

Data Path : U:\HPCHEM1\BNA N\DATA\BN020518\
 Data File : BN000020.D
 Acq On : 05 Feb 2018 17:10
 Operator :
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 06 05:24:14 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 19:48:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	275108	20.00	ng	-0.01
21) Naphthalene-d8	11.32	136	1428104	20.00	ng	-0.01
38) Acenaphthene-d10	15.09	164	891247	20.00	ng	0.00
63) Phenanthrene-d10	17.80	188	2024221	20.00	ng	0.00
75) Chrysene-d12	21.93	240	2380415	20.00	ng	-0.02
86) Perylene-d12	24.43	264	2605982	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.95	112	1418129	76.00	ng	0.00
7) Phenol-d6	7.59	99	2253827	79.52	ng	0.00
23) Nitrobenzene-d5	9.65	82	2002719	84.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.55	330	728544	81.32	ng	0.00
44) 2-Fluorobiphenyl	13.72	172	5289155	79.48	ng	-0.01
78) Terphenyl-d14	20.37	244	7366320	81.68	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	279574	37.876	ng	96
3) Pyridine	4.10	79	920840	41.134	ng	98
4) n-Nitrosodimethylamine	4.01	42	255317	38.765	ng	# 97
6) Aniline	7.78	93	1535633	39.747	ng	92
8) 2-Chlorophenol	8.02	128	821352	39.792	ng	86
9) Benzaldehyde	7.59	77	546202	36.712	ng	90
10) Phenol	7.62	94	1156005	39.904	ng	86
11) bis(2-Chloroethyl)ether	7.88	93	917972	39.720	ng	# 83
12) 1,3-Dichlorobenzene	8.36	146	918361	40.076	ng	99
13) 1,4-Dichlorobenzene	8.51	146	932701	39.631	ng	98
14) 1,2-Dichlorobenzene	8.84	146	930775	40.029	ng	97
15) Benzyl Alcohol	8.70	79	777596	37.361	ng	88
16) 2,2'-oxybis(1-Chloropropan	9.00	45	975556	39.027	ng	79
17) 2-Methylphenol	8.90	107	825935	39.539	ng	94
18) Hexachloroethane	9.58	117	314548	38.975	ng	# 81
19) n-Nitroso-di-n-propylamine	9.28	70	737188	38.599	ng	# 84
20) 3+4-Methylphenols	9.23	107	1158675	39.602	ng	94
22) Acetophenone	9.30	105	1671378	39.625	ng	# 88
24) Nitrobenzene	9.69	77	1080614	42.659	ng	# 94
25) Isophorone	10.22	82	2140384	38.260	ng	97
26) 2-Nitrophenol	10.42	139	313834	35.436	ng	91
27) 2,4-Dimethylphenol	10.45	122	874940	38.144	ng	96
28) bis(2-Chloroethoxy)methane	10.70	93	1303584	40.399	ng	97
29) 2,4-Dichlorophenol	10.95	162	793716	40.328	ng	96
30) 1,2,4-Trichlorobenzene	11.17	180	917848	39.825	ng	95
31) Naphthalene	11.37	128	3212789	40.113	ng	97
32) Benzoic acid	10.55	122	419936	35.579	ng	86
33) 4-Chloroaniline	11.46	127	1495127	40.265	ng	94
34) Hexachlorobutadiene	11.65	225	461462	39.301	ng	96
35) Caprolactam	12.20	113	346591	39.618	ng	96
36) 4-Chloro-3-methylphenol	12.55	107	1071970	40.057	ng	96
37) 2-Methylnaphthalene	12.95	142	2277509	40.241	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	1033114	39.796	ng	# 97
40) Hexachlorocyclopentadiene	13.28	237	350567	40.431	ng	92

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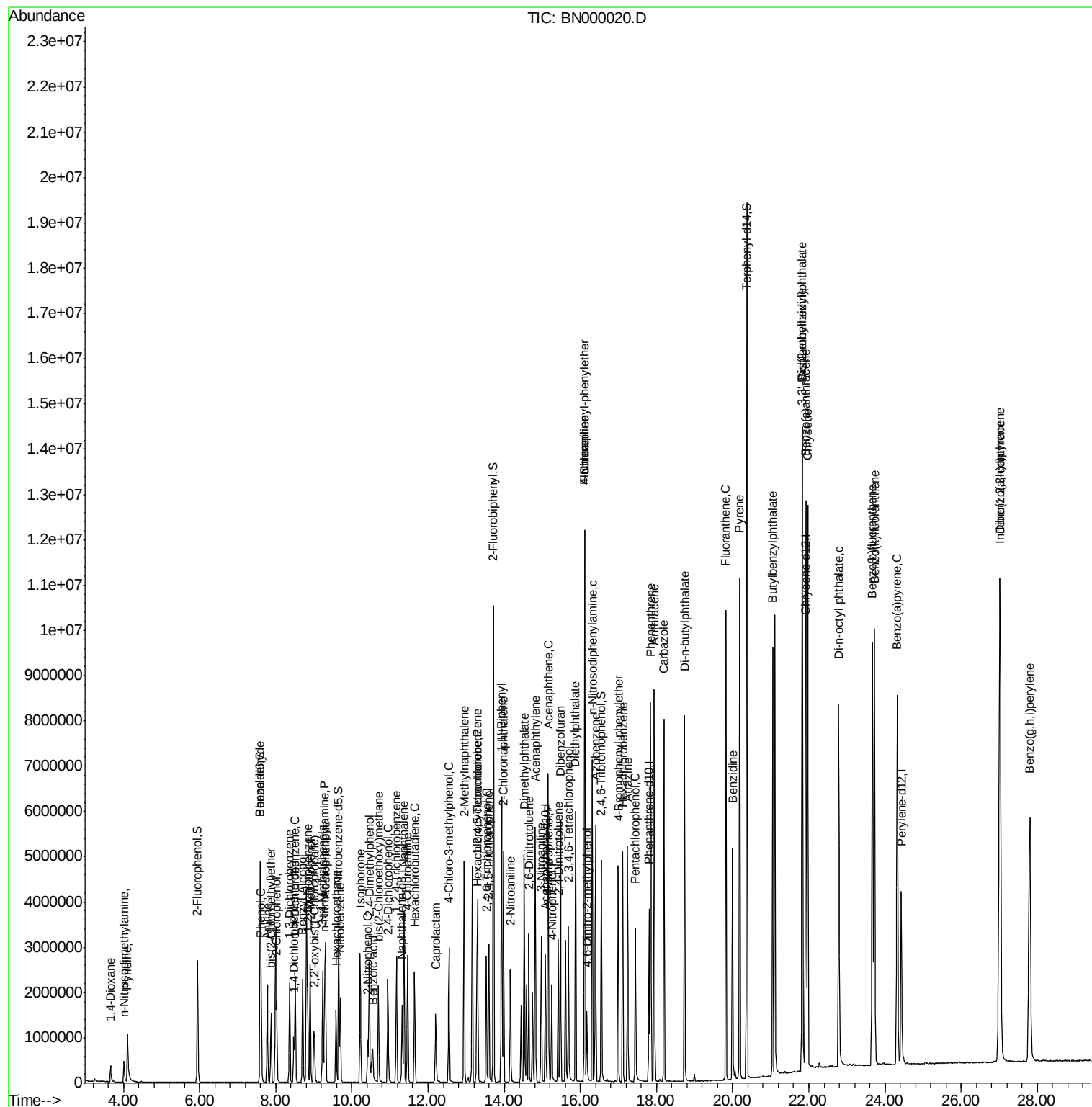
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42) 2,4,6-Trichlorophenol	13.53	196	605575	39.466	nq	98
43) 2,4,5-Trichlorophenol	13.59	196	737054	40.789	nq	# 93
45) 1,1'-Biphenyl	13.93	154	3132889	39.342	nq	98
46) 2-Chloronaphthalene	13.97	162	2371944	39.676	nq	97
47) 2-Nitroaniline	14.16	65	608170	37.658	nq	# 83
48) Acenaphthylene	14.81	152	4014674	39.992	nq	98
49) Dimethylphthalate	14.53	163	3177616	39.893	nq	99
50) 2,6-Dinitrotoluene	14.65	165	614996	39.011	nq	93
51) Acenaphthene	15.15	154	2522445	39.820	nq	99
52) 3-Nitroaniline	14.97	138	762487	39.175	nq	# 92
53) 2,4-Dinitrophenol	15.17	184	141002	41.981	nq	# 48
54) Dibenzofuran	15.47	168	3630103	39.934	nq	96
55) 4-Nitrophenol	15.25	139	545324	37.196	nq	# 87
56) 2,4-Dinitrotoluene	15.42	165	828573	39.031	nq	93
57) Fluorene	16.12	166	3057688	39.948	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.69	232	614458	41.755	nq	# 84
59) Diethylphthalate	15.87	149	3311499	39.789	nq	97
60) 4-Chlorophenyl-phenylether	16.11	204	1337052	39.523	nq	93
61) 4-Nitroaniline	16.12	138	825759	39.892	nq	91
62) Azobenzene	16.40	77	3322576	39.950	nq	90
64) 4,6-Dinitro-2-methylphenol	16.17	198	277778	37.433	nq	90
65) n-Nitrosodiphenylamine	16.32	169	2713649	41.024	nq	96
66) 4-Bromophenyl-phenylether	16.99	248	761005	40.176	nq	# 85
67) Hexachlorobenzene	17.11	284	890270	40.796	nq	# 87
68) Atrazine	17.24	200	835350	41.428	nq	94
69) Pentachlorophenol	17.45	266	507694	38.845	nq	99
70) Phenanthrene	17.85	178	4969070	40.798	nq	99
71) Anthracene	17.94	178	4979018	41.266	nq	99
72) Carbazole	18.19	167	5121550	41.027	nq	97
73) Di-n-butylphthalate	18.73	149	5685085	41.008	nq	99
74) Fluoranthene	19.82	202	5653944	40.883	nq	93
76) Benzidine	19.99	184	2552685	42.365	nq	95
77) Pyrene	20.18	202	6135169	40.853	nq	99
79) Butylbenzylphthalate	21.05	149	2422031	36.466	nq	# 94
80) Benzo(a)anthracene	21.92	228	6118174	41.455	nq	99
81) 3,3'-Dichlorobenzidine	21.83	252	2105837	42.579	nq	# 96
82) Chrysene	21.97	228	5957076	40.642	nq	98
83) Bis(2-ethylhexyl)phthalate	21.82	149	4055159	40.939	nq	# 95
84) Di-n-octyl phthalate	22.79	149	6442813	40.187	nq	# 95
85) Indeno(1,2,3-cd)pyrene	27.01	276	7865068	41.598	nq	# 86
87) Benzo(b)fluoranthene	23.67	252	6496342	41.926	nq	# 96
88) Benzo(k)fluoranthene	23.72	252	6284887	40.455	nq	# 95
89) Benzo(a)pyrene	24.32	252	6192840	41.141	nq	# 95
90) Dibenzo(a,h)anthracene	27.03	278	6581362	41.773	nq	# 90
91) Benzo(g,h,i)perylene	27.80	276	6601215	41.226	nq	# 88

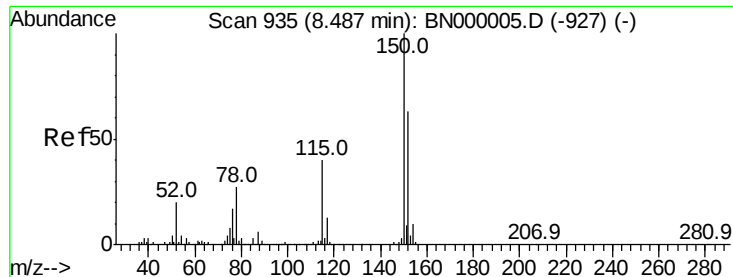
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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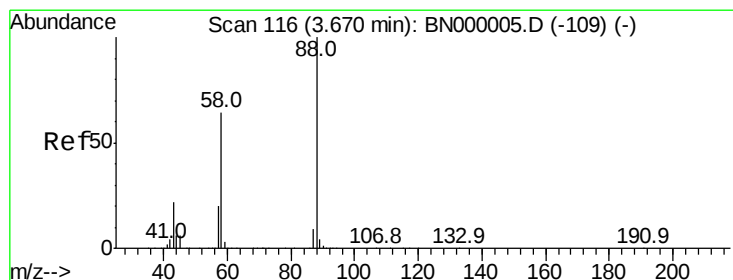
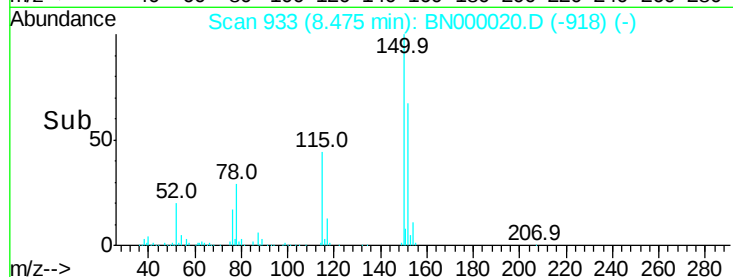
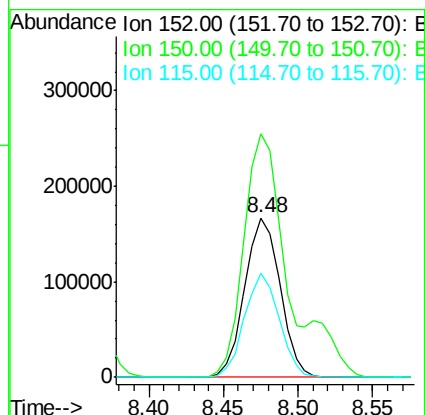
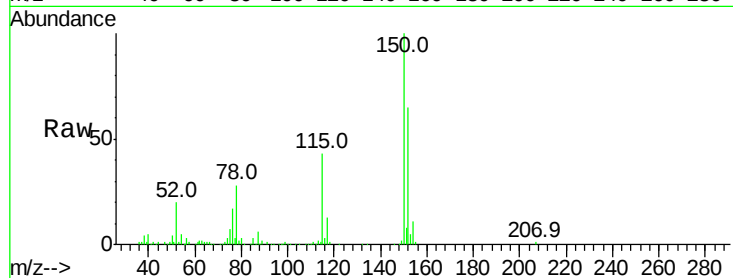


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 933
Delta R.T. -0.01 min
Lab File: BN000020.D
Acq: 05 Feb 2018 17:10

Instrument :
BNA_N
ClientSampleId :

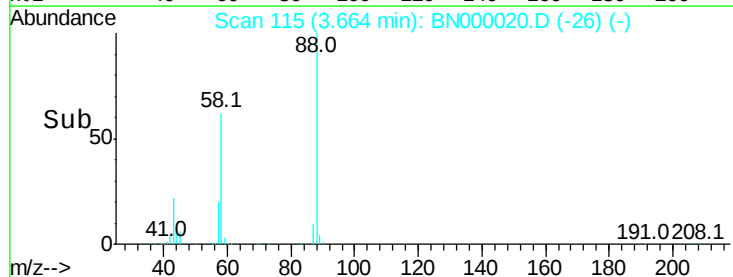
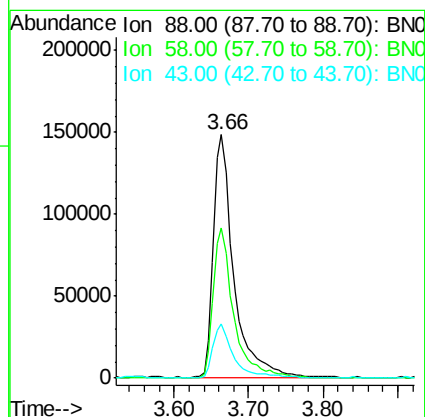
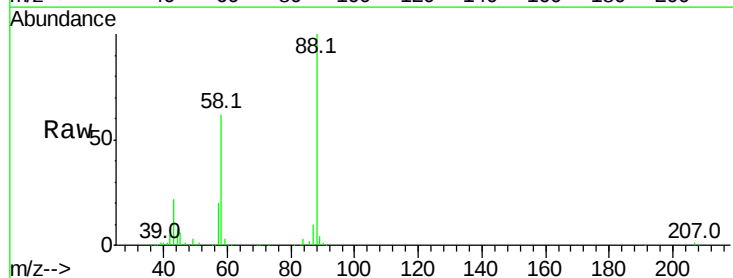
Tot Ion:152 Resp: 275108
Ion Ratio Lower Upper
152 100
150 152.8 126.6 189.8
115 65.5 53.0 79.4

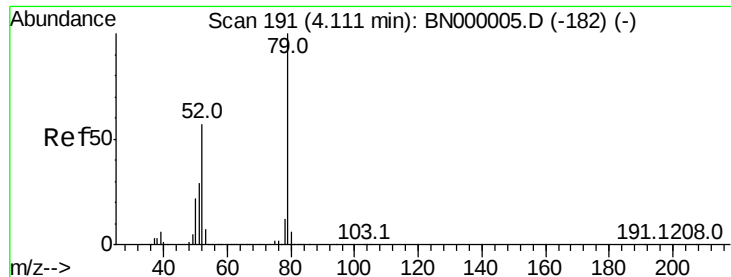


#2

1,4-Dioxane
Concen: 37.876 ng
RT: 3.66 min Scan# 115
Delta R.T. -0.01 min
Lab File: BN000020.D
Acq: 05 Feb 2018 17:10

Tgt Ion: 88 Resp: 279574
Ion Ratio Lower Upper
88 100
58 62.6 52.0 78.0
43 22.2 20.0 30.0





#3

Pvridine

Concen: 41.134 ng

RT: 4.10 min Scan# 190

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Instrument :

BNA_N

ClientSampled :

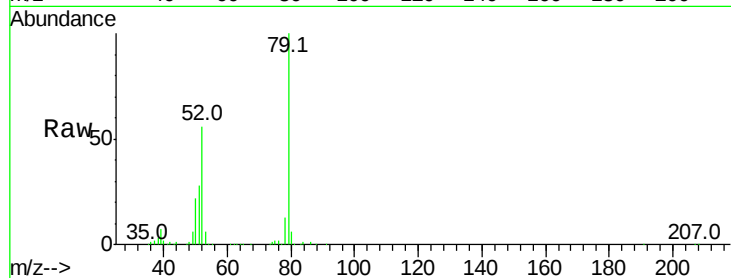
Tot Ion: 79 Resp: 920840

Ion Ratio Lower Upper

79 100

52 55.6 44.0 66.0

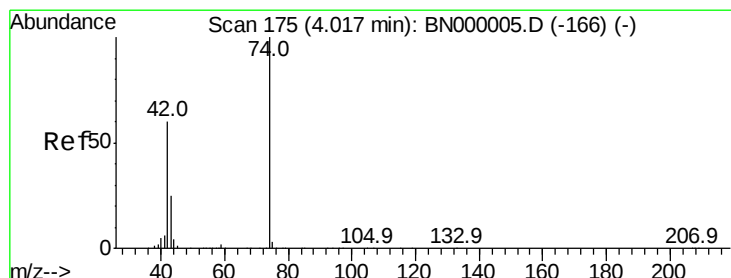
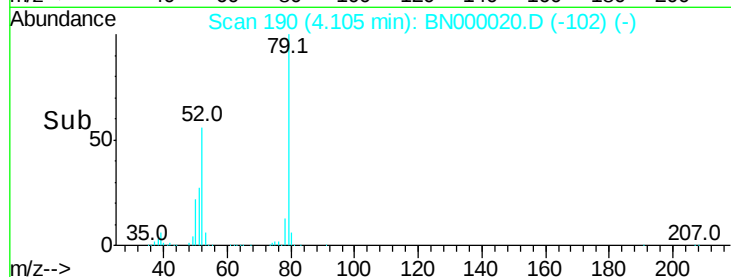
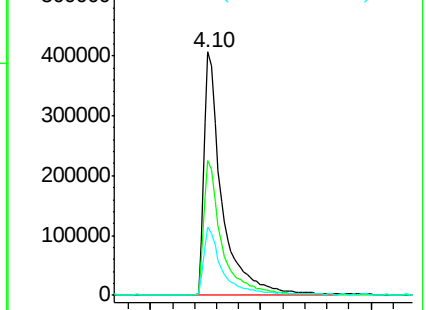
51 28.0 24.0 36.0



Abundance Ion 79.00 (78.70 to 79.70): BN000005.D (-182) (-)

Ion 52.00 (51.70 to 52.70): BN000005.D (-182) (-)

Ion 51.00 (50.70 to 51.70): BN000005.D (-182) (-)



#4

n-Nitrosodimethylamine

Concen: 38.765 ng

RT: 4.01 min Scan# 174

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

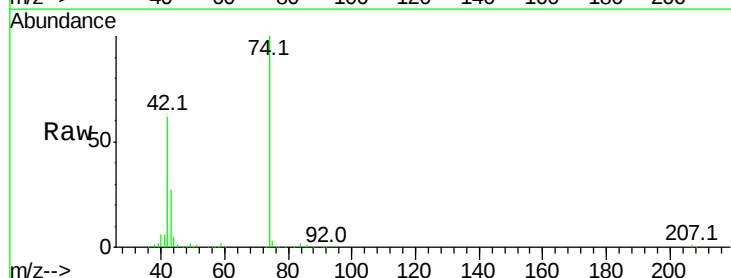
Tgt Ion: 42 Resp: 255317

Ion Ratio Lower Upper

42 100

74 162.5 128.0 192.0

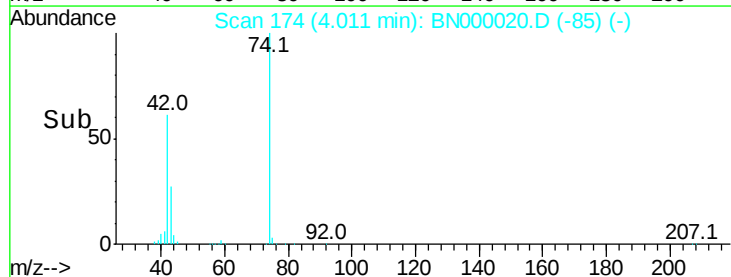
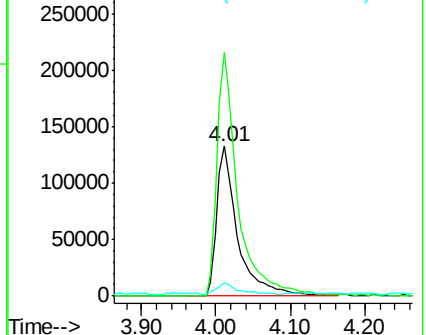
44 8.5 12.0 18.0#

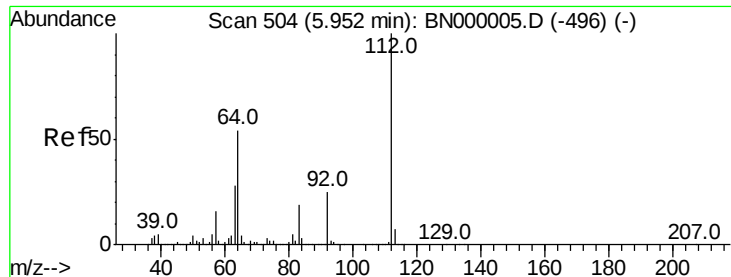


Abundance Ion 42.00 (41.70 to 42.70): BN000005.D (-166) (-)

Ion 74.00 (73.70 to 74.70): BN000005.D (-166) (-)

Ion 44.00 (43.70 to 44.70): BN000005.D (-166) (-)





#5

2-Fluorophenol

Concen: 76.004 ng

RT: 5.95 min Scan# 503

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Instrument :

BNA_N

ClientSampled :

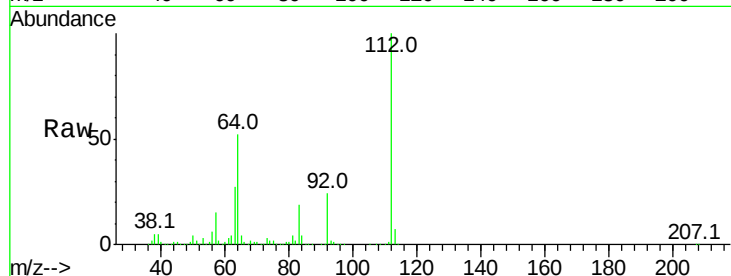
Tot Ion:112 Resp: 1418129

Ion Ratio Lower Upper

112 100

64 52.2 56.3 84.5#

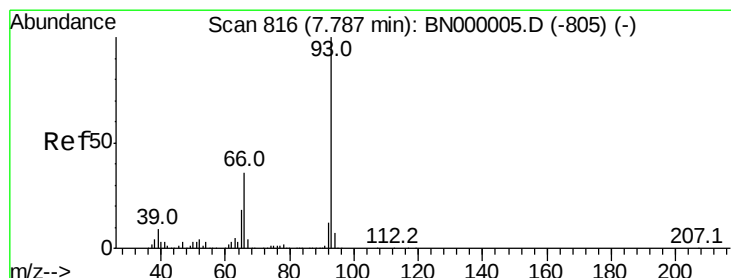
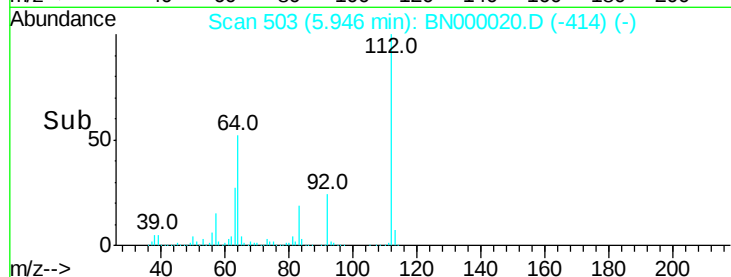
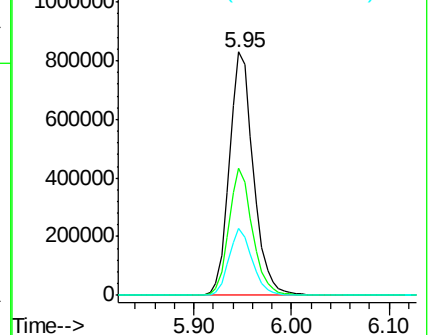
63 27.5 30.1 45.1#



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: 39.747 ng

RT: 7.78 min Scan# 814

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

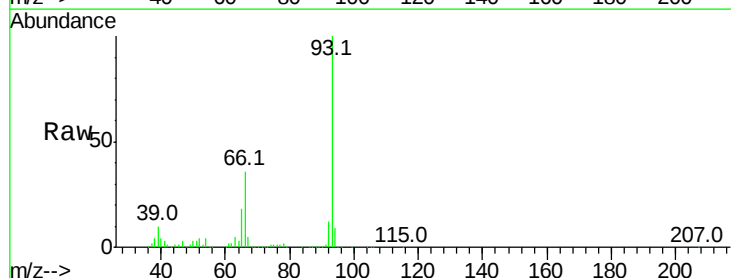
Tgt Ion: 93 Resp: 1535633

Ion Ratio Lower Upper

93 100

66 36.1 33.7 50.5

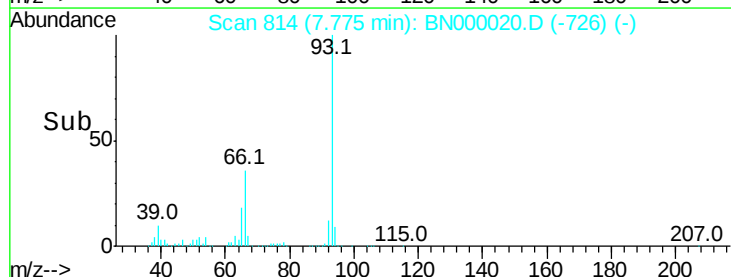
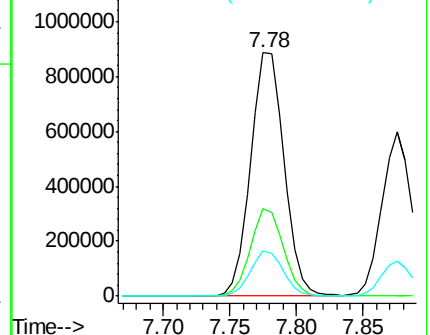
65 18.5 16.1 24.1

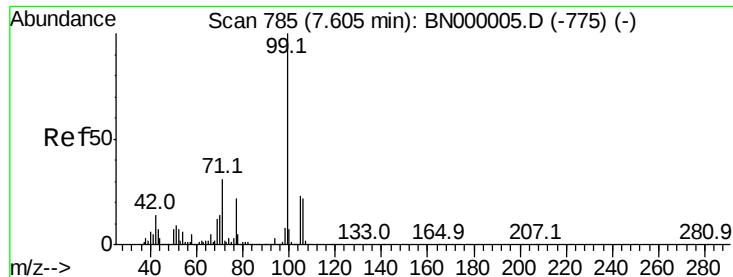


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 79.524 ng

RT: 7.59 min Scan# 783

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

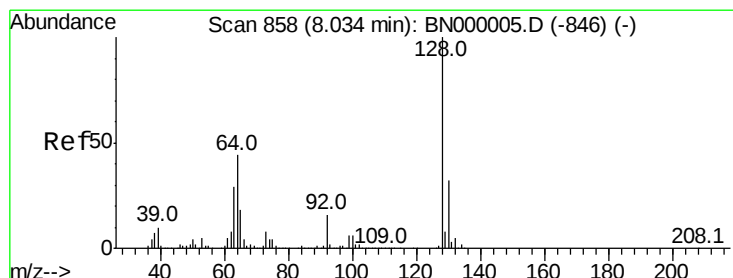
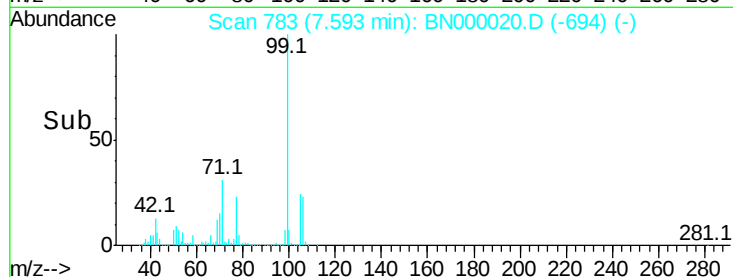
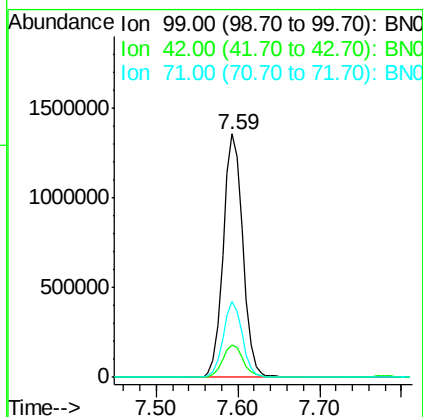
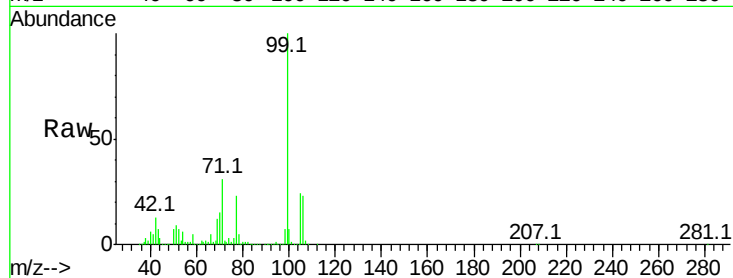
Instrument :

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Tot Ion: 99 Resp: 2253827

Ion	Ratio	Lower	Upper
99	100		
42	13.4	14.1	21.1#
71	31.1	26.1	39.1



#8

2-Chlorophenol

Concen: 39.792 ng

RT: 8.02 min Scan# 856

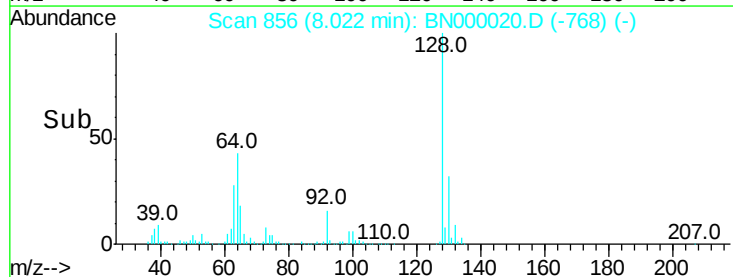
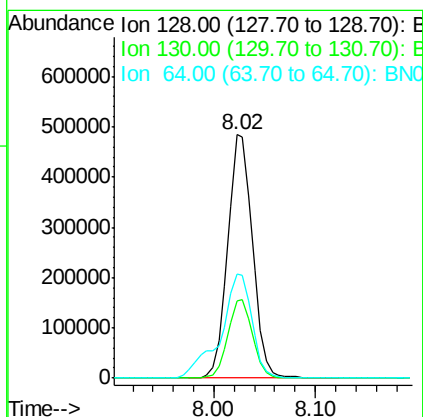
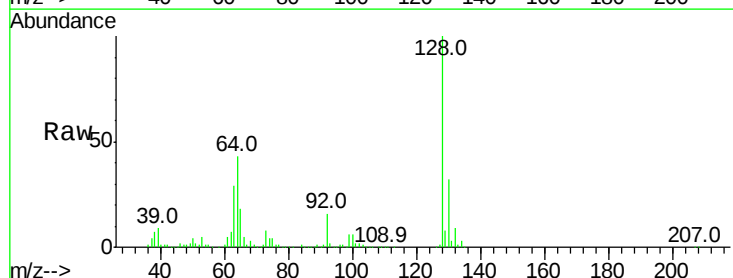
Delta R.T. -0.01 min

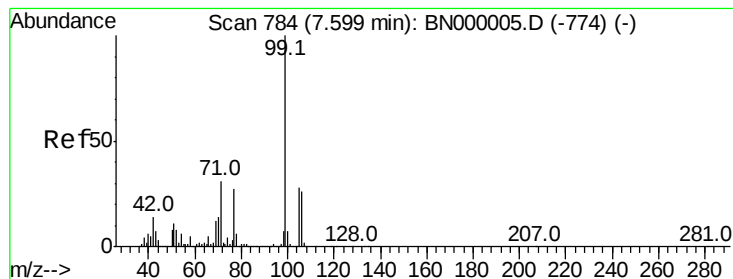
Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Tgt Ion: 128 Resp: 821352

Ion	Ratio	Lower	Upper
128	100		
130	31.8	14.0	54.0
64	42.8	37.7	77.7





#9

Benzaldehyde

Concen: 36.712 ng

RT: 7.59 min Scan# 782

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Instrument :

BNA_N

ClientSampleId :

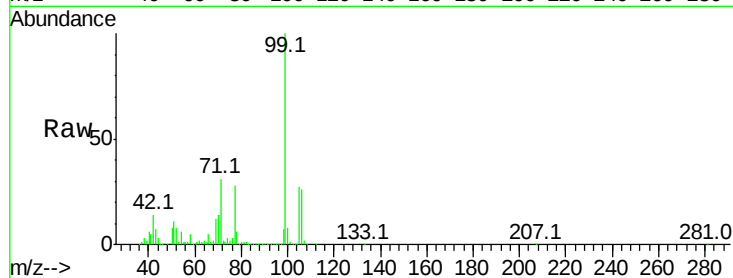
Tot Ion: 77 Resp: 546202

Ion Ratio Lower Upper

77 100

105 98.7 71.3 111.3

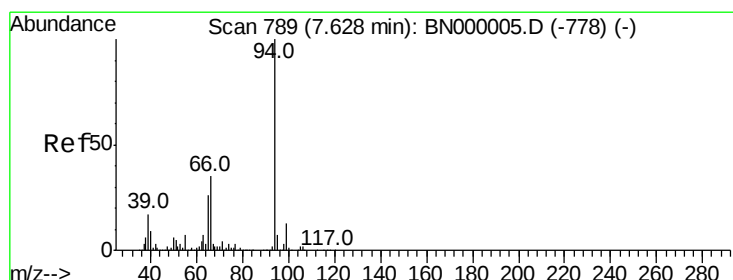
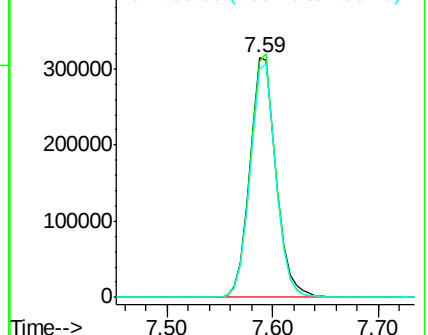
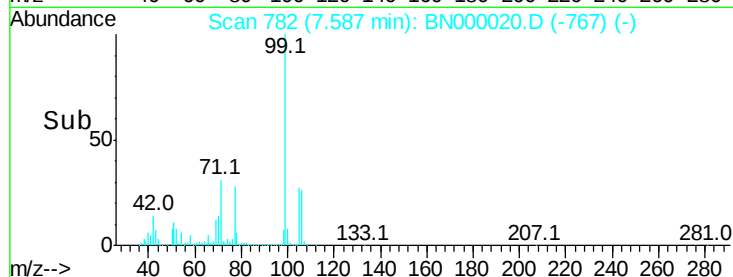
106 95.5 64.2 104.2



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: 39.904 ng

RT: 7.62 min Scan# 788

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

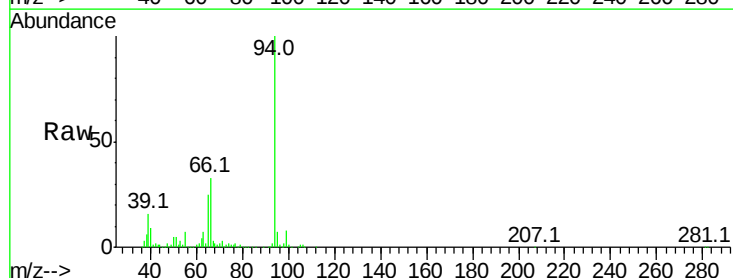
Tgt Ion: 94 Resp: 1156005

Ion Ratio Lower Upper

94 100

65 25.0 11.9 51.9

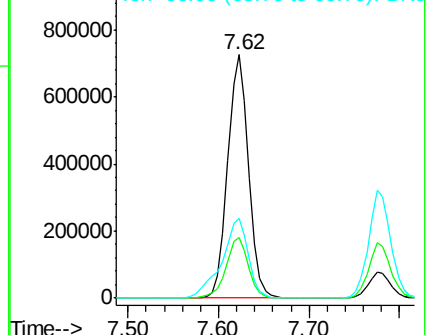
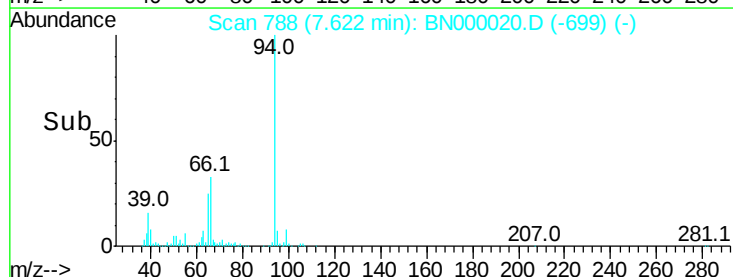
66 32.9 22.2 62.2

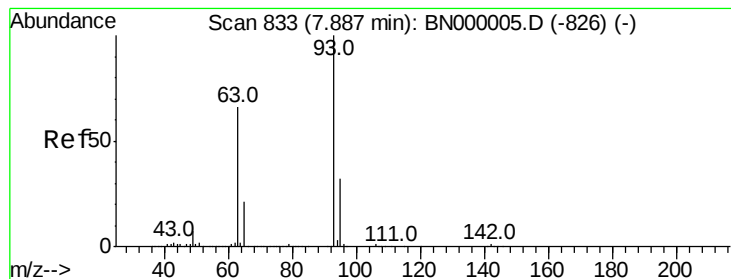


Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0





#11

bis(2-Chloroethyl)ether

Concen: 39.720 ng

RT: 7.88 min Scan# 831

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Instrument :

BNA_N

ClientSampled :

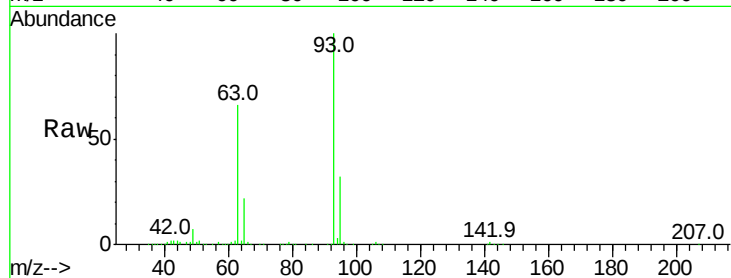
Tot Ion: 93 Resp: 917972

Ion Ratio Lower Upper

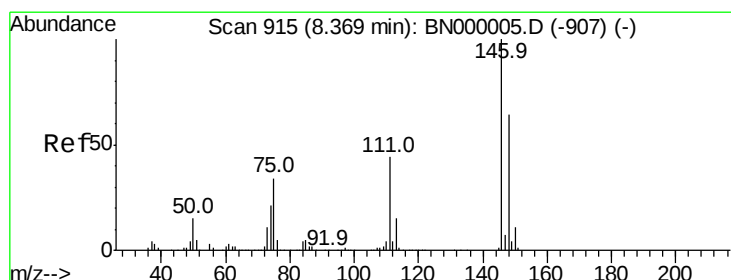
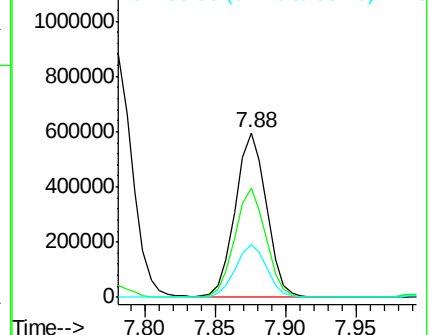
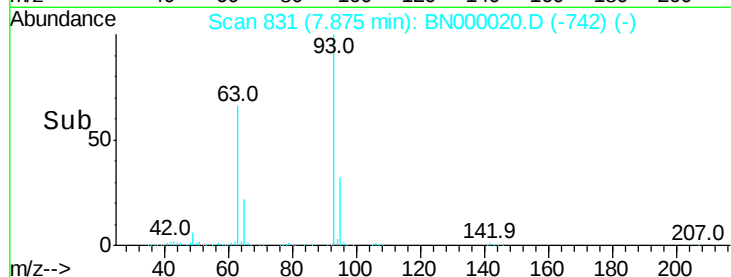
93 100

63 66.4 67.1 107.1#

95 32.2 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0



#12

1,3-Dichlorobenzene

Concen: 40.076 ng

RT: 8.36 min Scan# 914

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

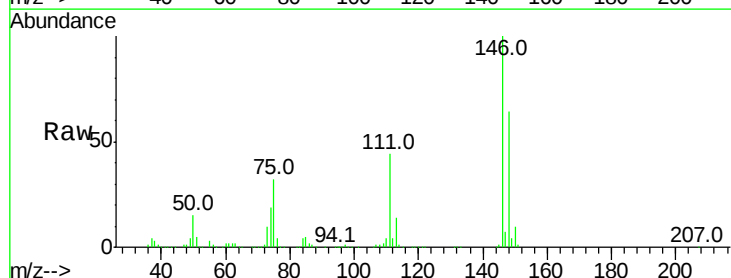
Tgt Ion: 146 Resp: 918361

Ion Ratio Lower Upper

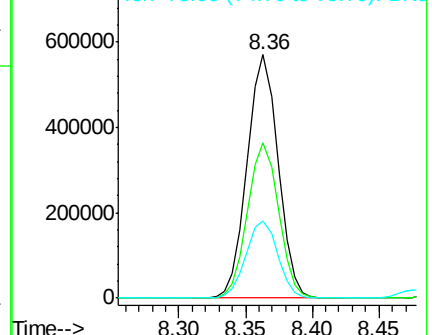
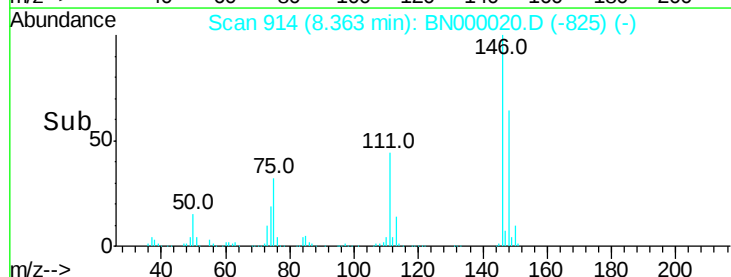
146 100

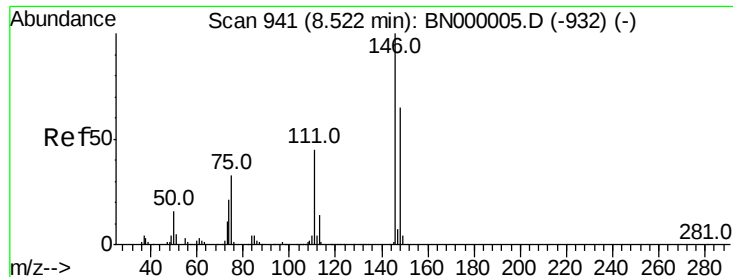
148 63.8 51.4 77.2

75 31.8 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BN0

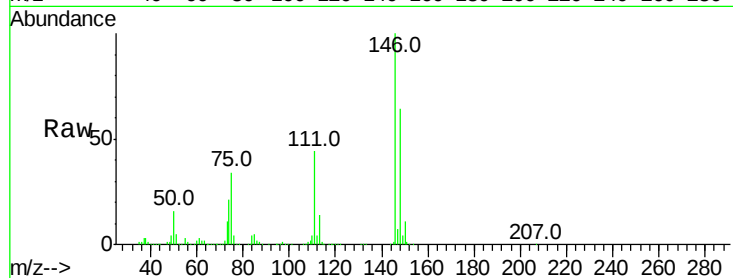




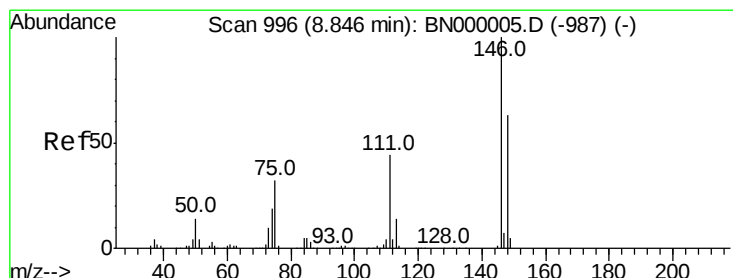
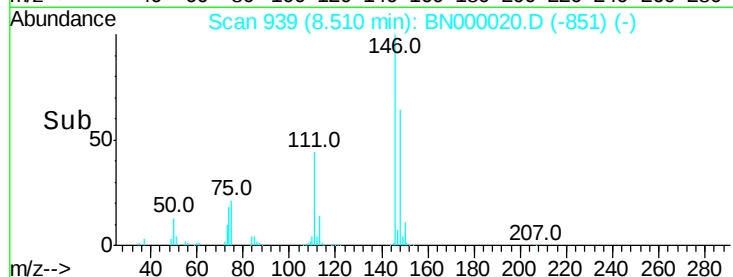
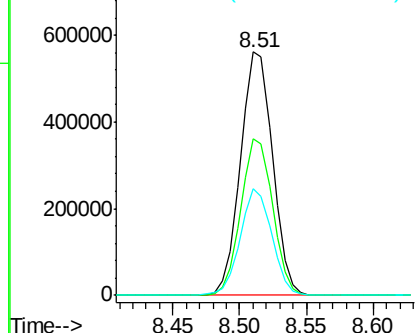
#13
 1,4-Dichlorobenzene
 Concen: 39.631 ng
 RT: 8.51 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BN000020.D
 Acq: 05 Feb 2018 17:10

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:146 Resp: 932701
 Ion Ratio Lower Upper
 146 100
 148 64.1 53.7 80.5
 111 43.6 35.2 52.8

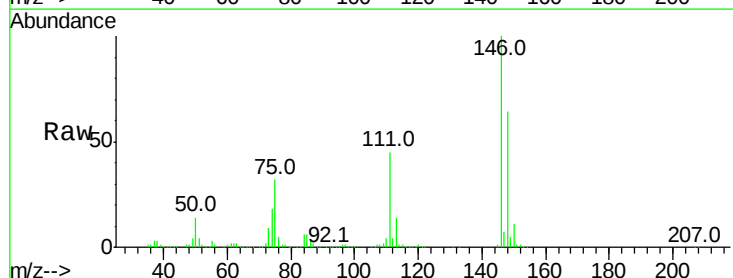


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

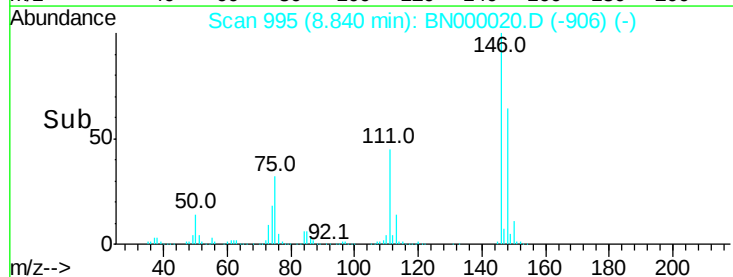
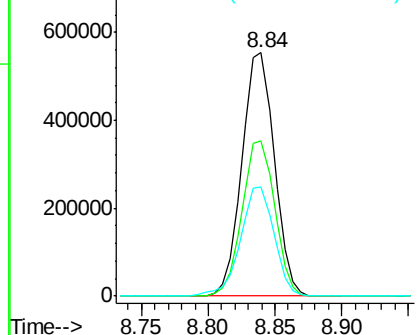


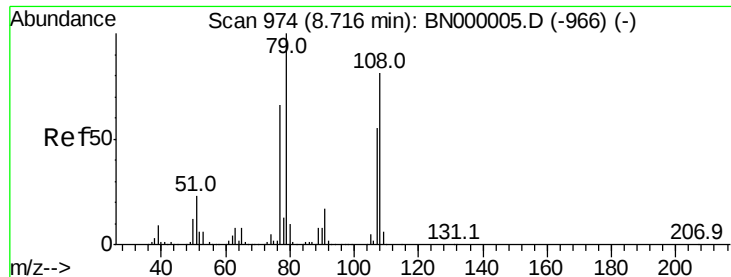
#14
 1,2-Dichlorobenzene
 Concen: 40.029 ng
 RT: 8.84 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BN000020.D
 Acq: 05 Feb 2018 17:10

Tgt Ion:146 Resp: 930775
 Ion Ratio Lower Upper
 146 100
 148 64.0 49.3 73.9
 111 45.1 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 37.361 ng

RT: 8.70 min Scan# 972

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Instrument :

BNA_N

ClientSampleId :

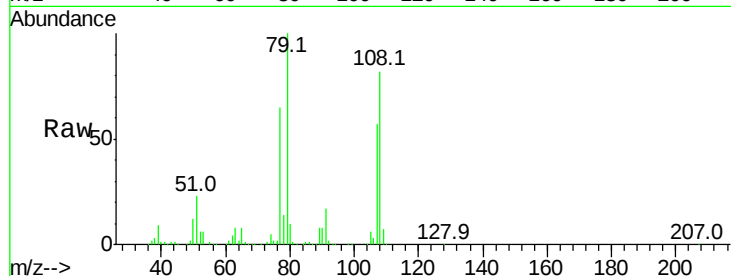
Tot Ion: 79 Resp: 777596

Ion Ratio Lower Upper

79 100

108 81.7 57.2 85.8

77 65.4 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BN000005.D (-966) (-)

Ion 108.00 (107.70 to 108.70): BN000005.D (-966) (-)

Ion 77.00 (76.70 to 77.70): BN000005.D (-966) (-)

8.70

400000

300000

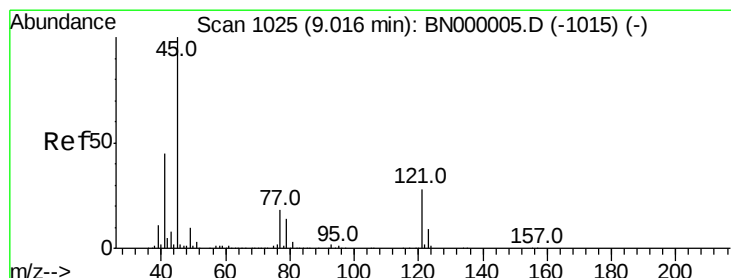
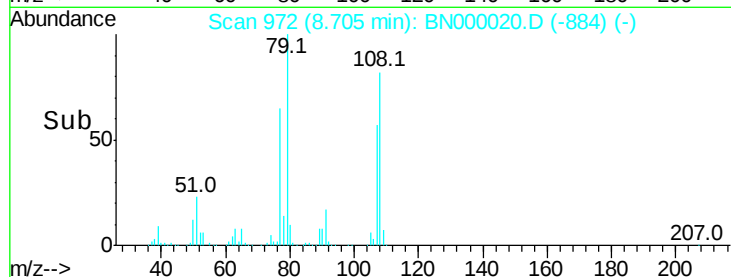
200000

100000

0

8.60 8.65 8.70 8.75 8.80

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.027 ng

RT: 9.00 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

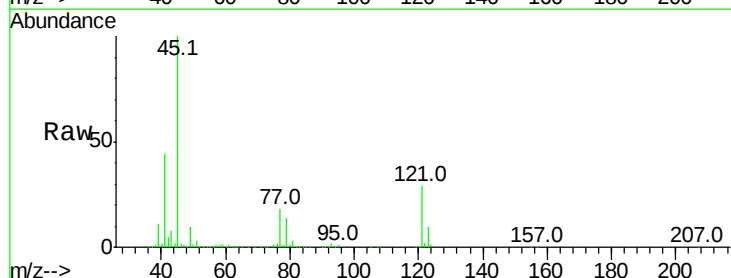
Tgt Ion: 45 Resp: 975556

Ion Ratio Lower Upper

45 100

77 18.5 0.0 30.2

79 14.4 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BN000005.D (-1015) (-)

Ion 77.00 (76.70 to 77.70): BN000005.D (-1015) (-)

Ion 79.00 (78.70 to 79.70): BN000005.D (-1015) (-)

9.00

400000

300000

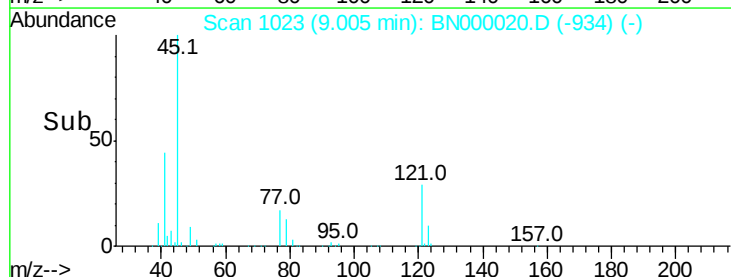
200000

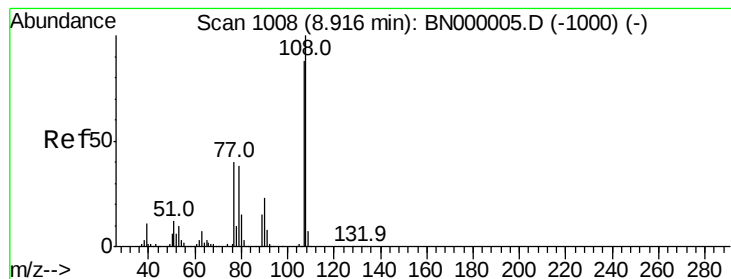
100000

0

8.90 8.95 9.00 9.05

Time-->

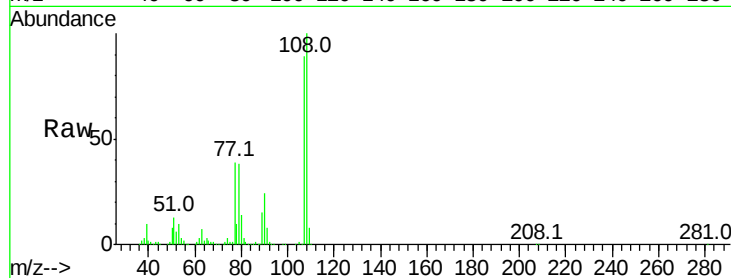




#17
2-Methylphenol
Concen: 39.539 ng
RT: 8.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BN000020.D
Acq: 05 Feb 2018 17:10

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	83.9	125.9
77	44.2	37.2	55.8
79	42.9	36.2	54.2



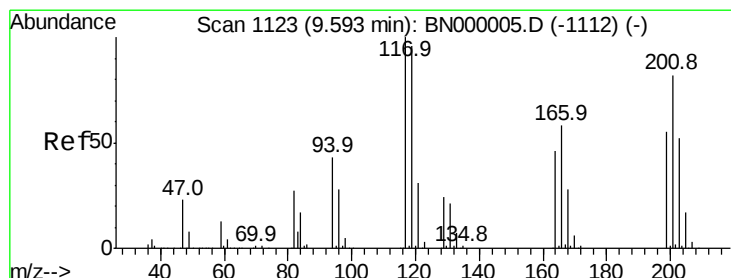
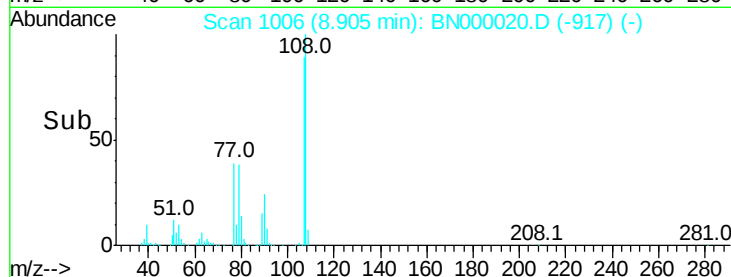
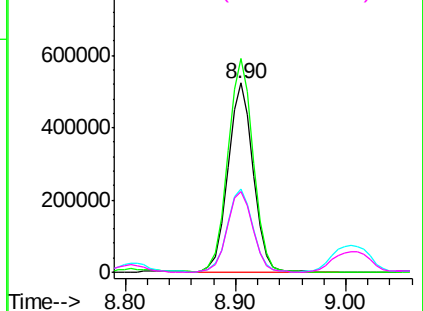
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

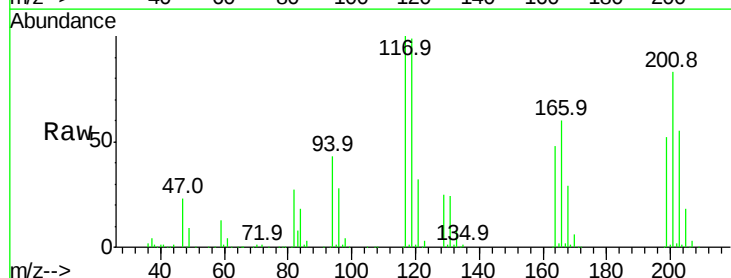
Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18
Hexachloroethane
Concen: 38.975 ng
RT: 9.58 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BN000020.D
Acq: 05 Feb 2018 17:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	76.7	115.1
201	83.2	95.7	143.5#

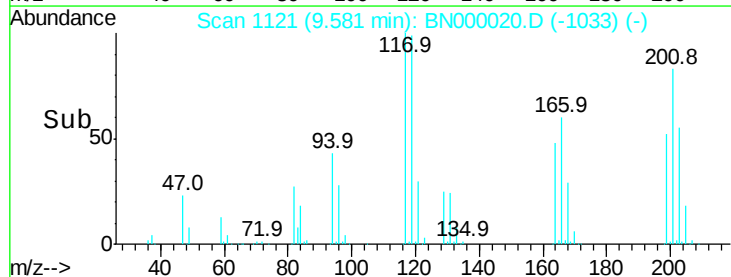
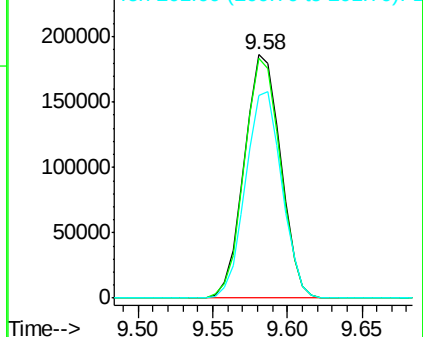


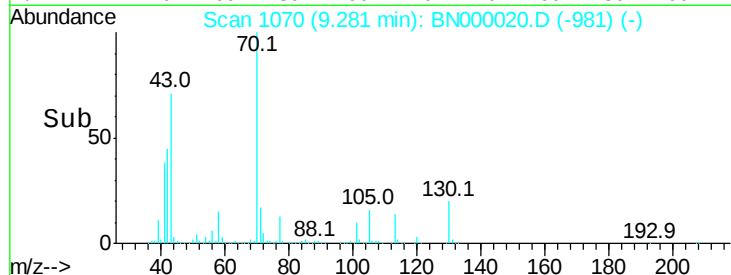
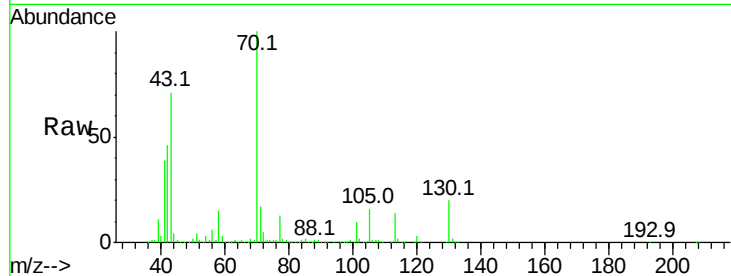
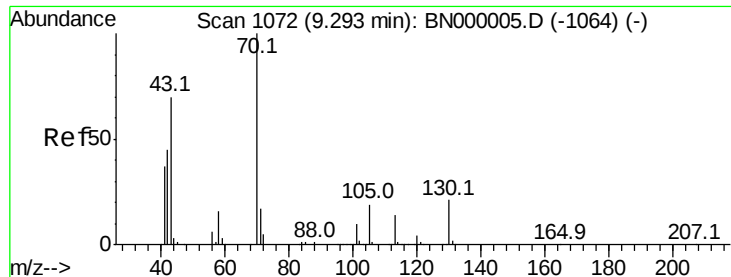
Abundance

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

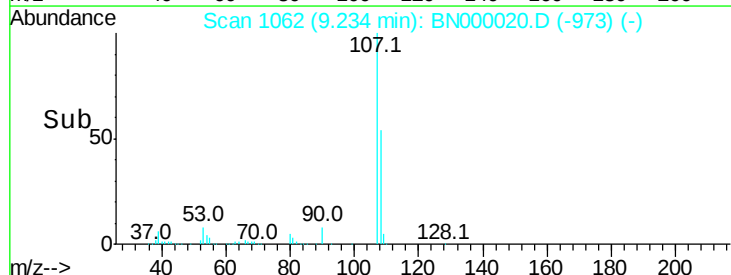
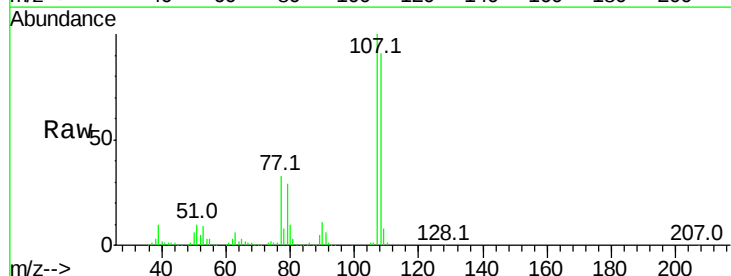
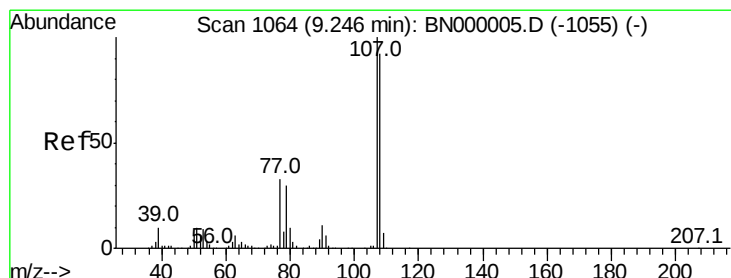
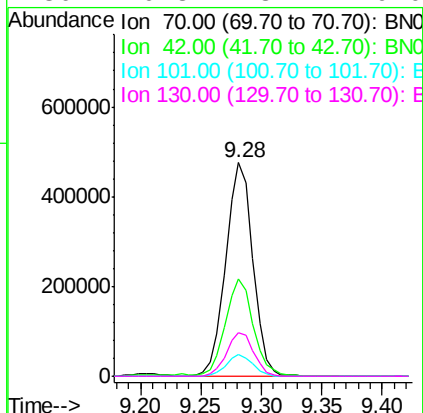




#19
n-Nitroso-di-n-propylamine
Concen: 38.599 ng
RT: 9.28 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BN000020.D
Acq: 05 Feb 2018 17:10

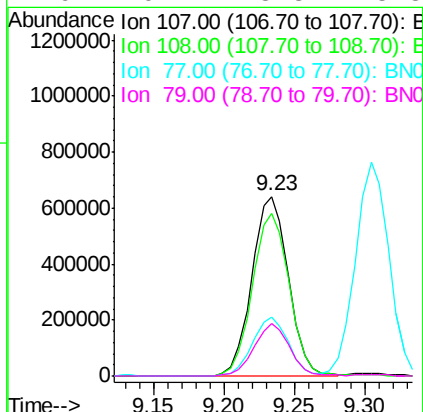
Instrument :
BNA_N
ClientSampleId :

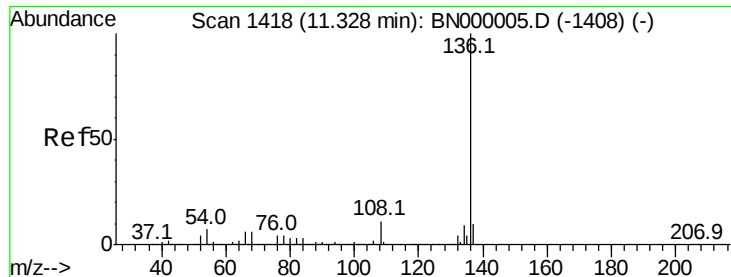
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.6	49.1	73.7#
101	10.0	8.5	12.7
130	20.3	13.4	20.0#



#20
3+4-Methylphenols
Concen: 39.602 ng
RT: 9.23 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BN000020.D
Acq: 05 Feb 2018 17:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	61.6	101.6
77	32.8	13.9	53.9
79	29.2	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.32 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 1428104

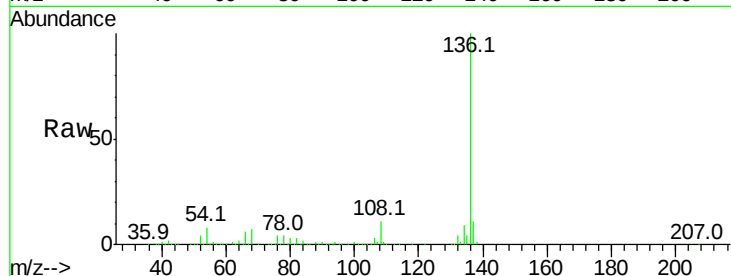
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 7.6 10.3 15.5#

68 6.6 4.5 6.7

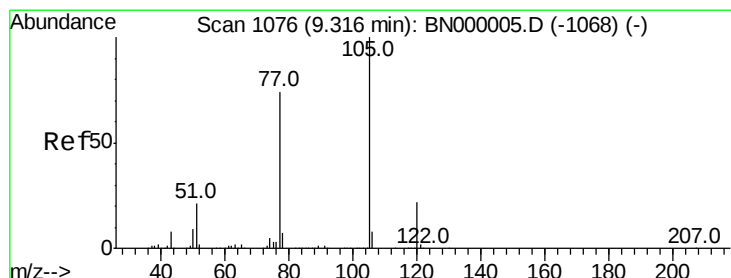
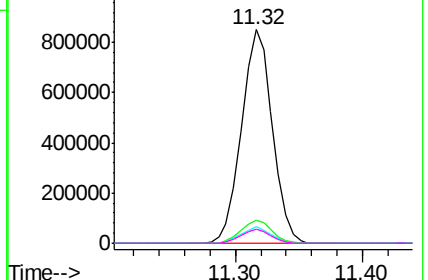
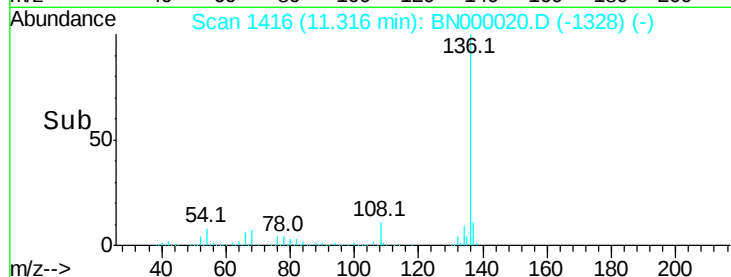


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#22

Acetophenone

Concen: 39.625 ng

RT: 9.30 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Tgt Ion:105 Resp: 1671378

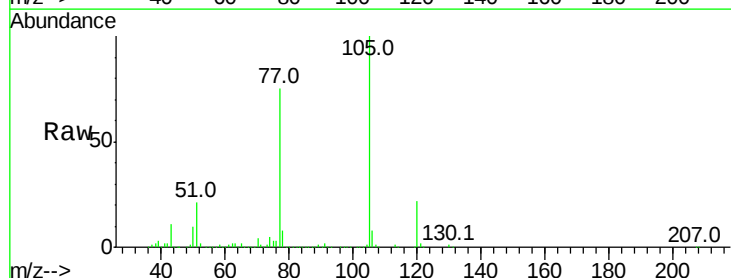
Ion Ratio Lower Upper

105 100

71 0.6 3.0 4.4#

51 21.3 26.1 39.1#

120 22.5 17.4 26.2

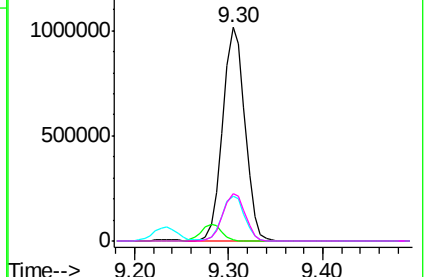
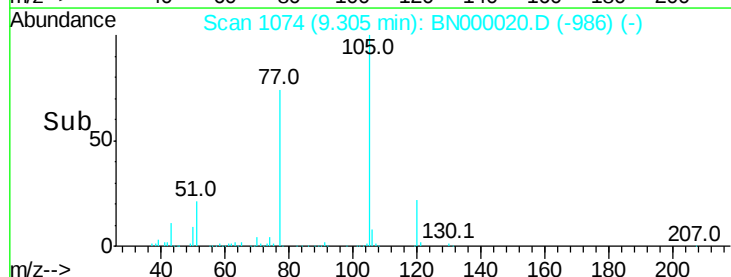


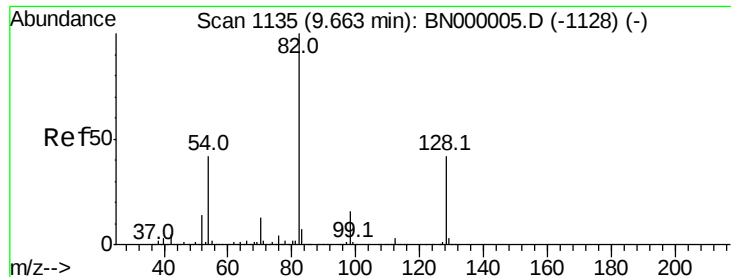
Abundance Ion 105.00 (104.70 to 105.70): E

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

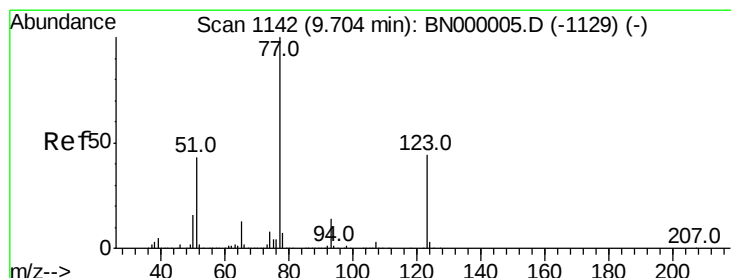
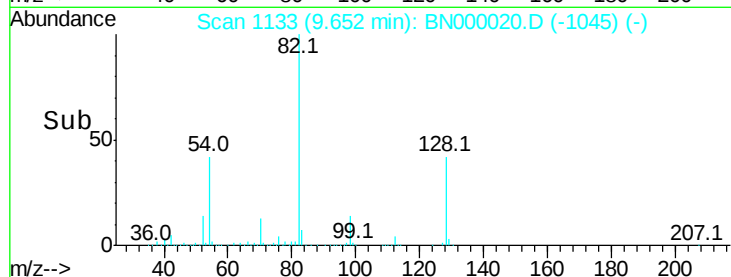
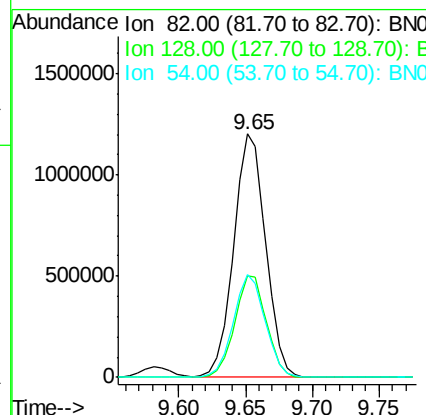
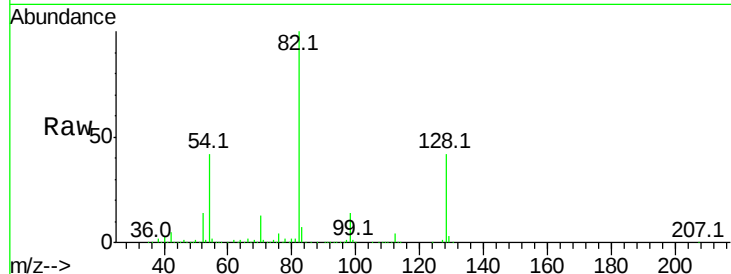




#23
Nitrobenzene-d5
Concen: 84.799 ng
RT: 9.65 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BN000020.D
Acq: 05 Feb 2018 17:10

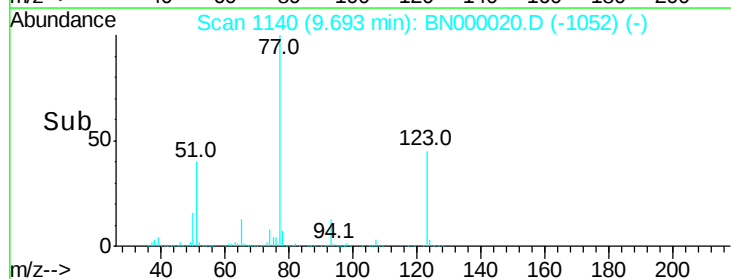
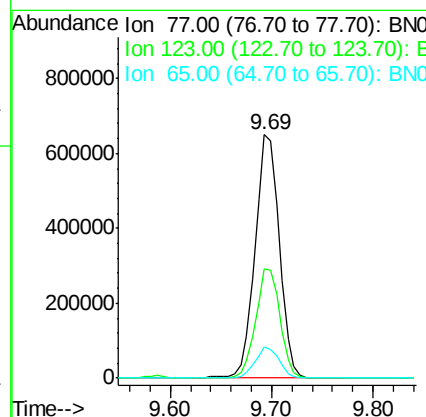
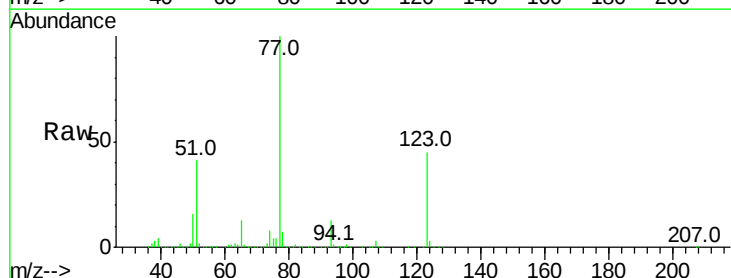
Instrument :
BNA_N
ClientSampleId :

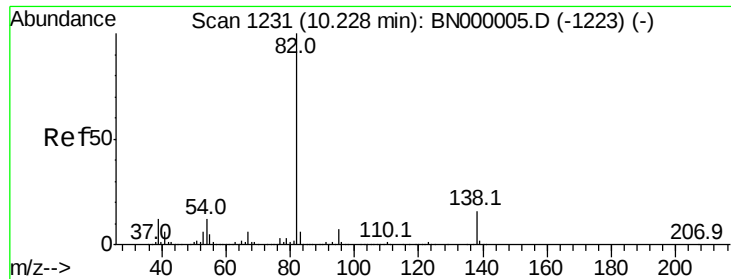
Tot Ion: 82 Resp: 2002719
Ion Ratio Lower Upper
82 100
128 41.7 29.7 44.5
54 42.1 43.1 64.7#



#24
Nitrobenzene
Concen: 42.659 ng
RT: 9.69 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BN000020.D
Acq: 05 Feb 2018 17:10

Tgt Ion: 77 Resp: 1080614
Ion Ratio Lower Upper
77 100
123 44.7 33.0 49.6
65 12.7 13.0 19.6#





#25

Isophorone

Concen: 38.260 ng

RT: 10.22 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Instrument :

BNA_N

ClientSampled :

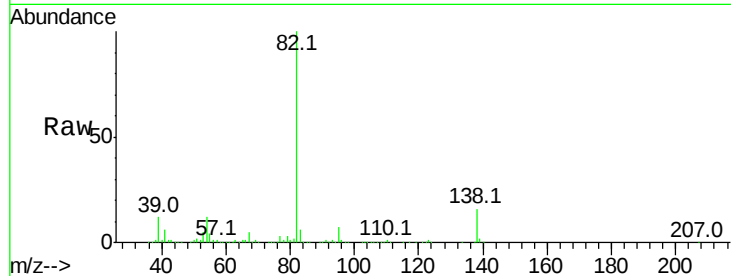
Tot Ion: 82 Resp: 2140384

Ion Ratio Lower Upper

82 100

95 6.9 6.2 9.2

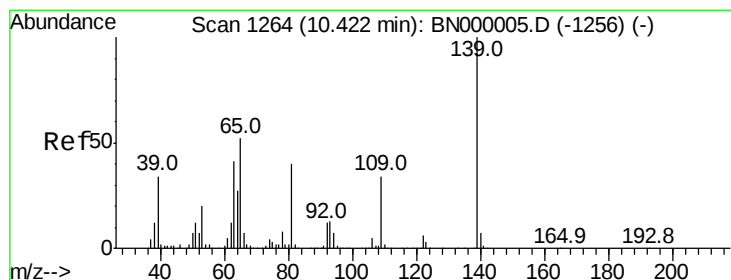
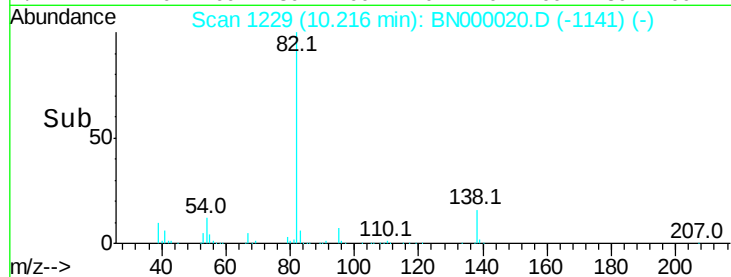
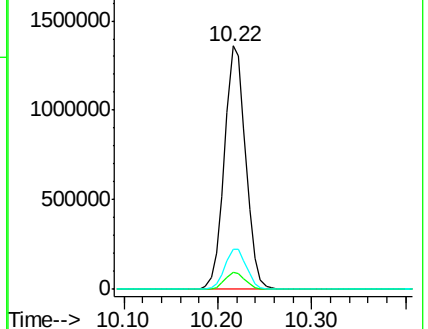
138 16.4 12.1 18.1



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: 35.436 ng

RT: 10.42 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

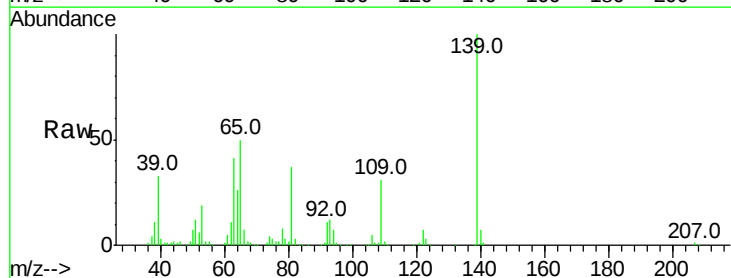
Tgt Ion: 139 Resp: 313834

Ion Ratio Lower Upper

139 100

109 31.1 24.2 36.2

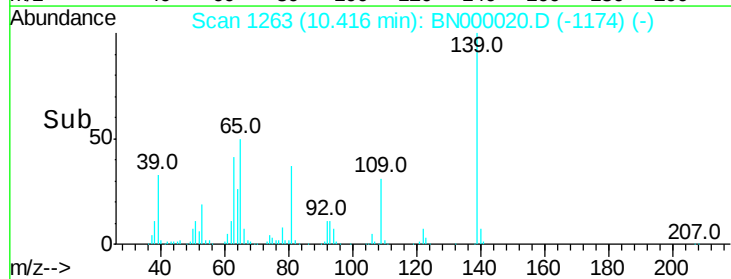
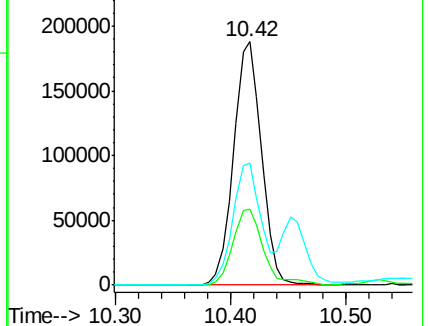
65 50.1 47.4 71.0

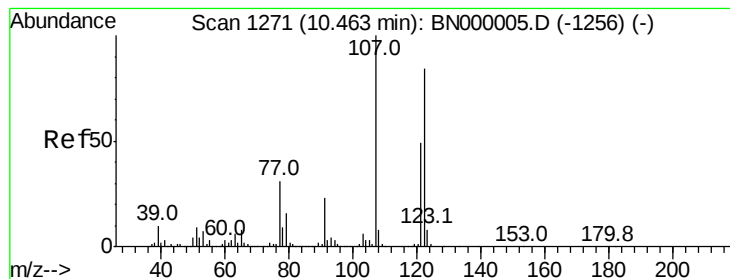


Abundance Ion 139.00 (138.70 to 139.70): BN000005.D (-1256) (-)

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: 38.144 ng

RT: 10.45 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Instrument :

BNA_N

ClientSampleId :

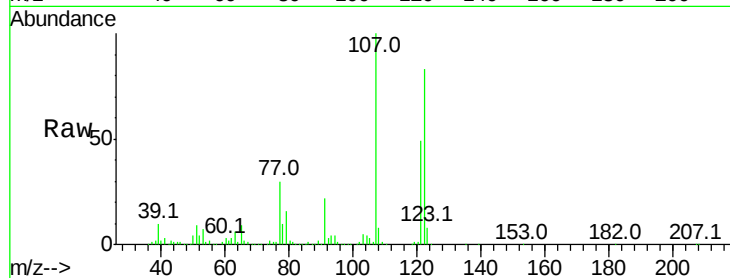
Tot Ion:122 Resp: 874940

Ion Ratio Lower Upper

122 100

107 120.0 100.2 150.2

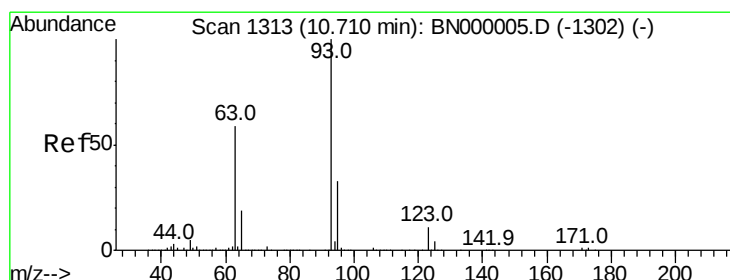
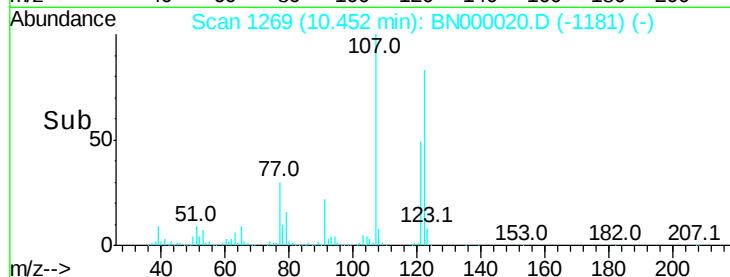
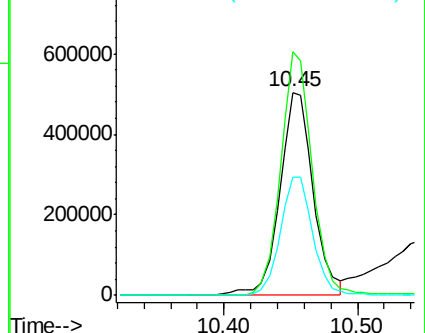
121 58.5 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.399 ng

RT: 10.70 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

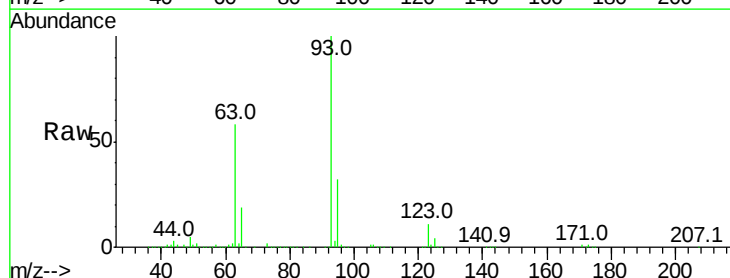
Tgt Ion: 93 Resp: 1303584

Ion Ratio Lower Upper

93 100

95 32.0 24.3 36.5

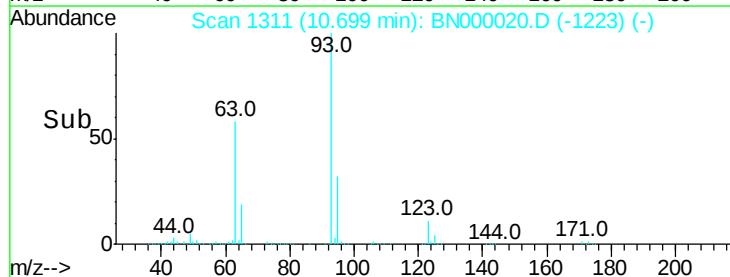
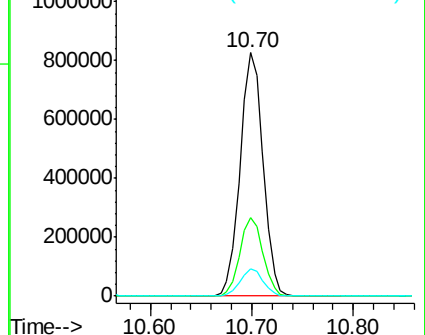
123 11.1 8.4 12.6

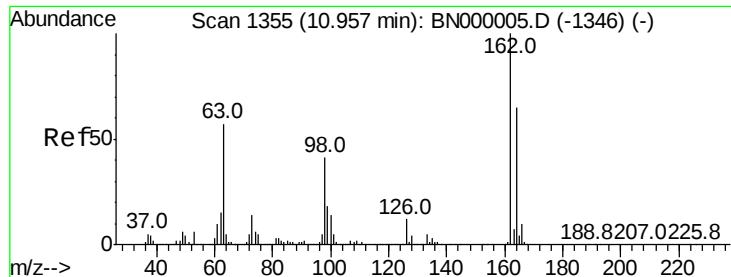


Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 95.00 (94.70 to 95.70): BN0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.328 ng

RT: 10.95 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Instrument :

BNA_N

ClientSampleId :

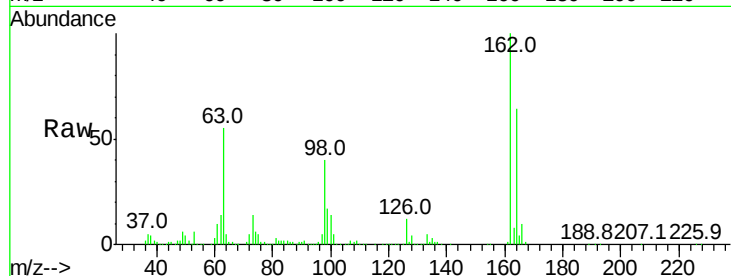
Tot Ion:162 Resp: 793716

Ion Ratio Lower Upper

162 100

164 63.6 48.0 88.0

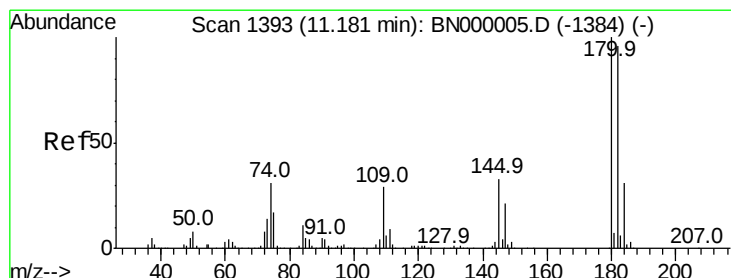
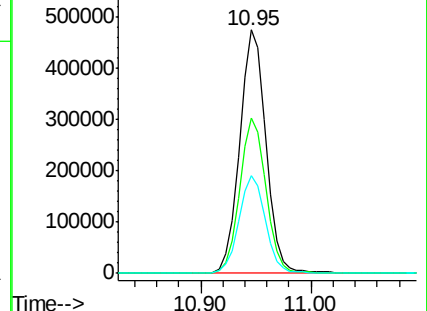
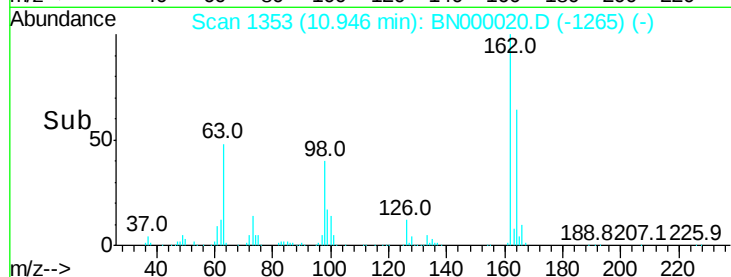
98 40.3 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC



#30

1,2,4-Trichlorobenzene

Concen: 39.825 ng

RT: 11.17 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

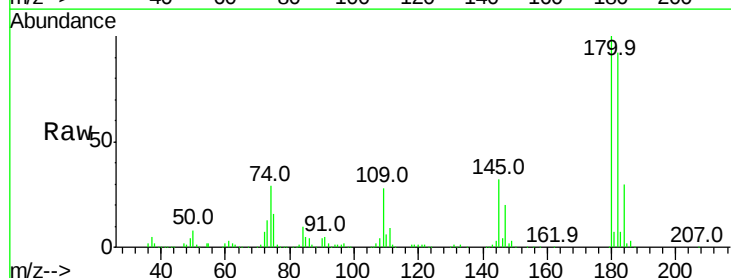
Tgt Ion:180 Resp: 917848

Ion Ratio Lower Upper

180 100

182 92.5 77.5 116.3

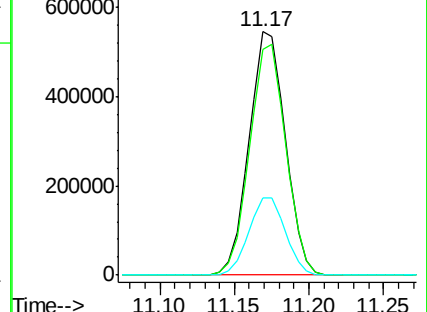
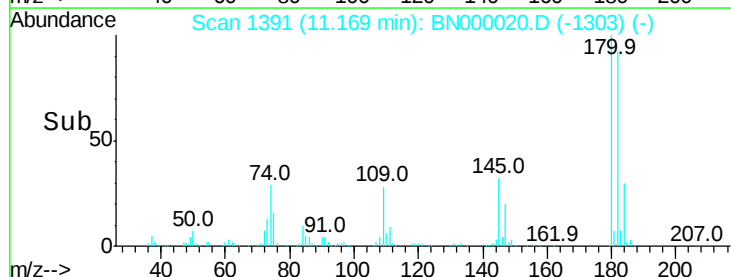
145 31.8 23.4 35.2

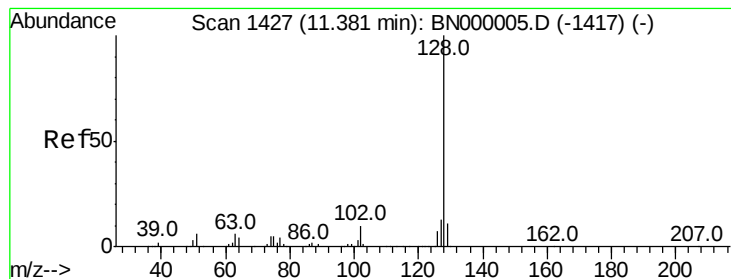


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.113 ng

RT: 11.37 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Instrument :

BNA_N

ClientSampled :

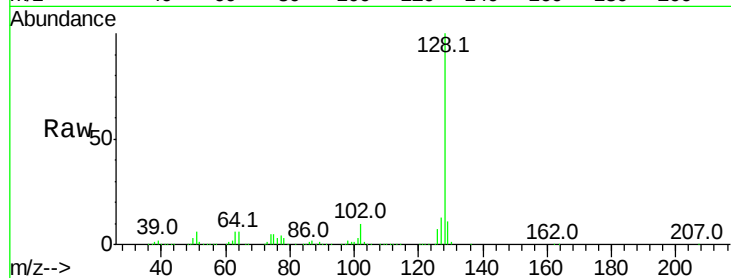
Tot Ion:128 Resp: 3212789

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

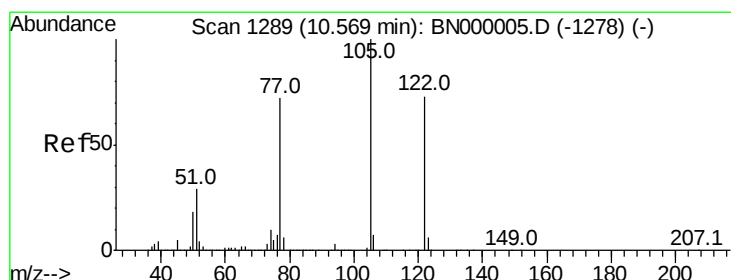
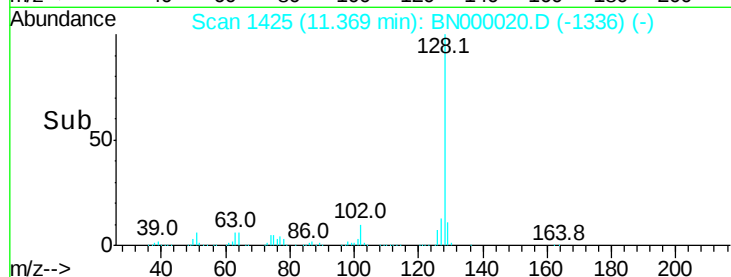
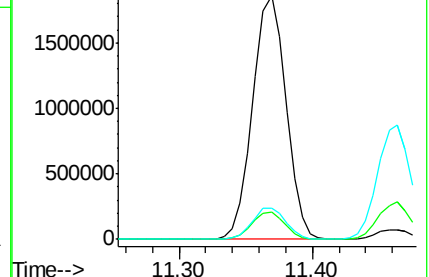
127 12.8 11.6 17.4



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: 35.579 ng

RT: 10.55 min Scan# 1286

Delta R.T. 0.02 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

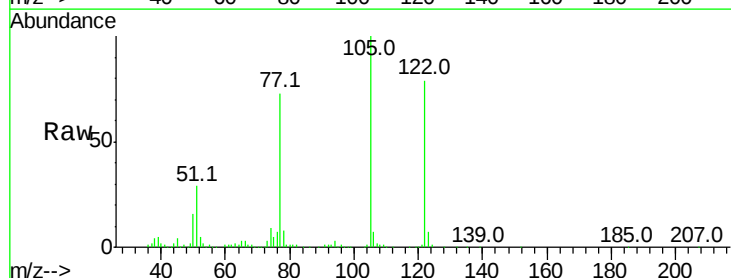
Tgt Ion:122 Resp: 419936

Ion Ratio Lower Upper

122 100

105 126.4 123.5 163.5

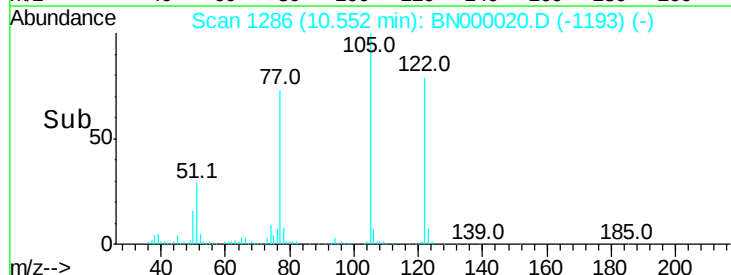
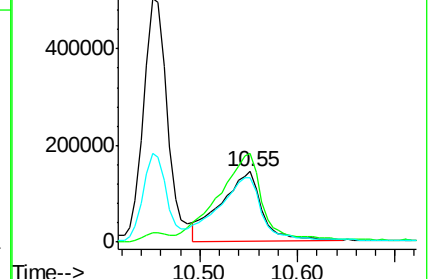
77 91.8 85.7 125.7

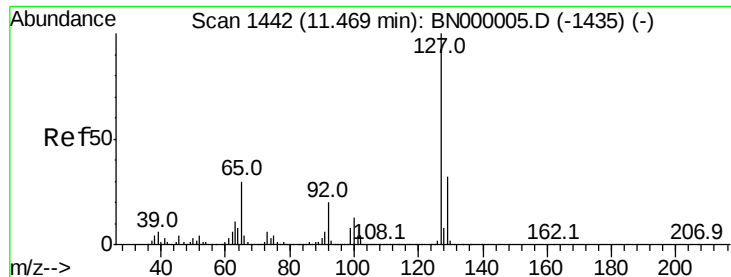


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

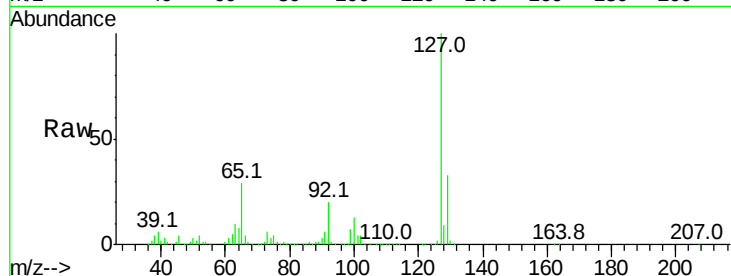




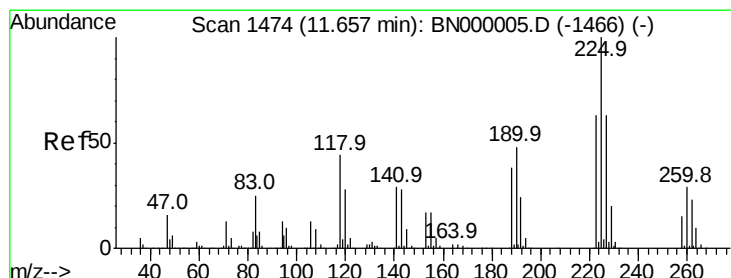
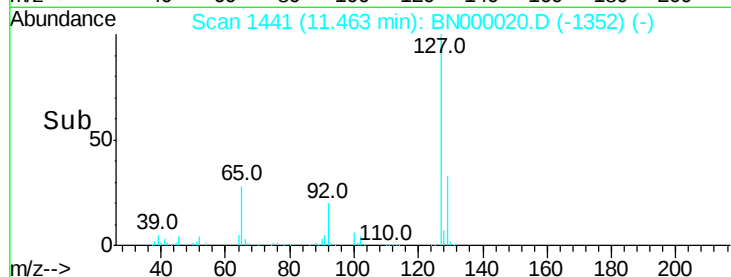
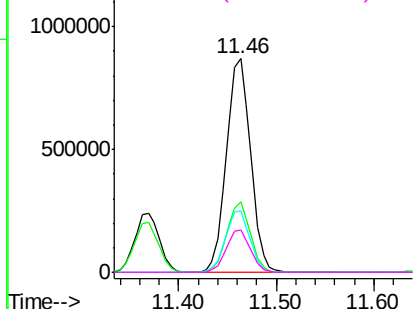
#33
4-Chloroaniline
Concen: 40.265 ng
RT: 11.46 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BN000020.D
Acq: 05 Feb 2018 17:10

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	127	Resp:	1495127
Ion	Ratio	Lower	Upper
127	100		
129	32.9	24.0	36.0
65	28.7	27.0	40.4
92	19.7	16.6	25.0

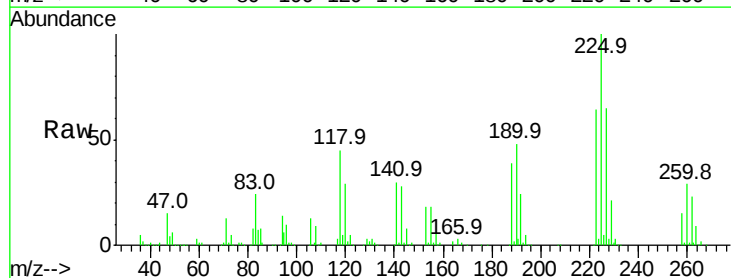


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

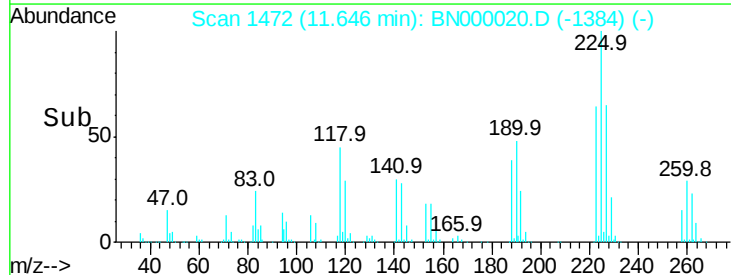
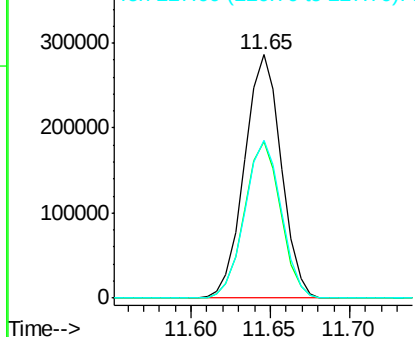


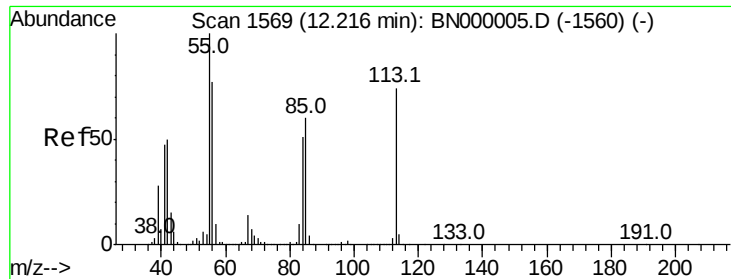
#34
Hexachlorobutadiene
Concen: 39.301 ng
RT: 11.65 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN000020.D
Acq: 05 Feb 2018 17:10

Tgt Ion:	225	Resp:	461462
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.7	74.5
227	64.7	48.1	72.1



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

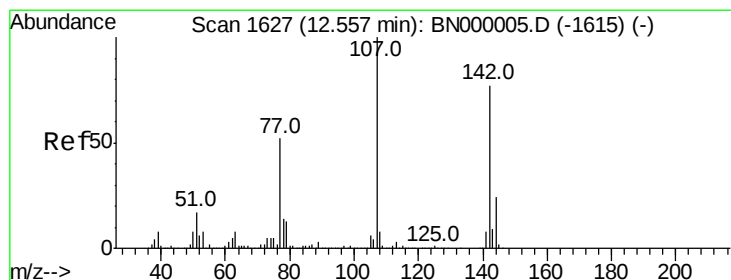
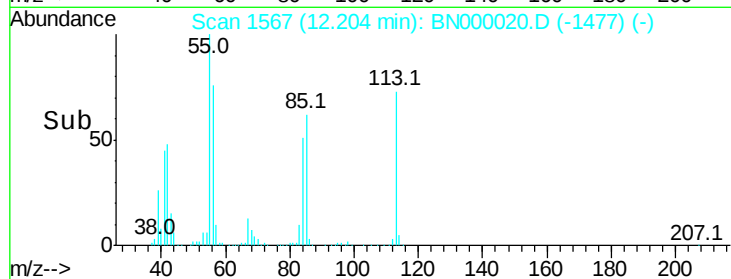
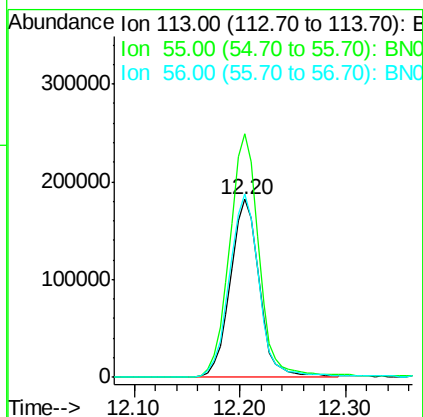
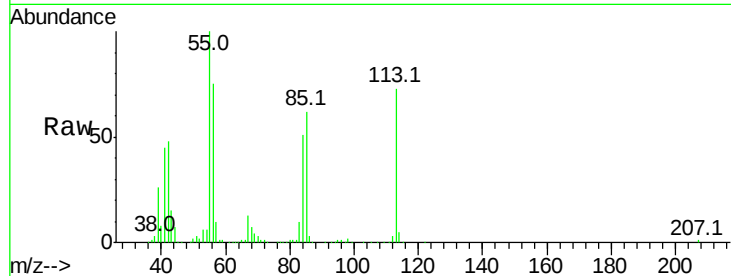




#35
 Caprolactam
 Concen: 39.618 ng
 RT: 12.20 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: BN000020.D
 Acq: 05 Feb 2018 17:10

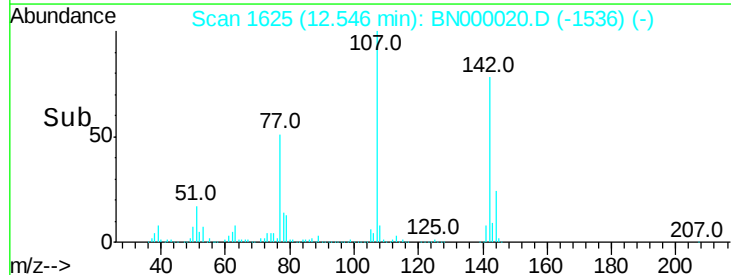
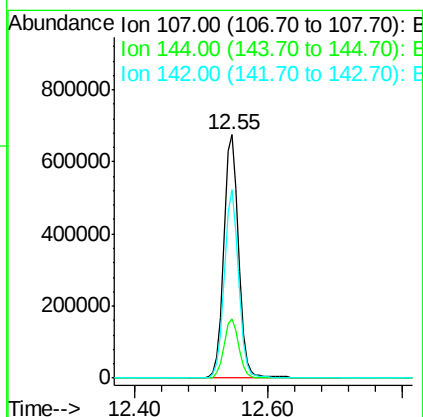
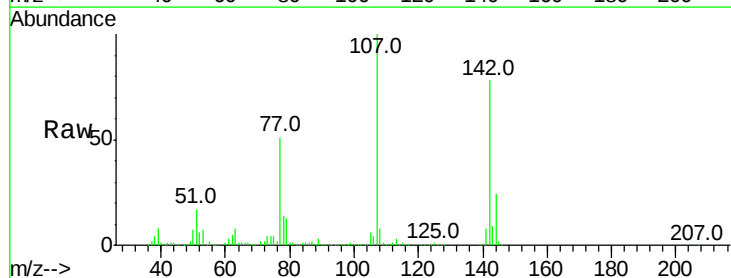
Instrument :
 BNA_N
 ClientSampleId :

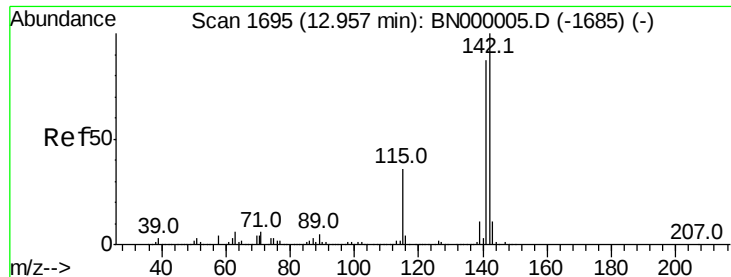
Tot Ion:113 Resp: 346591
 Ion Ratio Lower Upper
 113 100
 55 136.8 120.0 160.0
 56 103.0 90.0 130.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.057 ng
 RT: 12.55 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BN000020.D
 Acq: 05 Feb 2018 17:10

Tgt Ion:107 Resp: 1071970
 Ion Ratio Lower Upper
 107 100
 144 24.4 18.2 27.4
 142 77.5 59.0 88.4





#37

2-Methylnaphthalene

Concen: 40.241 ng

RT: 12.95 min Scan# 1693

Delta R.T. -0.01 min

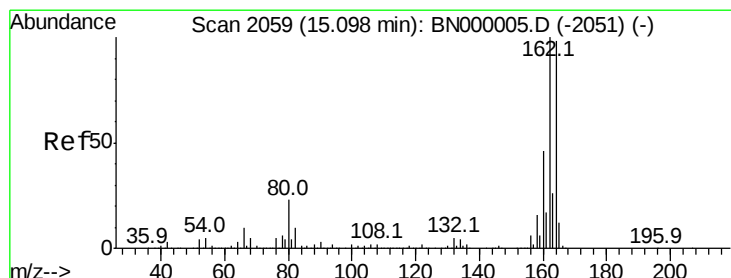
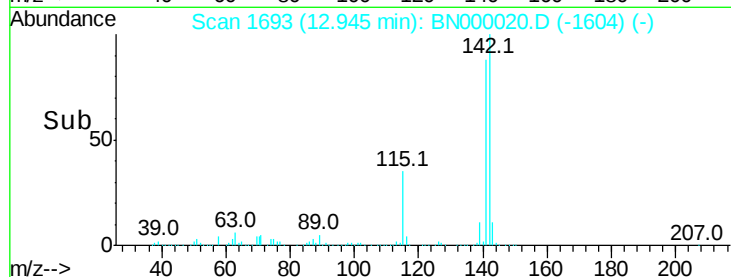
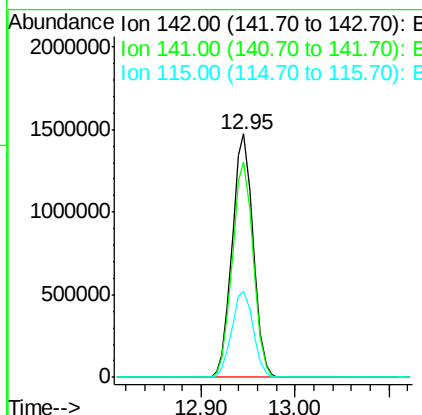
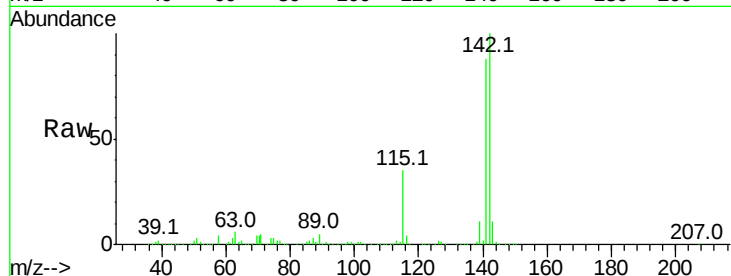
Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Instrument :
BNA_N
ClientSampleId :

Tot Ion:142 Resp: 2277509

Ion	Ratio	Lower	Upper
142	100		
141	88.3	67.1	100.7
115	35.5	30.7	46.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.09 min Scan# 2057

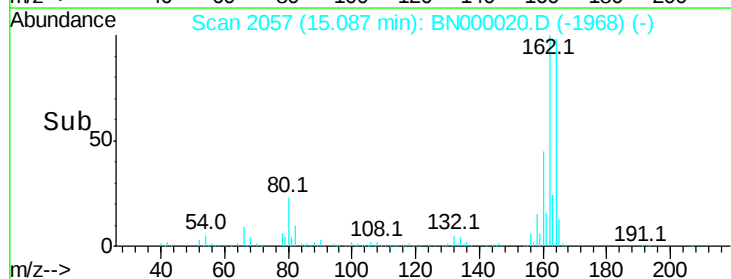
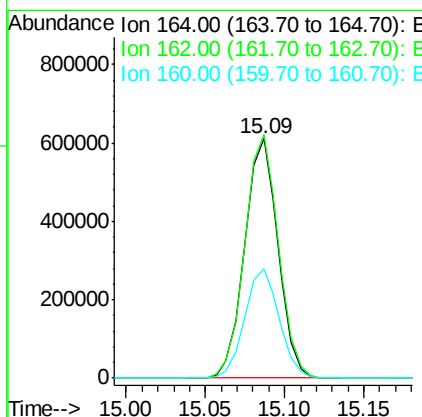
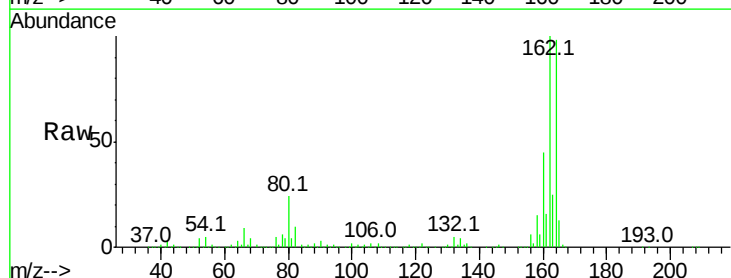
Delta R.T. -0.01 min

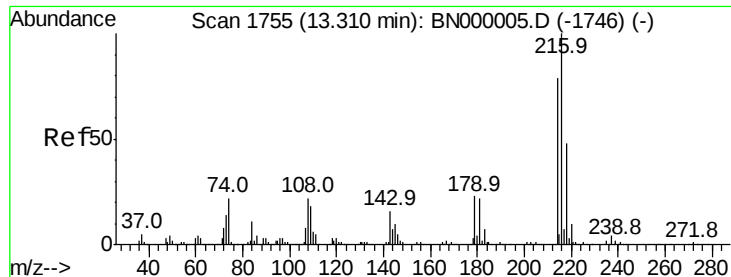
Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Tgt Ion:164 Resp: 891247

Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.8	118.2
160	45.4	35.4	53.0



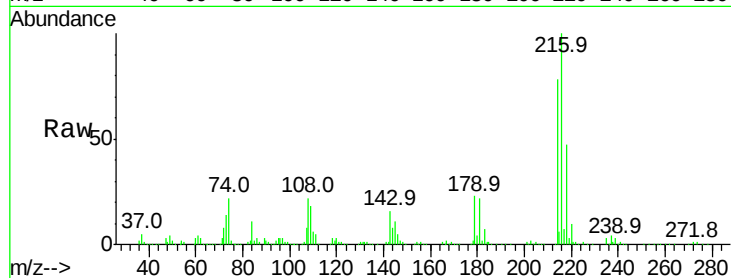


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.796 ng
 RT: 13.30 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BN000020.D
 Acq: 05 Feb 2018 17:10

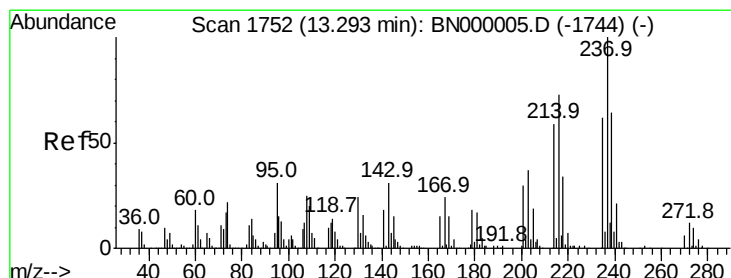
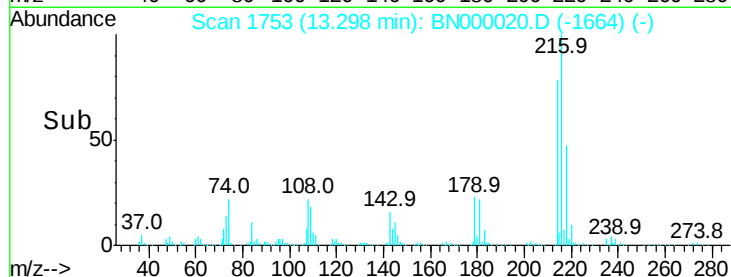
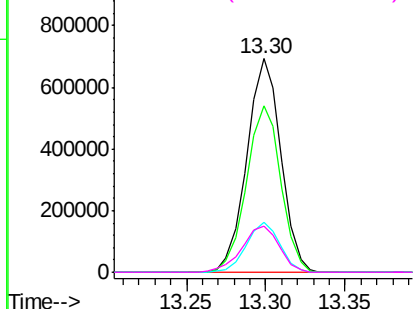
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:216 Resp: 1033114

Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	22.9	17.0	25.6
108	24.0	12.8	19.2#



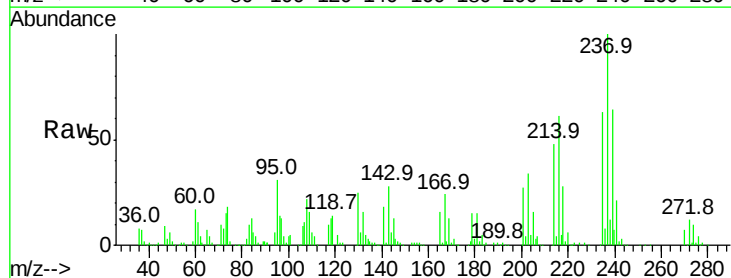
Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



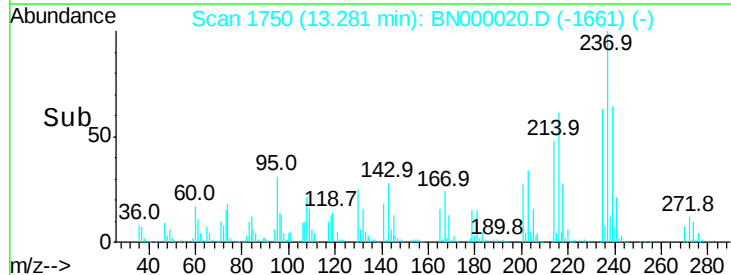
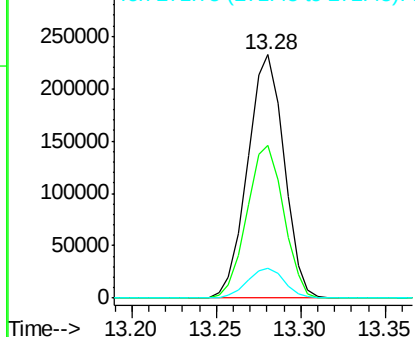
#40
 Hexachlorocyclopentadiene
 Concen: 40.431 ng
 RT: 13.28 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BN000020.D
 Acq: 05 Feb 2018 17:10

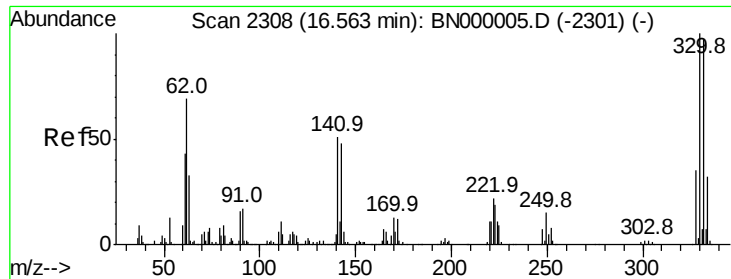
Tgt Ion:237 Resp: 350567

Ion	Ratio	Lower	Upper
237	100		
235	62.7	50.4	90.4
272	12.2	0.0	31.8



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

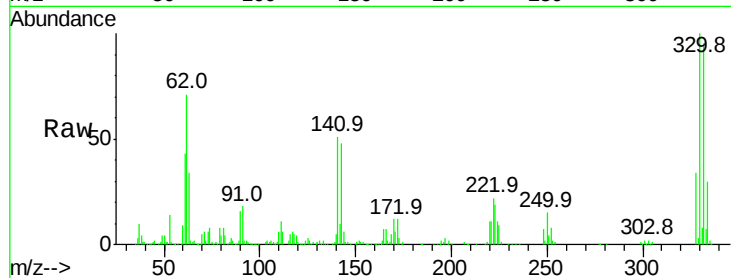




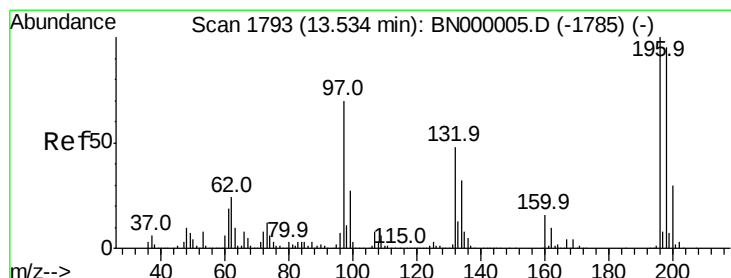
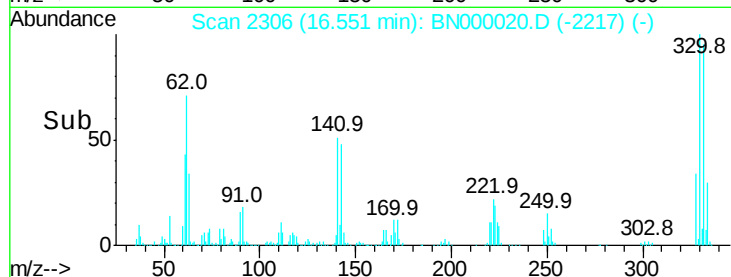
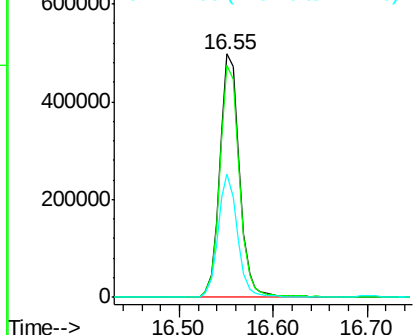
#41
 2,4,6-Tribromophenol
 Concen: 81.317 ng
 RT: 16.55 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BN000020.D
 Acq: 05 Feb 2018 17:10

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 728544
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 49.9 25.2 37.8#

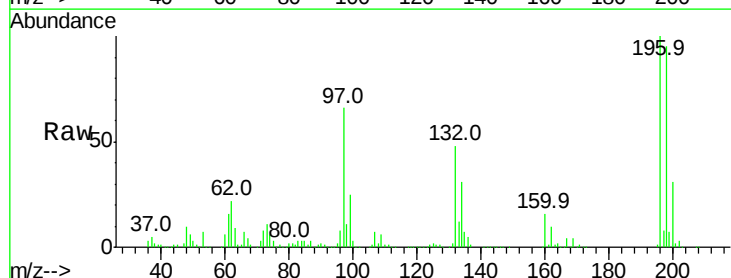


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

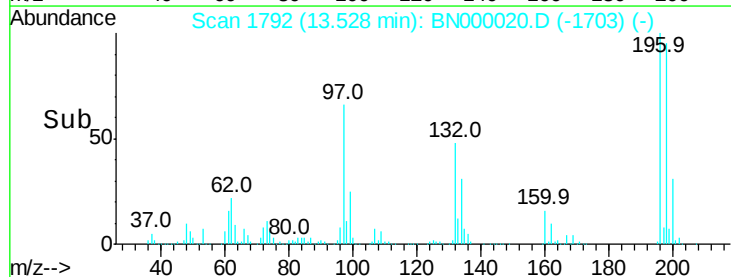
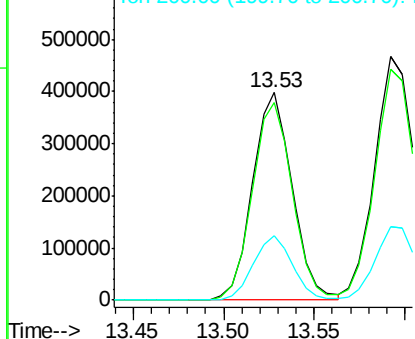


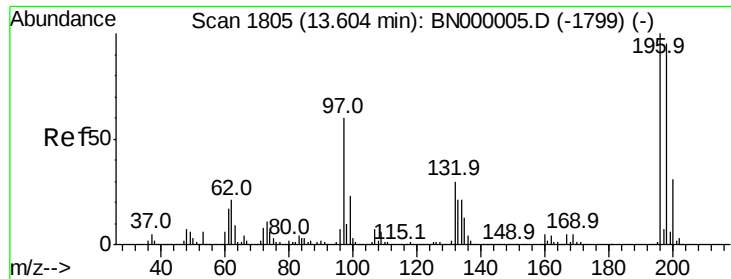
#42
 2,4,6-Trichlorophenol
 Concen: 39.466 ng
 RT: 13.53 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BN000020.D
 Acq: 05 Feb 2018 17:10

Tgt Ion:196 Resp: 605575
 Ion Ratio Lower Upper
 196 100
 198 95.1 78.2 117.2
 200 31.0 24.6 36.8



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

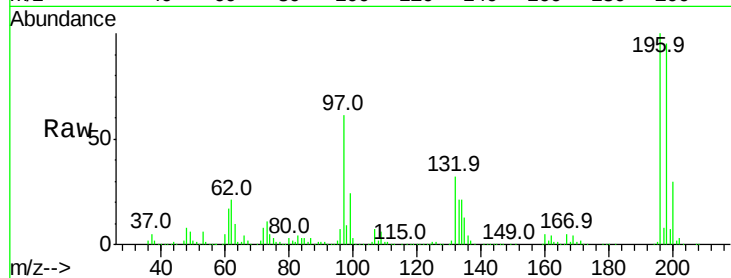




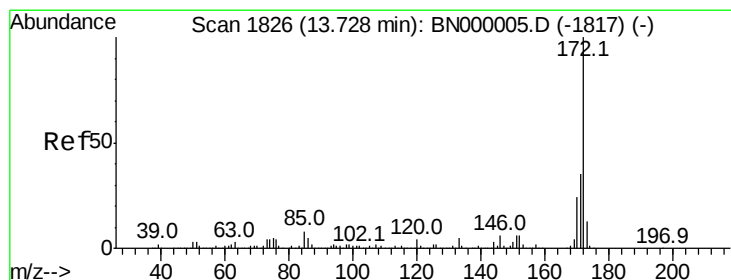
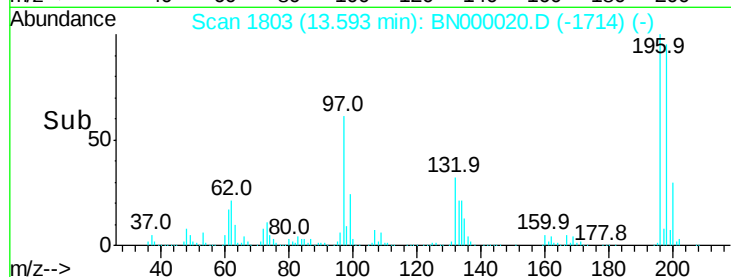
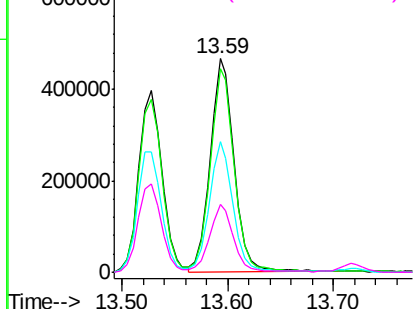
#43
 2,4,5-Trichlorophenol
 Concen: 40.789 ng
 RT: 13.59 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BN000020.D
 Acq: 05 Feb 2018 17:10

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:196 Resp: 737054
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.2 114.4
 97 60.8 38.7 58.1#
 132 31.9 20.2 30.2#

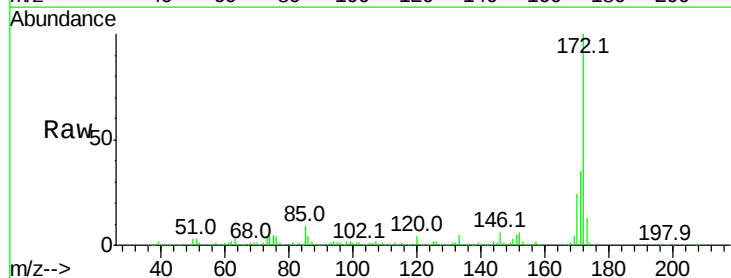


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BNC
 Ion 132.00 (131.70 to 132.70): E

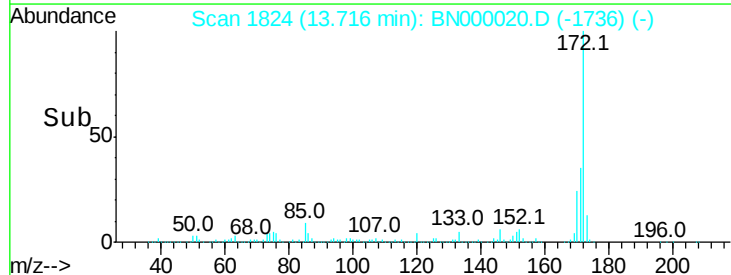
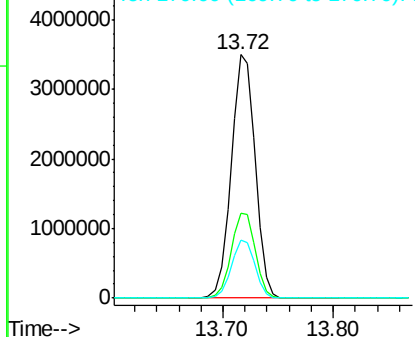


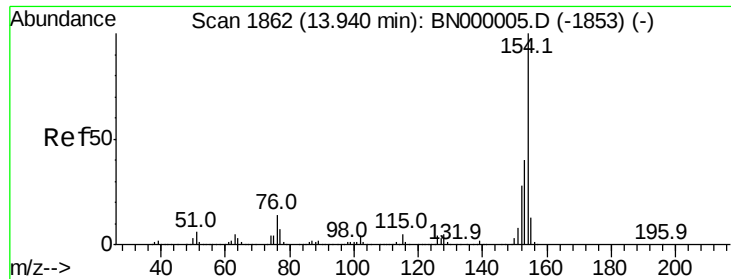
#44
 2-Fluorobiphenyl
 Concen: 79.480 ng
 RT: 13.72 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BN000020.D
 Acq: 05 Feb 2018 17:10

Tgt Ion:172 Resp: 5289155
 Ion Ratio Lower Upper
 172 100
 171 34.9 30.0 45.0
 170 23.6 19.5 29.3



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

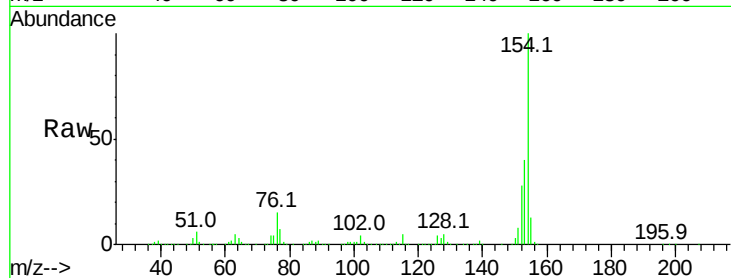




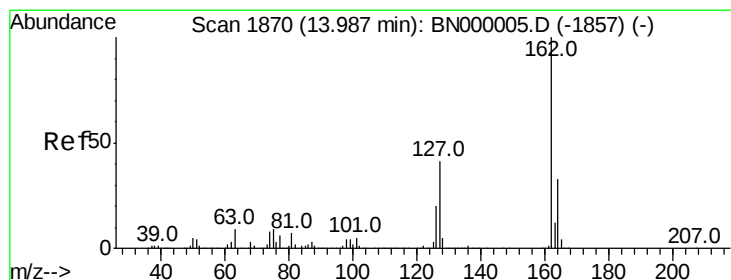
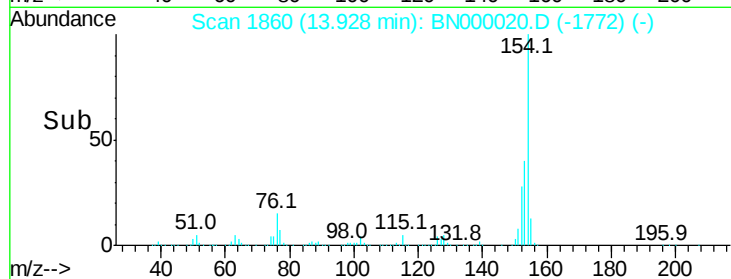
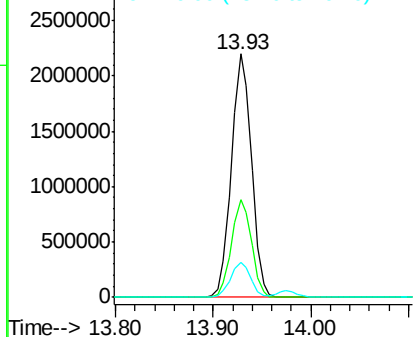
#45
 1,1'-Biphenyl
 Concen: 39.342 ng
 RT: 13.93 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BN000020.D
 Acq: 05 Feb 2018 17:10

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:154 Resp: 3132889
 Ion Ratio Lower Upper
 154 100
 153 40.3 19.8 59.8
 76 14.6 0.0 31.9

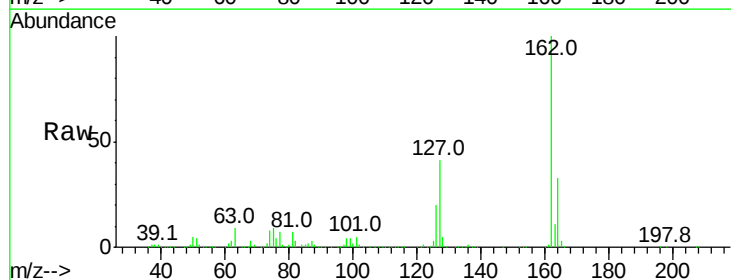


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC

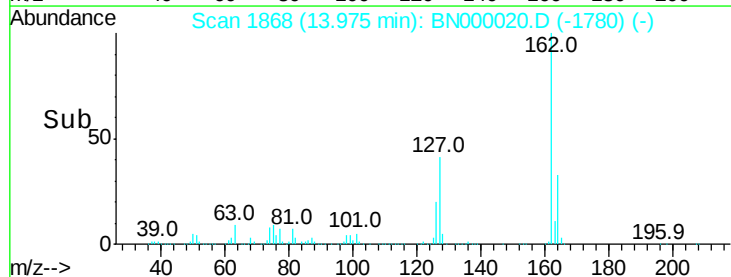
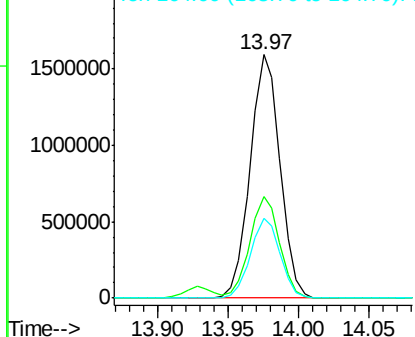


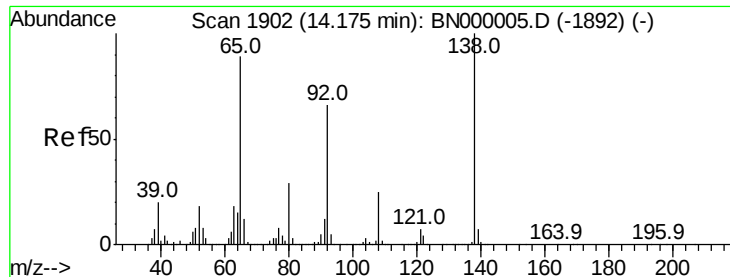
#46
 2-Chloronaphthalene
 Concen: 39.676 ng
 RT: 13.97 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: BN000020.D
 Acq: 05 Feb 2018 17:10

Tgt Ion:162 Resp: 2371944
 Ion Ratio Lower Upper
 162 100
 127 41.4 30.7 46.1
 164 32.6 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: 37.658 ng

RT: 14.16 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Instrument :

BNA_N

ClientSampled :

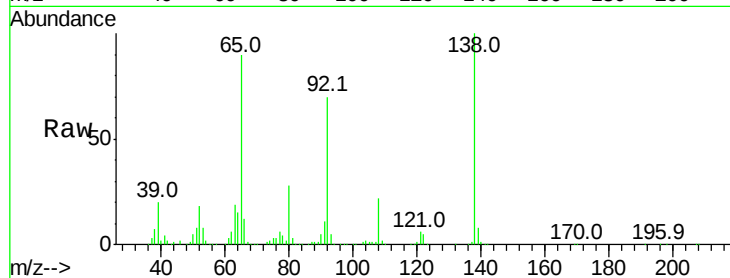
Tot Ion: 65 Resp: 608170

Ion Ratio Lower Upper

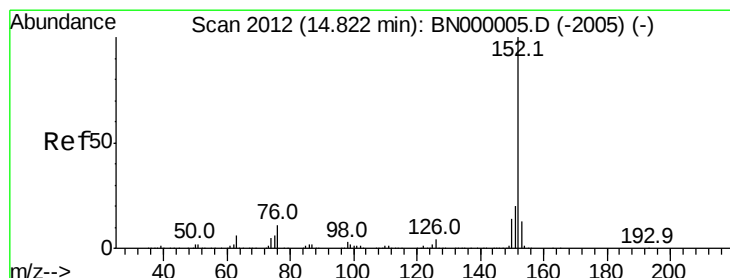
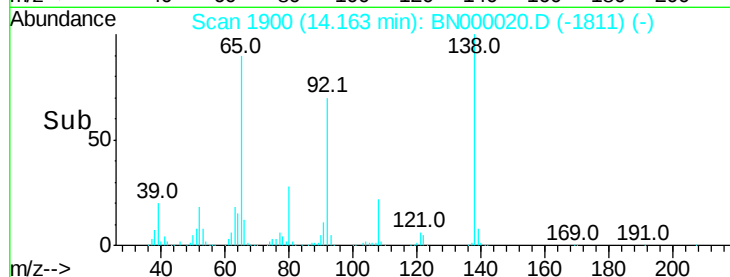
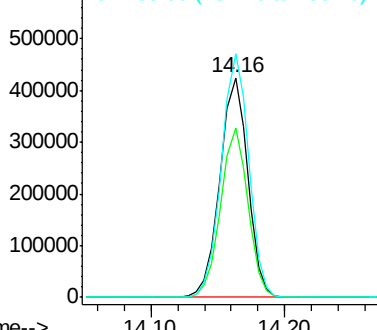
65 100

92 77.2 54.6 82.0

138 111.0 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC
Ion 138.00 (137.70 to 138.70): BNC



#48

Acenaphthylene

Concen: 39.992 ng

RT: 14.81 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

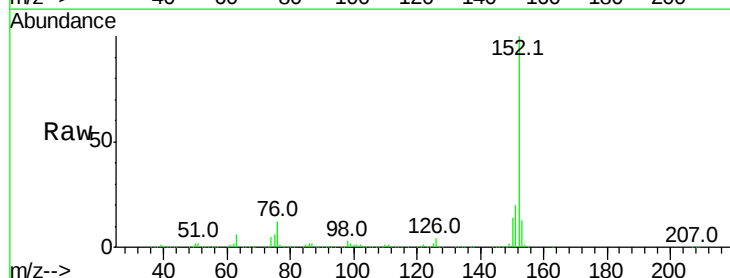
Tgt Ion: 152 Resp: 4014674

Ion Ratio Lower Upper

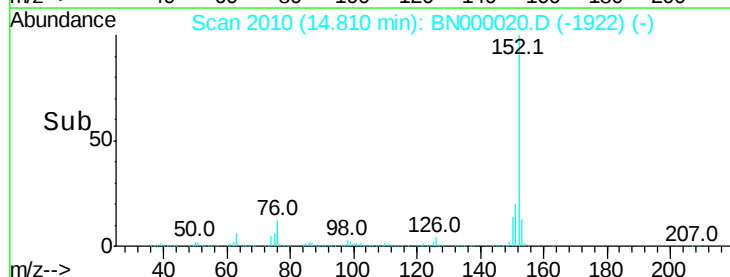
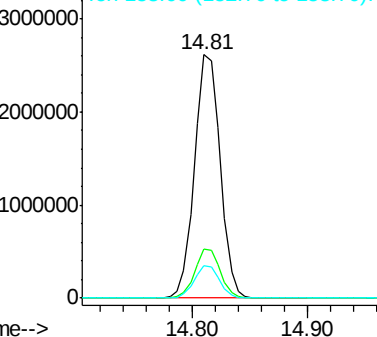
152 100

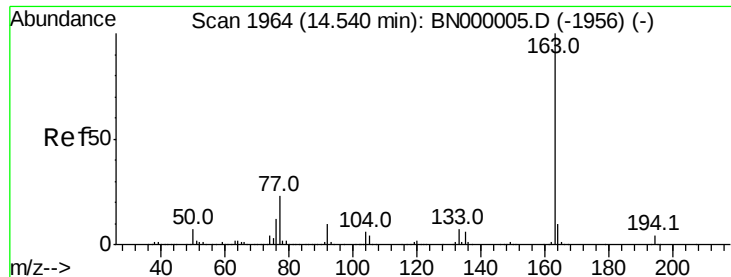
151 20.0 17.2 25.8

153 13.3 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BNC
Ion 151.00 (150.70 to 151.70): BNC
Ion 153.00 (152.70 to 153.70): BNC





#49

Dimethylphthalate

Concen: 39.893 ng

RT: 14.53 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Instrument :

BNA_N

ClientSampleId :

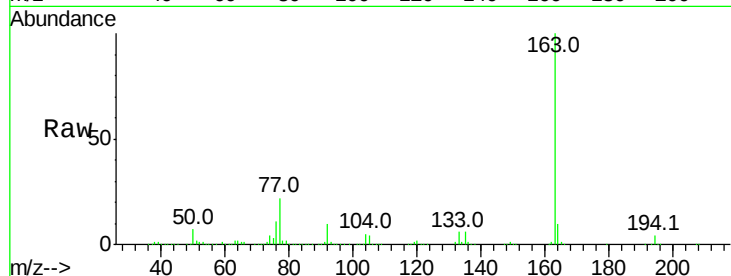
Tot Ion:163 Resp: 3177616

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

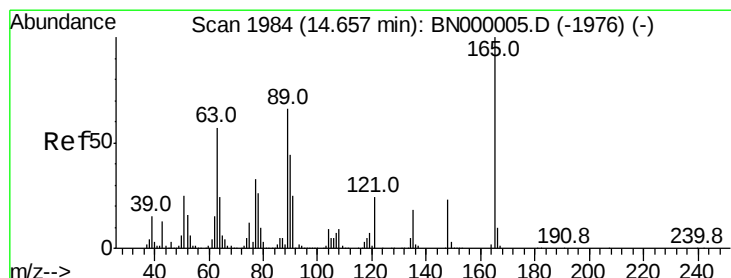
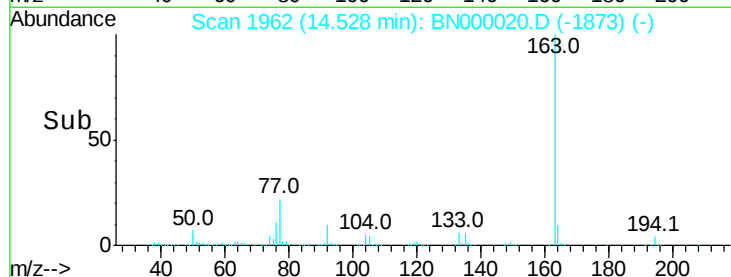
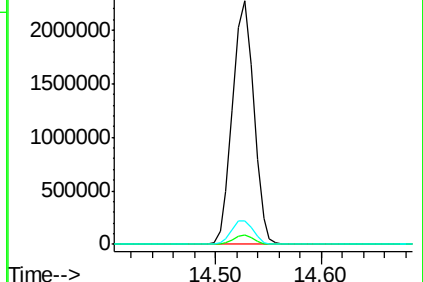
164 9.9 8.2 12.4



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: 39.011 ng

RT: 14.65 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

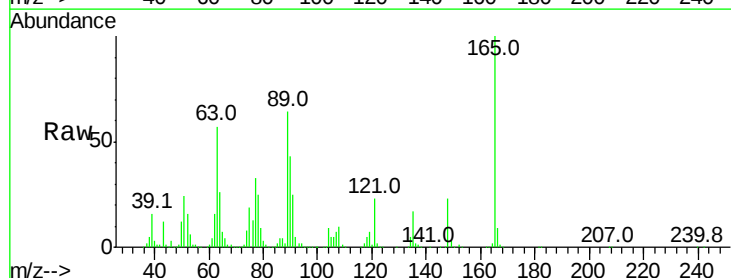
Tgt Ion:165 Resp: 614996

Ion Ratio Lower Upper

165 100

63 57.3 52.7 79.1

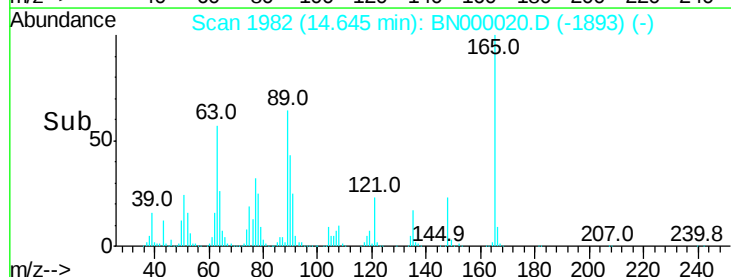
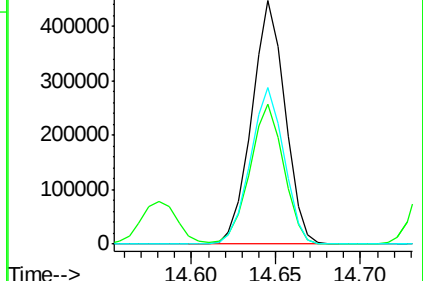
89 64.3 49.2 73.8

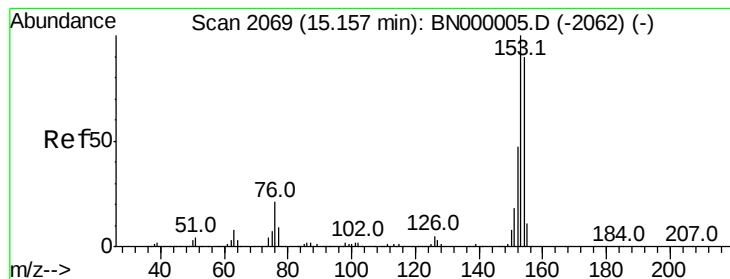


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 39.820 ng

RT: 15.15 min Scan# 2068

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Instrument :

BNA_N

ClientSampled :

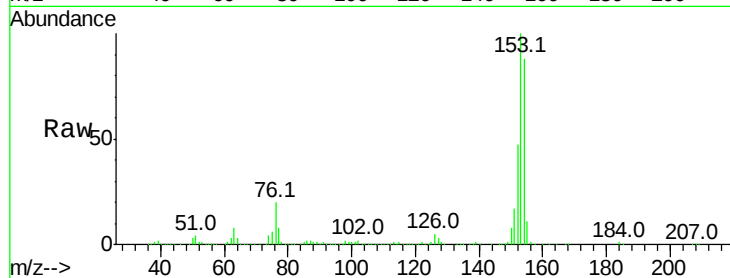
Tot Ion:154 Resp: 2522445

Ion Ratio Lower Upper

154 100

153 113.8 90.4 135.6

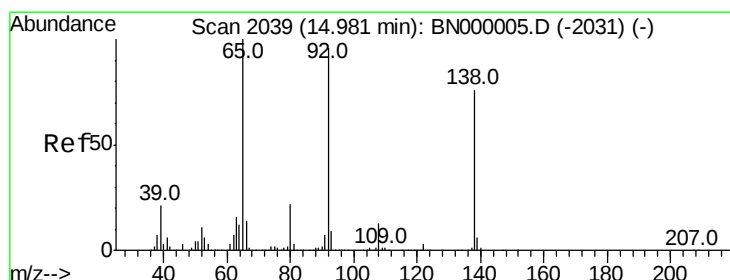
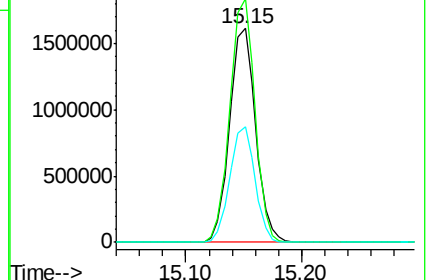
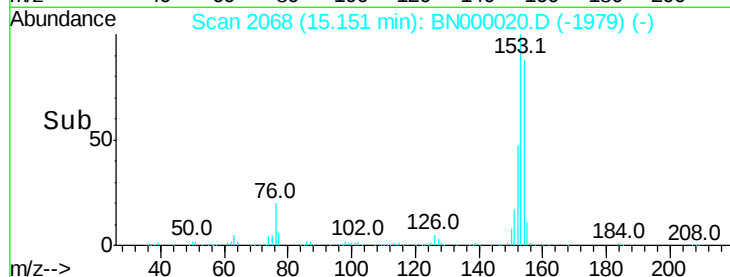
152 53.8 41.6 62.4



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: 39.175 ng

RT: 14.97 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

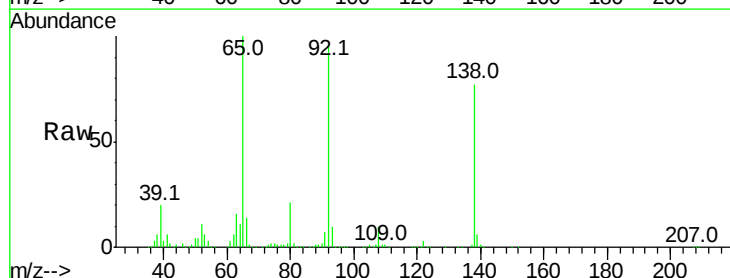
Tgt Ion:138 Resp: 762487

Ion Ratio Lower Upper

138 100

108 13.4 17.5 26.3#

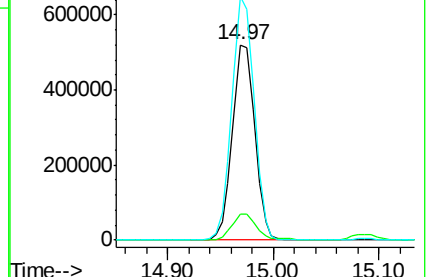
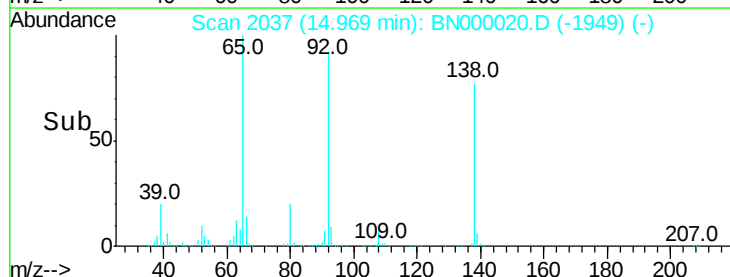
92 124.7 105.8 158.8

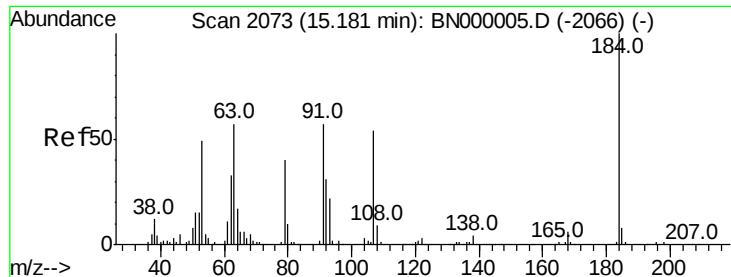


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

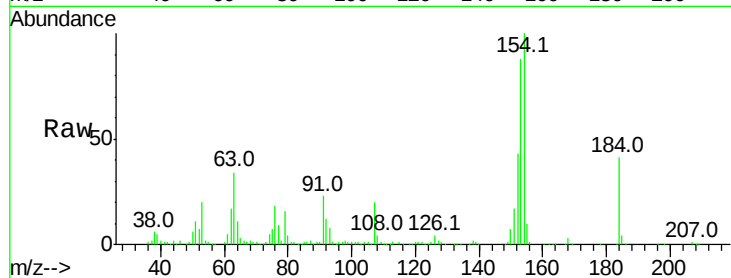




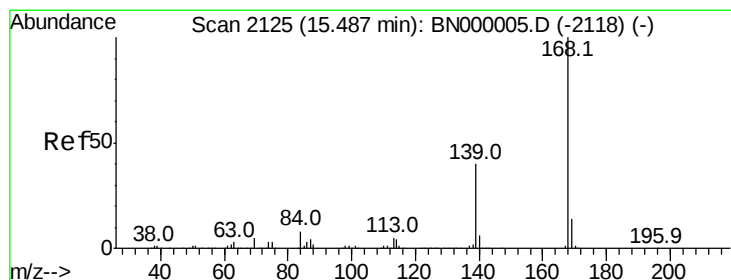
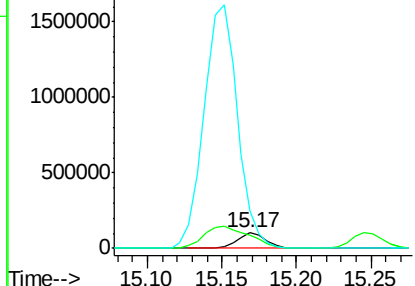
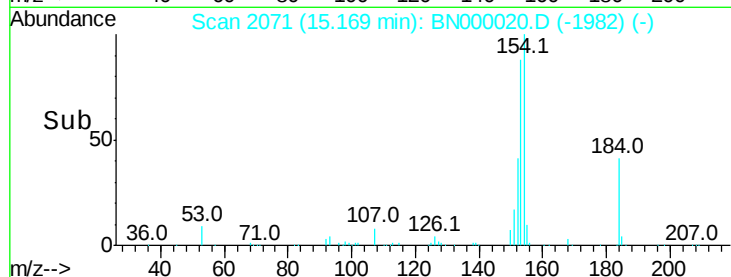
#53
 2,4-Dinitrophenol
 Concen: 41.981 ng
 RT: 15.17 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: BN000020.D
 Acq: 05 Feb 2018 17:10

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:184 Resp: 141002
 Ion Ratio Lower Upper
 184 100
 63 82.8 80.0 120.0
 154 244.8 308.0 462.0#

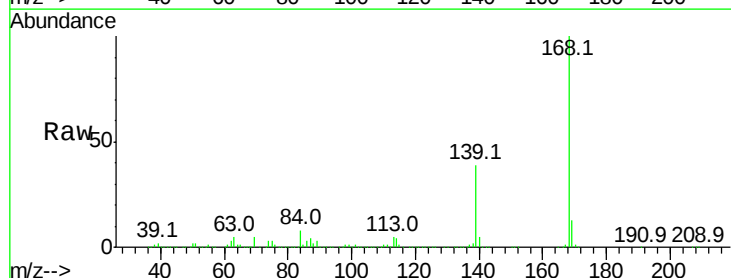


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 154.00 (153.70 to 154.70): E

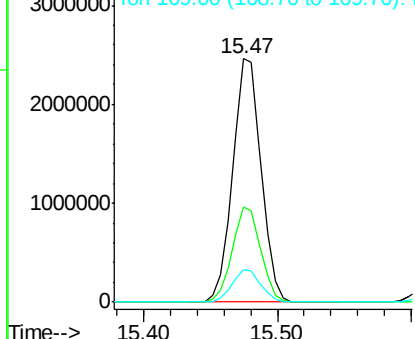
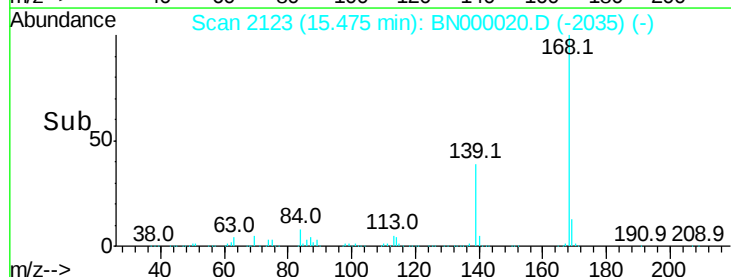


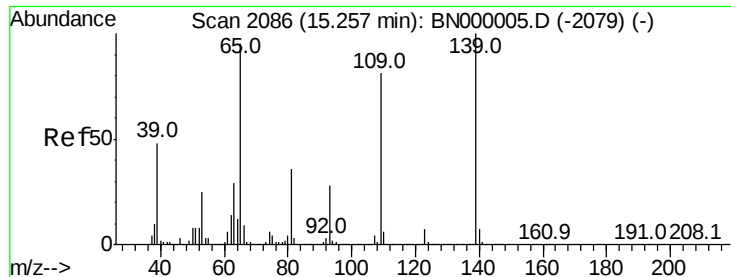
#54
 Dibenzofuran
 Concen: 39.934 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BN000020.D
 Acq: 05 Feb 2018 17:10

Tgt Ion:168 Resp: 3630103
 Ion Ratio Lower Upper
 168 100
 139 39.1 28.6 43.0
 169 13.4 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: 37.196 ng

RT: 15.25 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Instrument :

BNA_N

ClientSampleId :

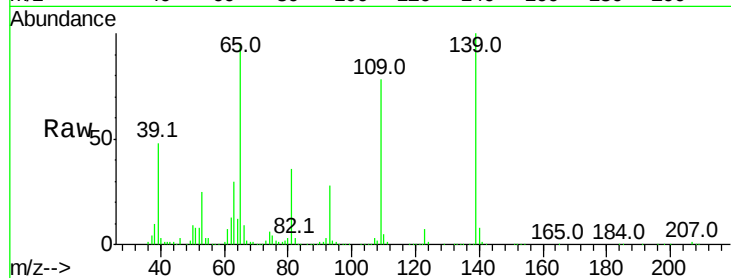
Tot Ion:139 Resp: 545324

Ion Ratio Lower Upper

139 100

109 78.4 62.2 102.2

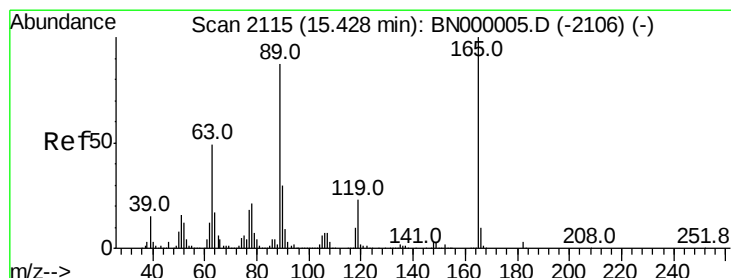
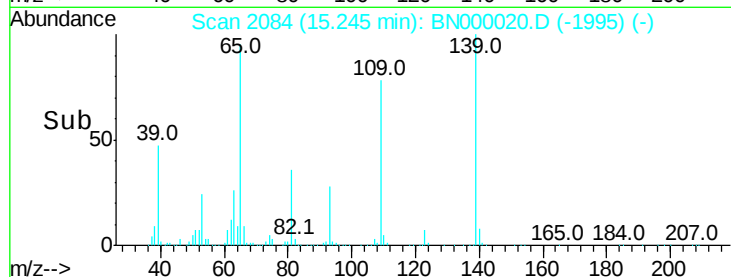
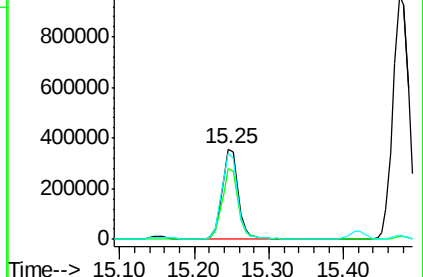
65 95.5 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC



#56

2,4-Dinitrotoluene

Concen: 39.031 ng

RT: 15.42 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Tgt Ion:165 Resp: 828573

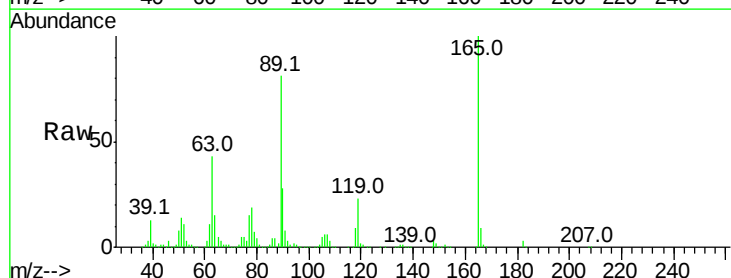
Ion Ratio Lower Upper

165 100

63 42.9 42.0 63.0

89 81.1 66.9 100.3

182 2.7 2.6 3.8

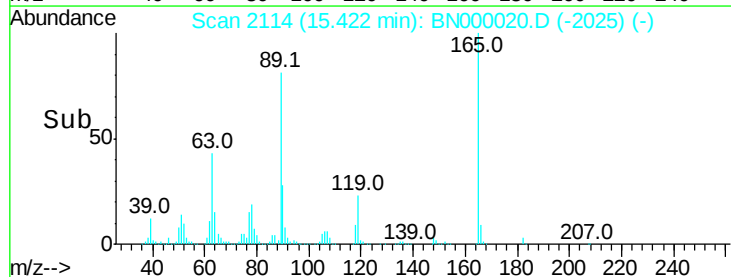
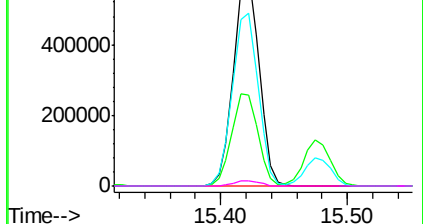


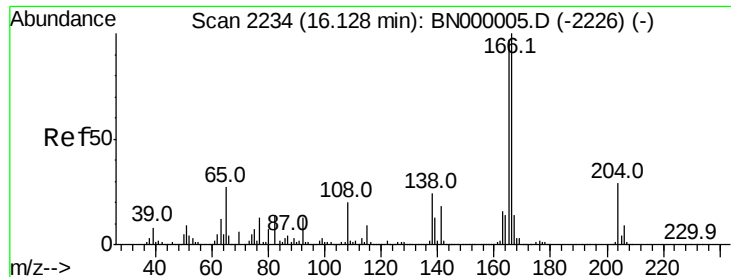
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.948 ng

RT: 16.12 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Instrument :

BNA_N

ClientSampled :

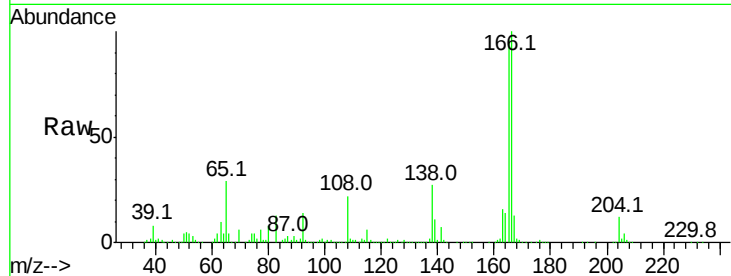
Tot Ion:166 Resp: 3057688

Ion Ratio Lower Upper

166 100

165 95.7 80.6 121.0

167 13.0 10.4 15.6

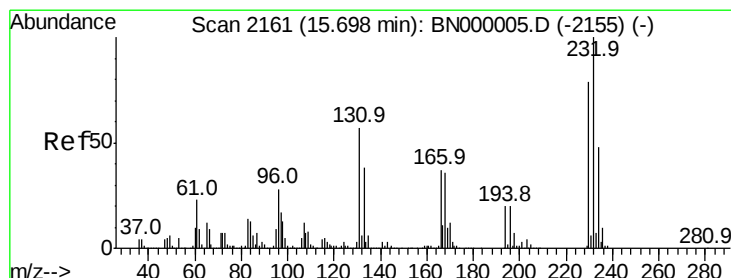
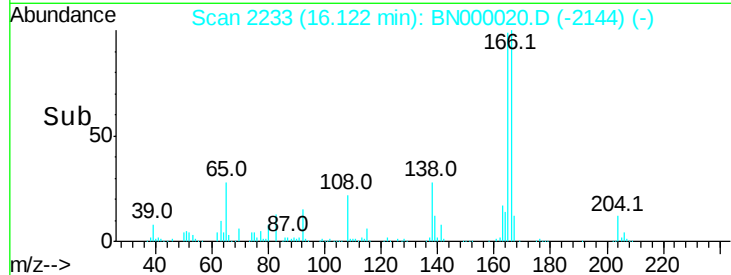
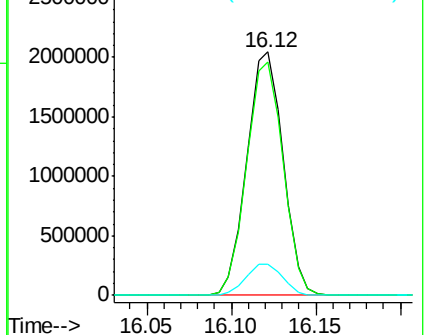


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.755 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Tgt Ion:232 Resp: 614458

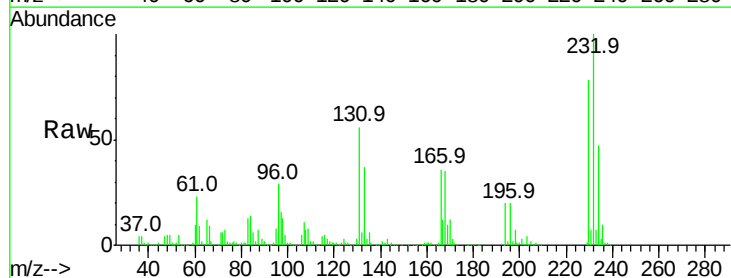
Ion Ratio Lower Upper

232 100

131 55.2 33.5 50.3#

130 3.0 2.2 3.2

166 36.3 24.8 37.2



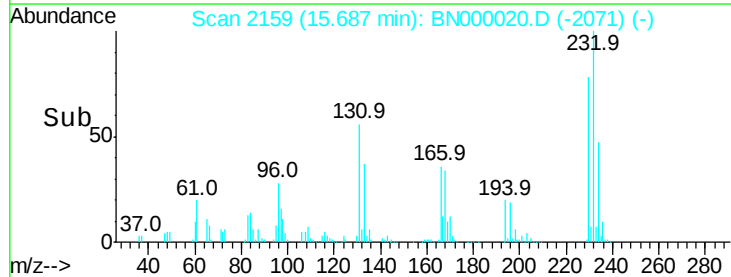
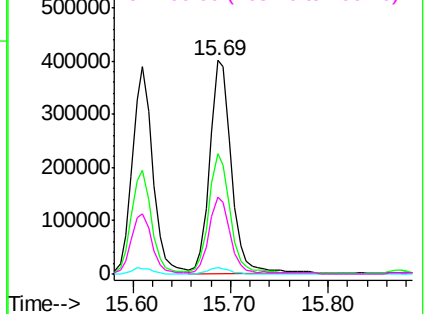
Abundance

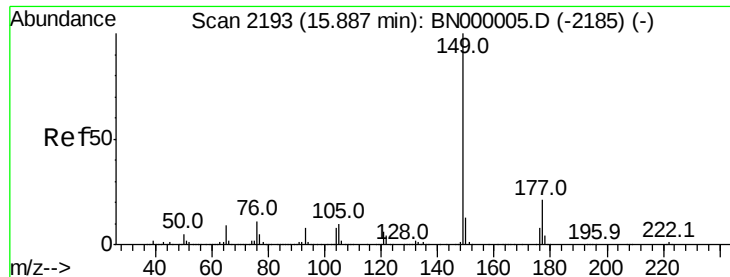
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

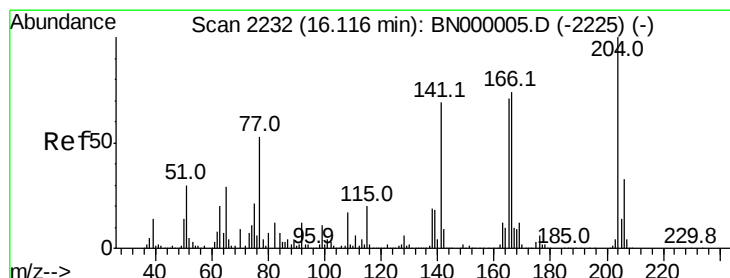
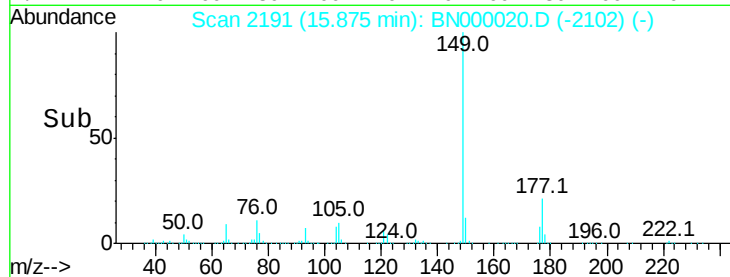
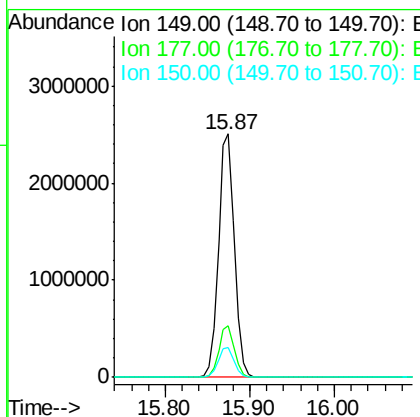
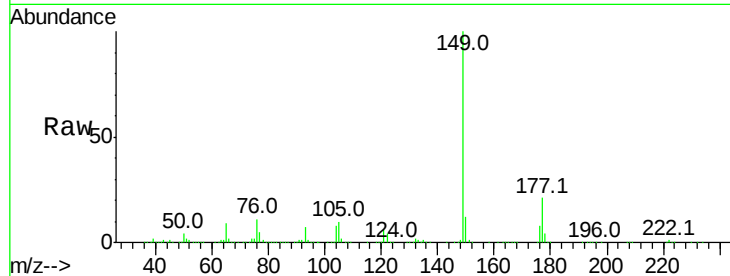




#59
Diethylphthalate
Concen: 39.789 ng
RT: 15.87 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BN000020.D
Acq: 05 Feb 2018 17:10

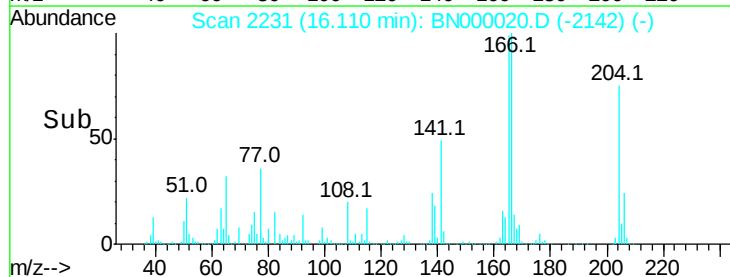
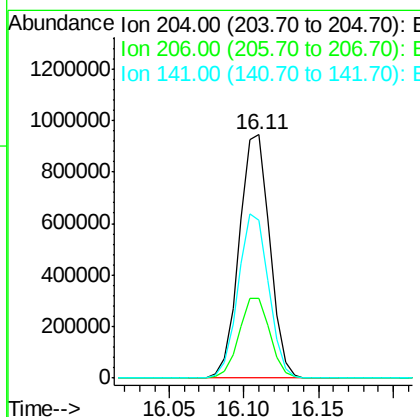
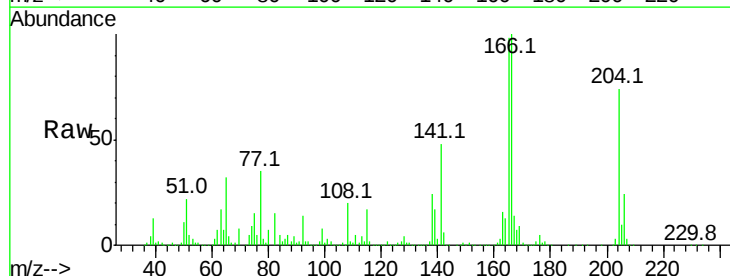
Instrument :
BNA_N
ClientSampled :

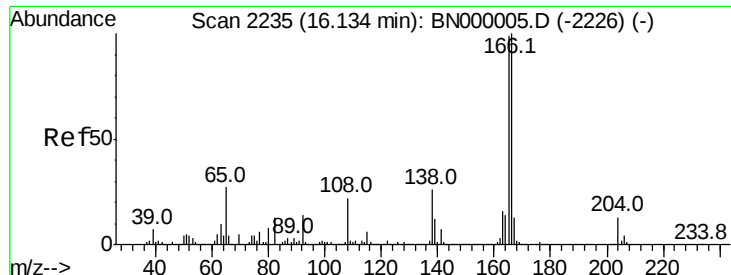
Tot Ion:149 Resp: 3311499
Ion Ratio Lower Upper
149 100
177 21.3 18.5 27.7
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.523 ng
RT: 16.11 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BN000020.D
Acq: 05 Feb 2018 17:10

Tgt Ion:204 Resp: 1337052
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 65.0 45.8 68.6

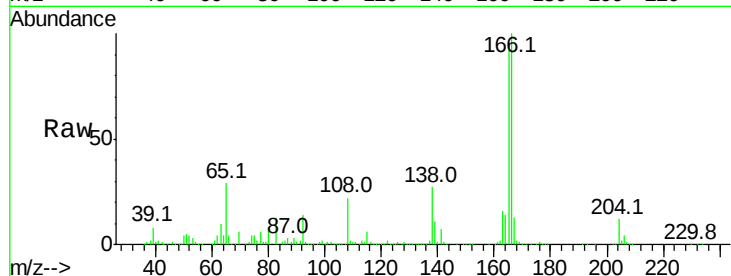




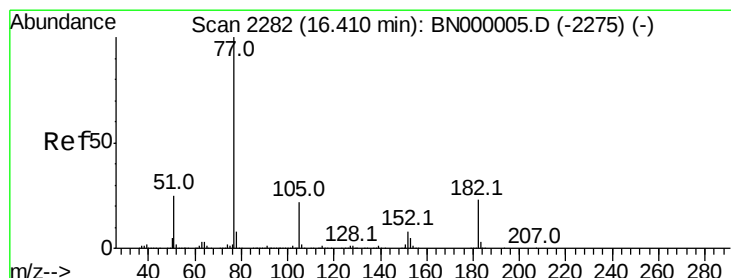
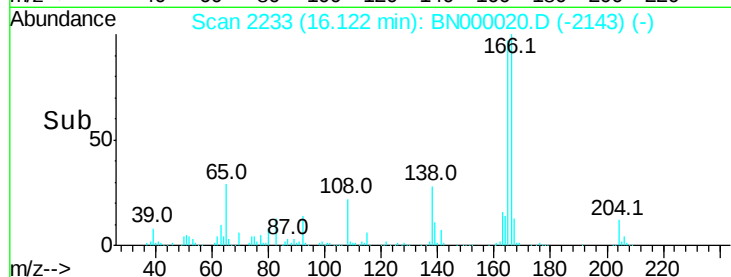
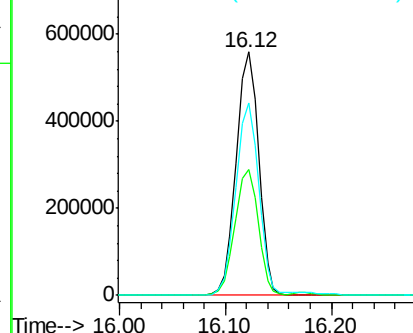
#61
4-Nitroaniline
Concen: 39.892 ng
RT: 16.12 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BN000020.D
Acq: 05 Feb 2018 17:10

Instrument :
BNA_N
ClientSampleId :

Tot Ion:138 Resp: 825759
Ion Ratio Lower Upper
138 100
92 51.7 40.1 80.1
108 79.2 65.4 105.4

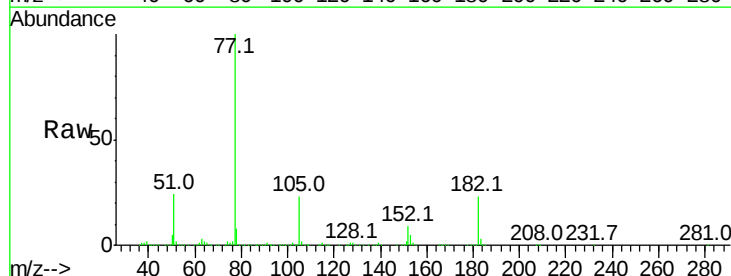


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BNC
Ion 108.00 (107.70 to 108.70): E

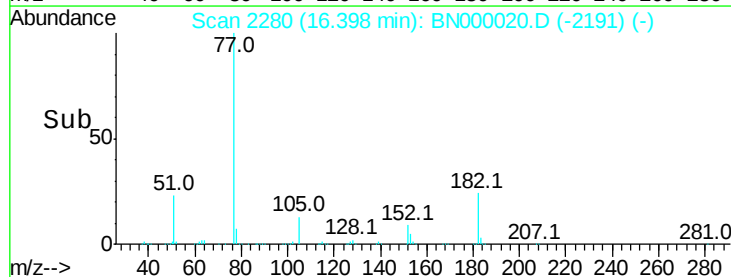
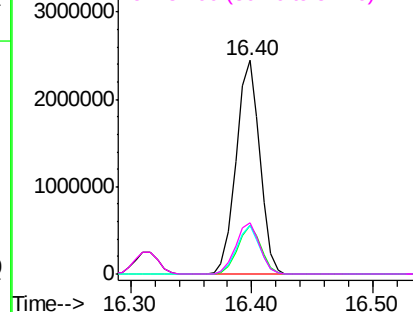


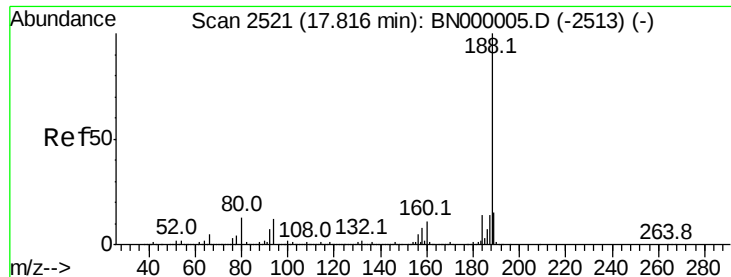
#62
Azobenzene
Concen: 39.950 ng
RT: 16.40 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BN000020.D
Acq: 05 Feb 2018 17:10

Tgt Ion: 77 Resp: 3322576
Ion Ratio Lower Upper
77 100
182 22.6 7.4 47.4
105 22.5 0.3 40.3
51 24.0 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

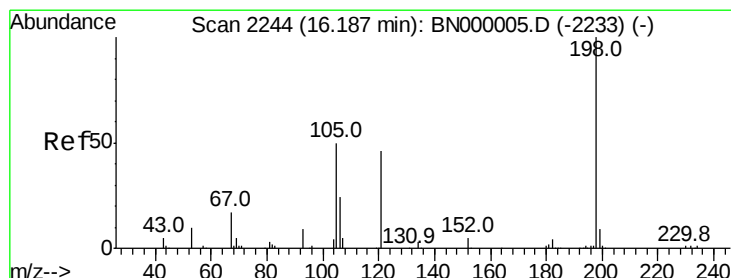
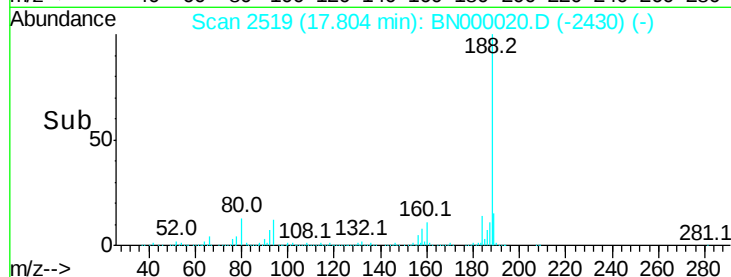
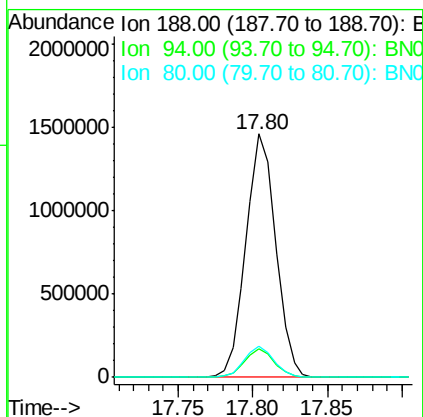
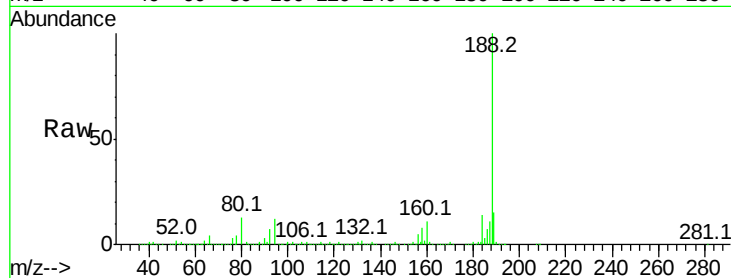




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.80 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BN000020.D
Acq: 05 Feb 2018 17:10

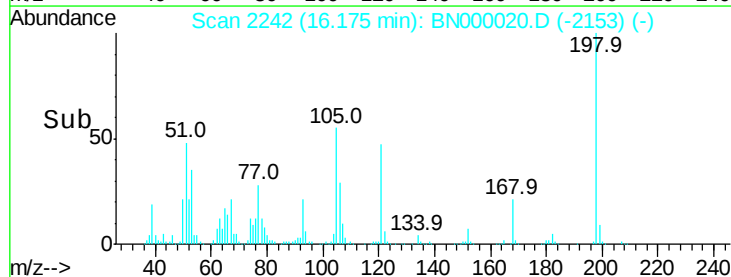
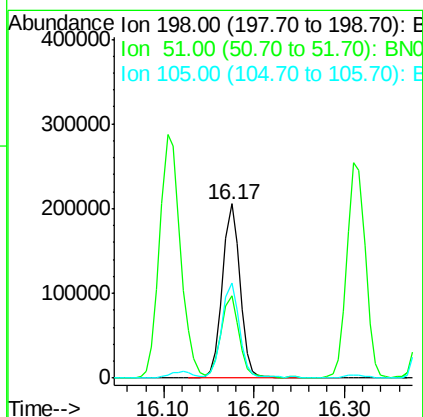
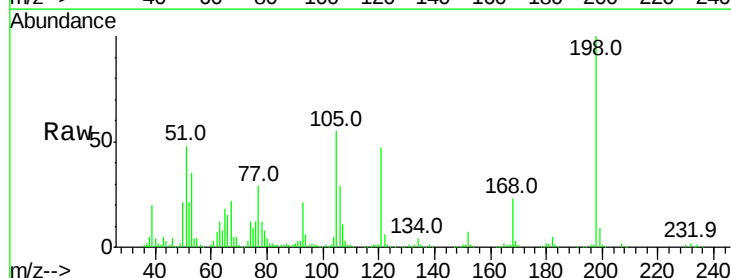
Instrument :
BNA_N
ClientSampleId :

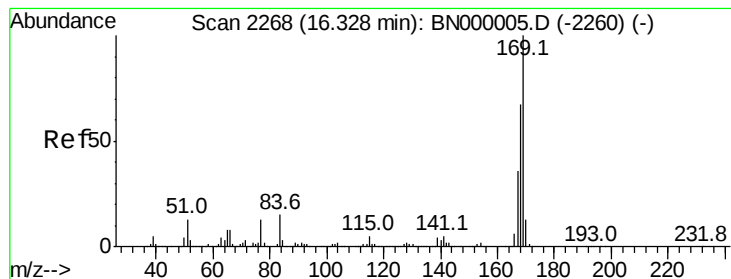
Tot Ion:188 Resp: 2024221
Ion Ratio Lower Upper
188 100
94 11.9 6.9 10.3#
80 12.7 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 37.433 ng
RT: 16.17 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BN000020.D
Acq: 05 Feb 2018 17:10

Tgt Ion:198 Resp: 277778
Ion Ratio Lower Upper
198 100
51 47.6 30.6 70.6
105 55.0 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 41.024 ng

RT: 16.32 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Instrument :

BNA_N

ClientSampleId :

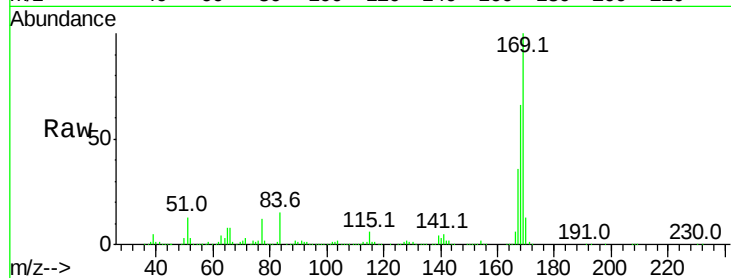
Tot Ion:169 Resp: 2713649

Ion Ratio Lower Upper

169 100

168 66.3 55.7 83.5

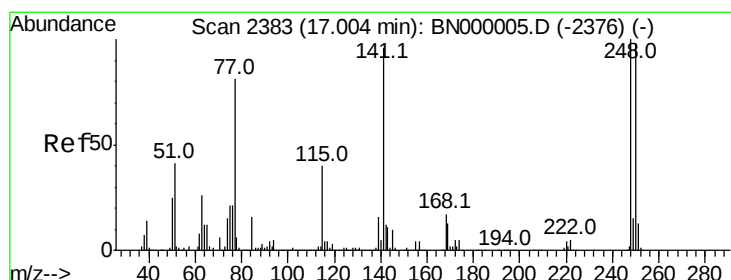
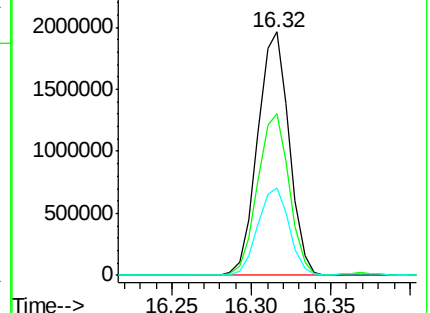
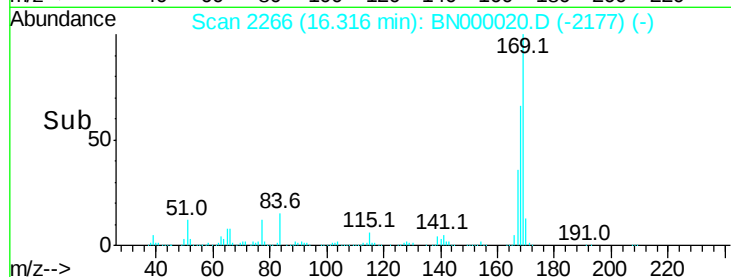
167 36.0 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.176 ng

RT: 16.99 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

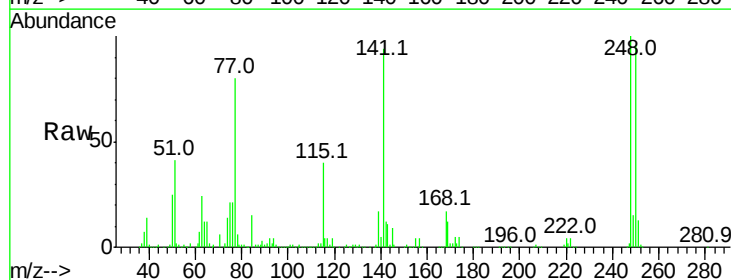
Tgt Ion:248 Resp: 761005

Ion Ratio Lower Upper

248 100

250 96.4 77.1 115.7

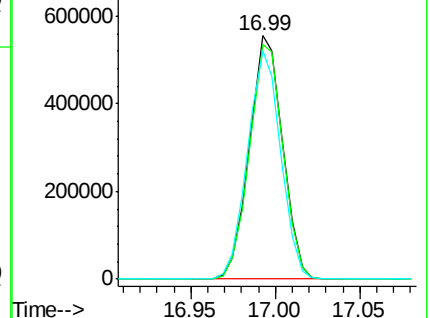
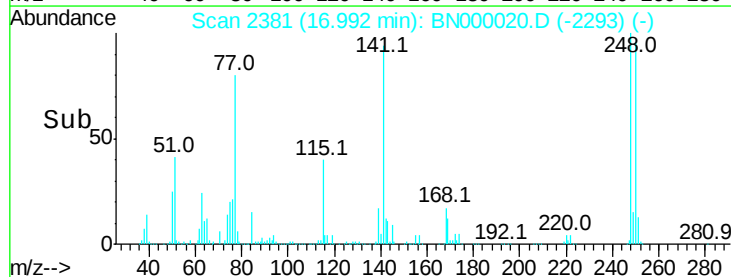
141 93.6 50.8 76.2#

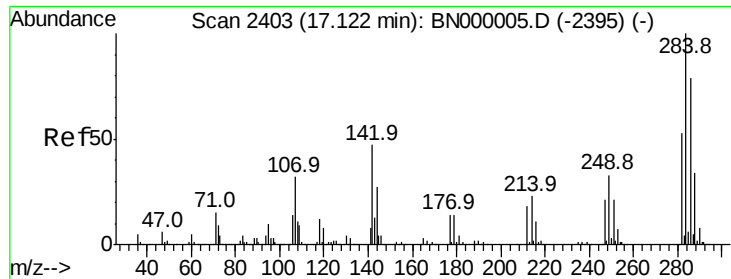


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.796 ng

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Instrument :

BNA_N

ClientSampled :

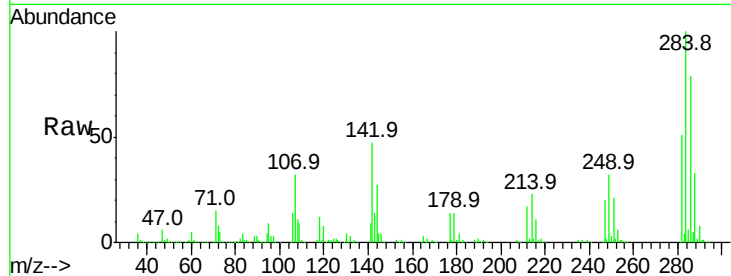
Tot Ion:284 Resp: 890270

Ion Ratio Lower Upper

284 100

142 47.4 26.8 40.2#

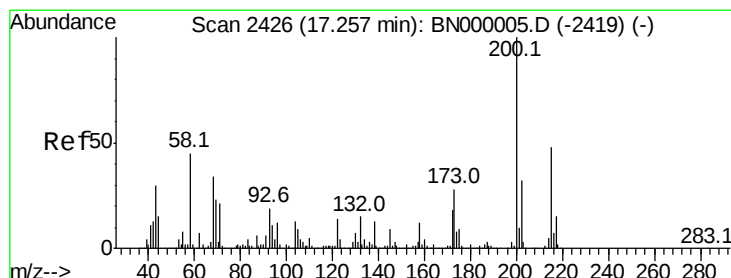
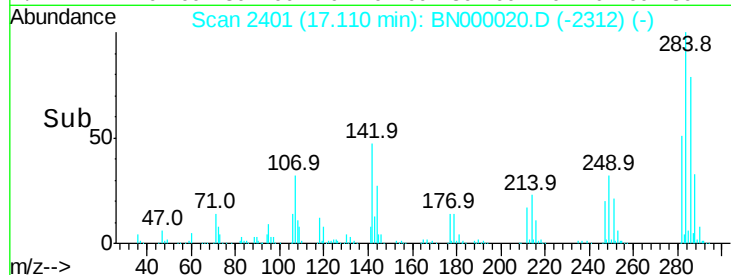
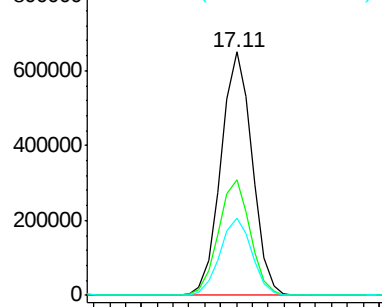
249 31.9 26.3 39.5



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: 41.428 ng

RT: 17.24 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

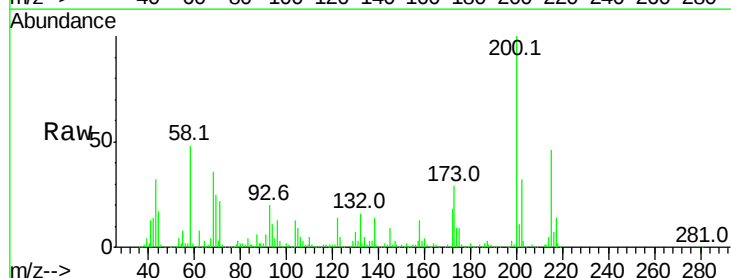
Tgt Ion:200 Resp: 835350

Ion Ratio Lower Upper

200 100

173 28.7 5.2 45.2

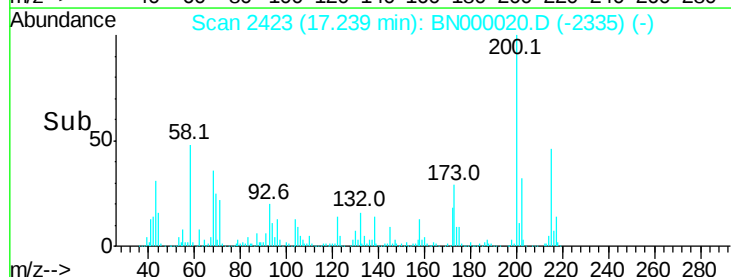
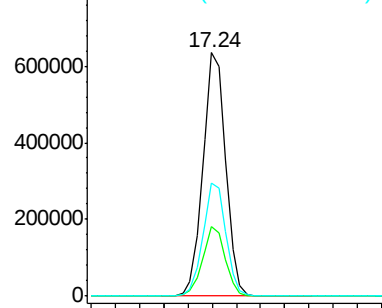
215 46.4 30.4 70.4

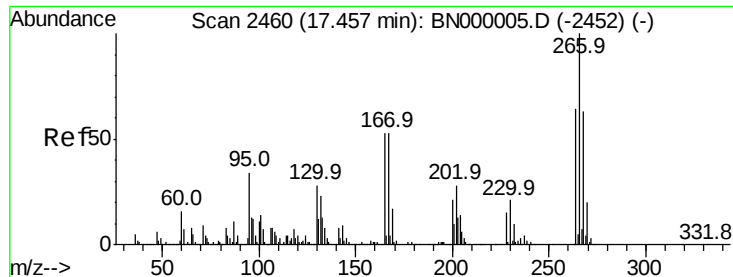


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

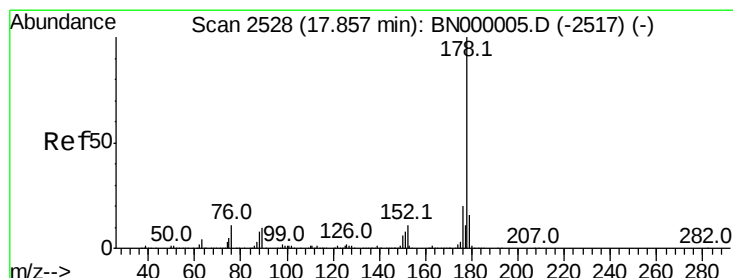
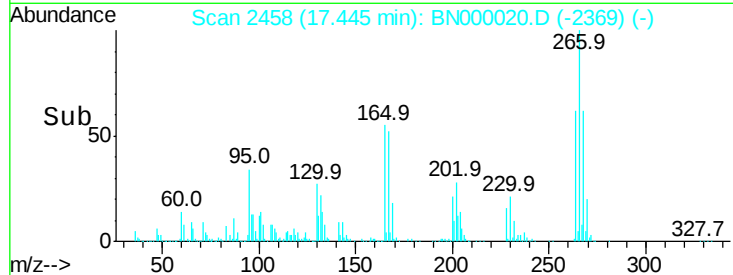
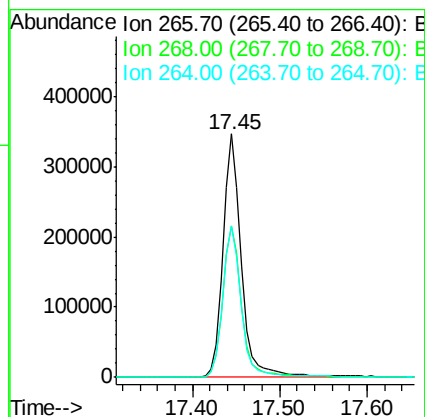
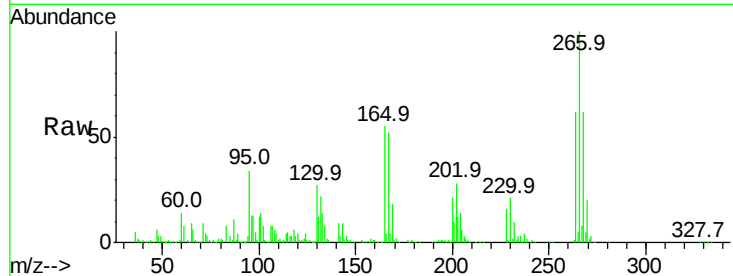




#69
 Pentachlorophenol
 Concen: 38.845 ng
 RT: 17.45 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BN000020.D
 Acq: 05 Feb 2018 17:10

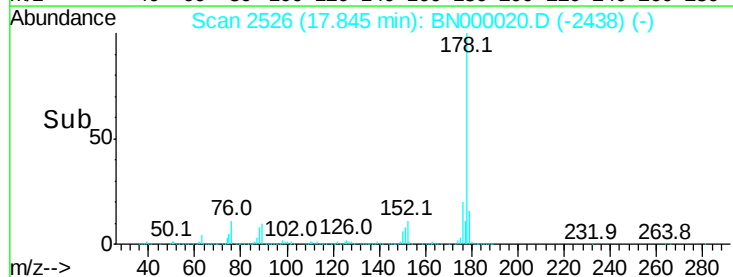
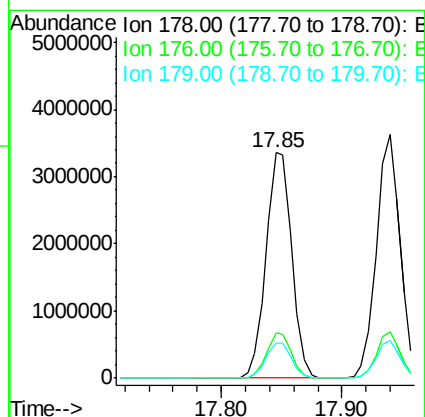
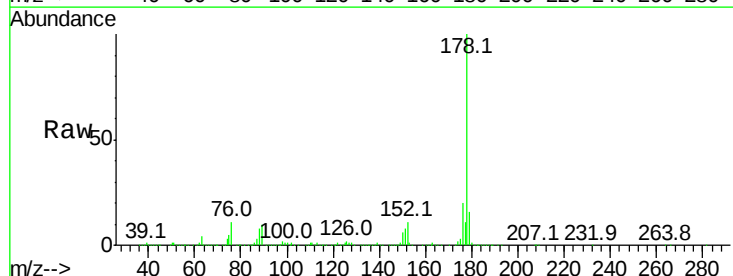
Instrument :
 BNA_N
 ClientSampled :

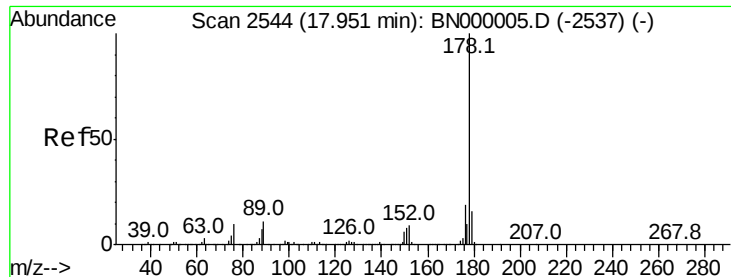
Tot Ion:266 Resp: 507694
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.1 76.7
 264 62.3 49.6 74.4



#70
 Phenanthrene
 Concen: 40.798 ng
 RT: 17.85 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BN000020.D
 Acq: 05 Feb 2018 17:10

Tgt Ion:178 Resp: 4969070
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.7 23.5
 179 15.7 12.5 18.7



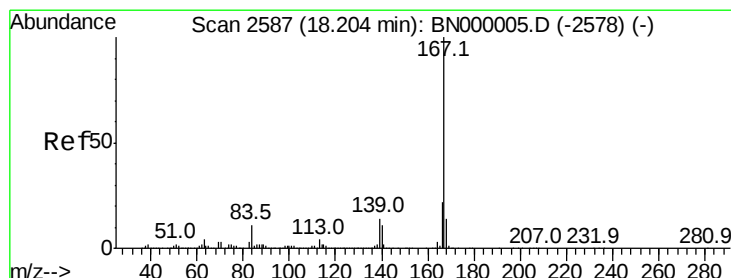
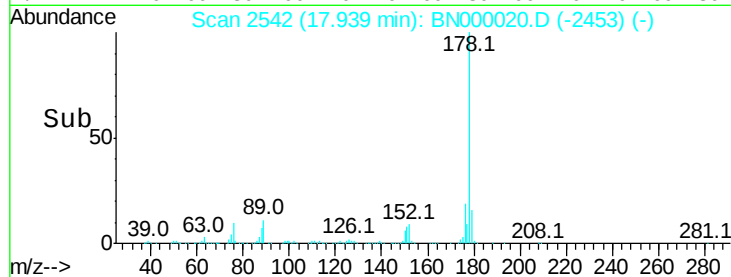
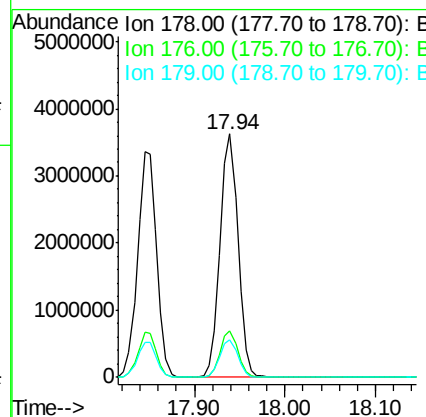
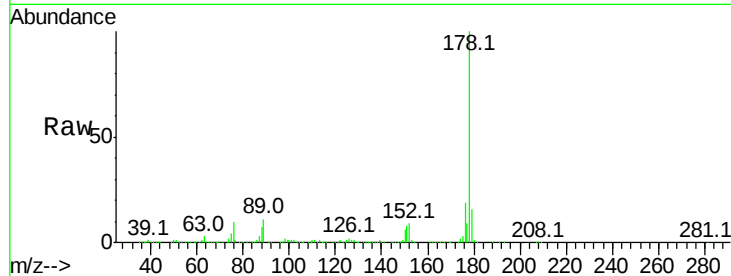


#71
 Anthracene
 Concen: 41.266 ng
 RT: 17.94 min Scan# 2542
 Delta R.T. -0.01 min
 Lab File: BN000020.D
 Acq: 05 Feb 2018 17:10

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:178 Resp: 4979018

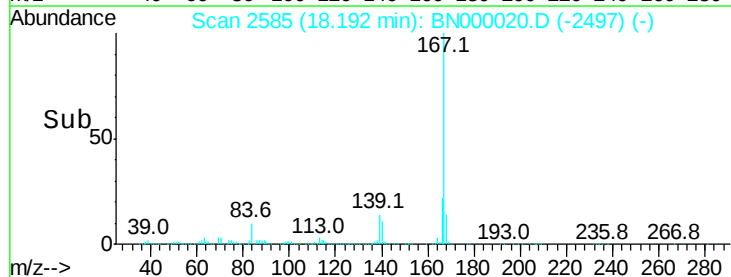
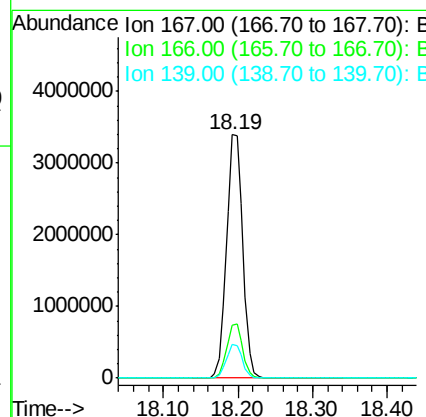
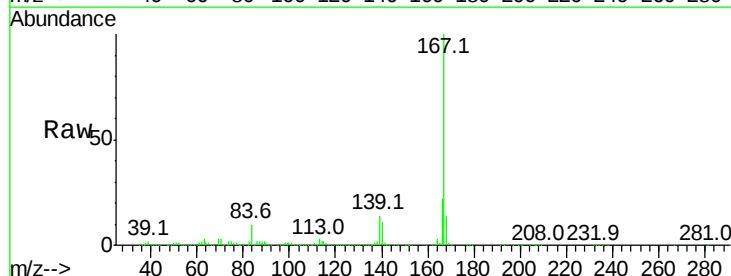
Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	15.6	12.5	18.7

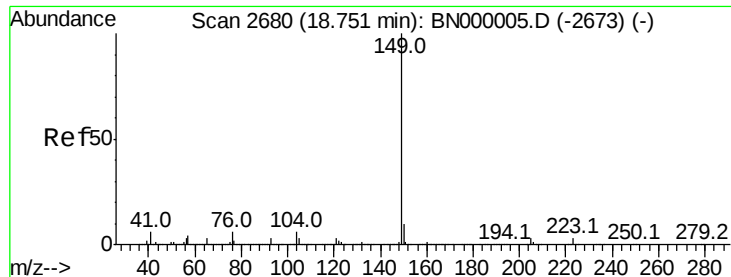


#72
 Carbazole
 Concen: 41.027 ng
 RT: 18.19 min Scan# 2585
 Delta R.T. -0.01 min
 Lab File: BN000020.D
 Acq: 05 Feb 2018 17:10

Tgt Ion:167 Resp: 5121550

Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.2	27.4
139	13.7	9.4	14.2





#73

Di-n-butylphthalate

Concen: 41.008 ng

RT: 18.73 min Scan# 2677

Delta R.T. -0.02 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Instrument :

BNA_N

ClientSampleId :

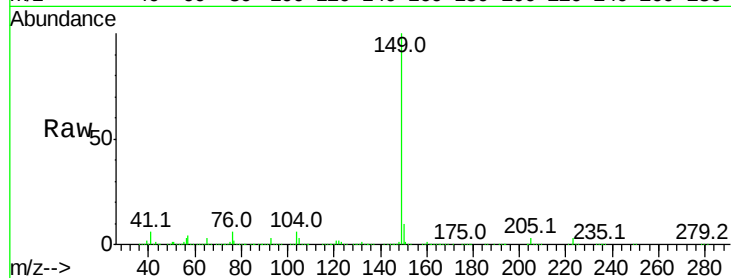
Tot Ion:149 Resp: 5685085

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

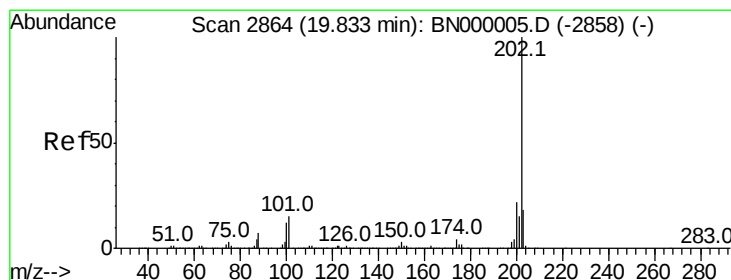
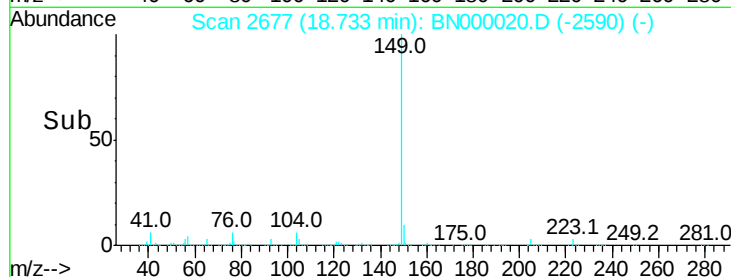
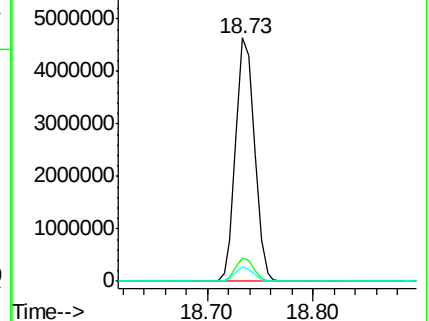
104 5.8 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.883 ng

RT: 19.82 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

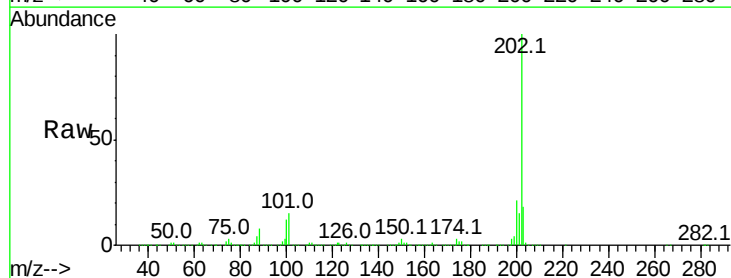
Tgt Ion:202 Resp: 5653944

Ion Ratio Lower Upper

202 100

101 15.1 0.0 28.9

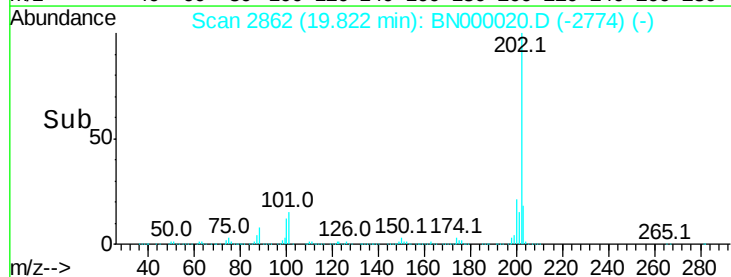
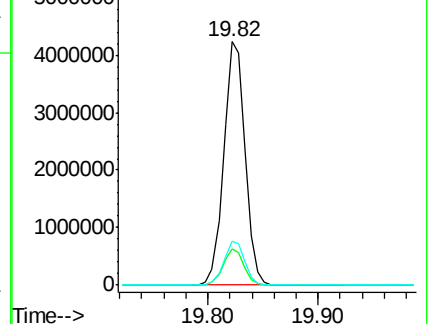
203 18.1 0.0 37.5

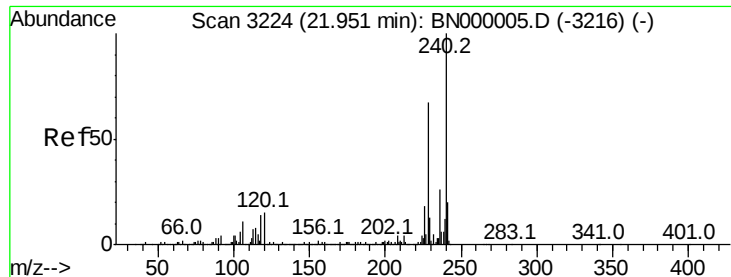


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.93 min Scan# 3221

Delta R.T. -0.02 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Instrument :

BNA_N

ClientSampled :

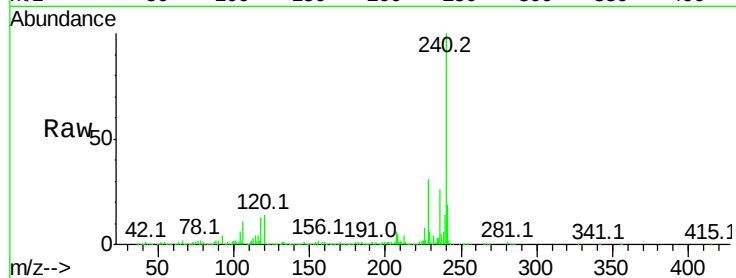
Tot Ion:240 Resp: 2380415

Ion Ratio Lower Upper

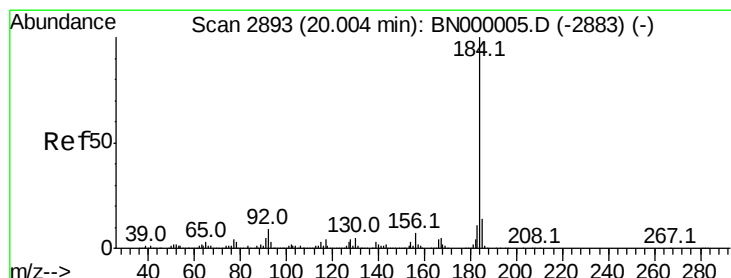
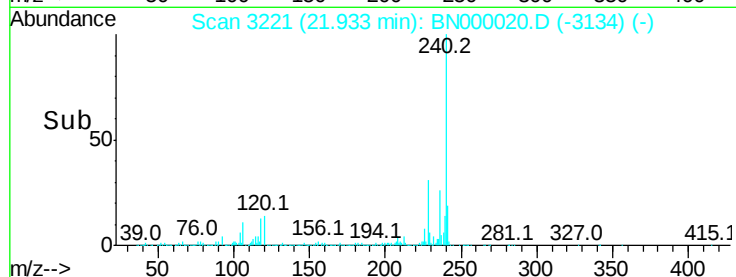
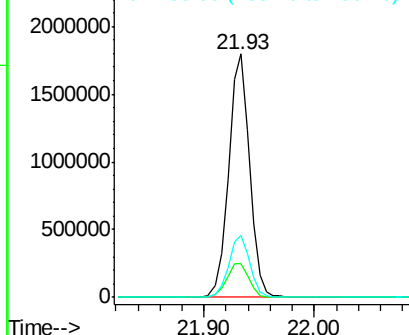
240 100

120 13.9 6.8 10.2#

236 25.7 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: 42.365 ng

RT: 19.99 min Scan# 2891

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

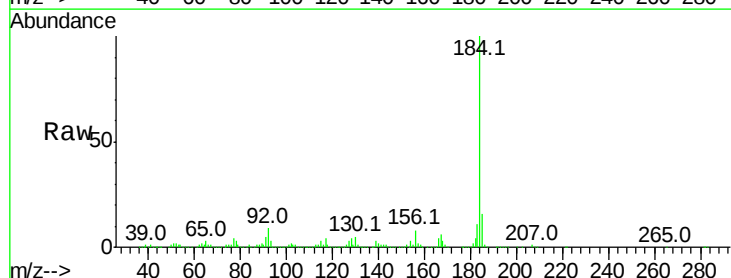
Tgt Ion:184 Resp: 2552685

Ion Ratio Lower Upper

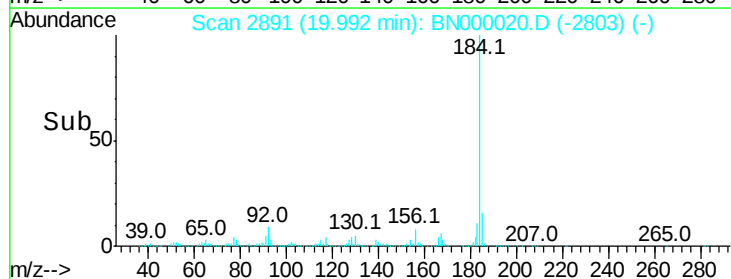
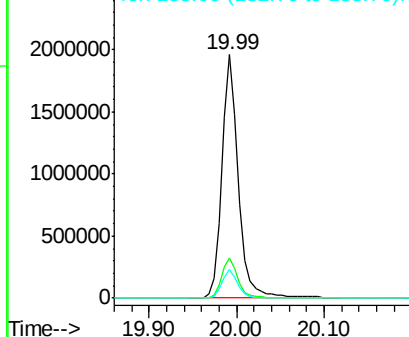
184 100

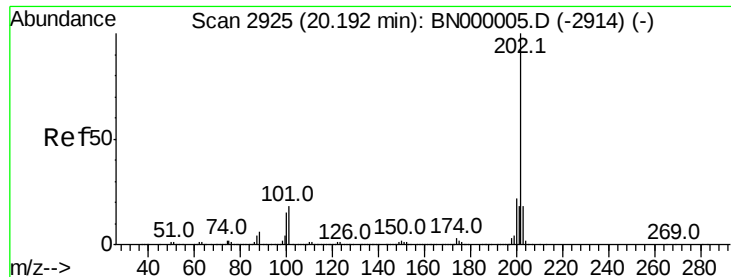
185 16.3 11.1 16.7

183 11.5 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: 40.853 ng

RT: 20.18 min Scan# 2923

Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

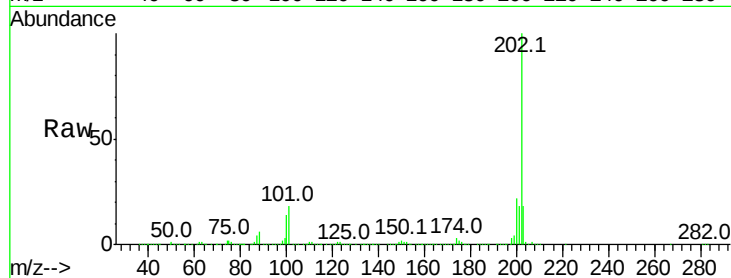
Instrument :

BNA_N

ClientSampleId :

Tot Ion:202 Resp: 6135169

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	17.6	13.9	20.9

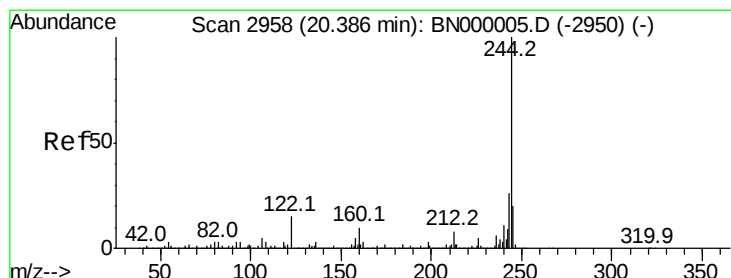
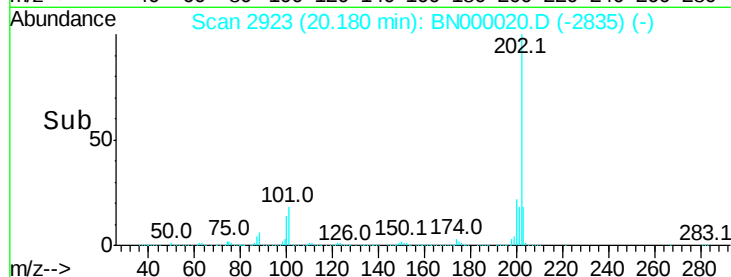
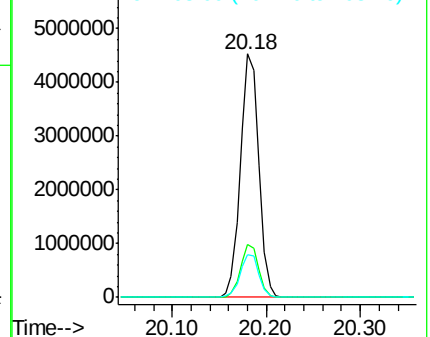


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.679 ng

RT: 20.37 min Scan# 2955

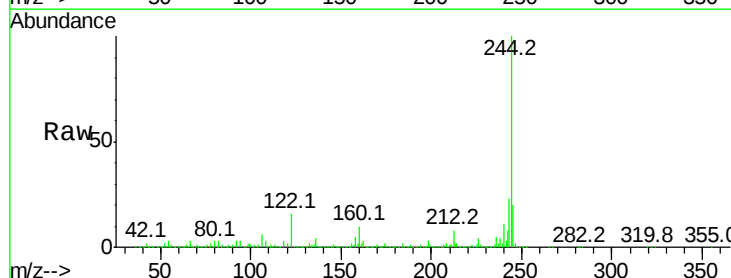
Delta R.T. -0.01 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Tgt Ion:244 Resp: 7366320

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	16.3	7.0	10.4

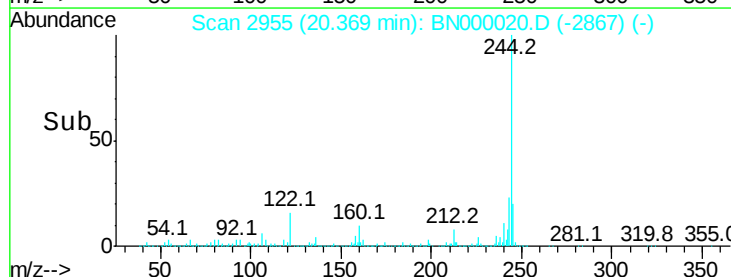
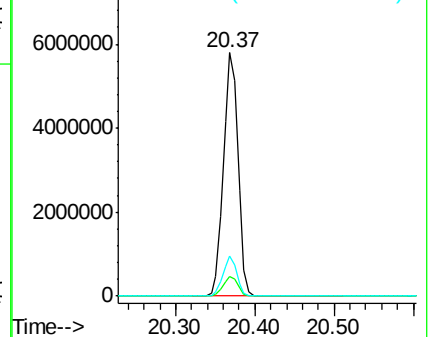


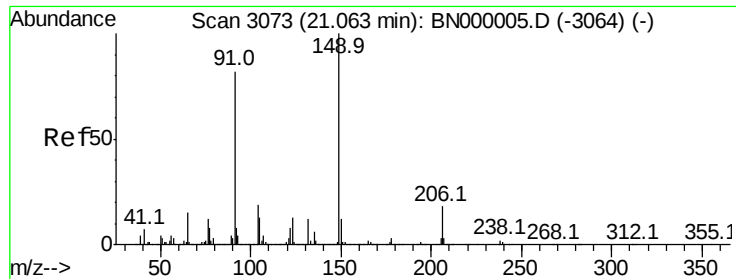
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 36.466 ng

RT: 21.05 min Scan# 3070

Delta R.T. -0.02 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Instrument :

BNA_N

ClientSampled :

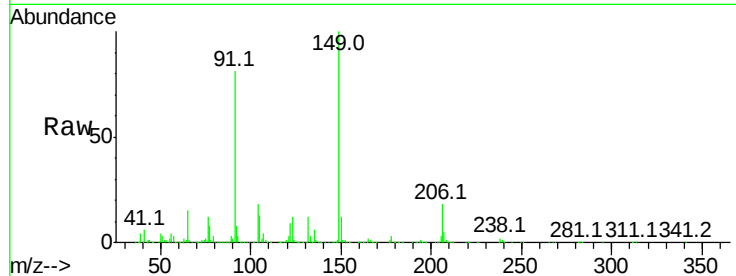
Tot Ion:149 Resp: 2422031

Ion Ratio Lower Upper

149 100

91 81.3 62.2 93.2

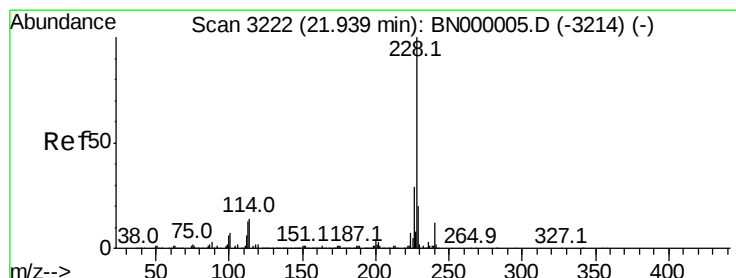
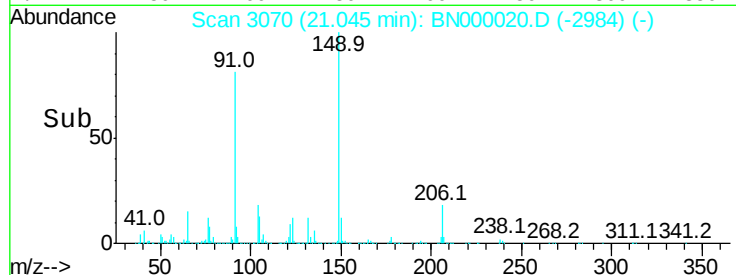
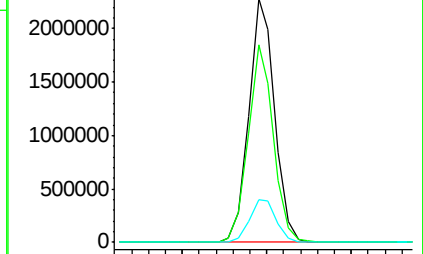
206 17.7 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.455 ng

RT: 21.92 min Scan# 3218

Delta R.T. -0.02 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

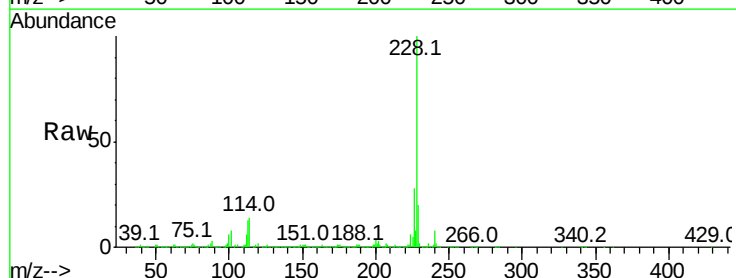
Tgt Ion:228 Resp: 6118174

Ion Ratio Lower Upper

228 100

226 28.0 22.7 34.1

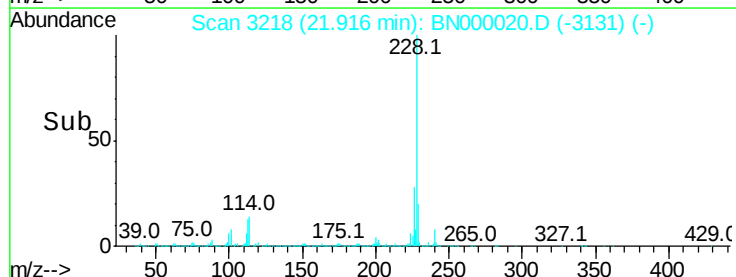
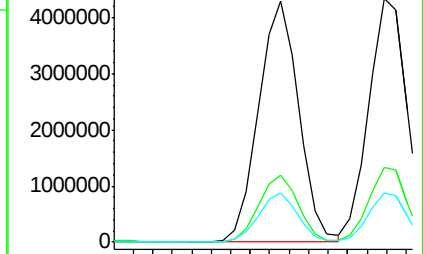
229 20.3 16.2 24.2

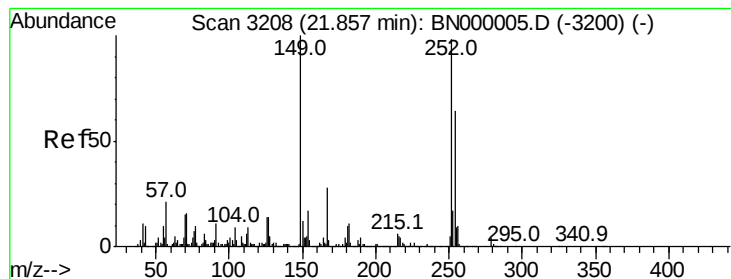


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

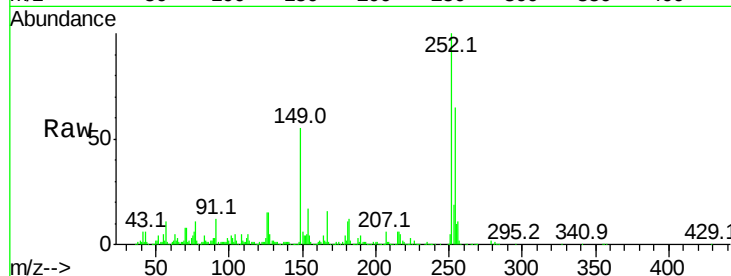




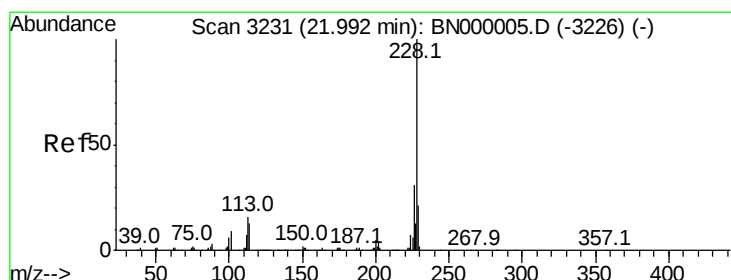
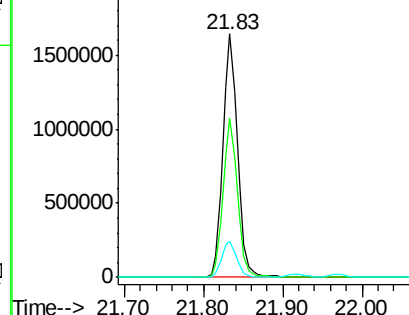
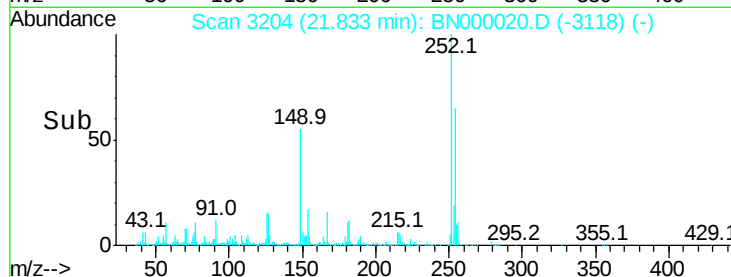
#81
 3,3'-Dichlorobenzidine
 Concen: 42.579 ng
 RT: 21.83 min Scan# 3204
 Delta R.T. -0.02 min
 Lab File: BN000020.D
 Acq: 05 Feb 2018 17:10

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:252 Resp: 2105837
 Ion Ratio Lower Upper
 252 100
 254 65.4 50.8 76.2
 126 15.0 7.4 11.2#

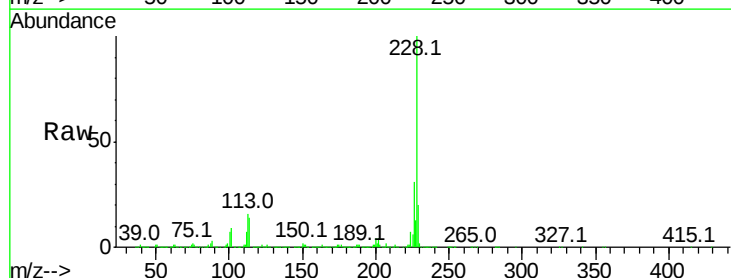


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

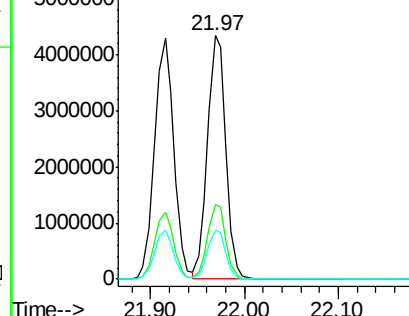
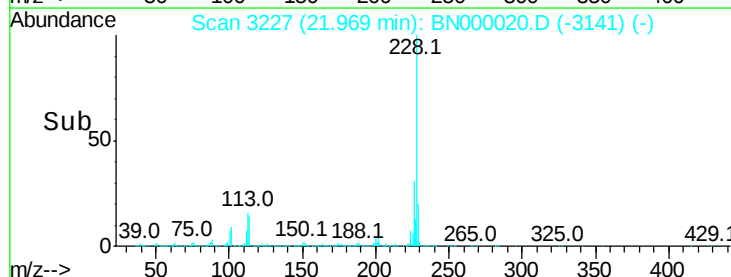


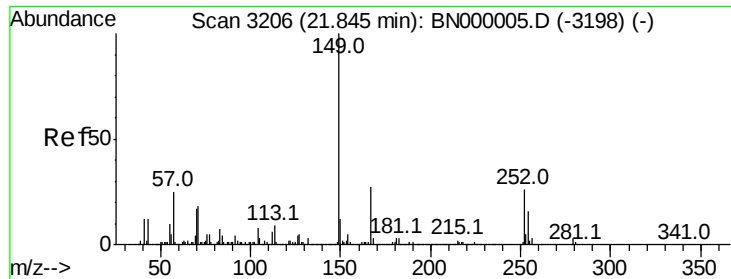
#82
 Chrysene
 Concen: 40.642 ng
 RT: 21.97 min Scan# 3227
 Delta R.T. -0.02 min
 Lab File: BN000020.D
 Acq: 05 Feb 2018 17:10

Tgt Ion:228 Resp: 5957076
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.9 37.3
 229 20.4 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

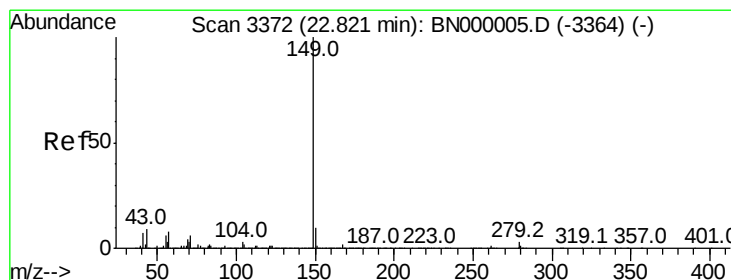
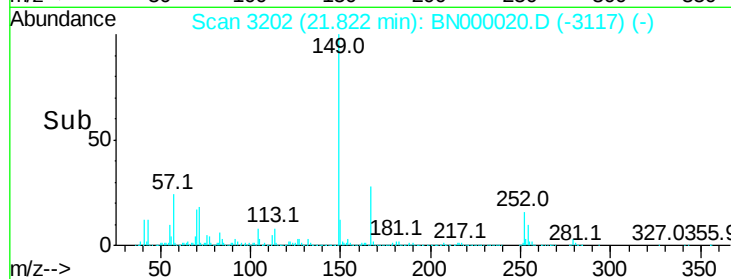
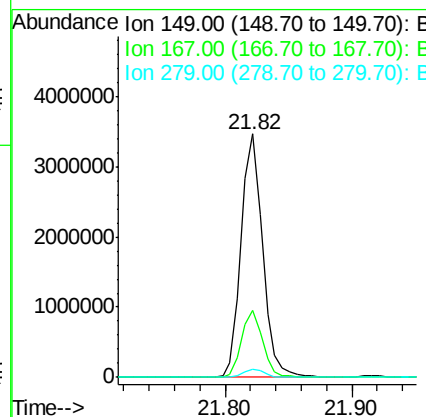
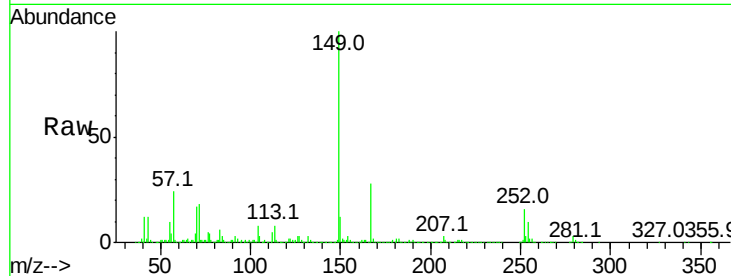




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.939 ng
 RT: 21.82 min Scan# 3202
 Delta R.T. -0.03 min
 Lab File: BN000020.D
 Acq: 05 Feb 2018 17:10

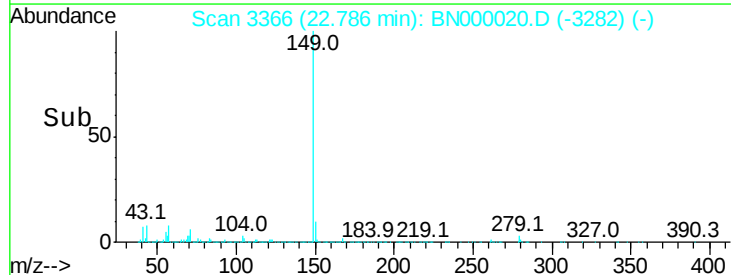
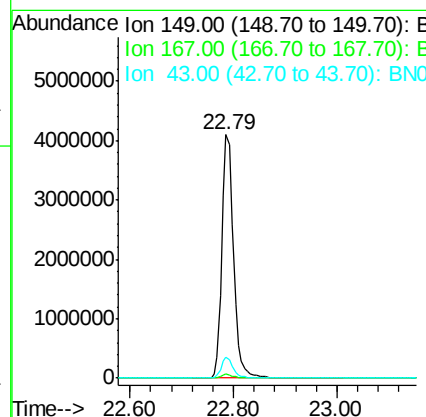
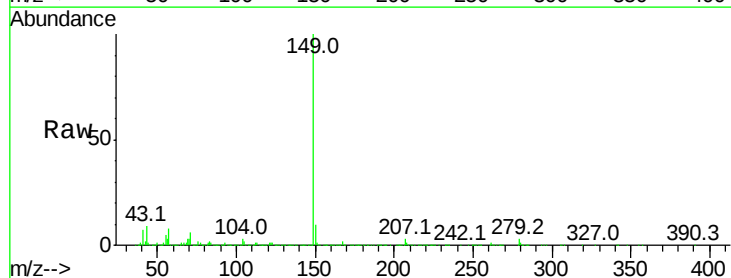
Instrument :
 BNA_N
 ClientSampleId :

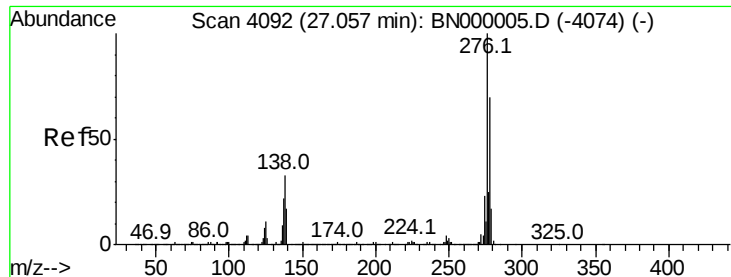
Tot Ion:149 Resp: 4055159
 Ion Ratio Lower Upper
 149 100
 167 27.5 24.3 36.5
 279 3.4 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 40.187 ng
 RT: 22.79 min Scan# 3366
 Delta R.T. -0.04 min
 Lab File: BN000020.D
 Acq: 05 Feb 2018 17:10

Tgt Ion:149 Resp: 6442813
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.4 2.0
 43 8.7 8.9 13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.598 ng

RT: 27.01 min Scan# 4084

Delta R.T. -0.04 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Instrument :

BNA_N

ClientSampleId :

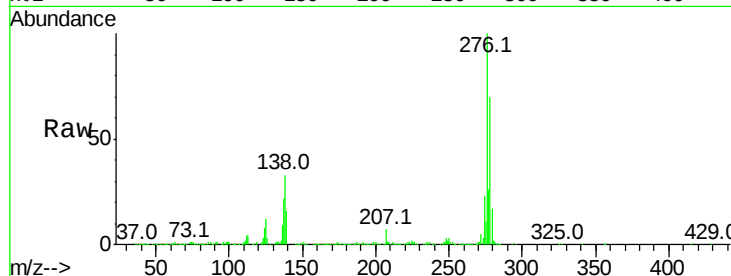
Tot Ion:276 Resp: 7865068

Ion Ratio Lower Upper

276 100

138 33.9 16.0 24.0#

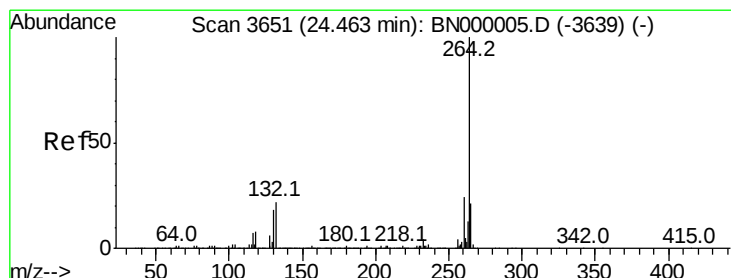
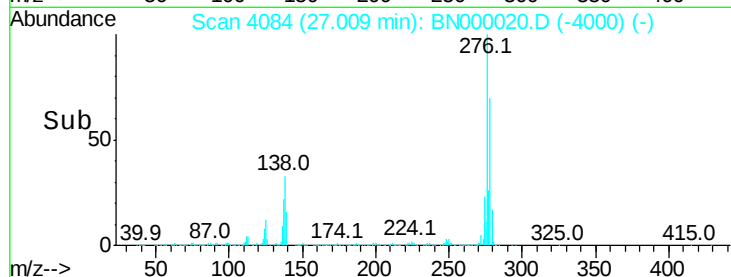
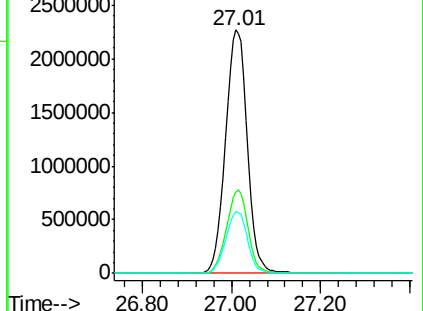
277 25.4 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.43 min Scan# 3645

Delta R.T. -0.03 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

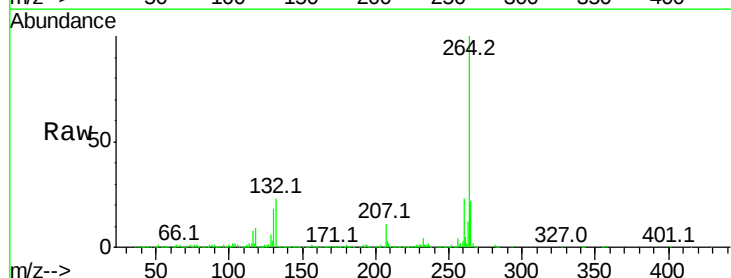
Tgt Ion:264 Resp: 2605982

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

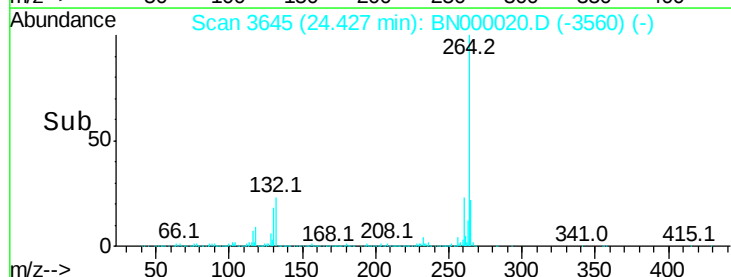
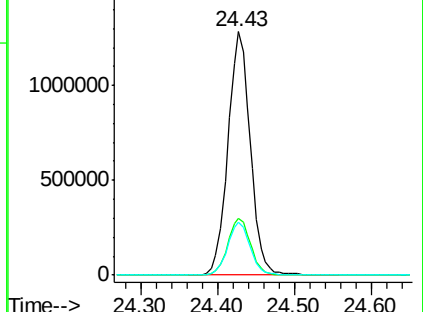
265 21.8 17.7 26.5

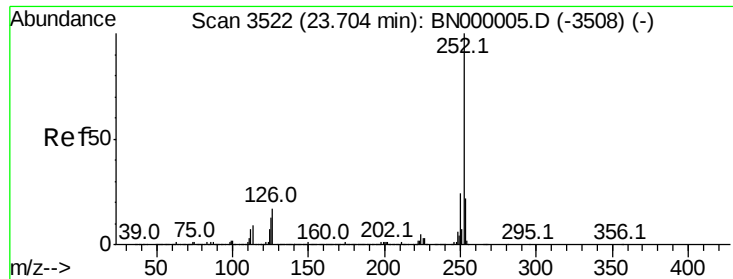


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.926 ng

RT: 23.67 min Scan# 3516

Delta R.T. -0.03 min

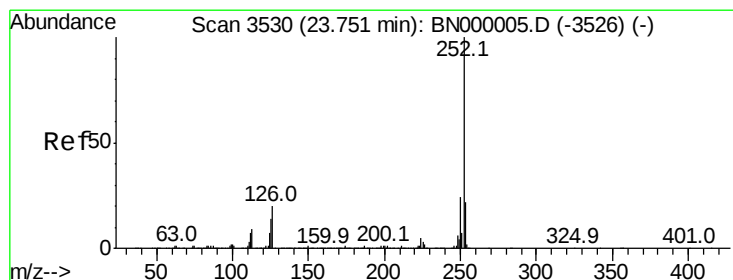
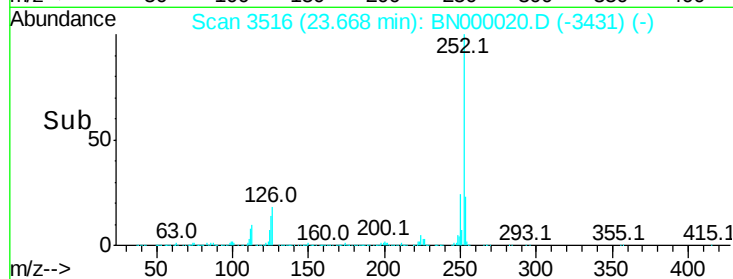
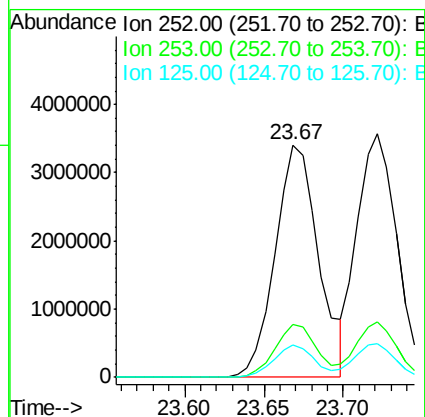
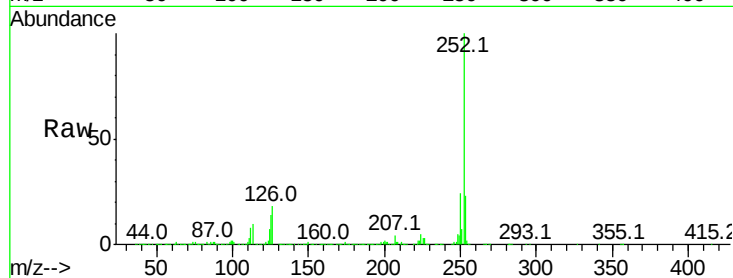
Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Instrument :
BNA_N
ClientSampled :

Tot Ion:252 Resp: 6496342

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	14.1	7.2	10.8



#88

Benzo(k)fluoranthene

Concen: 40.455 ng

RT: 23.72 min Scan# 3525

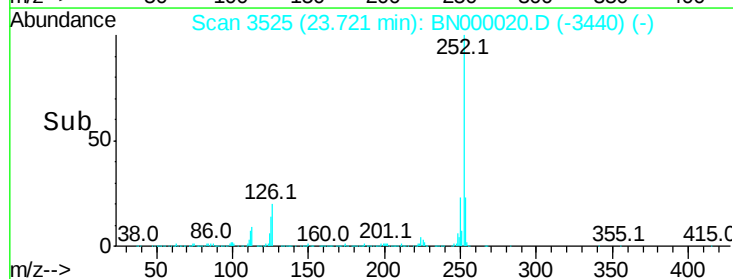
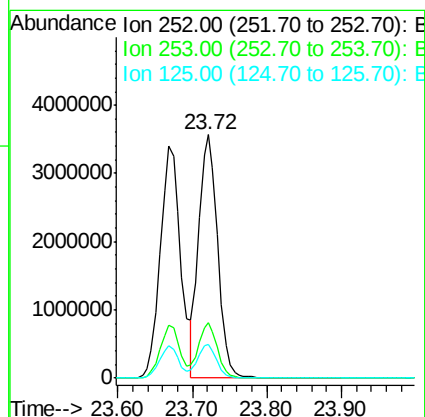
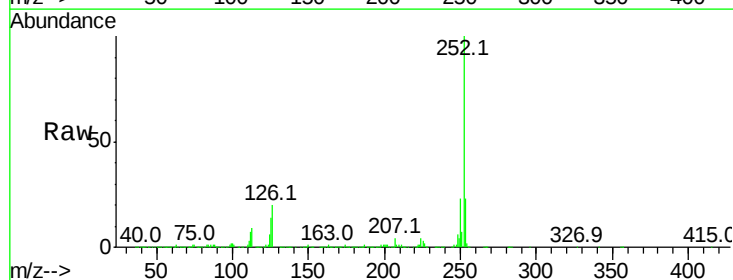
Delta R.T. -0.03 min

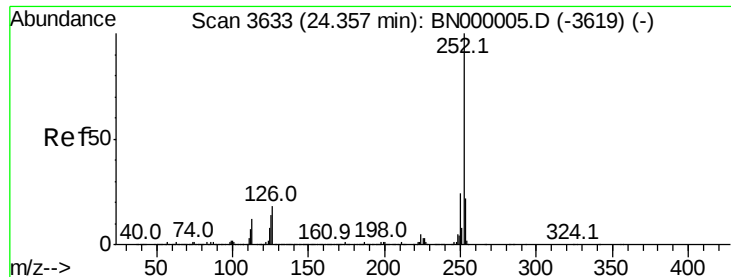
Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Tgt Ion:252 Resp: 6284887

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	13.6	6.6	9.8





#89

Benzo(a)pyrene

Concen: 41.141 ng

RT: 24.32 min Scan# 3627

Delta R.T. -0.03 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

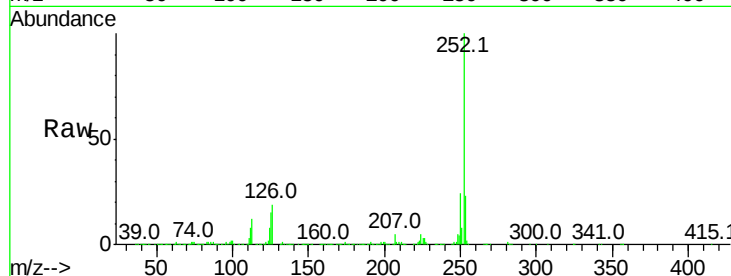
Instrument :

BNA_N

ClientSampleId :

Tot Ion:252 Resp: 6192840

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	15.0	7.3	10.9

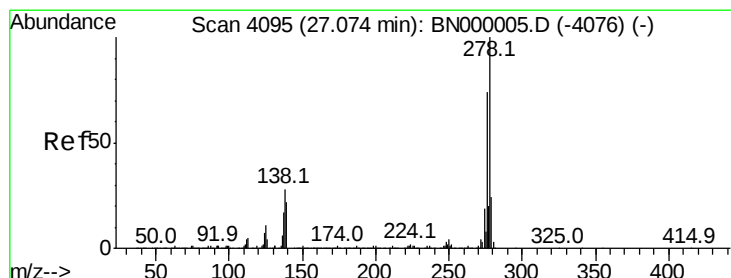
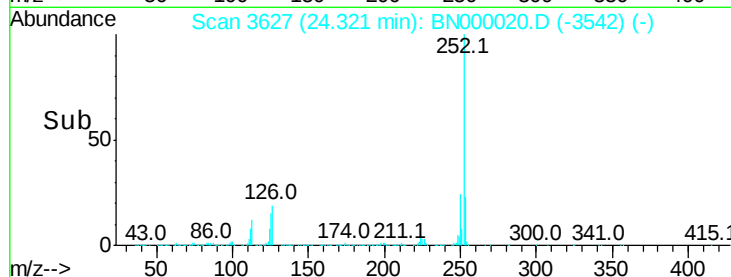
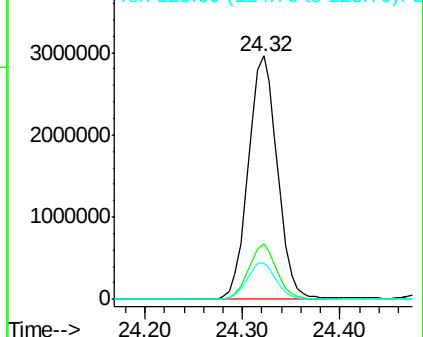


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.773 ng

RT: 27.03 min Scan# 4087

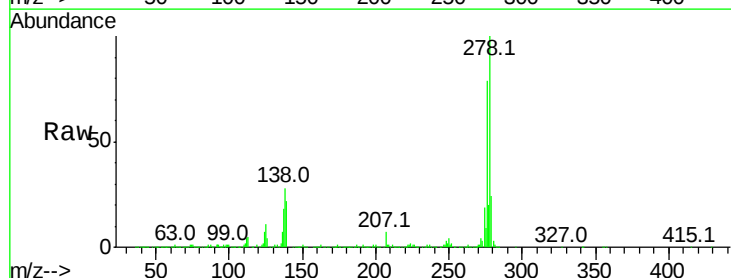
Delta R.T. -0.04 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Tgt Ion:278 Resp: 6581362

Ion	Ratio	Lower	Upper
278	100		
139	21.7	9.8	14.6
279	24.0	18.4	27.6

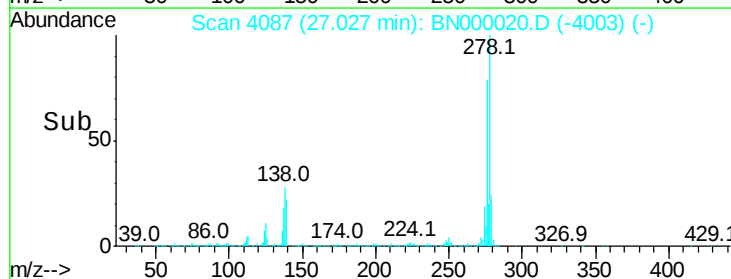
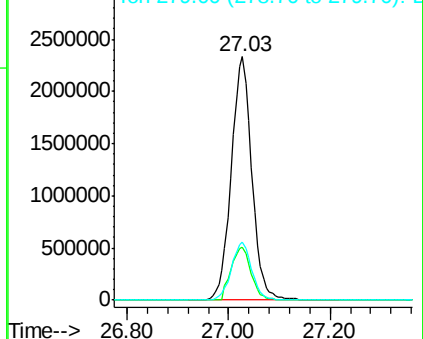


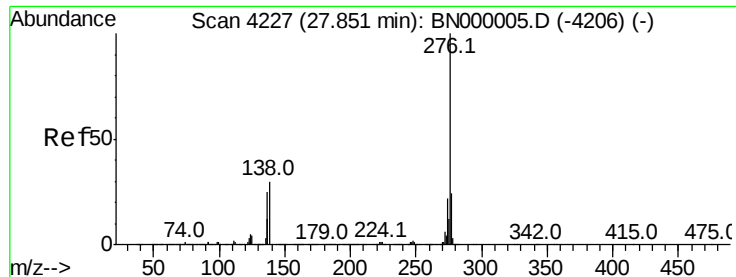
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.226 ng

RT: 27.80 min Scan# 4219

Delta R.T. -0.03 min

Lab File: BN000020.D

Acq: 05 Feb 2018 17:10

Instrument :

BNA_N

ClientSampleId :

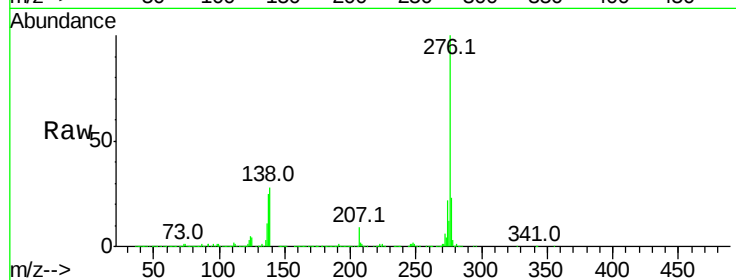
Tot Ion:276 Resp: 6601215

Ion Ratio Lower Upper

276 100

277 23.4 18.3 27.5

138 28.5 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

