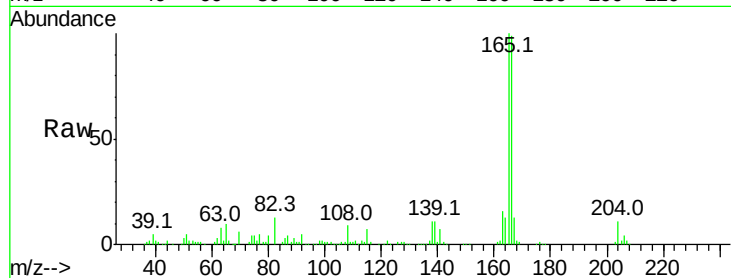
Tot Ion:166 Resp: 273296

Ion Ratio Lower Upper

166 100

165 100.7 80.6 121.0

167 13.2 10.4 15.6

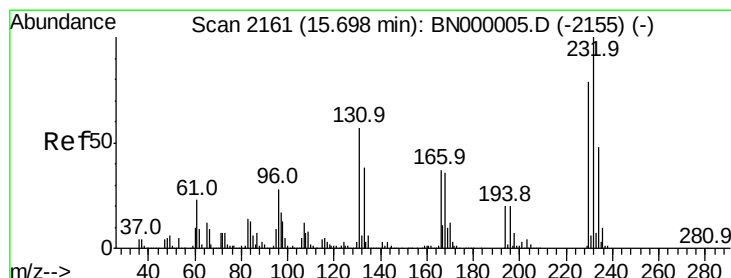
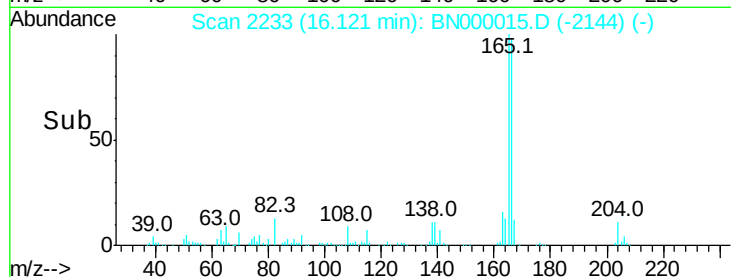
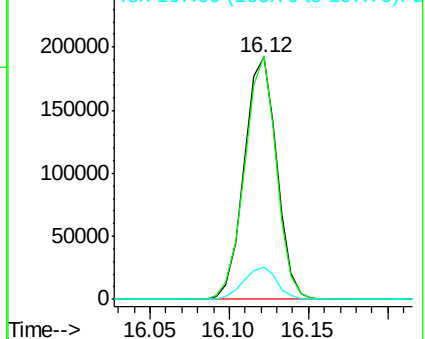


Abundance

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: 2.286 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Tgt Ion:232 Resp: 34056

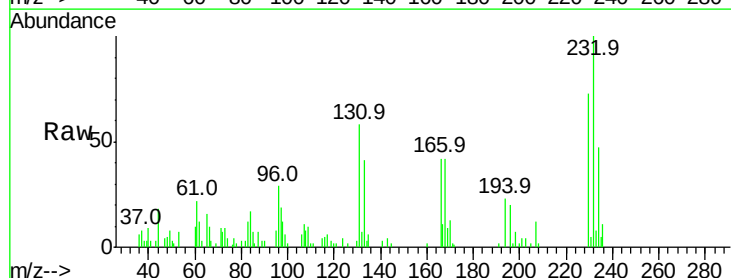
Ion Ratio Lower Upper

232 100

131 62.1 33.5 50.3#

130 3.1 2.2 3.2

166 37.0 24.8 37.2



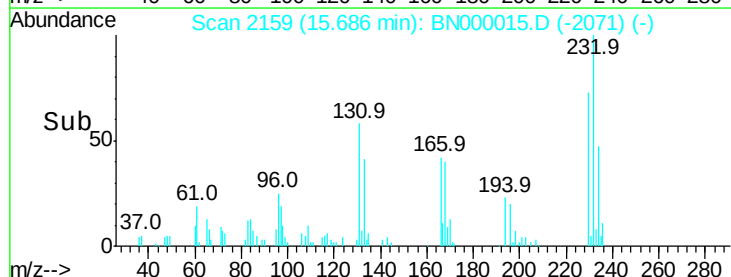
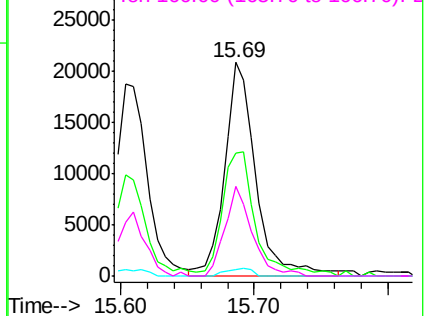
Abundance

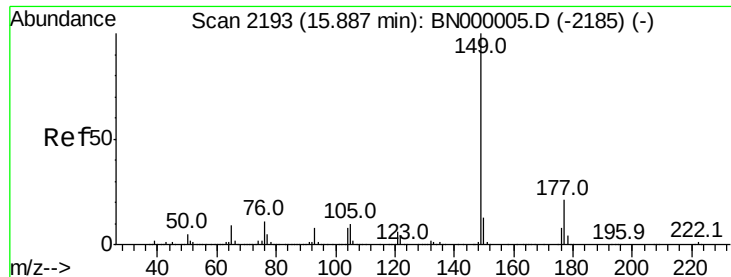
Ion 232.00 (231.70 to 232.70): E

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

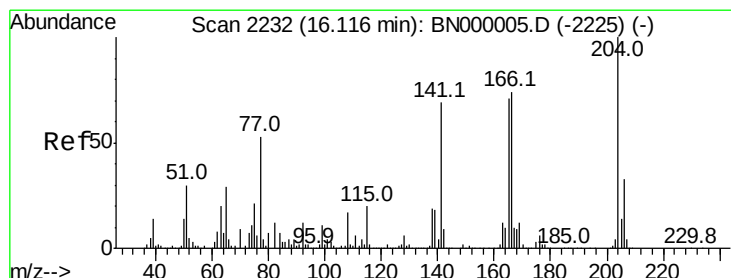
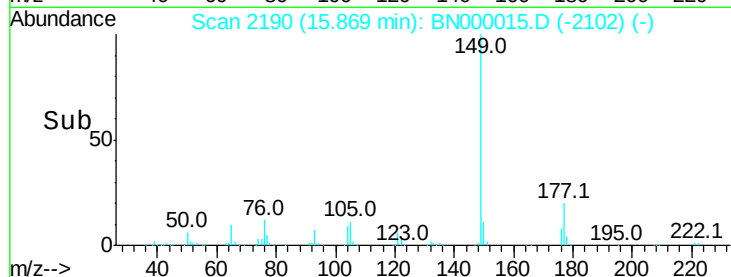
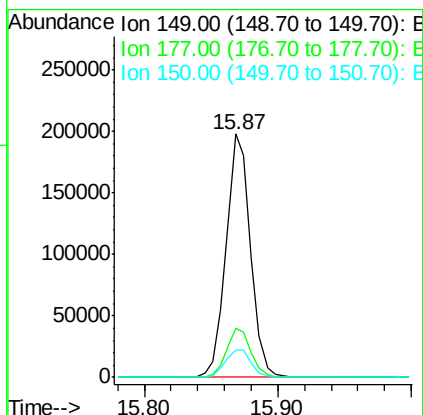
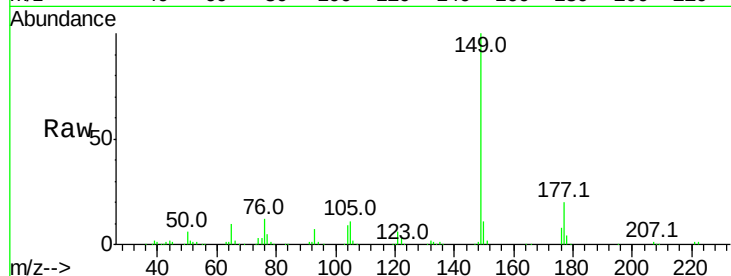




#59
Diethylphthalate
Concen: 3.018 ng
RT: 15.87 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

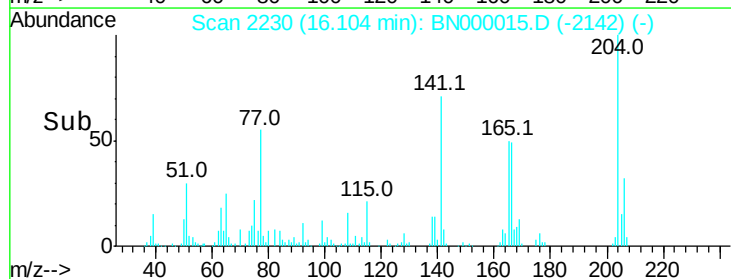
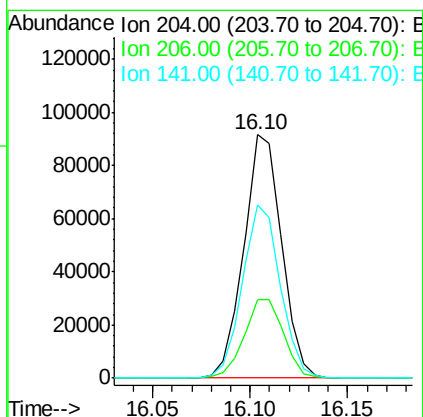
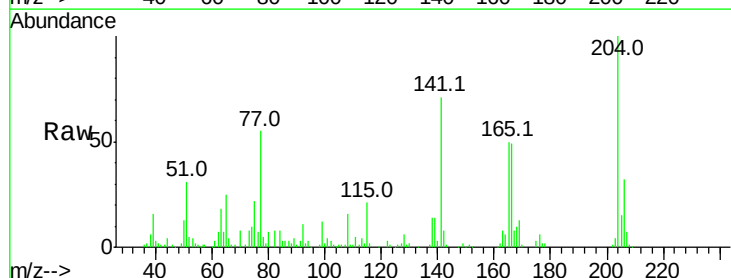
Instrument :
BNA_N
ClientSampled :

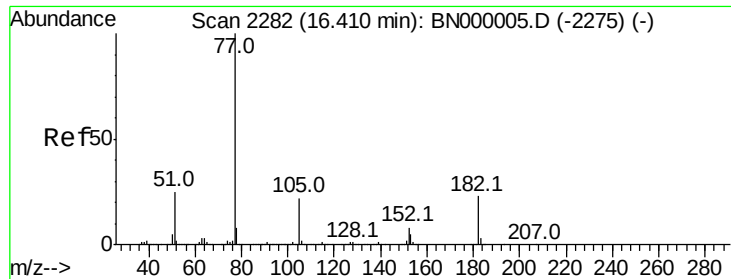
Tot Ion:149 Resp: 254311
Ion Ratio Lower Upper
149 100
177 20.3 18.5 27.7
150 11.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 3.596 ng
RT: 16.10 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion:204 Resp: 123148
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 71.1 45.8 68.6#





#62

Azobenzene

Concen: 2.976 ng

RT: 16.40 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 77 Resp: 250596

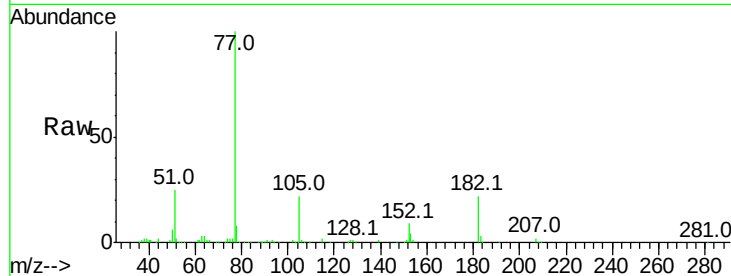
Ion Ratio Lower Upper

77 100

182 21.6 7.4 47.4

105 21.7 0.3 40.3

51 24.7 11.6 51.6

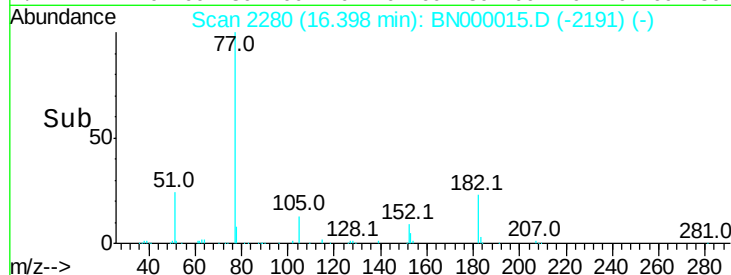


Abundance Ion 77.00 (76.70 to 77.70): BN0

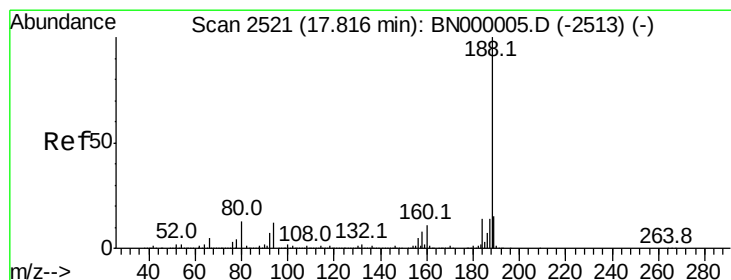
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BN0



Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.80 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

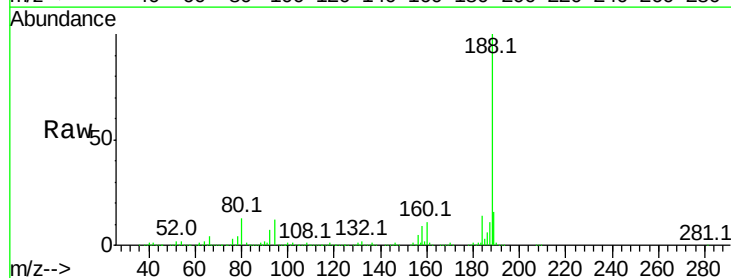
Tgt Ion: 188 Resp: 2054610

Ion Ratio Lower Upper

188 100

94 12.2 6.9 10.3#

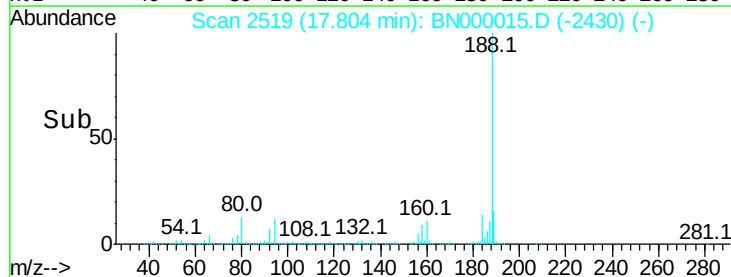
80 12.7 7.7 11.5#



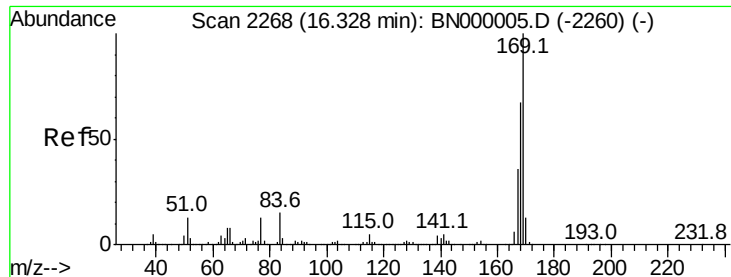
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BN0

Ion 80.00 (79.70 to 80.70): BN0



Time-->



#65

n-Nitrosodiphenylamine

Concen: 3.304 ng

RT: 16.32 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampleId :

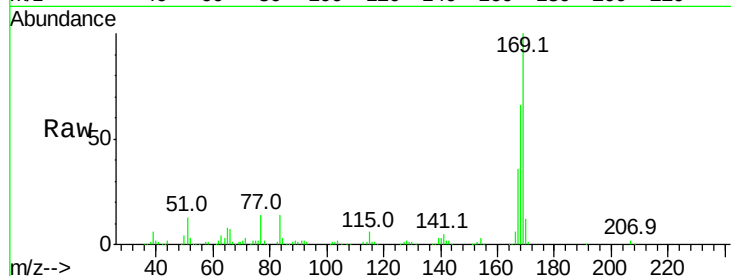
Tot Ion:169 Resp: 221818

Ion Ratio Lower Upper

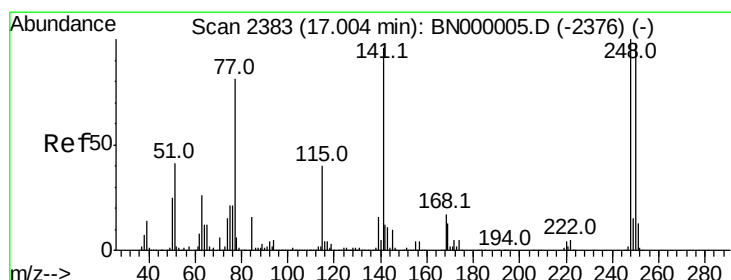
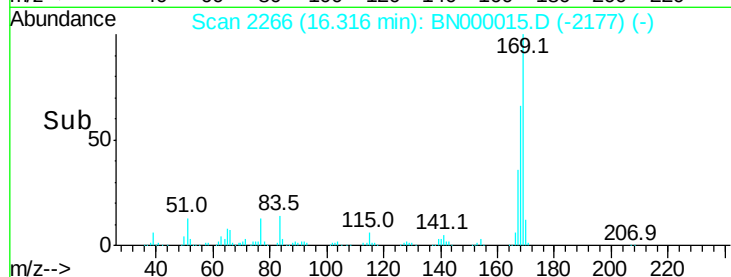
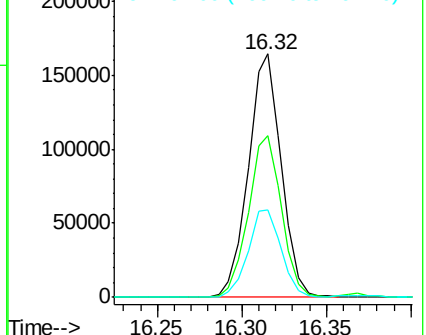
169 100

168 66.4 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: 3.420 ng

RT: 16.99 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

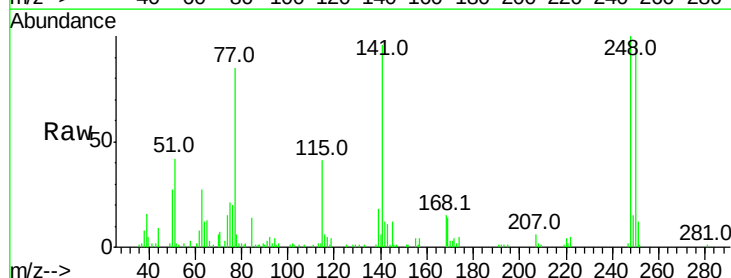
Tgt Ion:248 Resp: 65754

Ion Ratio Lower Upper

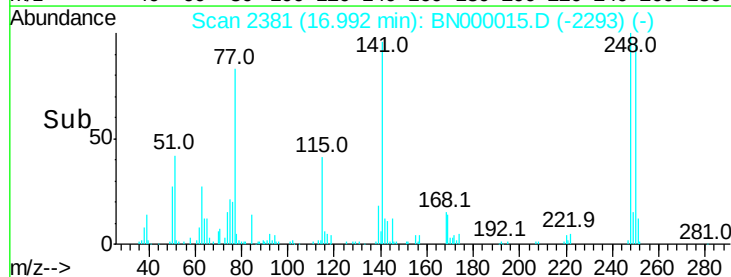
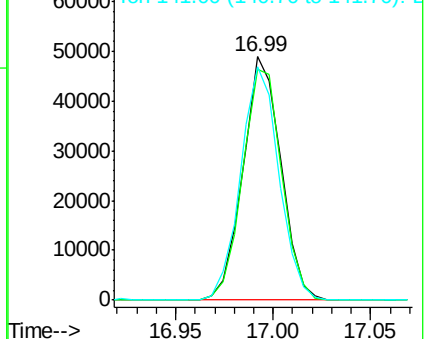
248 100

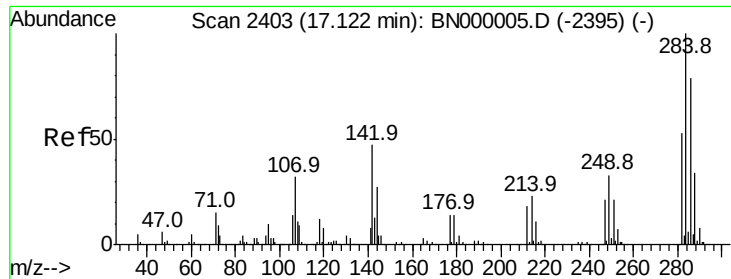
250 94.9 77.1 115.7

141 96.0 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: 3.735 ng

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampleId :

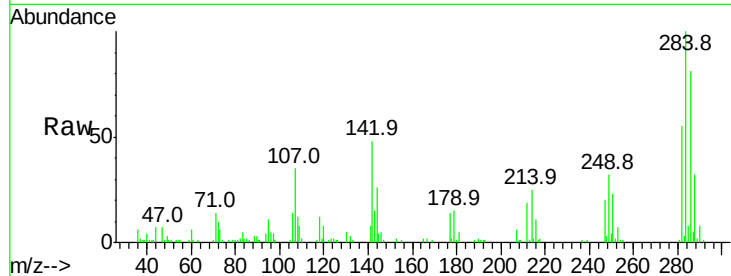
Tot Ion:284 Resp: 82726

Ion Ratio Lower Upper

284 100

142 47.8 26.8 40.2#

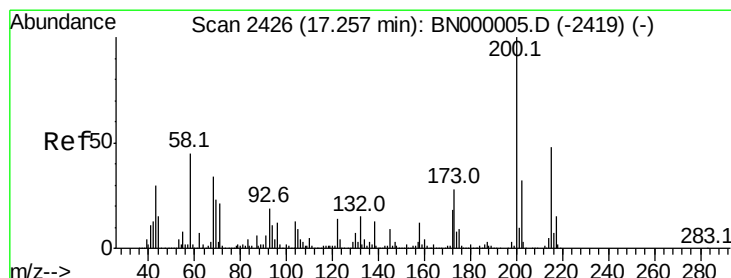
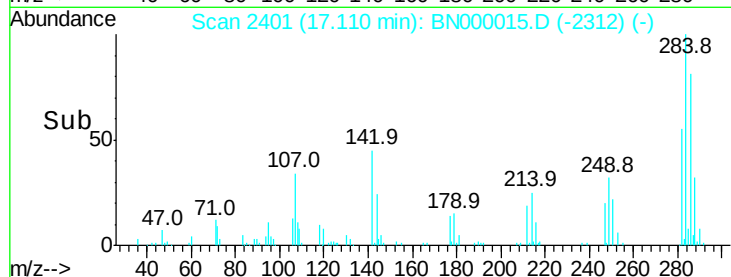
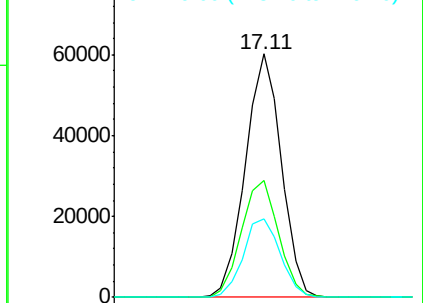
249 32.3 26.3 39.5



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: 2.859 ng

RT: 17.24 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

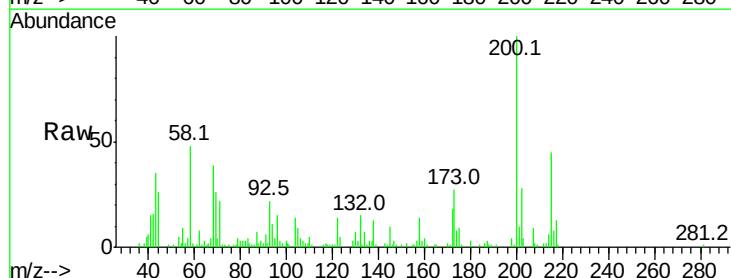
Tgt Ion:200 Resp: 58513

Ion Ratio Lower Upper

200 100

173 27.2 5.2 45.2

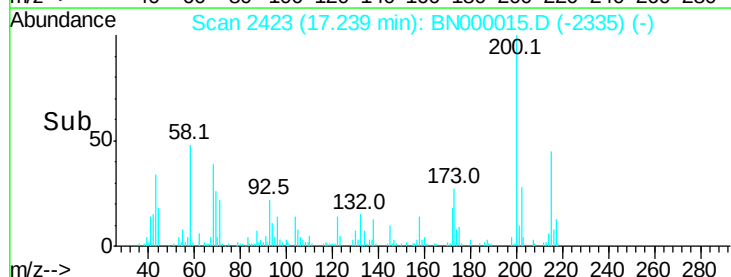
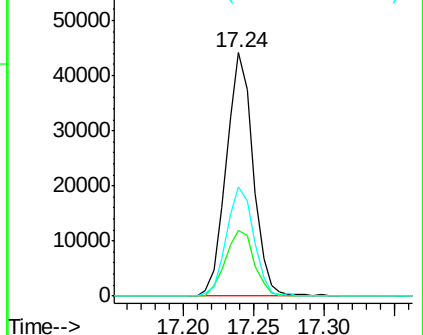
215 44.7 30.4 70.4

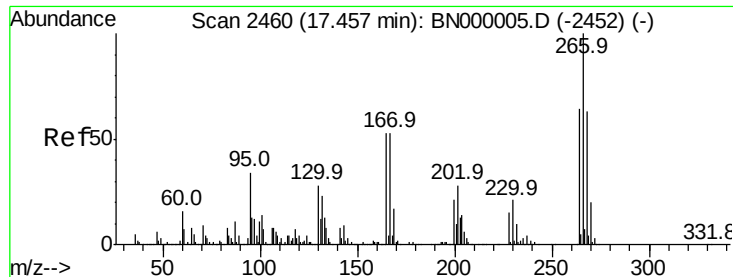


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 2.025 ng

RT: 17.44 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampleId :

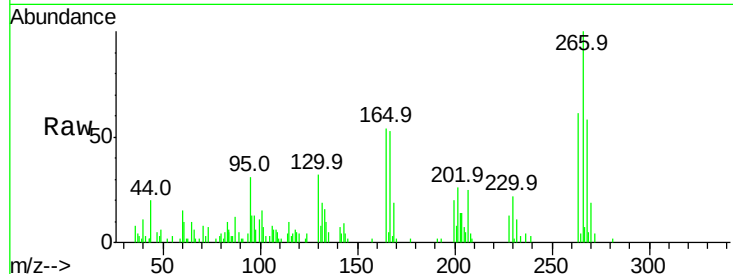
Tot Ion:266 Resp: 26870

Ion Ratio Lower Upper

266 100

268 57.7 51.1 76.7

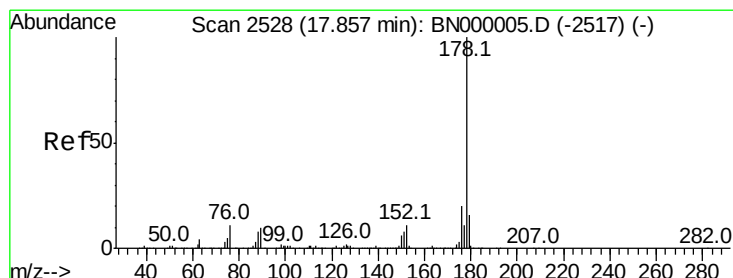
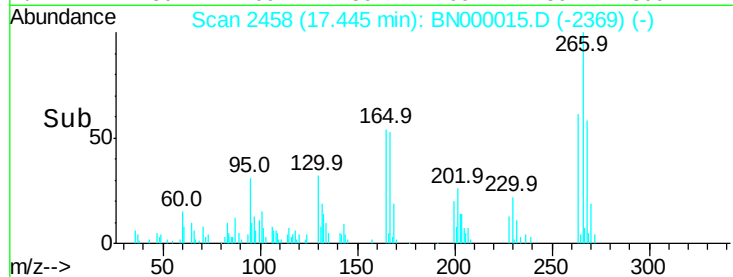
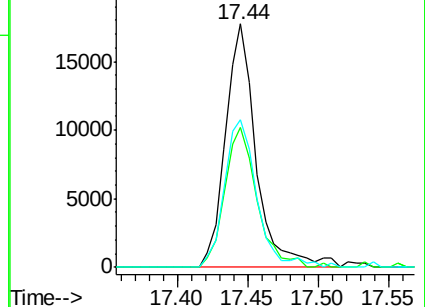
264 60.7 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 3.798 ng

RT: 17.84 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

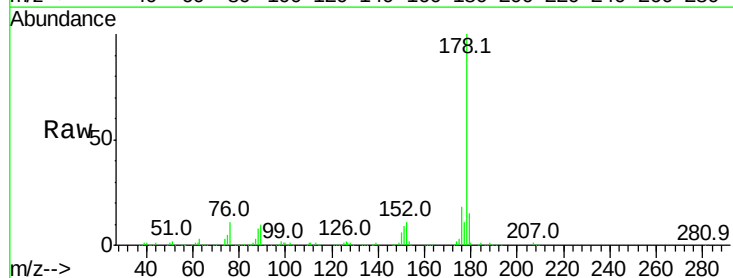
Tgt Ion:178 Resp: 469523

Ion Ratio Lower Upper

178 100

176 18.3 15.7 23.5

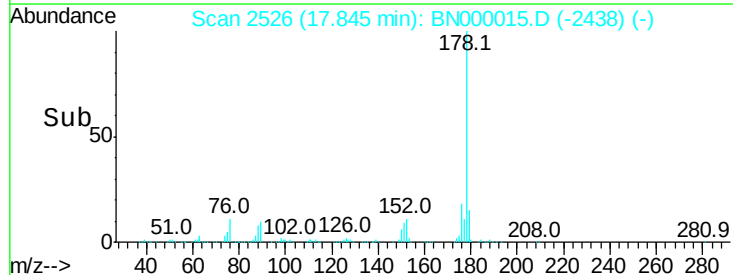
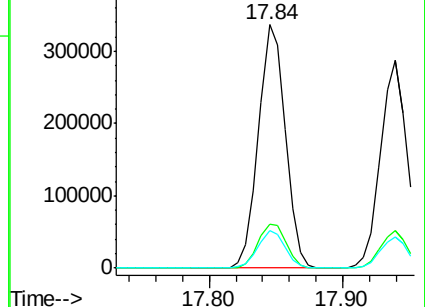
179 15.3 12.5 18.7

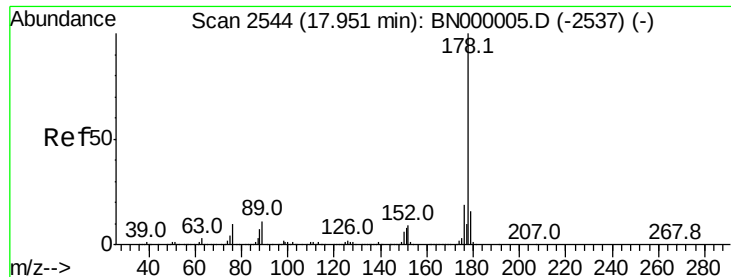


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 3.307 ng

RT: 17.94 min Scan# 2542

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampleId :

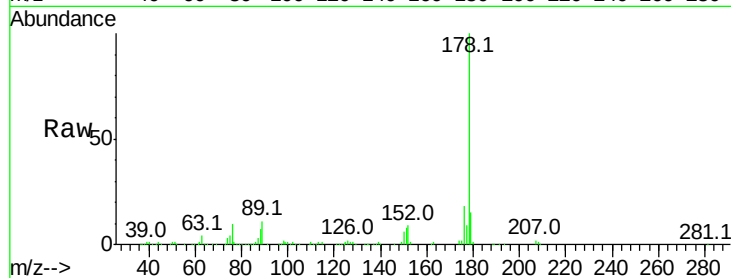
Tot Ion:178 Resp: 404989

Ion Ratio Lower Upper

178 100

176 18.2 16.0 24.0

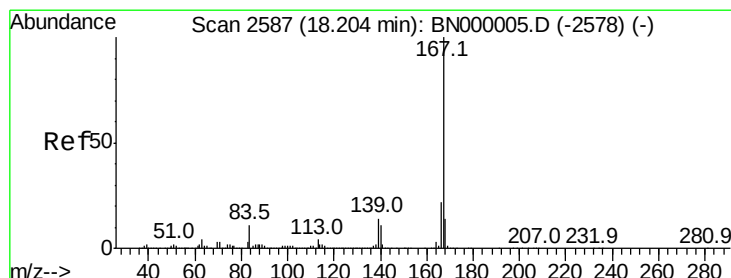
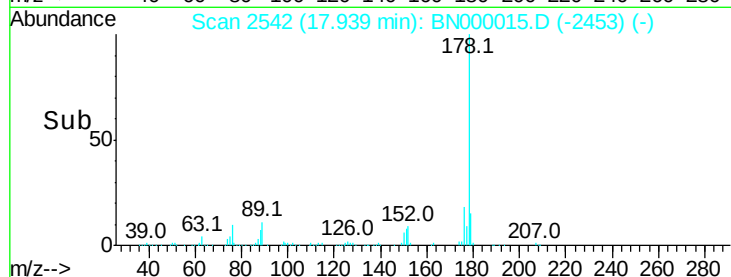
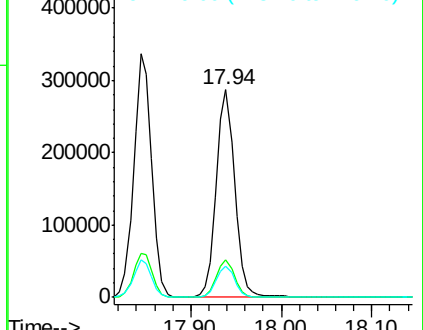
179 14.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 3.244 ng

RT: 18.20 min Scan# 2586

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

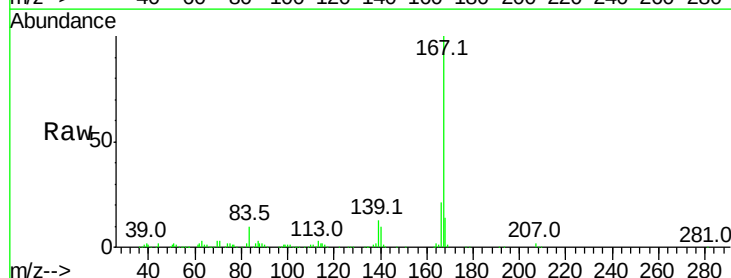
Tgt Ion:167 Resp: 411067

Ion Ratio Lower Upper

167 100

166 21.2 18.2 27.4

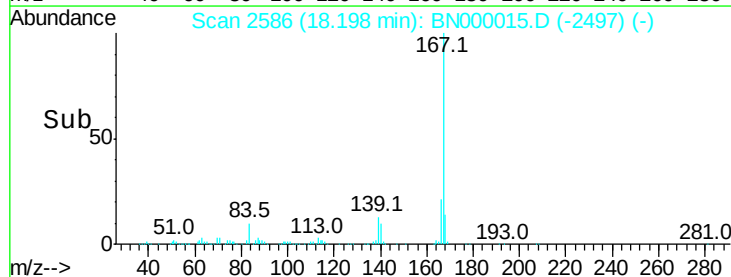
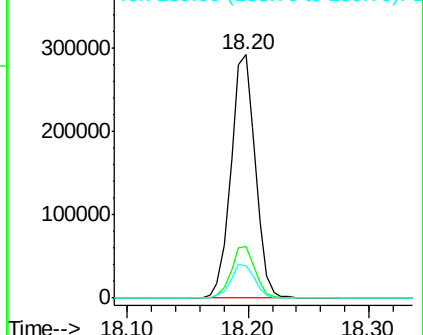
139 13.3 9.4 14.2

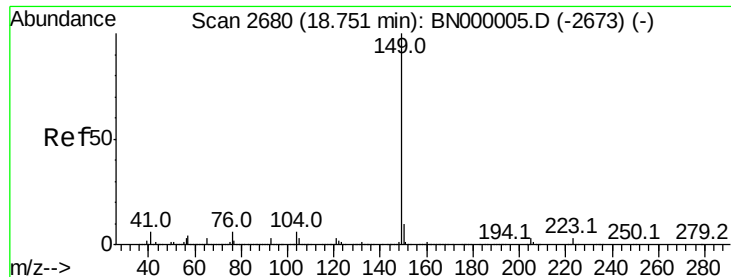


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 2.247 ng

RT: 18.74 min Scan# 2678

Delta R.T. -0.01 min

Lab File: BN000015.D

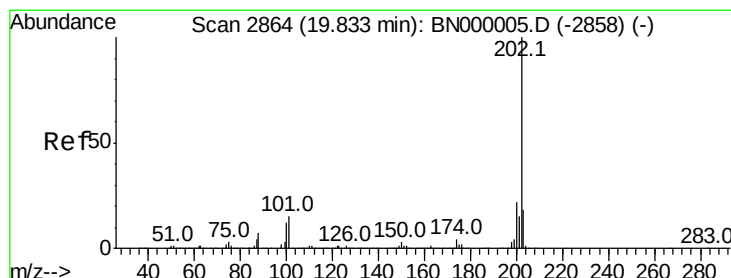
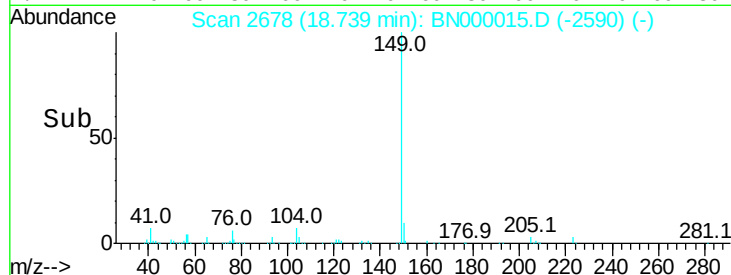
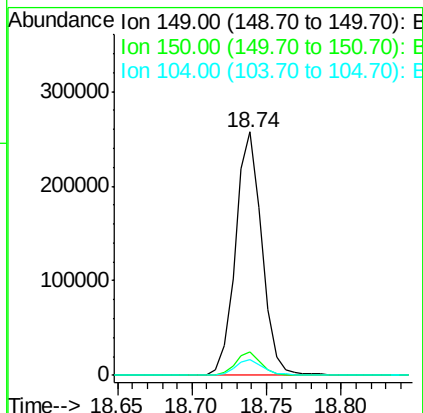
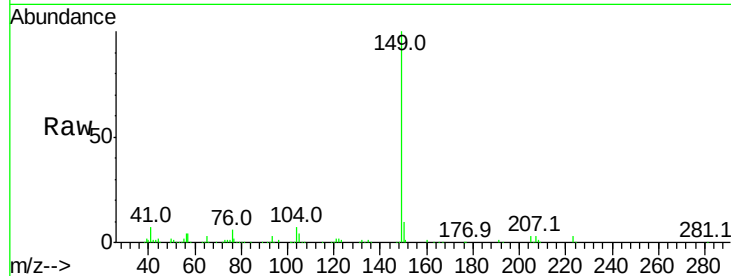
Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	149	Resp:	316125
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	6.6	3.9	5.9#



#74

Fluoranthene

Concen: 3.242 ng

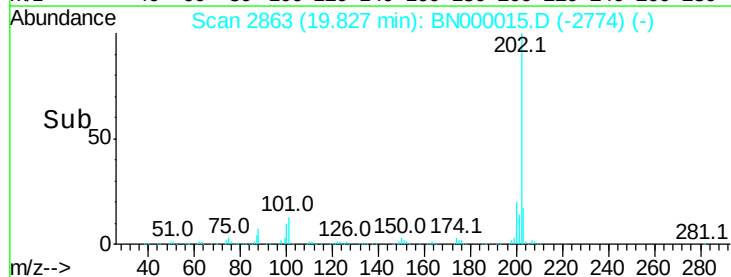
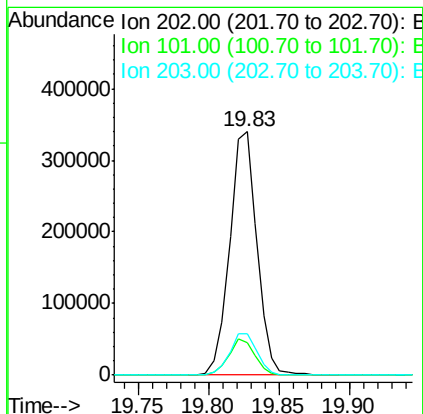
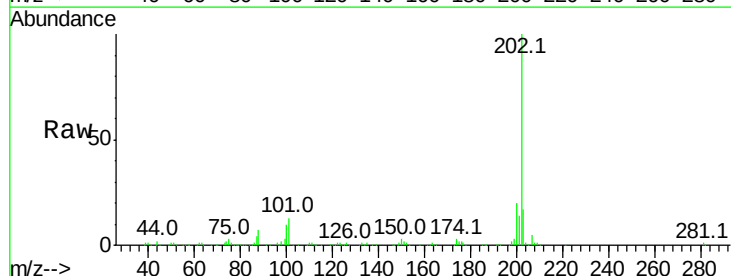
RT: 19.83 min Scan# 2863

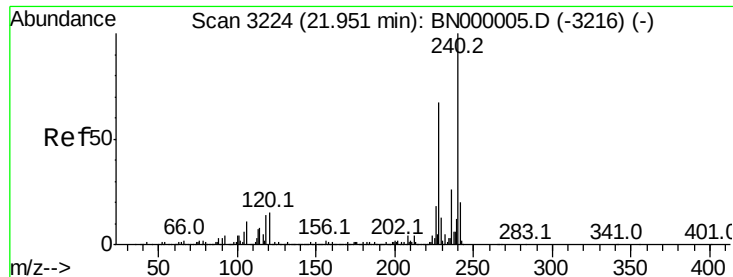
Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Tgt Ion:	202	Resp:	455147
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	28.9
203	17.2	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.93 min Scan# 3220

Delta R.T. -0.02 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampleId :

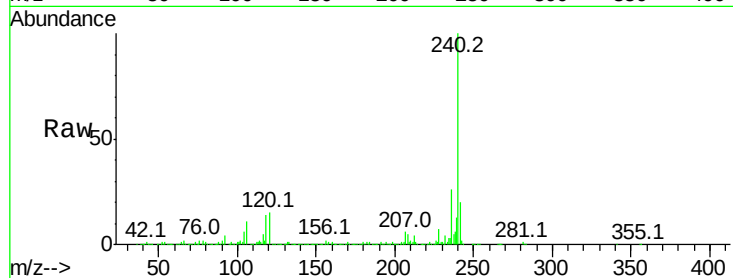
Tot Ion:240 Resp: 2352996

Ion Ratio Lower Upper

240 100

120 15.3 6.8 10.2#

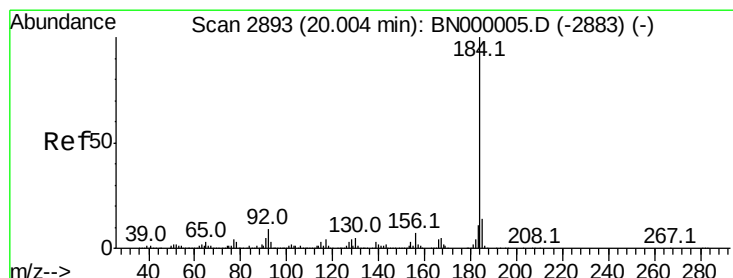
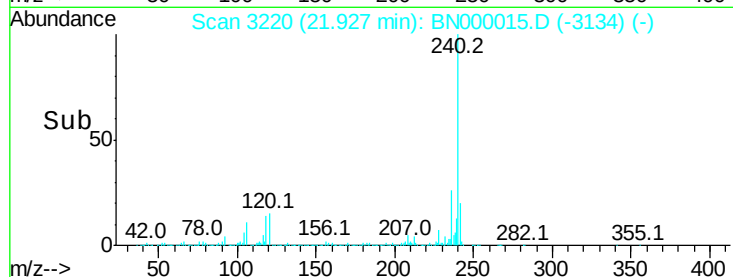
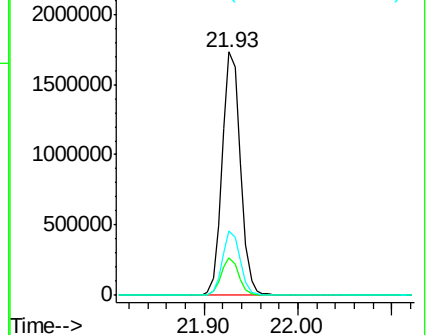
236 26.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.194 ng

RT: 19.99 min Scan# 2891

Delta R.T. -0.01 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

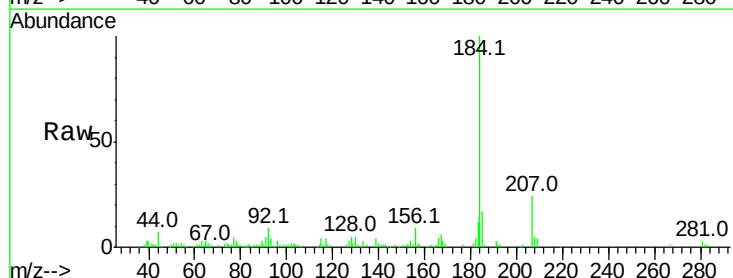
Tgt Ion:184 Resp: 130687

Ion Ratio Lower Upper

184 100

185 17.2 11.1 16.7#

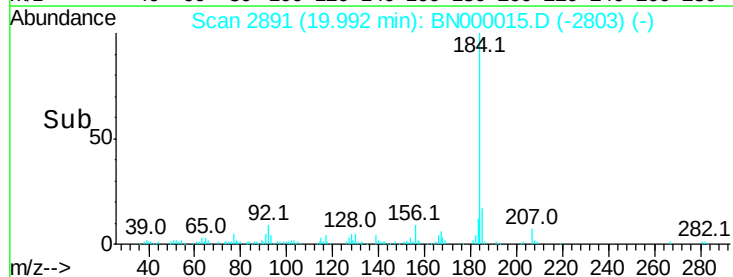
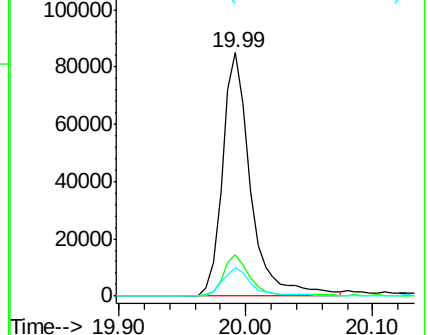
183 12.0 10.6 16.0

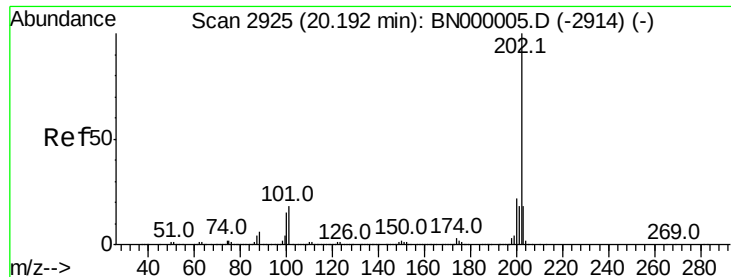


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

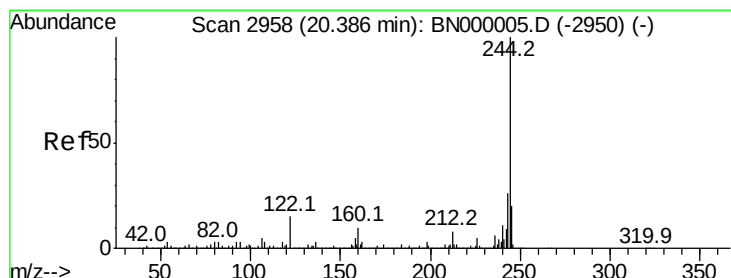
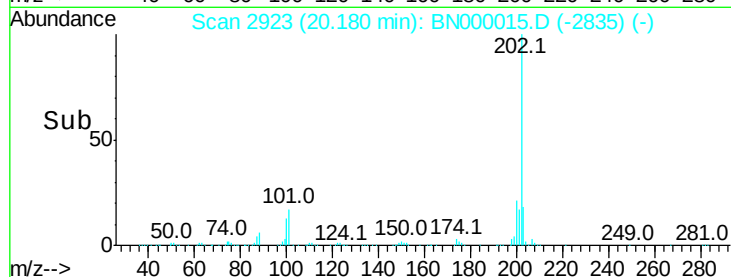
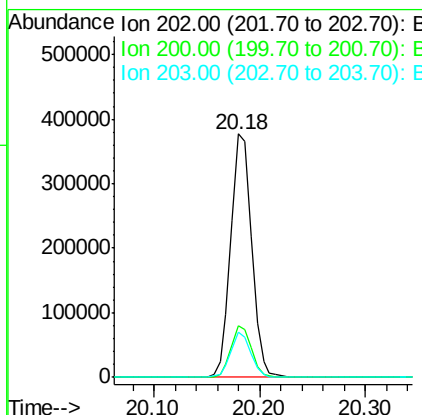
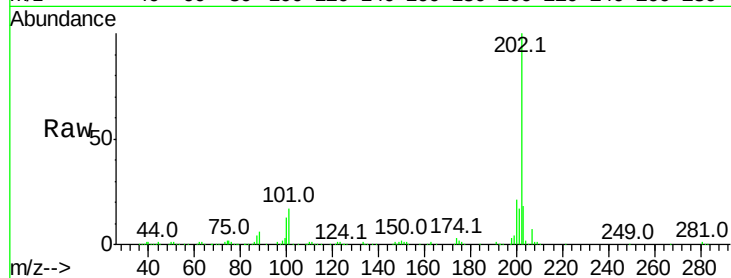




#77
Pvrene
Concen: 3.477 ng
RT: 20.18 min Scan# 2923
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

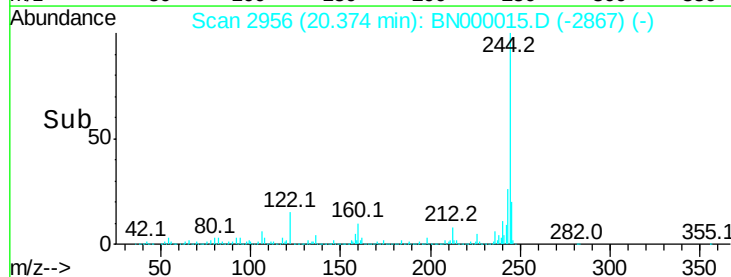
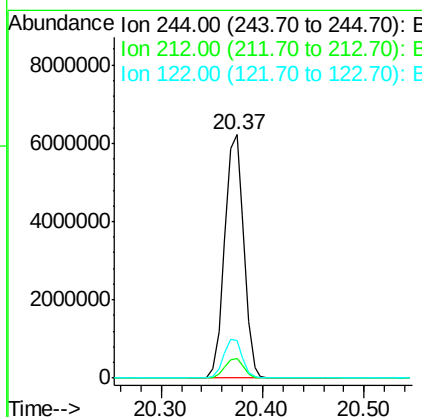
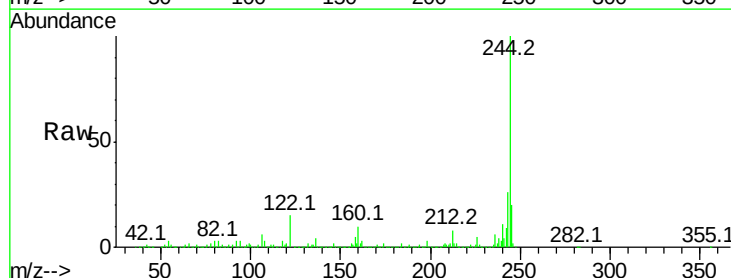
Instrument :
BNA_N
ClientSampled :

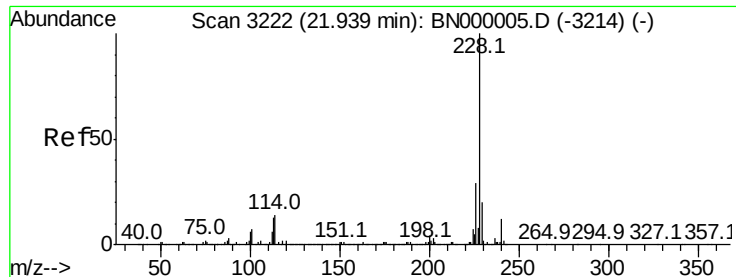
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.3	13.9	20.9



#78
Terphenyl-d14
Concen: 91.403 ng
RT: 20.37 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	15.4	7.0	10.4#

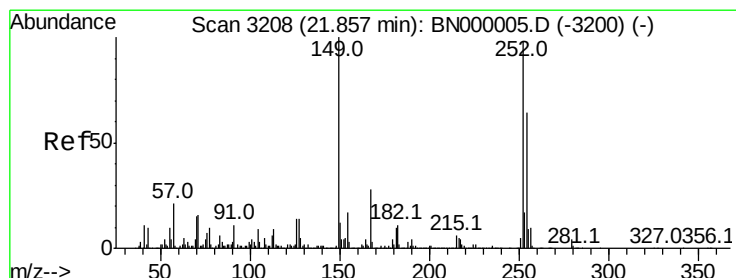
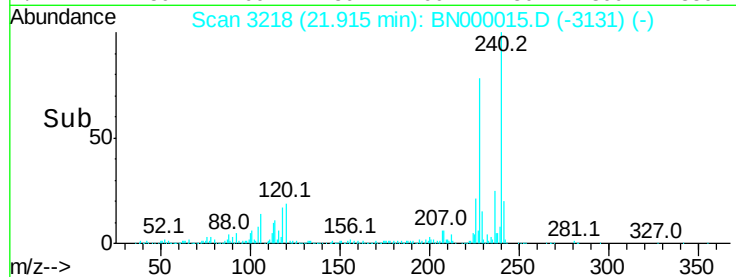
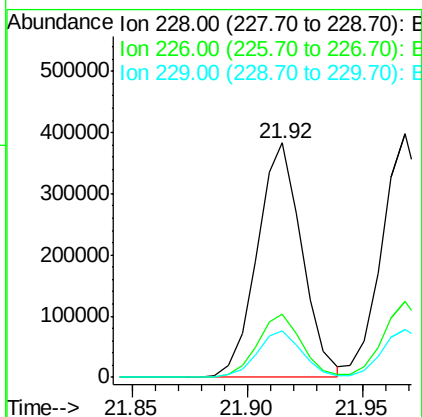
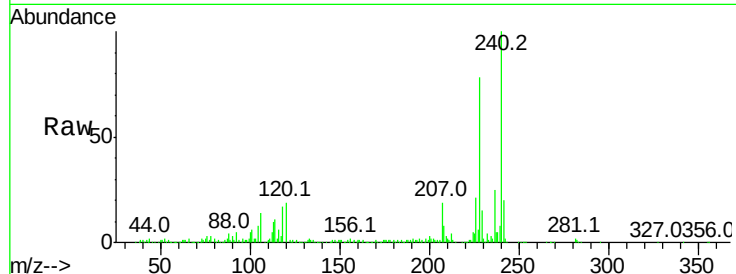




#80
Benzo(a)anthracene
Concen: 3.517 ng
RT: 21.92 min Scan# 3218
Delta R.T. -0.02 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

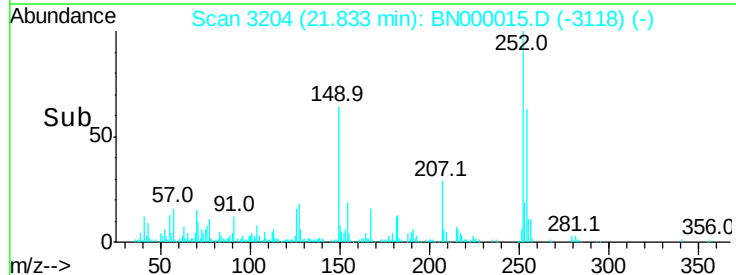
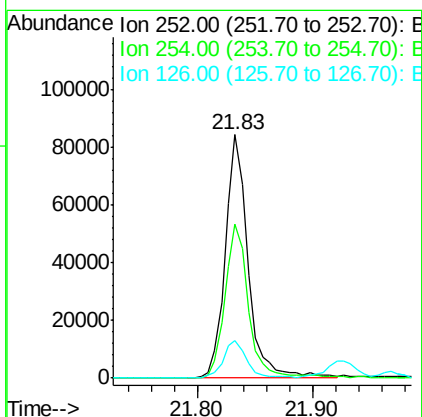
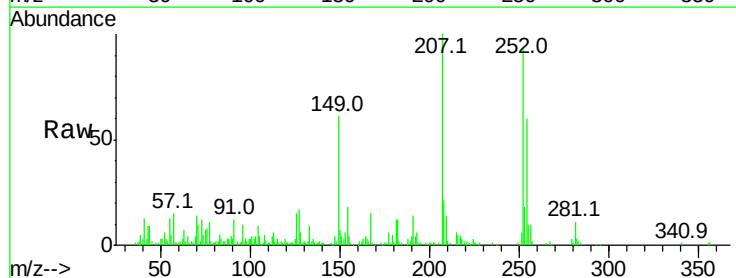
Instrument :
BNA_N
ClientSampleId :

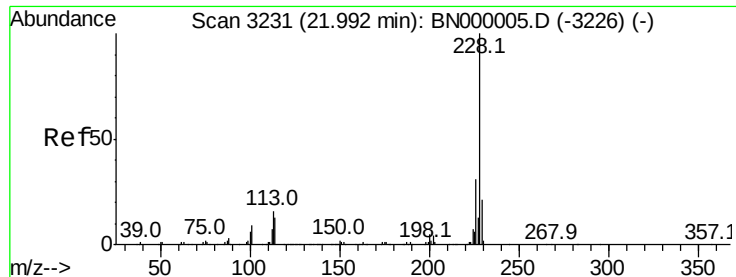
Tot Ion:228 Resp: 513073
Ion Ratio Lower Upper
228 100
226 26.7 22.7 34.1
229 19.7 16.2 24.2



#81
3,3'-Dichlorobenzidine
Concen: 2.364 ng
RT: 21.83 min Scan# 3204
Delta R.T. -0.02 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion:252 Resp: 115593
Ion Ratio Lower Upper
252 100
254 63.5 50.8 76.2
126 15.5 7.4 11.2#





#82

Chrysene

Concen: 3.811 ng

RT: 21.97 min Scan# 3227

Delta R.T. -0.02 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampleId :

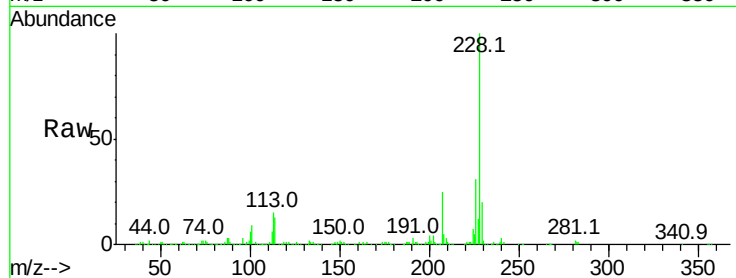
Tot Ion:228 Resp: 552218

Ion Ratio Lower Upper

228 100

226 31.4 24.9 37.3

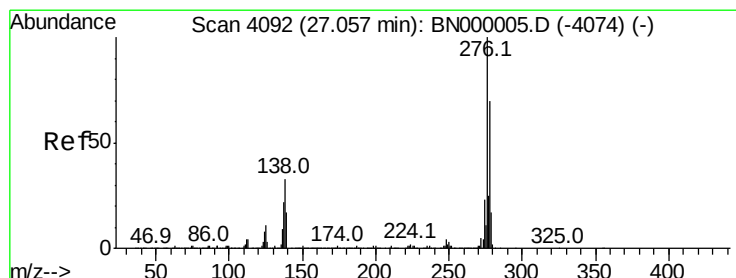
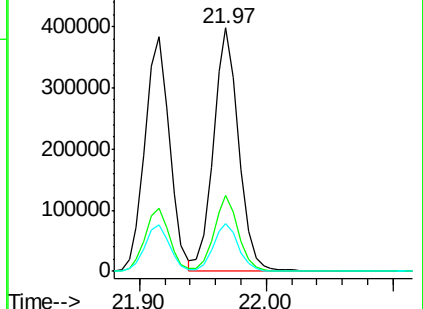
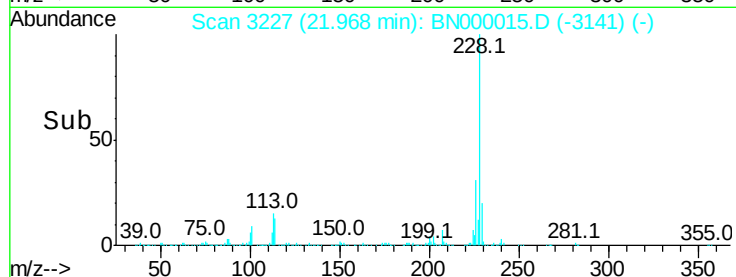
229 19.6 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.047 ng

RT: 27.00 min Scan# 4083

Delta R.T. -0.04 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

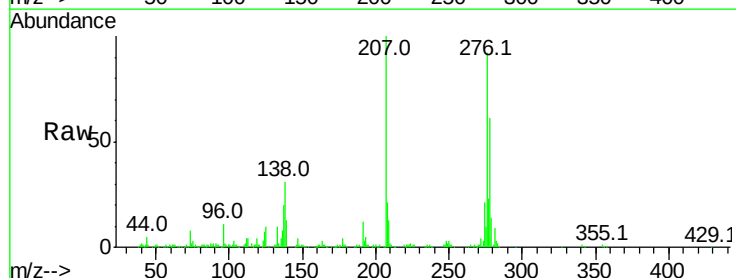
Tgt Ion:276 Resp: 569433

Ion Ratio Lower Upper

276 100

138 35.4 16.0 24.0#

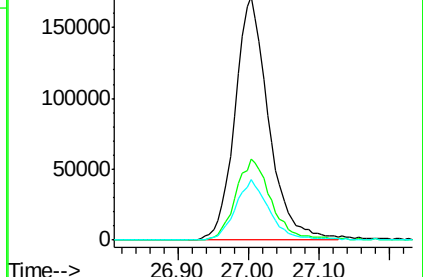
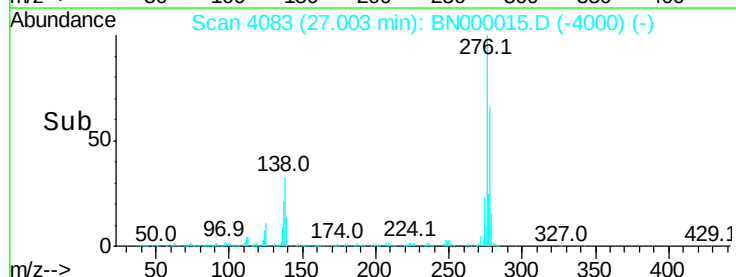
277 24.9 20.0 30.0

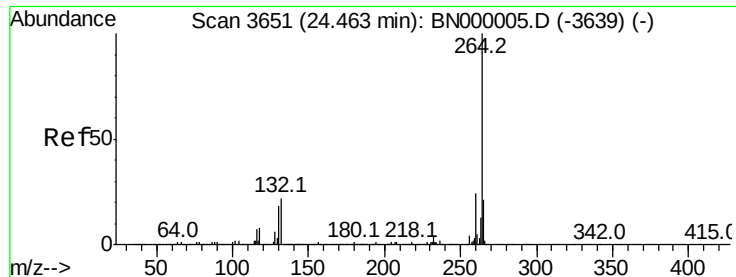


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

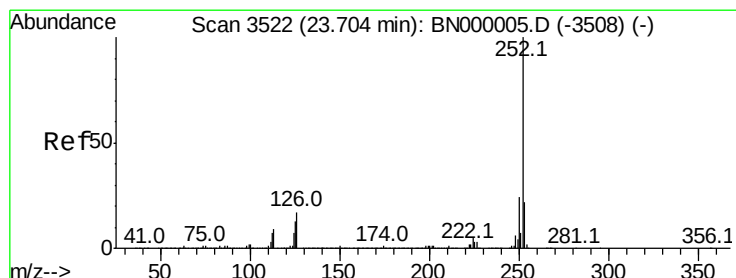
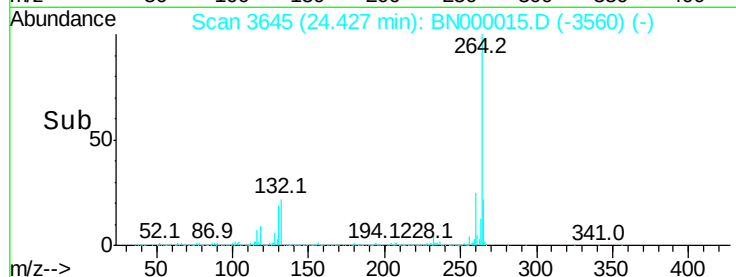
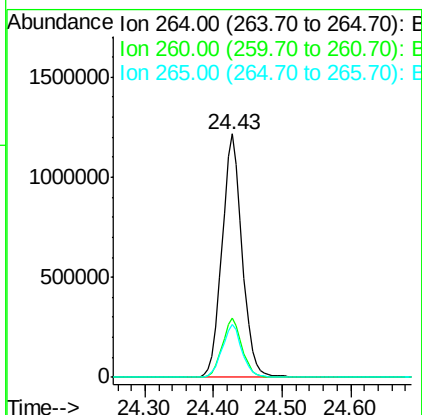
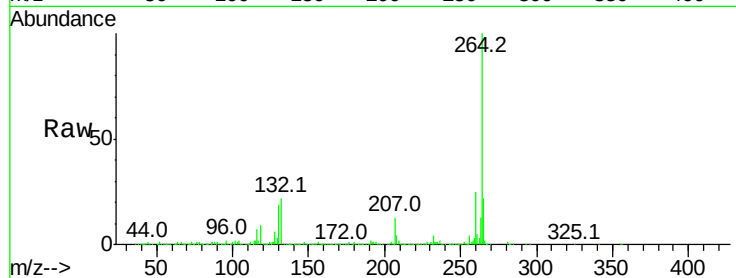




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.43 min Scan# 3645
Delta R.T. -0.03 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

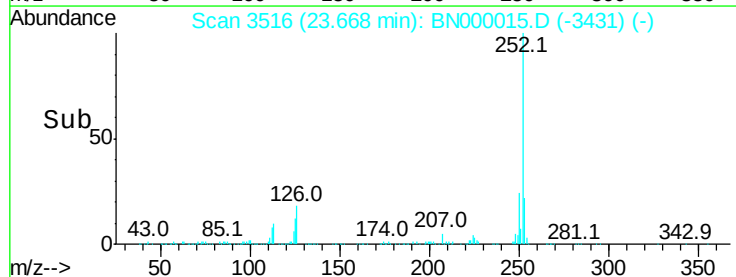
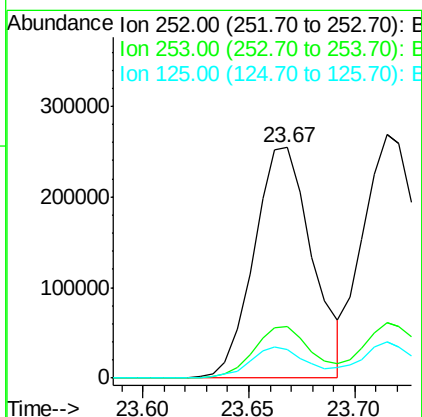
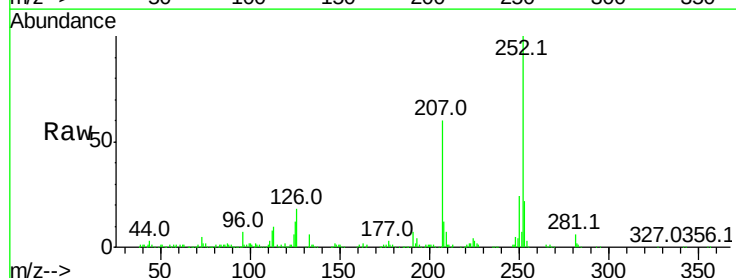
Instrument :
BNA_N
ClientSampleId :

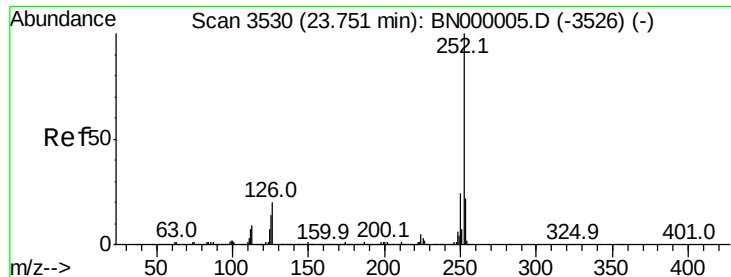
Tot Ion:264 Resp: 2467470
Ion Ratio Lower Upper
264 100
260 24.5 17.4 26.0
265 21.7 17.7 26.5



#87
Benzo(b)fluoranthene
Concen: 3.330 ng
RT: 23.67 min Scan# 3516
Delta R.T. -0.03 min
Lab File: BN000015.D
Acq: 05 Feb 2018 12:59

Tgt Ion:252 Resp: 488513
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 12.5 7.2 10.8#





#88

Benzo(k)fluoranthene

Concen: 3.563 ng

RT: 23.72 min Scan# 3524

Delta R.T. -0.04 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampleId :

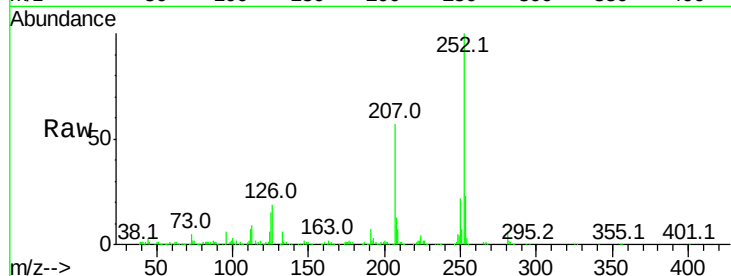
Tot Ion:252 Resp: 524110

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

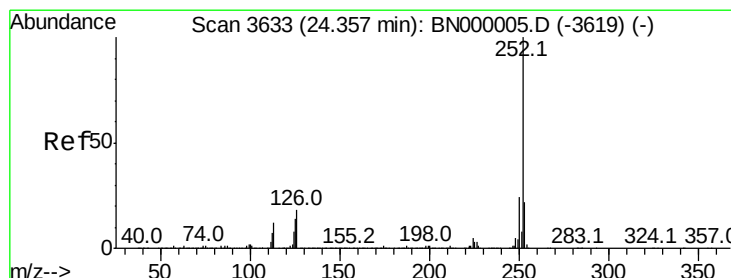
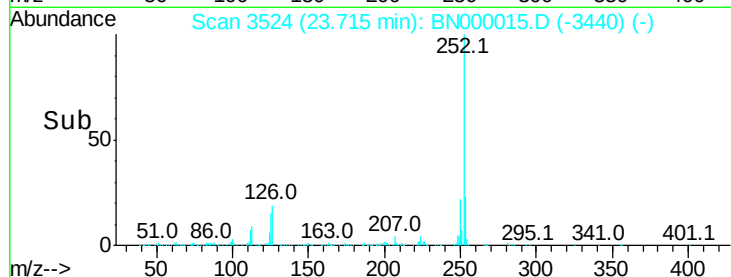
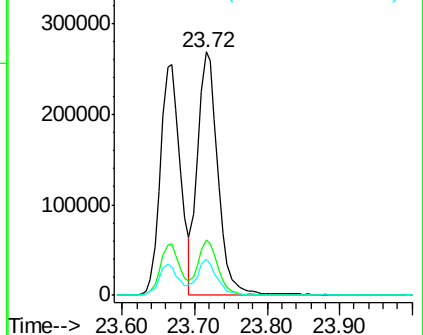
125 14.9 6.6 9.8#



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: 3.145 ng

RT: 24.32 min Scan# 3626

Delta R.T. -0.04 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

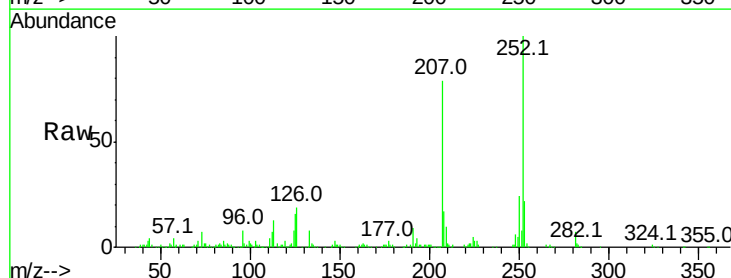
Tgt Ion:252 Resp: 448174

Ion Ratio Lower Upper

252 100

253 21.6 18.3 27.5

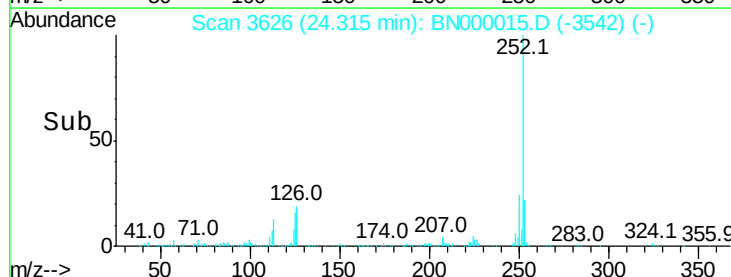
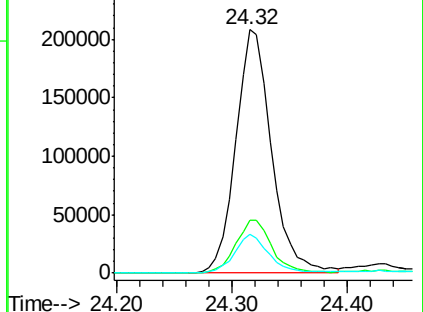
125 16.1 7.3 10.9#

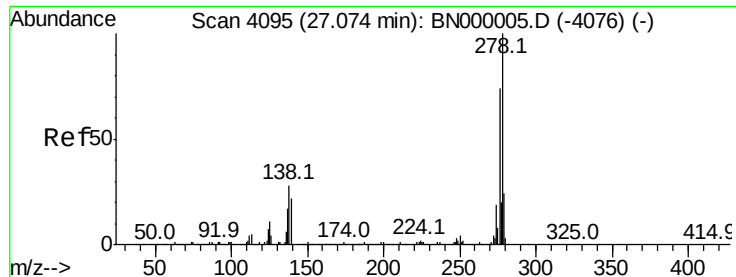


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 3.218 ng

RT: 27.02 min Scan# 4085

Delta R.T. -0.05 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

Instrument :

BNA_N

ClientSampleId :

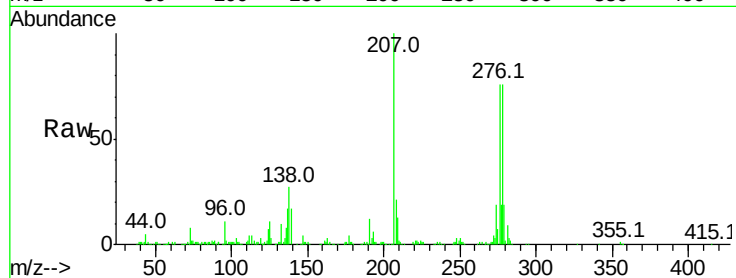
Tot Ion:278 Resp: 480122

Ion Ratio Lower Upper

278 100

139 22.1 9.8 14.6#

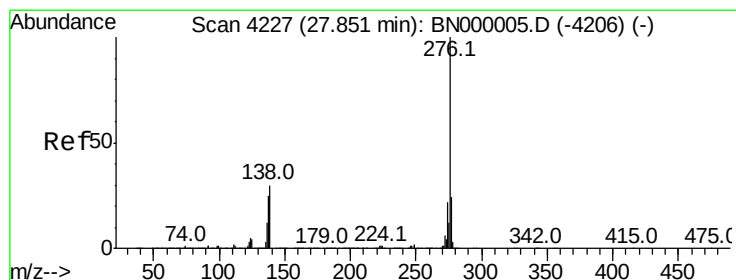
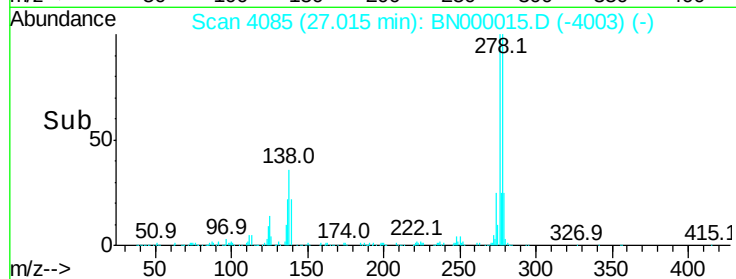
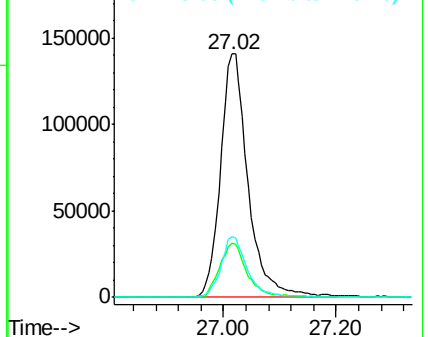
279 24.7 18.4 27.6



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(g,h,i)perylene

Concen: 3.182 ng

RT: 27.79 min Scan# 4216

Delta R.T. -0.05 min

Lab File: BN000015.D

Acq: 05 Feb 2018 12:59

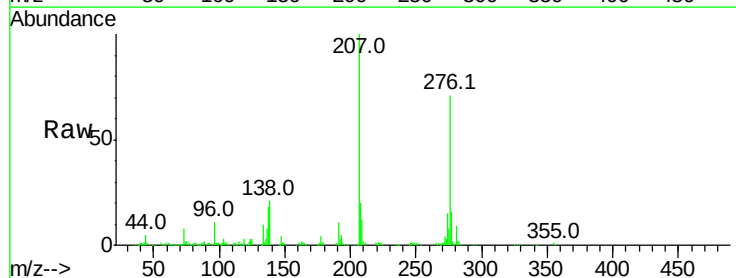
Tgt Ion:276 Resp: 482419

Ion Ratio Lower Upper

276 100

277 23.1 18.3 27.5

138 29.5 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

