

Data Path : U:\HPCHEM1\BNA N\DATA\BN020618\
 Data File : BN000022.D
 Acq On : 06 Feb 2018 09:02
 Operator :
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 07 03:10:57 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 15:24:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	361835	20.00	ng	-0.01
21) Naphthalene-d8	11.32	136	1817003	20.00	ng	-0.01
38) Acenaphthene-d10	15.09	164	1084496	20.00	ng	0.00
63) Phenanthrene-d10	17.80	188	2385843	20.00	ng	0.00
75) Chrysene-d12	21.93	240	2591638	20.00	ng	-0.02
86) Perylene-d12	24.43	264	2799104	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.95	112	1884691	76.80	ng	0.00
7) Phenol-d6	7.59	99	2875630	77.14	ng	0.00
23) Nitrobenzene-d5	9.65	82	2582916	85.96	ng	-0.01
41) 2,4,6-Tribromophenol	16.55	330	891375	81.76	ng	0.00
44) 2-Fluorobiphenyl	13.72	172	6469732	79.90	ng	-0.01
78) Terphenyl-d14	20.37	244	8133354	82.83	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	365629	37.661	ng	95
3) Pyridine	4.10	79	1196651	40.642	ng	99
4) n-Nitrosodimethylamine	4.01	42	333311	38.477	ng	# 97
6) Aniline	7.78	93	1967407	38.717	ng	91
8) 2-Chlorophenol	8.02	128	1077499	39.689	ng	87
9) Benzaldehyde	7.59	77	699589	35.431	ng	87
10) Phenol	7.62	94	1485593	38.990	ng	87
11) bis(2-Chloroethyl)ether	7.88	93	1183288	38.928	ng	# 83
12) 1,3-Dichlorobenzene	8.36	146	1198095	39.752	ng	99
13) 1,4-Dichlorobenzene	8.51	146	1229373	39.716	ng	96
14) 1,2-Dichlorobenzene	8.83	146	1213942	39.693	ng	97
15) Benzyl Alcohol	8.70	79	1012811	36.999	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.00	45	1281192	38.969	ng	79
17) 2-Methylphenol	8.90	107	1072042	39.019	ng	95
18) Hexachloroethane	9.58	117	424936	40.032	ng	# 81
19) n-Nitroso-di-n-propylamine	9.28	70	939063	37.384	ng	# 84
20) 3+4-Methylphenols	9.23	107	1487733	38.661	ng	93
22) Acetophenone	9.30	105	2108228	39.284	ng	# 87
24) Nitrobenzene	9.69	77	1382034	42.881	ng	# 93
25) Isophorone	10.22	82	2670330	37.517	ng	97
26) 2-Nitrophenol	10.41	139	432147	40.669	ng	91
27) 2,4-Dimethylphenol	10.45	122	1109555	38.019	ng	96
28) bis(2-Chloroethoxy)methane	10.70	93	1641655	39.987	ng	98
29) 2,4-Dichlorophenol	10.95	162	1021855	40.807	ng	97
30) 1,2,4-Trichlorobenzene	11.17	180	1173215	40.010	ng	96
31) Naphthalene	11.37	128	4045960	39.703	ng	98
32) Benzoic acid	10.56	122	600315	38.721	ng	# 85
33) 4-Chloroaniline	11.46	127	1858369	39.335	ng	94
34) Hexachlorobutadiene	11.65	225	603719	40.412	ng	97
35) Caprolactam	12.21	113	427973	38.450	ng	92
36) 4-Chloro-3-methylphenol	12.55	107	1322110	38.830	ng	97
37) 2-Methylnaphthalene	12.94	142	2860280	39.721	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	1293587	40.951	ng	# 97
40) Hexachlorocyclopentadiene	13.27	237	486358	46.097	ng	90

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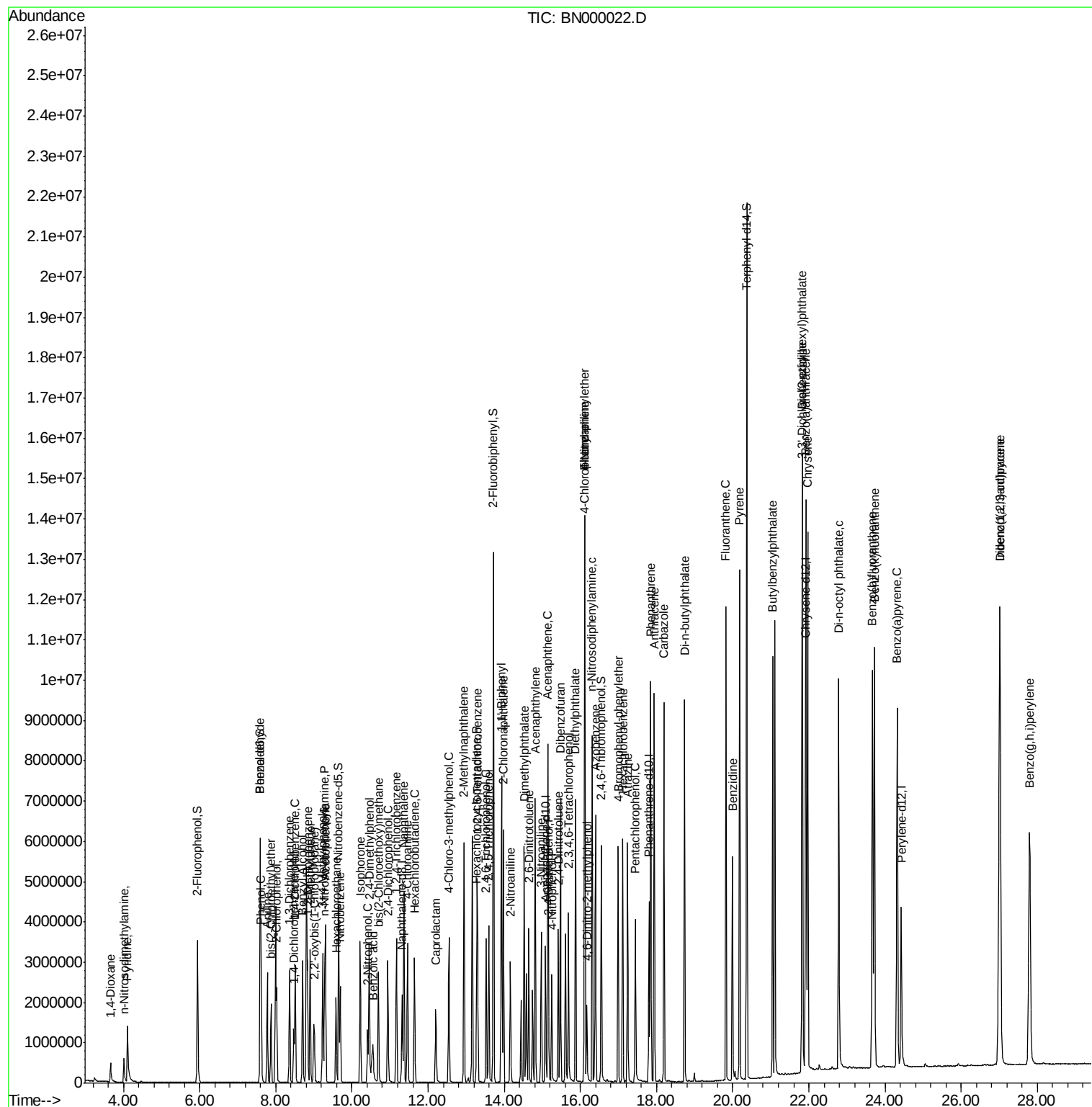
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	769909	41.235	ng	98
43) 2,4,5-Trichlorophenol	13.59	196	926500	42.137	ng	# 92
45) 1,1'-Biphenyl	13.93	154	3879249	40.034	ng	98
46) 2-Chloronaphthalene	13.97	162	2931234	40.295	ng	97
47) 2-Nitroaniline	14.16	65	768074	41.261	ng	# 81
48) Acenaphthylene	14.81	152	4910358	40.198	ng	98
49) Dimethylphthalate	14.53	163	3793430	39.138	ng	99
50) 2,6-Dinitrotoluene	14.65	165	749491	40.752	ng	93
51) Acenaphthene	15.15	154	3071443	39.847	ng	99
52) 3-Nitroaniline	14.97	138	931662	41.139	ng	# 92
53) 2,4-Dinitrophenol	15.17	184	178847	43.317	ng	# 29
54) Dibenzofuran	15.47	168	4374389	39.546	ng	95
55) 4-Nitrophenol	15.25	139	656913	39.202	ng	# 85
56) 2,4-Dinitrotoluene	15.42	165	1004865	41.071	ng	93
57) Fluorene	16.12	166	3632368	39.000	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.69	232	737330	41.177	ng	# 81
59) Diethylphthalate	15.87	149	3944880	38.954	ng	97
60) 4-Chlorophenyl-phenylether	16.10	204	1618406	39.315	ng	91
61) 4-Nitroaniline	16.12	138	981071	40.800	ng	89
62) Azobenzene	16.40	77	3950719	39.038	ng	91
64) 4,6-Dinitro-2-methylphenol	16.17	198	348571	42.421	ng	88
65) n-Nitrosodiphenylamine	16.31	169	3226466	41.384	ng	97
66) 4-Bromophenyl-phenylether	16.99	248	914861	40.978	ng	# 85
67) Hexachlorobenzene	17.11	284	1053737	40.968	ng	# 89
68) Atrazine	17.24	200	974011	40.983	ng	94
69) Pentachlorophenol	17.45	266	618609	40.157	ng	97
70) Phenanthrene	17.85	178	5763047	40.145	ng	100
71) Anthracene	17.94	178	5784485	40.675	ng	99
72) Carbazole	18.19	167	5865530	39.865	ng	96
73) Di-n-butylphthalate	18.73	149	6595125	40.362	ng	99
74) Fluoranthene	19.82	202	6355093	38.988	ng	93
76) Benzidine	19.99	184	2800245	42.686	ng	96
77) Pyrene	20.18	202	6910885	42.268	ng	98
79) Butylbenzylphthalate	21.05	149	2802375	40.304	ng	97
80) Benzo(a)anthracene	21.92	228	6633106	41.281	ng	99
81) 3,3'-Dichlorobenzidine	21.83	252	2328676	43.247	ng	# 97
82) Chrysene	21.97	228	6491824	40.681	ng	98
83) Bis(2-ethylhexyl)phthalate	21.82	149	4544448	42.140	ng	# 95
84) Di-n-octyl phthalate	22.79	149	7226118	41.400	ng	# 94
85) Indeno(1,2,3-cd)pyrene	27.01	276	8360825	40.616	ng	# 87
87) Benzo(b)fluoranthene	23.67	252	6726129	40.414	ng	# 96
88) Benzo(k)fluoranthene	23.72	252	7006508	41.988	ng	# 95
89) Benzo(a)pyrene	24.32	252	6645231	41.101	ng	# 95
90) Dibenzo(a,h)anthracene	27.02	278	6972301	41.201	ng	# 91
91) Benzo(g,h,i)perylene	27.80	276	6980386	40.586	ng	# 89

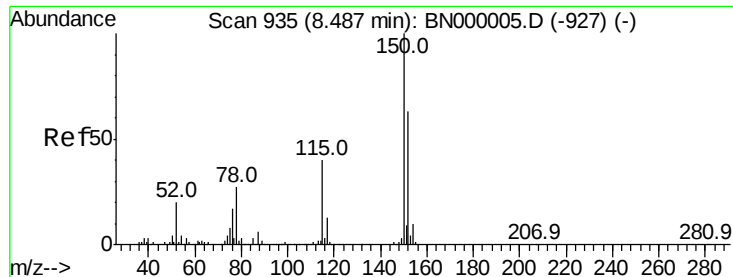
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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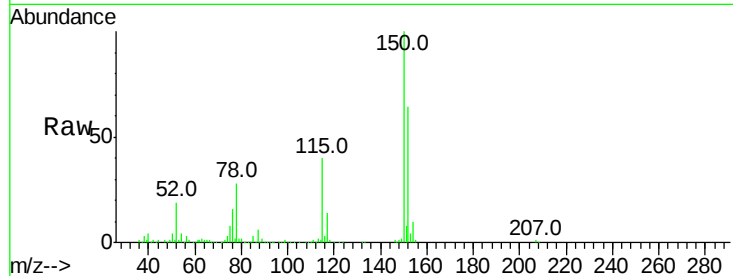


#1

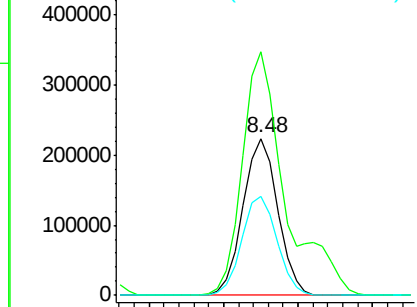
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 933
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Instrument :
BNA_N
ClientSampleId :

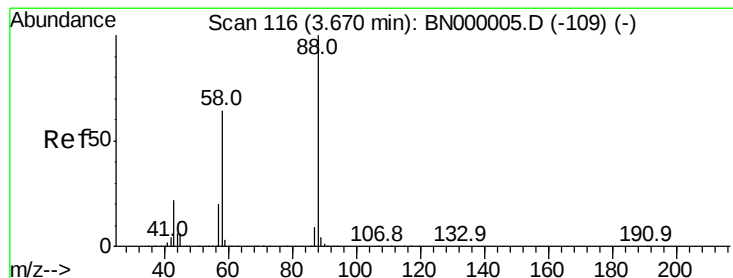
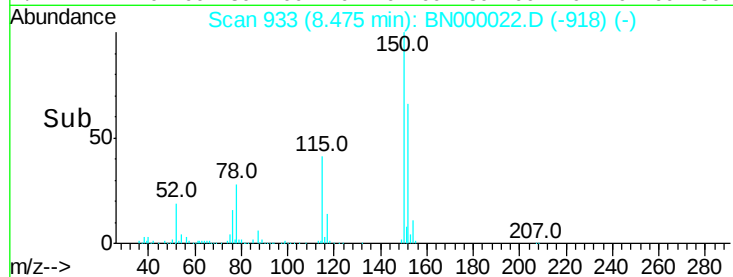
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.6	189.8
115	62.8	53.0	79.4



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



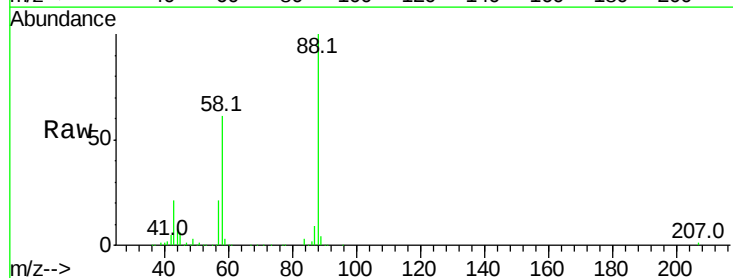
Time-->



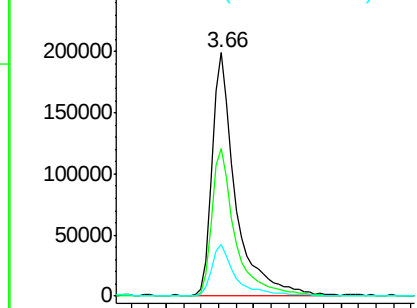
#2

1,4-Dioxane
Concen: 37.661 ng
RT: 3.66 min Scan# 115
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

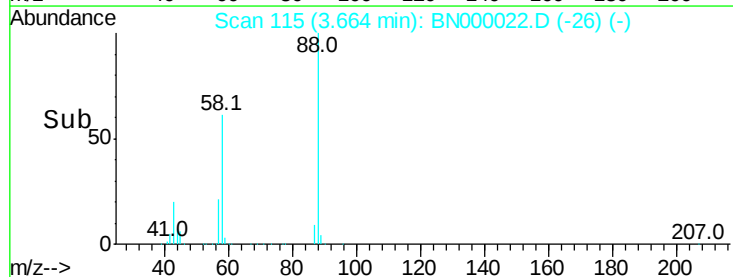
Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.8	52.0	78.0
43	21.2	20.0	30.0

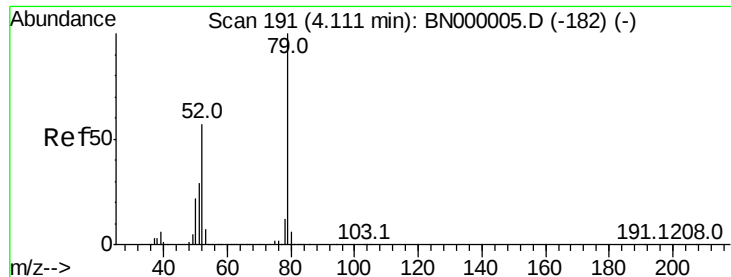


Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC



Time-->





#3

Pvridine

Concen: 40.642 ng

RT: 4.10 min Scan# 190

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

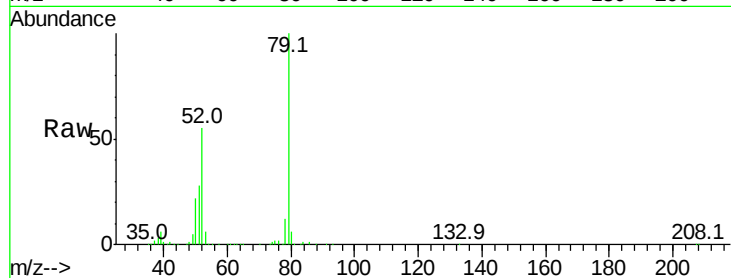
Tot Ion: 79 Resp: 1196651

Ion Ratio Lower Upper

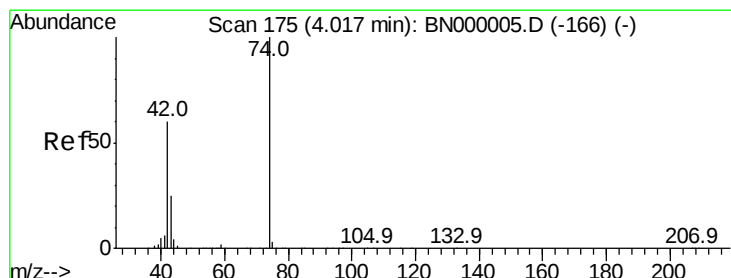
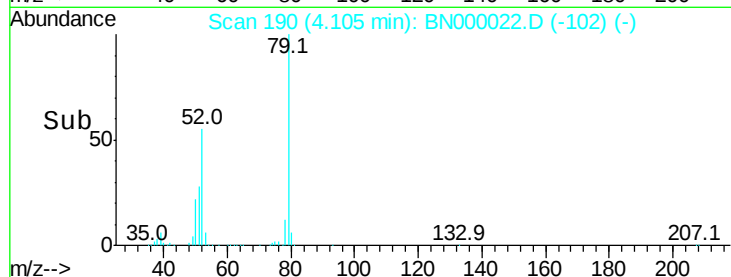
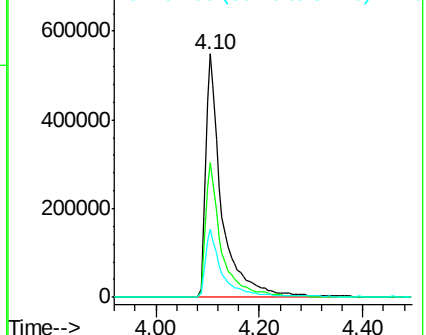
79 100

52 55.1 44.0 66.0

51 28.2 24.0 36.0



Abundance Ion 79.00 (78.70 to 79.70): BN0
Ion 52.00 (51.70 to 52.70): BN0
Ion 51.00 (50.70 to 51.70): BN0



#4

n-Nitrosodimethylamine

Concen: 38.477 ng

RT: 4.01 min Scan# 174

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

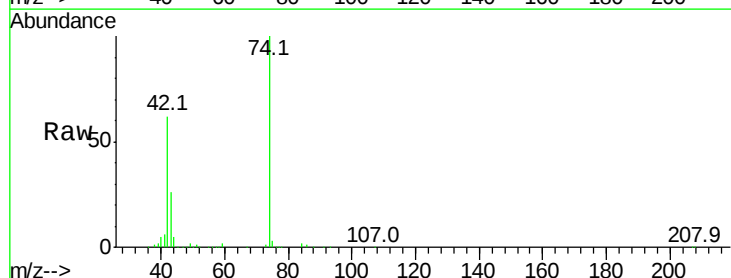
Tgt Ion: 42 Resp: 333311

Ion Ratio Lower Upper

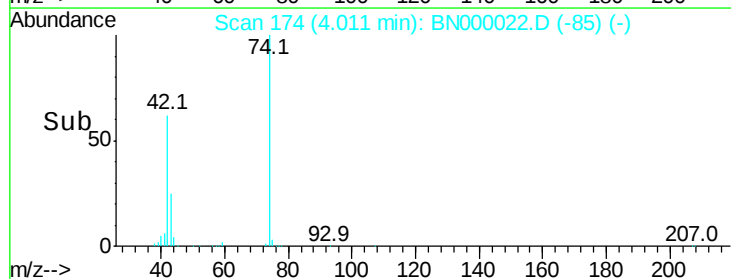
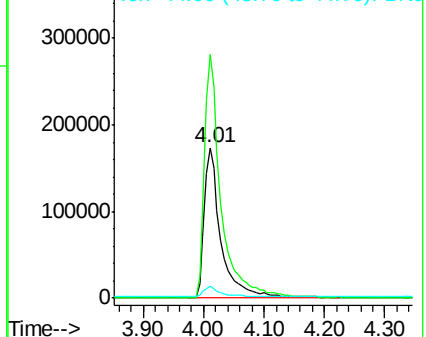
42 100

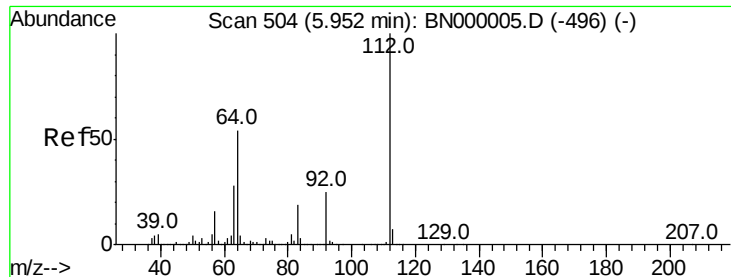
74 161.8 128.0 192.0

44 7.8 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0





#5

2-Fluorophenol

Concen: 76.799 ng

RT: 5.95 min Scan# 503

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampled :

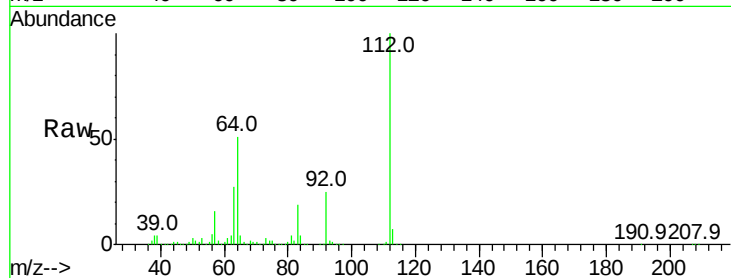
Tot Ion:112 Resp: 1884691

Ion Ratio Lower Upper

112 100

64 51.5 56.3 84.5#

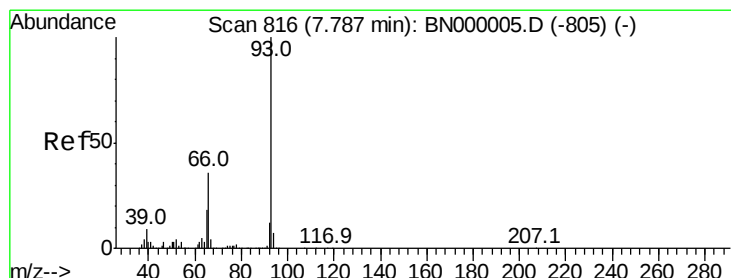
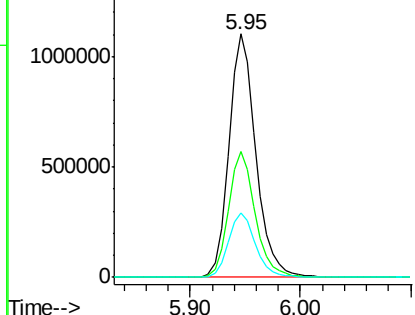
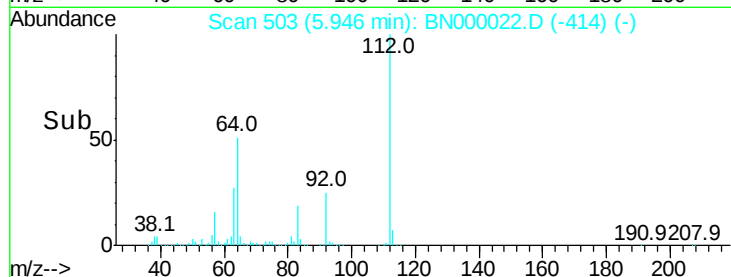
63 26.6 30.1 45.1#



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: 38.717 ng

RT: 7.78 min Scan# 814

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

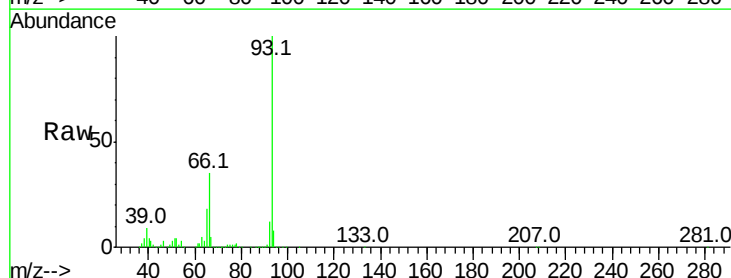
Tgt Ion: 93 Resp: 1967407

Ion Ratio Lower Upper

93 100

66 35.0 33.7 50.5

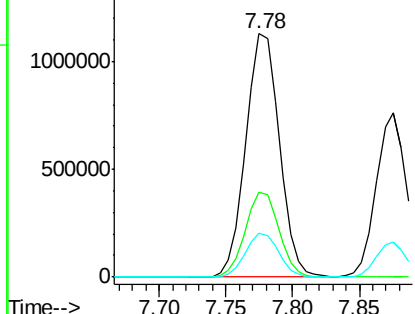
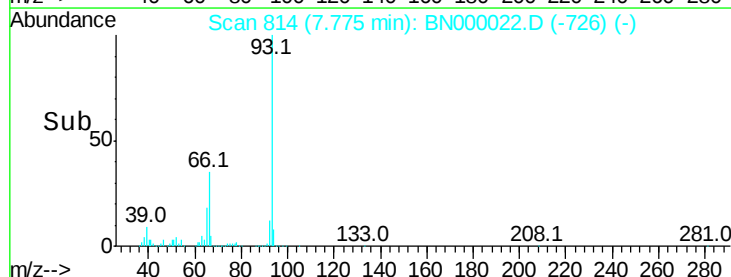
65 17.9 16.1 24.1

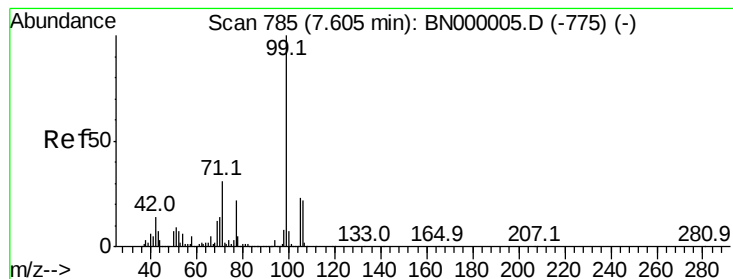


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 77.144 ng

RT: 7.59 min Scan# 783

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

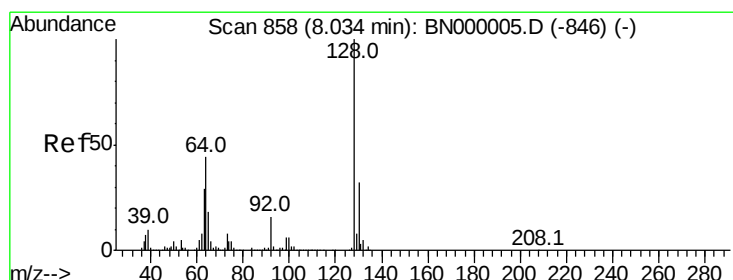
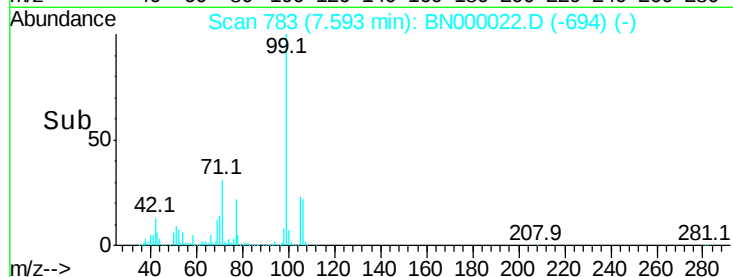
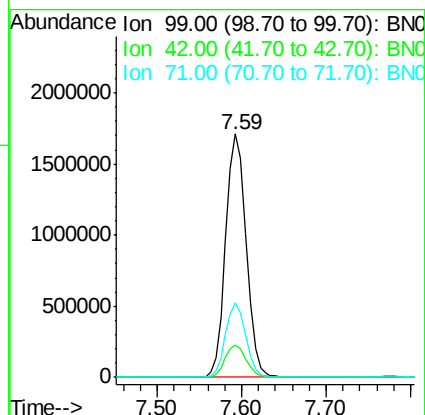
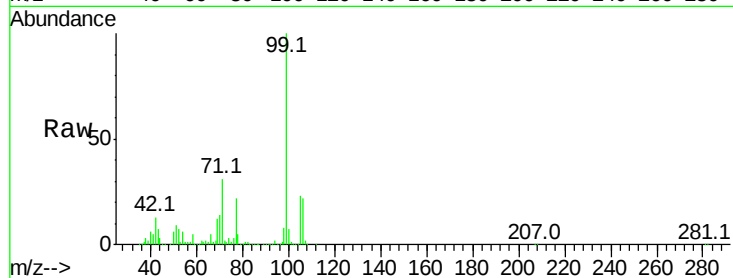
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 99 Resp: 2875630

Ion	Ratio	Lower	Upper
99	100		
42	13.2	14.1	21.1#
71	30.7	26.1	39.1



#8

2-Chlorophenol

Concen: 39.689 ng

RT: 8.02 min Scan# 856

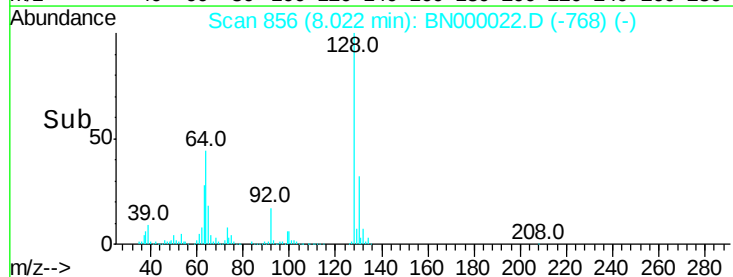
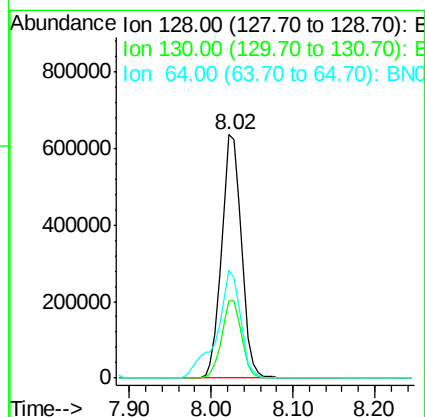
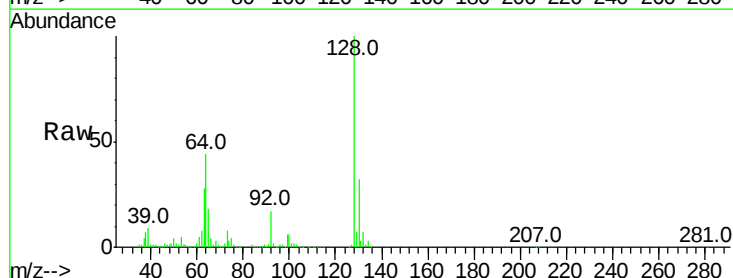
Delta R.T. -0.01 min

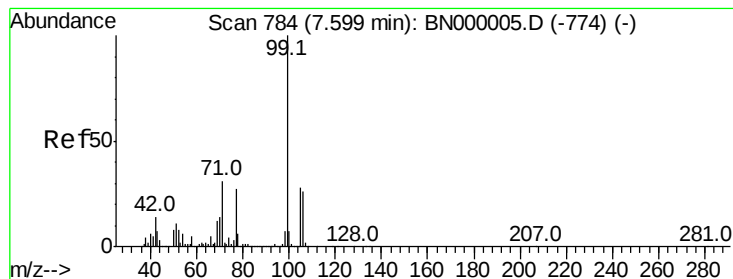
Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Tgt Ion: 128 Resp: 1077499

Ion	Ratio	Lower	Upper
128	100		
130	32.0	14.0	54.0
64	44.2	37.7	77.7





#9

Benzaldehyde

Concen: 35.431 ng

RT: 7.59 min Scan# 782

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampled :

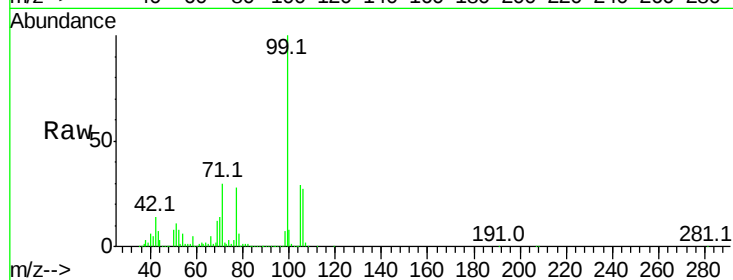
Tot Ion: 77 Resp: 699589

Ion Ratio Lower Upper

77 100

105 103.0 71.3 111.3

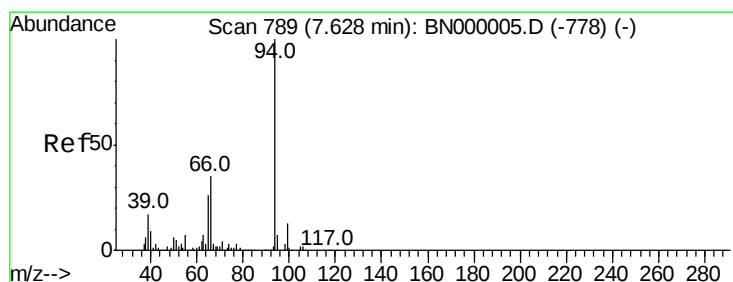
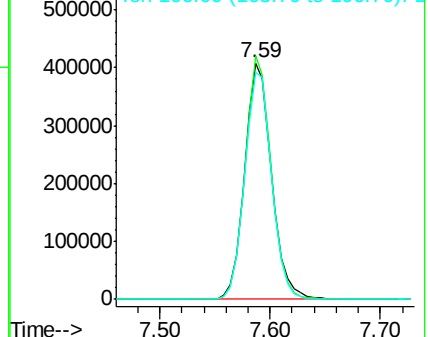
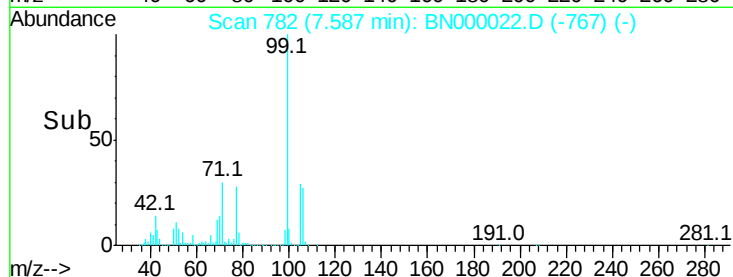
106 96.2 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 38.990 ng

RT: 7.62 min Scan# 788

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

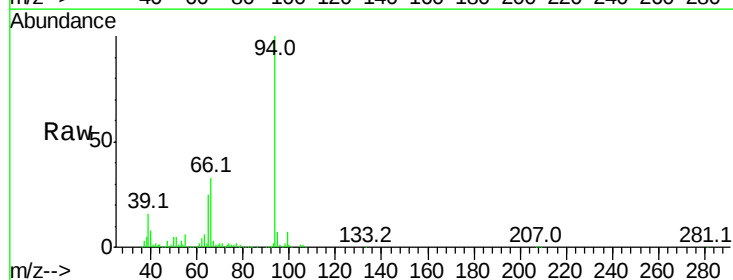
Tgt Ion: 94 Resp: 1485593

Ion Ratio Lower Upper

94 100

65 24.9 11.9 51.9

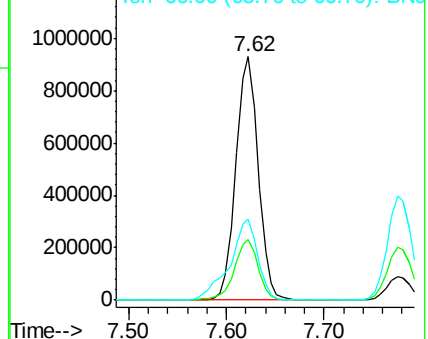
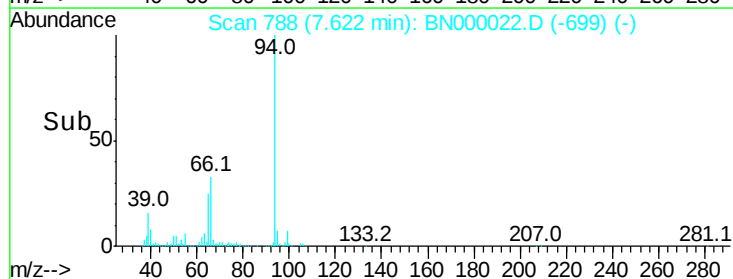
66 33.4 22.2 62.2

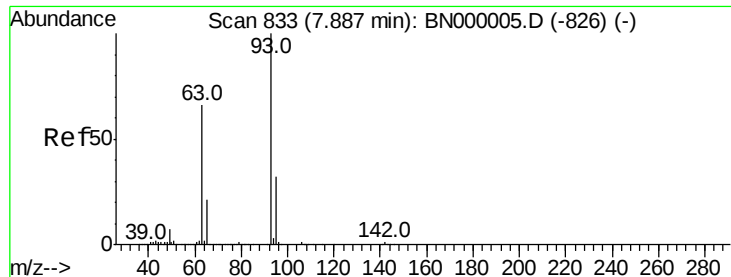


Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0





#11

bis(2-Chloroethyl)ether

Concen: 38.928 ng

RT: 7.88 min Scan# 831

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampled :

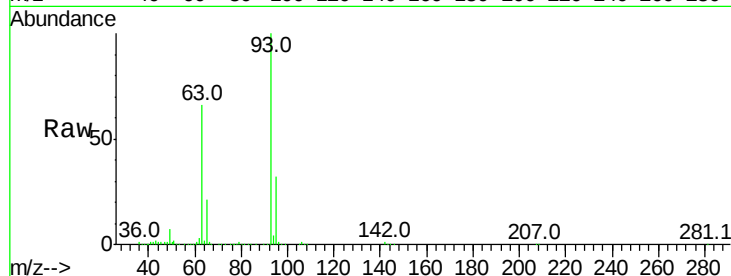
Tot Ion: 93 Resp: 1183288

Ion Ratio Lower Upper

93 100

63 66.4 67.1 107.1#

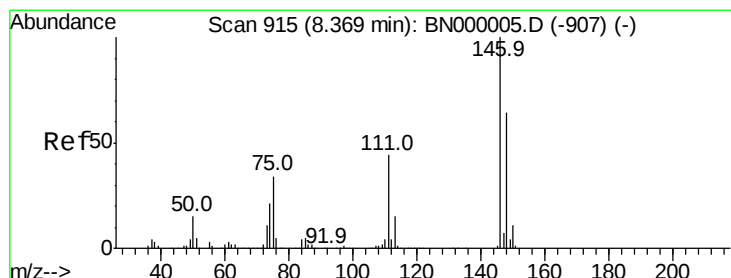
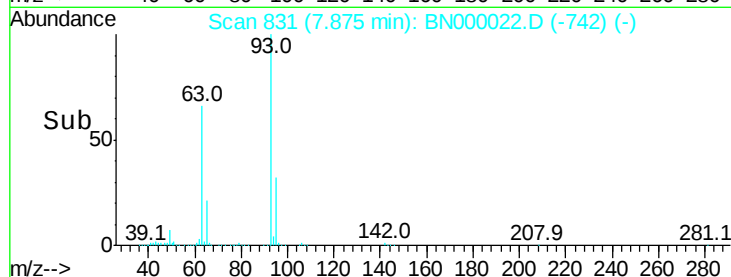
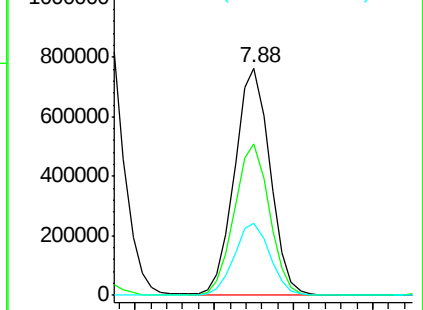
95 31.8 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BN000005.D (-826) (-)

Ion 63.00 (62.70 to 63.70): BN000005.D (-826) (-)

Ion 95.00 (94.70 to 95.70): BN000005.D (-826) (-)



#12

1,3-Dichlorobenzene

Concen: 39.752 ng

RT: 8.36 min Scan# 914

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

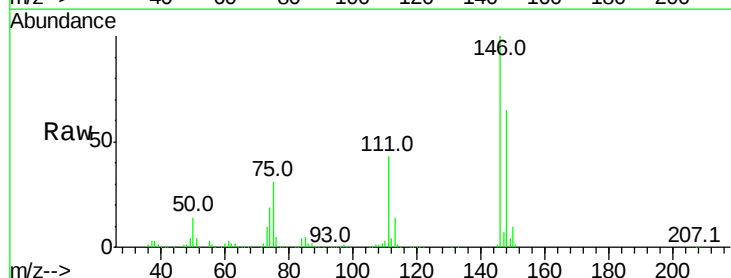
Tgt Ion: 146 Resp: 1198095

Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.2

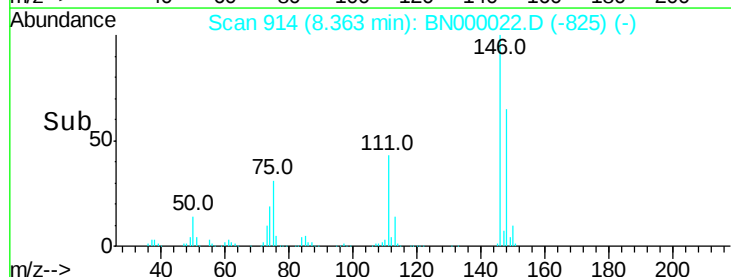
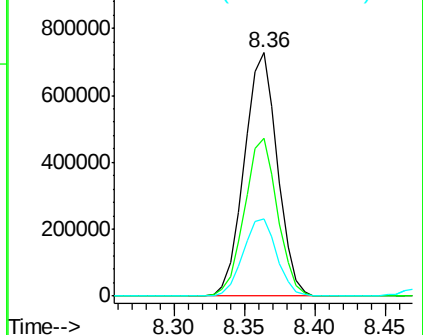
75 31.5 26.6 39.8

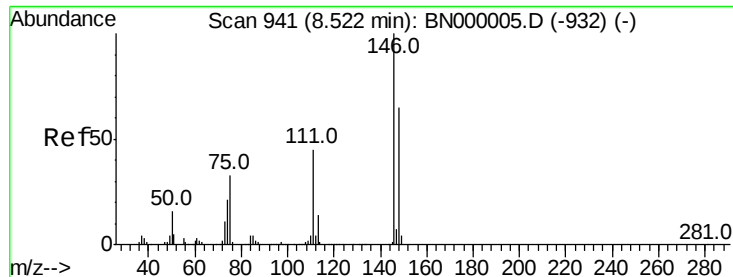


Abundance Ion 146.00 (145.70 to 146.70): BN000005.D (-907) (-)

Ion 148.00 (147.70 to 148.70): BN000005.D (-907) (-)

Ion 75.00 (74.70 to 75.70): BN000005.D (-907) (-)

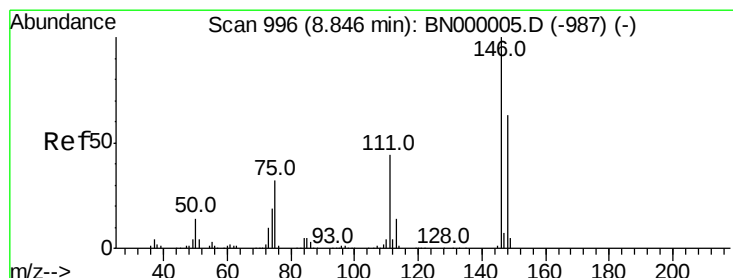
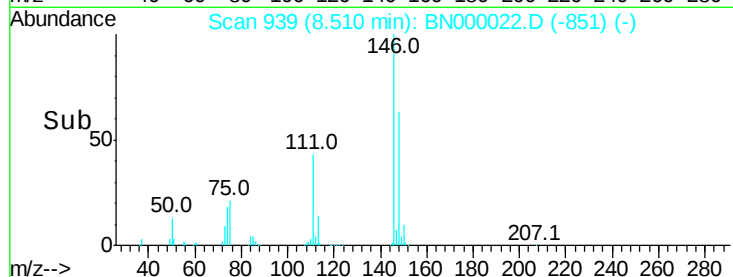
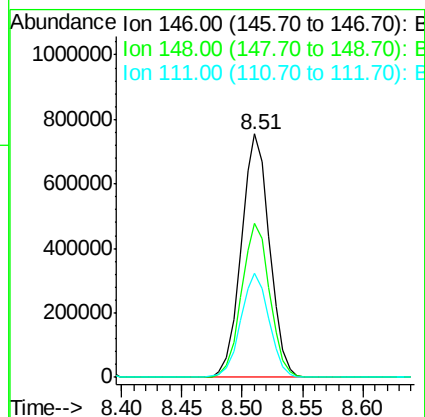
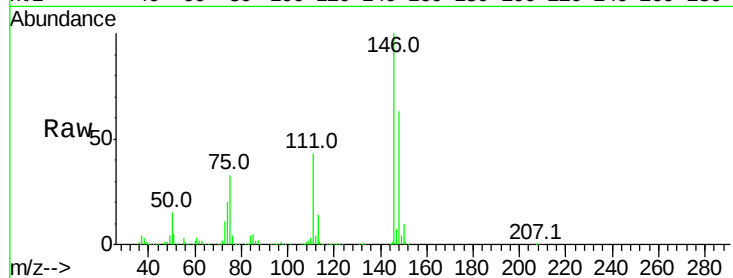




#13
 1,4-Dichlorobenzene
 Concen: 39.716 ng
 RT: 8.51 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

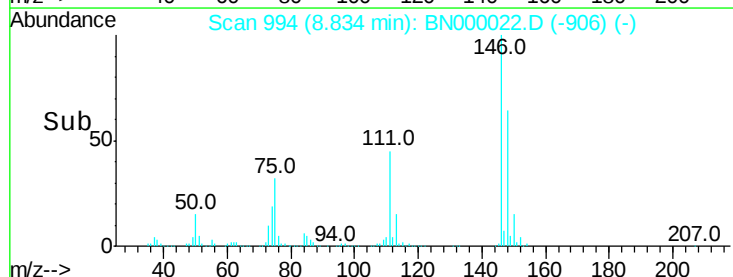
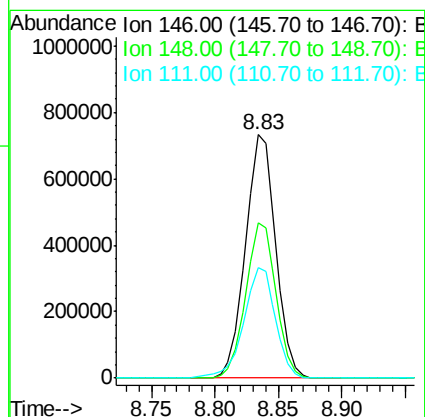
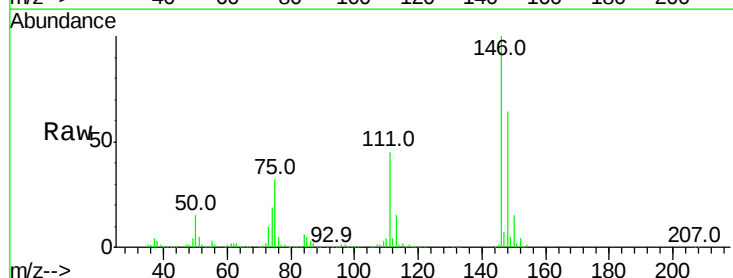
Instrument :
 BNA_N
 ClientSampled :

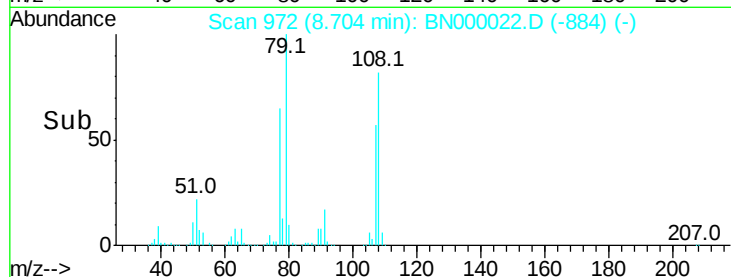
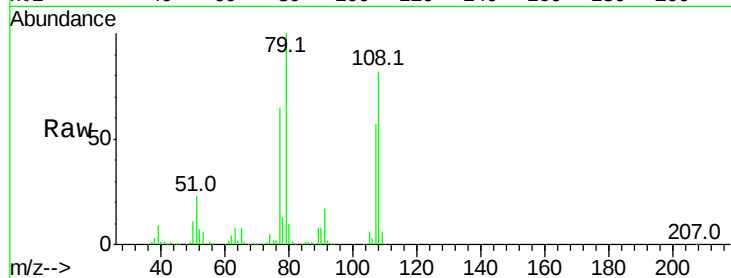
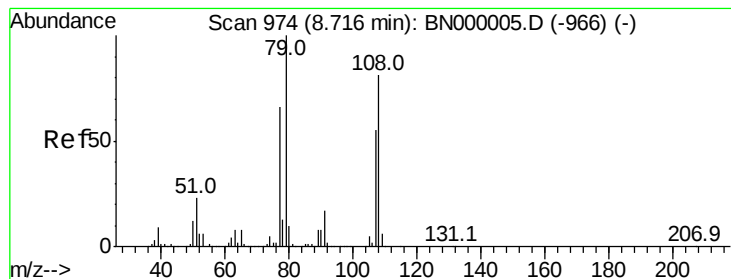
Tot Ion:146 Resp: 1229373
 Ion Ratio Lower Upper
 146 100
 148 63.1 53.7 80.5
 111 42.6 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 39.693 ng
 RT: 8.83 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Tgt Ion:146 Resp: 1213942
 Ion Ratio Lower Upper
 146 100
 148 63.6 49.3 73.9
 111 45.3 34.3 51.5





#15

Benzyl Alcohol

Concen: 36.999 ng

RT: 8.70 min Scan# 972

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampled :

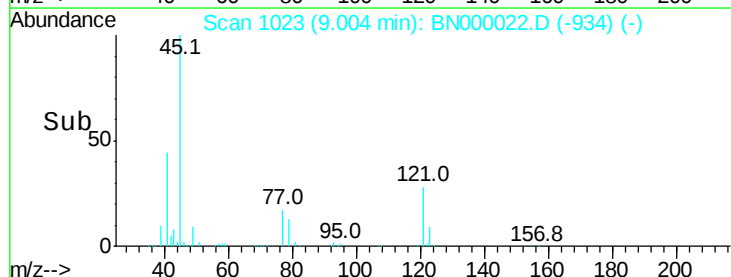
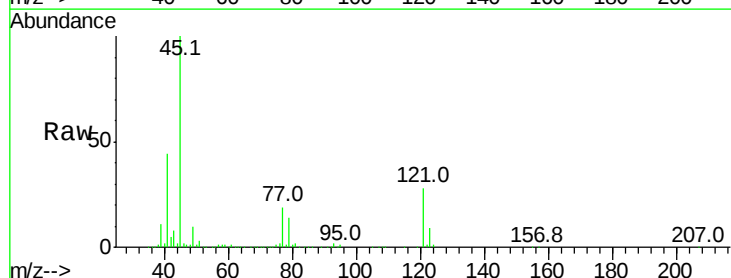
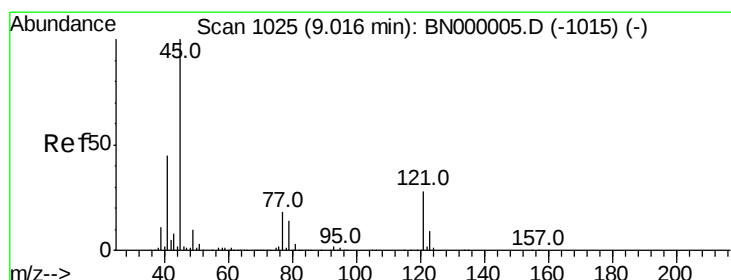
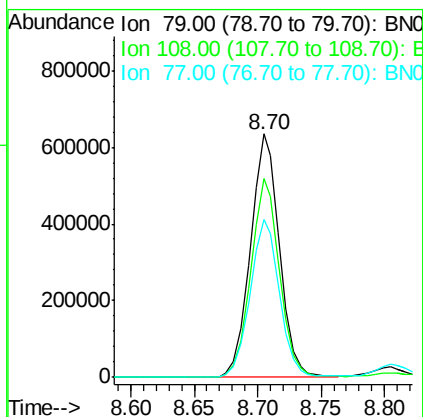
Tot Ion: 79 Resp: 1012811

Ion Ratio Lower Upper

79 100

108 81.7 57.2 85.8

77 65.0 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.969 ng

RT: 9.00 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

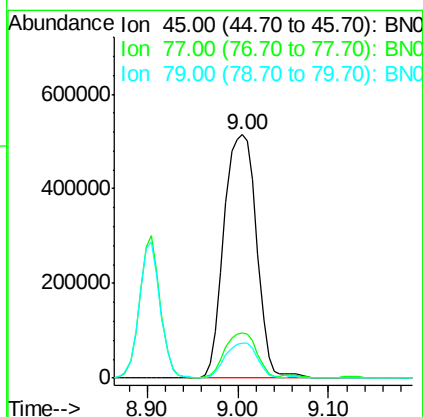
Tgt Ion: 45 Resp: 1281192

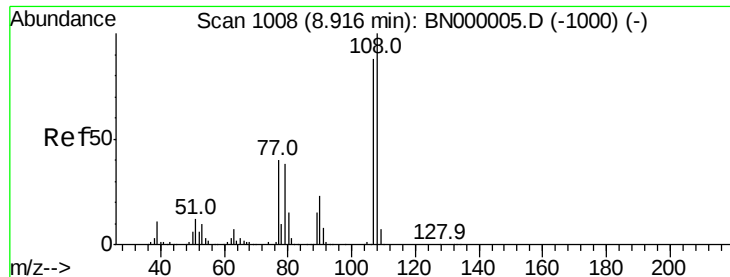
Ion Ratio Lower Upper

45 100

77 18.6 0.0 30.2

79 14.4 0.0 27.9





#17

2-Methylphenol

Concen: 39.019 ng

RT: 8.90 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

Tot Ion:107 Resp: 1072042

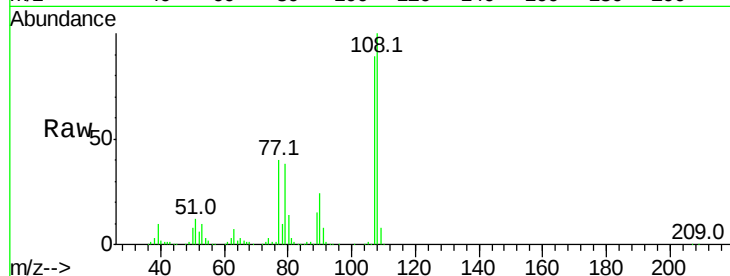
Ion Ratio Lower Upper

107 100

108 112.3 83.9 125.9

77 45.0 37.2 55.8

79 42.7 36.2 54.2

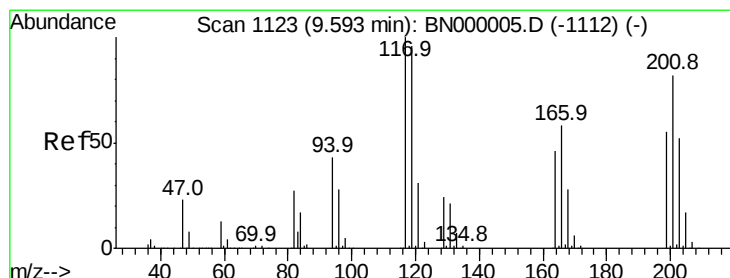
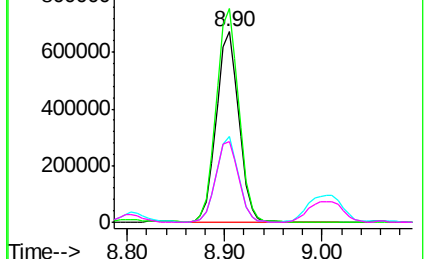
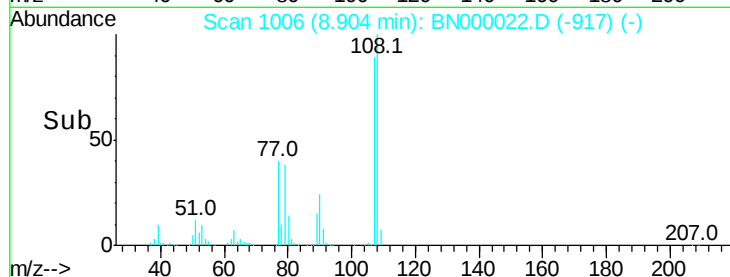


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.032 ng

RT: 9.58 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

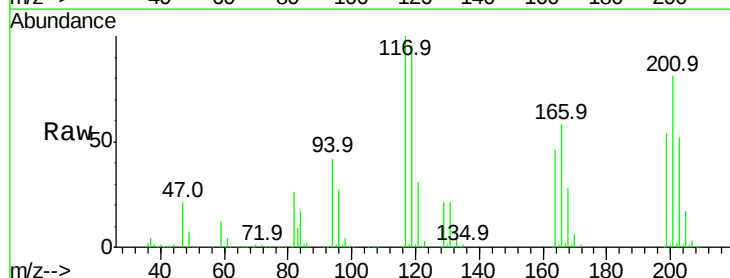
Tgt Ion:117 Resp: 424936

Ion Ratio Lower Upper

117 100

119 95.8 76.7 115.1

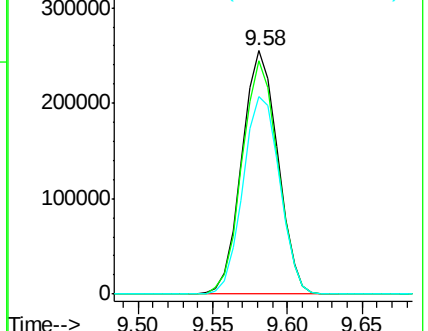
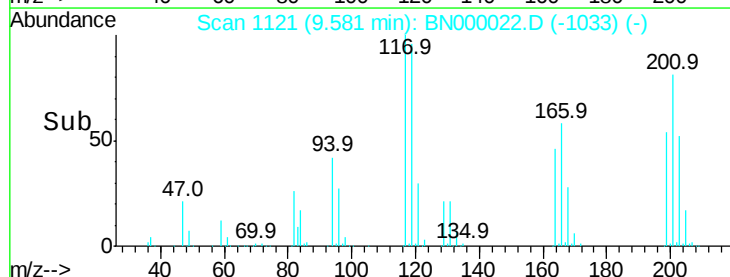
201 81.3 95.7 143.5#

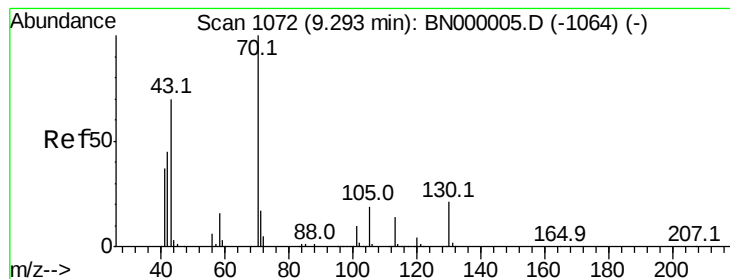


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.384 ng

RT: 9.28 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 939063

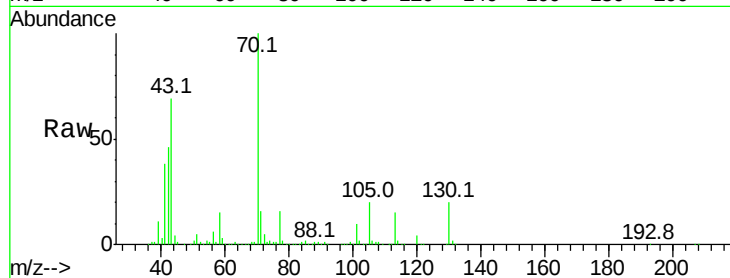
Ion Ratio Lower Upper

70 100

42 45.6 49.1 73.7#

101 10.2 8.5 12.7

130 20.5 13.4 20.0#

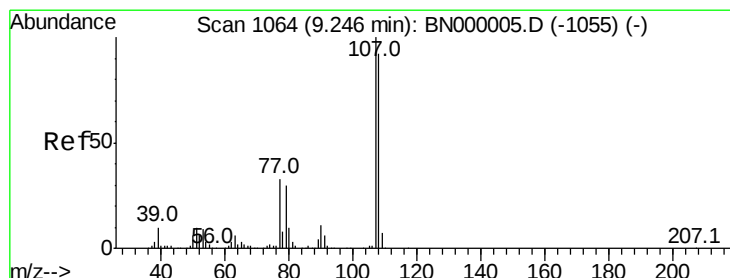
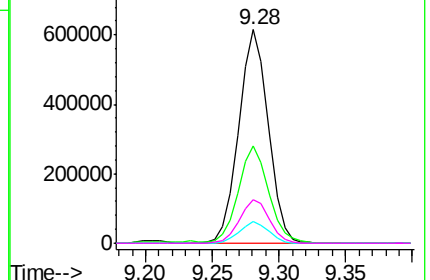
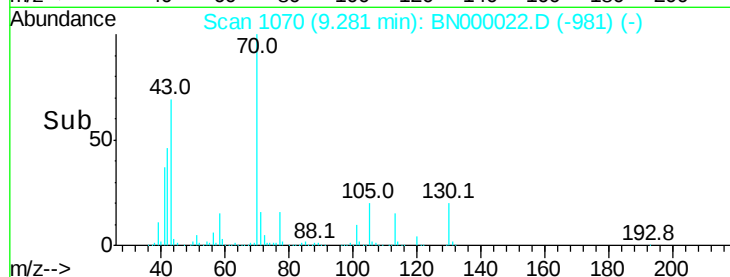


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): BN0

Ion 130.00 (129.70 to 130.70): BN0



#20

3+4-Methylphenols

Concen: 38.661 ng

RT: 9.23 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Tgt Ion: 107 Resp: 1487733

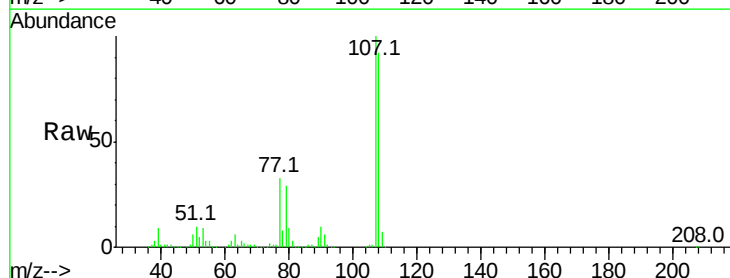
Ion Ratio Lower Upper

107 100

108 92.2 61.6 101.6

77 32.8 13.9 53.9

79 28.5 8.8 48.8

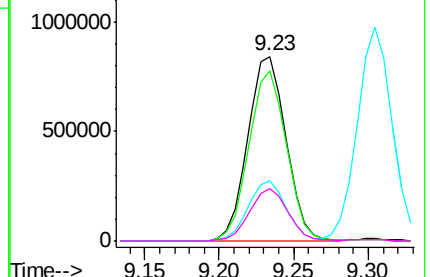
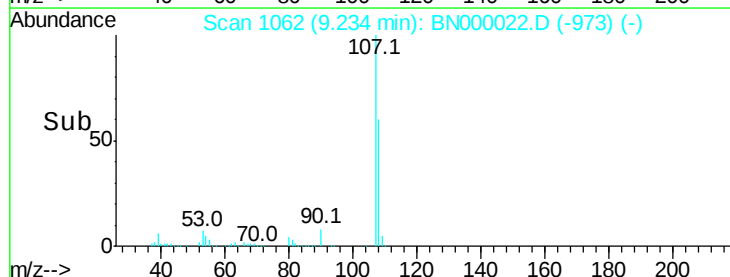


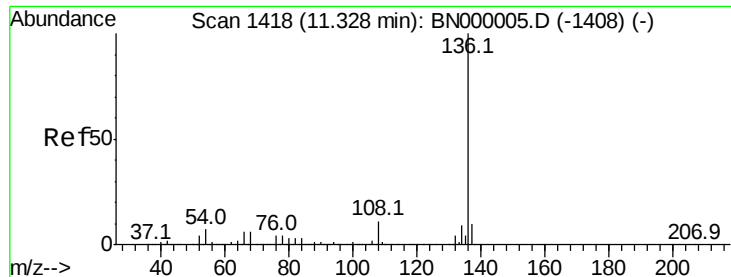
Abundance Ion 107.00 (106.70 to 107.70): BN0

Ion 108.00 (107.70 to 108.70): BN0

Ion 77.00 (76.70 to 77.70): BN0

Ion 79.00 (78.70 to 79.70): BN0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.32 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

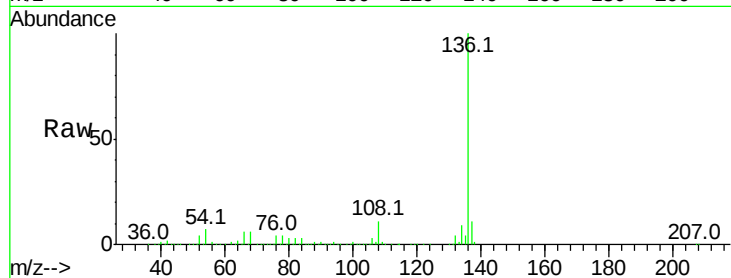
BNA_N

ClientSampleId :

Tot Ion:136 Resp: 1817003

Ion Ratio Lower Upper

136	100		
137	11.1	9.2	13.8
54	6.6	10.3	15.5#
68	6.3	4.5	6.7

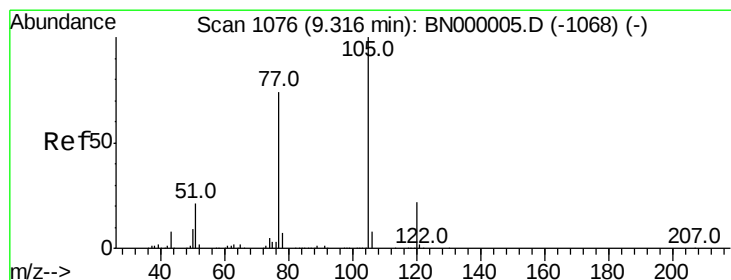
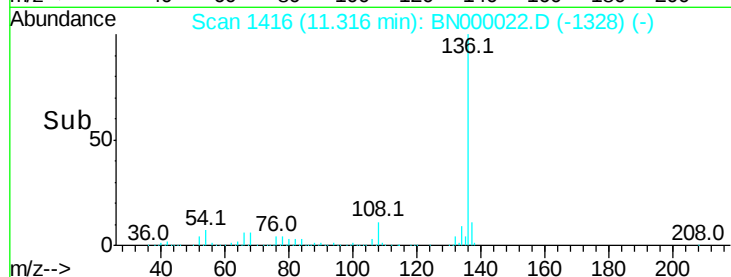
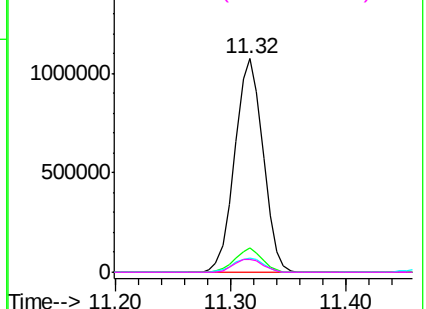


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#22

Acetophenone

Concen: 39.284 ng

RT: 9.30 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Tgt Ion:105 Resp: 2108228

Ion Ratio Lower Upper

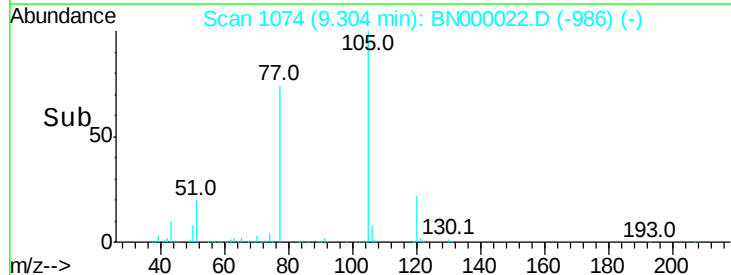
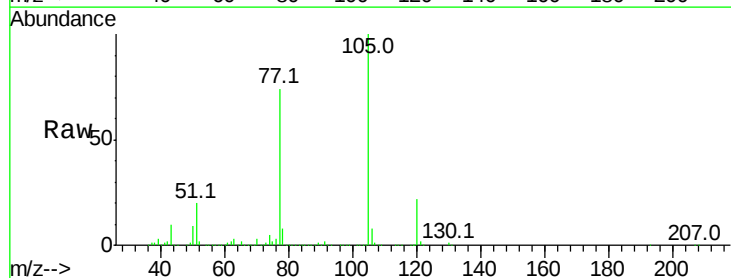
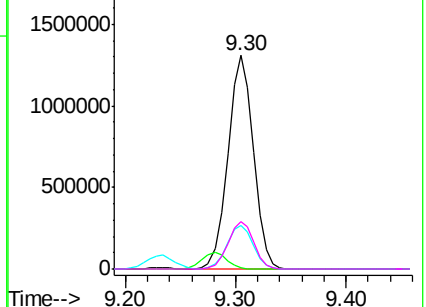
105	100		
71	0.5	3.0	4.4#
51	20.5	26.1	39.1#
120	22.3	17.4	26.2

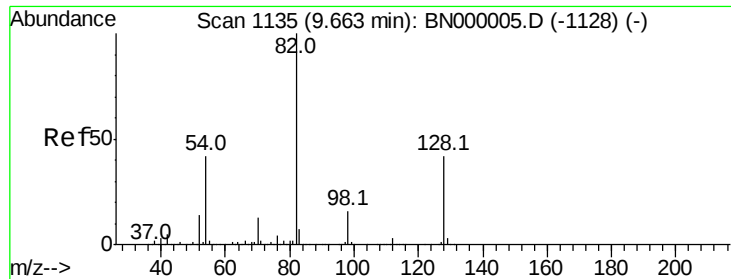
Abundance Ion 105.00 (104.70 to 105.70): E

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

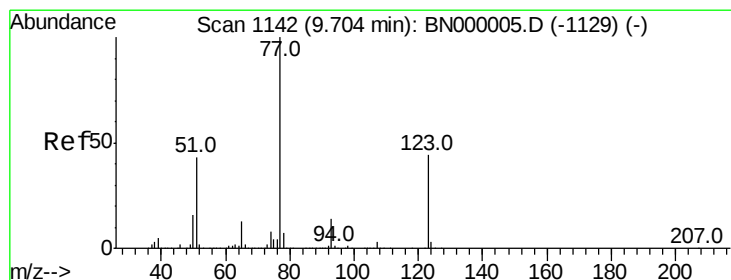
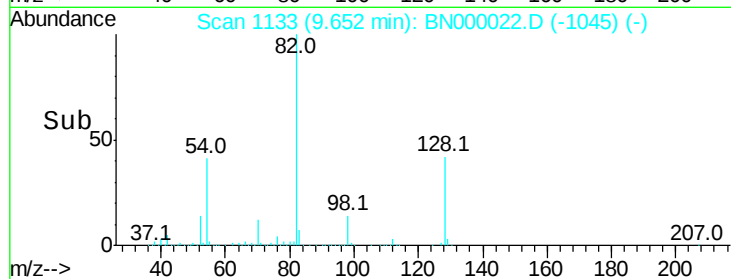
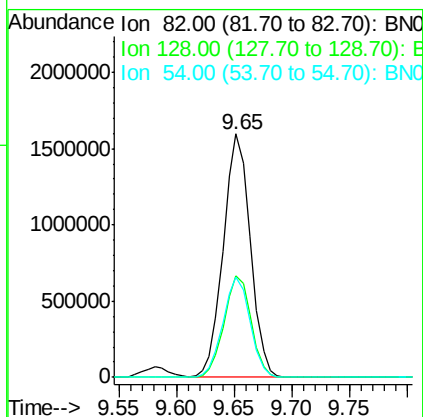
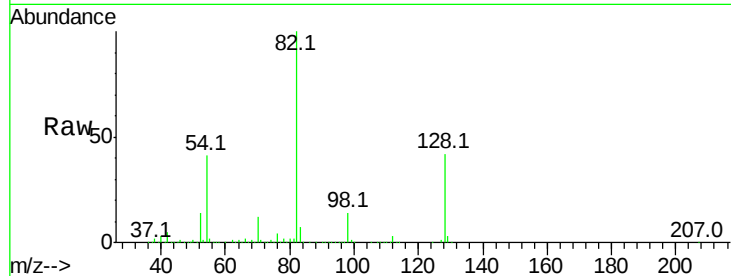




#23
 Nitrobenzene-d5
 Concen: 85.958 ng
 RT: 9.65 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

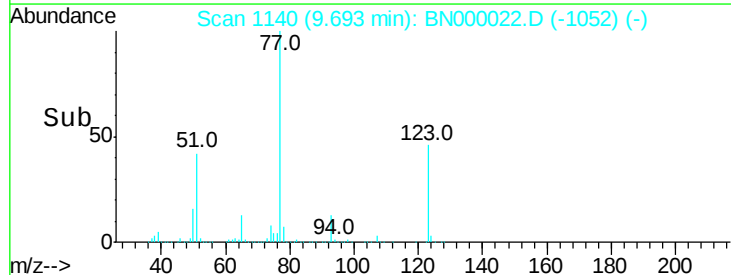
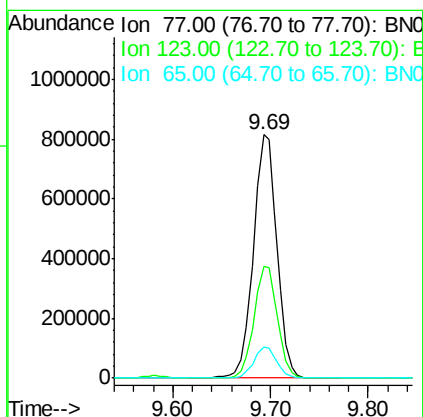
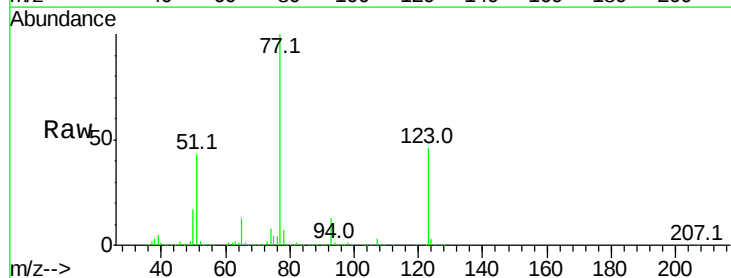
Instrument :
 BNA_N
 ClientSampleId :

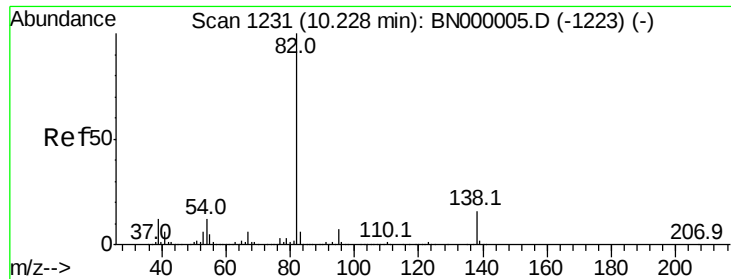
Tot Ion: 82 Resp: 2582916
 Ion Ratio Lower Upper
 82 100
 128 41.8 29.7 44.5
 54 40.9 43.1 64.7#



#24
 Nitrobenzene
 Concen: 42.881 ng
 RT: 9.69 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Tgt Ion: 77 Resp: 1382034
 Ion Ratio Lower Upper
 77 100
 123 45.7 33.0 49.6
 65 12.8 13.0 19.6#





#25

Isophorone

Concen: 37.517 ng

RT: 10.22 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

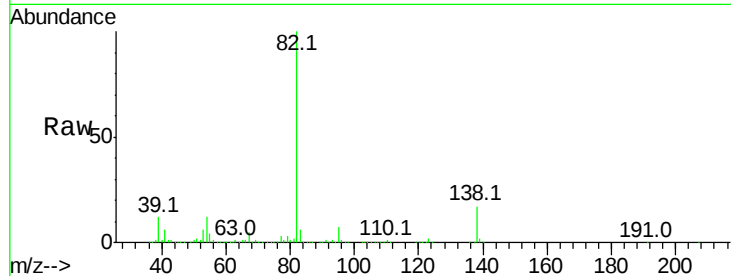
Tot Ion: 82 Resp: 2670330

Ion	Ratio	Lower	Upper
82	100		
95	6.8	6.2	9.2
138	16.7	12.1	18.1

82 100

95 6.8 6.2 9.2

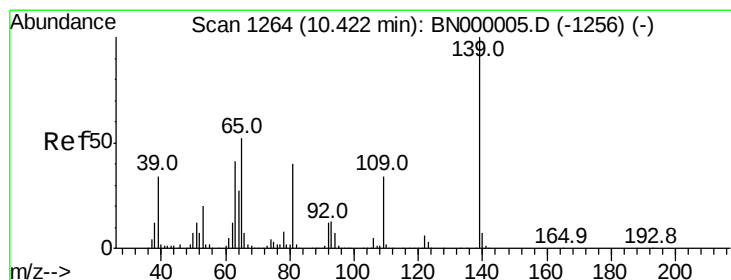
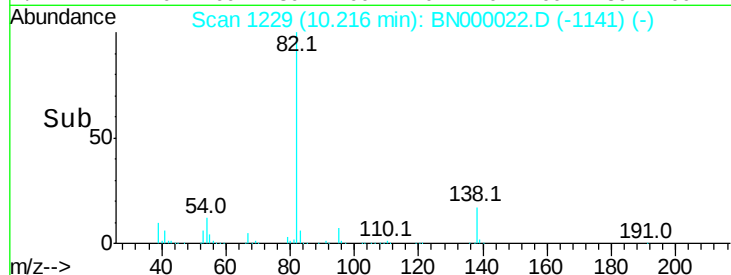
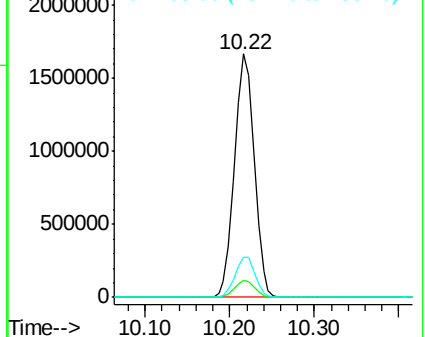
138 16.7 12.1 18.1



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: 40.669 ng

RT: 10.41 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

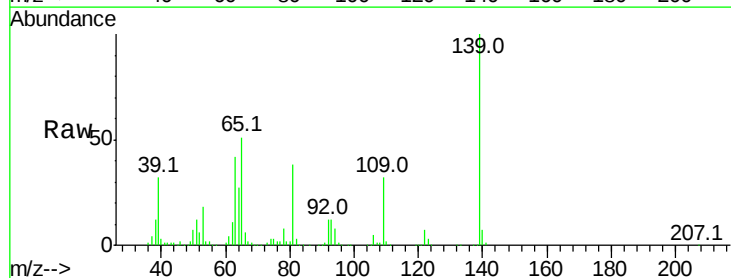
Tgt Ion: 139 Resp: 432147

Ion	Ratio	Lower	Upper
139	100		
109	32.3	24.2	36.2
65	50.5	47.4	71.0

139 100

109 32.3 24.2 36.2

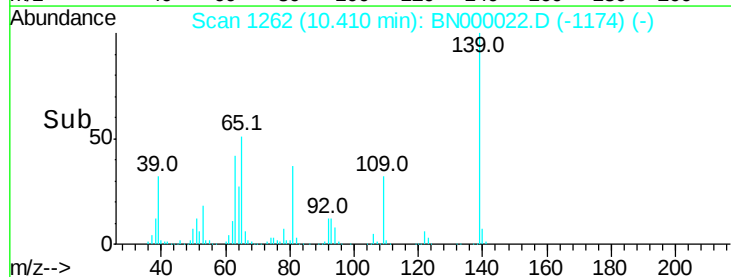
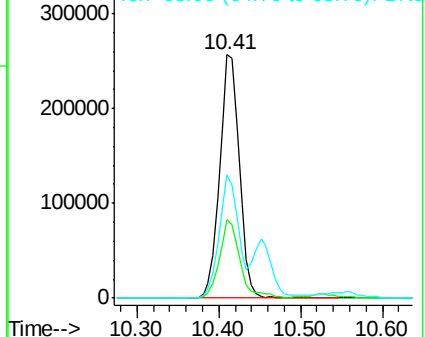
65 50.5 47.4 71.0

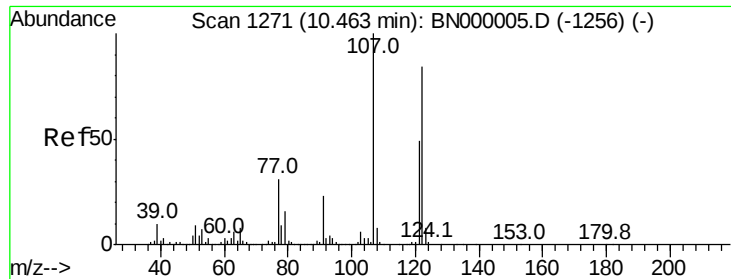


Abundance Ion 139.00 (138.70 to 139.70): BN000005.D (-1256) (-)

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

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

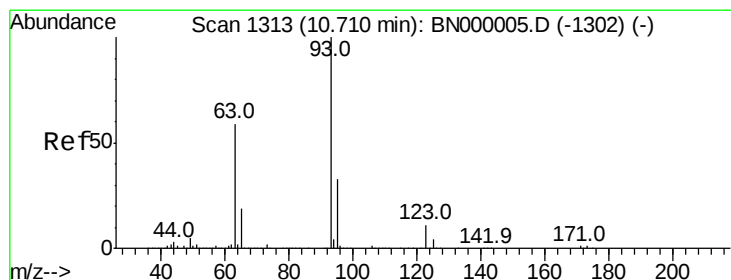
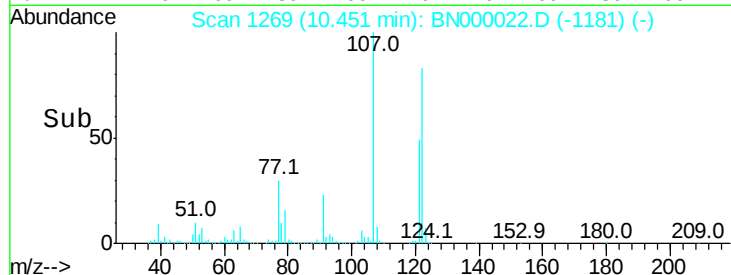
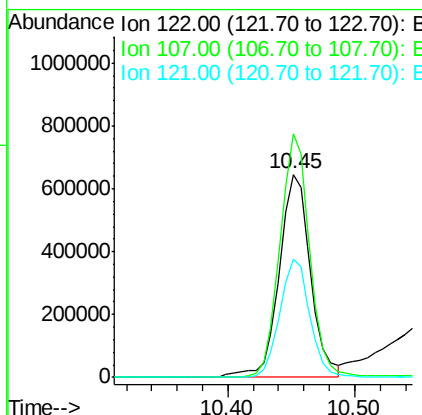
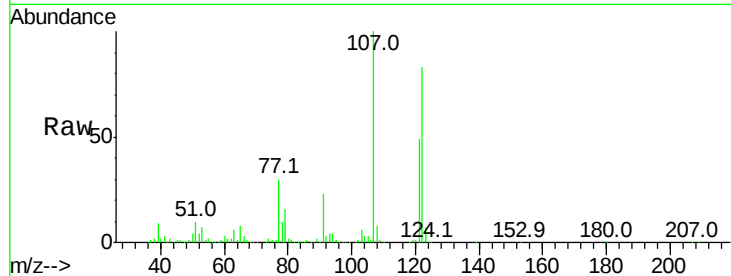




#27
 2,4-Dimethylphenol
 Concen: 38.019 ng
 RT: 10.45 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

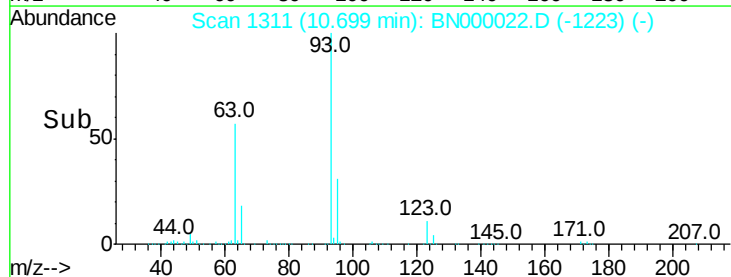
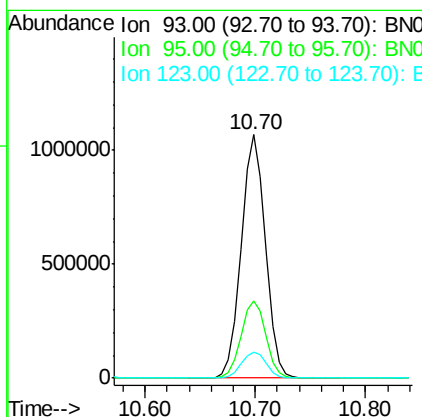
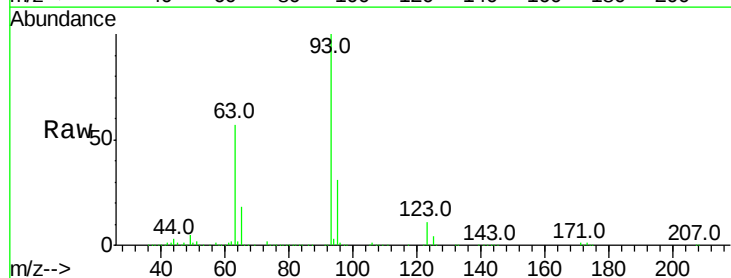
Instrument :
 BNA_N
 ClientSampleId :

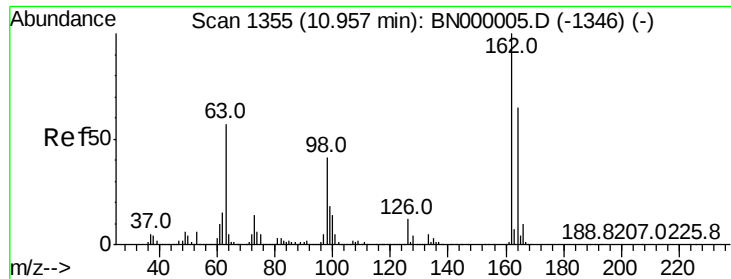
Tot Ion:122 Resp: 1109555
 Ion Ratio Lower Upper
 122 100
 107 120.0 100.2 150.2
 121 58.5 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.987 ng
 RT: 10.70 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Tgt Ion: 93 Resp: 1641655
 Ion Ratio Lower Upper
 93 100
 95 31.5 24.3 36.5
 123 10.9 8.4 12.6

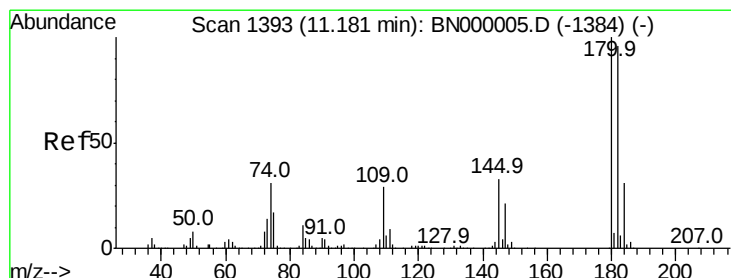
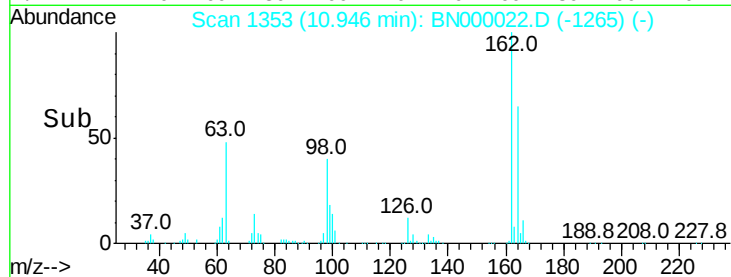
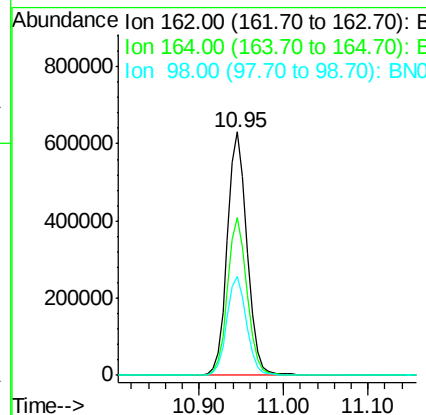
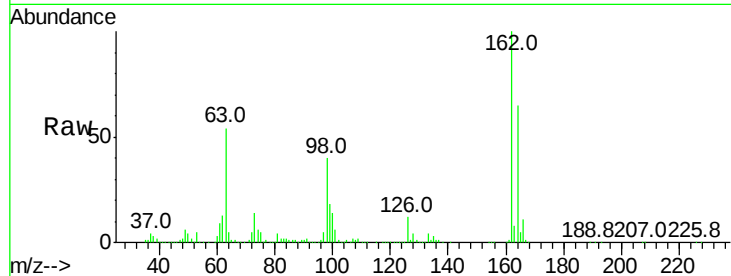




#29
2,4-Dichlorophenol
Concen: 40.807 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

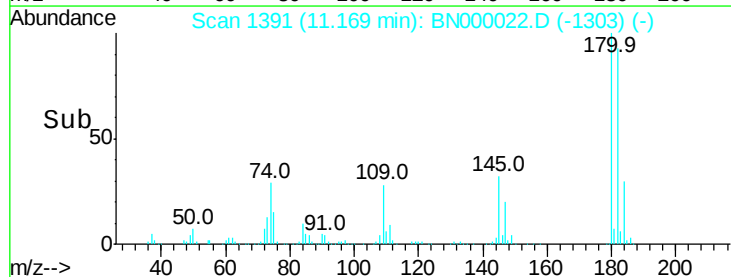
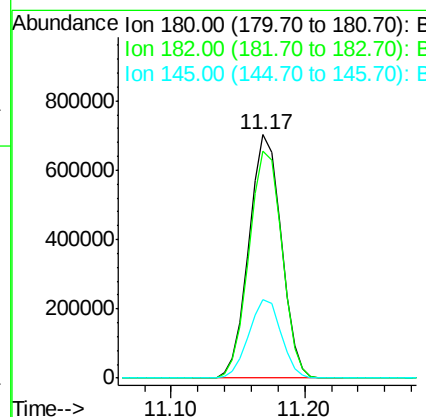
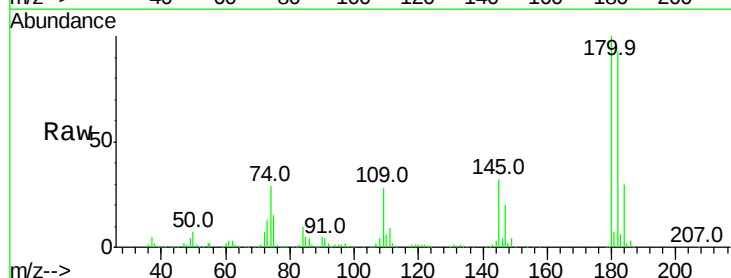
Instrument :
BNA_N
ClientSampled :

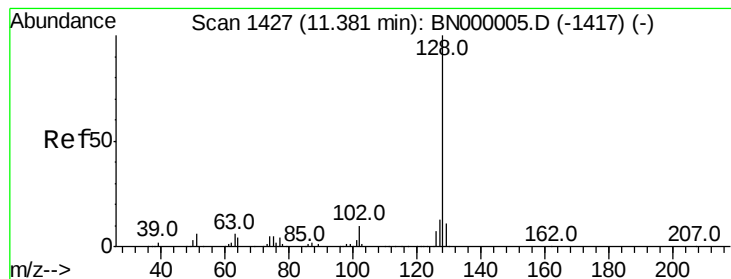
Tot Ion:162 Resp: 1021855
Ion Ratio Lower Upper
162 100
164 64.6 48.0 88.0
98 40.5 21.1 61.1



#30
1,2,4-Trichlorobenzene
Concen: 40.010 ng
RT: 11.17 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion:180 Resp: 1173215
Ion Ratio Lower Upper
180 100
182 93.4 77.5 116.3
145 32.4 23.4 35.2





#31

Naphthalene

Concen: 39.703 ng

RT: 11.37 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

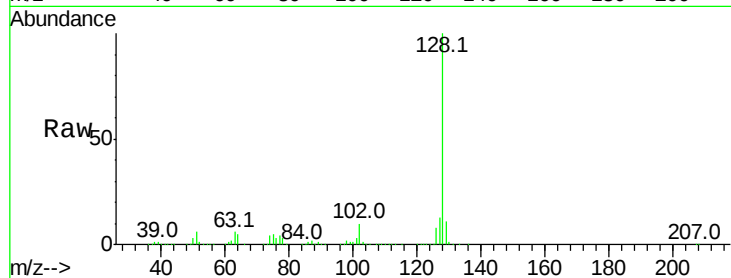
Tot Ion:128 Resp: 4045960

Ion Ratio Lower Upper

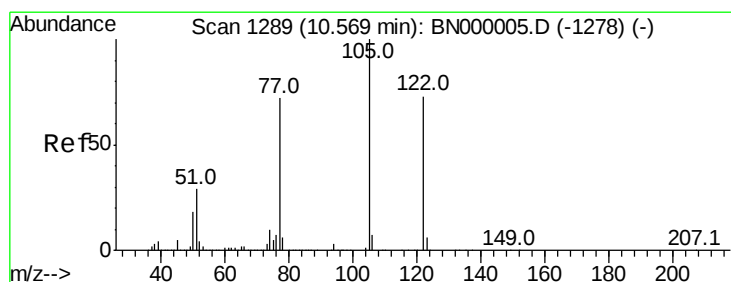
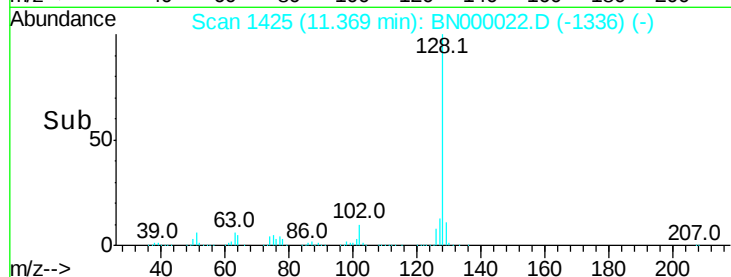
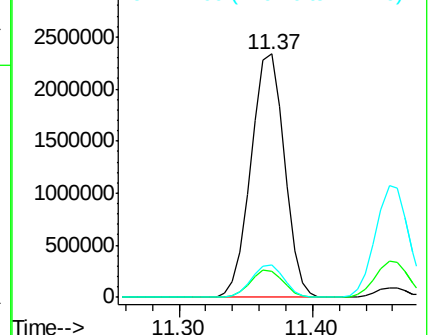
128 100

129 10.8 8.6 12.8

127 13.1 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: 38.721 ng

RT: 10.56 min Scan# 1287

Delta R.T. 0.02 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

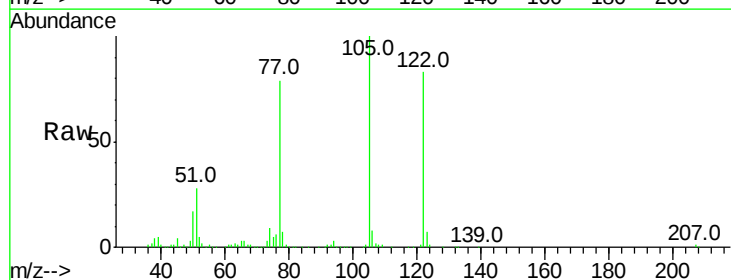
Tgt Ion:122 Resp: 600315

Ion Ratio Lower Upper

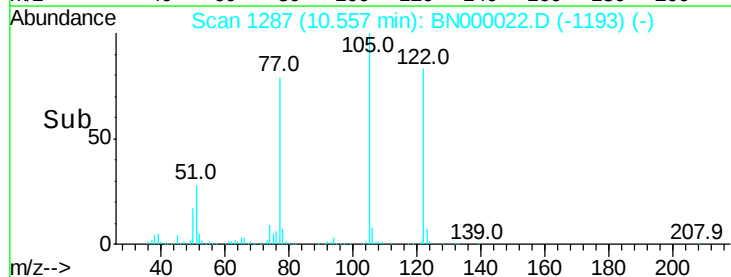
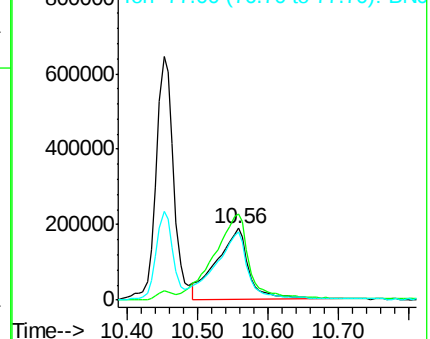
122 100

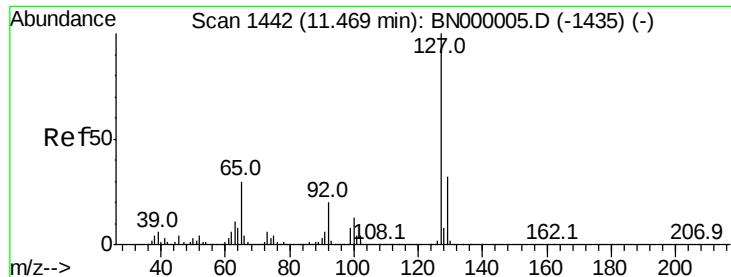
105 120.7 123.5 163.5#

77 94.9 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



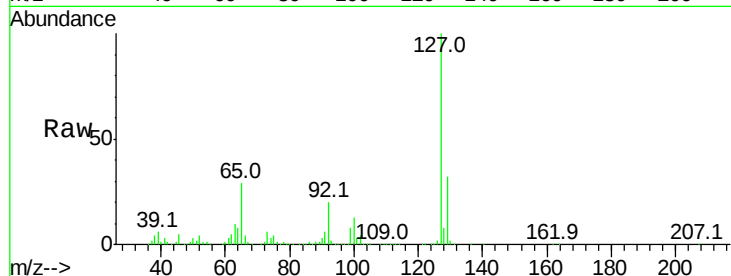


#33
4-Chloroaniline
Concen: 39.335 ng
RT: 11.46 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Instrument :
BNA_N
ClientSampleId :

Tot Ion:127 Resp: 1858369

Ion	Ratio	Lower	Upper
127	100		
129	32.5	24.0	36.0
65	28.8	27.0	40.4
92	19.6	16.6	25.0

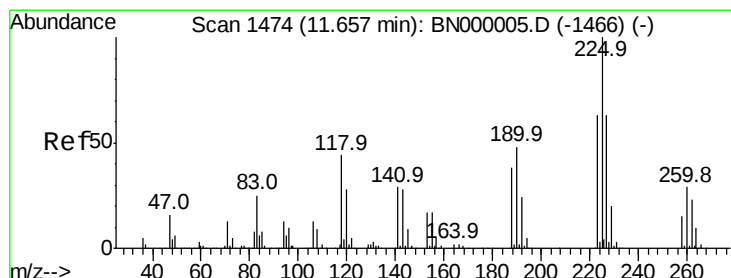
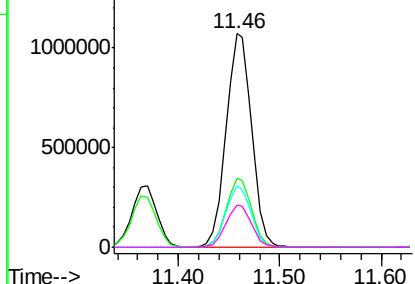
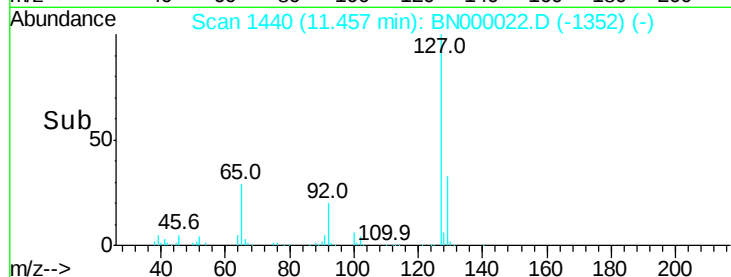


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BNC

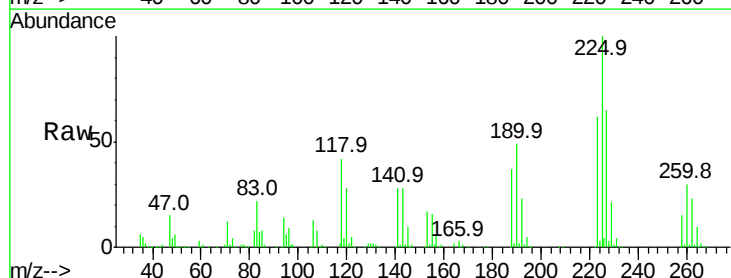
Ion 92.00 (91.70 to 92.70): BNC



#34
Hexachlorobutadiene
Concen: 40.412 ng
RT: 11.65 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion:225 Resp: 603719

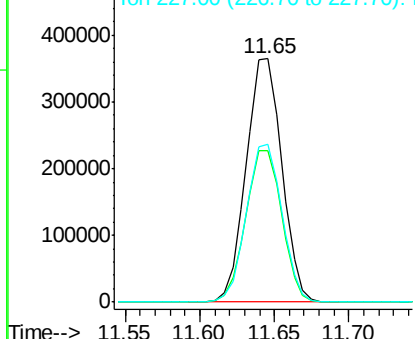
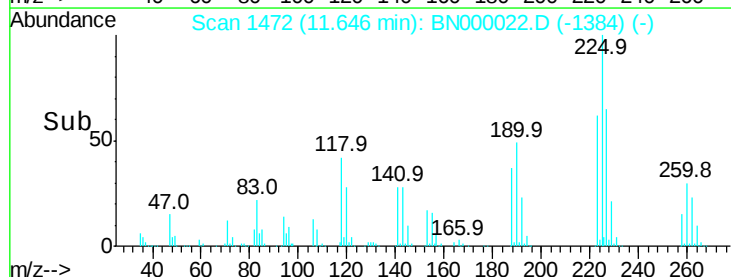
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.7	74.5
227	64.6	48.1	72.1

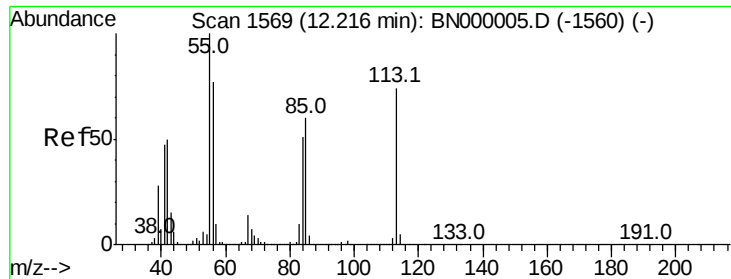


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.450 ng

RT: 12.21 min Scan# 1568

Delta R.T. 0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

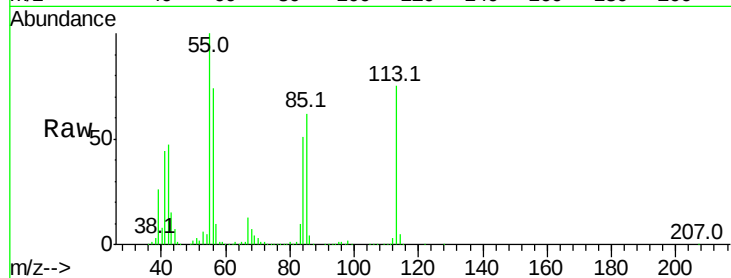
Tot Ion:113 Resp: 427973

Ion Ratio Lower Upper

113 100

55 132.5 120.0 160.0

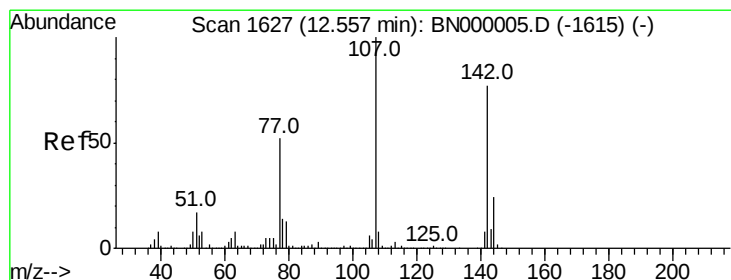
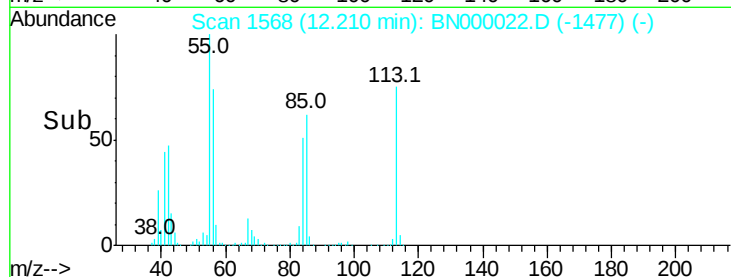
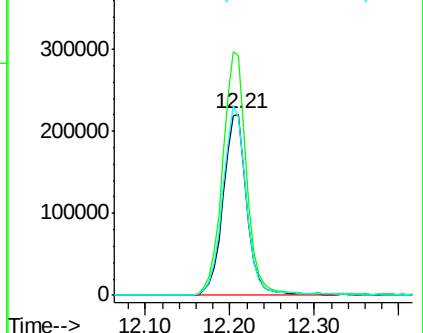
56 98.3 90.0 130.0



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: 38.830 ng

RT: 12.55 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

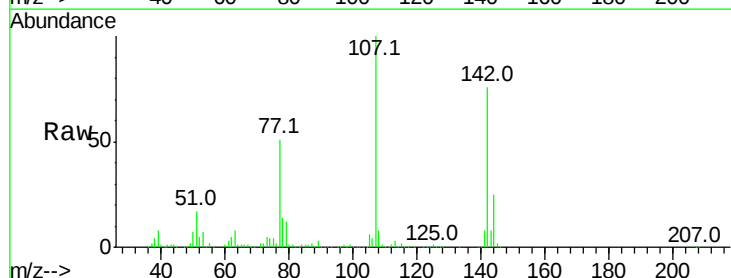
Tgt Ion:107 Resp: 1322110

Ion Ratio Lower Upper

107 100

144 25.3 18.2 27.4

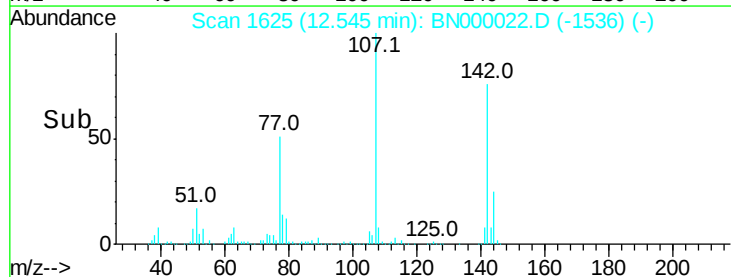
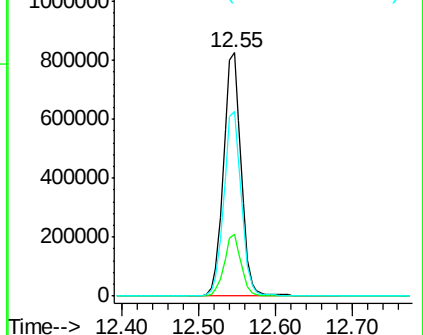
142 76.1 59.0 88.4

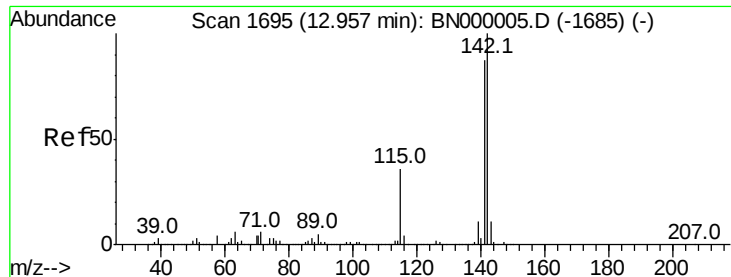


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

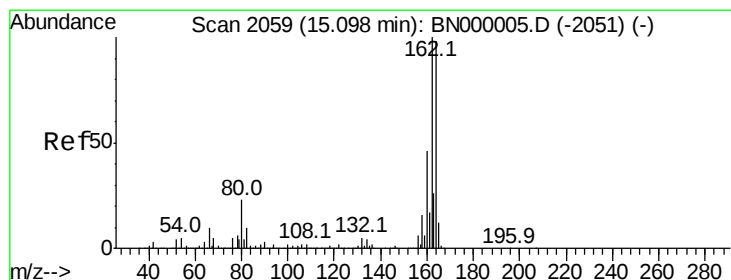
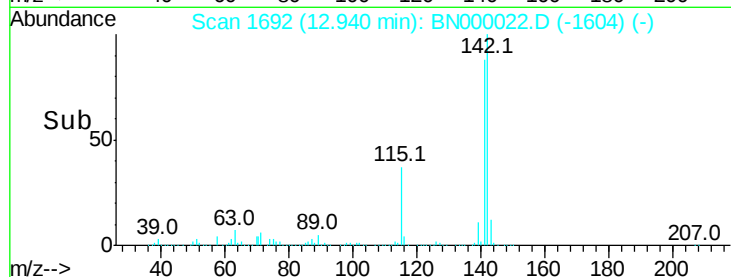
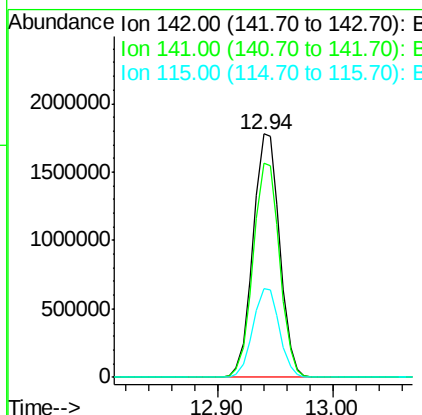
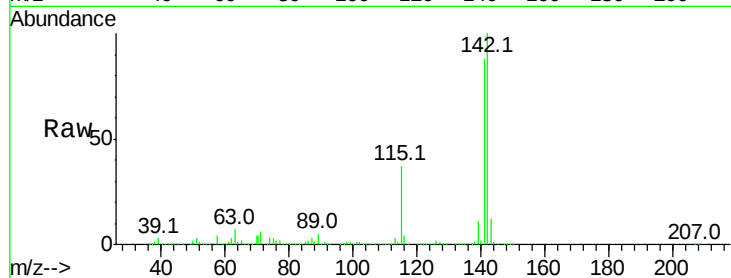




#37
2-Methylnaphthalene
Concen: 39.721 ng
RT: 12.94 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

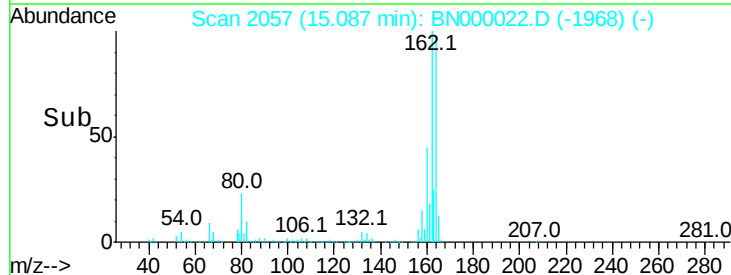
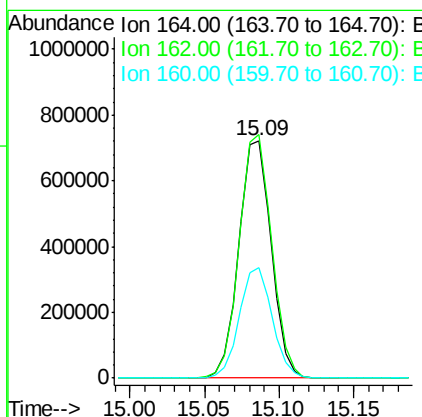
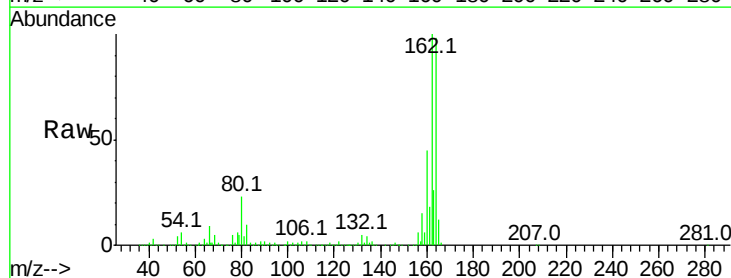
Instrument :
BNA_N
ClientSampleId :

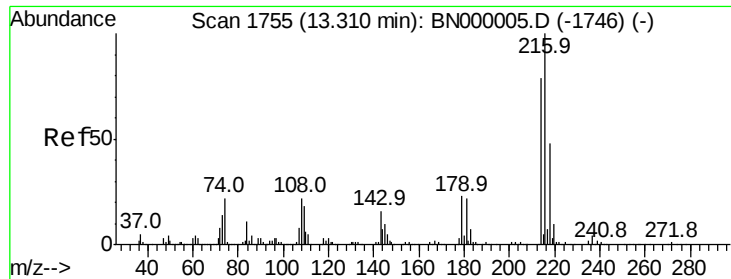
Tot Ion:142 Resp: 2860280
Ion Ratio Lower Upper
142 100
141 88.0 67.1 100.7
115 36.6 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.09 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion:164 Resp: 1084496
Ion Ratio Lower Upper
164 100
162 102.5 78.8 118.2
160 46.6 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.951 ng

RT: 13.30 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

Tot Ion:216 Resp: 1293587

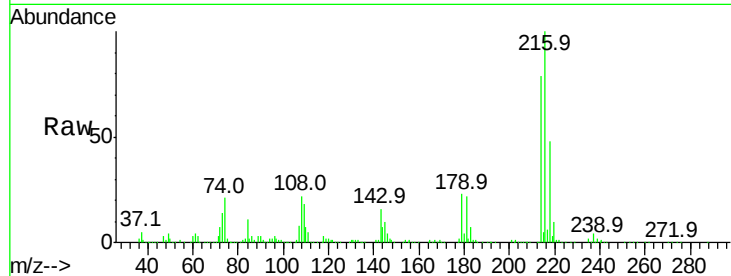
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 23.0 17.0 25.6

108 24.2 12.8 19.2#

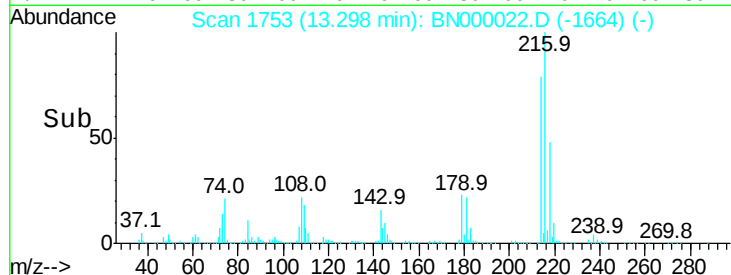


Abundance Ion 216.00 (215.70 to 216.70): E

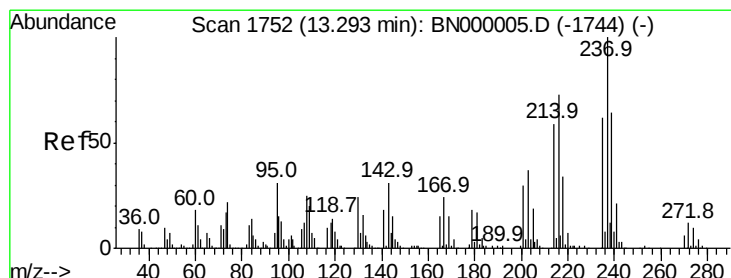
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 13.20 13.25 13.30 13.35



#40

Hexachlorocyclopentadiene

Concen: 46.097 ng

RT: 13.27 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

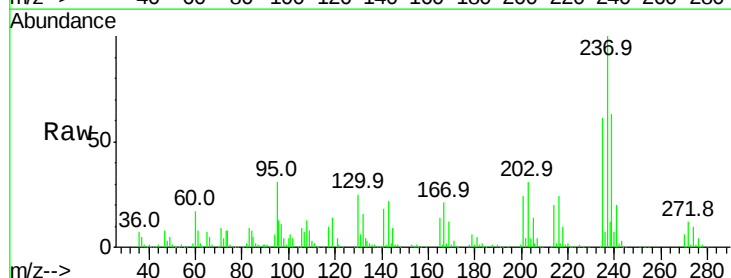
Tgt Ion:237 Resp: 486358

Ion Ratio Lower Upper

237 100

235 61.2 50.4 90.4

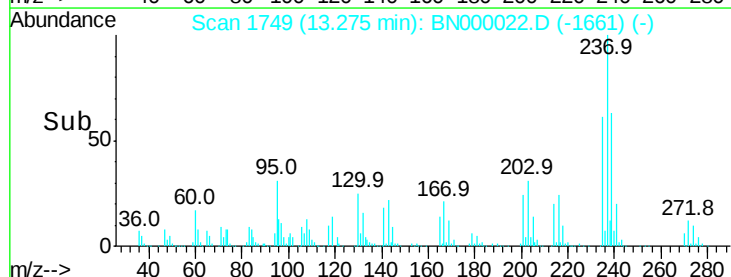
272 12.2 0.0 31.8



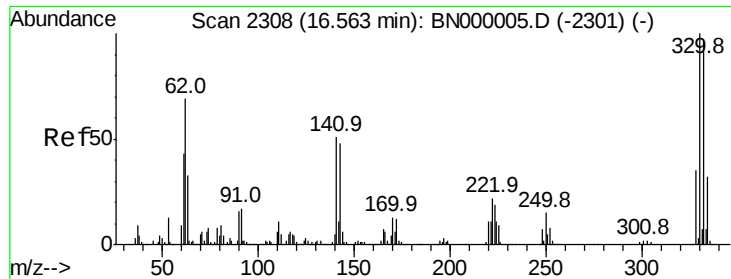
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time--> 13.20 13.25 13.30 13.35



#41

2,4,6-Tribromophenol

Concen: 81.763 ng

RT: 16.55 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

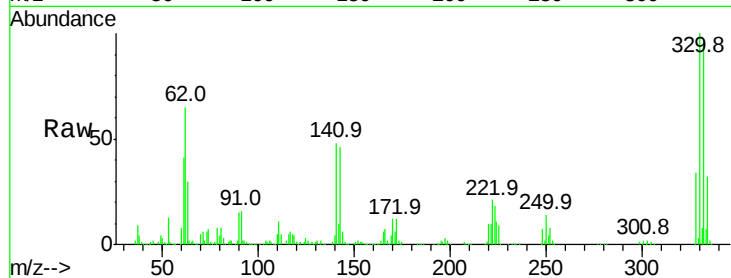
Tot Ion:330 Resp: 891375

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

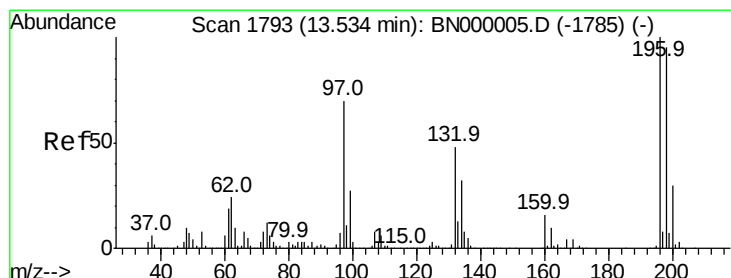
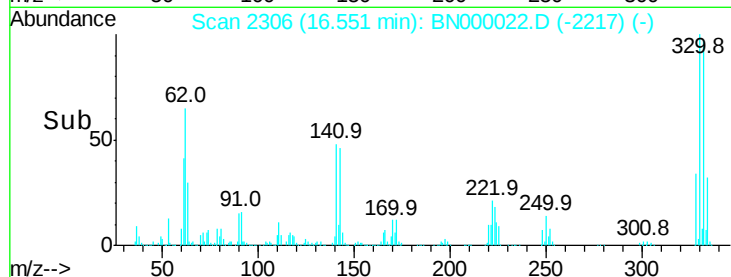
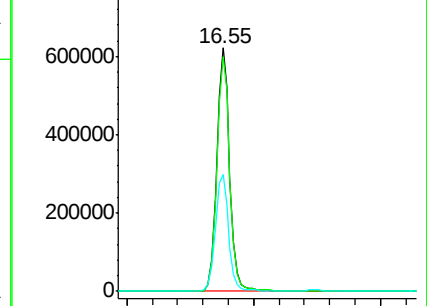
141 49.4 25.2 37.8#



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: 41.235 ng

RT: 13.52 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

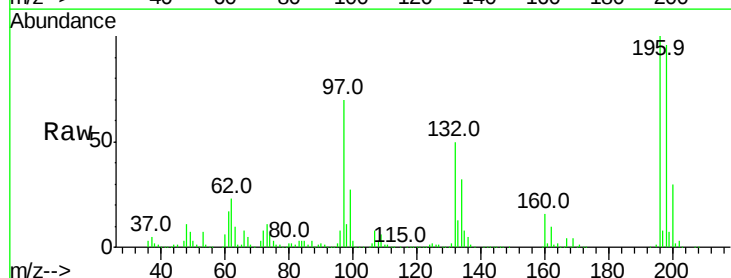
Tgt Ion:196 Resp: 769909

Ion Ratio Lower Upper

196 100

198 95.7 78.2 117.2

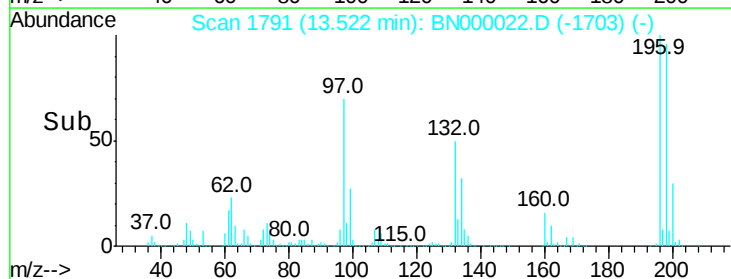
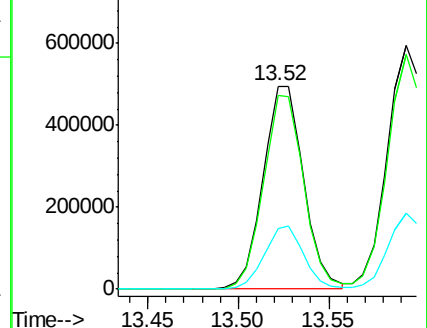
200 29.8 24.6 36.8

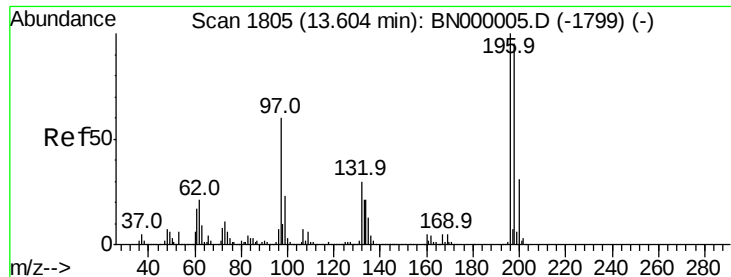


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

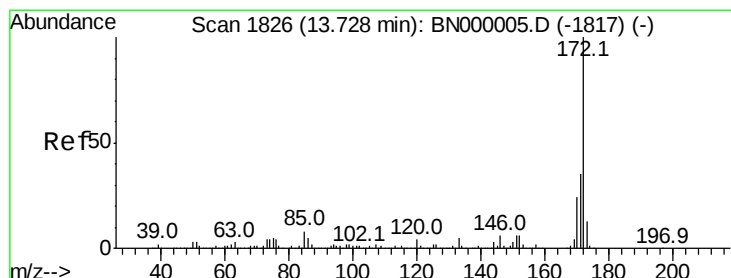
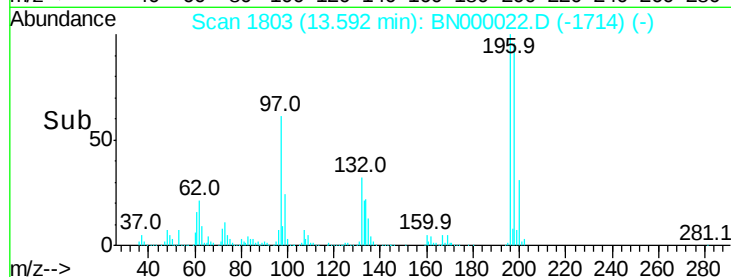
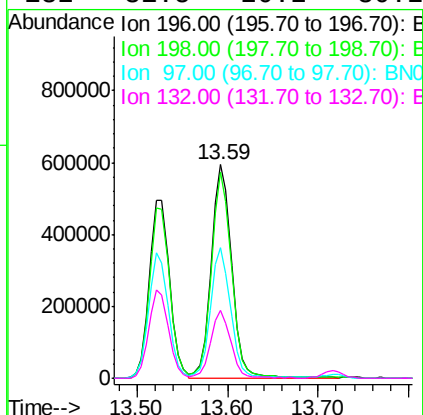
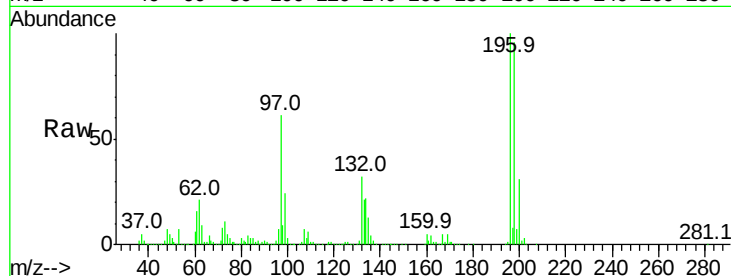




#43
 2,4,5-Trichlorophenol
 Concen: 42.137 ng
 RT: 13.59 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

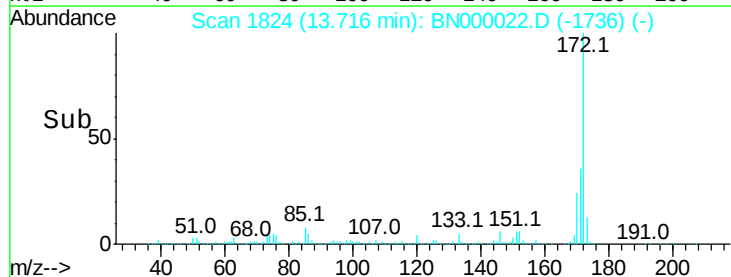
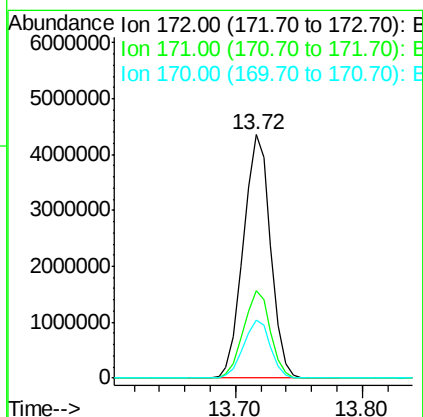
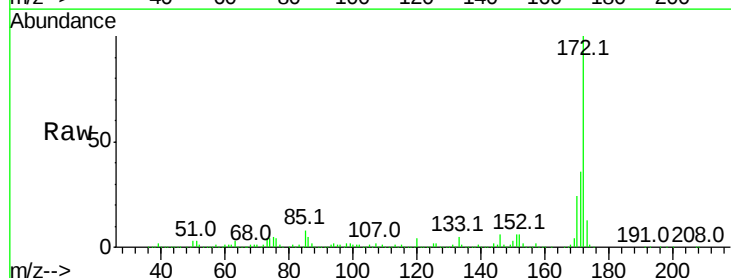
Instrument :
 BNA_N
 ClientSampled :

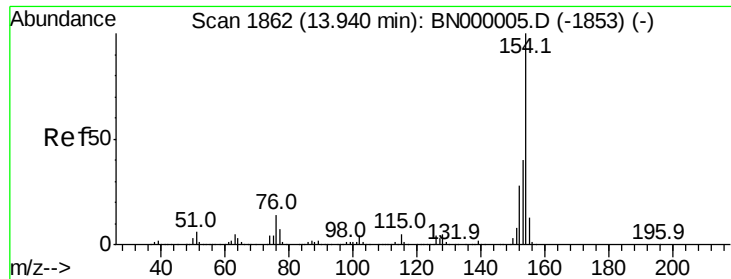
Tot Ion:196 Resp: 926500
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.2 114.4
 97 61.2 38.7 58.1#
 132 31.5 20.2 30.2#



#44
 2-Fluorobiphenyl
 Concen: 79.897 ng
 RT: 13.72 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Tgt Ion:172 Resp: 6469732
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.0 45.0
 170 24.0 19.5 29.3





#45

1,1'-Biphenyl

Concen: 40.034 ng

RT: 13.93 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

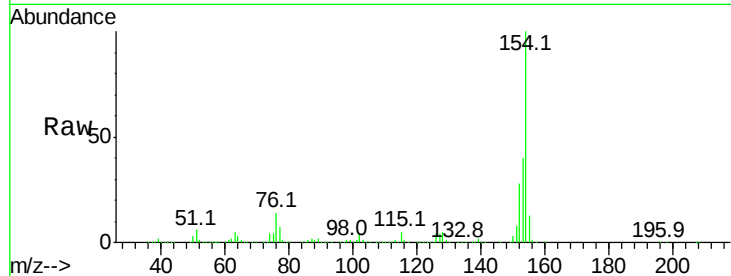
Tot Ion:154 Resp: 3879249

Ion Ratio Lower Upper

154 100

153 40.4 19.8 59.8

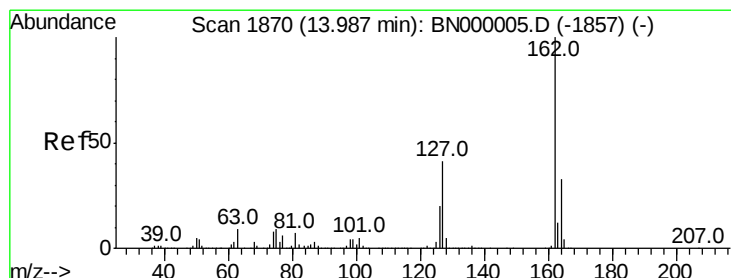
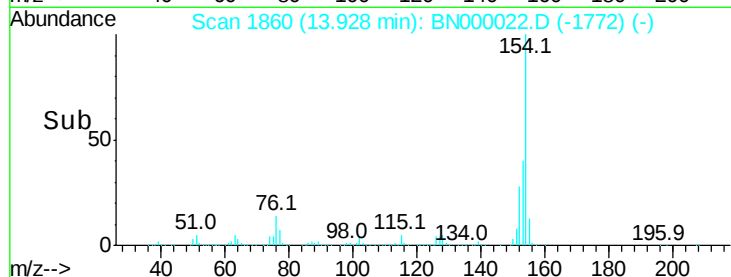
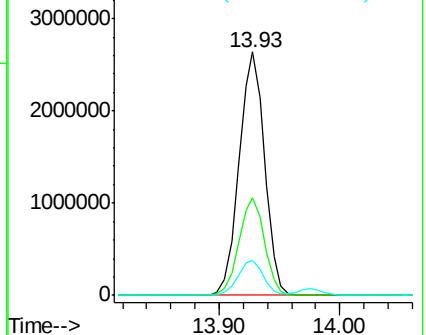
76 14.4 0.0 31.9



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: 40.295 ng

RT: 13.97 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

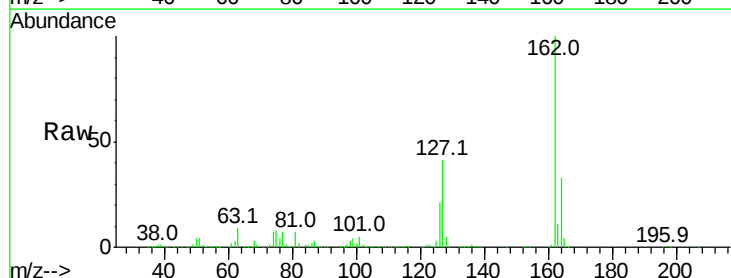
Tgt Ion:162 Resp: 2931234

Ion Ratio Lower Upper

162 100

127 41.3 30.7 46.1

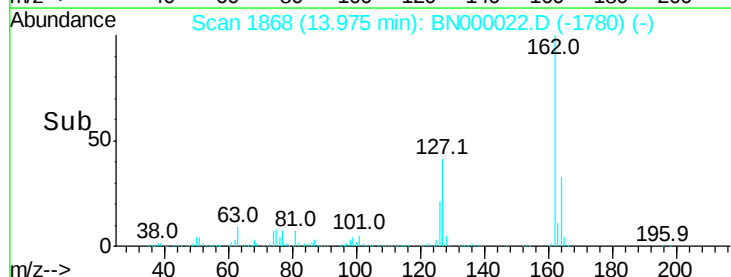
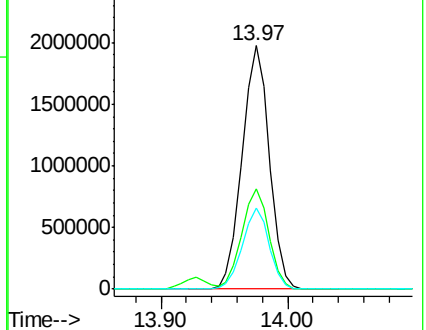
164 33.3 26.0 39.0

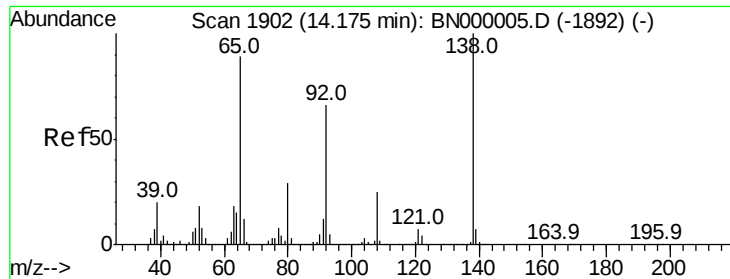


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

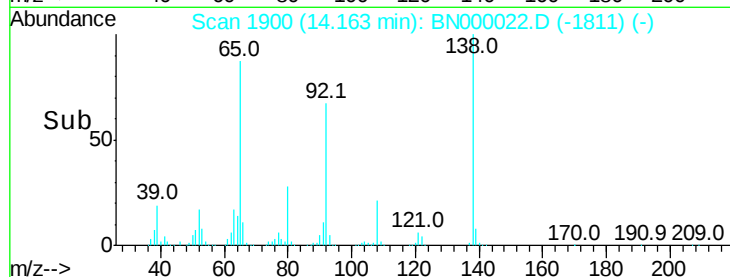
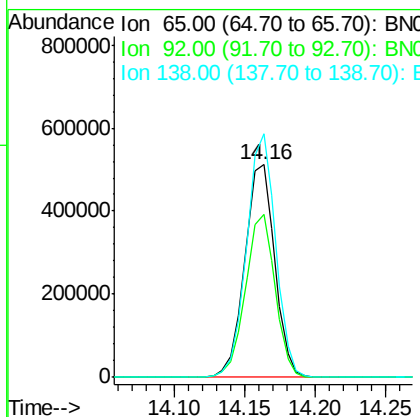
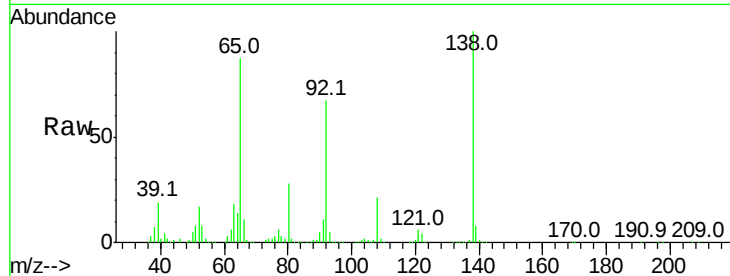




#47
2-Nitroaniline
Concen: 41.261 ng
RT: 14.16 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

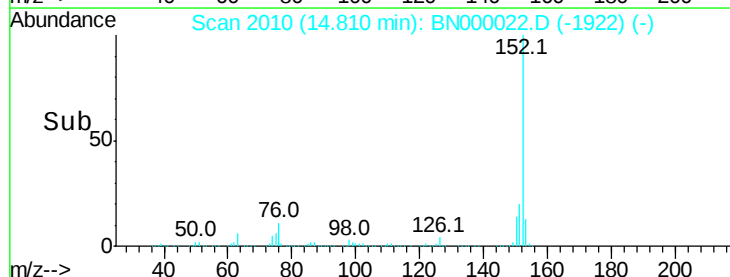
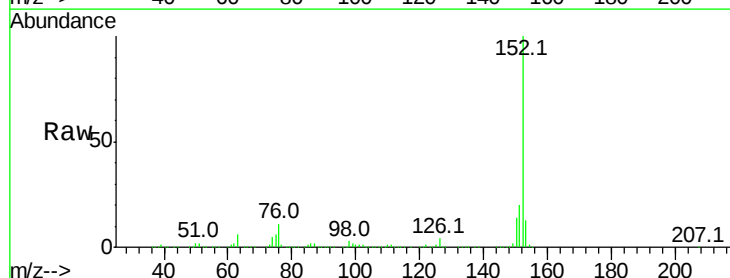
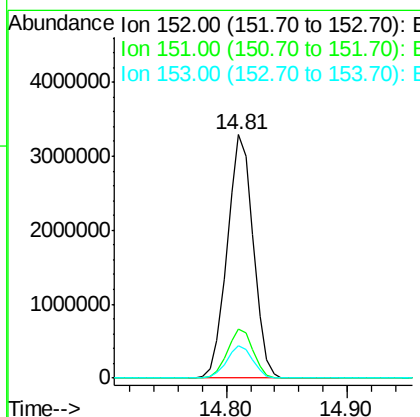
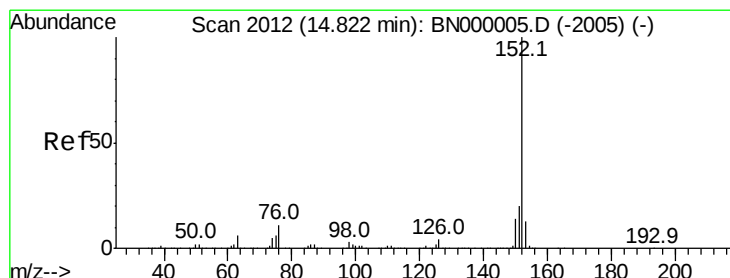
Instrument :
BNA_N
ClientSampleId :

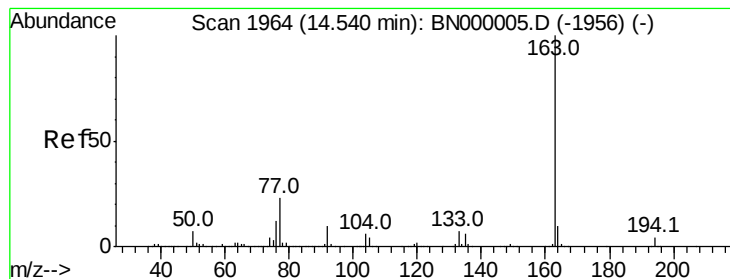
Tot Ion: 65 Resp: 768074
Ion Ratio Lower Upper
65 100
92 76.6 54.6 82.0
138 114.5 72.9 109.3#



#48
Acenaphthylene
Concen: 40.198 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion: 152 Resp: 4910358
Ion Ratio Lower Upper
152 100
151 20.1 17.2 25.8
153 13.3 10.2 15.4





#49

Dimethylphthalate

Concen: 39.138 ng

RT: 14.53 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

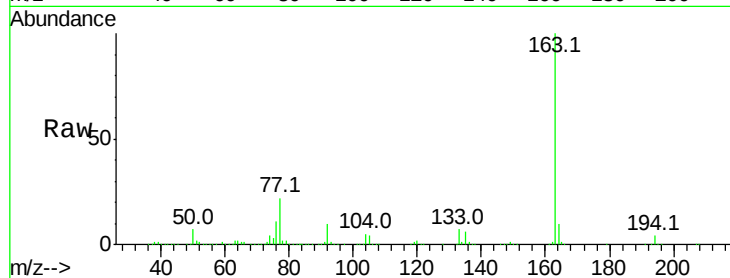
Tot Ion:163 Resp: 3793430

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

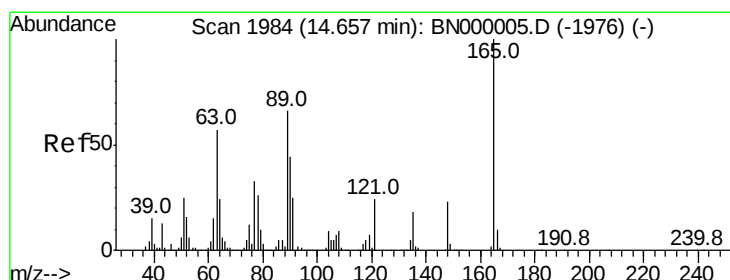
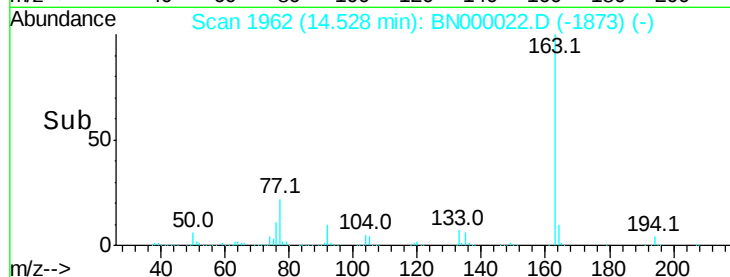
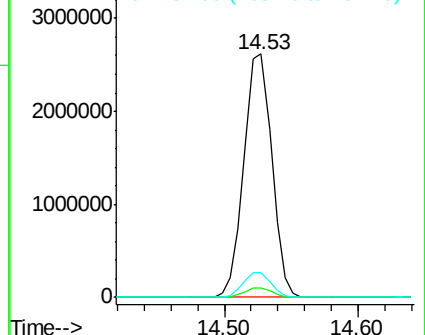
164 10.1 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 40.752 ng

RT: 14.65 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

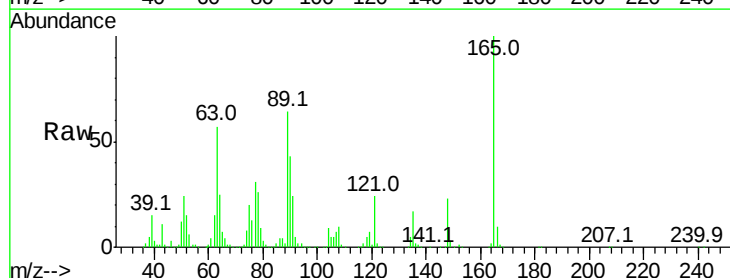
Tgt Ion:165 Resp: 749491

Ion Ratio Lower Upper

165 100

63 56.7 52.7 79.1

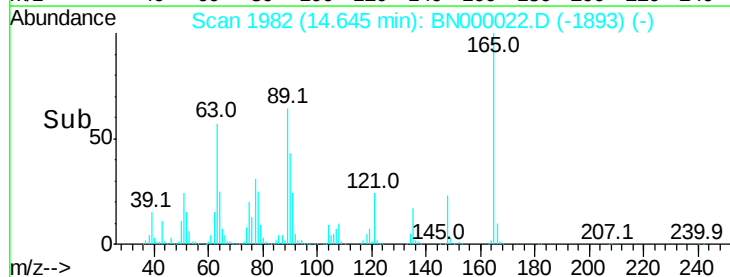
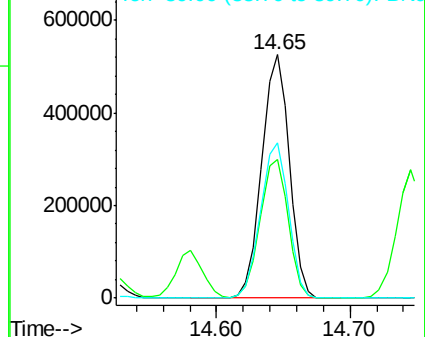
89 63.8 49.2 73.8

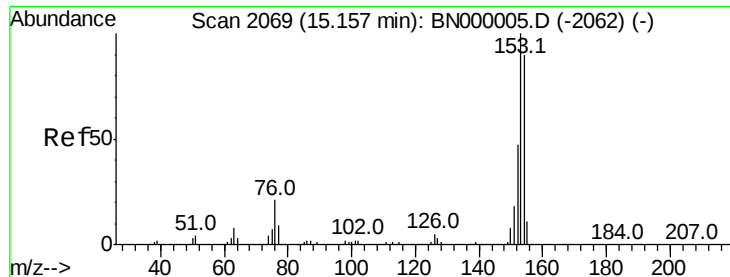


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 39.847 ng

RT: 15.15 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampled :

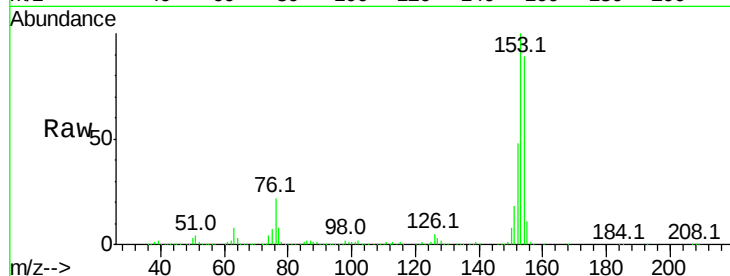
Tot Ion:154 Resp: 3071443

Ion Ratio Lower Upper

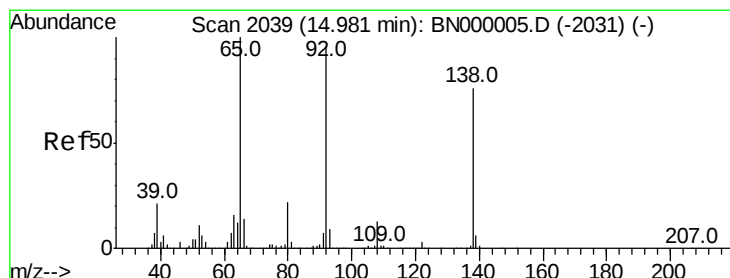
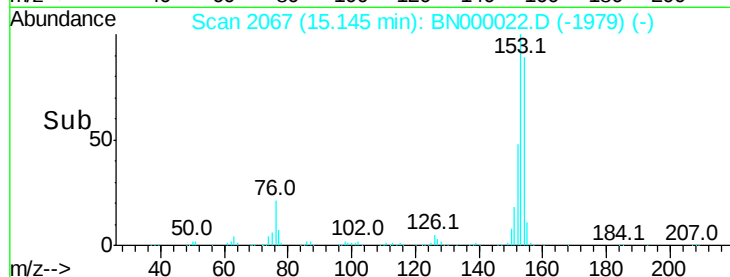
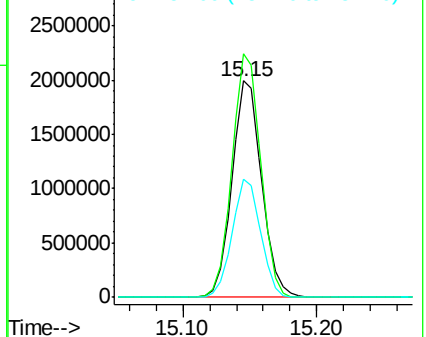
154 100

153 112.5 90.4 135.6

152 54.4 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: 41.139 ng

RT: 14.97 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

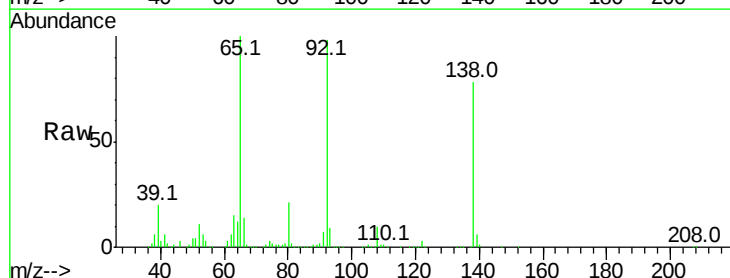
Tgt Ion:138 Resp: 931662

Ion Ratio Lower Upper

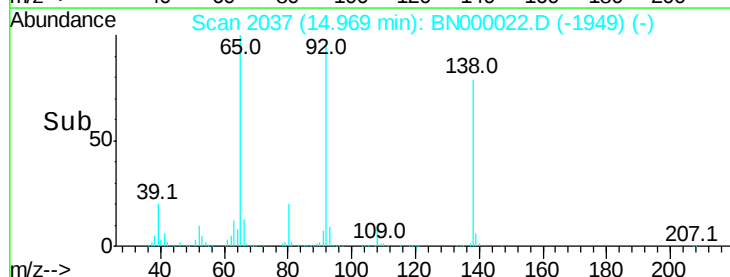
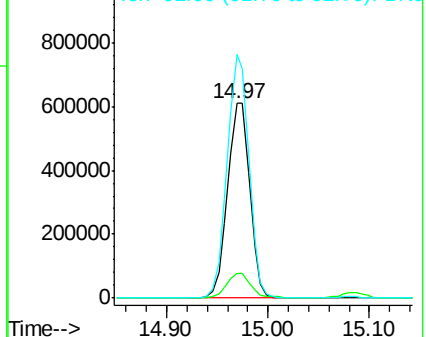
138 100

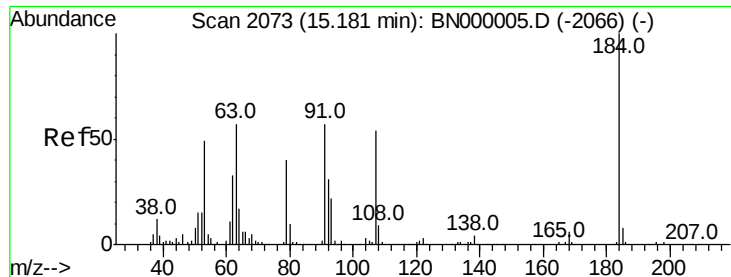
108 12.8 17.5 26.3#

92 125.0 105.8 158.8



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

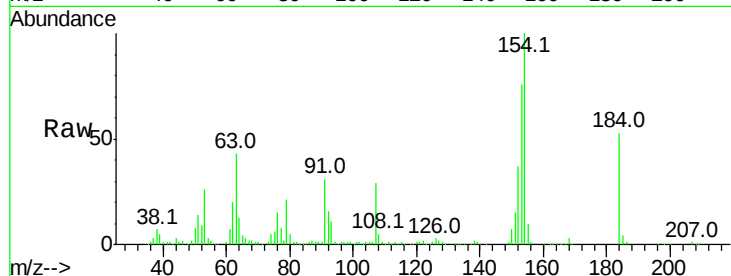




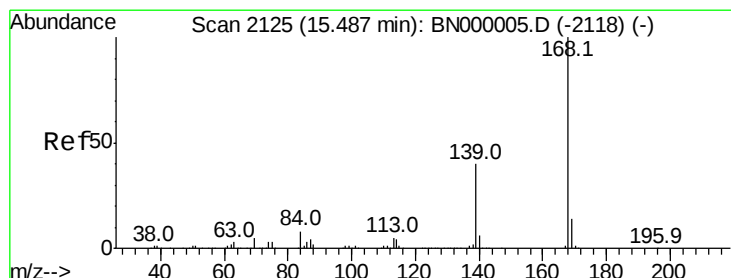
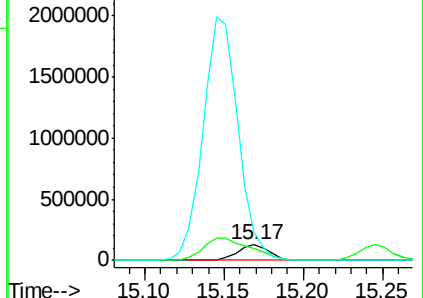
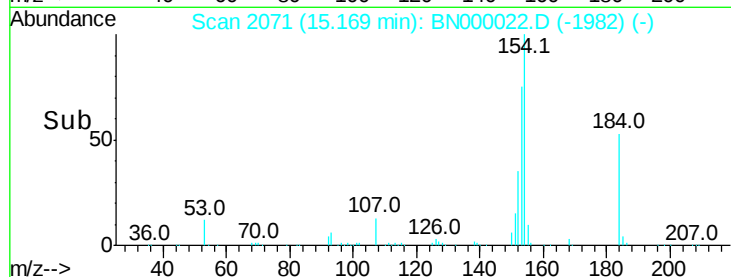
#53
2,4-Dinitrophenol
Concen: 43.317 ng
RT: 15.17 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Instrument :
BNA_N
ClientSampleId :

Tot Ion:184 Resp: 178847
Ion Ratio Lower Upper
184 100
63 81.0 80.0 120.0
154 188.3 308.0 462.0#

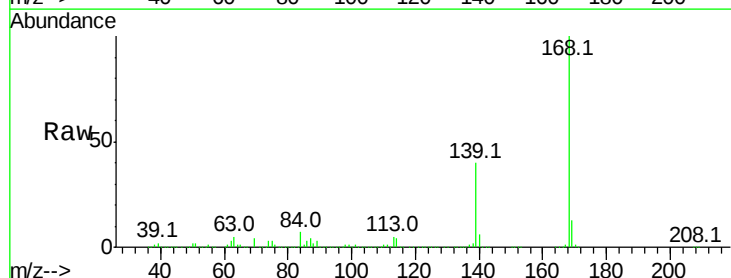


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

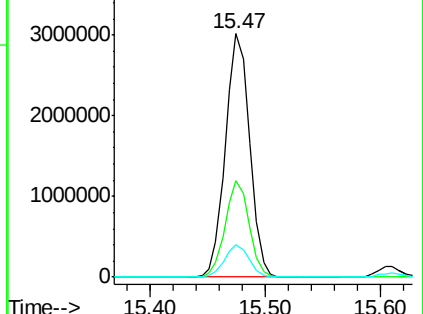
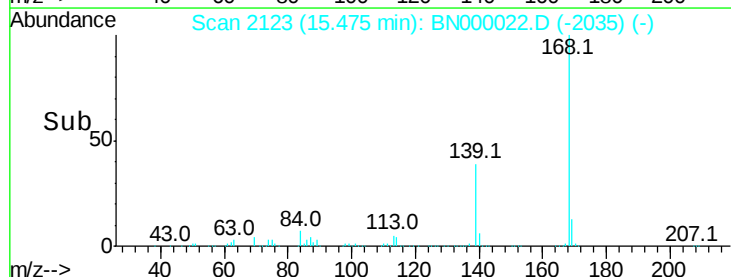


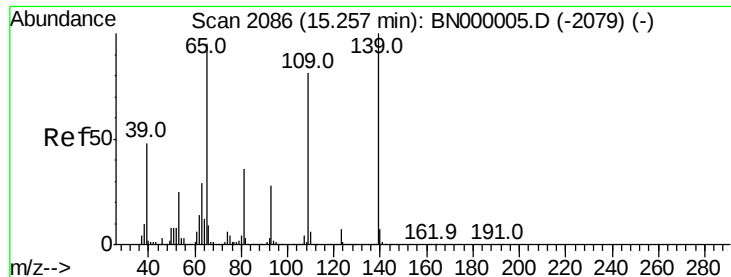
#54
Dibenzofuran
Concen: 39.546 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion:168 Resp: 4374389
Ion Ratio Lower Upper
168 100
139 39.6 28.6 43.0
169 13.5 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: 39.202 ng

RT: 15.25 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

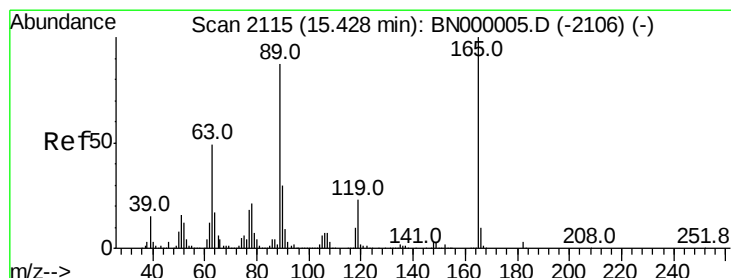
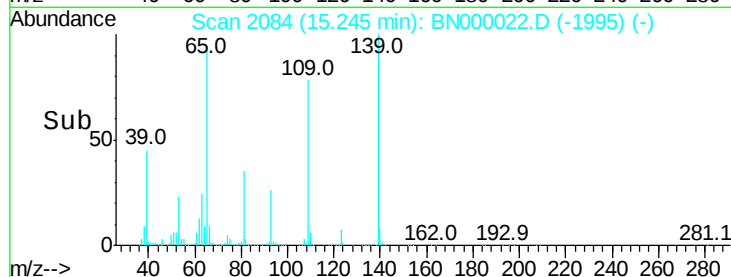
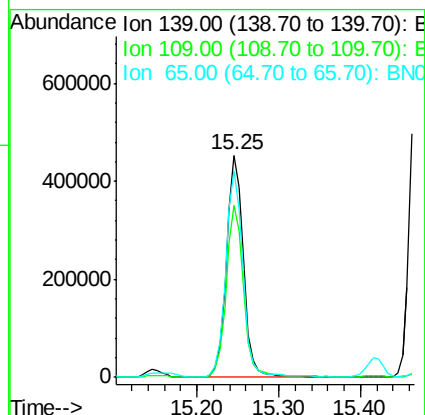
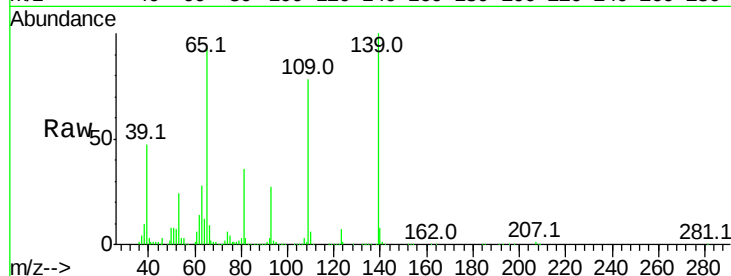
Tot Ion:139 Resp: 656913

Ion Ratio Lower Upper

139 100

109 77.5 62.2 102.2

65 92.7 97.2 137.2#



#56

2,4-Dinitrotoluene

Concen: 41.071 ng

RT: 15.42 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Tgt Ion:165 Resp: 1004865

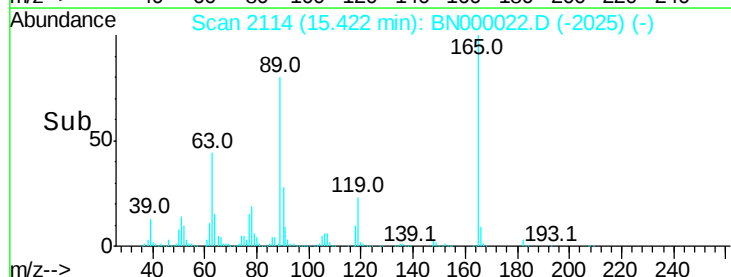
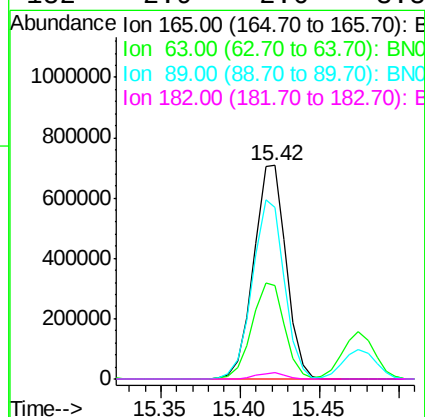
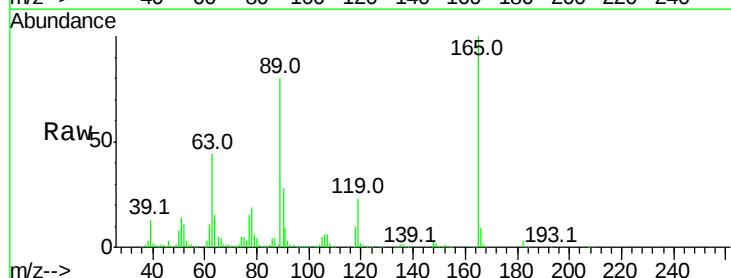
Ion Ratio Lower Upper

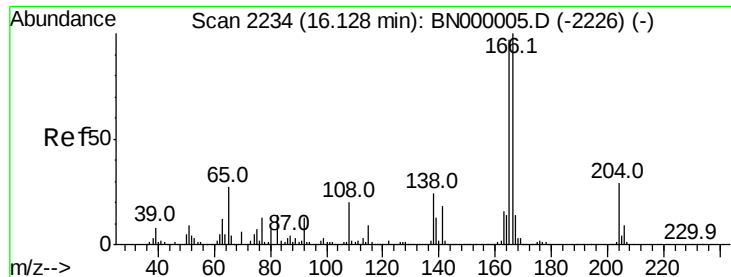
165 100

63 43.6 42.0 63.0

89 80.2 66.9 100.3

182 2.9 2.6 3.8

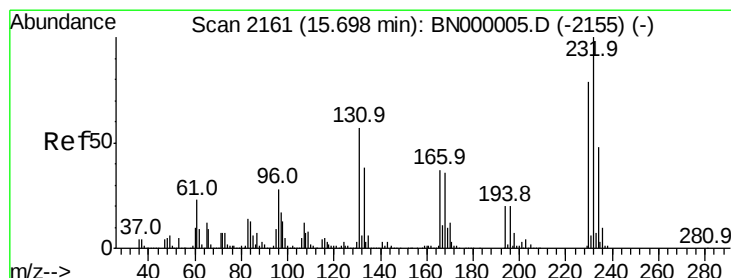
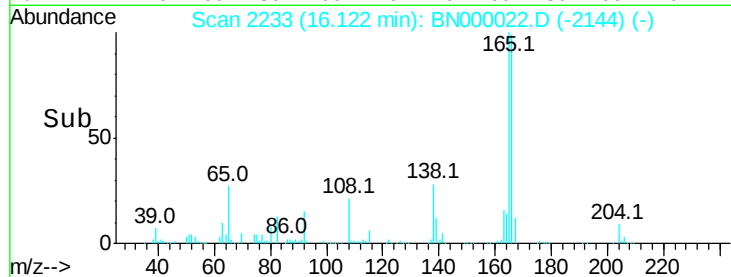
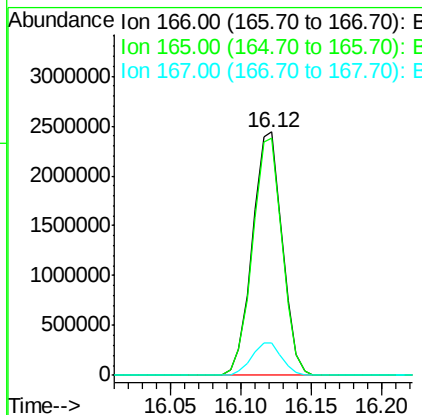
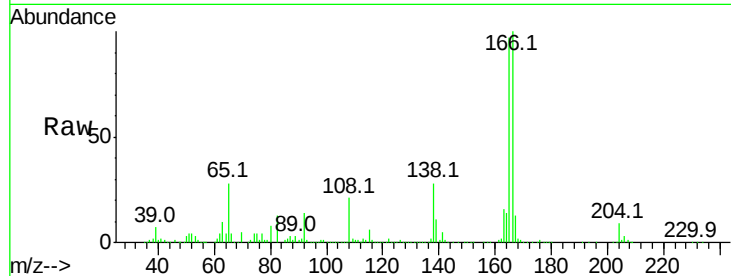




#57
 Fluorene
 Concen: 39.000 ng
 RT: 16.12 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

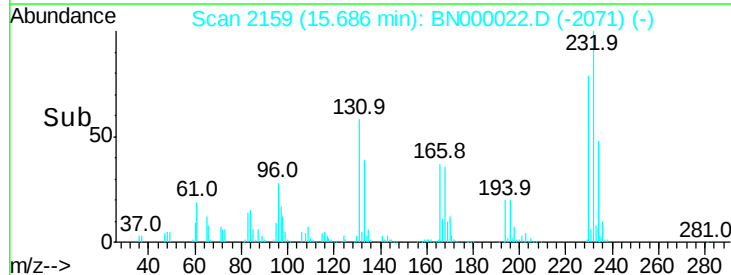
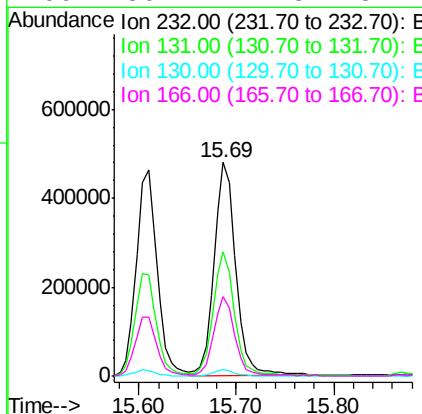
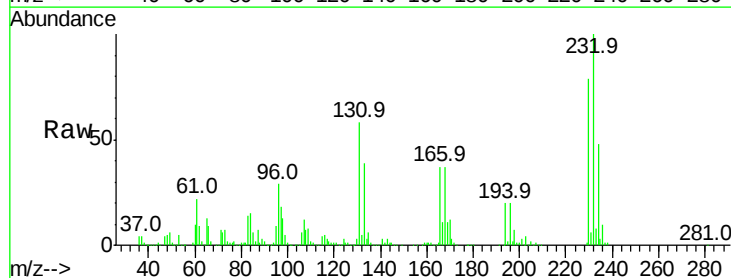
Instrument :
 BNA_N
 ClientSampleId :

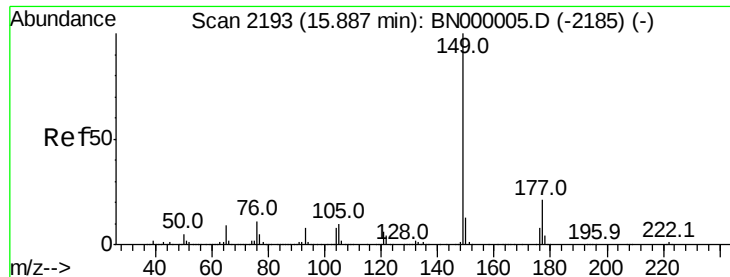
Tot Ion:166 Resp: 3632368
 Ion Ratio Lower Upper
 166 100
 165 97.4 80.6 121.0
 167 13.3 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.177 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Tgt Ion:232 Resp: 737330
 Ion Ratio Lower Upper
 232 100
 131 58.7 33.5 50.3#
 130 3.0 2.2 3.2
 166 36.1 24.8 37.2

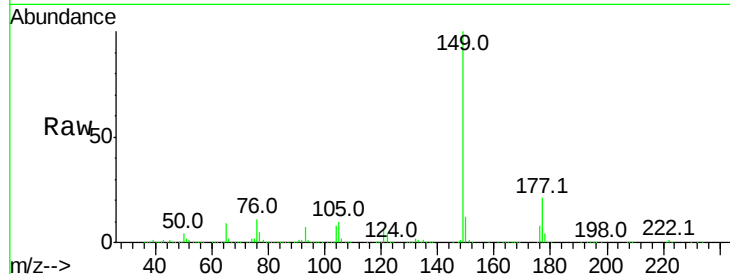




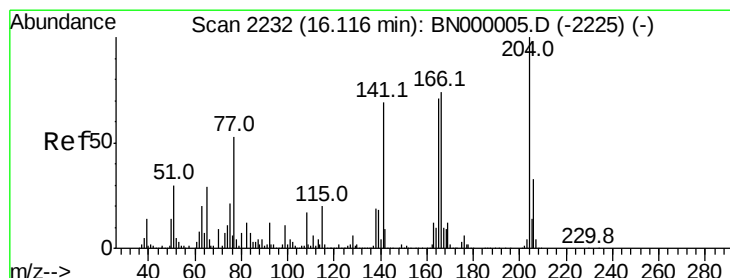
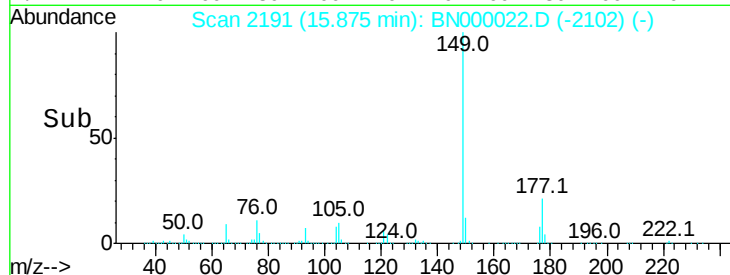
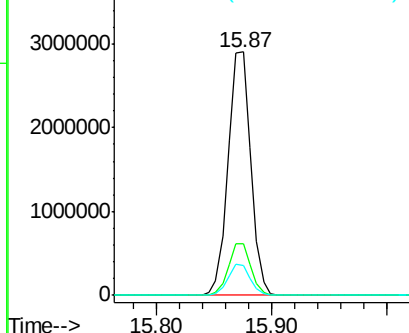
#59
Diethylphthalate
Concen: 38.954 ng
RT: 15.87 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Instrument :
BNA_N
ClientSampleId :

Tot Ion:149 Resp: 3944880
Ion Ratio Lower Upper
149 100
177 21.0 18.5 27.7
150 12.3 10.2 15.2

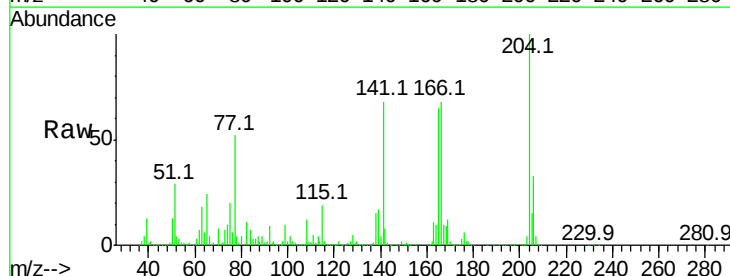


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

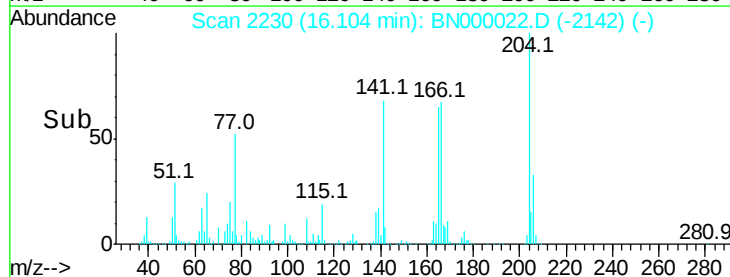
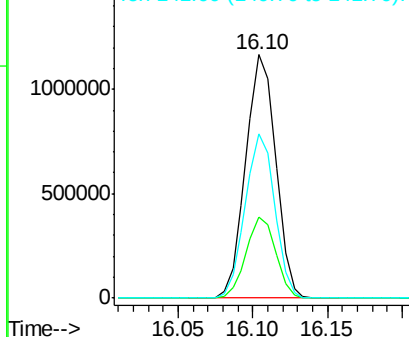


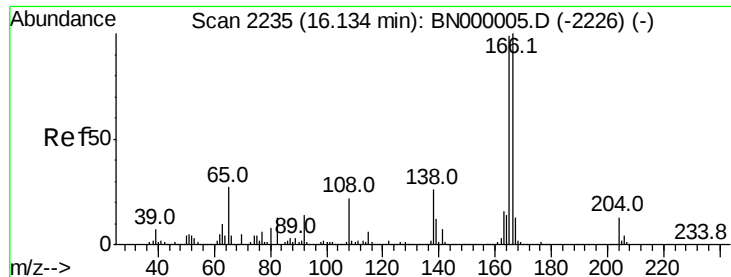
#60
4-Chlorophenyl-phenylether
Concen: 39.315 ng
RT: 16.10 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion:204 Resp: 1618406
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 67.7 45.8 68.6



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

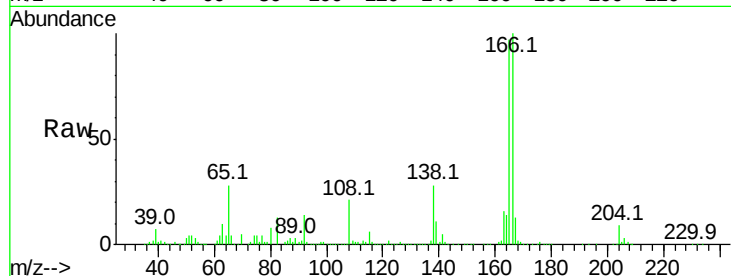




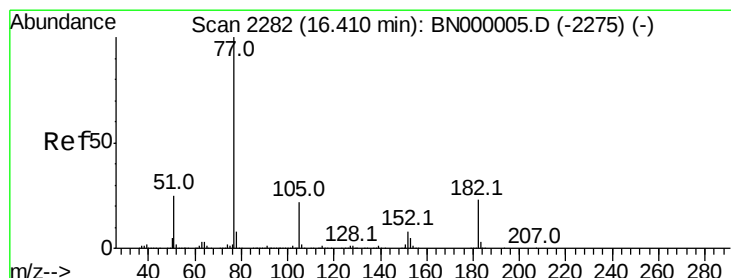
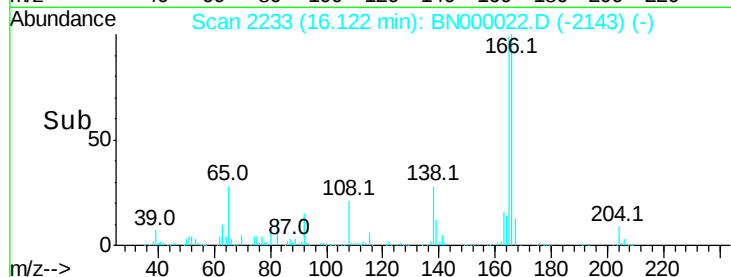
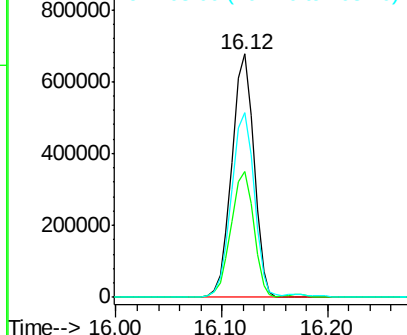
#61
4-Nitroaniline
Concen: 40.800 ng
RT: 16.12 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Instrument :
BNA_N
ClientSampled :

Tot Ion:138 Resp: 981071
Ion Ratio Lower Upper
138 100
92 51.6 40.1 80.1
108 75.8 65.4 105.4

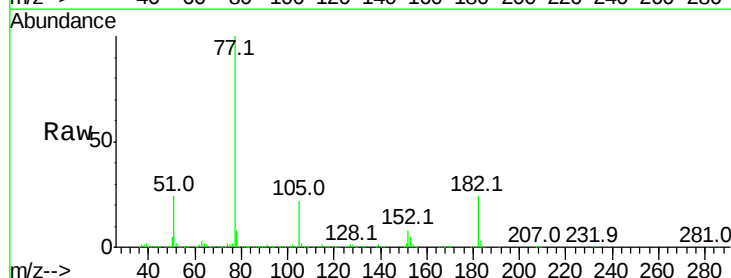


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BNC
Ion 108.00 (107.70 to 108.70): E

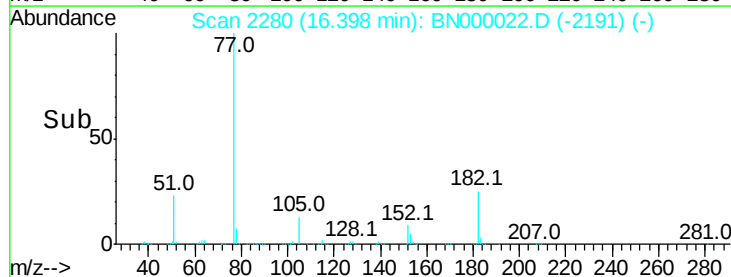
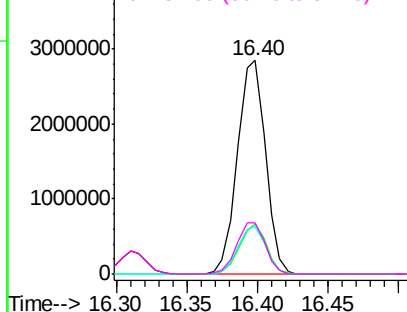


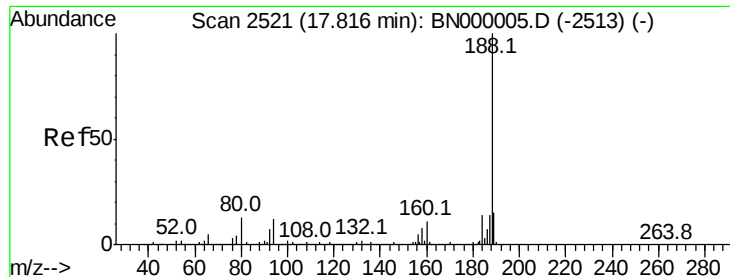
#62
Azobenzene
Concen: 39.038 ng
RT: 16.40 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion: 77 Resp: 3950719
Ion Ratio Lower Upper
77 100
182 23.6 7.4 47.4
105 22.4 0.3 40.3
51 24.1 11.6 51.6



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

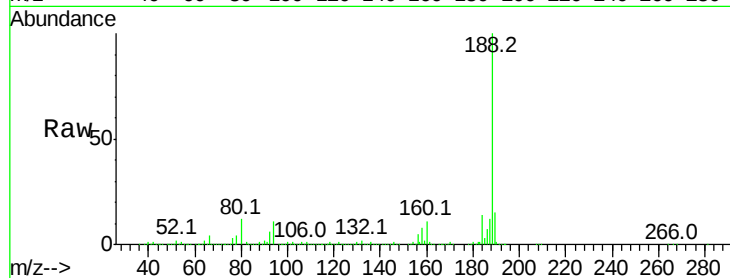




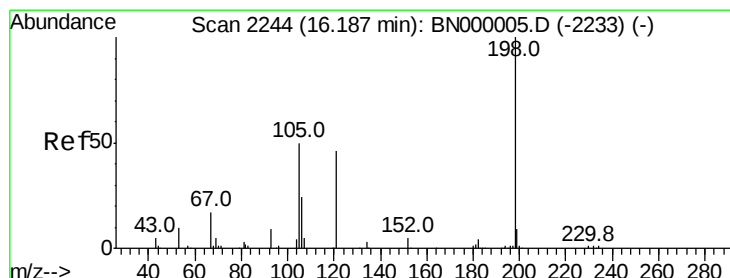
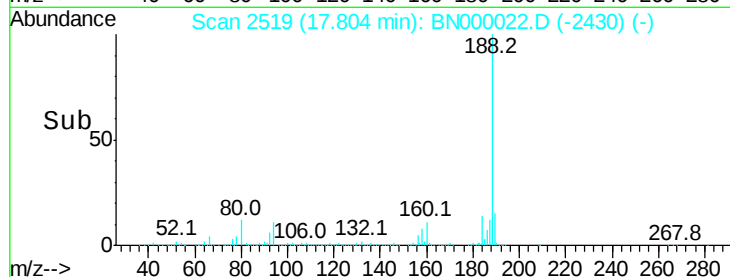
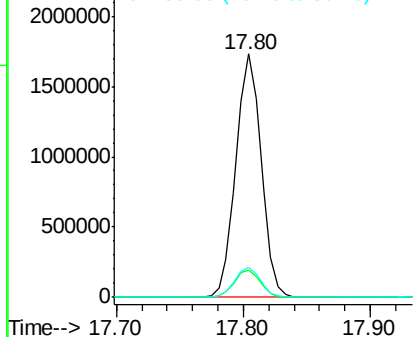
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.80 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Instrument :
BNA_N
ClientSampleId :

Tot Ion:188 Resp: 2385843
Ion Ratio Lower Upper
188 100
94 11.5 6.9 10.3#
80 12.3 7.7 11.5#

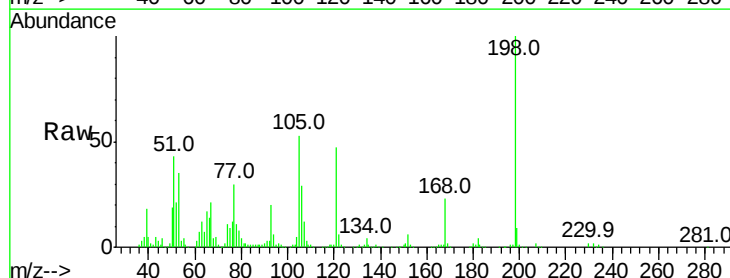


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

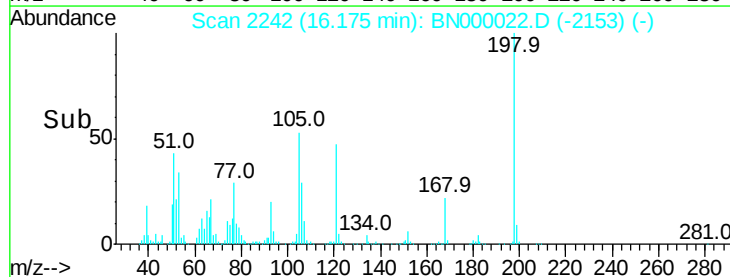
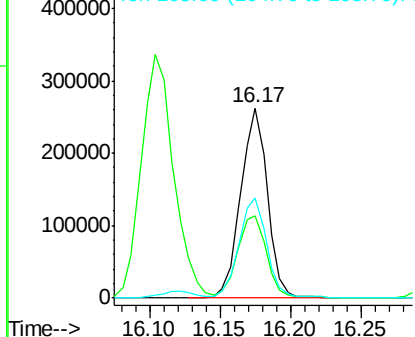


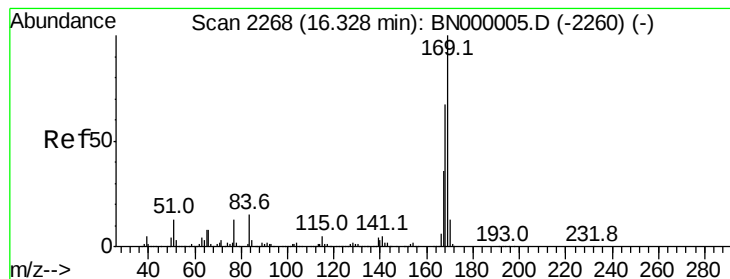
#64
4,6-Dinitro-2-methylphenol
Concen: 42.421 ng
RT: 16.17 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion:198 Resp: 348571
Ion Ratio Lower Upper
198 100
51 43.4 30.6 70.6
105 52.7 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: 41.384 ng

RT: 16.31 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

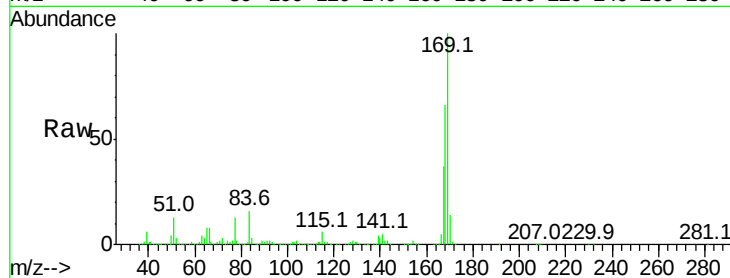
Instrument :

BNA_N

ClientSampleId :

Tot Ion:169 Resp: 3226466

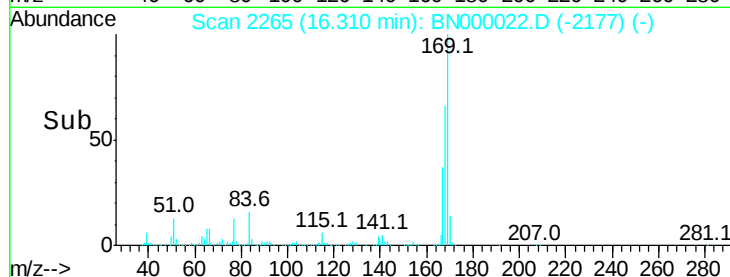
Ion	Ratio	Lower	Upper
169	100		
168	66.1	55.7	83.5
167	36.6	30.1	45.1



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



16.31

2500000

2000000

1500000

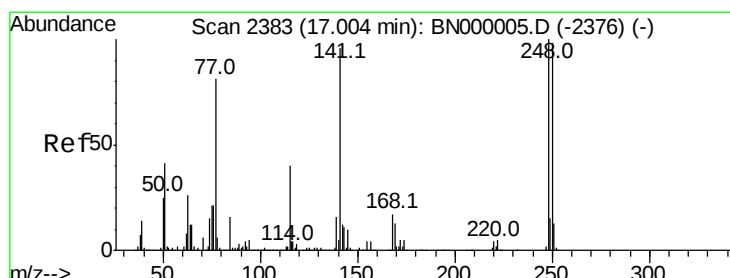
1000000

500000

0

Time-->

16.25 16.30 16.35



#66

4-Bromophenyl-phenylether

Concen: 40.978 ng

RT: 16.99 min Scan# 2381

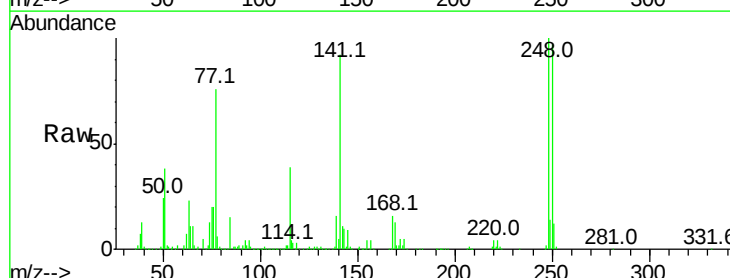
Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Tgt Ion:248 Resp: 914861

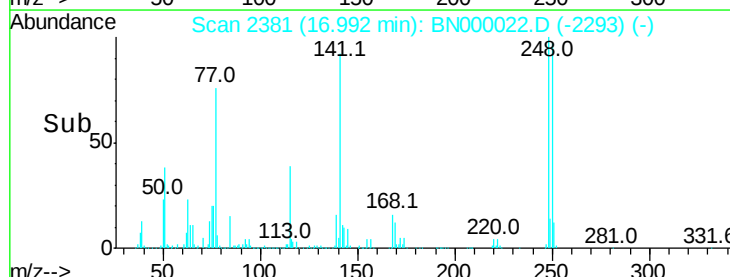
Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.1	115.7
141	91.5	50.8	76.2



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



800000

600000

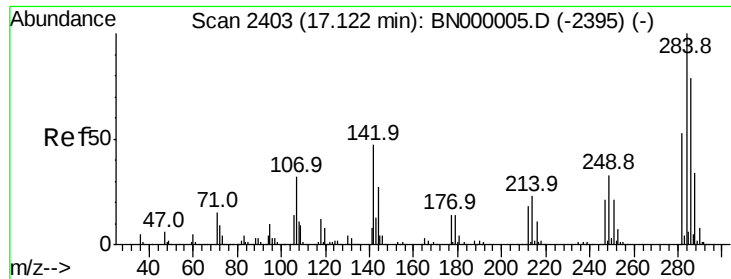
400000

200000

0

Time-->

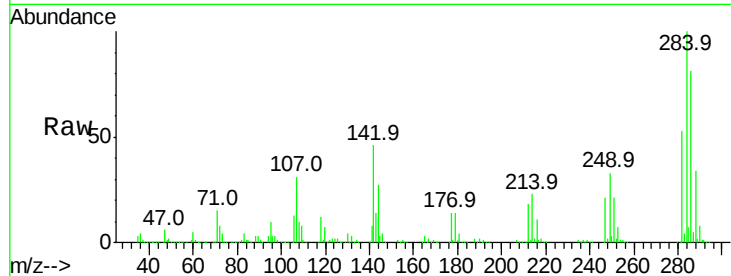
16.95 17.00 17.05



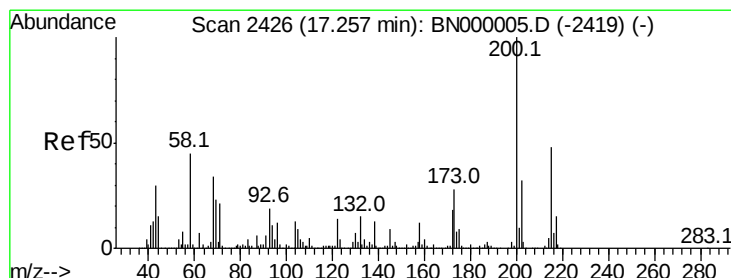
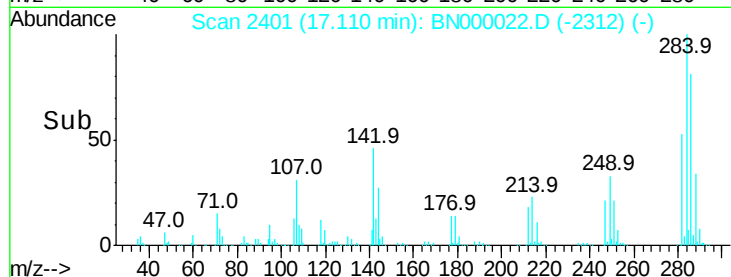
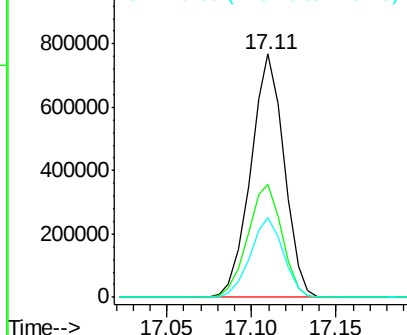
#67
Hexachlorobenzene
Concen: 40.968 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 1053737
Ion Ratio Lower Upper
284 100
142 46.3 26.8 40.2#
249 32.7 26.3 39.5

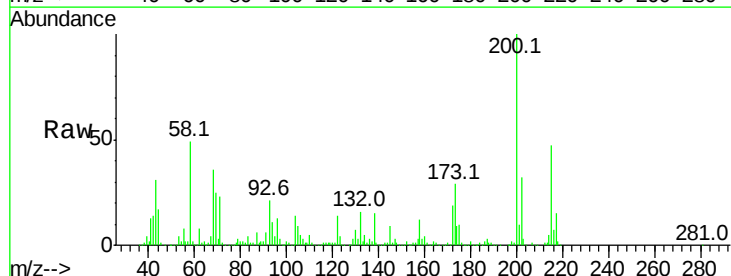


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

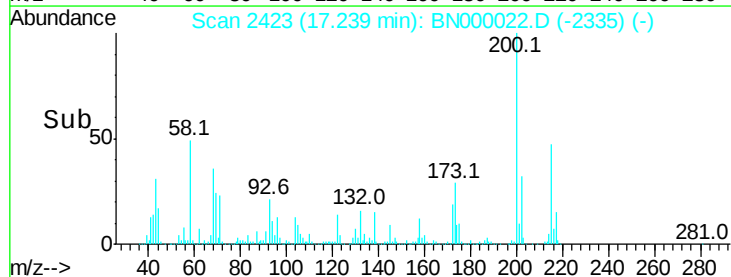
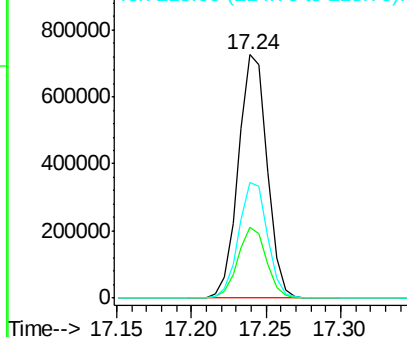


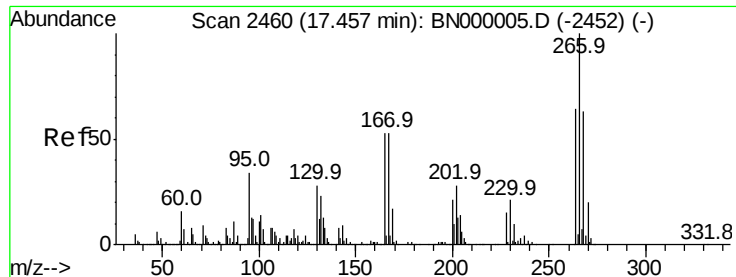
#68
Atrazine
Concen: 40.983 ng
RT: 17.24 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion:200 Resp: 974011
Ion Ratio Lower Upper
200 100
173 29.3 5.2 45.2
215 47.3 30.4 70.4



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

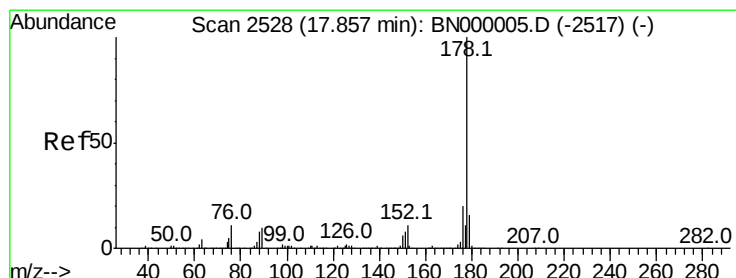
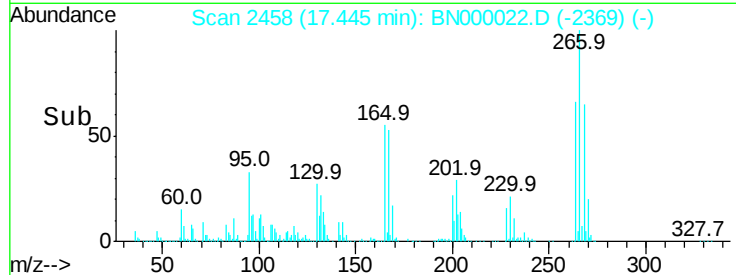
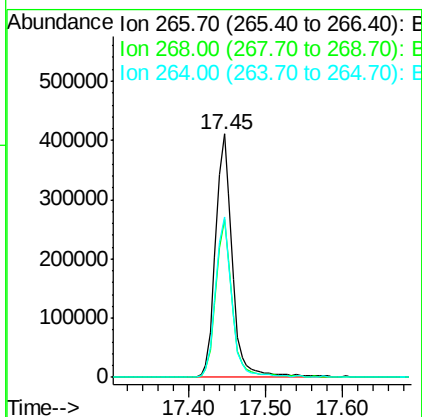
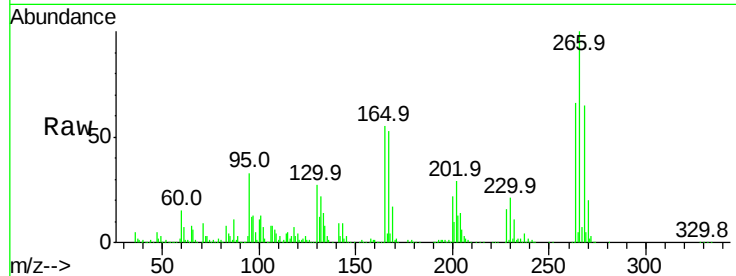




#69
 Pentachlorophenol
 Concen: 40.157 ng
 RT: 17.45 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

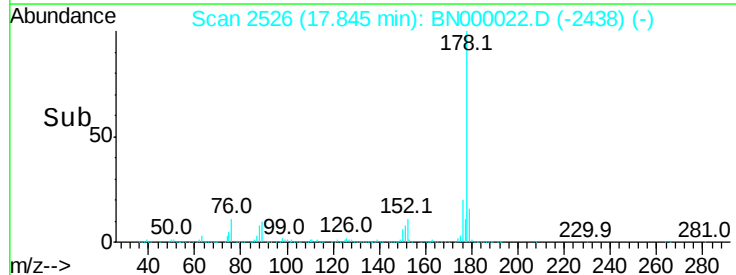
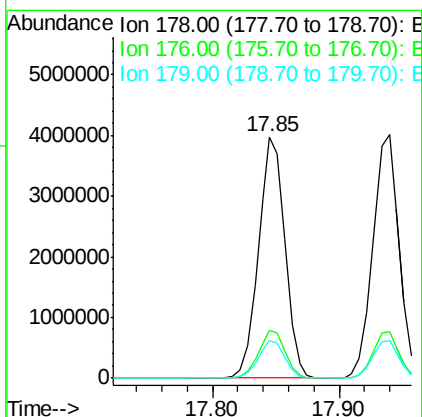
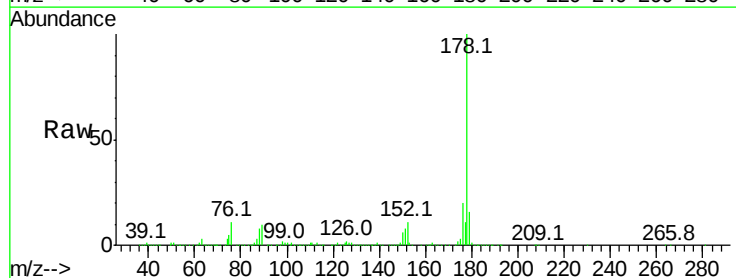
Instrument :
 BNA_N
 ClientSampled :

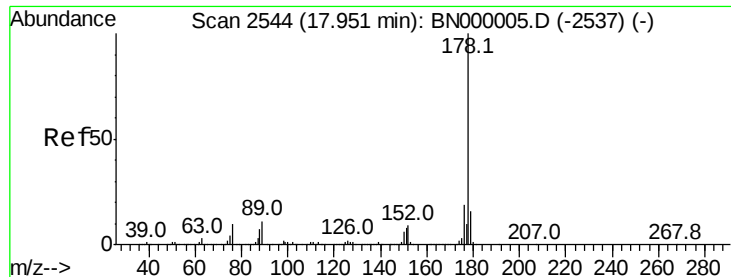
Tot Ion:266 Resp: 618609
 Ion Ratio Lower Upper
 266 100
 268 64.7 51.1 76.7
 264 65.8 49.6 74.4



#70
 Phenanthrene
 Concen: 40.145 ng
 RT: 17.85 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Tgt Ion:178 Resp: 5763047
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.7 23.5
 179 15.6 12.5 18.7

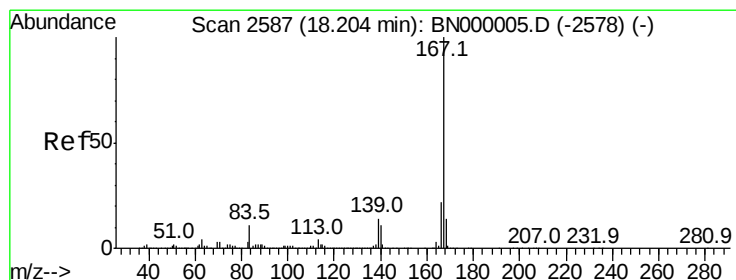
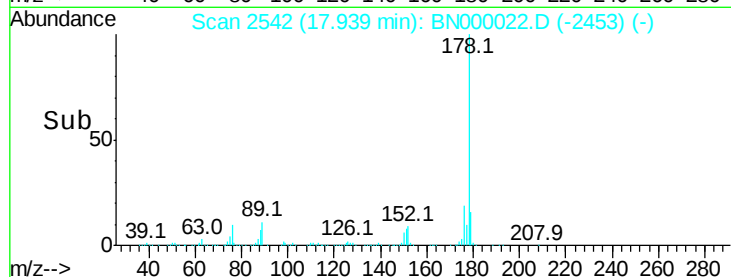
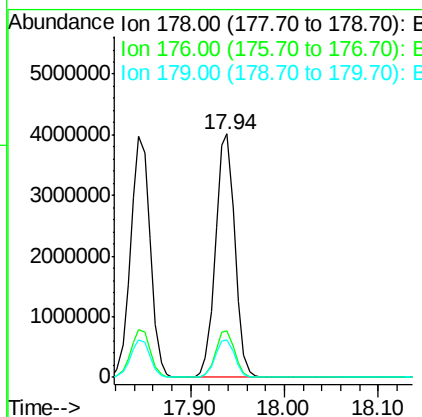
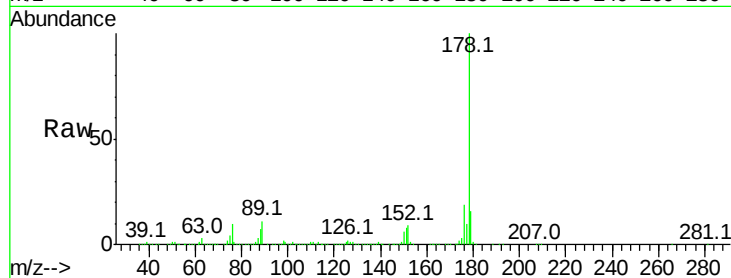




#71
 Anthracene
 Concen: 40.675 ng
 RT: 17.94 min Scan# 2542
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

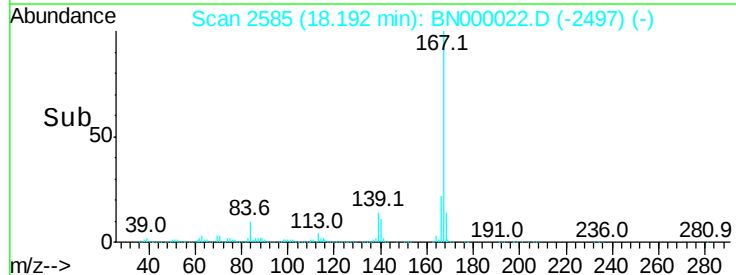
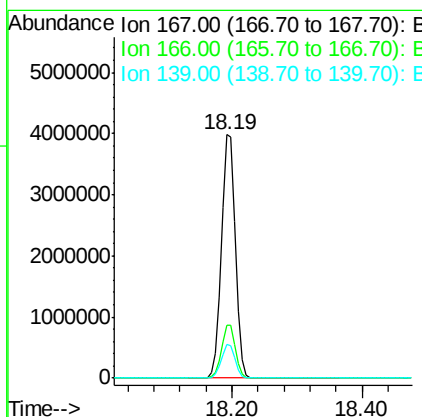
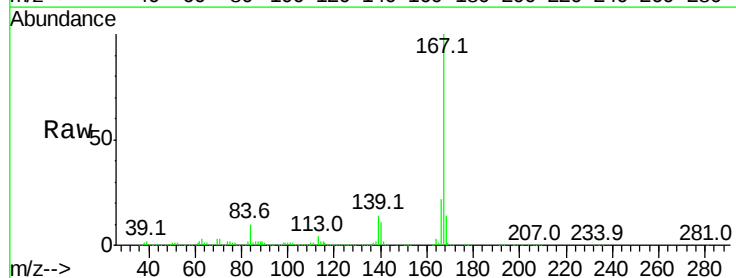
Instrument :
 BNA_N
 ClientSampleId :

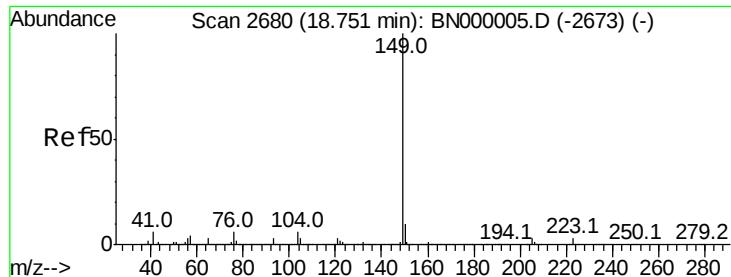
Tot Ion:178 Resp: 5784485
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.0 24.0
 179 15.5 12.5 18.7



#72
 Carbazole
 Concen: 39.865 ng
 RT: 18.19 min Scan# 2585
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Tgt Ion:167 Resp: 5865530
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.2 27.4
 139 13.9 9.4 14.2

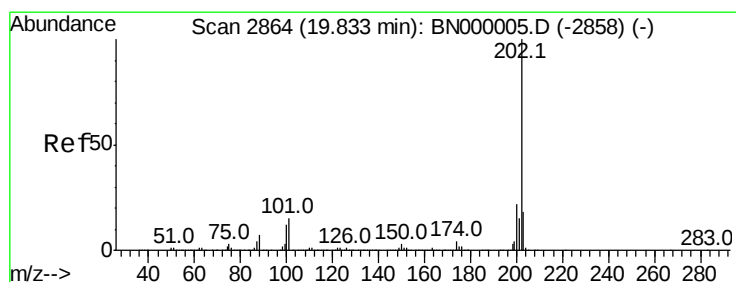
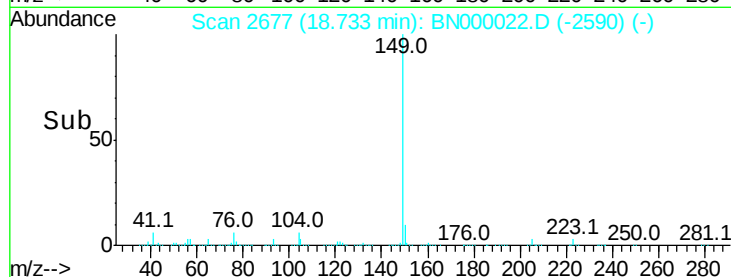
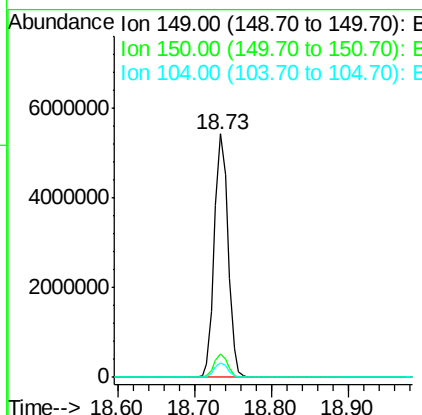
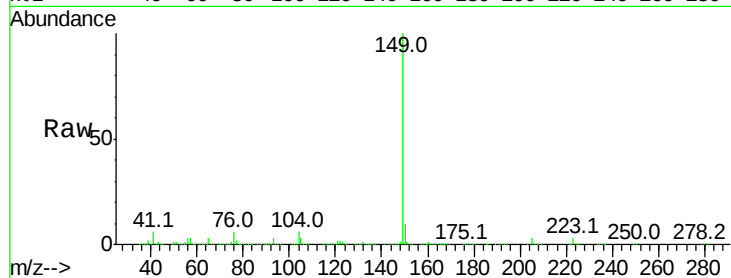




#73
Di-n-butylphthalate
Concen: 40.362 ng
RT: 18.73 min Scan# 2677
Delta R.T. -0.02 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

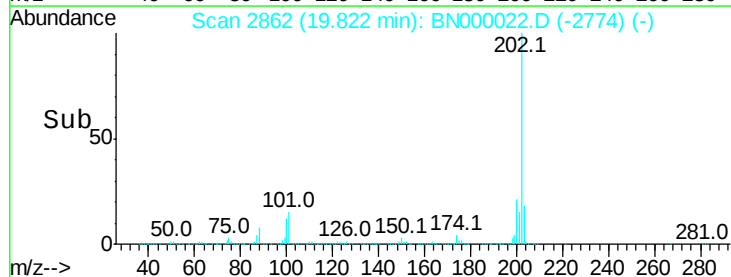
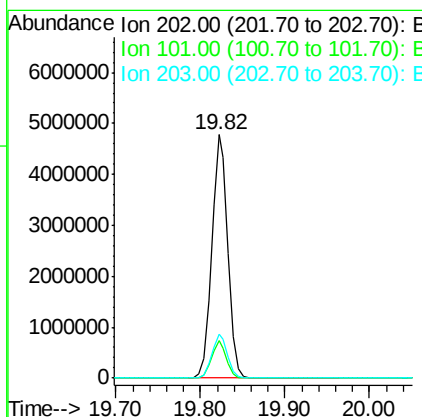
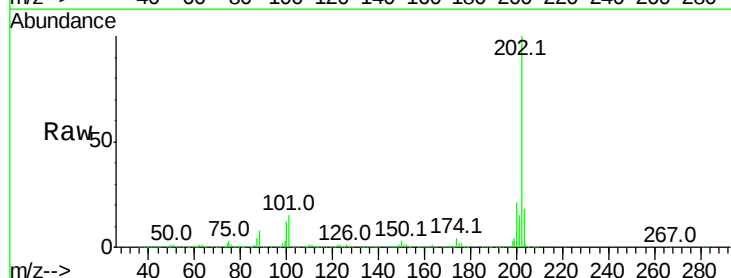
Instrument :
BNA_N
ClientSampleId :

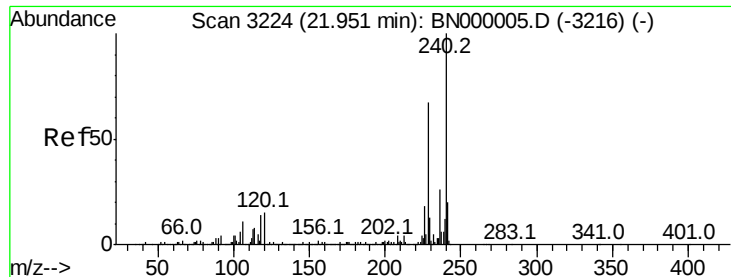
Tot Ion:149 Resp: 6595125
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 5.9 3.9 5.9



#74
Fluoranthene
Concen: 38.988 ng
RT: 19.82 min Scan# 2862
Delta R.T. -0.01 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion:202 Resp: 6355093
Ion Ratio Lower Upper
202 100
101 15.3 0.0 28.9
203 18.3 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.93 min Scan# 3221

Delta R.T. -0.02 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

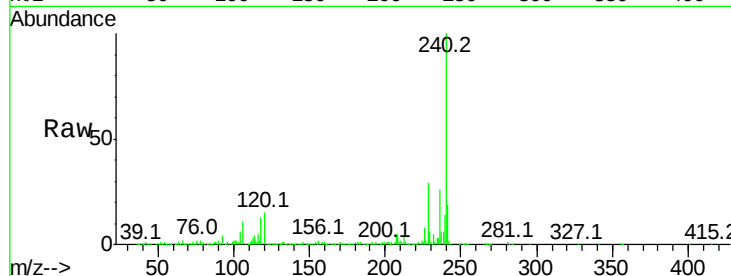
Tot Ion:240 Resp: 2591638

Ion Ratio Lower Upper

240 100

120 14.7 6.8 10.2#

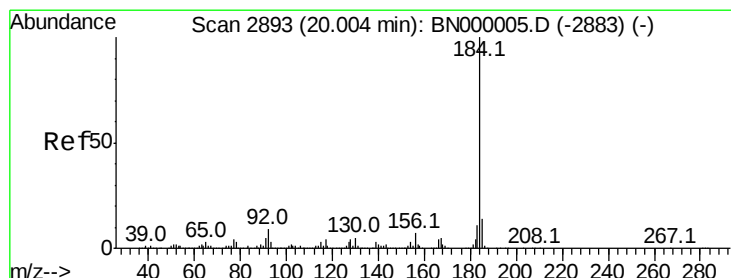
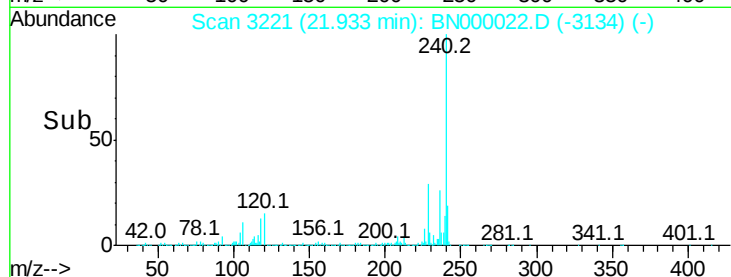
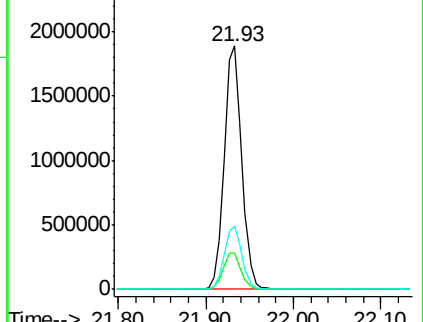
236 26.2 20.9 31.3



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: 42.686 ng

RT: 19.99 min Scan# 2891

Delta R.T. -0.01 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

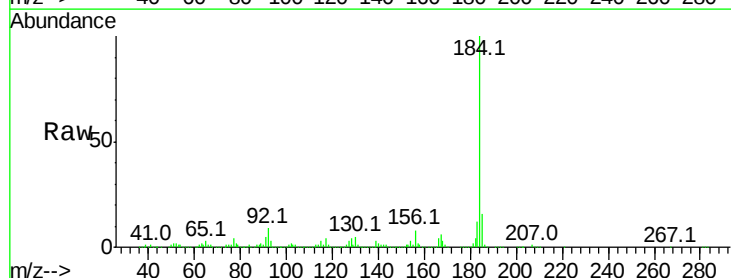
Tgt Ion:184 Resp: 2800245

Ion Ratio Lower Upper

184 100

185 15.7 11.1 16.7

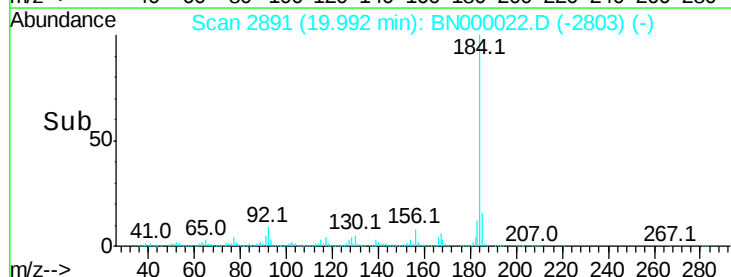
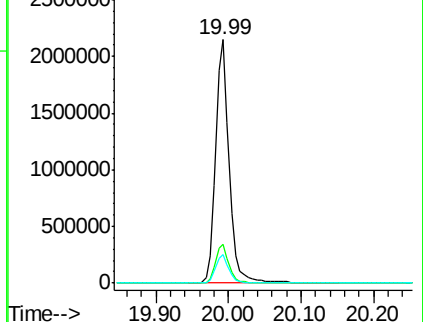
183 11.7 10.6 16.0

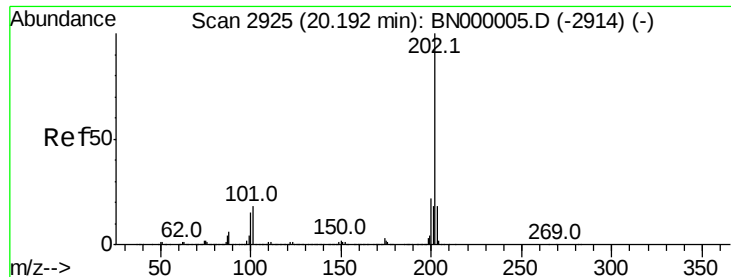


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

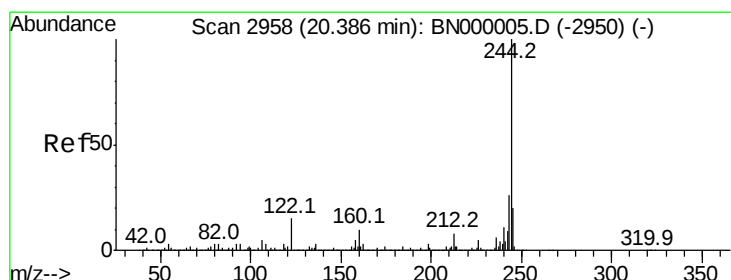
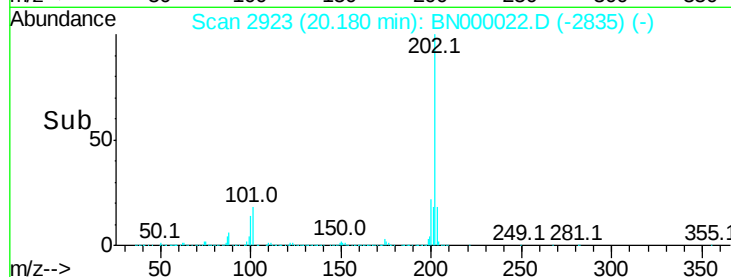
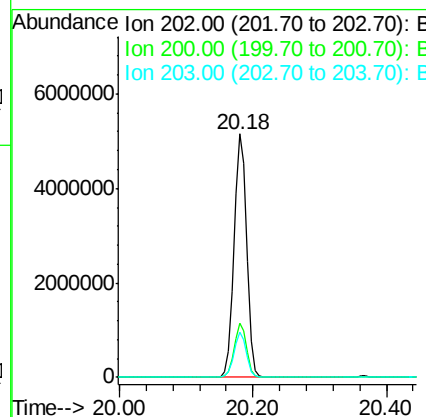
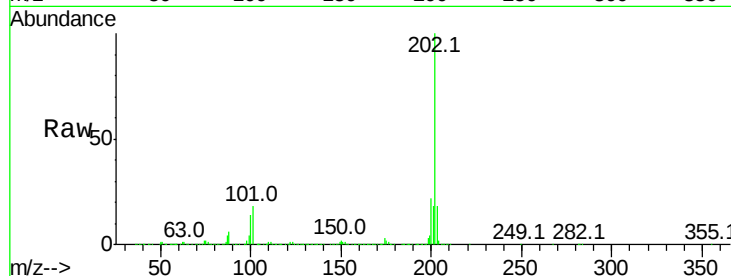




#77
 Pvrene
 Concen: 42.268 ng
 RT: 20.18 min Scan# 2923
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

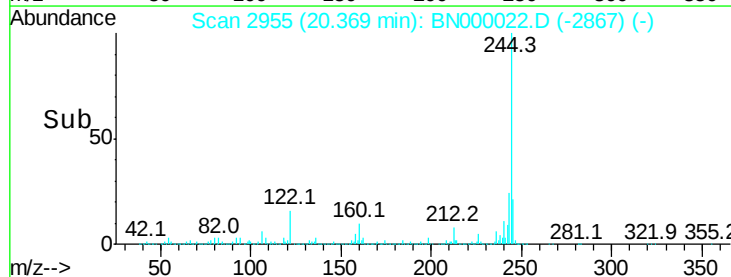
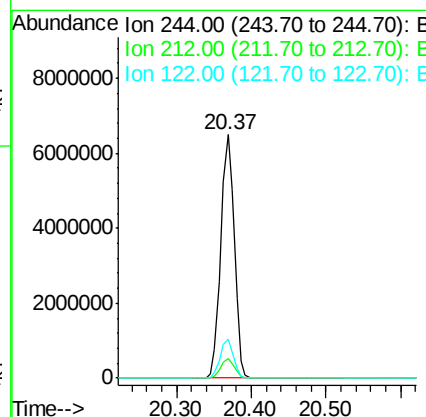
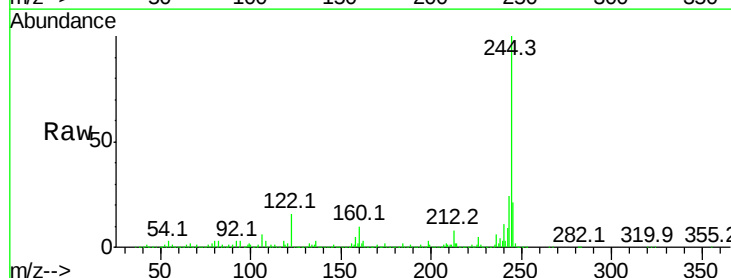
Instrument :
 BNA_N
 ClientSampleId :

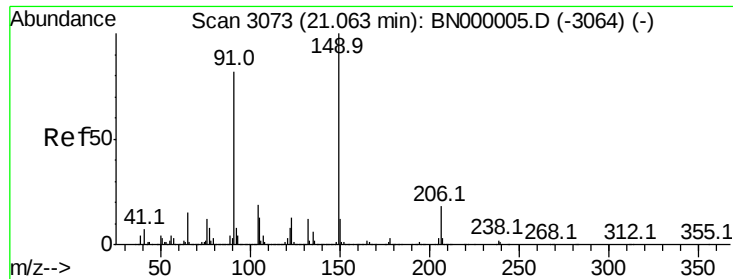
Tot Ion:202 Resp: 6910885
 Ion Ratio Lower Upper
 202 100
 200 22.0 16.9 25.3
 203 18.4 13.9 20.9



#78
 Terphenyl-d14
 Concen: 82.834 ng
 RT: 20.37 min Scan# 2955
 Delta R.T. -0.01 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Tgt Ion:244 Resp: 8133354
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.8 8.8
 122 15.7 7.0 10.4#

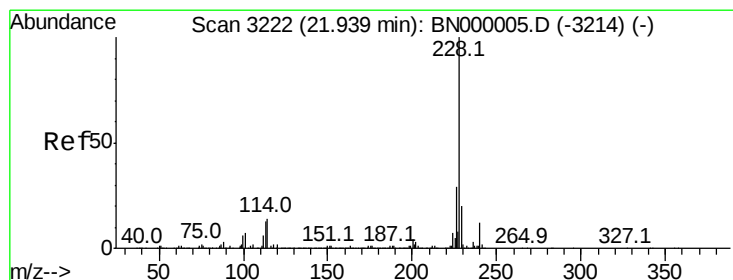
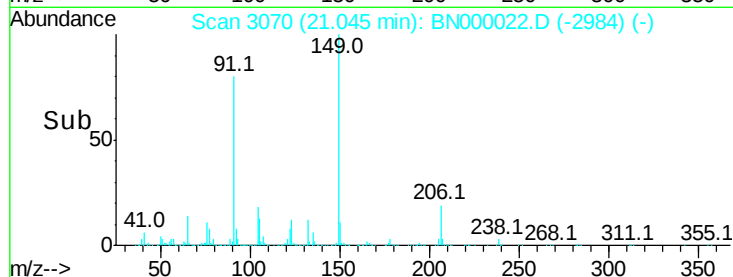
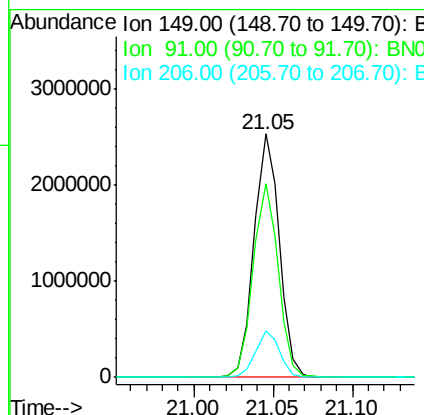
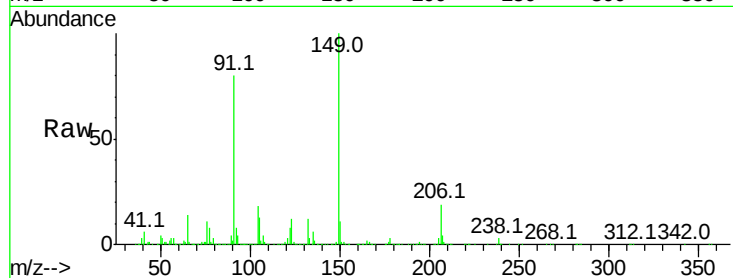




#79
Butylbenzylphthalate
Concen: 40.304 ng
RT: 21.05 min Scan# 3070
Delta R.T. -0.02 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

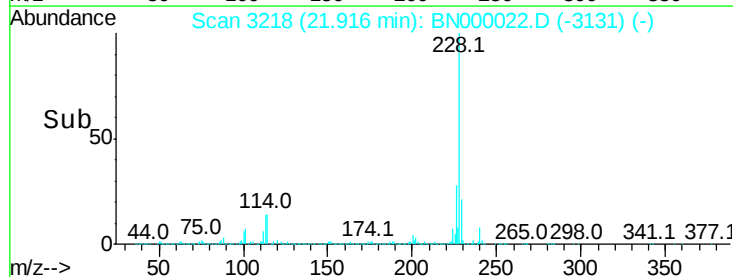
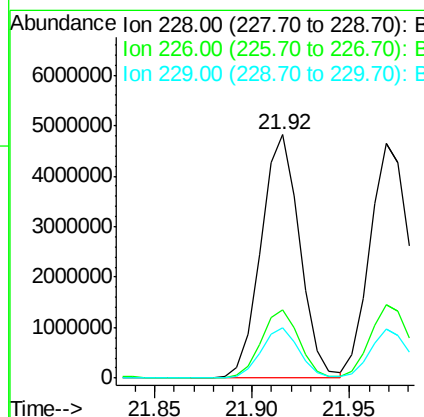
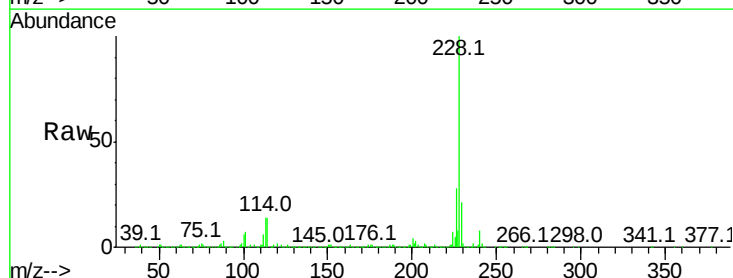
Instrument :
BNA_N
ClientSampleId :

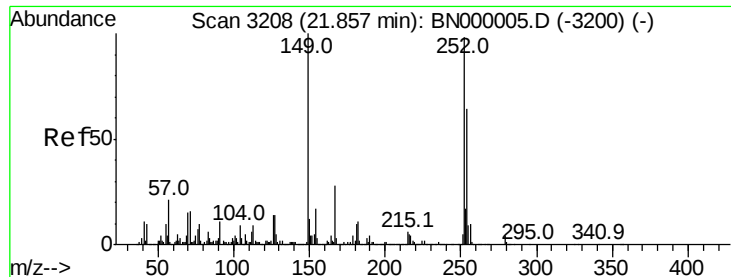
Tot Ion:149 Resp: 2802375
Ion Ratio Lower Upper
149 100
91 79.6 62.2 93.2
206 19.3 18.6 27.8



#80
Benzo(a)anthracene
Concen: 41.281 ng
RT: 21.92 min Scan# 3218
Delta R.T. -0.02 min
Lab File: BN000022.D
Acq: 06 Feb 2018 09:02

Tgt Ion:228 Resp: 6633106
Ion Ratio Lower Upper
228 100
226 28.2 22.7 34.1
229 20.6 16.2 24.2



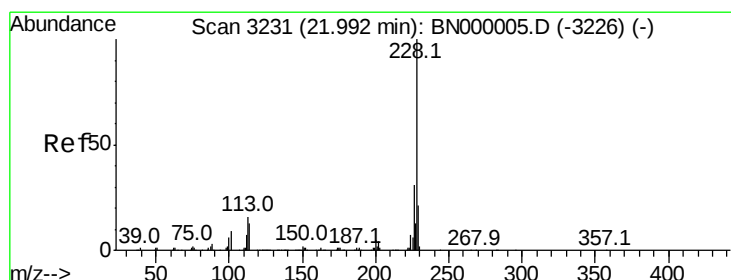
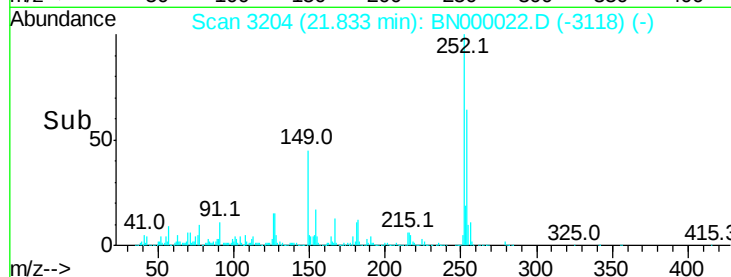
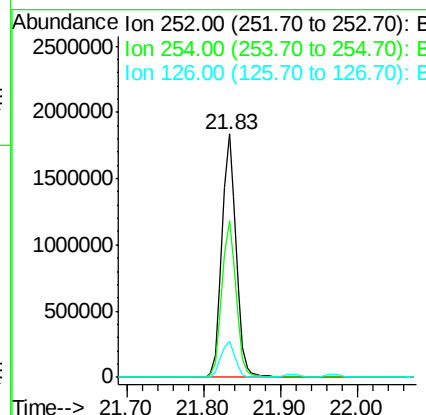
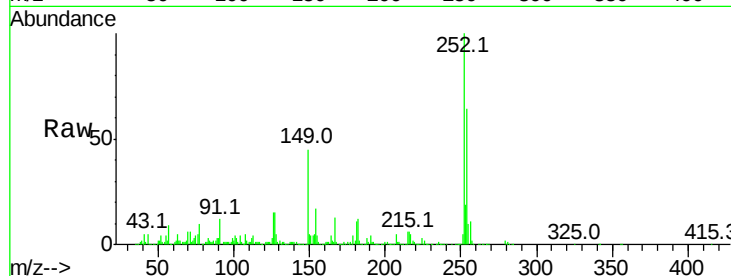


#81
 3,3'-Dichlorobenzidine
 Concen: 43.247 ng
 RT: 21.83 min Scan# 3204
 Delta R.T. -0.02 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:252 Resp: 2328676

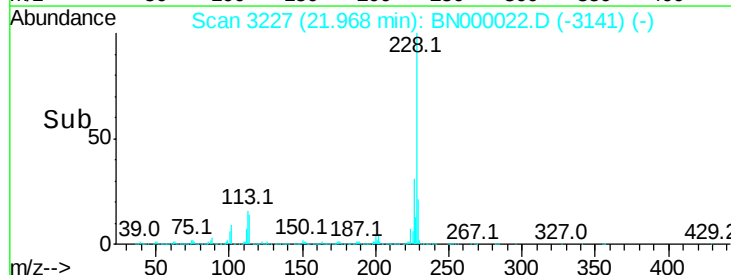
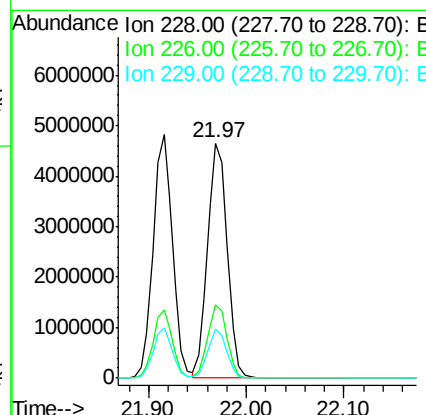
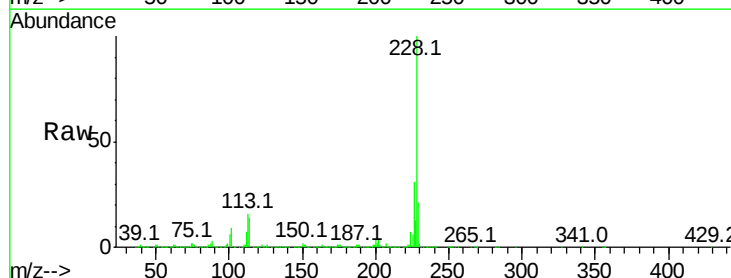
Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.8	76.2
126	14.7	7.4	11.2#

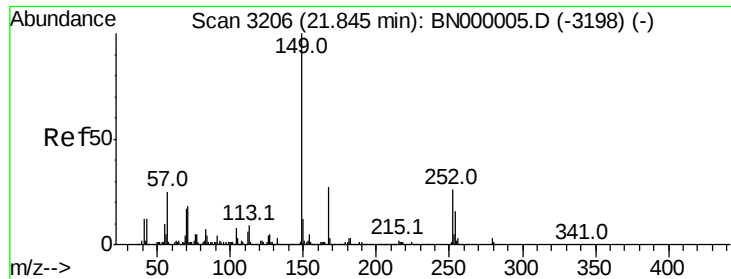


#82
 Chrysene
 Concen: 40.681 ng
 RT: 21.97 min Scan# 3227
 Delta R.T. -0.02 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Tgt Ion:228 Resp: 6491824

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.6	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.140 ng

RT: 21.82 min Scan# 3202

Delta R.T. -0.03 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampled :

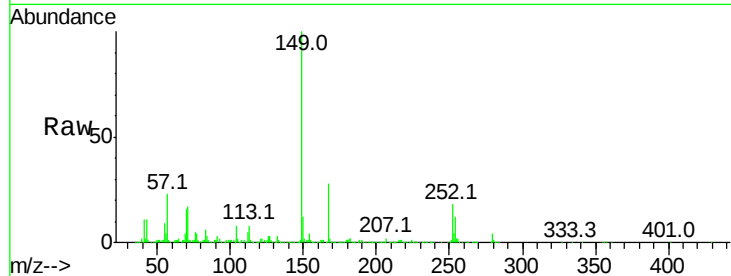
Tot Ion:149 Resp: 4544448

Ion Ratio Lower Upper

149 100

167 27.8 24.3 36.5

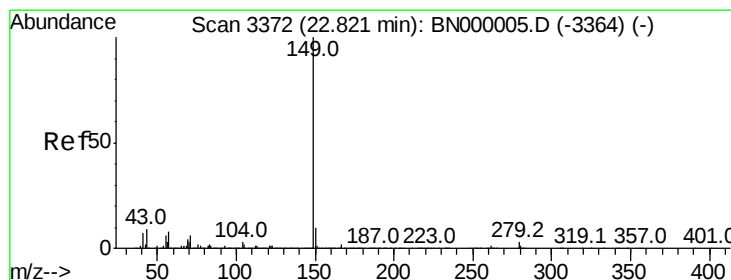
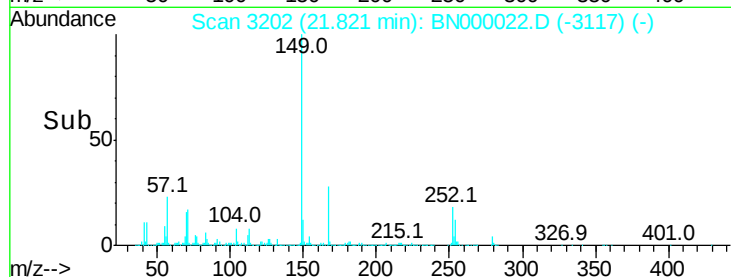
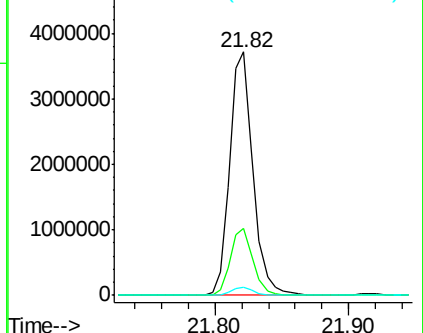
279 3.5 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.400 ng

RT: 22.79 min Scan# 3366

Delta R.T. -0.04 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

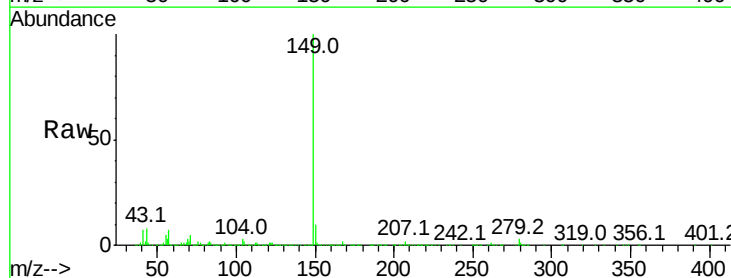
Tgt Ion:149 Resp: 7226118

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

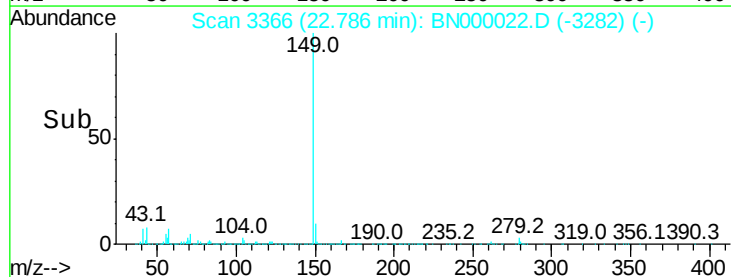
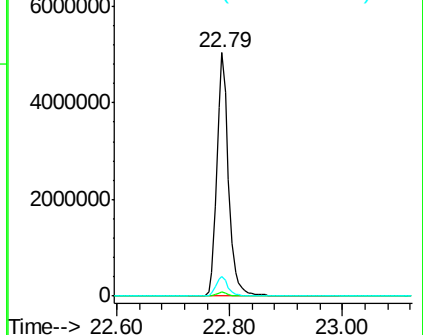
43 8.5 8.9 13.3#

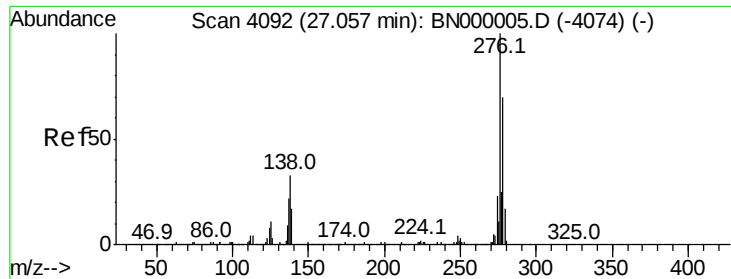


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC

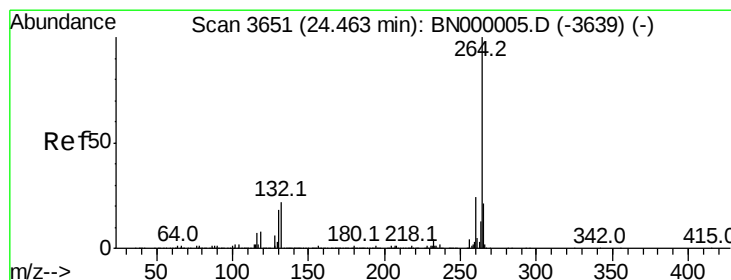
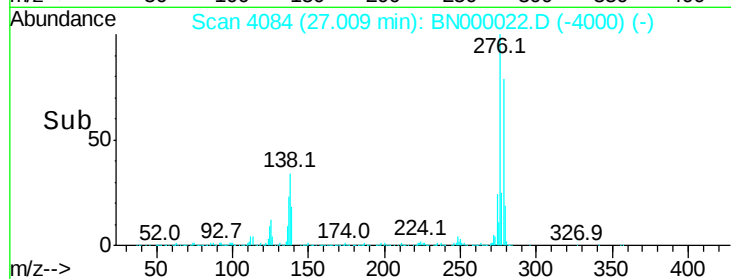
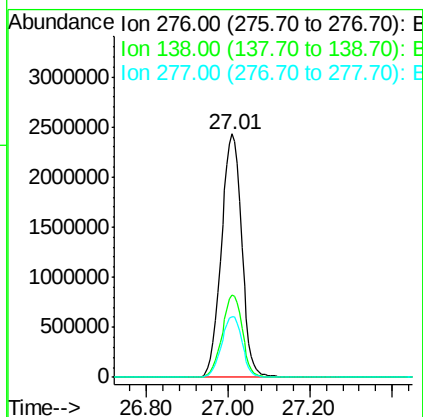
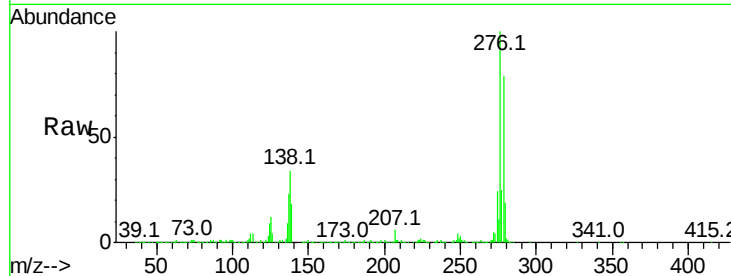




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.616 ng
 RT: 27.01 min Scan# 4084
 Delta R.T. -0.04 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

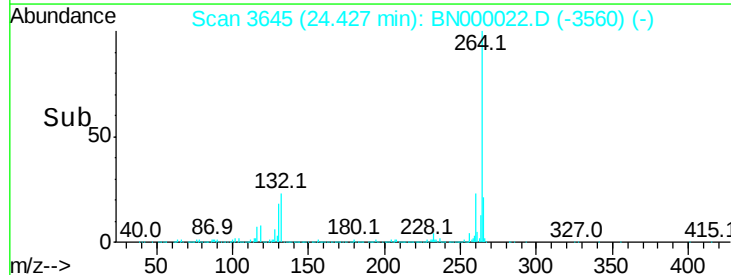
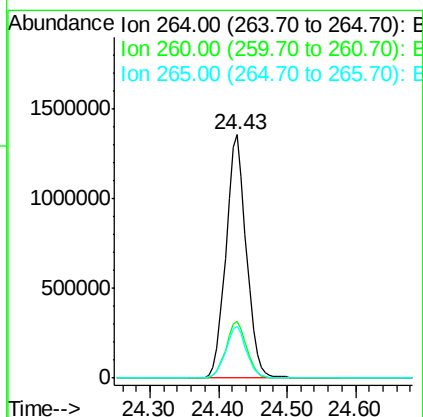
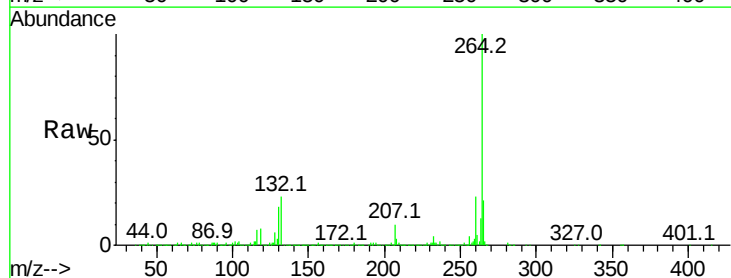
Instrument :
 BNA_N
 ClientSampleId :

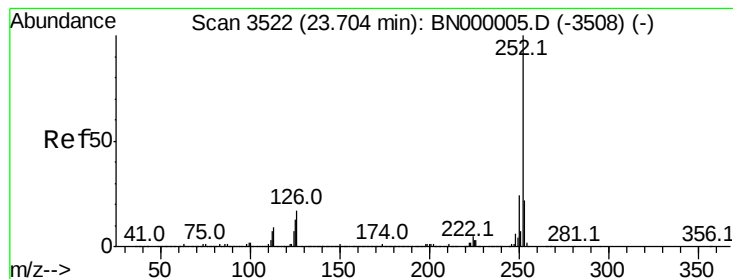
Tot Ion:276 Resp: 8360825
 Ion Ratio Lower Upper
 276 100
 138 33.7 16.0 24.0#
 277 25.2 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.43 min Scan# 3645
 Delta R.T. -0.03 min
 Lab File: BN000022.D
 Acq: 06 Feb 2018 09:02

Tgt Ion:264 Resp: 2799104
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.4 26.0
 265 21.0 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 40.414 ng

RT: 23.67 min Scan# 3516

Delta R.T. -0.03 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampled :

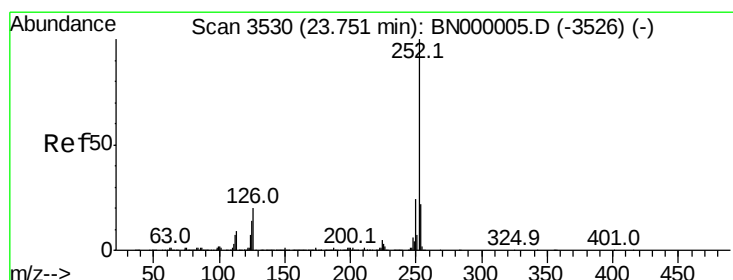
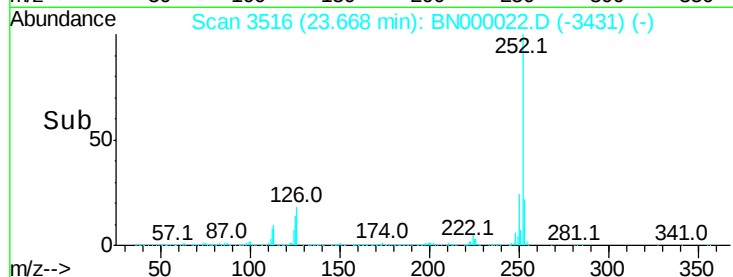
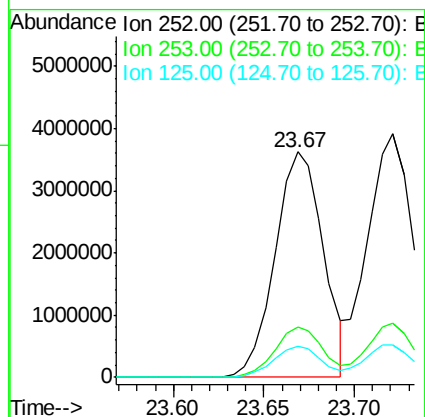
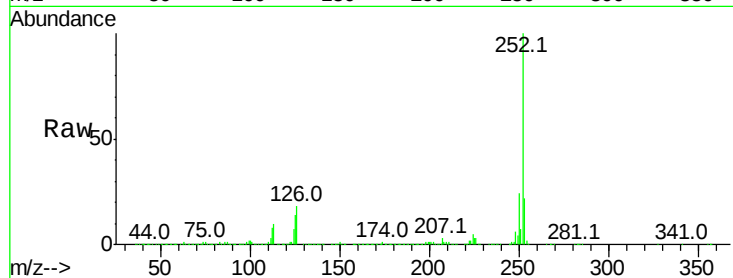
Tot Ion:252 Resp: 6726129

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

125 13.7 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 41.988 ng

RT: 23.72 min Scan# 3525

Delta R.T. -0.03 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

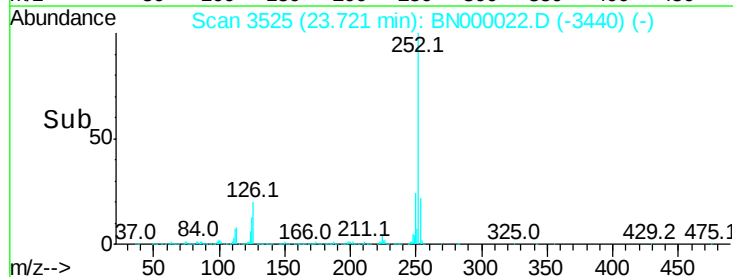
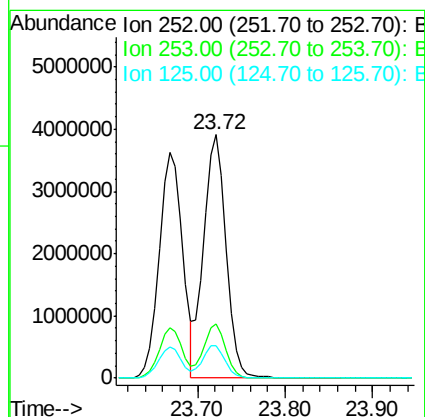
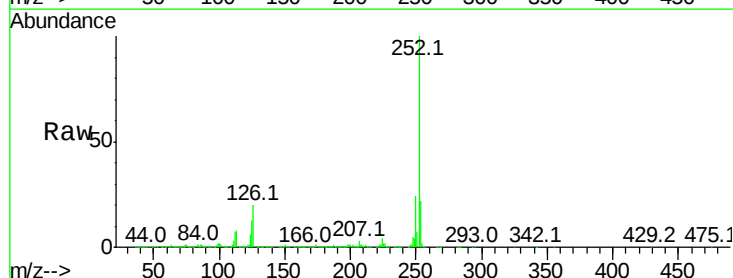
Tgt Ion:252 Resp: 7006508

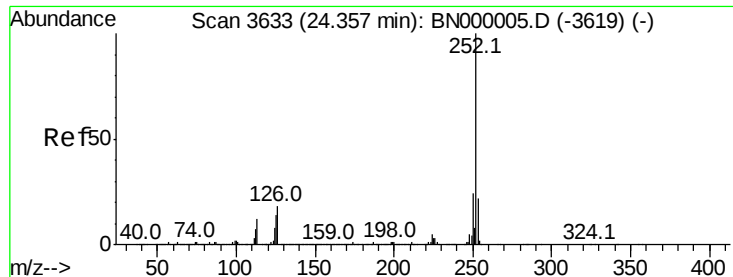
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 13.4 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 41.101 ng

RT: 24.32 min Scan# 3627

Delta R.T. -0.03 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

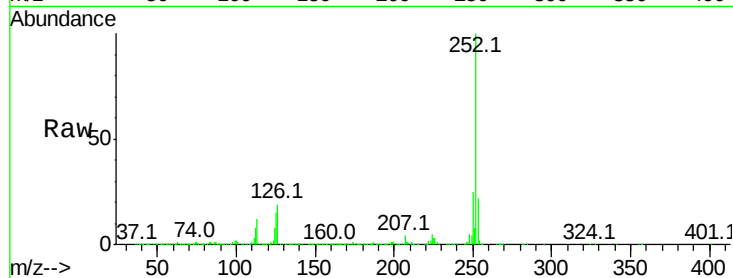
Tot Ion:252 Resp: 6645231

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

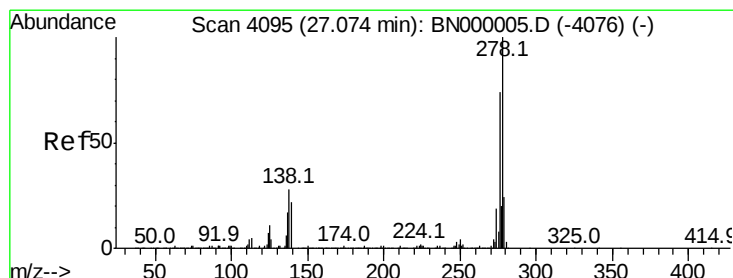
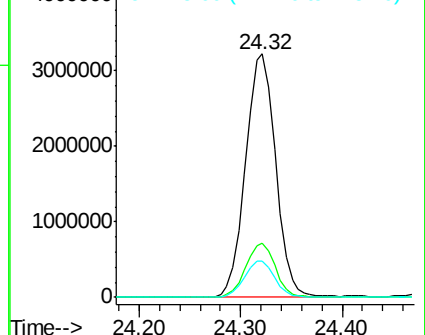
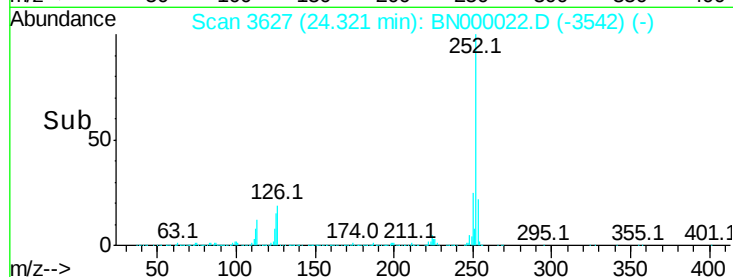
125 14.9 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.201 ng

RT: 27.02 min Scan# 4086

Delta R.T. -0.04 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

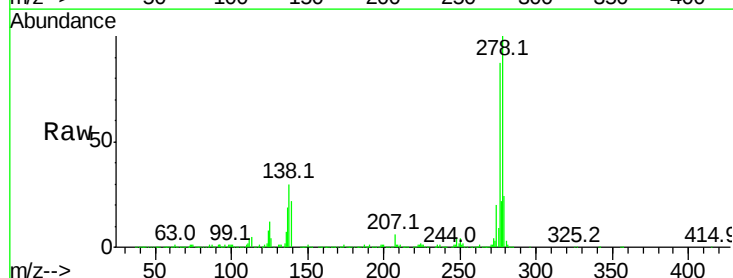
Tgt Ion:278 Resp: 6972301

Ion Ratio Lower Upper

278 100

139 21.6 9.8 14.6#

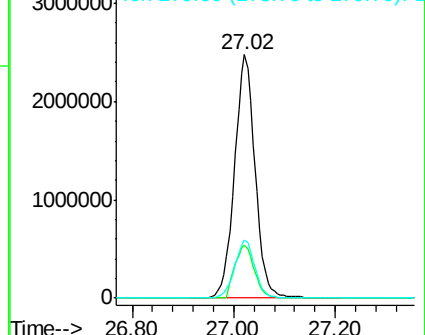
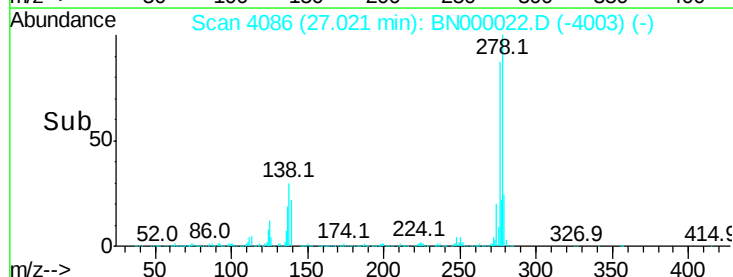
279 23.7 18.4 27.6

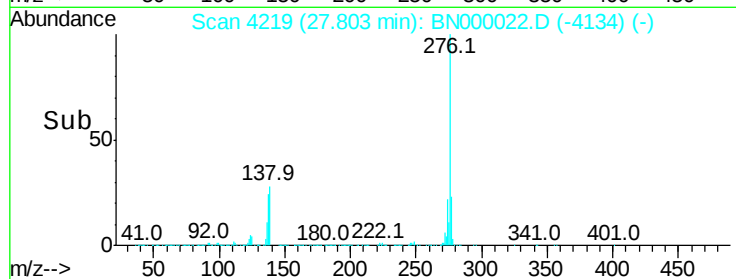
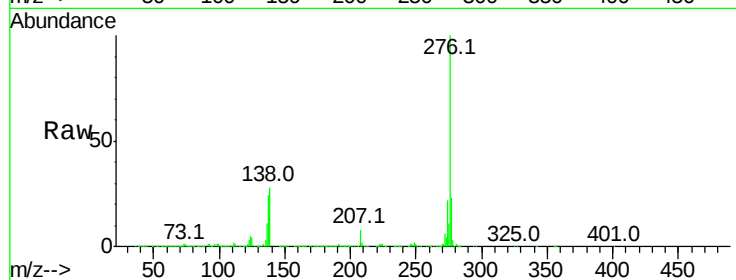
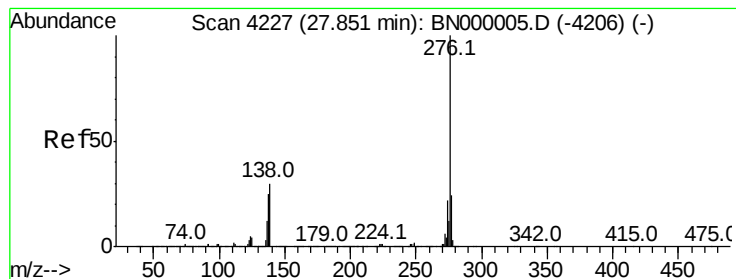


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.586 ng

RT: 27.80 min Scan# 4219

Delta R.T. -0.03 min

Lab File: BN000022.D

Acq: 06 Feb 2018 09:02

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 6980386

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.3	27.5
138	28.5	13.9	20.9

276 100

277 23.3 18.3 27.5

138 28.5 13.9 20.9

