

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020518\
 Data File : BN000011.D
 Acq On : 05 Feb 2018 10:24
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 06 05:19:32 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 19:48:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	246522	20.00	ng	-0.01
21) Naphthalene-d8	11.32	136	1277281	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	783788	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	1777470	20.00	ng	0.00
75) Chrysene-d12	21.94	240	2061119	20.00	ng	0.00
86) Perylene-d12	24.46	264	2265825	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.95	112	1308745	78.28	ng	0.00
7) Phenol-d6	7.59	99	2025629	79.76	ng	0.00
23) Nitrobenzene-d5	9.66	82	1789166	84.70	ng	0.00
41) 2,4,6-Tribromophenol	16.56	330	634479	80.53	ng	0.00
44) 2-Fluorobiphenyl	13.72	172	4743712	81.06	ng	0.00
78) Terphenyl-d14	20.37	244	6515348	83.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	256173	38.730	ng	95
3) Pyridine	4.10	79	838387	41.794	ng	98
4) n-Nitrosodimethylamine	4.01	42	235612	39.921	ng	# 95
6) Aniline	7.78	93	1402770	40.518	ng	91
8) 2-Chlorophenol	8.03	128	744908	40.273	ng	87
9) Benzaldehyde	7.59	77	497228	37.502	ng	88
10) Phenol	7.62	94	1044528	40.237	ng	86
11) bis(2-Chloroethyl)ether	7.88	93	818962	39.545	ng	# 84
12) 1,3-Dichlorobenzene	8.36	146	828709	40.357	ng	99
13) 1,4-Dichlorobenzene	8.52	146	846976	40.162	ng	96
14) 1,2-Dichlorobenzene	8.84	146	842382	40.428	ng	96
15) Benzyl Alcohol	8.71	79	712905	38.225	ng	88
16) 2,2'-oxybis(1-Chloropropan	9.01	45	879598	39.268	ng	80
17) 2-Methylphenol	8.90	107	737641	39.407	ng	94
18) Hexachloroethane	9.59	117	289502	40.031	ng	# 79
19) n-Nitroso-di-n-propylamine	9.28	70	665870	38.908	ng	# 84
20) 3+4-Methylphenols	9.23	107	1039160	39.636	ng	93
22) Acetophenone	9.31	105	1497078	39.684	ng	# 87
24) Nitrobenzene	9.70	77	967344	42.697	ng	# 93
25) Isophorone	10.22	82	1912452	38.223	ng	97
26) 2-Nitrophenol	10.42	139	277787	35.069	ng	89
27) 2,4-Dimethylphenol	10.46	122	793798	38.693	ng	95
28) bis(2-Chloroethoxy)methane	10.70	93	1142952	39.603	ng	97
29) 2,4-Dichlorophenol	10.95	162	714728	40.603	ng	96
30) 1,2,4-Trichlorobenzene	11.17	180	828392	40.188	ng	96
31) Naphthalene	11.37	128	2875882	40.146	ng	98
32) Benzoic acid	10.55	122	410573	37.955	ng	87
33) 4-Chloroaniline	11.46	127	1330156	40.052	ng	95
34) Hexachlorobutadiene	11.65	225	421885	40.174	ng	97
35) Caprolactam	12.20	113	312756	39.971	ng	98
36) 4-Chloro-3-methylphenol	12.55	107	944603	39.466	ng	97
37) 2-Methylnaphthalene	12.95	142	2033879	40.180	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	912540	39.971	ng	# 97
40) Hexachlorocyclopentadiene	13.28	237	317567	41.647	ng	90

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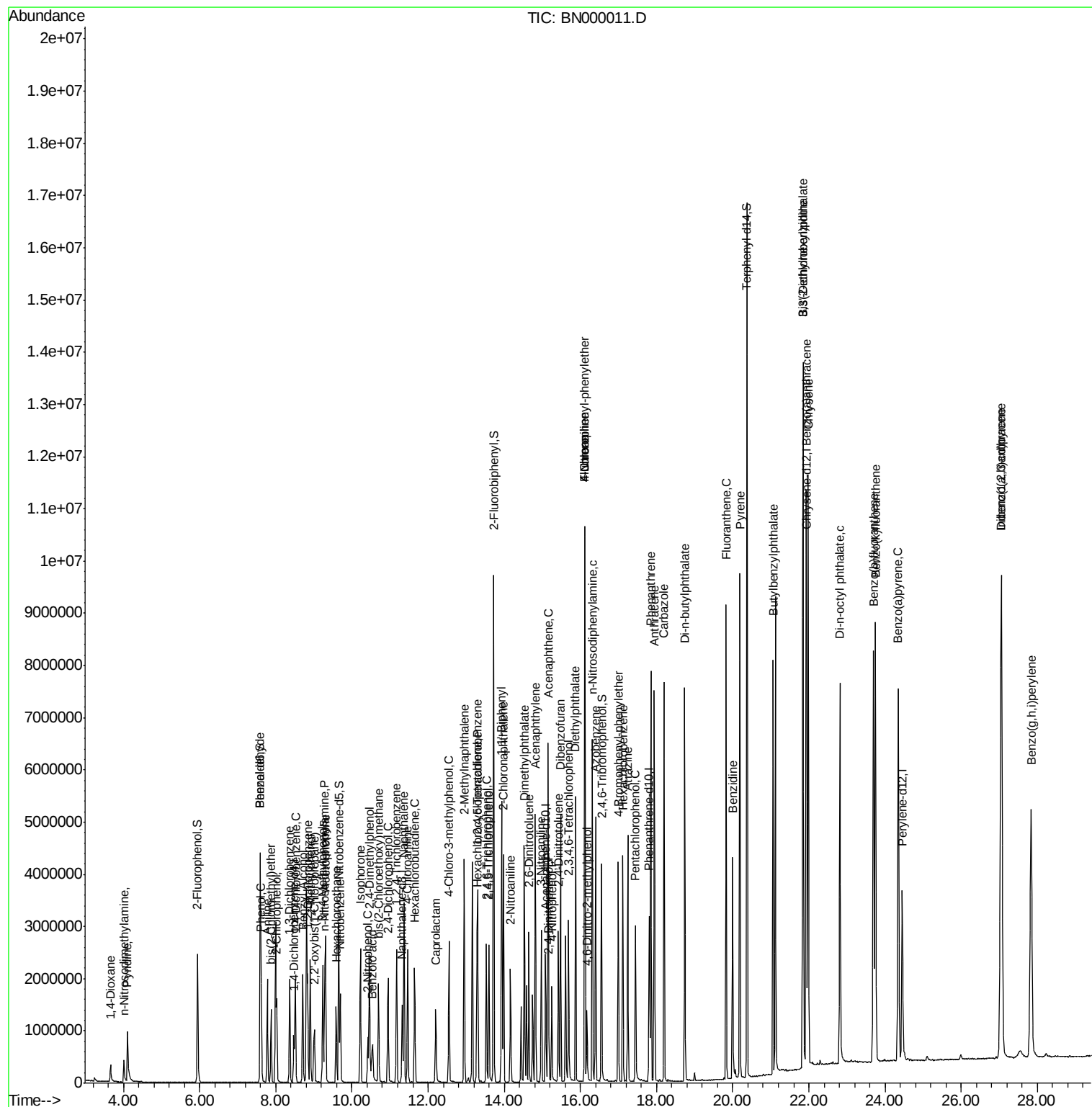
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	540130	40.027	nq	100
43) 2,4,5-Trichlorophenol	13.60	196	660009	41.533	nq	# 94
45) 1,1'-Biphenyl	13.93	154	2792163	39.871	nq	98
46) 2-Chloronaphthalene	13.98	162	2116943	40.266	nq	96
47) 2-Nitroaniline	14.16	65	528479	37.210	nq	86
48) Acenaphthylene	14.82	152	3564212	40.373	nq	98
49) Dimethylphthalate	14.53	163	2792080	39.858	nq	99
50) 2,6-Dinitrotoluene	14.65	165	536683	38.711	nq	93
51) Acenaphthene	15.15	154	2246302	40.323	nq	99
52) 3-Nitroaniline	14.97	138	667846	39.017	nq	# 90
53) 2,4-Dinitrophenol	15.17	184	119687	40.872	nq	# 10
54) Dibenzofuran	15.48	168	3200015	40.029	nq	96
55) 4-Nitrophenol	15.25	139	477449	37.031	nq	# 88
56) 2,4-Dinitrotoluene	15.42	165	715532	38.327	nq	95
57) Fluorene	16.12	166	2713123	40.306	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.69	232	537459	41.530	nq	# 83
59) Diethylphthalate	15.87	149	2923693	39.946	nq	96
60) 4-Chlorophenyl-phenylether	16.11	204	1194412	40.147	nq	94
61) 4-Nitroaniline	16.12	138	718756	39.484	nq	93
62) Azobenzene	16.40	77	2929932	40.059	nq	90
64) 4,6-Dinitro-2-methylphenol	16.17	198	238865	36.658	nq	90
65) n-Nitrosodiphenylamine	16.32	169	2392958	41.198	nq	96
66) 4-Bromophenyl-phenylether	17.00	248	666321	40.061	nq	# 84
67) Hexachlorobenzene	17.11	284	767541	40.055	nq	# 84
68) Atrazine	17.25	200	736179	41.578	nq	95
69) Pentachlorophenol	17.45	266	447696	39.009	nq	98
70) Phenanthrene	17.85	178	4380983	40.963	nq	99
71) Anthracene	17.94	178	4347051	41.030	nq	99
72) Carbazole	18.20	167	4513154	41.172	nq	97
73) Di-n-butylphthalate	18.74	149	4992922	41.015	nq	99
74) Fluoranthene	19.83	202	4952046	40.779	nq	94
76) Benzidine	20.00	184	2329033	44.641	nq	97
77) Pyrene	20.19	202	5380894	41.381	nq	99
79) Butylbenzylphthalate	21.06	149	2083676	36.231	nq	# 97
80) Benzo(a)anthracene	21.93	228	5286236	41.367	nq	99
81) 3,3'-Dichlorobenzidine	21.85	252	1834961	42.850	nq	# 97
82) Chrysene	21.99	228	5234714	41.246	nq	98
83) Bis(2-ethylhexyl)phthalate	21.84	149	3519714	41.038	nq	# 95
84) Di-n-octyl phthalate	22.82	149	5603504	40.367	nq	# 95
85) Indeno(1,2,3-cd)pyrene	22.04	276	6887429	42.071	nq	# 86
87) Benzo(b)fluoranthene	23.70	252	5560523	41.274	nq	# 96
88) Benzo(k)fluoranthene	23.74	252	5595735	41.426	nq	# 94
89) Benzo(a)pyrene	24.35	252	5407049	41.314	nq	# 95
90) Dibenzo(a,h)anthracene	27.06	278	5774369	42.153	nq	# 91
91) Benzo(g,h,i)perylene	27.84	276	5865992	42.134	nq	# 88

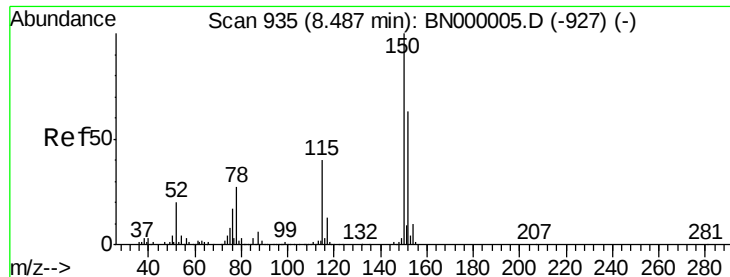
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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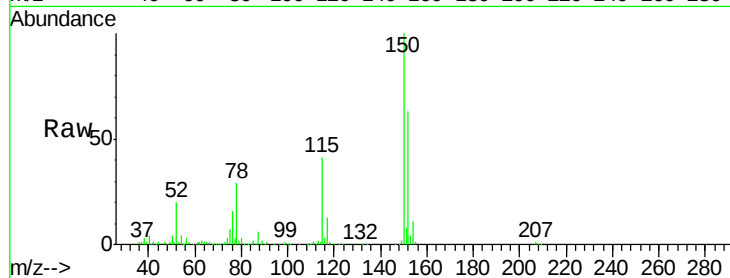


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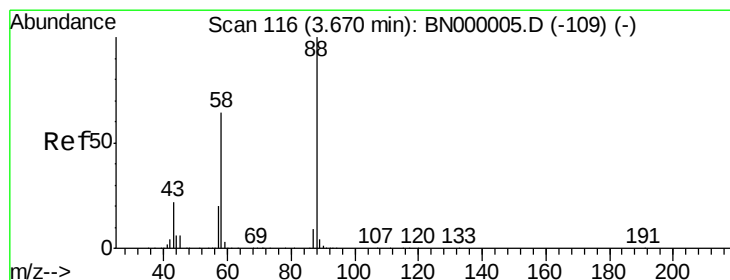
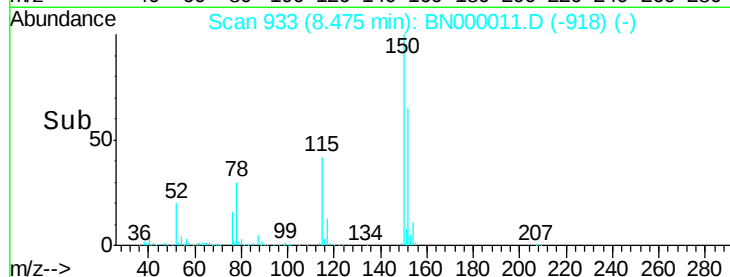
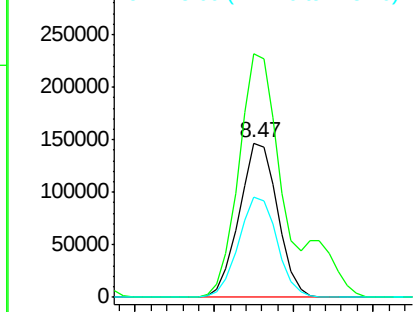
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.47 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BN000011.D
 Acq: 05 Feb 2018 10:24

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.6	189.8
115	65.1	53.0	79.4



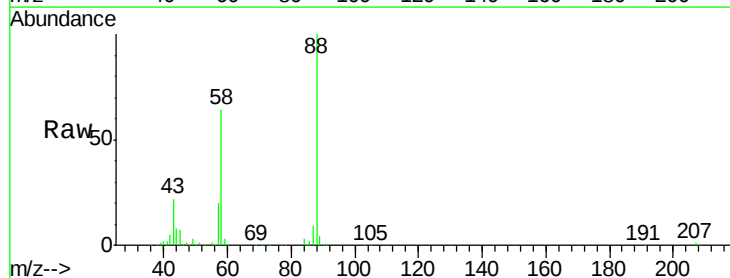
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



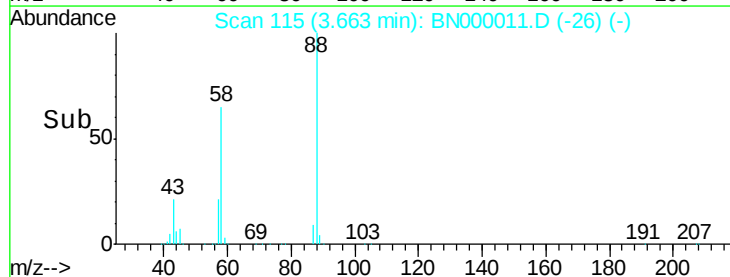
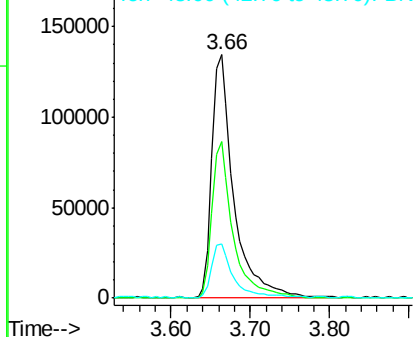
#2

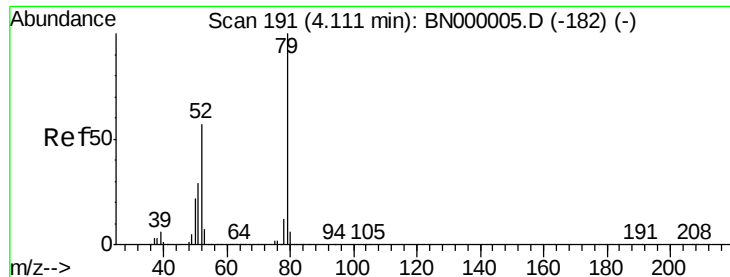
1,4-Dioxane
 Concen: 38.730 ng
 RT: 3.66 min Scan# 115
 Delta R.T. -0.01 min
 Lab File: BN000011.D
 Acq: 05 Feb 2018 10:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.3	52.0	78.0
43	21.4	20.0	30.0



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





#3

Pvridine

Concen: 41.794 ng

RT: 4.10 min Scan# 190

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

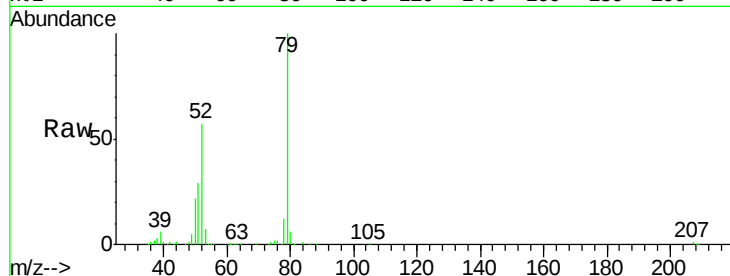
Tot Ion: 79 Resp: 838387

Ion Ratio Lower Upper

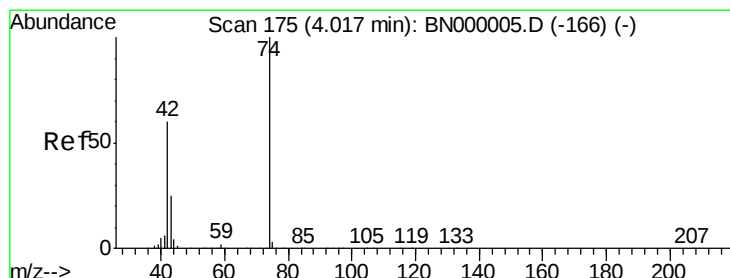
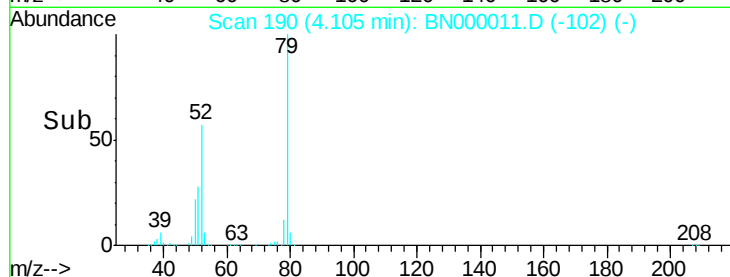
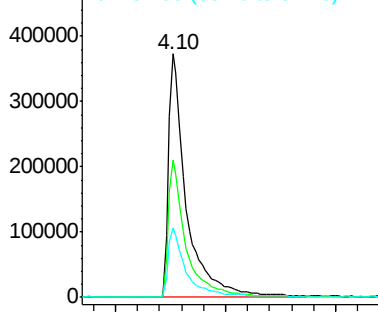
79 100

52 56.5 44.0 66.0

51 28.7 24.0 36.0



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



#4

n-Nitrosodimethylamine

Concen: 39.921 ng

RT: 4.01 min Scan# 174

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

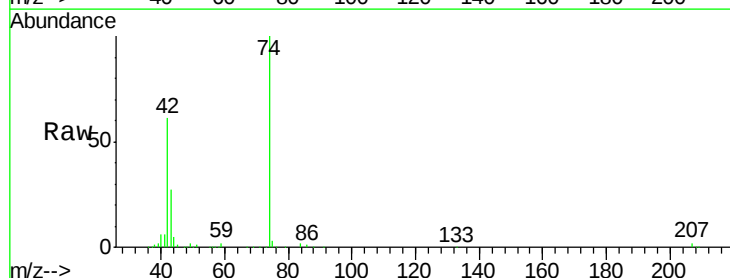
Tgt Ion: 42 Resp: 235612

Ion Ratio Lower Upper

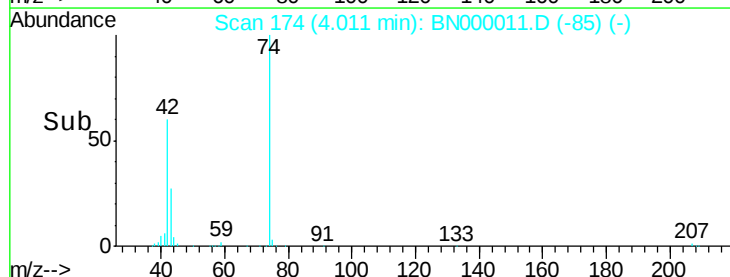
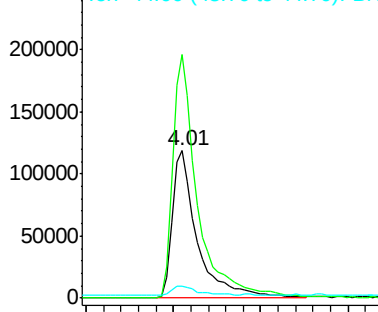
42 100

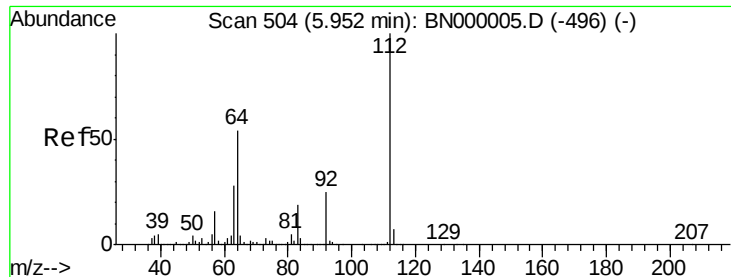
74 165.0 128.0 192.0

44 8.2 12.0 18.0#



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





#5

2-Fluorophenol

Concen: 78.275 ng

RT: 5.95 min Scan# 503

Delta R.T. -0.01 min

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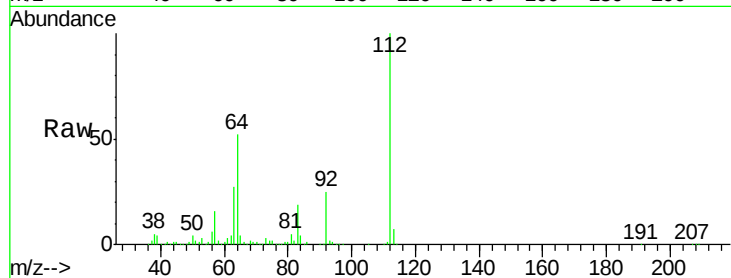
Tot Ion:112 Resp: 1308745

Ion Ratio Lower Upper

112 100

64 52.2 56.3 84.5#

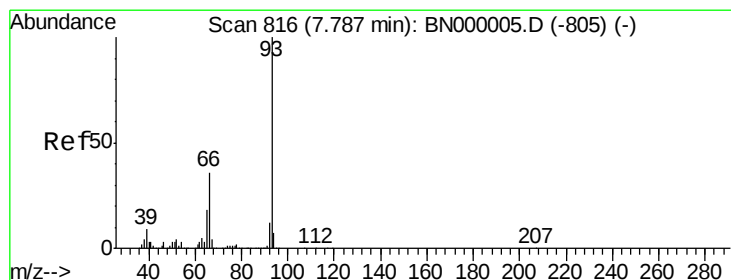
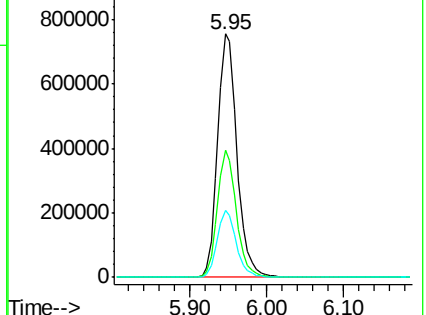
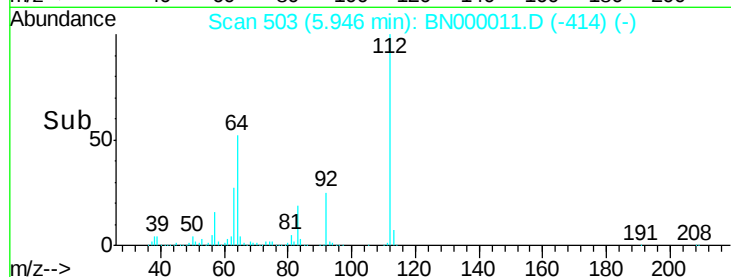
63 27.4 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#6

Aniline

Concen: 40.518 ng

RT: 7.78 min Scan# 815

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

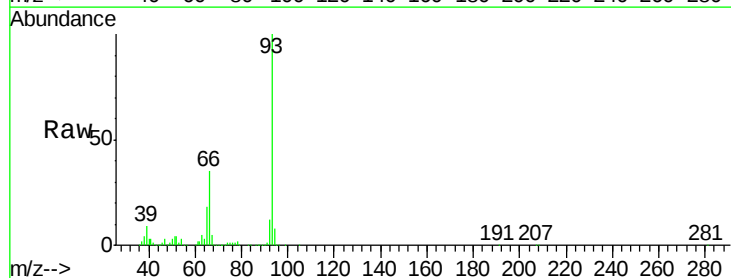
Tgt Ion: 93 Resp: 1402770

Ion Ratio Lower Upper

93 100

66 35.1 33.7 50.5

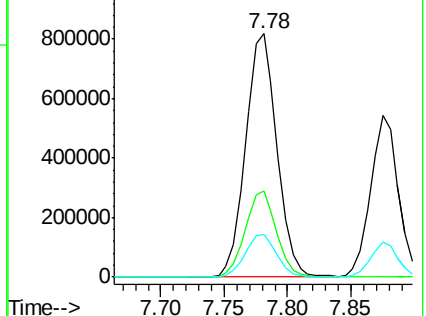
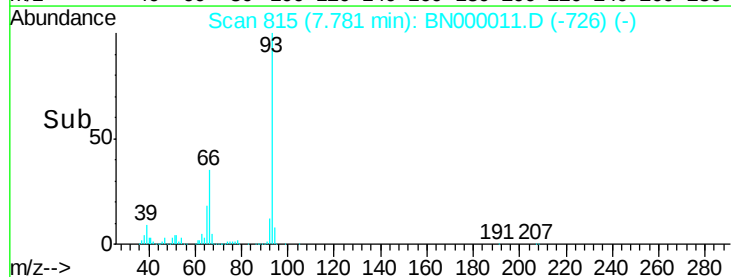
65 17.7 16.1 24.1

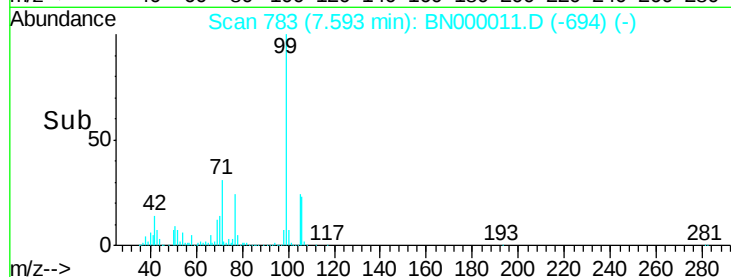
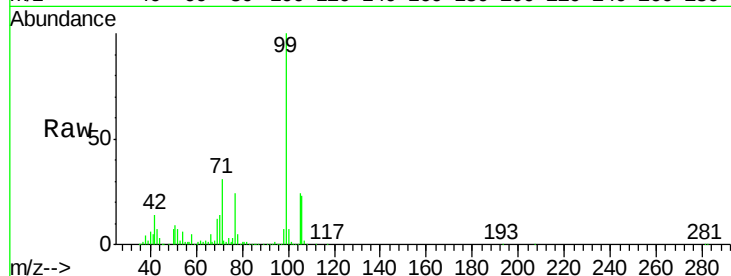
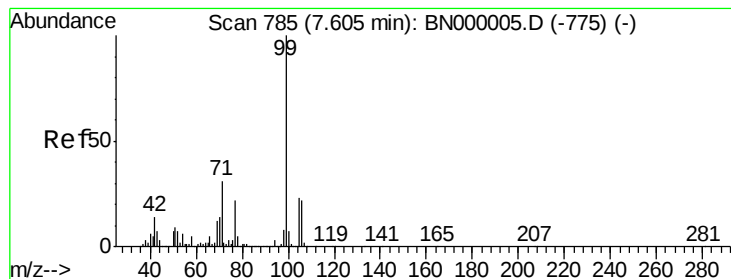


Abundance Ion 93.00 (92.70 to 93.70): BNO

Ion 66.00 (65.70 to 66.70): BNO

Ion 65.00 (64.70 to 65.70): BNO





#7

Phenol-d6

Concen: 79.760 ng

RT: 7.59 min Scan# 783

Delta R.T. -0.01 min

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Instrument :

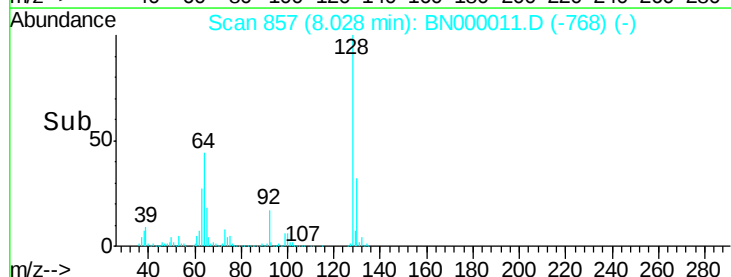
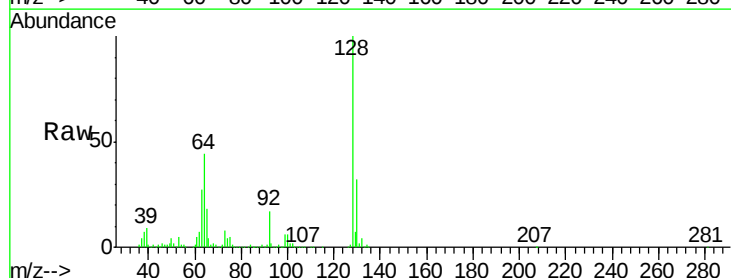
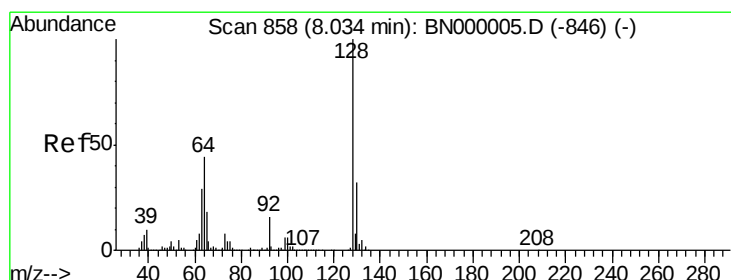
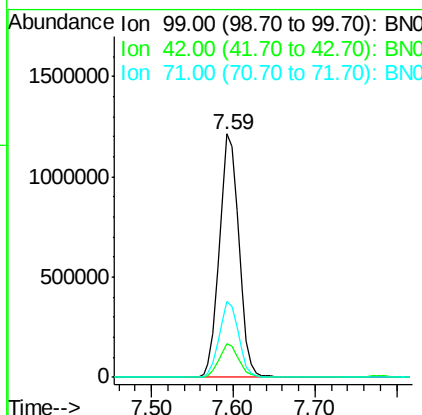
BNA_N

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Tot Ion: 99 Resp: 2025629

Ion	Ratio	Lower	Upper
99	100		
42	13.6	14.1	21.1#
71	31.1	26.1	39.1



#8

2-Chlorophenol

Concen: 40.273 ng

RT: 8.03 min Scan# 857

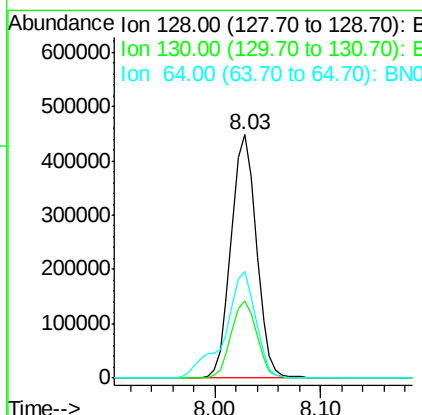
Delta R.T. -0.01 min

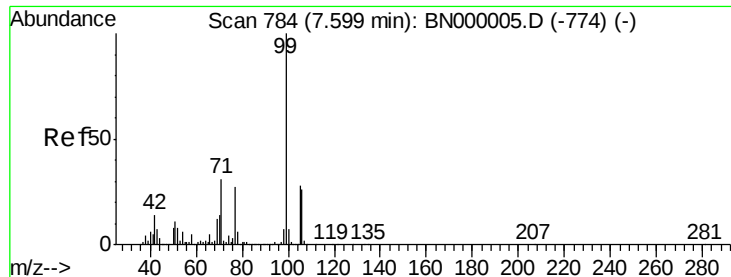
Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Tgt Ion: 128 Resp: 744908

Ion	Ratio	Lower	Upper
128	100		
130	32.0	14.0	54.0
64	43.9	37.7	77.7





#9

Benzaldehyde

Concen: 37.502 ng

RT: 7.59 min Scan# 783

Delta R.T. -0.01 min

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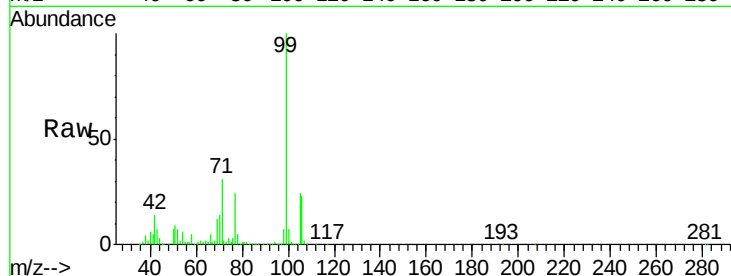
Tot Ion: 77 Resp: 497228

Ion Ratio Lower Upper

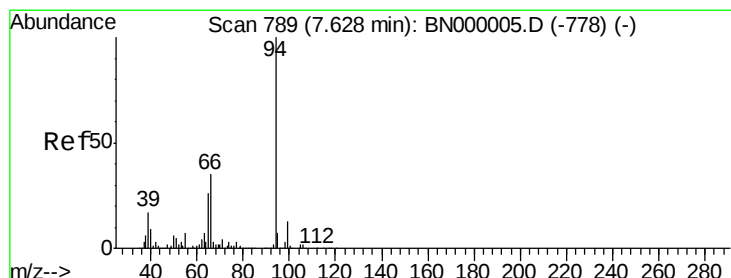
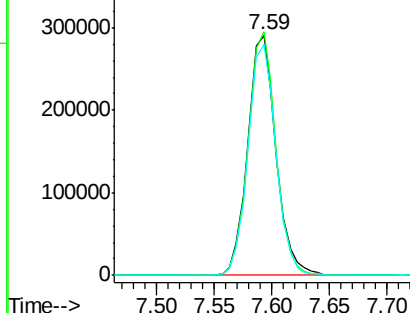
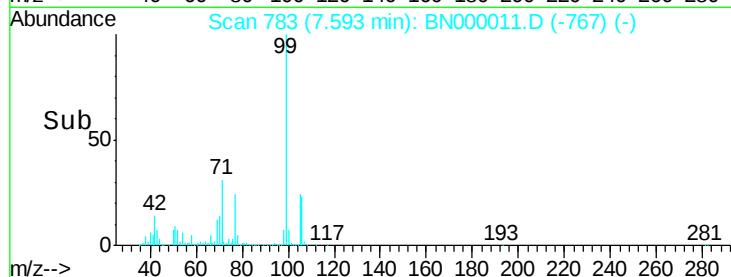
77 100

105 101.4 71.3 111.3

106 95.9 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: 40.237 ng

RT: 7.62 min Scan# 788

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

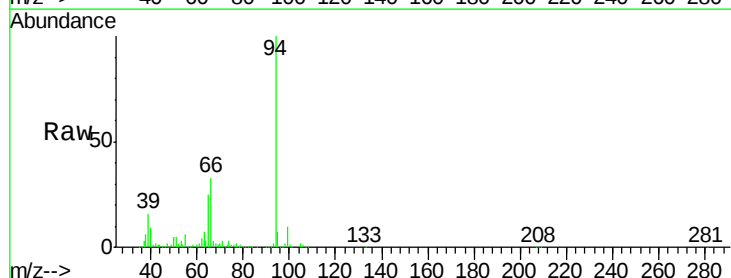
Tgt Ion: 94 Resp: 1044528

Ion Ratio Lower Upper

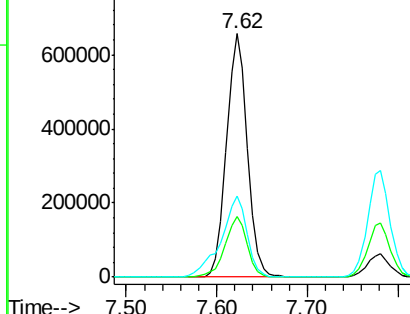
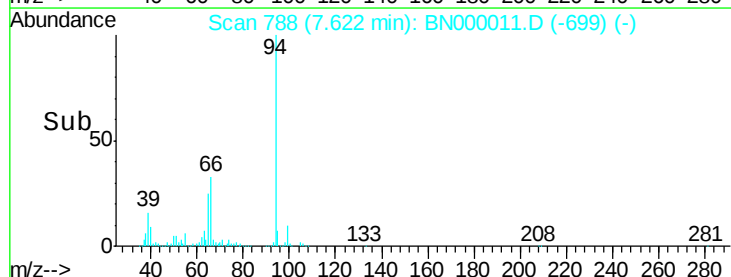
94 100

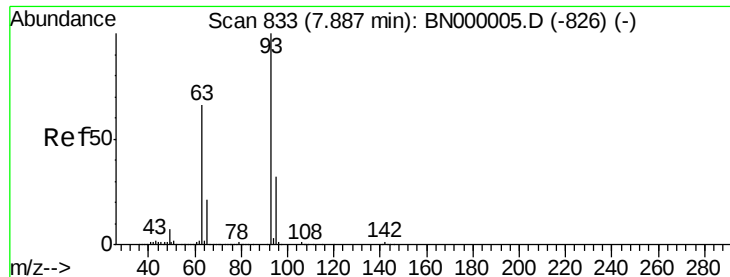
65 25.0 11.9 51.9

66 33.1 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

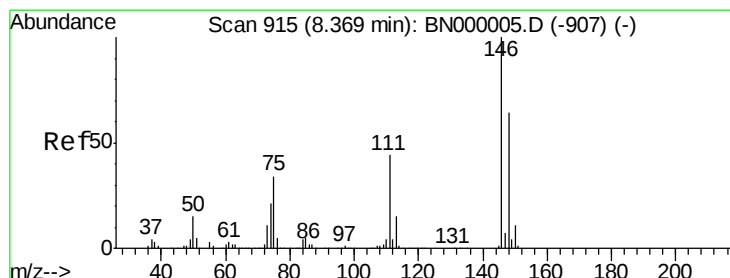
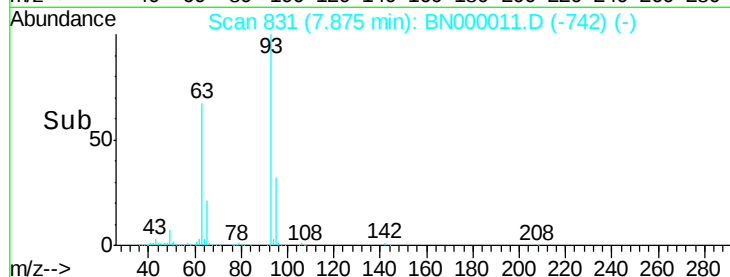
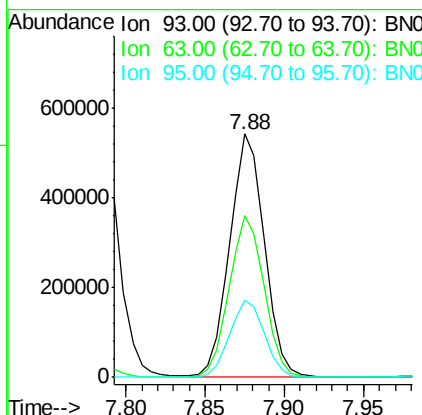
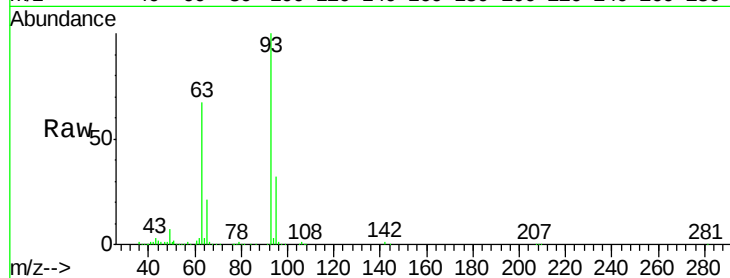




#11
bis(2-Chloroethyl)ether
Concen: 39.545 ng
RT: 7.88 min Scan# 831
Delta R.T. -0.01 min
Lab File: BN000011.D
Acq: 05 Feb 2018 10:24

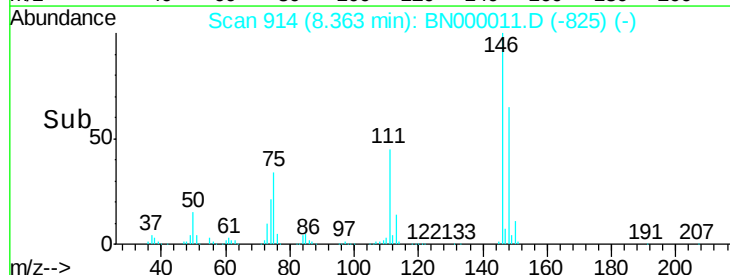
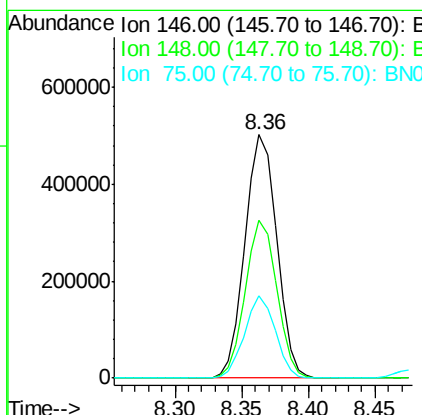
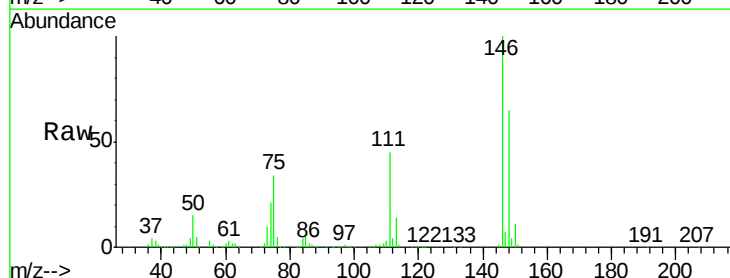
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

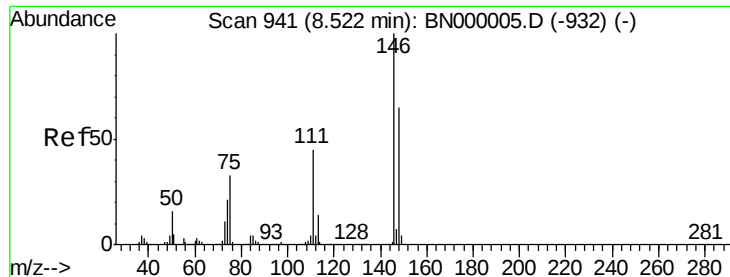
Tot Ion: 93 Resp: 818962
Ion Ratio Lower Upper
93 100
63 66.5 67.1 107.1#
95 31.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 40.357 ng
RT: 8.36 min Scan# 914
Delta R.T. -0.01 min
Lab File: BN000011.D
Acq: 05 Feb 2018 10:24

Tgt Ion: 146 Resp: 828709
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.2
75 33.8 26.6 39.8

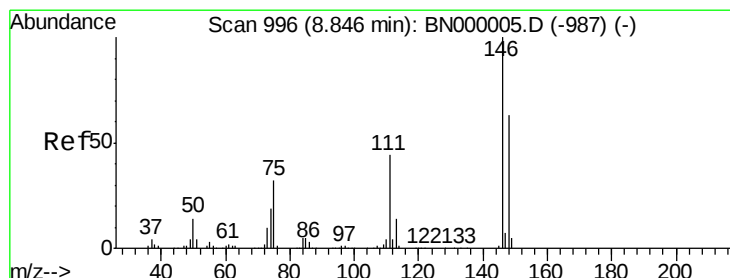
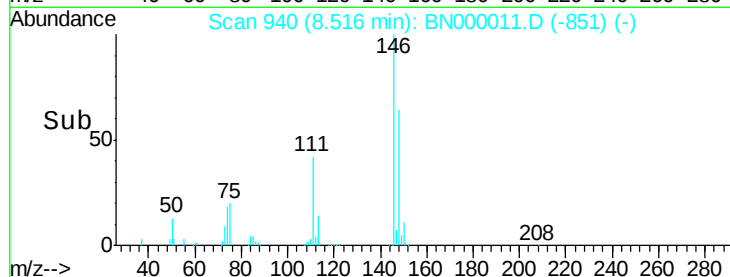
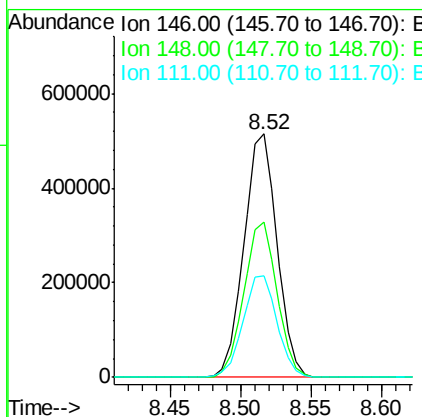
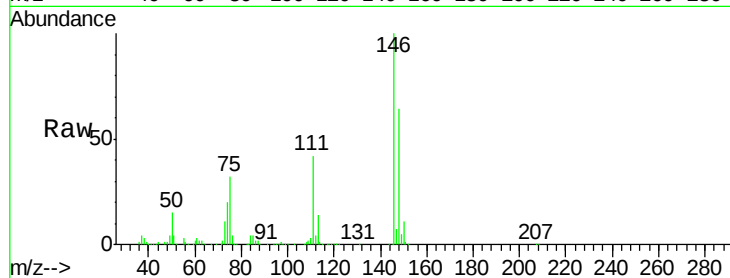




#13
 1,4-Dichlorobenzene
 Concen: 40.162 ng
 RT: 8.52 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BN000011.D
 Acq: 05 Feb 2018 10:24

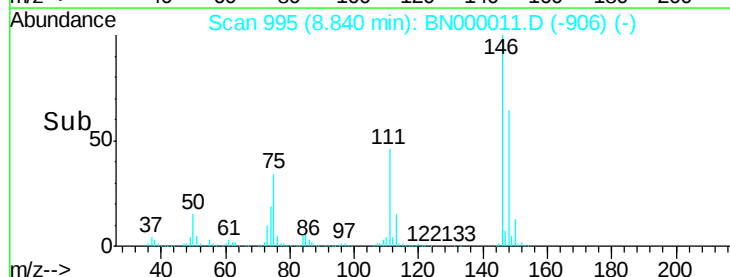
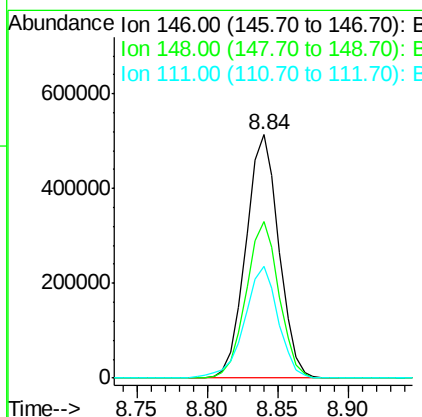
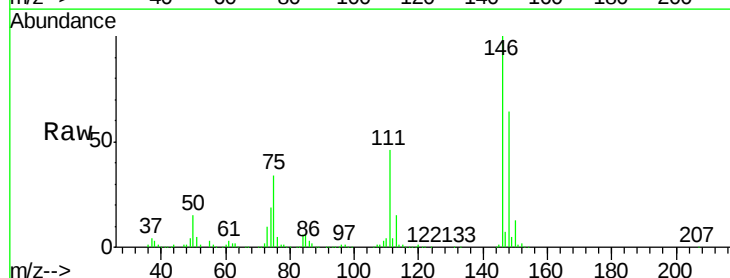
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

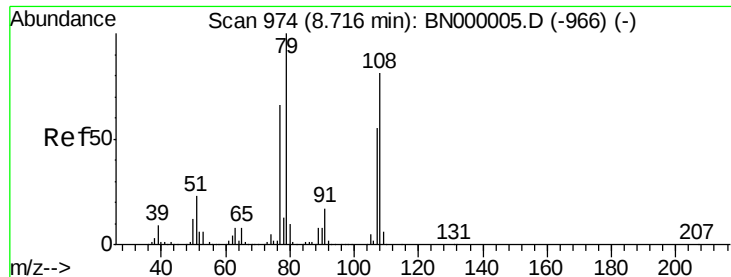
Tot Ion:146 Resp: 846976
 Ion Ratio Lower Upper
 146 100
 148 63.5 53.7 80.5
 111 41.8 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 40.428 ng
 RT: 8.84 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BN000011.D
 Acq: 05 Feb 2018 10:24

Tgt Ion:146 Resp: 842382
 Ion Ratio Lower Upper
 146 100
 148 64.2 49.3 73.9
 111 46.0 34.3 51.5





#15

Benzyl Alcohol

Concen: 38.225 ng

RT: 8.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

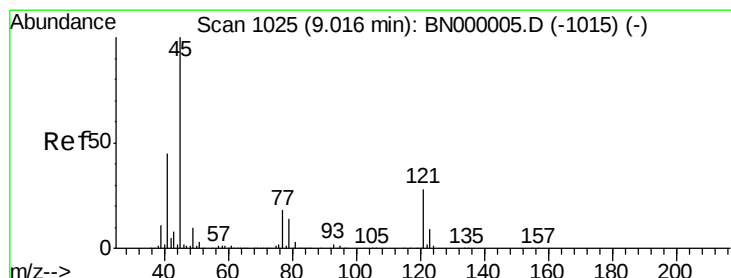
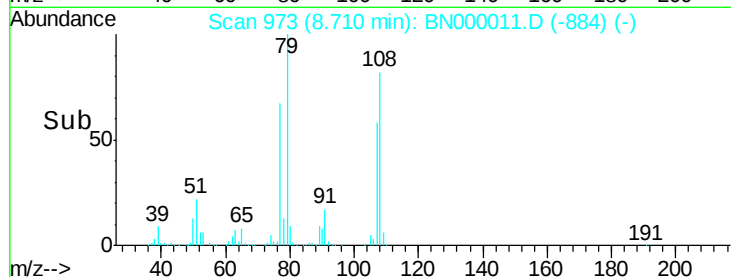
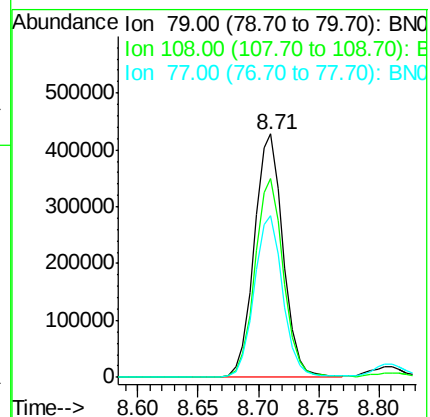
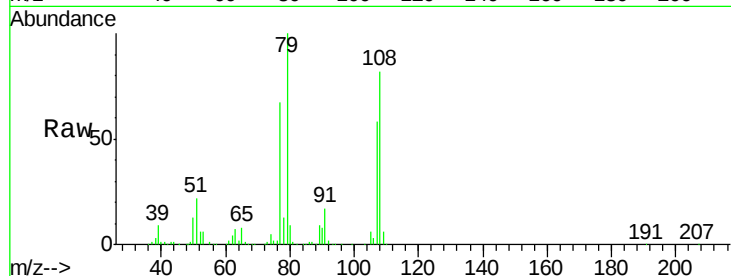
Tot Ion: 79 Resp: 712905

Ion Ratio Lower Upper

79 100

108 81.9 57.2 85.8

77 66.6 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.268 ng

RT: 9.01 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

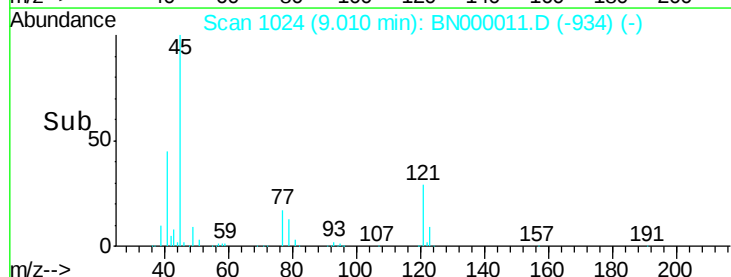
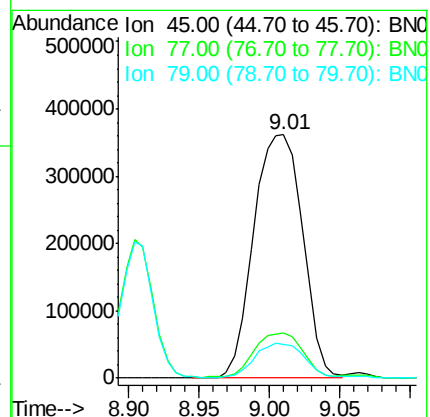
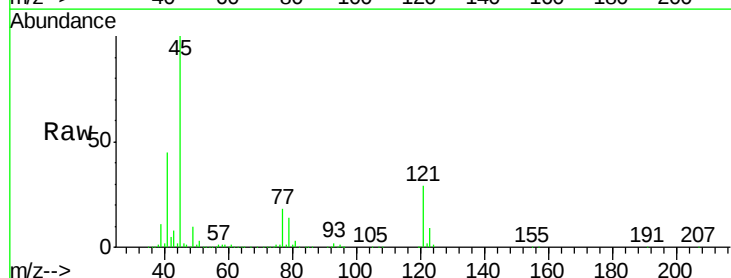
Tgt Ion: 45 Resp: 879598

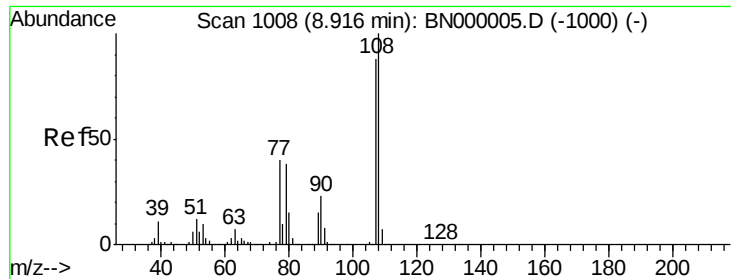
Ion Ratio Lower Upper

45 100

77 18.5 0.0 30.2

79 14.0 0.0 27.9





#17

2-Methylphenol

Concen: 39.407 ng

RT: 8.90 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 737641

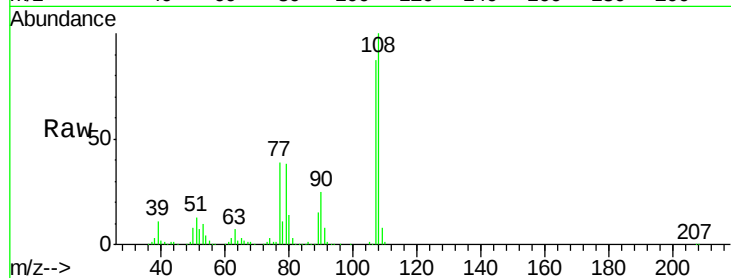
Ion Ratio Lower Upper

107 100

108 114.3 83.9 125.9

77 44.4 37.2 55.8

79 43.6 36.2 54.2

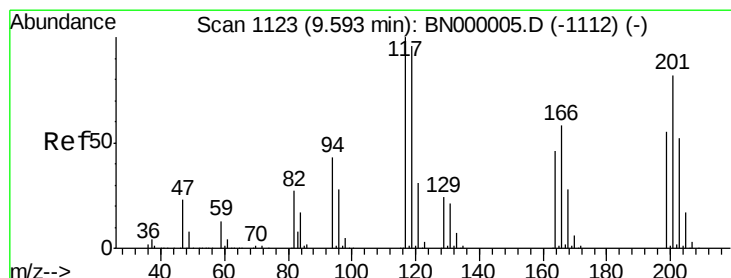
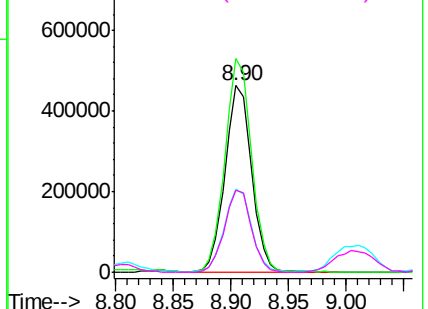
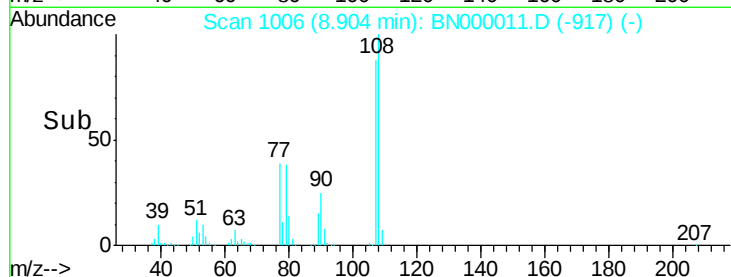


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18

Hexachloroethane

Concen: 40.031 ng

RT: 9.59 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

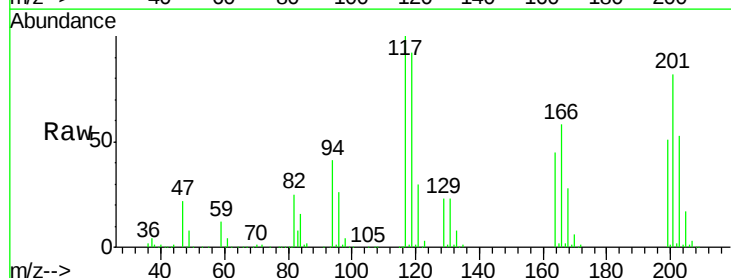
Tgt Ion:117 Resp: 289502

Ion Ratio Lower Upper

117 100

119 91.9 76.7 115.1

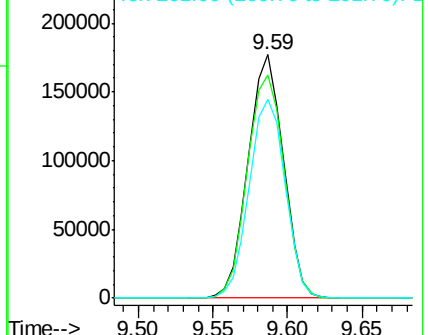
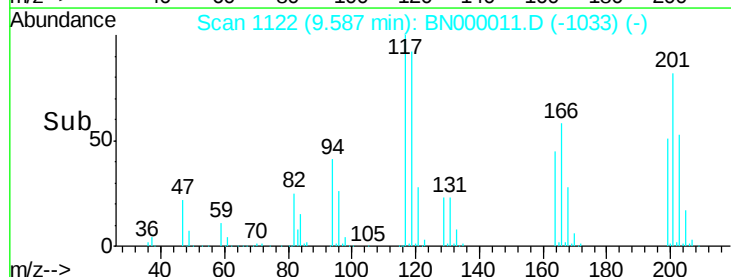
201 81.8 95.7 143.5#

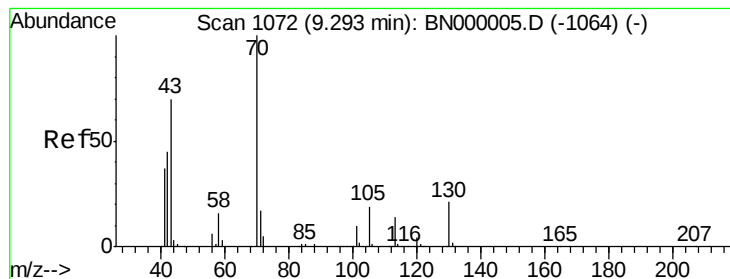


Abundance Ion 117.00 (116.70 to 117.70): E

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: 38.908 ng

RT: 9.28 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 665870

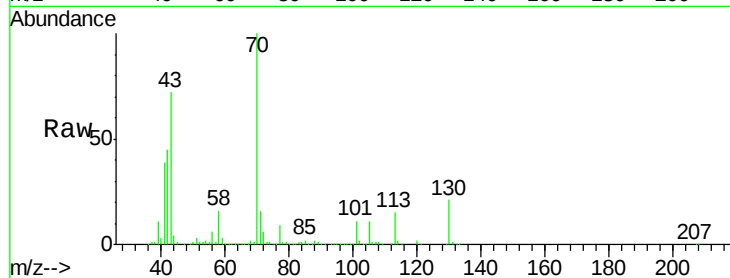
Ion	Ratio	Lower	Upper
70	100		
42	45.5	49.1	73.7#
101	10.5	8.5	12.7
130	20.9	13.4	20.0#

70 100

42 45.5 49.1 73.7#

101 10.5 8.5 12.7

130 20.9 13.4 20.0#



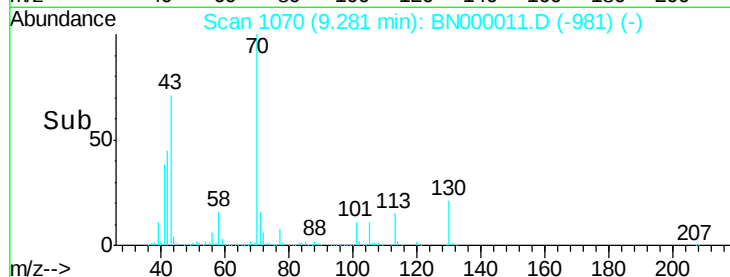
Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

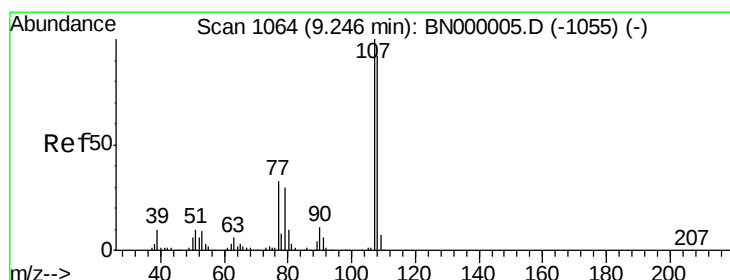
Ion 101.00 (100.70 to 101.70): BN0

Ion 130.00 (129.70 to 130.70): BN0

Time-->



Time-->



#20

3+4-Methylphenols

Concen: 39.636 ng

RT: 9.23 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Tgt Ion: 107 Resp: 1039160

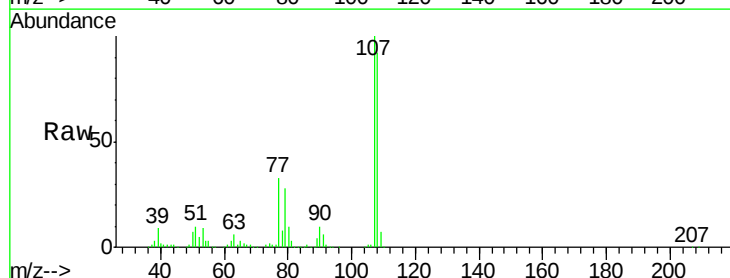
Ion	Ratio	Lower	Upper
107	100		
108	91.7	61.6	101.6
77	32.9	13.9	53.9
79	27.9	8.8	48.8

107 100

108 91.7 61.6 101.6

77 32.9 13.9 53.9

79 27.9 8.8 48.8



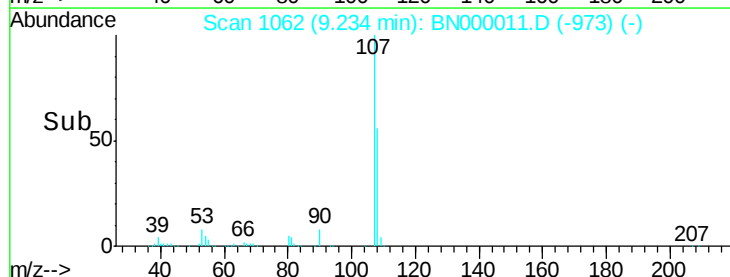
Abundance Ion 107.00 (106.70 to 107.70): BN0

Ion 108.00 (107.70 to 108.70): BN0

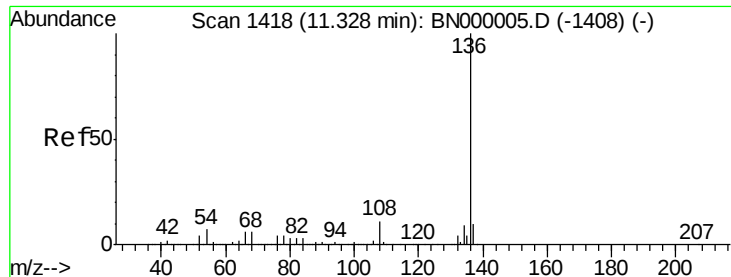
Ion 77.00 (76.70 to 77.70): BN0

Ion 79.00 (78.70 to 79.70): BN0

Time-->



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.32 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

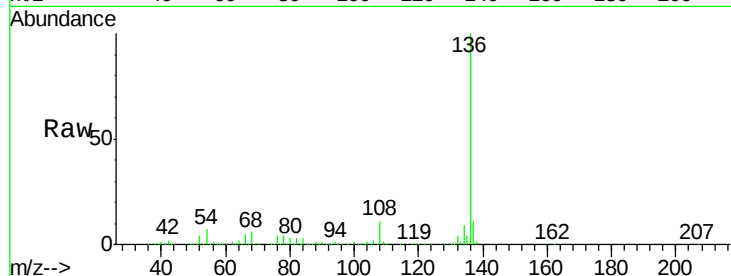
ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1277281

Ion Ratio Lower Upper

136	100		
137	10.9	9.2	13.8
54	6.8	10.3	15.5#
68	6.2	4.5	6.7

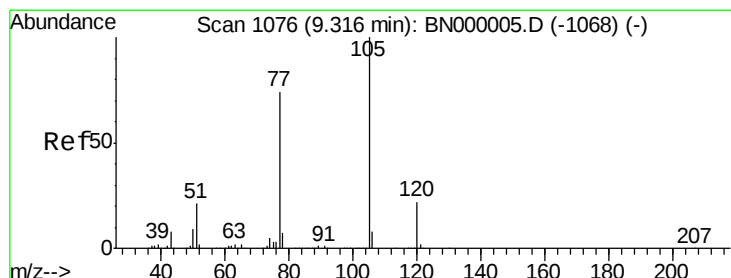
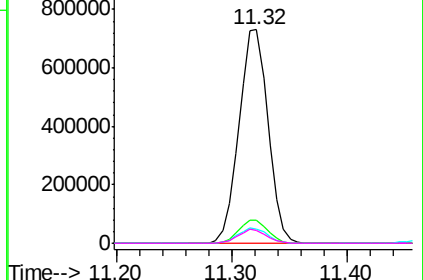
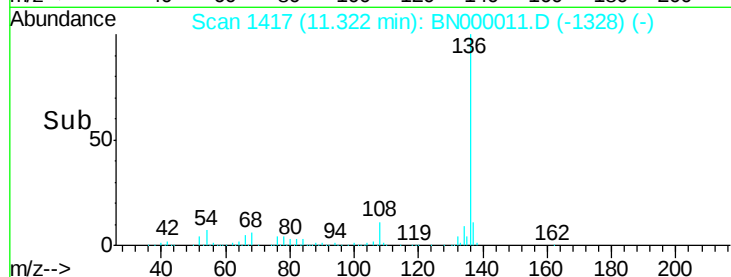


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#22

Acetophenone

Concen: 39.684 ng

RT: 9.31 min Scan# 1075

Delta R.T. -0.01 min

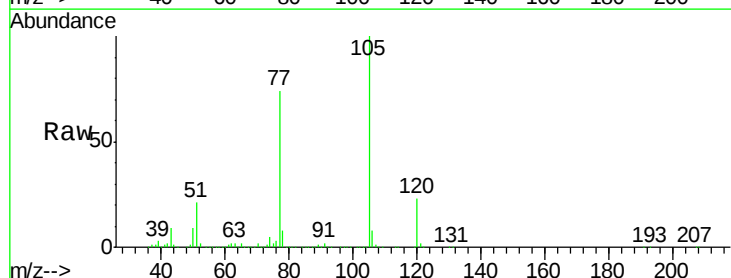
Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Tgt Ion:105 Resp: 1497078

Ion Ratio Lower Upper

105	100		
71	0.3	3.0	4.4#
51	20.9	26.1	39.1#
120	22.8	17.4	26.2

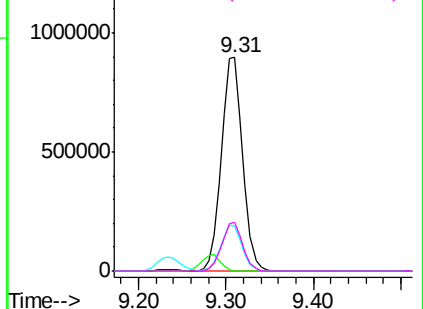
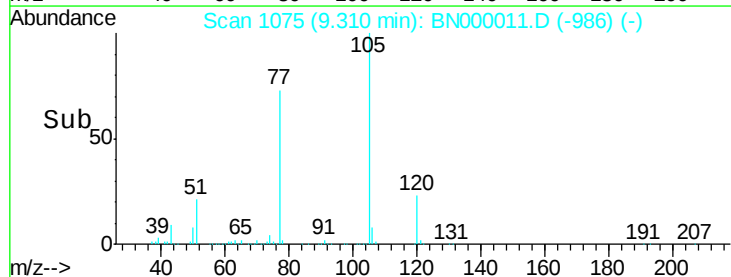


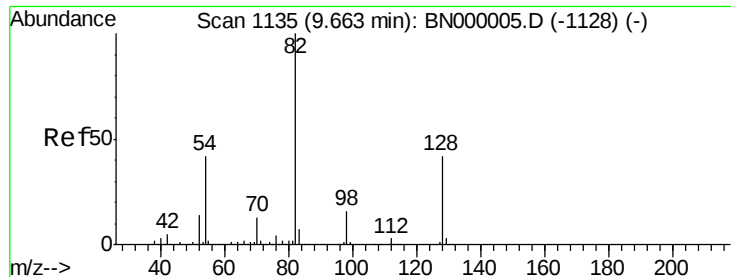
Abundance Ion 105.00 (104.70 to 105.70): E

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



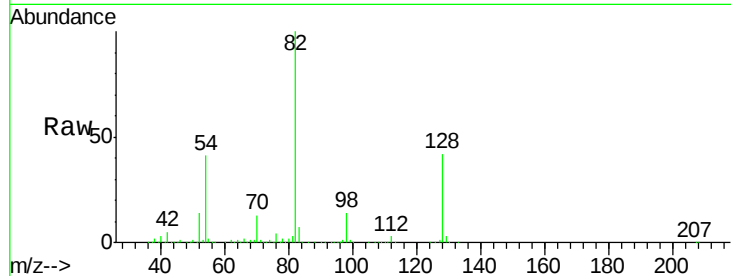


#23
 Nitrobenzene-d5
 Concen: 84.703 ng
 RT: 9.66 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BN000011.D
 Acq: 05 Feb 2018 10:24

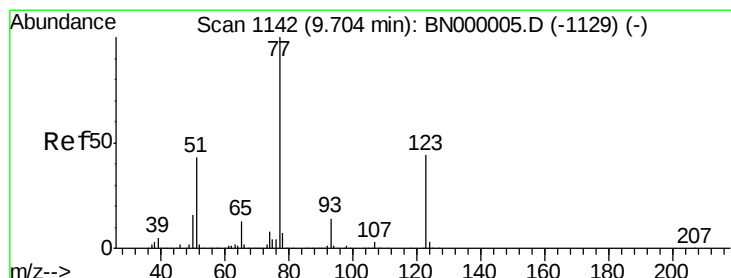
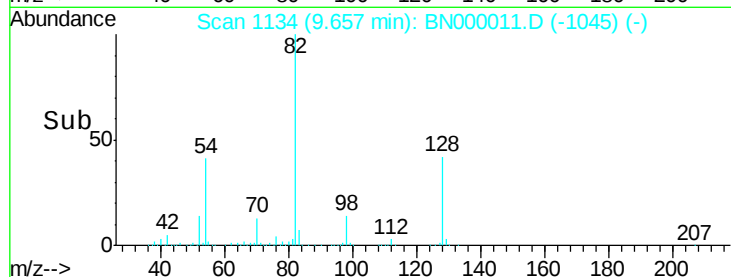
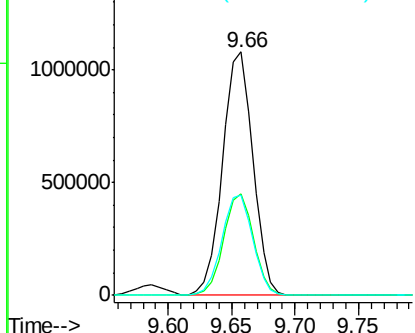
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1789166

Ion	Ratio	Lower	Upper
82	100		
128	41.6	29.7	44.5
54	41.3	43.1	64.7#



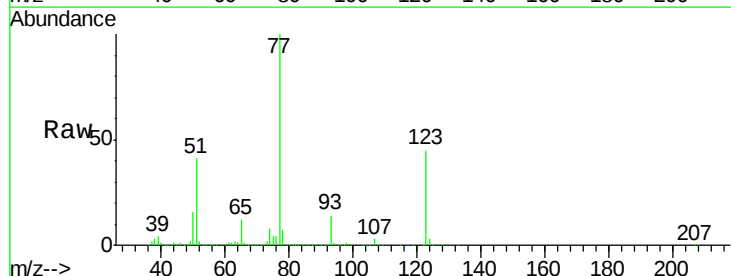
Abundance Ion 82.00 (81.70 to 82.70): BNC
 Ion 128.00 (127.70 to 128.70): BNC
 Ion 54.00 (53.70 to 54.70): BNC



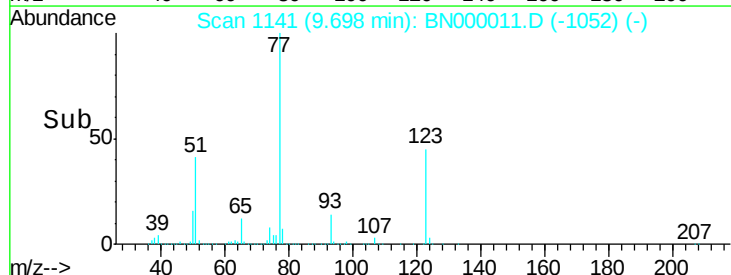
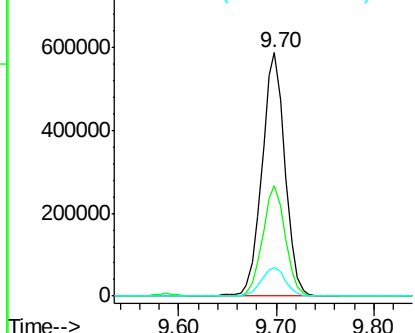
#24
 Nitrobenzene
 Concen: 42.697 ng
 RT: 9.70 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BN000011.D
 Acq: 05 Feb 2018 10:24

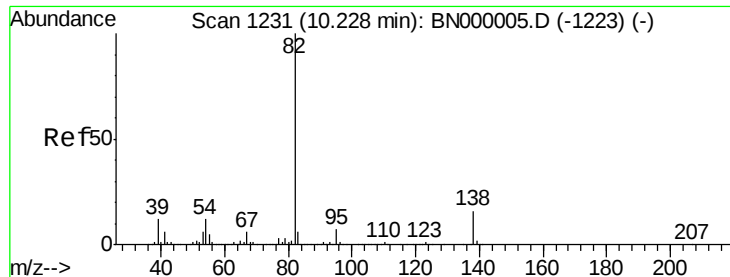
Tgt Ion: 77 Resp: 967344

Ion	Ratio	Lower	Upper
77	100		
123	45.2	33.0	49.6
65	11.9	13.0	19.6#



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





#25

Isophorone

Concen: 38.223 ng

RT: 10.22 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

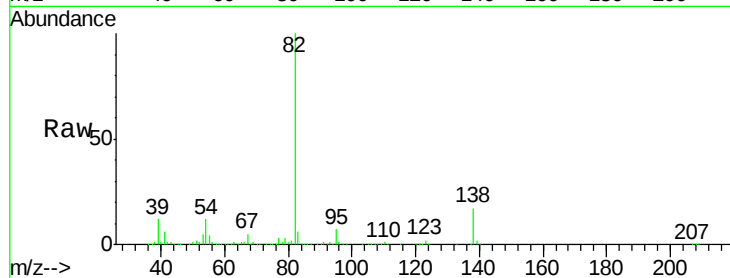
Tot Ion: 82 Resp: 1912452

Ion Ratio Lower Upper

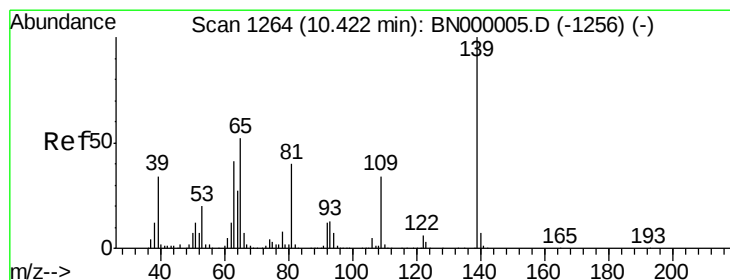
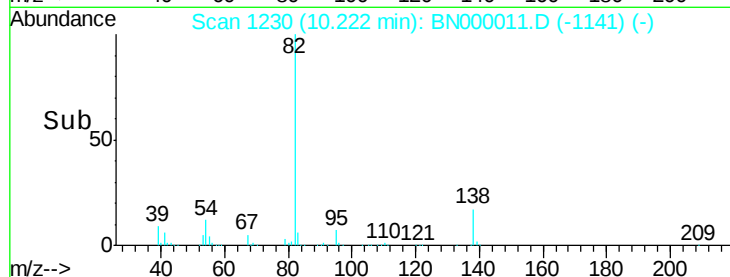
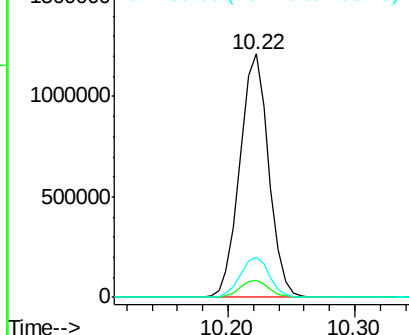
82 100

95 7.1 6.2 9.2

138 16.6 12.1 18.1



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



#26

2-Nitrophenol

Concen: 35.069 ng

RT: 10.42 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

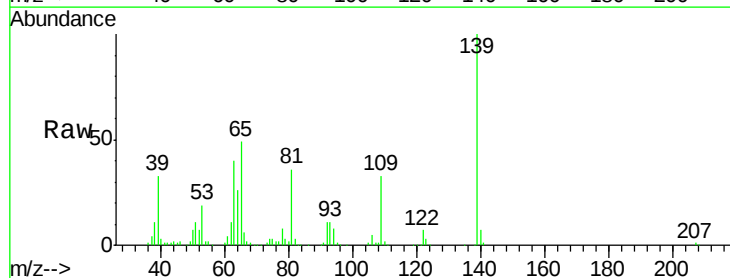
Tgt Ion: 139 Resp: 277787

Ion Ratio Lower Upper

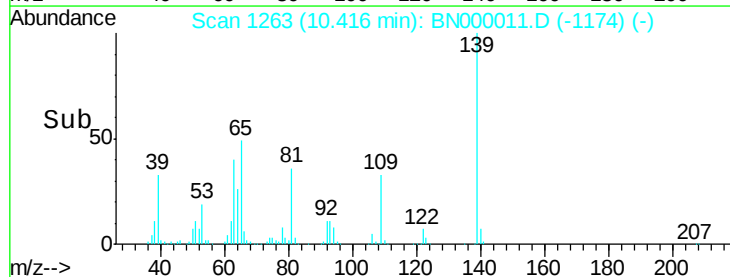
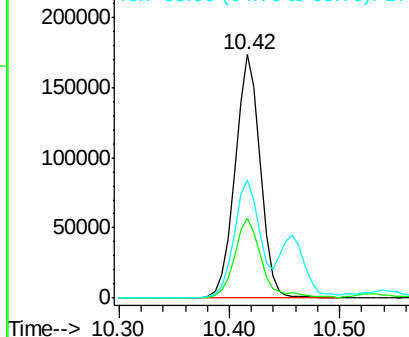
139 100

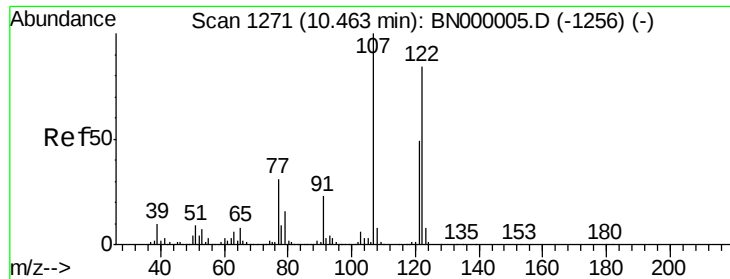
109 32.6 24.2 36.2

65 48.6 47.4 71.0



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

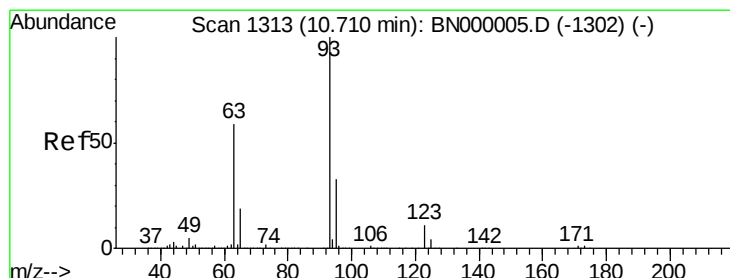
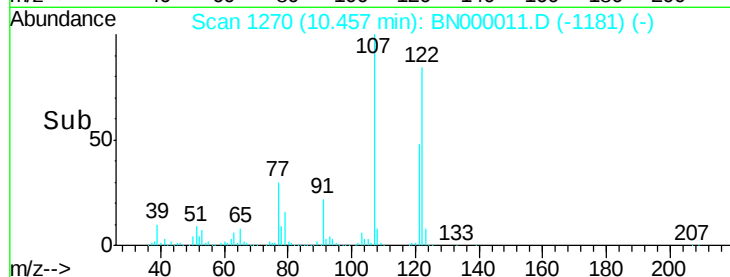
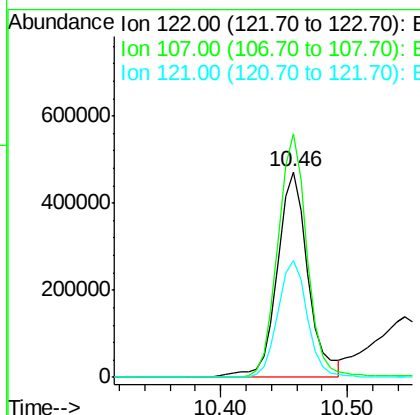
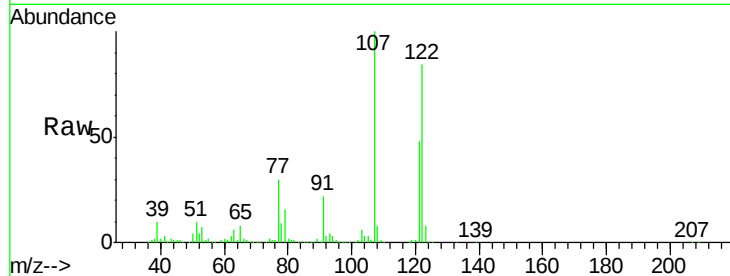




#27
2,4-Dimethylphenol
Concen: 38.693 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN000011.D
Acq: 05 Feb 2018 10:24

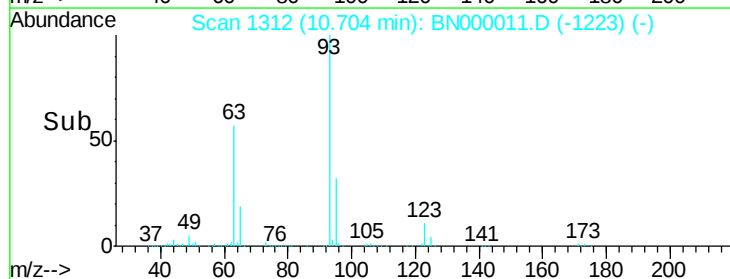
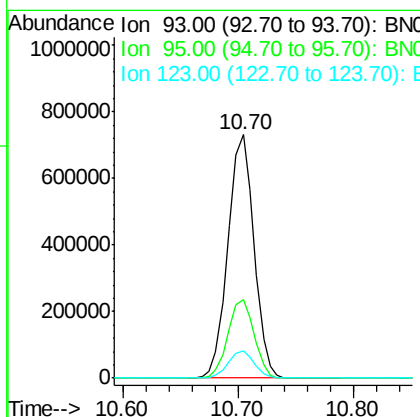
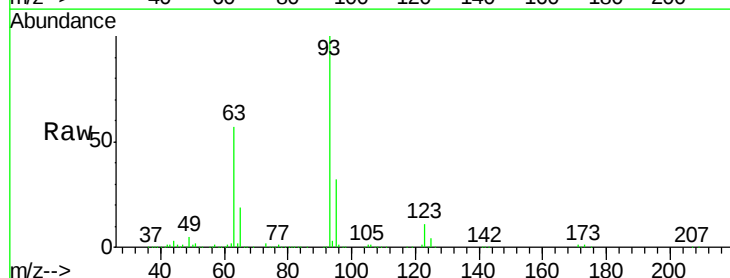
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

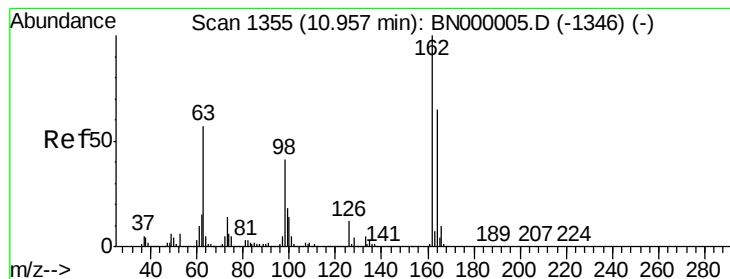
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.5	100.2	150.2
121	57.1	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 39.603 ng
RT: 10.70 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BN000011.D
Acq: 05 Feb 2018 10:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	24.3	36.5
123	11.3	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 40.603 ng

RT: 10.95 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

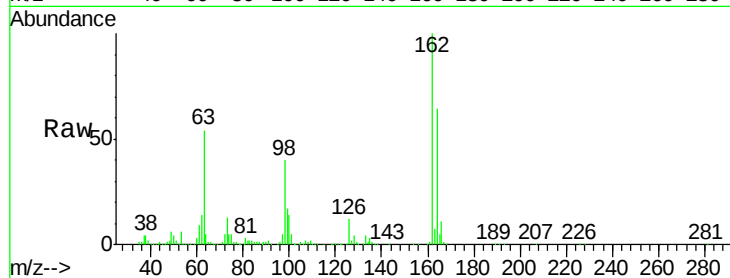
Tot Ion:162 Resp: 714728

Ion Ratio Lower Upper

162 100

164 64.1 48.0 88.0

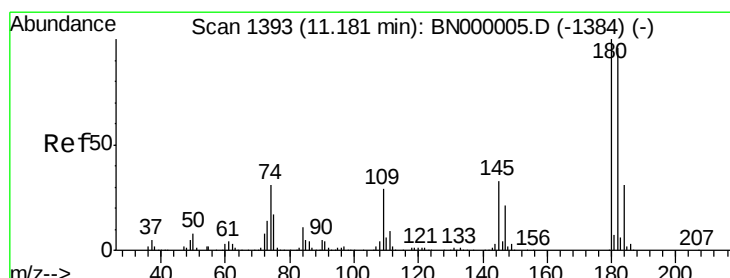
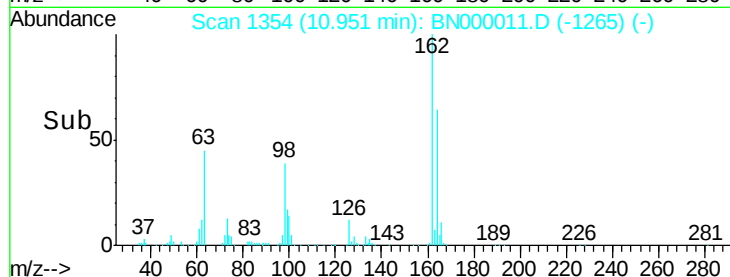
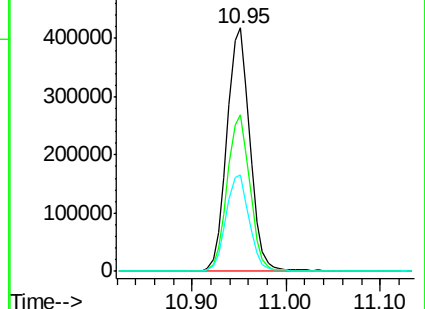
98 39.5 21.1 61.1



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: 40.188 ng

RT: 11.17 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

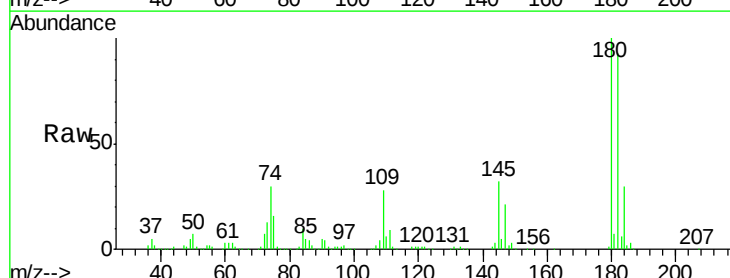
Tgt Ion:180 Resp: 828392

Ion Ratio Lower Upper

180 100

182 92.9 77.5 116.3

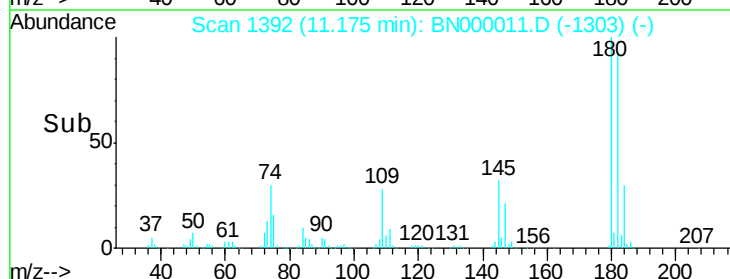
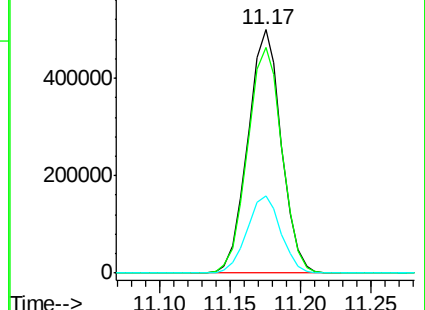
145 31.9 23.4 35.2

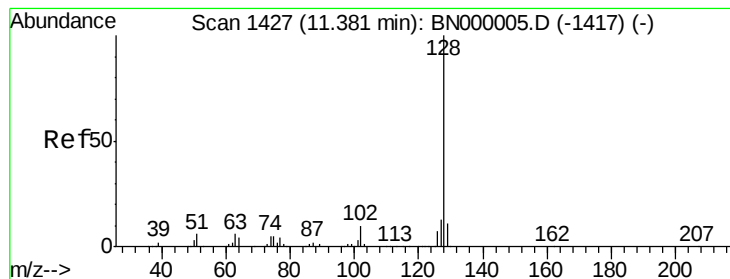


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.146 ng

RT: 11.37 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

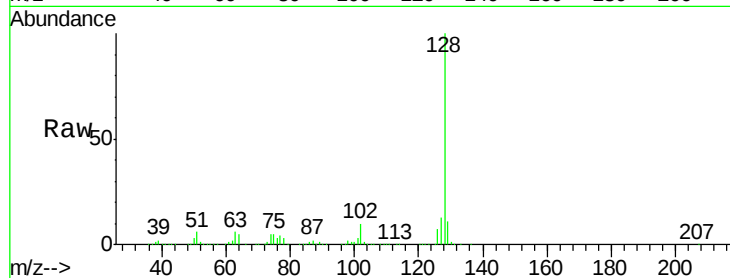
Tot Ion:128 Resp: 2875882

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

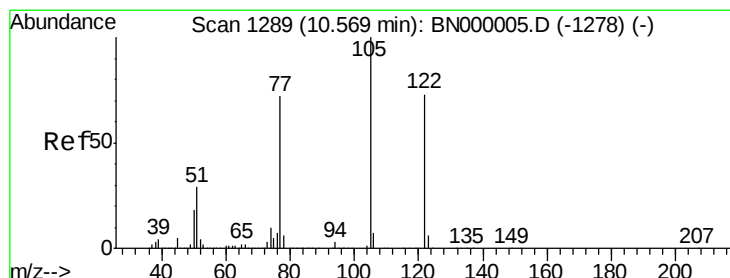
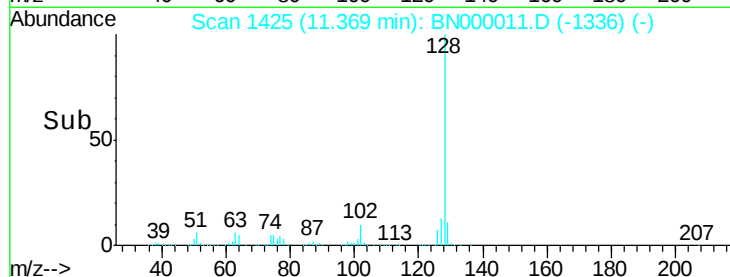
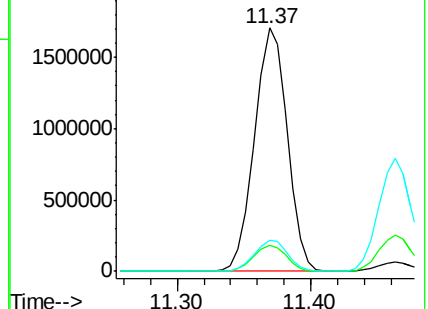
127 12.8 11.6 17.4



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: 37.955 ng

RT: 10.55 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

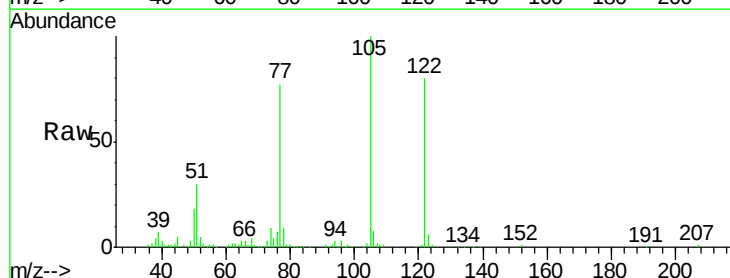
Tgt Ion:122 Resp: 410573

Ion Ratio Lower Upper

122 100

105 124.6 123.5 163.5

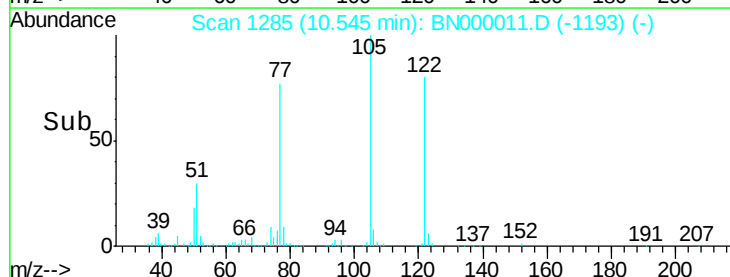
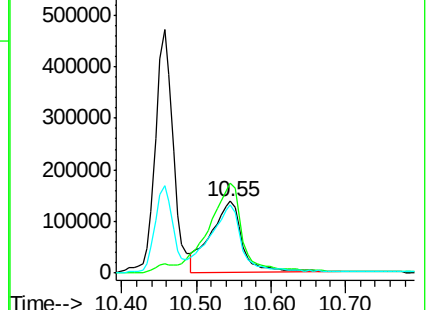
77 95.7 85.7 125.7

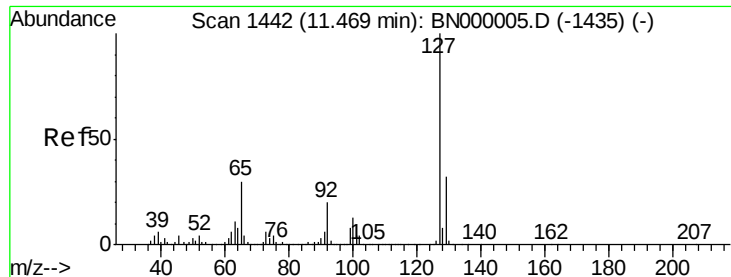


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

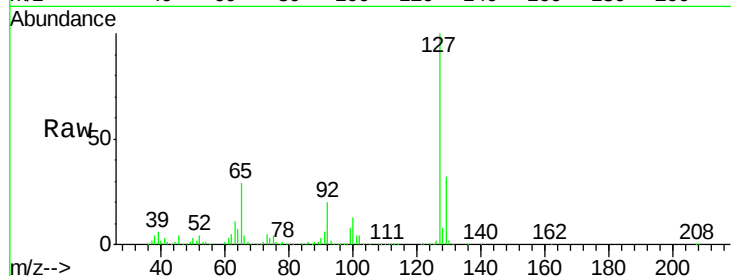




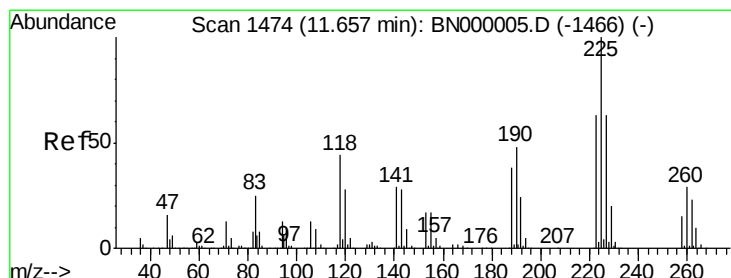
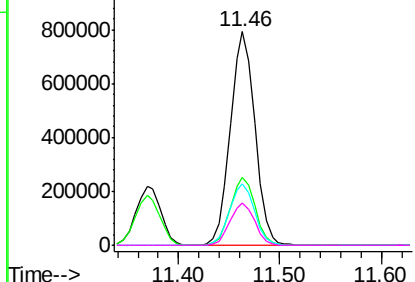
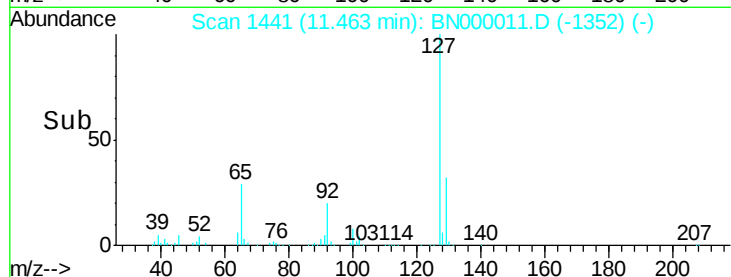
#33
4-Chloroaniline
Concen: 40.052 ng
RT: 11.46 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BN000011.D
Acq: 05 Feb 2018 10:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

Tot Ion:127 Resp: 1330156
Ion Ratio Lower Upper
127 100
129 31.9 24.0 36.0
65 28.9 27.0 40.4
92 19.6 16.6 25.0

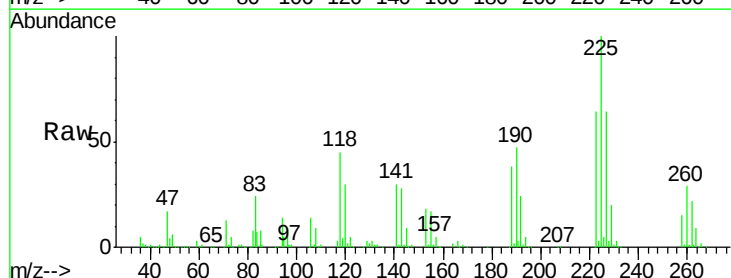


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

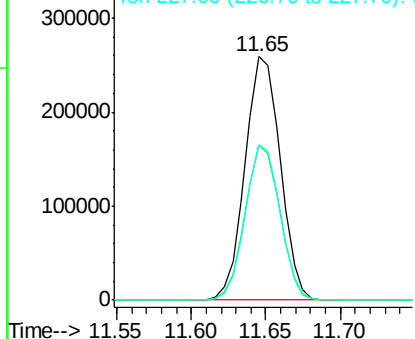
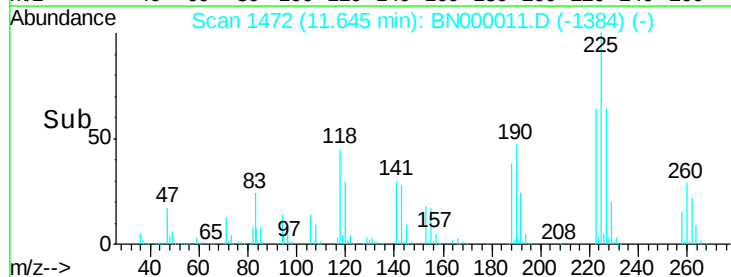


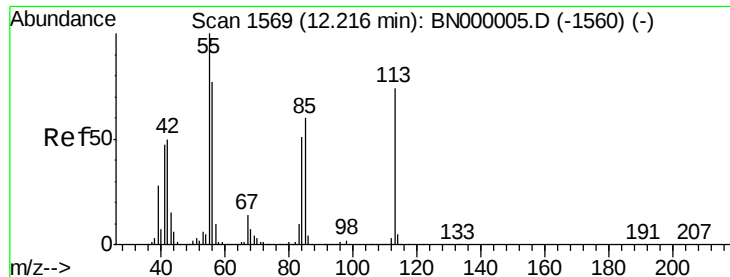
#34
Hexachlorobutadiene
Concen: 40.174 ng
RT: 11.65 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN000011.D
Acq: 05 Feb 2018 10:24

Tgt Ion:225 Resp: 421885
Ion Ratio Lower Upper
225 100
223 63.5 49.7 74.5
227 63.7 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: 39.971 ng

RT: 12.20 min Scan# 1567

Delta R.T. -0.00 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

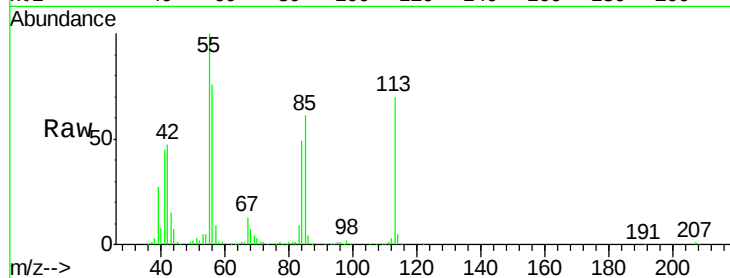
Tot Ion:113 Resp: 312756

Ion Ratio Lower Upper

113 100

55 142.0 120.0 160.0

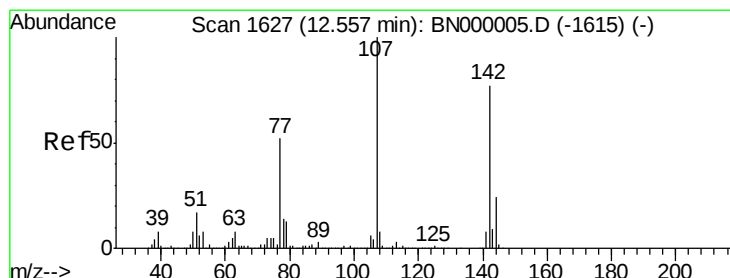
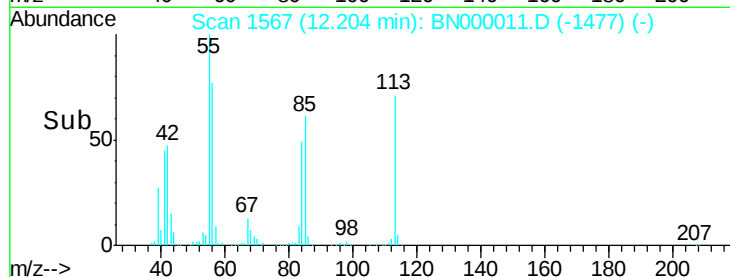
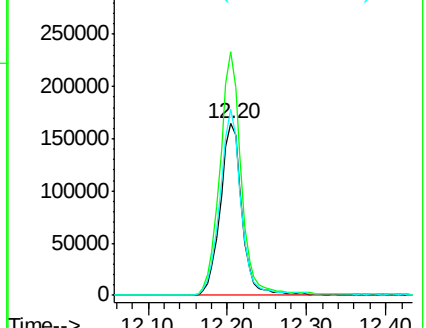
56 108.5 90.0 130.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 39.466 ng

RT: 12.55 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

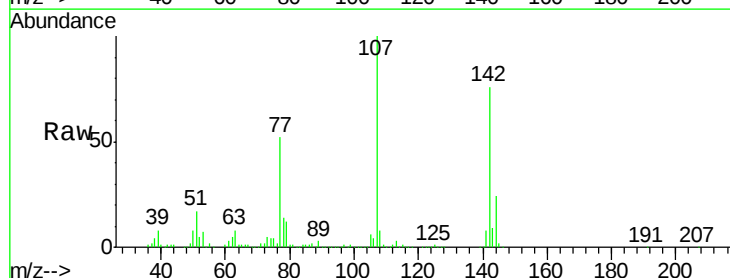
Tgt Ion:107 Resp: 944603

Ion Ratio Lower Upper

107 100

144 24.4 18.2 27.4

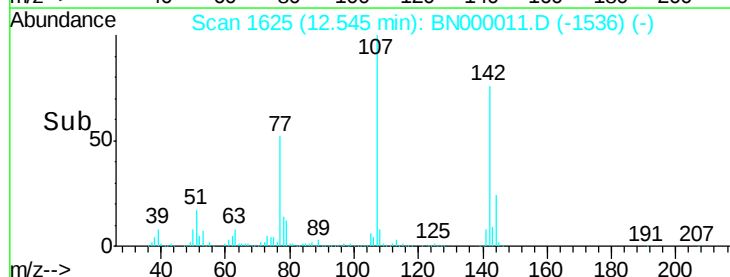
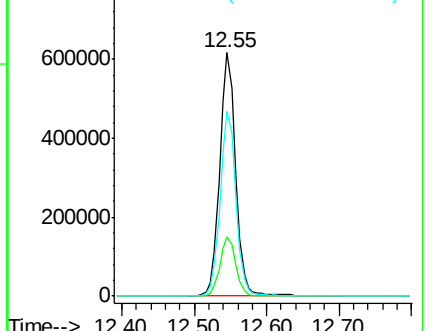
142 75.7 59.0 88.4

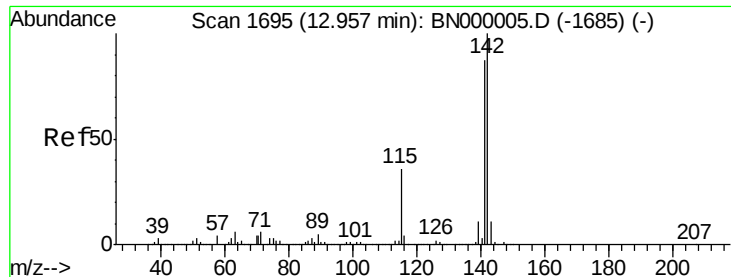


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

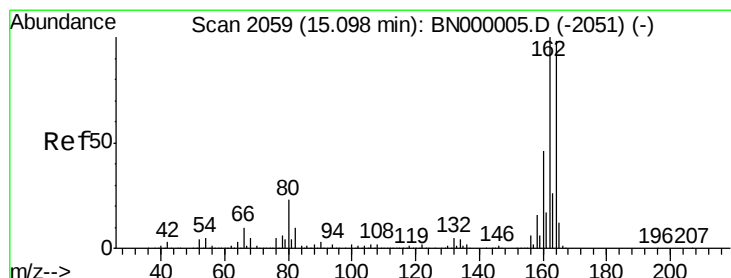
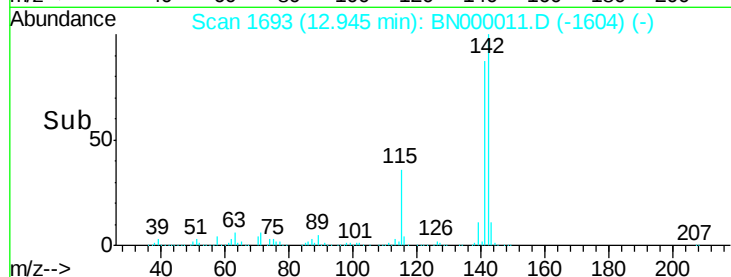
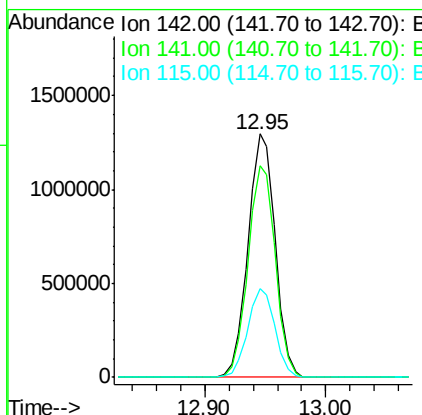
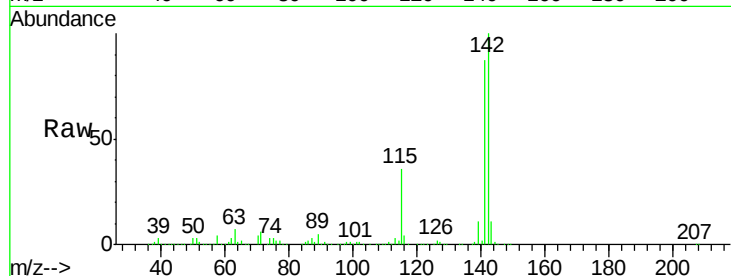




#37
2-Methylnaphthalene
Concen: 40.180 ng
RT: 12.95 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BN000011.D
Acq: 05 Feb 2018 10:24

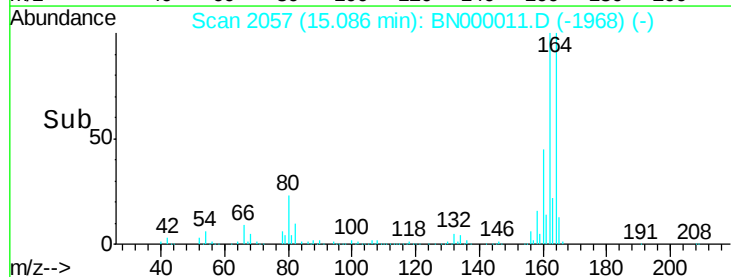
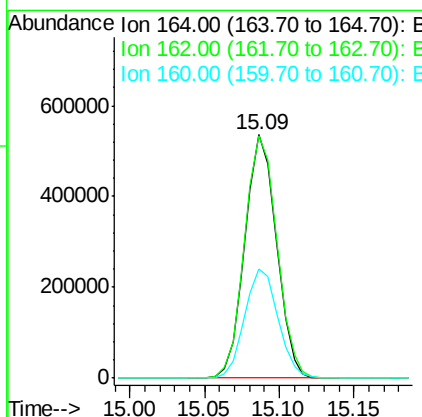
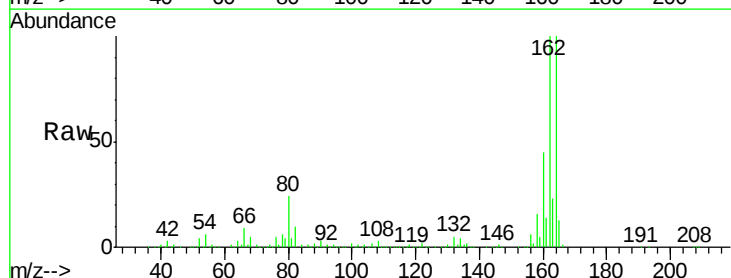
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

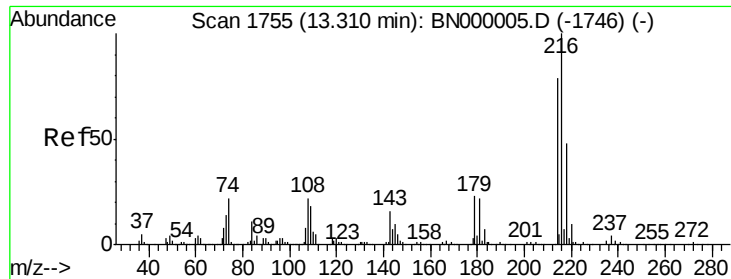
Tot Ion:142 Resp: 2033879
Ion Ratio Lower Upper
142 100
141 86.9 67.1 100.7
115 36.3 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.09 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BN000011.D
Acq: 05 Feb 2018 10:24

Tgt Ion:164 Resp: 783788
Ion Ratio Lower Upper
164 100
162 99.8 78.8 118.2
160 45.1 35.4 53.0

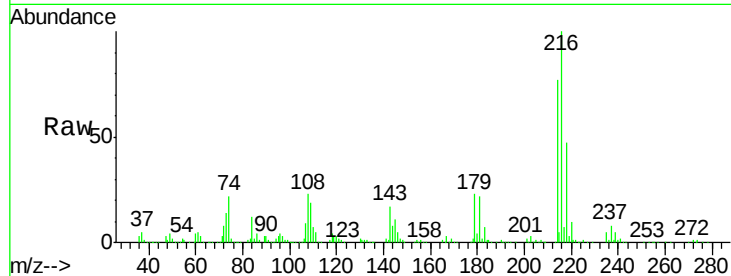




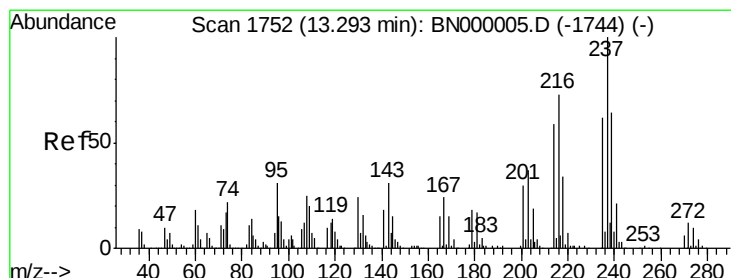
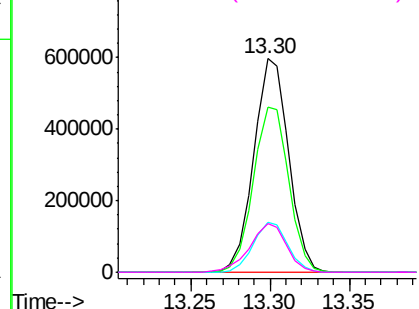
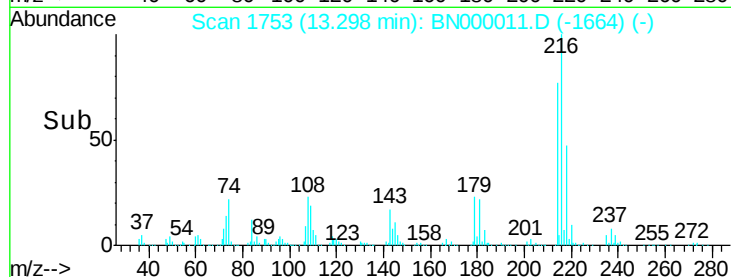
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.971 ng
 RT: 13.30 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BN000011.D
 Acq: 05 Feb 2018 10:24

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

Tot Ion:216 Resp: 912540
 Ion Ratio Lower Upper
 216 100
 214 78.7 63.0 94.4
 179 23.2 17.0 25.6
 108 24.1 12.8 19.2#

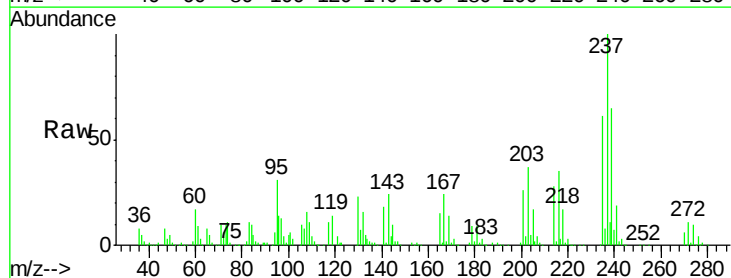


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

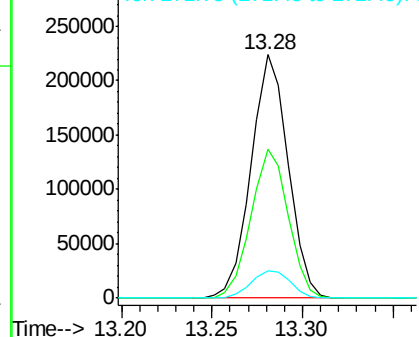
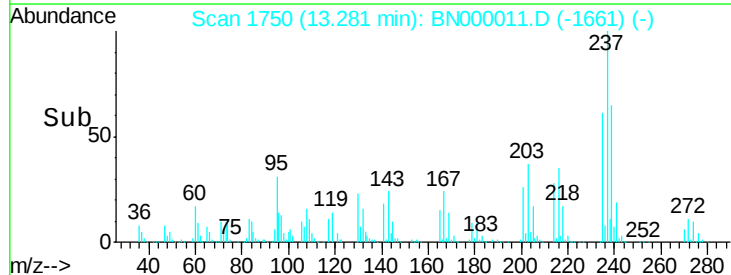


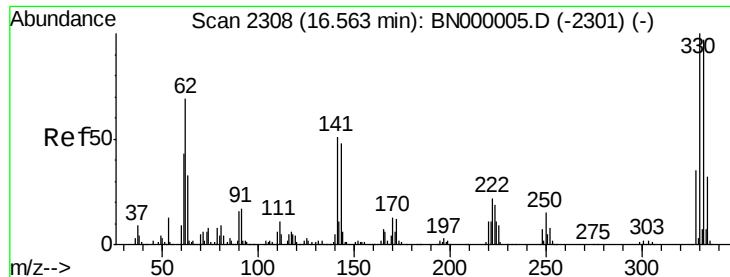
#40
 Hexachlorocyclopentadiene
 Concen: 41.647 ng
 RT: 13.28 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BN000011.D
 Acq: 05 Feb 2018 10:24

Tgt Ion:237 Resp: 317567
 Ion Ratio Lower Upper
 237 100
 235 61.2 50.4 90.4
 272 11.4 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: 80.527 ng

RT: 16.56 min Scan# 2307

Delta R.T. -0.00 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

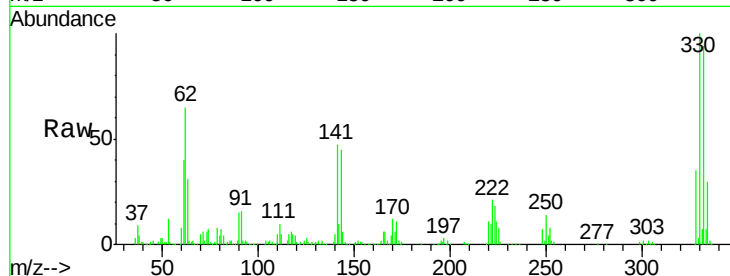
Tot Ion:330 Resp: 634479

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

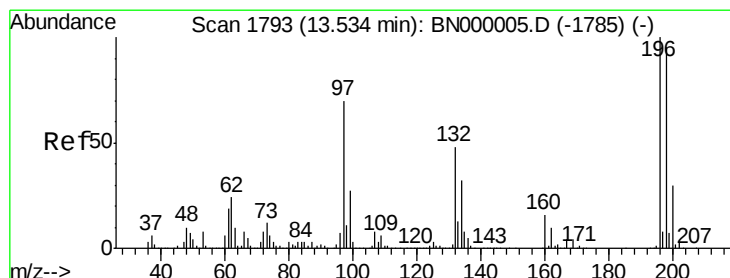
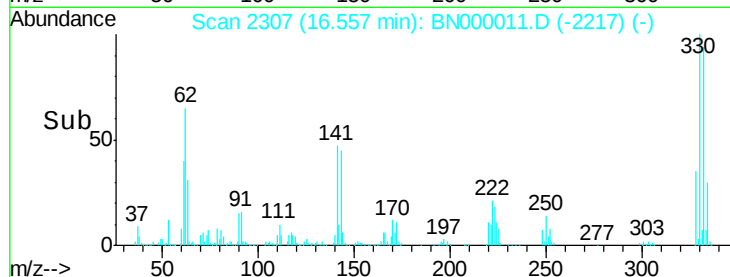
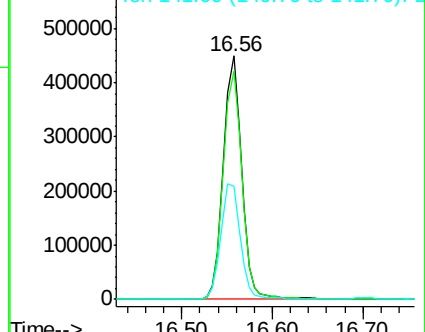
141 50.7 25.2 37.8#



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: 40.027 ng

RT: 13.53 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

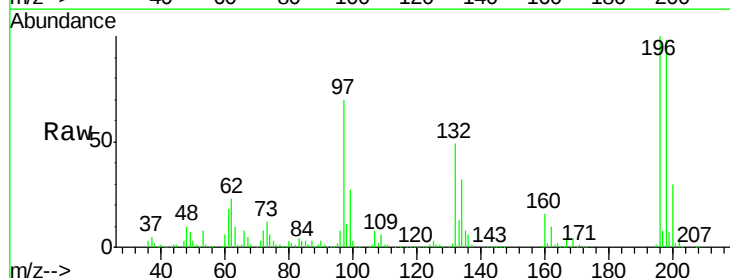
Tgt Ion:196 Resp: 540130

Ion Ratio Lower Upper

196 100

198 98.0 78.2 117.2

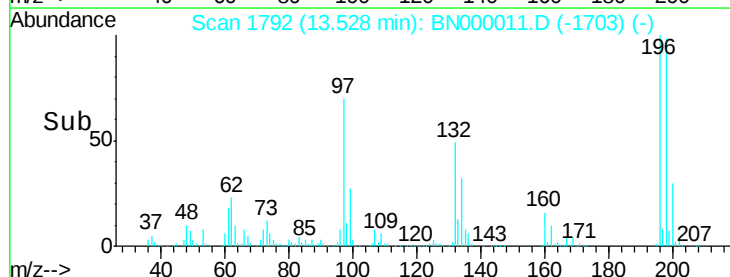
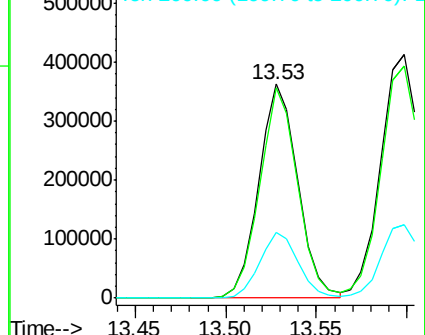
200 30.5 24.6 36.8

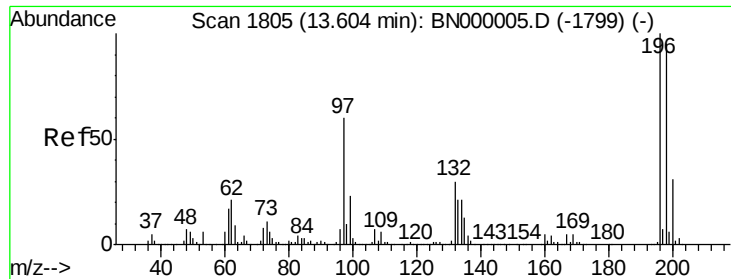


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

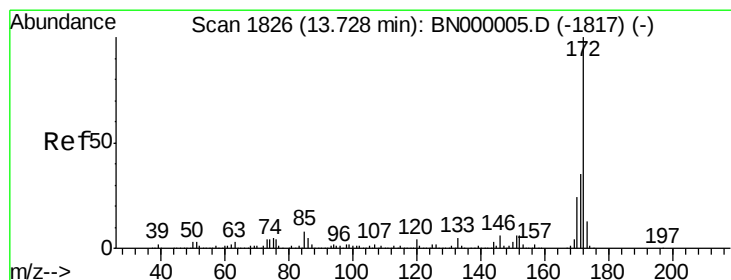
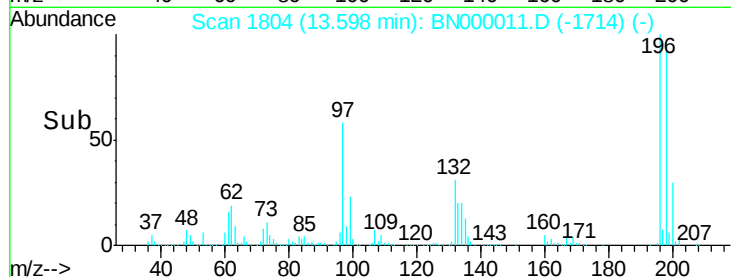
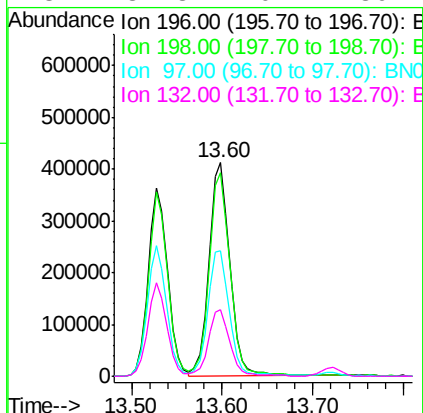
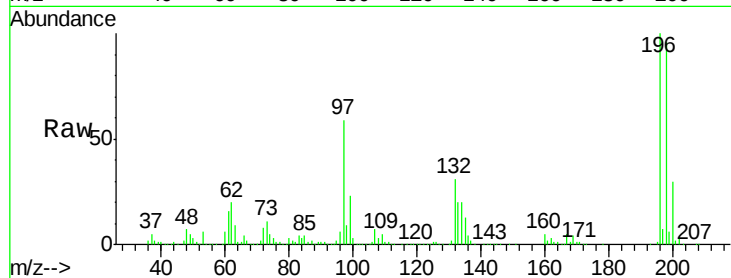




#43
 2,4,5-Trichlorophenol
 Concen: 41.533 ng
 RT: 13.60 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: BN000011.D
 Acq: 05 Feb 2018 10:24

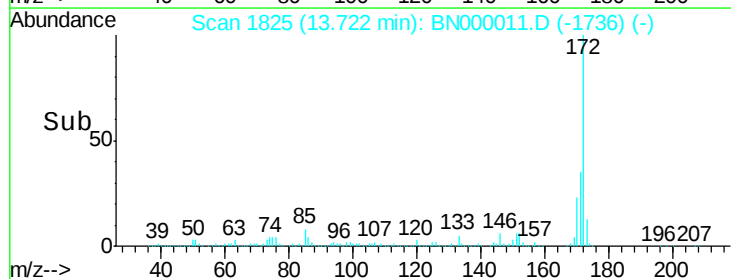
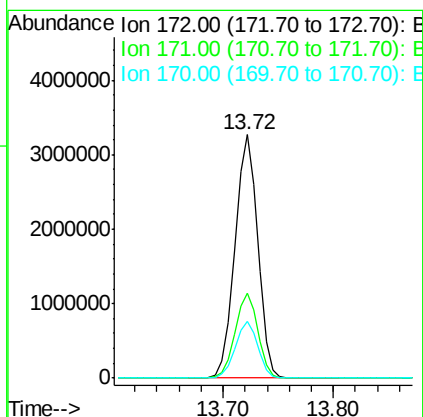
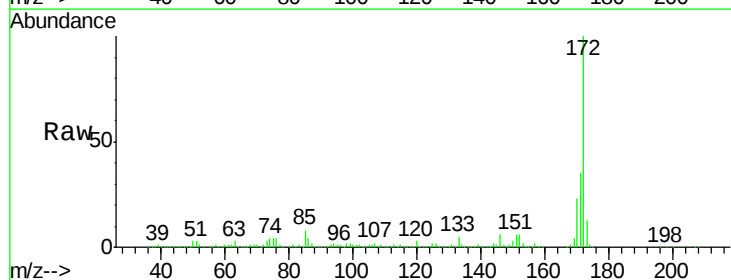
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

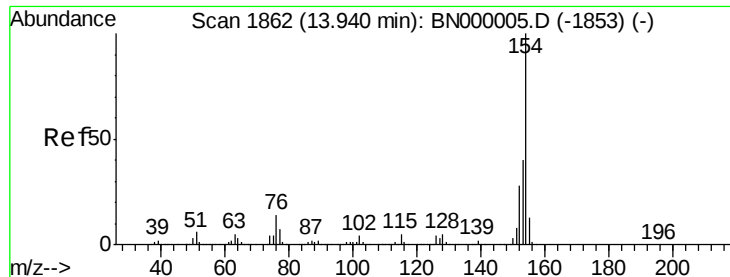
Tot Ion:196 Resp: 660009
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.2 114.4
 97 58.5 38.7 58.1#
 132 31.3 20.2 30.2#



#44
 2-Fluorobiphenyl
 Concen: 81.057 ng
 RT: 13.72 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BN000011.D
 Acq: 05 Feb 2018 10:24

Tgt Ion:172 Resp: 4743712
 Ion Ratio Lower Upper
 172 100
 171 35.1 30.0 45.0
 170 23.1 19.5 29.3





#45

1,1'-Biphenyl

Concen: 39.871 ng

RT: 13.93 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

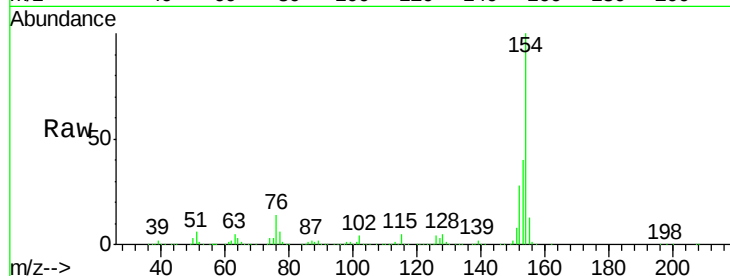
Tot Ion:154 Resp: 2792163

Ion Ratio Lower Upper

154 100

153 40.1 19.8 59.8

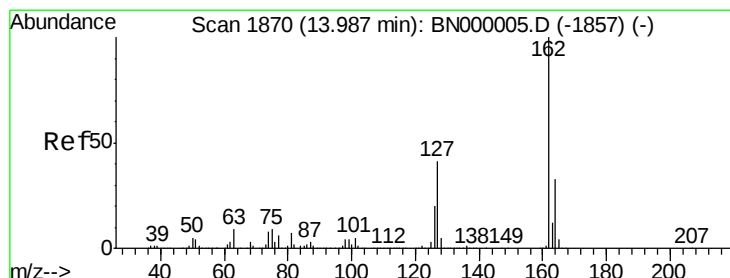
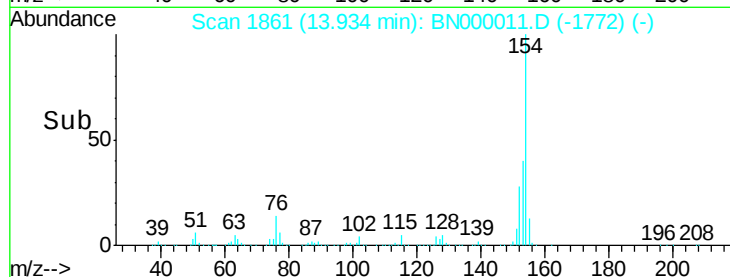
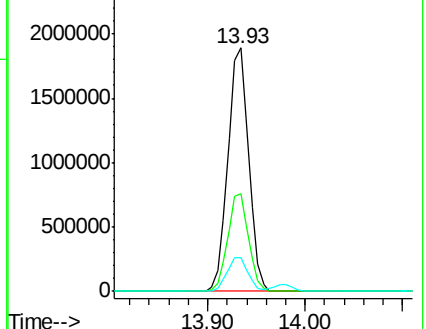
76 14.0 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#46

2-Chloronaphthalene

Concen: 40.266 ng

RT: 13.98 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

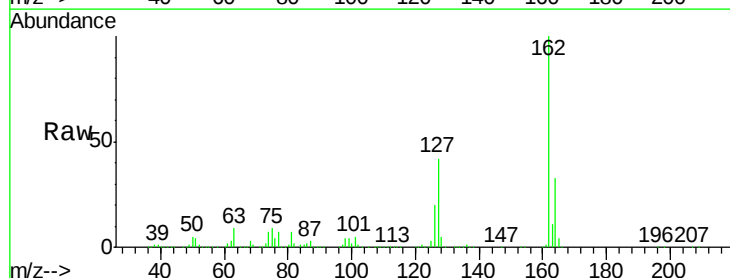
Tgt Ion:162 Resp: 2116943

Ion Ratio Lower Upper

162 100

127 41.9 30.7 46.1

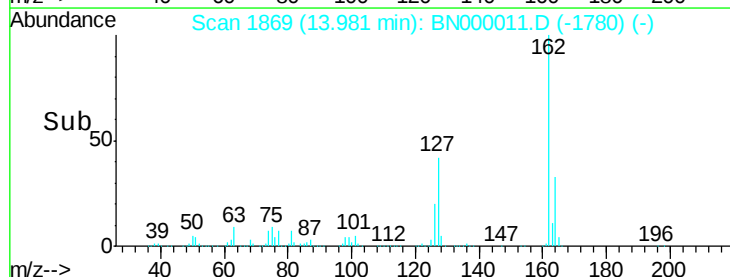
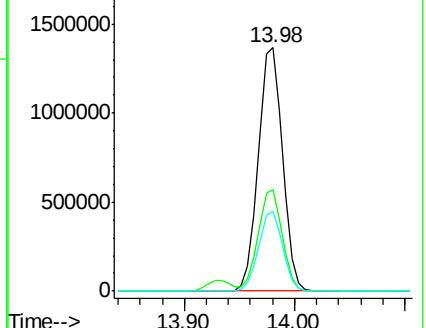
164 33.0 26.0 39.0

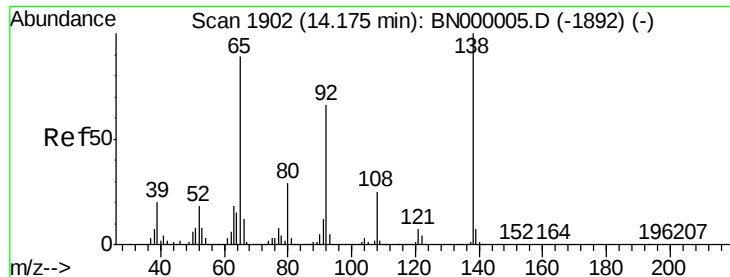


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.210 ng

RT: 14.16 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

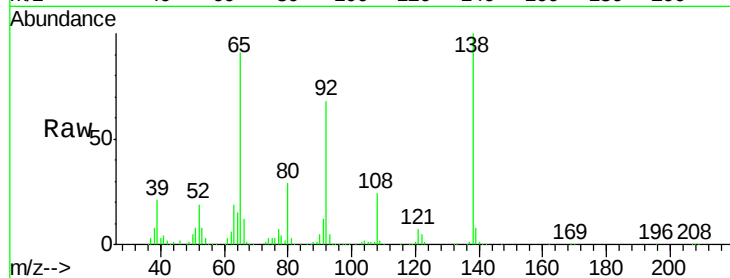
Tot Ion: 65 Resp: 528479

Ion Ratio Lower Upper

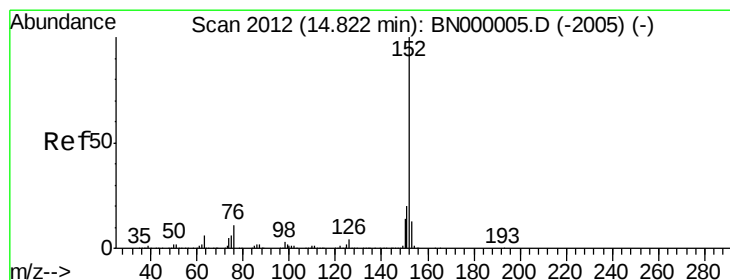
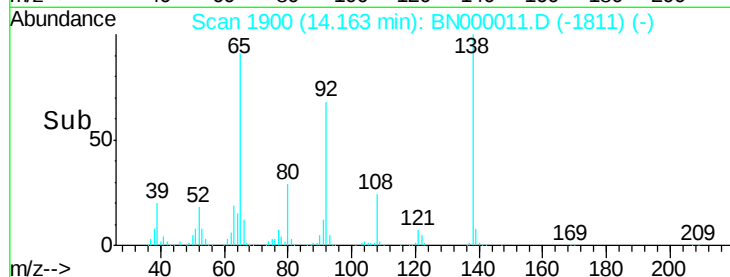
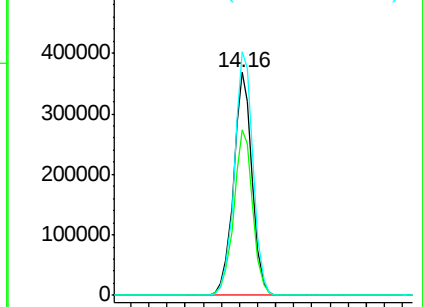
65 100

92 74.3 54.6 82.0

138 109.3 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: 40.373 ng

RT: 14.82 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

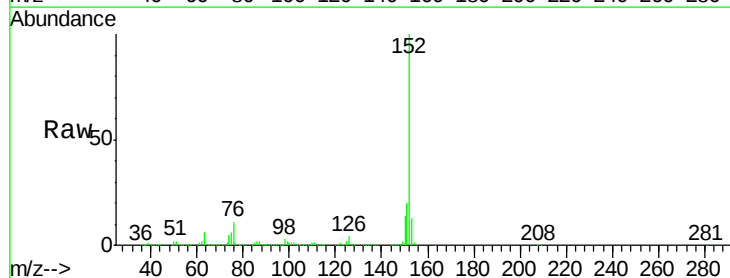
Tgt Ion: 152 Resp: 3564212

Ion Ratio Lower Upper

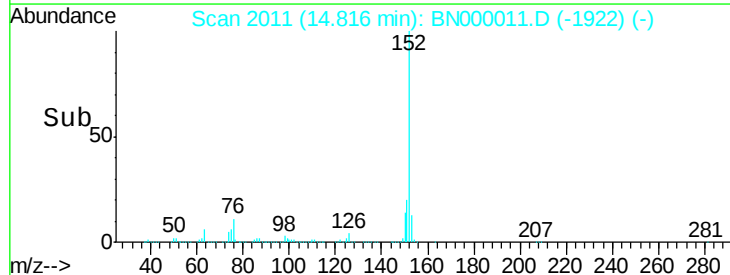
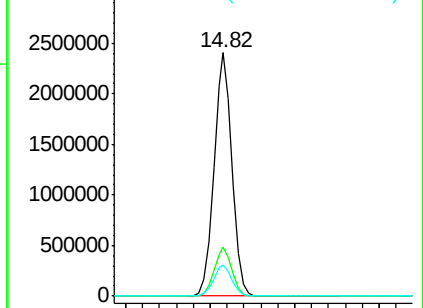
152 100

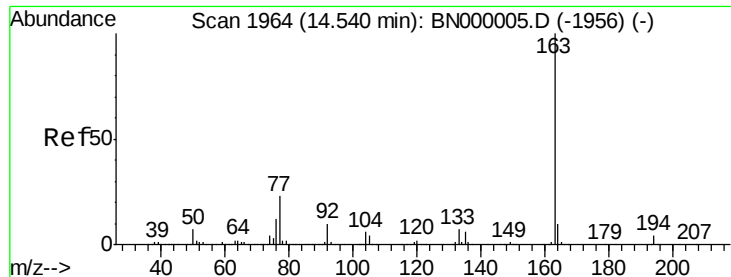
151 20.0 17.2 25.8

153 13.0 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: 39.858 ng

RT: 14.53 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

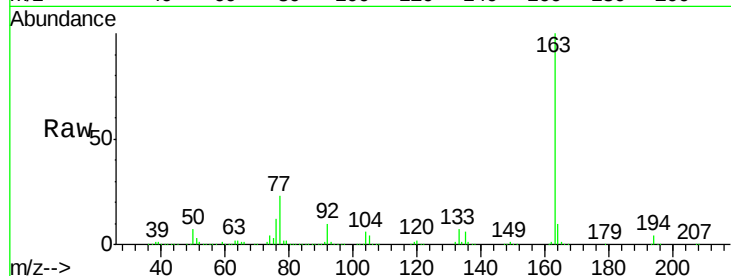
Tot Ion:163 Resp: 2792080

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

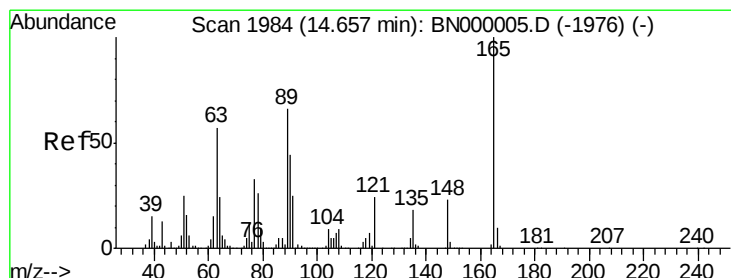
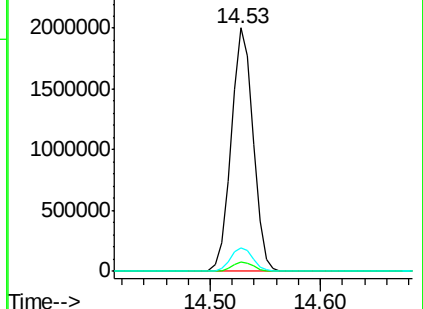
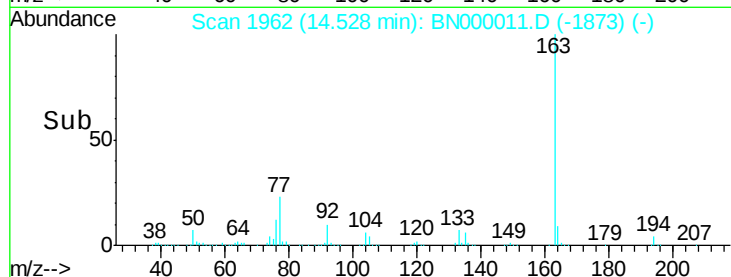
164 9.9 8.2 12.4



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: 38.711 ng

RT: 14.65 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

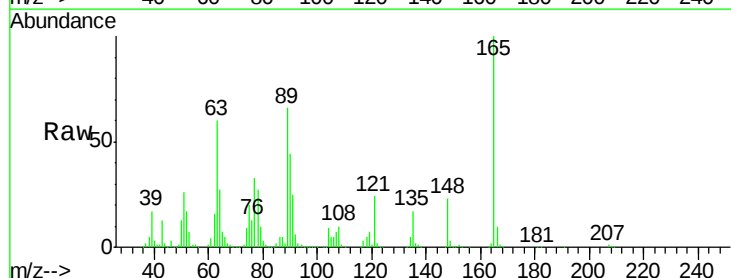
Tgt Ion:165 Resp: 536683

Ion Ratio Lower Upper

165 100

63 59.7 52.7 79.1

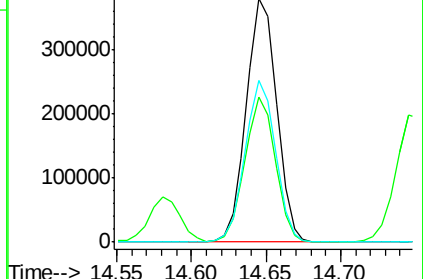
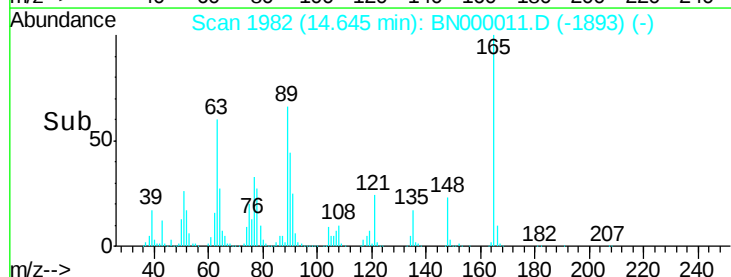
89 66.5 49.2 73.8

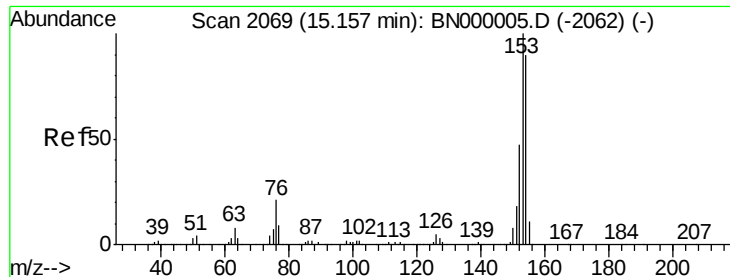


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 40.323 ng

RT: 15.15 min Scan# 2068

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

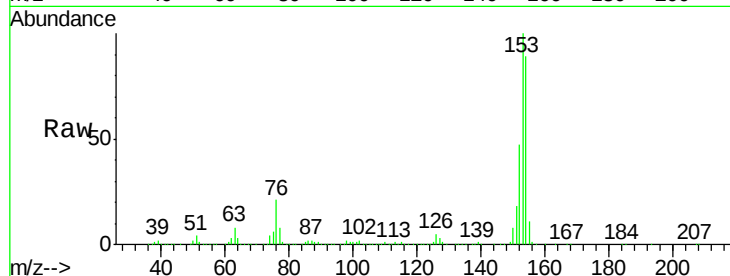
Tot Ion:154 Resp: 2246302

Ion Ratio Lower Upper

154 100

153 112.7 90.4 135.6

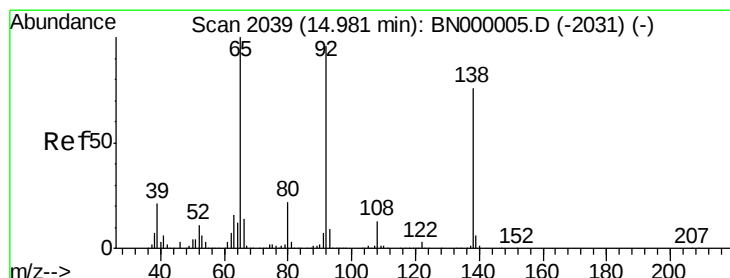
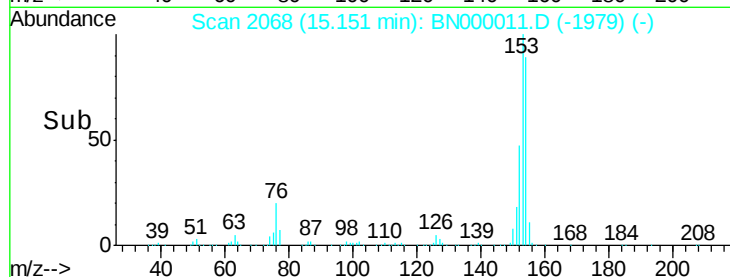
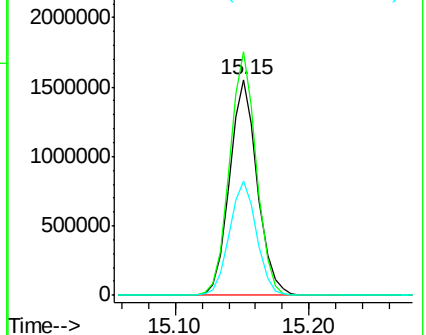
152 52.9 41.6 62.4



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: 39.017 ng

RT: 14.97 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

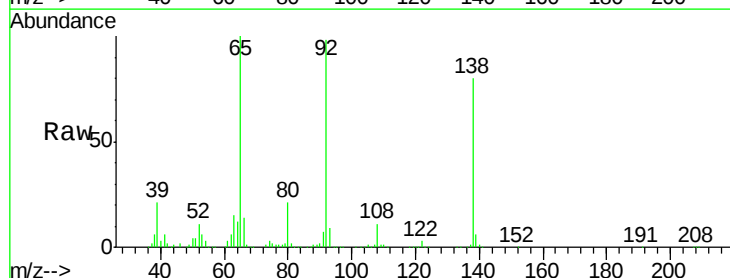
Tgt Ion:138 Resp: 667846

Ion Ratio Lower Upper

138 100

108 13.7 17.5 26.3#

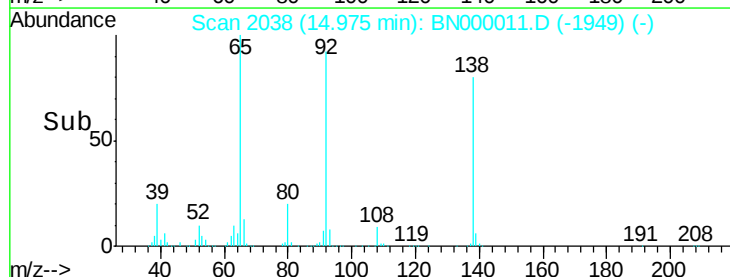
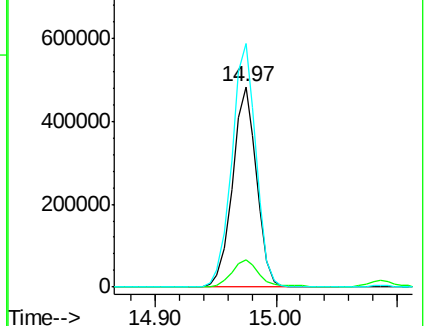
92 121.6 105.8 158.8

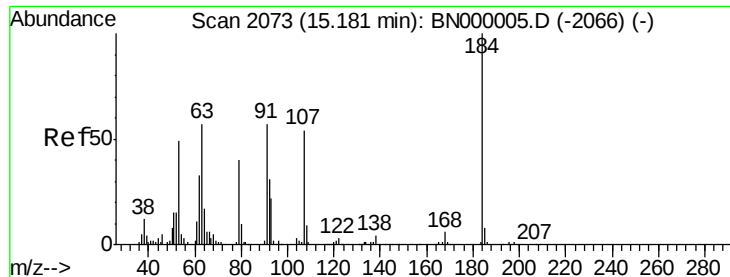


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

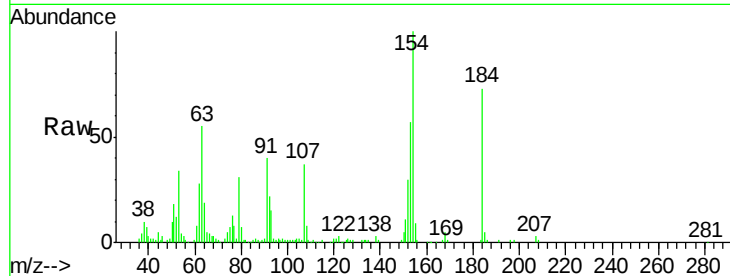




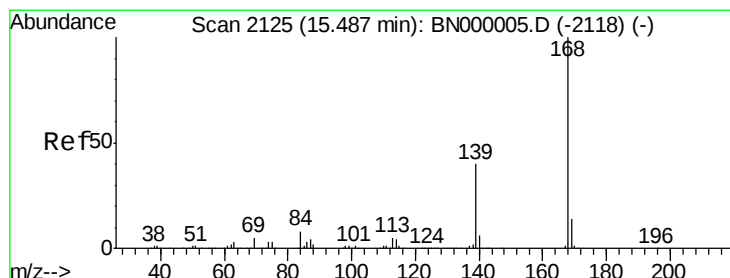
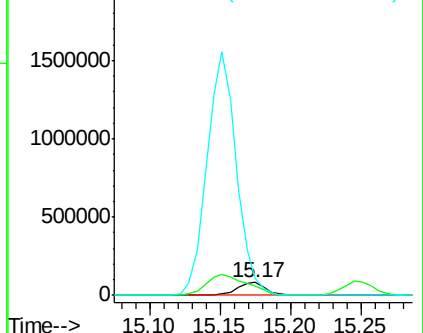
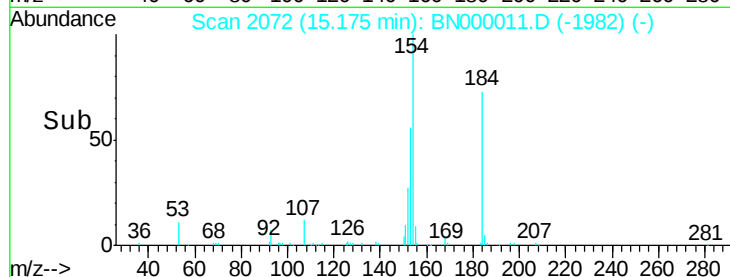
#53
2,4-Dinitrophenol
Concen: 40.872 ng
RT: 15.17 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BN000011.D
Acq: 05 Feb 2018 10:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 119687
Ion Ratio Lower Upper
184 100
63 75.2 80.0 120.0#
154 137.2 308.0 462.0#

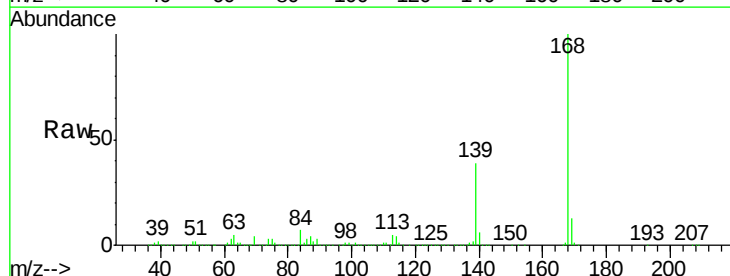


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

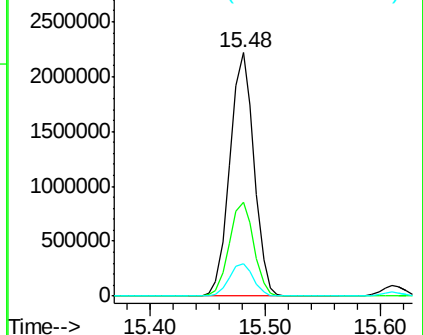
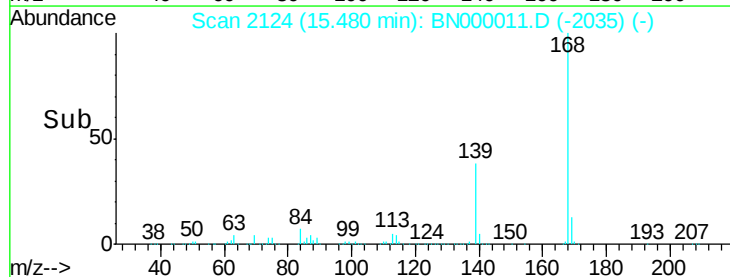


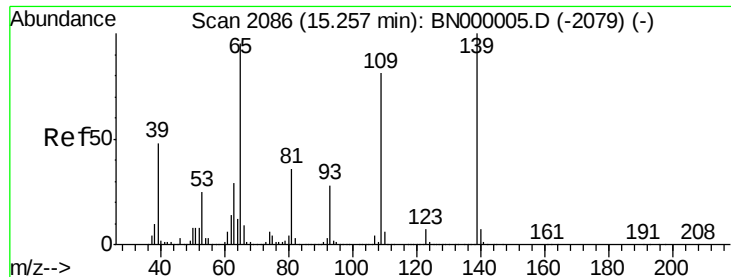
#54
Dibenzofuran
Concen: 40.029 ng
RT: 15.48 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BN000011.D
Acq: 05 Feb 2018 10:24

Tgt Ion:168 Resp: 3200015
Ion Ratio Lower Upper
168 100
139 38.7 28.6 43.0
169 13.2 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 37.031 ng

RT: 15.25 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

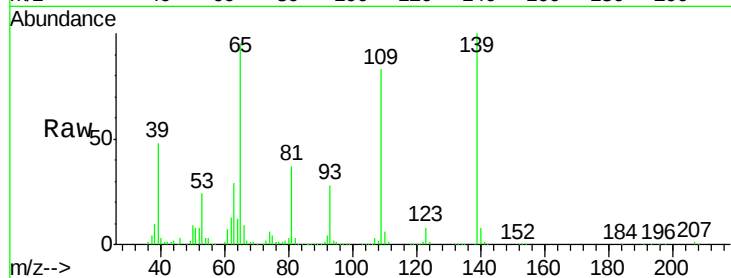
Tot Ion:139 Resp: 477449

Ion Ratio Lower Upper

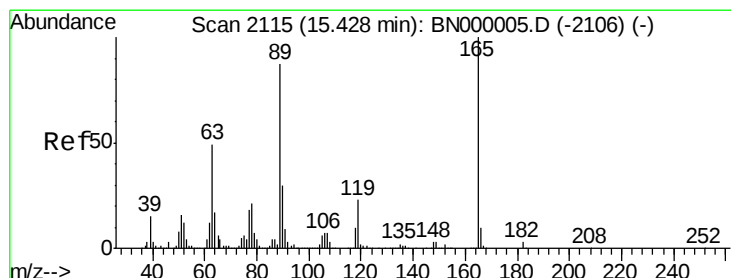
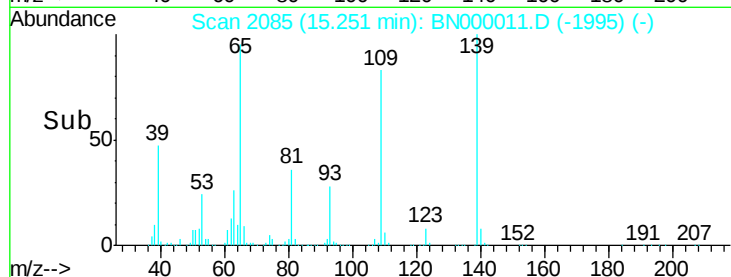
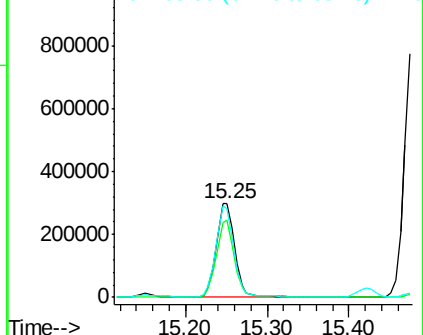
139 100

109 82.9 62.2 102.2

65 95.4 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: 38.327 ng

RT: 15.42 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Tgt Ion:165 Resp: 715532

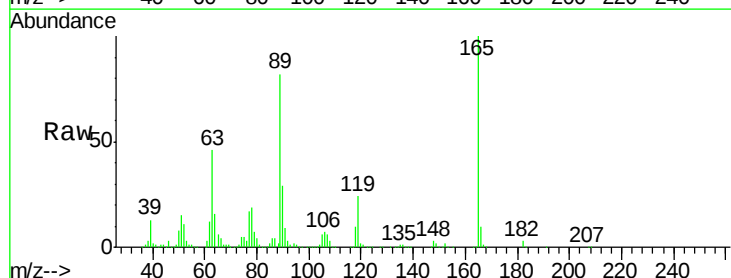
Ion Ratio Lower Upper

165 100

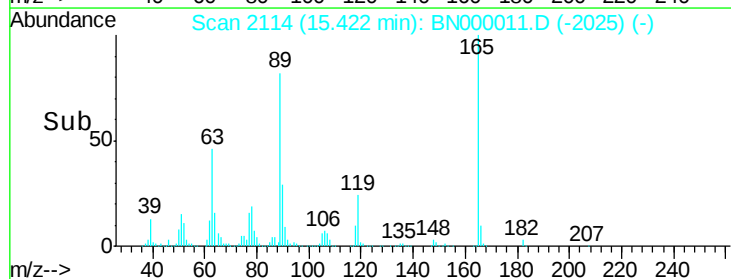
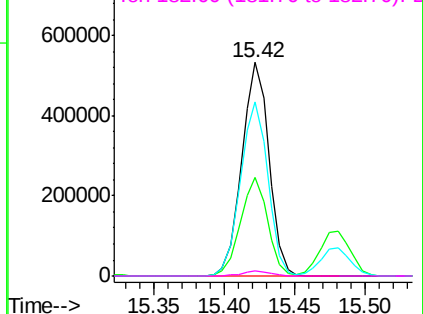
63 46.1 42.0 63.0

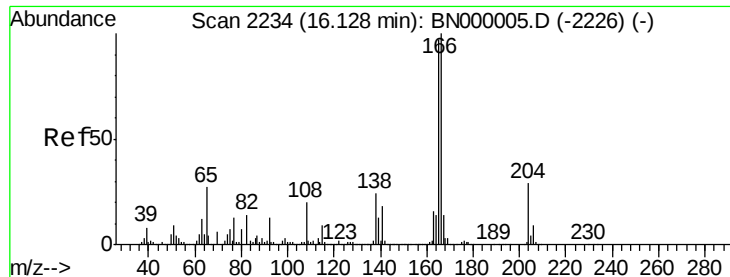
89 81.8 66.9 100.3

182 2.6 2.6 3.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BNC
Ion 89.00 (88.70 to 89.70): BNC
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.306 ng

RT: 16.12 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

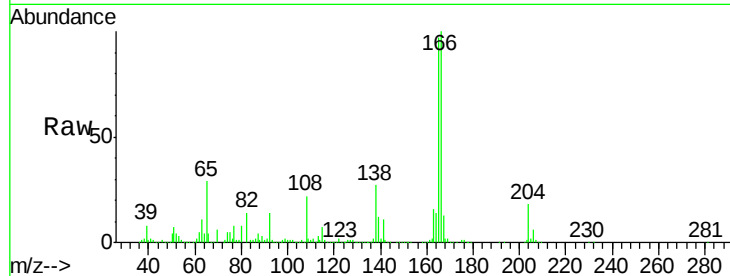
Tot Ion:166 Resp: 2713123

Ion Ratio Lower Upper

166 100

165 96.6 80.6 121.0

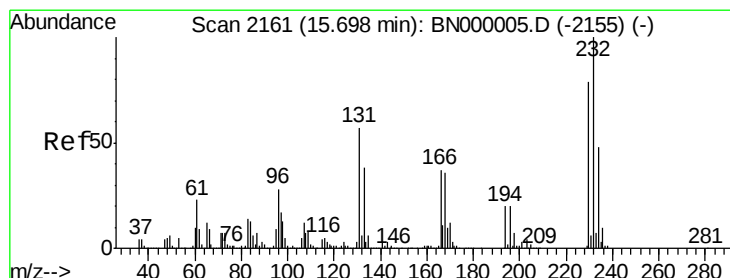
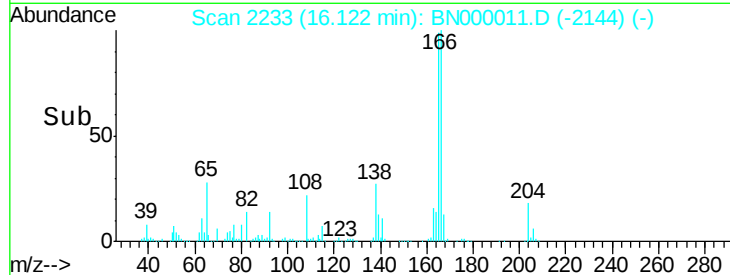
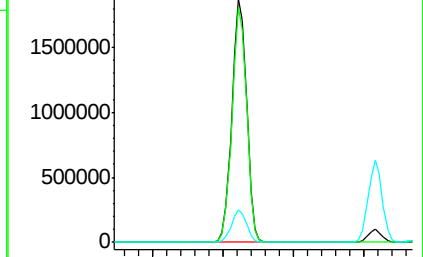
167 13.3 10.4 15.6



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: 41.530 ng

RT: 15.69 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Tgt Ion:232 Resp: 537459

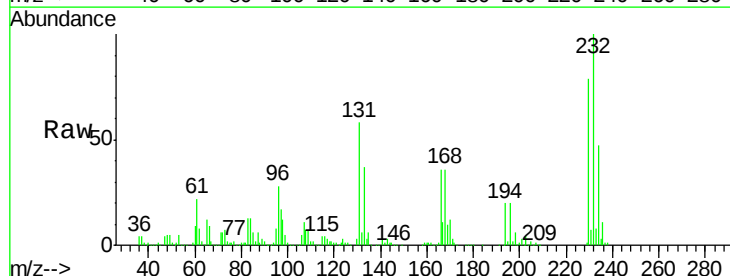
Ion Ratio Lower Upper

232 100

131 56.4 33.5 50.3#

130 3.0 2.2 3.2

166 36.3 24.8 37.2

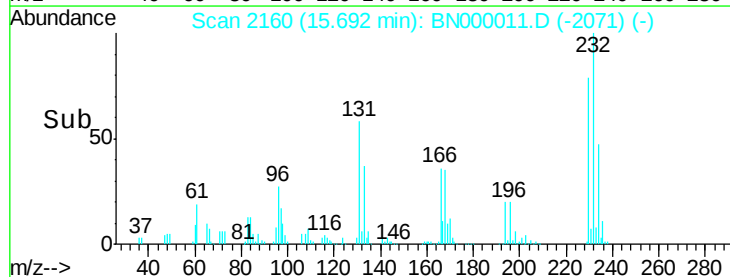
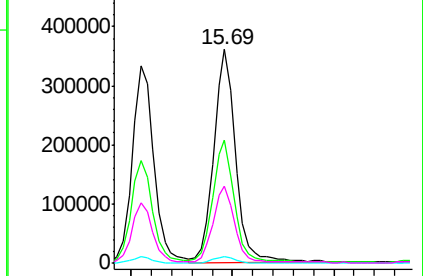


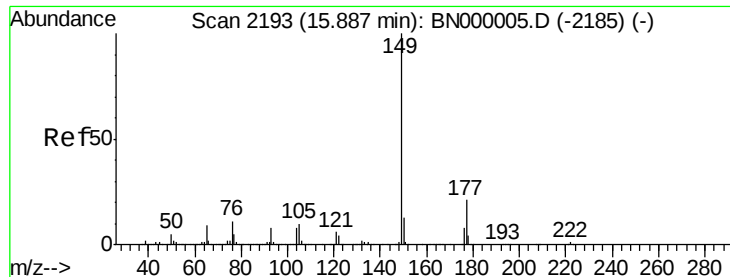
Abundance Ion 232.00 (231.70 to 232.70): E

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

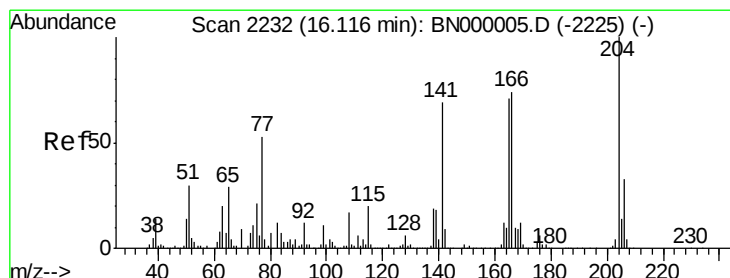
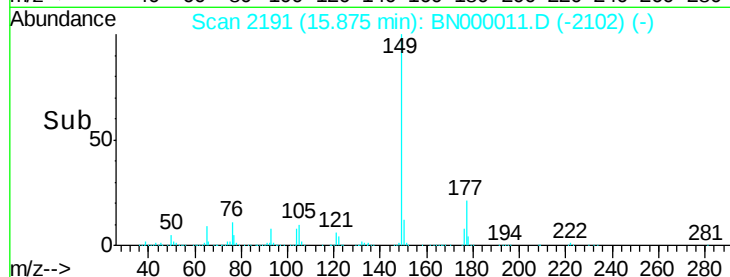
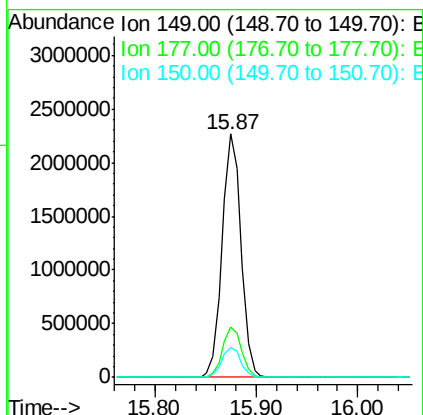
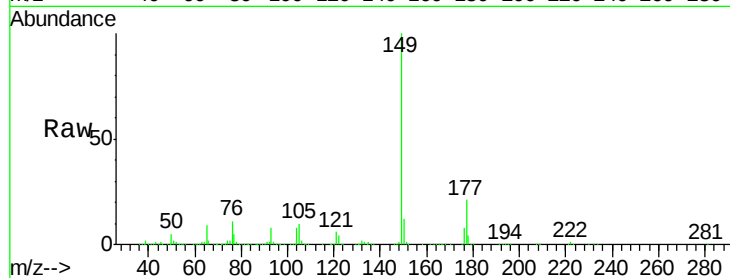




#59
Diethylphthalate
Concen: 39.946 ng
RT: 15.87 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BN000011.D
Acq: 05 Feb 2018 10:24

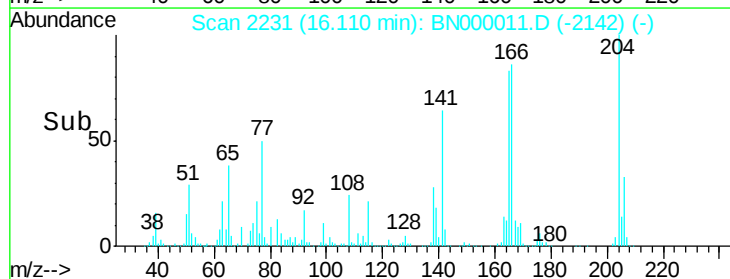
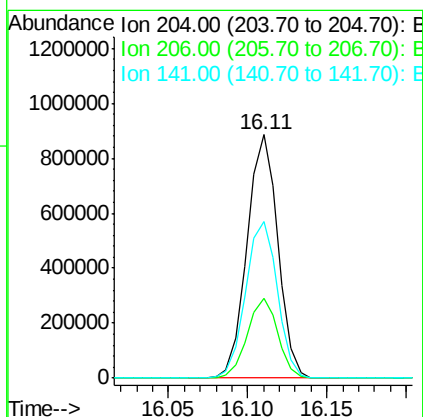
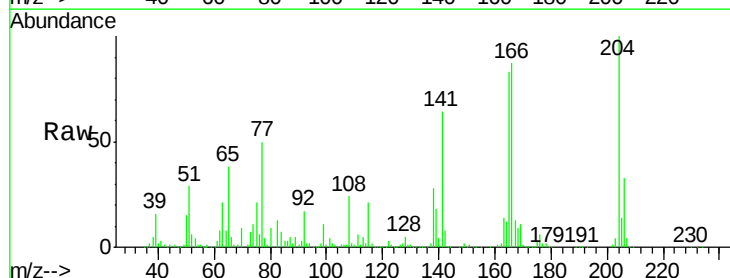
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

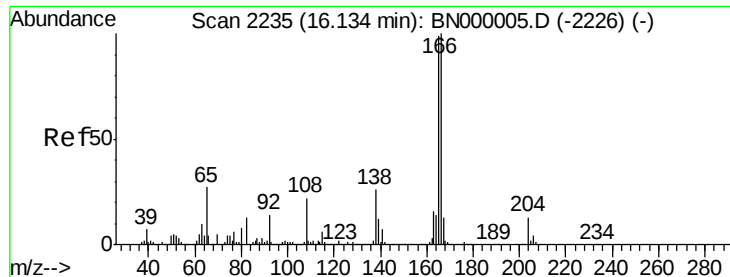
Tot Ion:149 Resp: 2923693
Ion Ratio Lower Upper
149 100
177 20.7 18.5 27.7
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.147 ng
RT: 16.11 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BN000011.D
Acq: 05 Feb 2018 10:24

Tgt Ion:204 Resp: 1194412
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 64.4 45.8 68.6

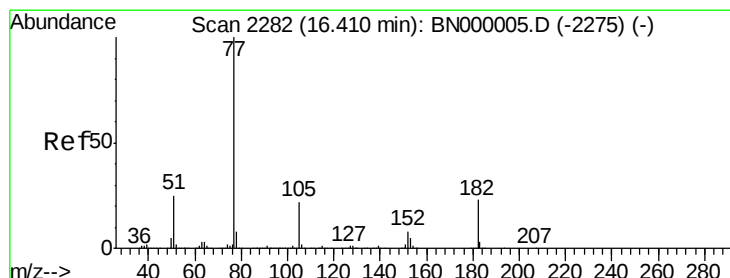
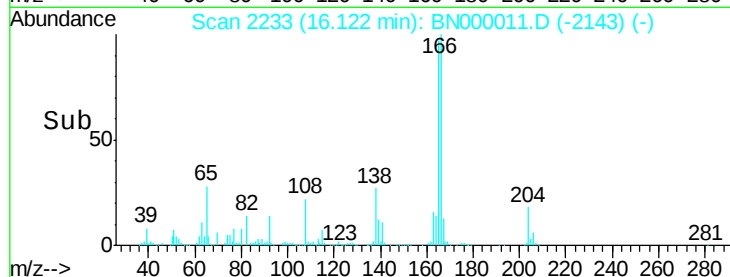
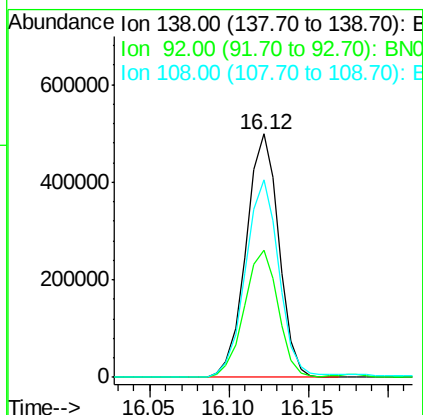
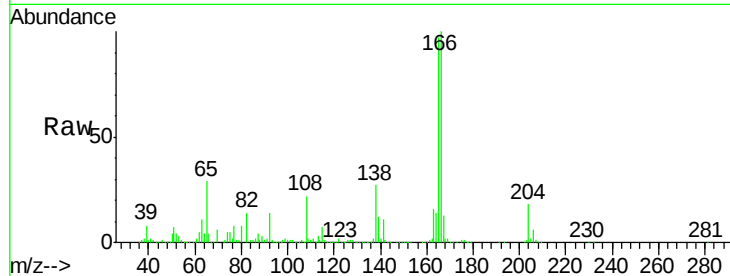




#61
4-Nitroaniline
Concen: 39.484 ng
RT: 16.12 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BN000011.D
Acq: 05 Feb 2018 10:24

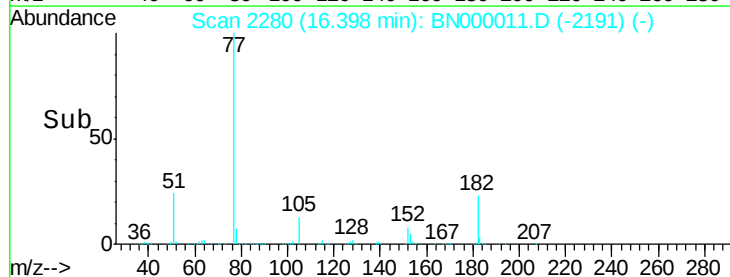
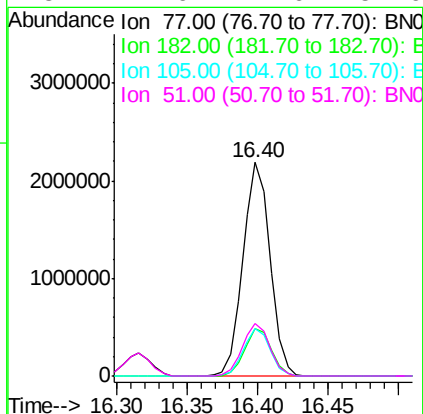
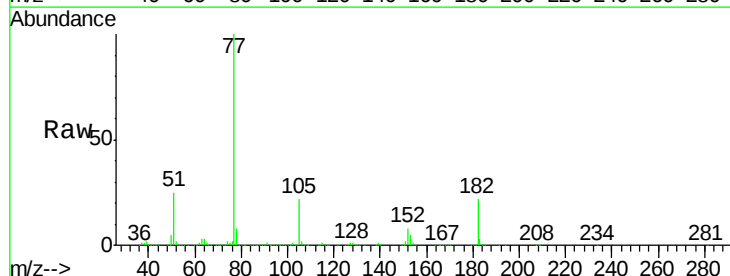
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

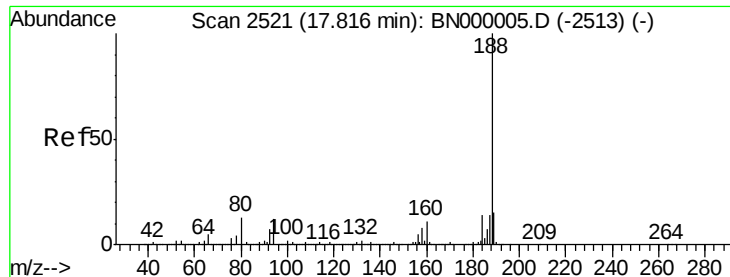
Tot Ion:138 Resp: 718756
Ion Ratio Lower Upper
138 100
92 52.1 40.1 80.1
108 81.1 65.4 105.4



#62
Azobenzene
Concen: 40.059 ng
RT: 16.40 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BN000011.D
Acq: 05 Feb 2018 10:24

Tgt Ion: 77 Resp: 2929932
Ion Ratio Lower Upper
77 100
182 22.0 7.4 47.4
105 22.1 0.3 40.3
51 24.6 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.81 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

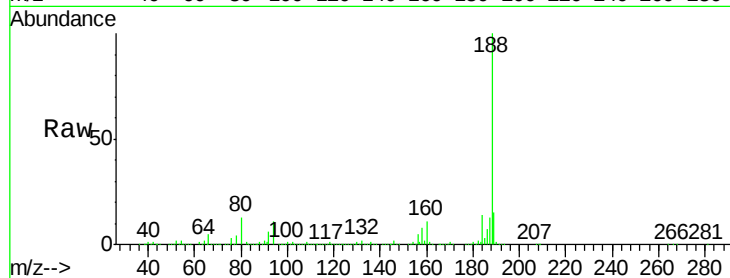
Tot Ion:188 Resp: 1777470

Ion Ratio Lower Upper

188 100

94 11.2 6.9 10.3#

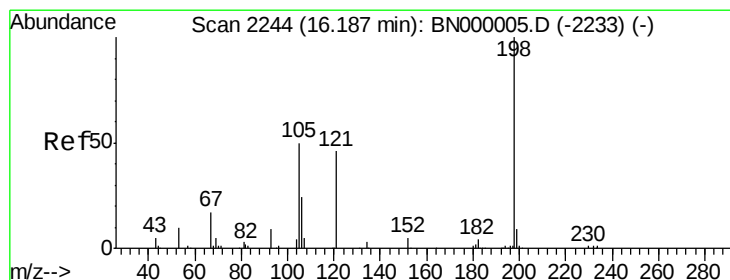
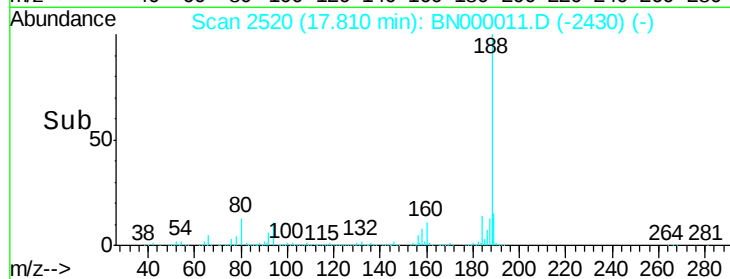
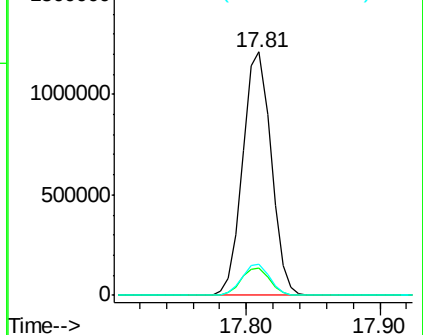
80 12.7 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#64

4,6-Dinitro-2-methylphenol

Concen: 36.658 ng

RT: 16.17 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

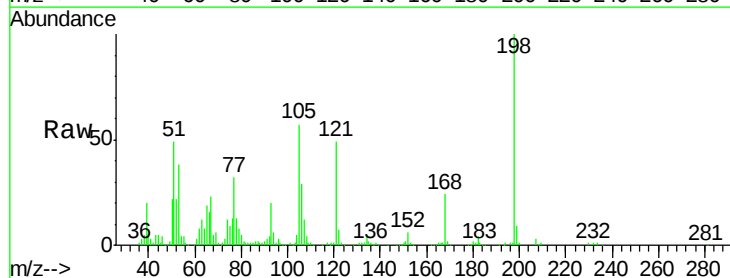
Tgt Ion:198 Resp: 238865

Ion Ratio Lower Upper

198 100

51 49.4 30.6 70.6

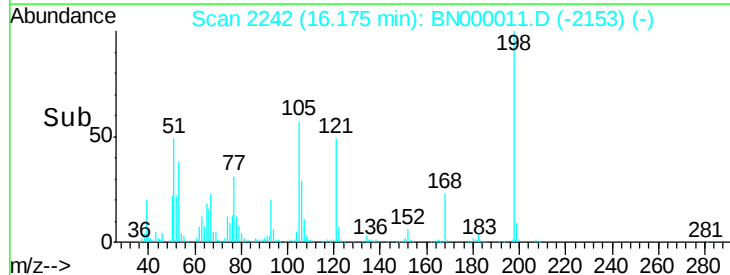
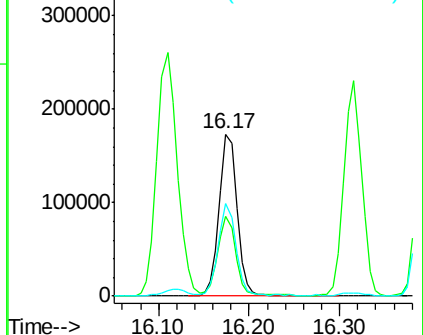
105 57.0 23.8 63.8

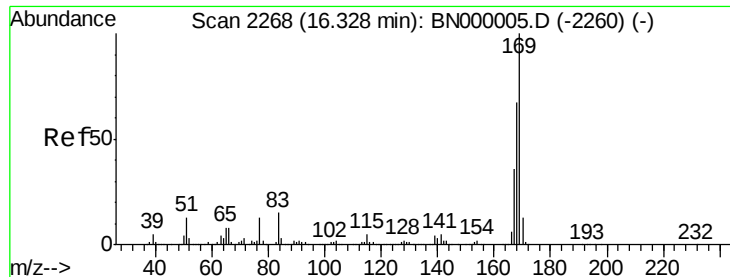


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

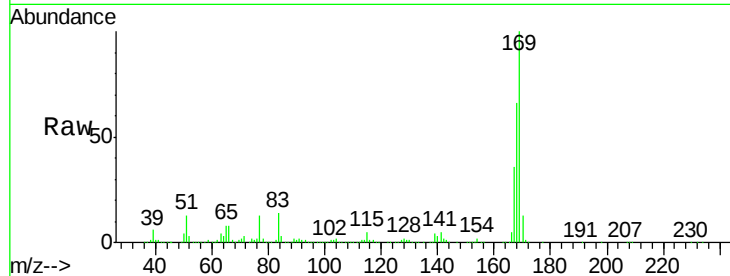




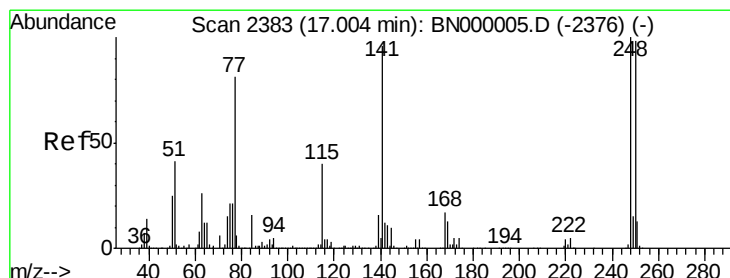
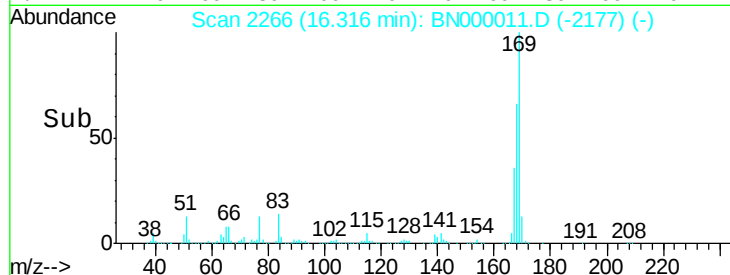
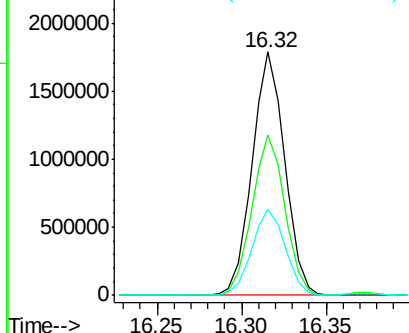
#65
 n-Nitrosodiphenylamine
 Concen: 41.198 ng
 RT: 16.32 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BN000011.D
 Acq: 05 Feb 2018 10:24

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

Tot Ion:169 Resp: 2392958
 Ion Ratio Lower Upper
 169 100
 168 66.1 55.7 83.5
 167 35.6 30.1 45.1

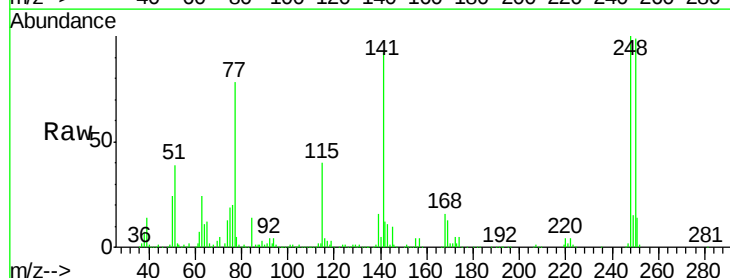


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

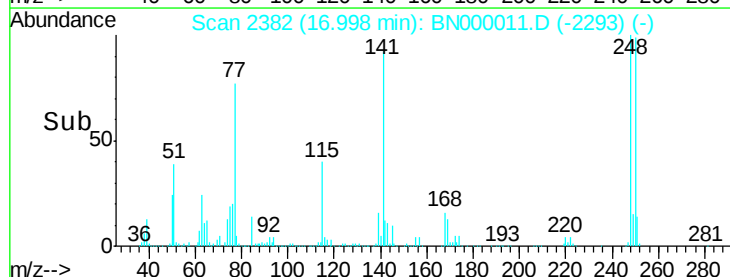
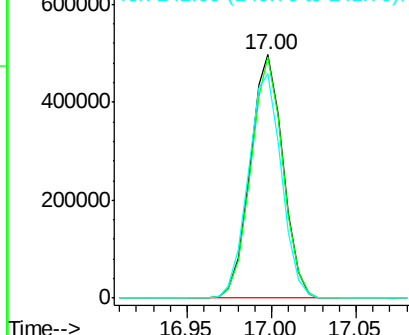


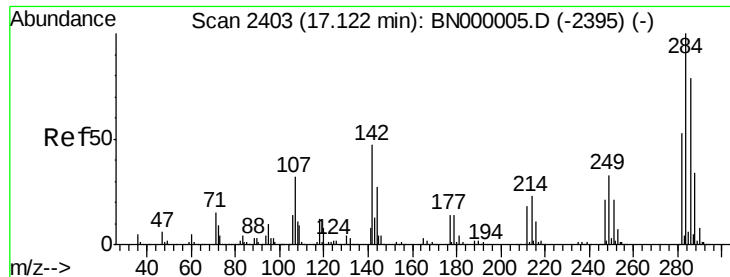
#66
 4-Bromophenyl-phenylether
 Concen: 40.061 ng
 RT: 17.00 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BN000011.D
 Acq: 05 Feb 2018 10:24

Tgt Ion:248 Resp: 666321
 Ion Ratio Lower Upper
 248 100
 250 99.1 77.1 115.7
 141 92.1 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: 40.055 ng

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

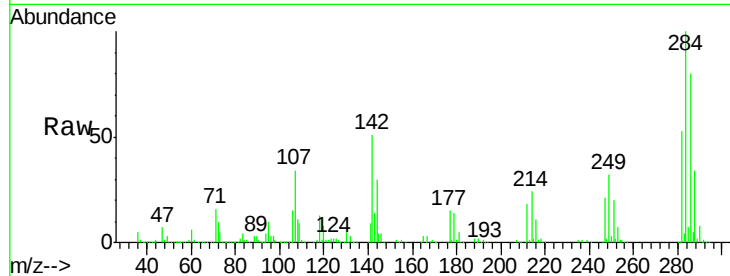
Tot Ion:284 Resp: 767541

Ion Ratio Lower Upper

284 100

142 51.1 26.8 40.2#

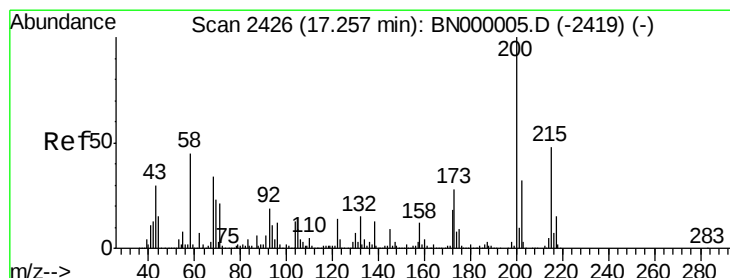
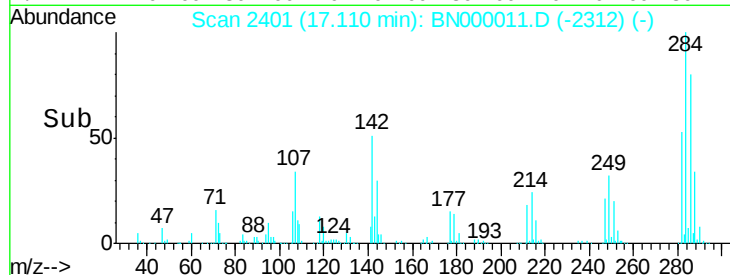
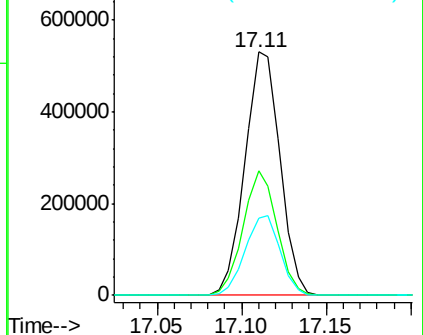
249 32.0 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.578 ng

RT: 17.25 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

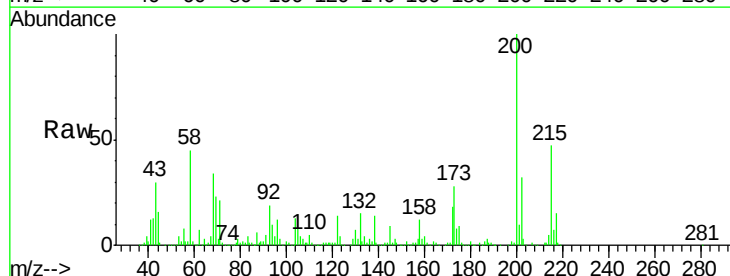
Tgt Ion:200 Resp: 736179

Ion Ratio Lower Upper

200 100

173 27.8 5.2 45.2

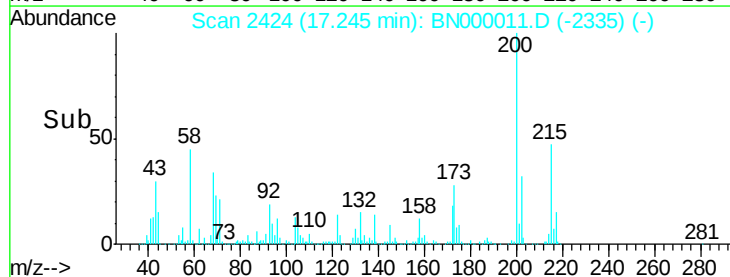
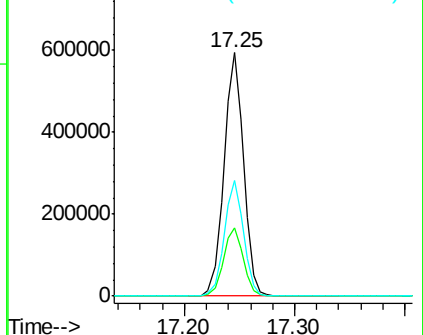
215 47.5 30.4 70.4

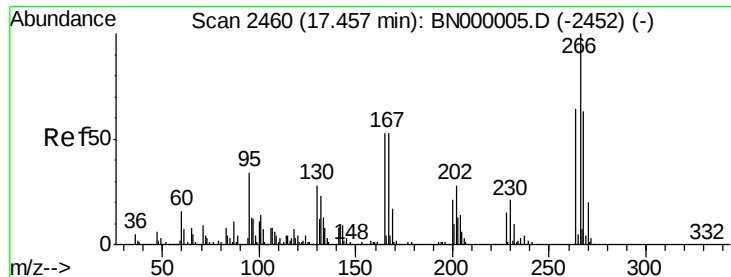


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

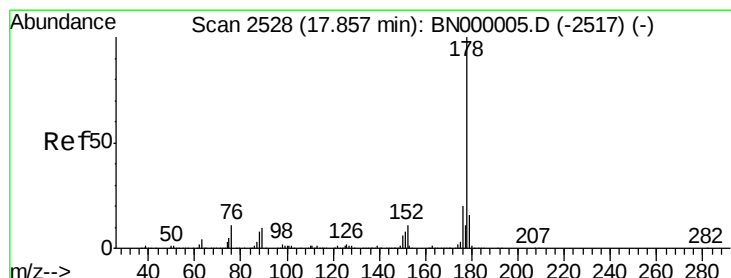
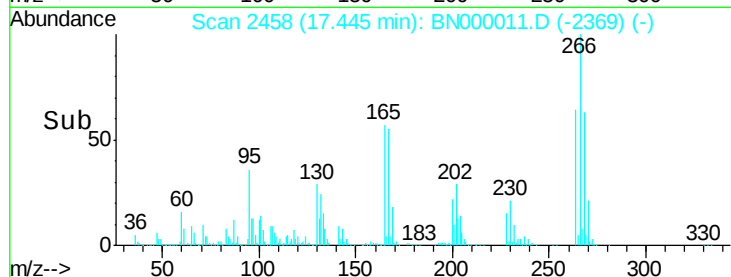
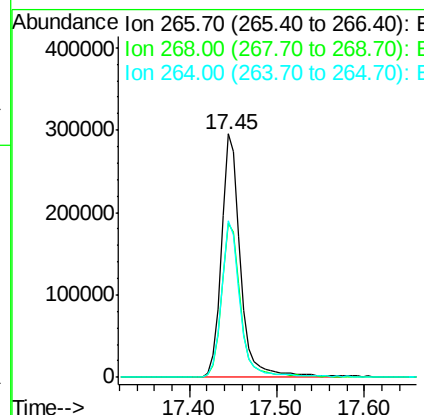
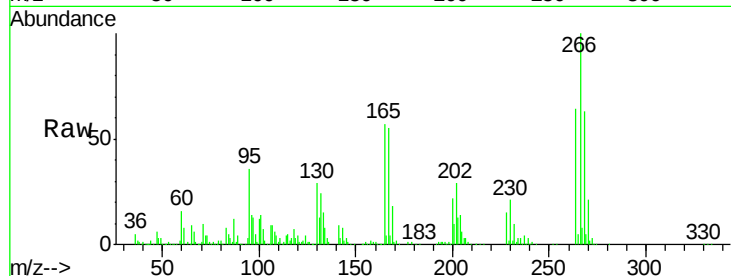




#69
 Pentachlorophenol
 Concen: 39.009 ng
 RT: 17.45 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BN000011.D
 Acq: 05 Feb 2018 10:24

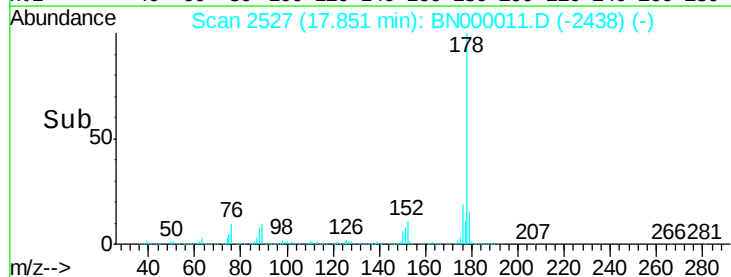
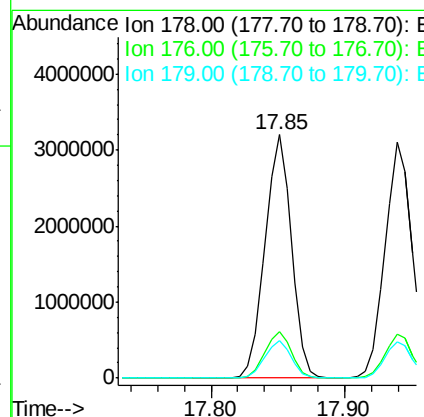
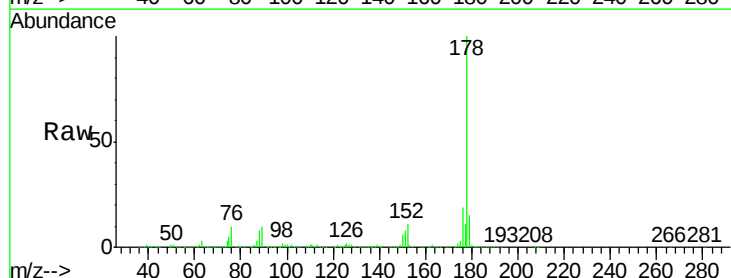
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

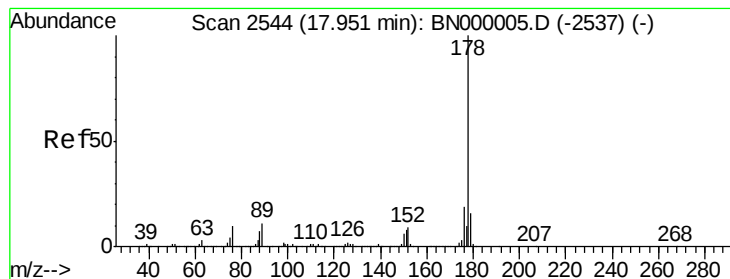
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	64.2	49.6	74.4



#70
 Phenanthrene
 Concen: 40.963 ng
 RT: 17.85 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BN000011.D
 Acq: 05 Feb 2018 10:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.3	12.5	18.7





#71

Anthracene

Concen: 41.030 ng

RT: 17.94 min Scan# 2542

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

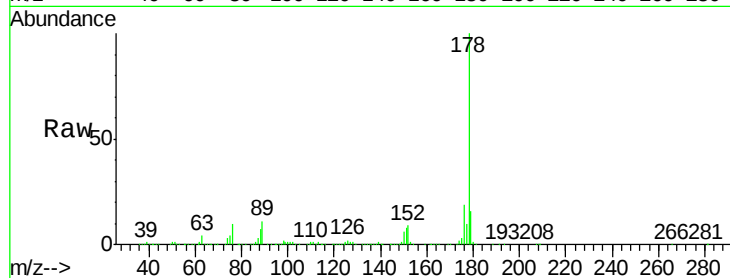
Tot Ion:178 Resp: 4347051

Ion Ratio Lower Upper

178 100

176 18.8 16.0 24.0

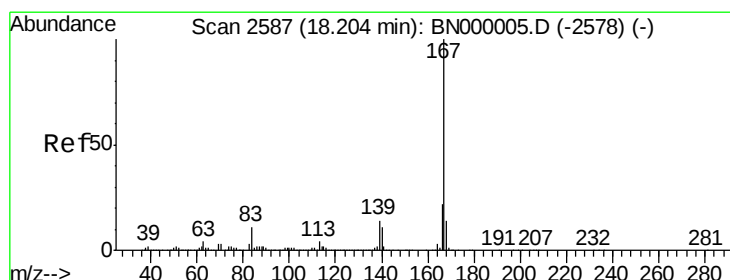
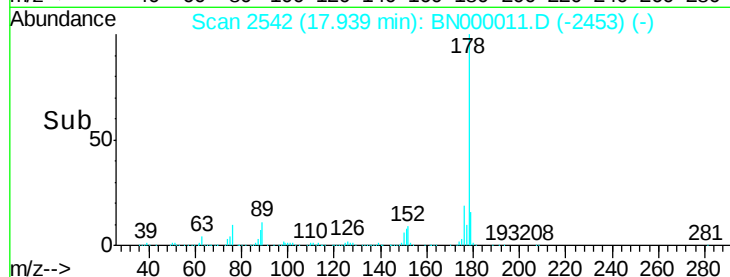
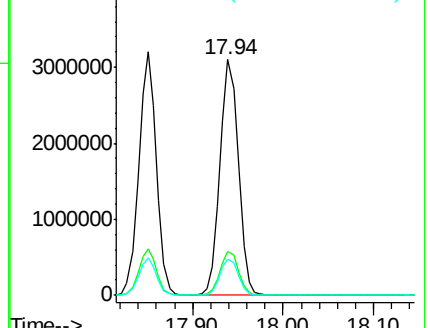
179 15.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.172 ng

RT: 18.20 min Scan# 2586

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

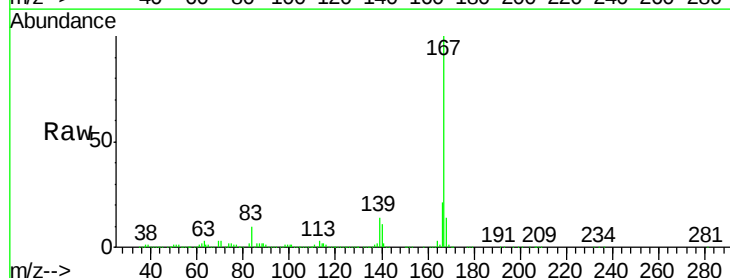
Tgt Ion:167 Resp: 4513154

Ion Ratio Lower Upper

167 100

166 21.4 18.2 27.4

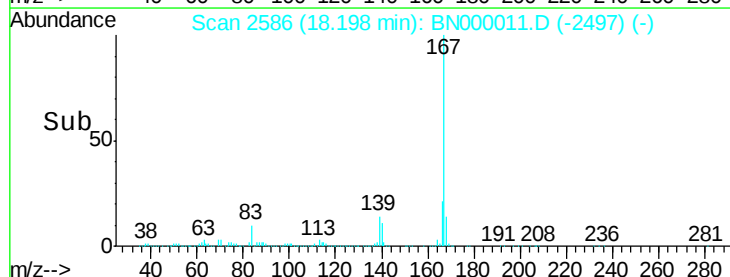
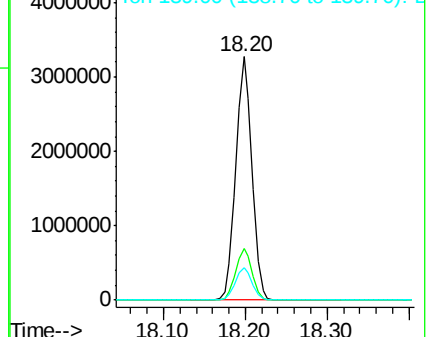
139 13.6 9.4 14.2

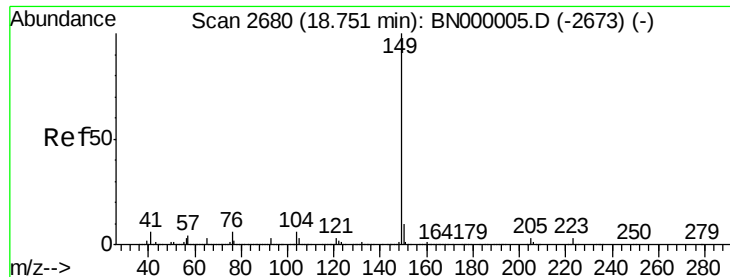


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.015 ng

RT: 18.74 min Scan# 2678

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

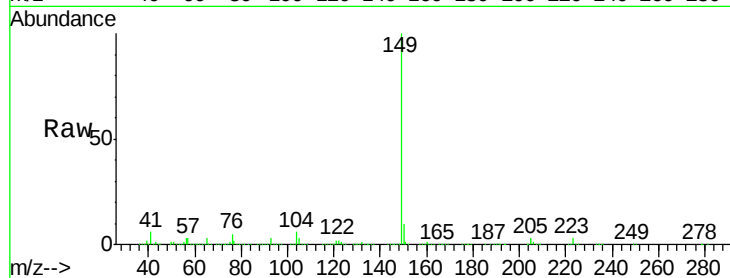
Tot Ion:149 Resp: 4992922

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

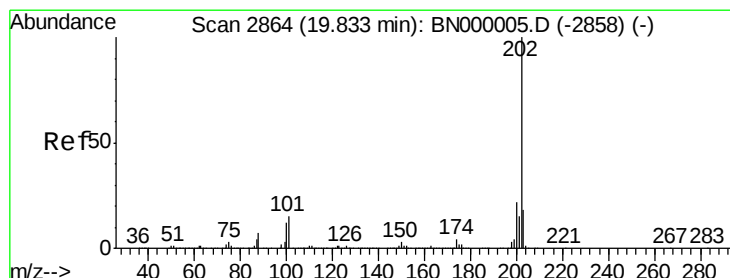
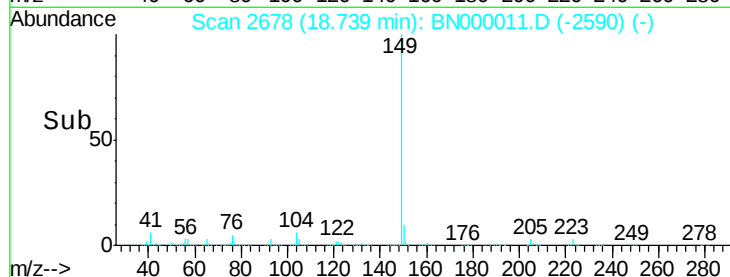
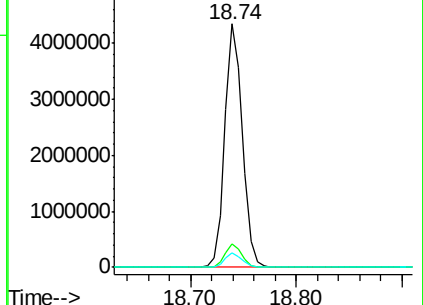
104 5.8 3.9 5.9



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: 40.779 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

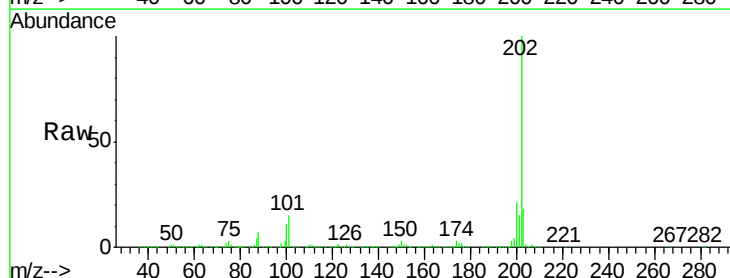
Tgt Ion:202 Resp: 4952046

Ion Ratio Lower Upper

202 100

101 14.8 0.0 28.9

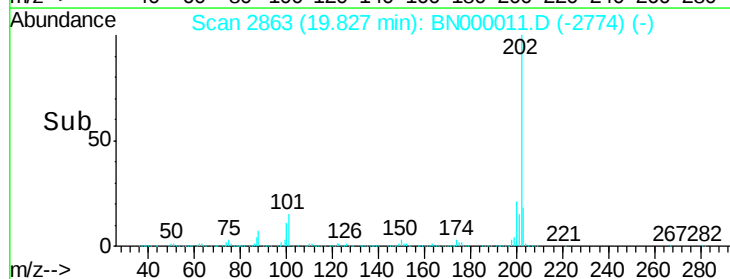
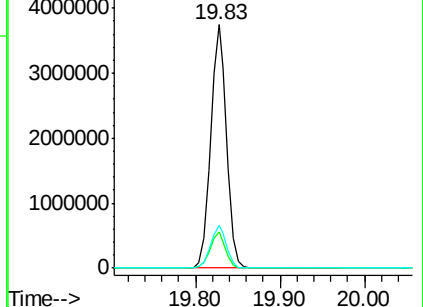
203 17.7 0.0 37.5

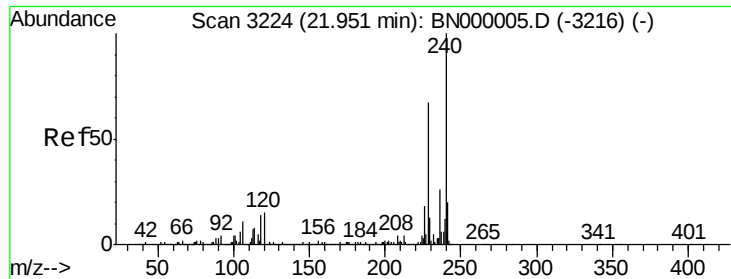


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.94 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

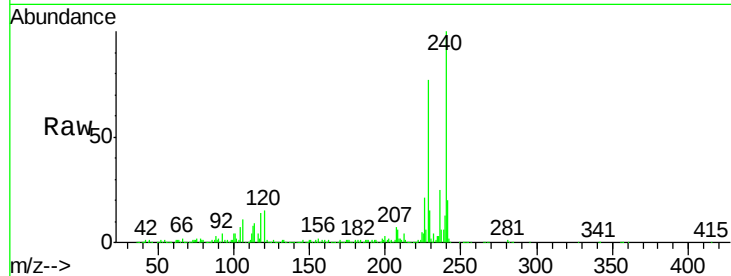
Tot Ion:240 Resp: 2061119

Ion Ratio Lower Upper

240 100

120 15.5 6.8 10.2#

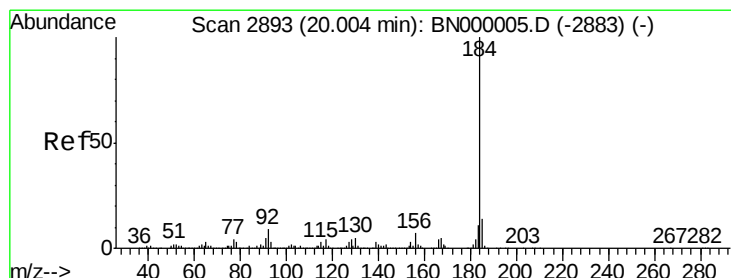
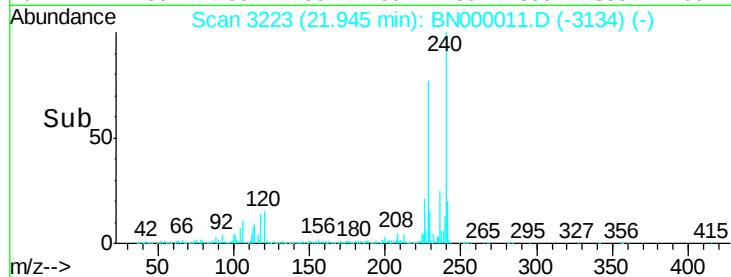
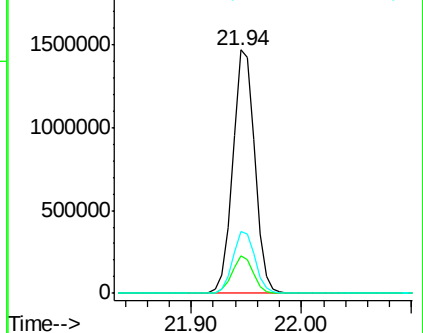
236 25.3 20.9 31.3



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: 44.641 ng

RT: 20.00 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

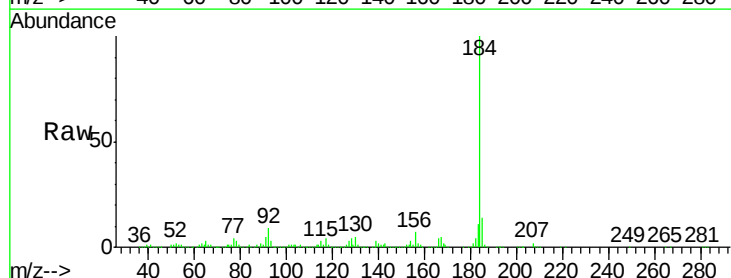
Tgt Ion:184 Resp: 2329033

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

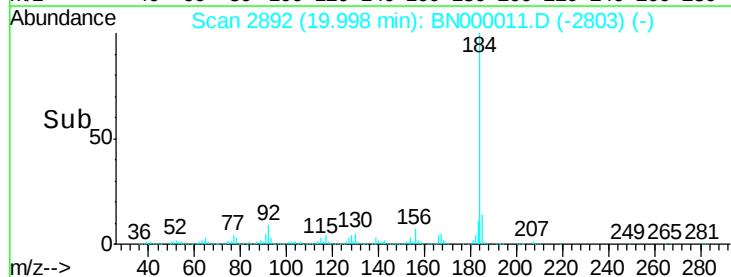
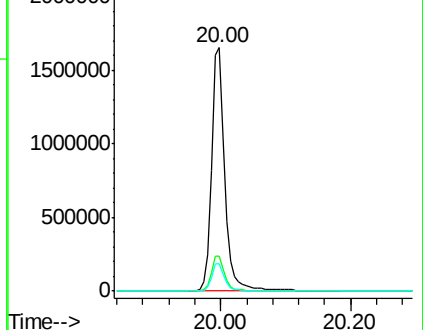
183 11.3 10.6 16.0

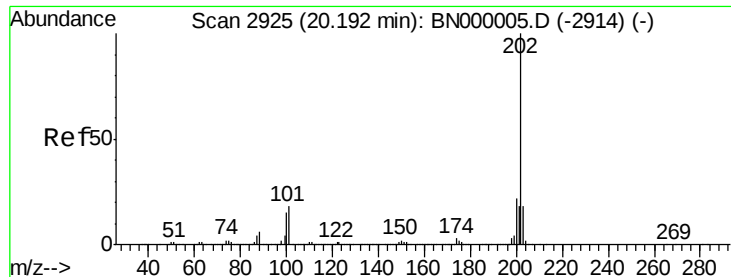


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.381 ng

RT: 20.19 min Scan# 2924

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

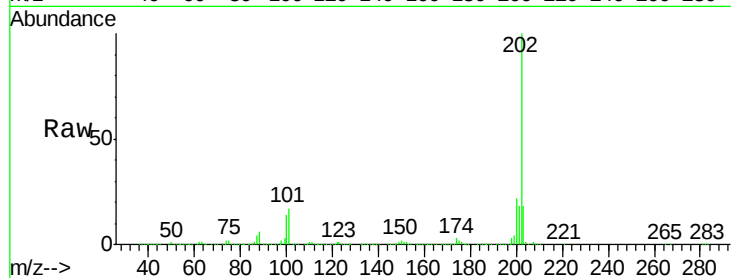
Tot Ion:202 Resp: 5380894

Ion Ratio Lower Upper

202 100

200 21.7 16.9 25.3

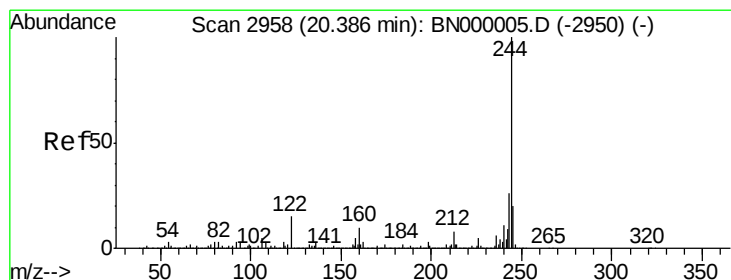
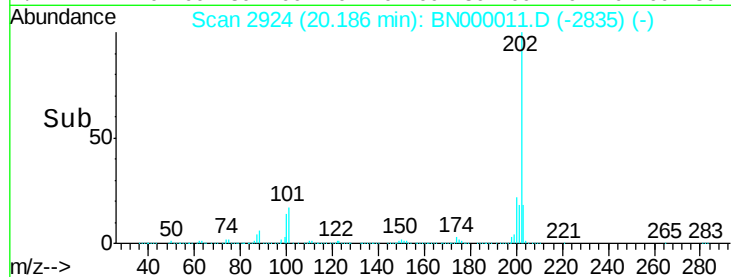
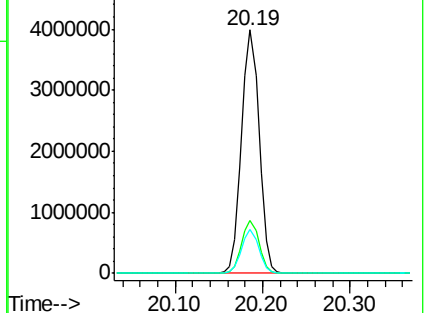
203 18.1 13.9 20.9



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: 83.435 ng

RT: 20.37 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

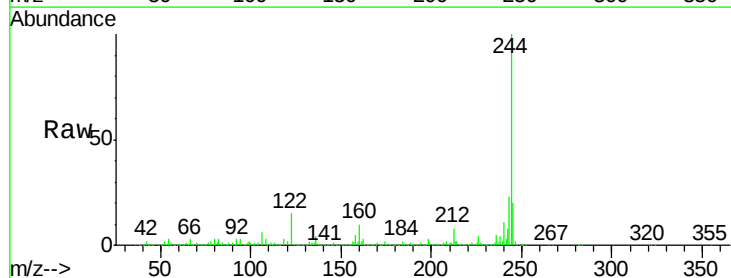
Tgt Ion:244 Resp: 6515348

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

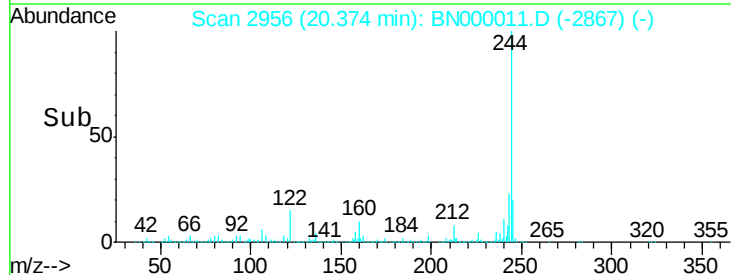
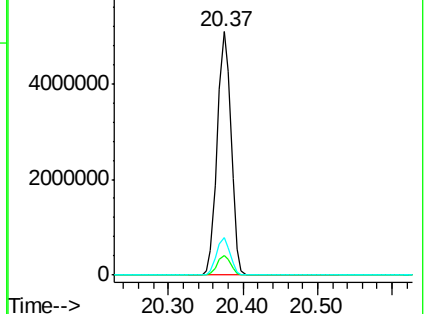
122 15.5 7.0 10.4#

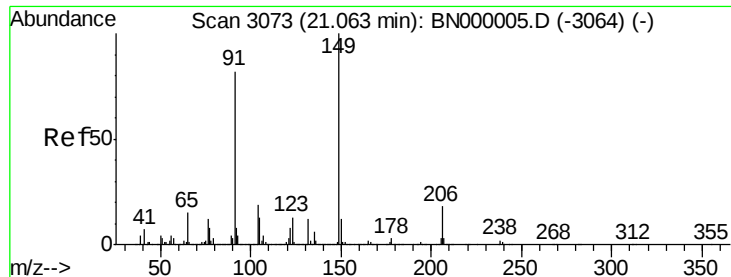


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

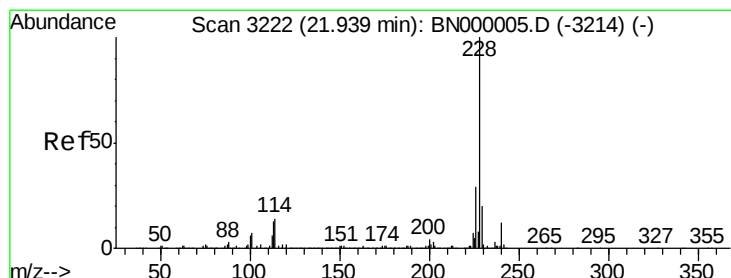
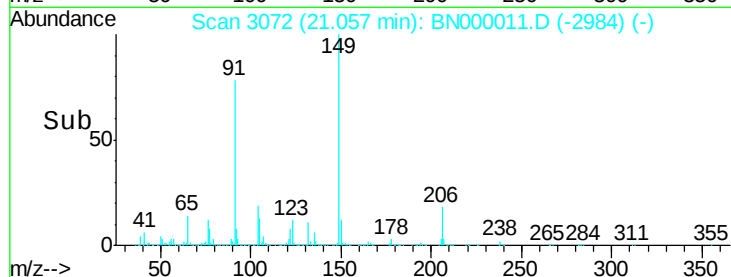
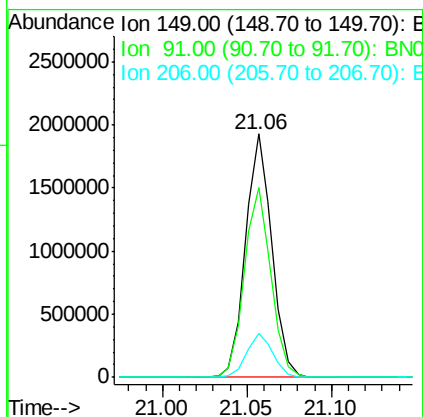
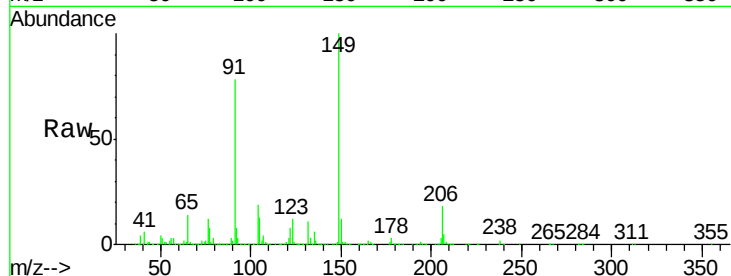




#79
Butylbenzylphthalate
Concen: 36.231 ng
RT: 21.06 min Scan# 3072
Delta R.T. -0.01 min
Lab File: BN000011.D
Acq: 05 Feb 2018 10:24

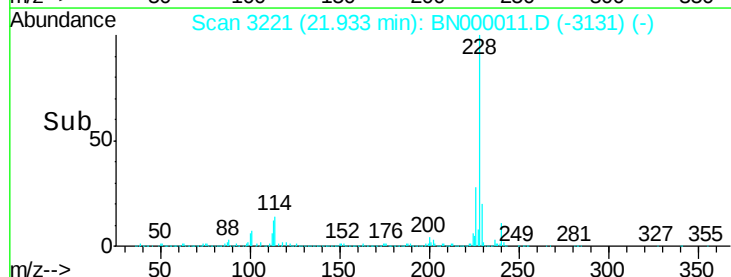
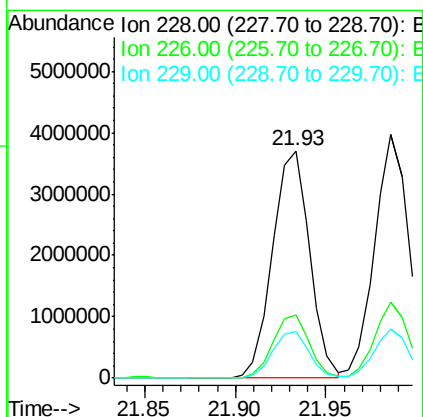
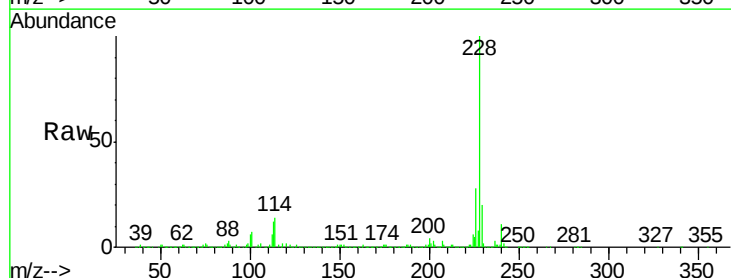
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

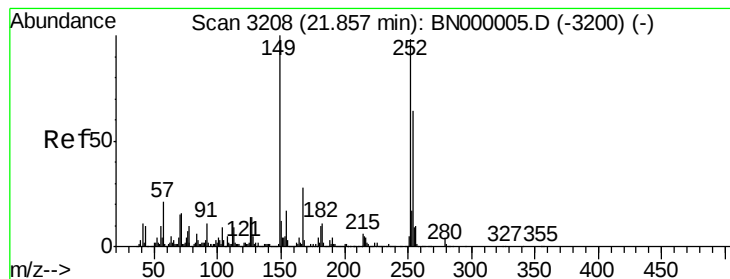
Tot Ion:149 Resp: 2083676
Ion Ratio Lower Upper
149 100
91 77.9 62.2 93.2
206 18.2 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 41.367 ng
RT: 21.93 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BN000011.D
Acq: 05 Feb 2018 10:24

Tgt Ion:228 Resp: 5286236
Ion Ratio Lower Upper
228 100
226 27.7 22.7 34.1
229 20.3 16.2 24.2





#81

3,3'-Dichlorobenzidine

Concen: 42.850 ng

RT: 21.85 min Scan# 3207

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

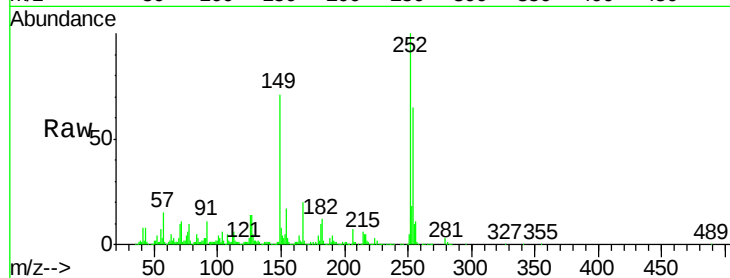
Tot Ion:252 Resp: 1834961

Ion Ratio Lower Upper

252 100

254 64.9 50.8 76.2

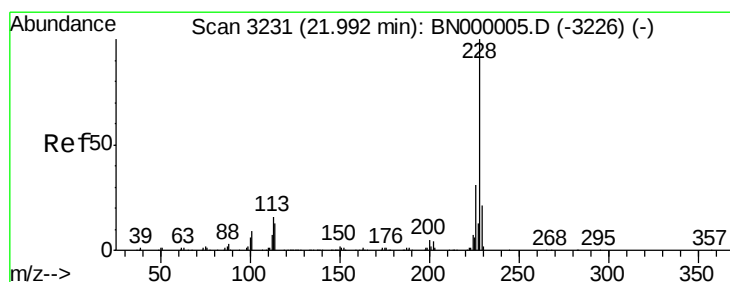
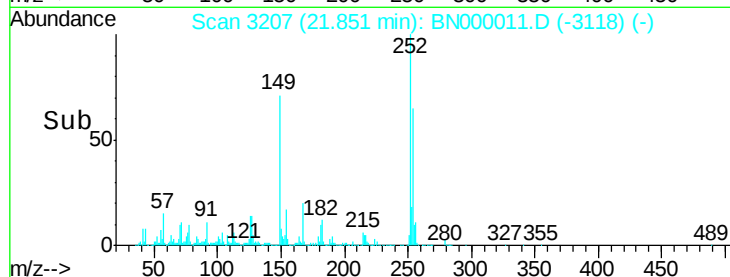
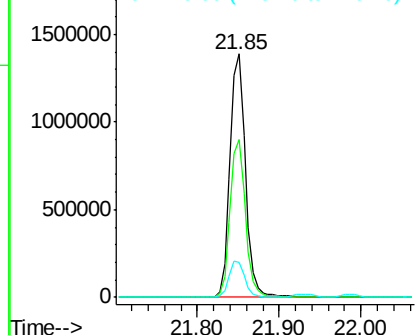
126 14.2 7.4 11.2#



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: 41.246 ng

RT: 21.99 min Scan# 3230

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

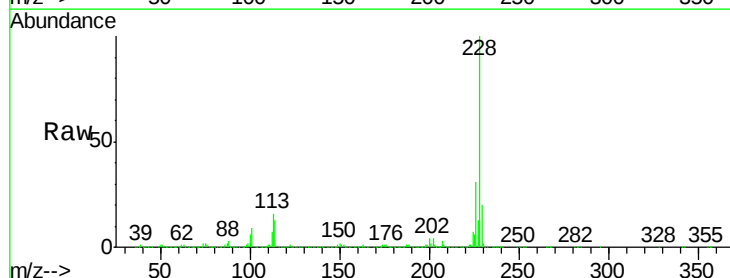
Tgt Ion:228 Resp: 5234714

Ion Ratio Lower Upper

228 100

226 31.4 24.9 37.3

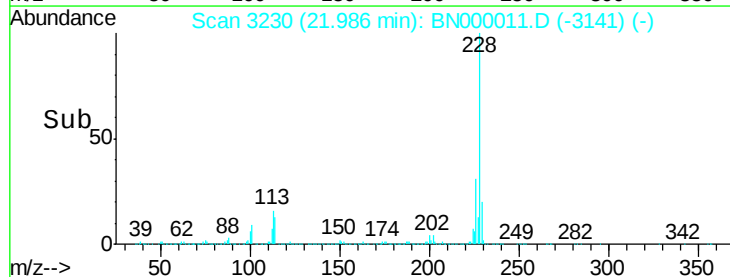
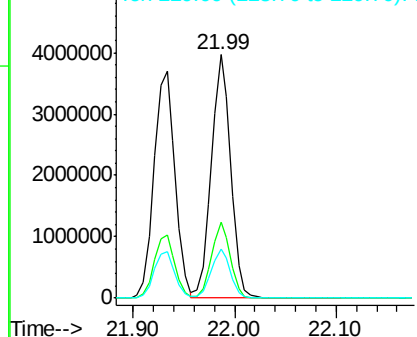
229 20.4 15.0 22.4

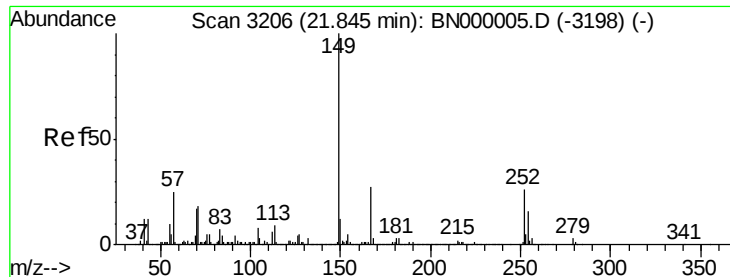


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.038 ng

RT: 21.84 min Scan# 3205

Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

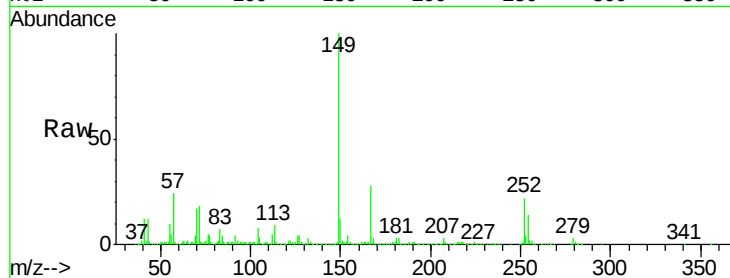
BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 3519714

Ion	Ratio	Lower	Upper
149	100		
167	27.6	24.3	36.5
279	3.3	4.0	6.0

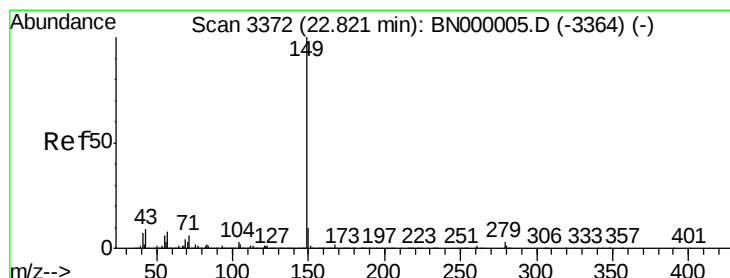
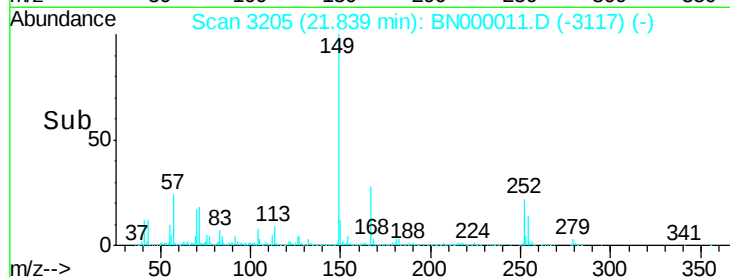
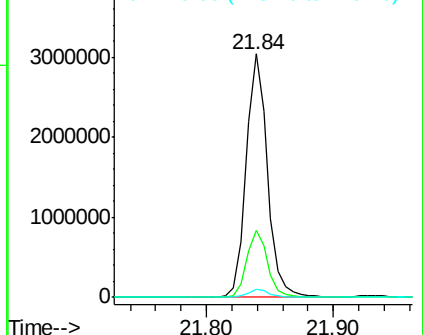


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.367 ng

RT: 22.82 min Scan# 3371

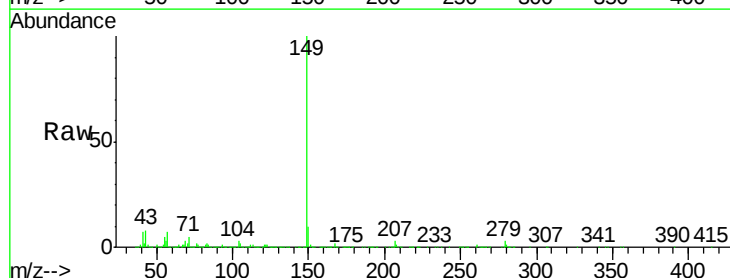
Delta R.T. -0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Tgt Ion:149 Resp: 5603504

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.8	8.9	13.3

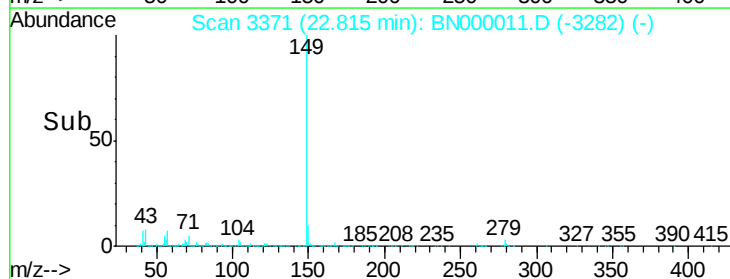
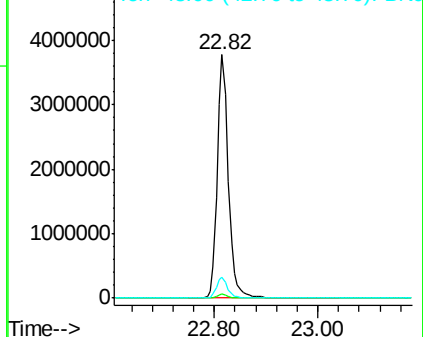


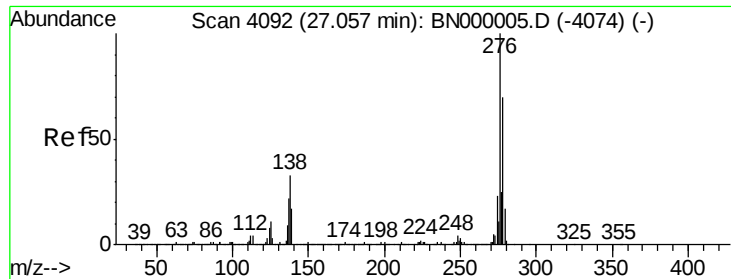
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC

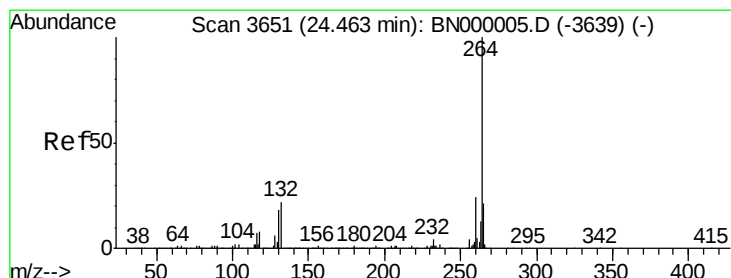
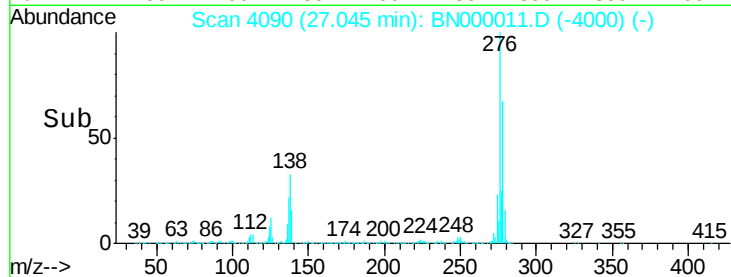
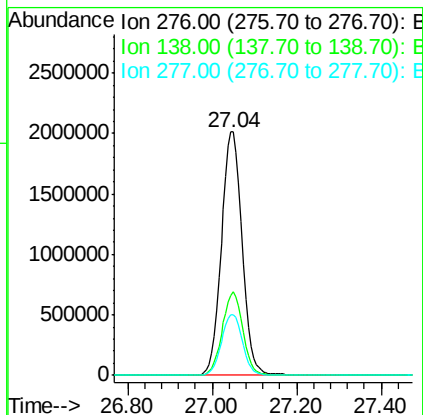
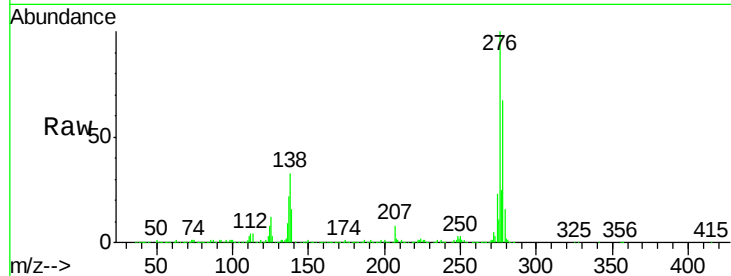




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.071 ng
 RT: 27.04 min Scan# 4090
 Delta R.T. -0.00 min
 Lab File: BN000011.D
 Acq: 05 Feb 2018 10:24

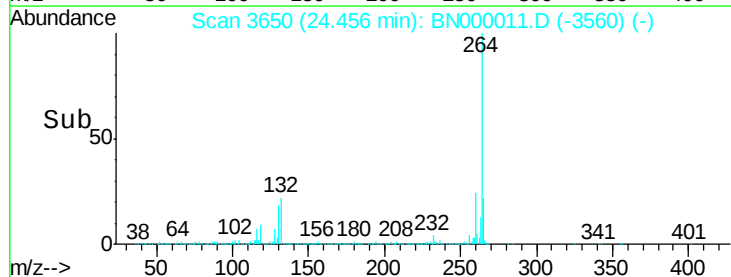
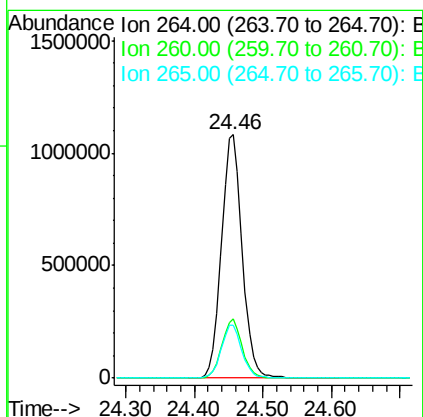
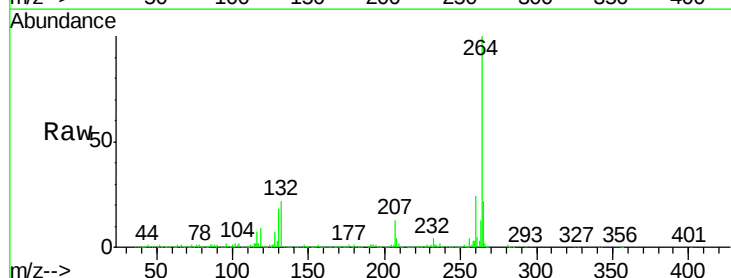
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

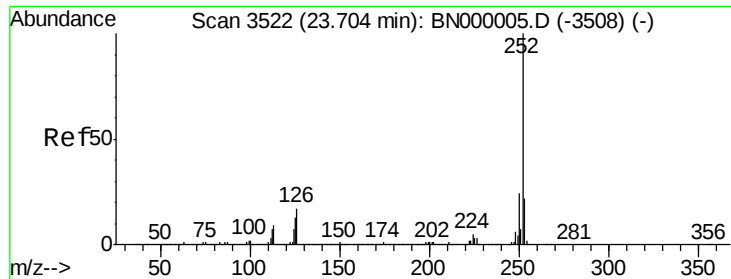
Tot Ion:276 Resp: 6887429
 Ion Ratio Lower Upper
 276 100
 138 34.0 16.0 24.0#
 277 25.5 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.46 min Scan# 3650
 Delta R.T. -0.00 min
 Lab File: BN000011.D
 Acq: 05 Feb 2018 10:24

Tgt Ion:264 Resp: 2265825
 Ion Ratio Lower Upper
 264 100
 260 24.4 17.4 26.0
 265 21.8 17.7 26.5

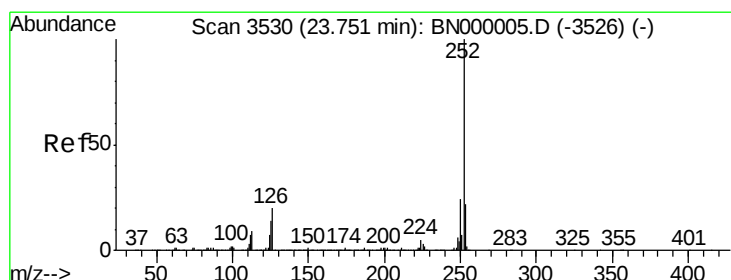
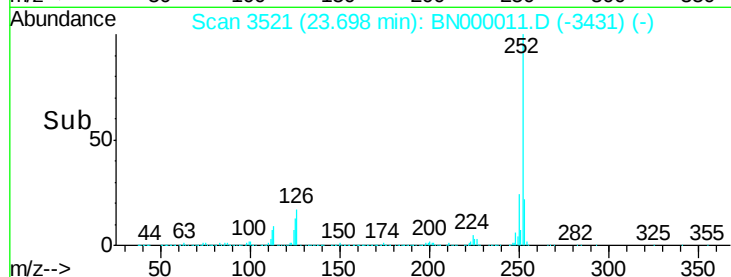
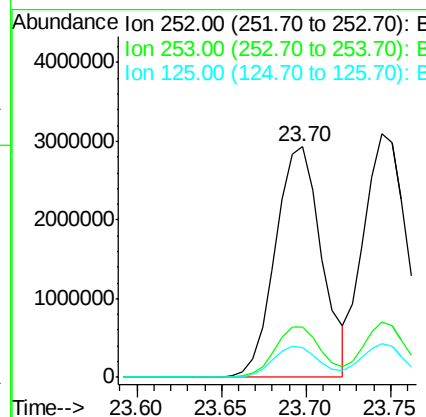
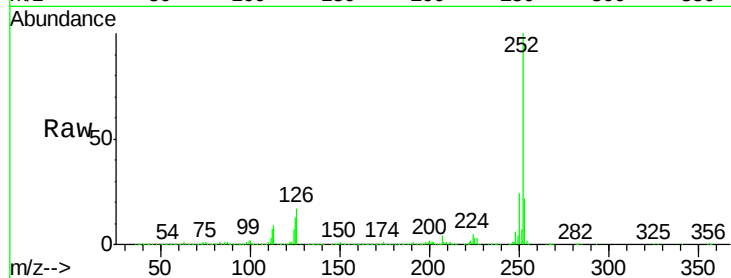




#87
Benzo(b)fluoranthene
Concen: 41.274 ng
RT: 23.70 min Scan# 3521
Delta R.T. -0.00 min
Lab File: BN000011.D
Acq: 05 Feb 2018 10:24

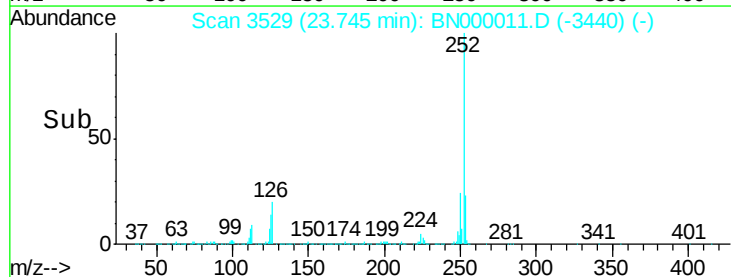
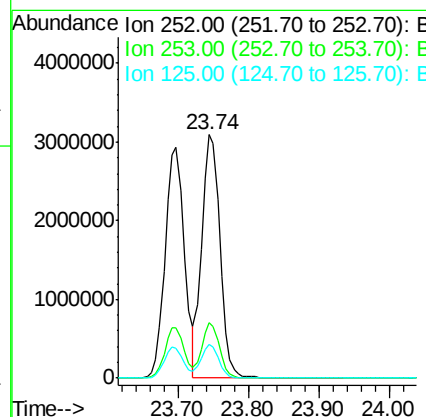
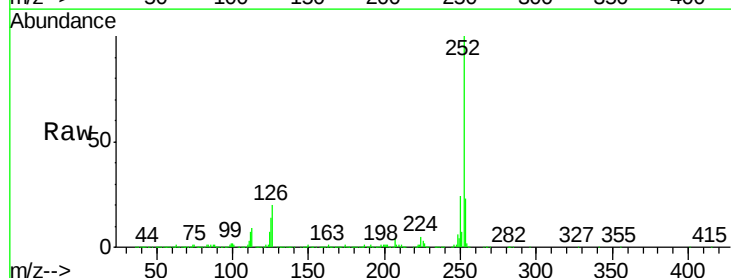
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

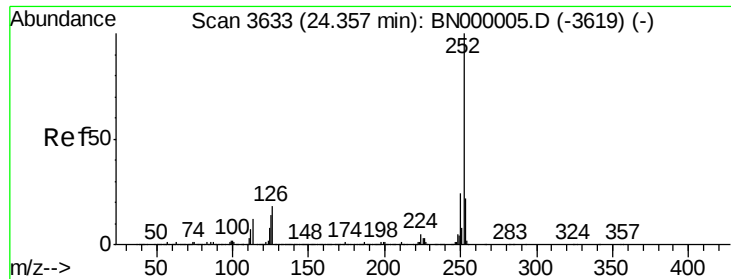
Tot Ion:252 Resp: 5560523
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 13.2 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 41.426 ng
RT: 23.74 min Scan# 3529
Delta R.T. -0.01 min
Lab File: BN000011.D
Acq: 05 Feb 2018 10:24

Tgt Ion:252 Resp: 5595735
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 13.9 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 41.314 ng

RT: 24.35 min Scan# 3632

Delta R.T. -0.00 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

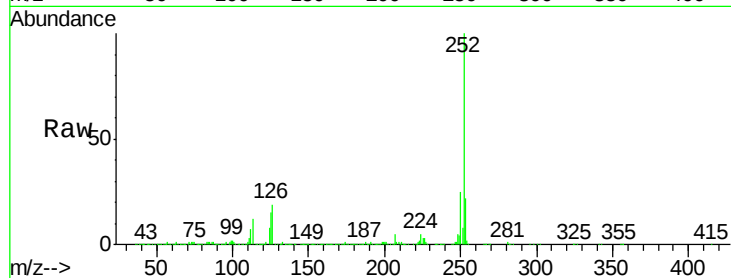
Tot Ion:252 Resp: 5407049

Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

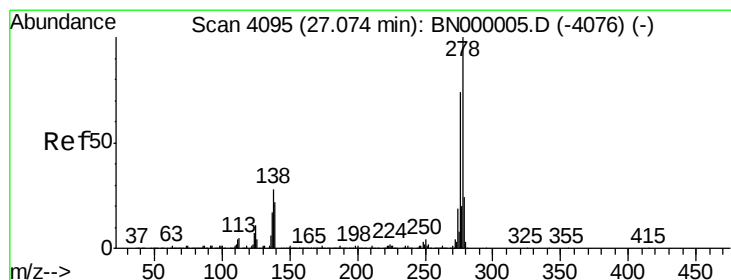
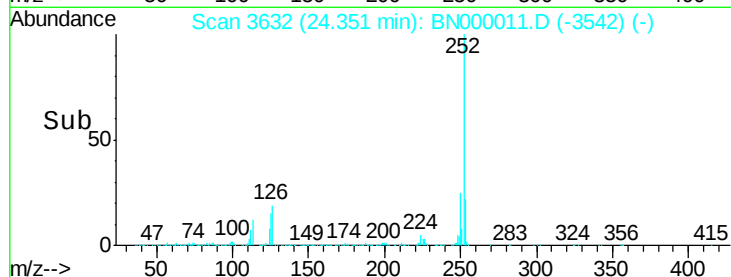
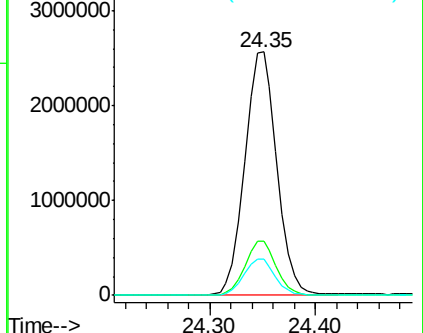
125 14.8 7.3 10.9#



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: 42.153 ng

RT: 27.06 min Scan# 4093

Delta R.T. -0.00 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

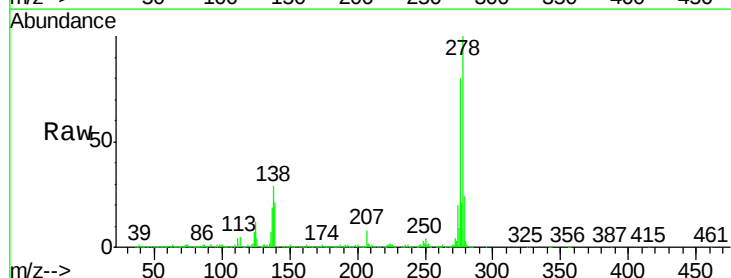
Tgt Ion:278 Resp: 5774369

Ion Ratio Lower Upper

278 100

139 21.5 9.8 14.6#

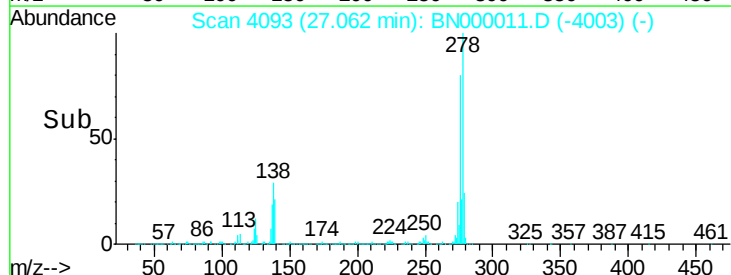
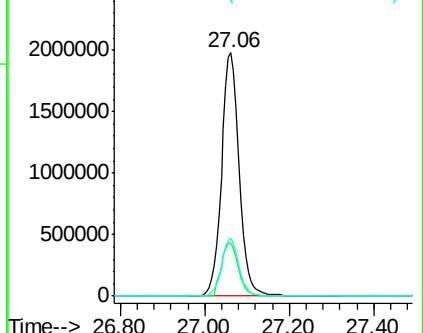
279 23.8 18.4 27.6

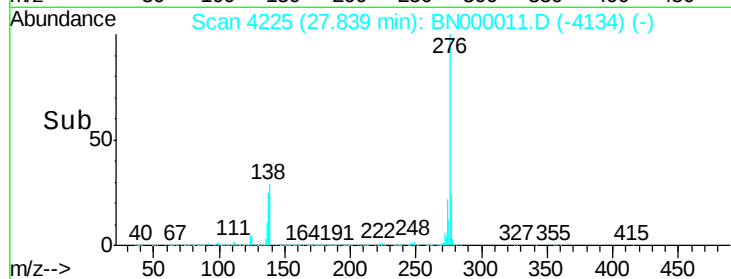
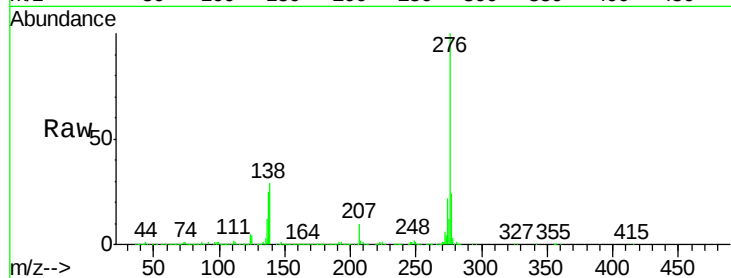
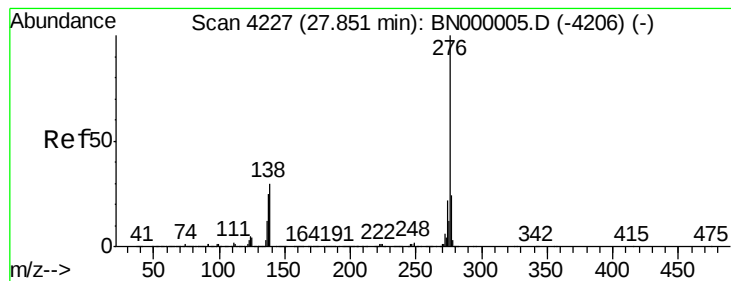


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.134 ng

RT: 27.84 min Scan# 4225

Delta R.T. 0.01 min

Lab File: BN000011.D

Acq: 05 Feb 2018 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 5865992

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.3	27.5
138	29.0	13.9	20.9

