

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
 Data File : BN000048.D
 Acq On : 07 Feb 2018 22:40
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Feb 08 04:29:05 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	304873	20.00	ng	0.00
21) Naphthalene-d8	11.31	136	1507429	20.00	ng	0.00
38) Acenaphthene-d10	15.08	164	908735	20.00	ng	0.00
63) Phenanthrene-d10	17.80	188	1995909	20.00	ng	0.00
75) Chrysene-d12	21.92	240	2240005	20.00	ng	0.00
86) Perylene-d12	24.40	264	2446243	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	1557237	83.25	ng	0.00
7) Phenol-d6	7.59	99	2427089	85.65	ng	0.00
23) Nitrobenzene-d5	9.65	82	2185939	86.22	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	761009	84.60	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	5493604	85.20	ng	0.00
78) Terphenyl-d14	20.36	244	7159242	86.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	302480	40.184	ng	95
3) Pyridine	4.10	79	1000528	42.701	ng	98
4) n-Nitrosodimethylamine	4.00	42	272118	41.067	ng	# 94
6) Aniline	7.77	93	1638441	41.970	ng	90
8) 2-Chlorophenol	8.02	128	918041	41.966	ng	86
9) Benzaldehyde	7.58	77	727197	41.252	ng	87
10) Phenol	7.62	94	1267582	42.378	ng	86
11) bis(2-Chloroethyl)ether	7.87	93	1002850	40.765	ng	# 82
12) 1,3-Dichlorobenzene	8.36	146	1011130	40.678	ng	98
13) 1,4-Dichlorobenzene	8.50	146	1040707	40.999	ng	97
14) 1,2-Dichlorobenzene	8.83	146	1035745	41.451	ng	98
15) Benzyl Alcohol	8.70	79	846679	41.572	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.99	45	1073871	41.241	ng	80
17) 2-Methylphenol	8.90	107	907312	42.685	ng	93
18) Hexachloroethane	9.57	117	360003	40.741	ng	# 80
19) n-Nitroso-di-n-propylamine	9.28	70	784474	41.315	ng	# 82
20) 3+4-Methylphenols	9.23	107	1273072	42.823	ng	92
22) Acetophenone	9.30	105	1795676	42.510	ng	# 87
24) Nitrobenzene	9.69	77	1194473	43.095	ng	# 93
25) Isophorone	10.21	82	2232720	42.601	ng	96
26) 2-Nitrophenol	10.41	139	394685	36.734	ng	90
27) 2,4-Dimethylphenol	10.45	122	955015	42.032	ng	94
28) bis(2-Chloroethoxy)methane	10.69	93	1402627	41.729	ng	97
29) 2,4-Dichlorophenol	10.94	162	878403	41.774	ng	95
30) 1,2,4-Trichlorobenzene	11.16	180	1010807	41.742	ng	97
31) Naphthalene	11.36	128	3469868	41.987	ng	98
32) Benzoic acid	10.55	122	531959	35.149	ng	89
33) 4-Chloroaniline	11.45	127	1572041	43.302	ng	94
34) Hexachlorobutadiene	11.64	225	519319	41.358	ng	97
35) Caprolactam	12.20	113	363124	40.219	ng	96
36) 4-Chloro-3-methylphenol	12.54	107	1125665	42.165	ng	96
37) 2-Methylnaphthalene	12.93	142	2454036	42.678	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	1113193	41.502	ng	# 96
40) Hexachlorocyclopentadiene	13.27	237	429368	38.401	ng	92

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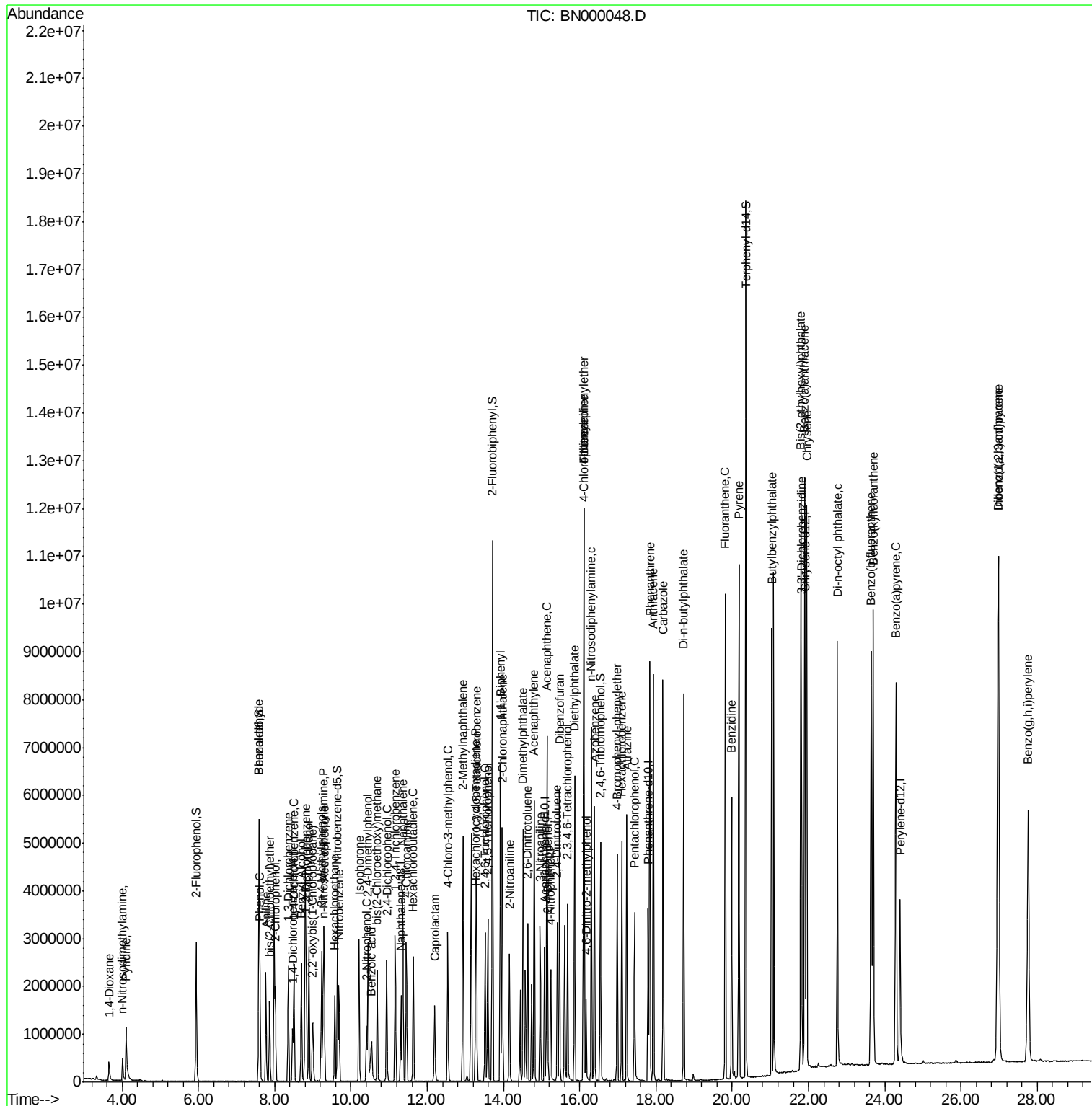
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	667703	41.534	nq	99
43) 2,4,5-Trichlorophenol	13.59	196	810943	41.961	nq	# 93
45) 1,1'-Biphenyl	13.92	154	3367672	42.078	nq	98
46) 2-Chloronaphthalene	13.97	162	2533592	42.190	nq	97
47) 2-Nitroaniline	14.16	65	674107	39.260	nq	# 81
48) Acenaphthylene	14.80	152	4219540	43.612	nq	97
49) Dimethylphthalate	14.52	163	3281920	43.203	nq	99
50) 2,6-Dinitrotoluene	14.64	165	661550	42.185	nq	91
51) Acenaphthene	15.14	154	2677330	42.511	nq	98
52) 3-Nitroaniline	14.96	138	815215	42.765	nq	# 90
53) 2,4-Dinitrophenol	15.16	184	173839	36.877	nq	# 21
54) Dibenzofuran	15.47	168	3795686	42.556	nq	96
55) 4-Nitrophenol	15.24	139	596795	40.803	nq	# 85
56) 2,4-Dinitrotoluene	15.42	165	892183	40.461	nq	# 91
57) Fluorene	16.11	166	3135288	43.050	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.68	232	655040	42.947	nq	# 84
59) Diethylphthalate	15.86	149	3394933	43.978	nq	97
60) 4-Chlorophenyl-phenylether	16.10	204	1401065	42.215	nq	93
61) 4-Nitroaniline	16.12	138	868099	44.321	nq	90
62) Azobenzene	16.39	77	3388282	44.092	nq	90
64) 4,6-Dinitro-2-methylphenol	16.17	198	324217	36.792	nq	88
65) n-Nitrosodiphenylamine	16.30	169	2771834	42.680	nq	98
66) 4-Bromophenyl-phenylether	16.99	248	790599	41.654	nq	# 87
67) Hexachlorobenzene	17.10	284	926188	41.785	nq	# 88
68) Atrazine	17.23	200	888987	42.059	nq	94
69) Pentachlorophenol	17.44	266	540798	38.683	nq	99
70) Phenanthrene	17.84	178	5013894	42.528	nq	100
71) Anthracene	17.93	178	5005266	43.846	nq	98
72) Carbazole	18.19	167	5096755	44.318	nq	97
73) Di-n-butylphthalate	18.72	149	5631806	44.359	nq	99
74) Fluoranthene	19.82	202	5580702	45.120	nq	94
76) Benzidine	19.98	184	2813730	39.405	nq	95
77) Pyrene	20.17	202	6066848	42.614	nq	98
79) Butylbenzylphthalate	21.03	149	2523165	38.551	nq	97
80) Benzo(a)anthracene	21.90	228	5944788	43.178	nq	99
81) 3,3'-Dichlorobenzidine	21.82	252	2165421	42.820	nq	# 96
82) Chrysene	21.96	228	5805269	42.311	nq	99
83) Bis(2-ethylhexyl)phthalate	21.80	149	3997416	40.375	nq	# 95
84) Di-n-octyl phthalate	22.76	149	6336887	38.910	nq	# 94
85) Indeno(1,2,3-cd)pyrene	26.97	276	7687284	45.610	nq	# 87
87) Benzo(b)fluoranthene	23.64	252	6049987	42.253	nq	# 96
88) Benzo(k)fluoranthene	23.70	252	6370605	44.175	nq	# 95
89) Benzo(a)pyrene	24.30	252	6007947	43.754	nq	# 94
90) Dibenzo(a,h)anthracene	26.99	278	6441892	44.862	nq	# 91
91) Benzo(g,h,i)perylene	27.76	276	6432180	44.298	nq	# 87

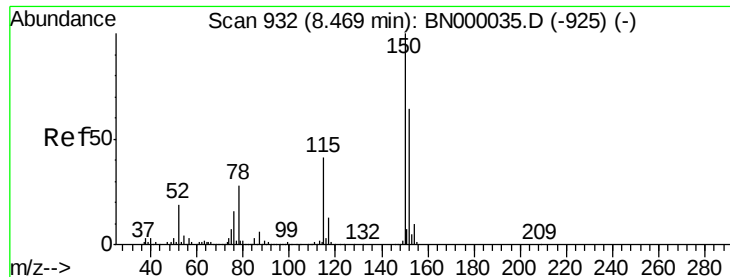
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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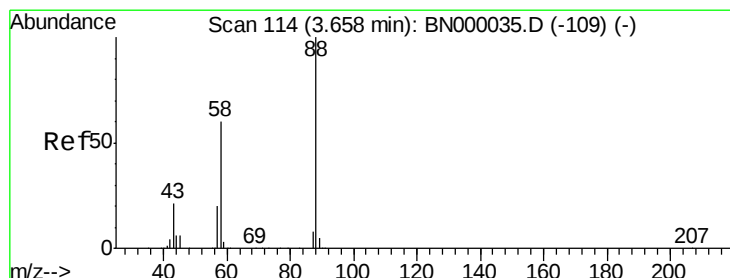
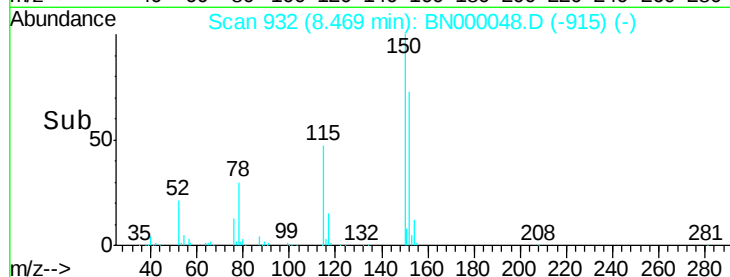
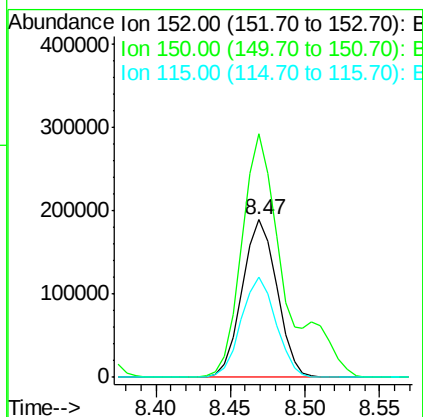
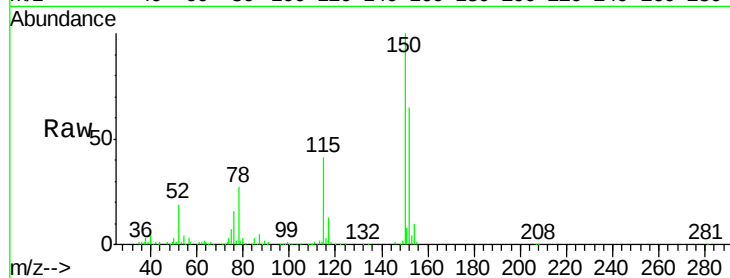


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.47 min Scan# 932
Delta R.T. 0.00 min
Lab File: BN000048.D
Acq: 07 Feb 2018 22:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

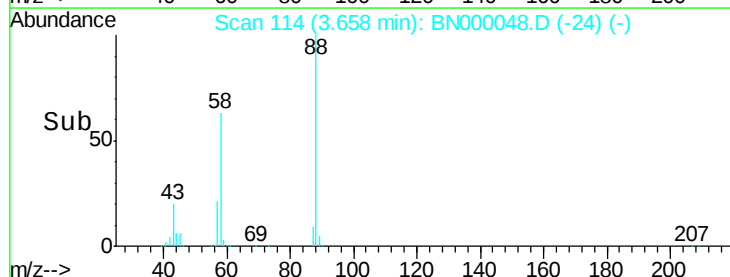
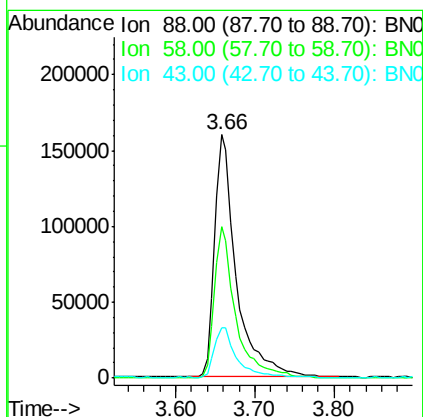
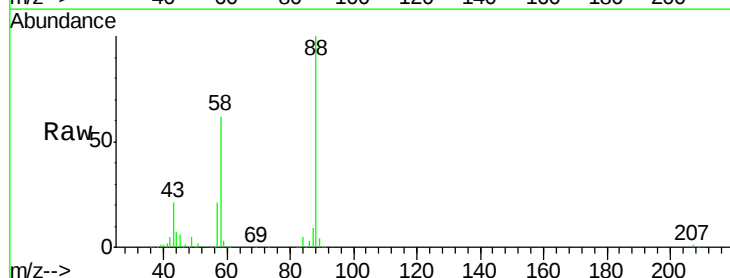
Tot Ion:152 Resp: 304873
Ion Ratio Lower Upper
152 100
150 154.4 126.6 189.8
115 63.7 53.0 79.4

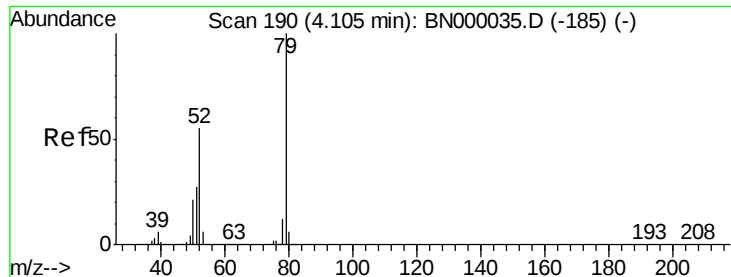


#2

1,4-Dioxane
Concen: 40.184 ng
RT: 3.66 min Scan# 114
Delta R.T. 0.00 min
Lab File: BN000048.D
Acq: 07 Feb 2018 22:40

Tgt Ion: 88 Resp: 302480
Ion Ratio Lower Upper
88 100
58 61.8 52.0 78.0
43 21.4 20.0 30.0





#3

Pvridine

Concen: 42.701 ng

RT: 4.10 min Scan# 190

Delta R.T. 0.00 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

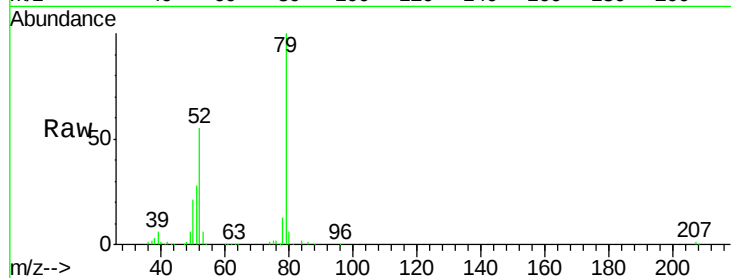
Tot Ion: 79 Resp: 1000528

Ion Ratio Lower Upper

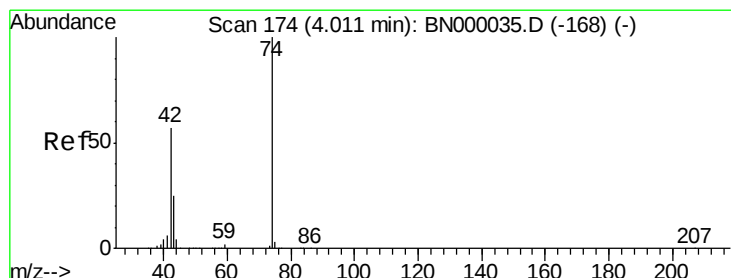
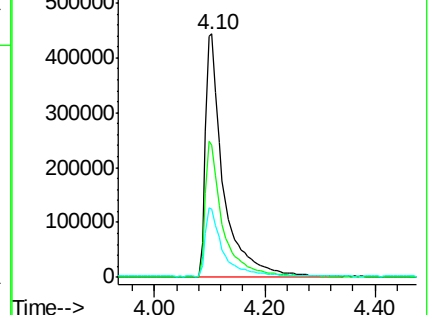
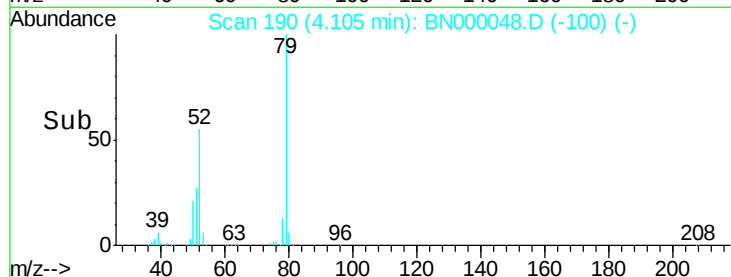
79 100

52 54.6 44.0 66.0

51 27.9 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: 41.067 ng

RT: 4.00 min Scan# 173

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

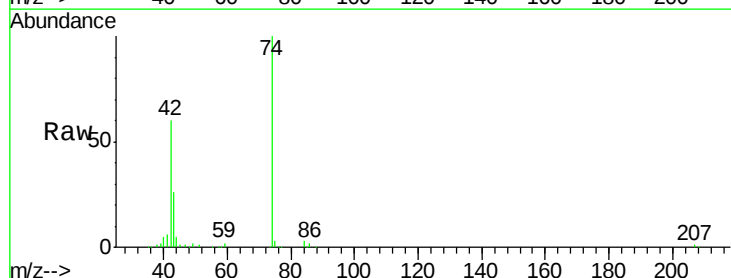
Tgt Ion: 42 Resp: 272118

Ion Ratio Lower Upper

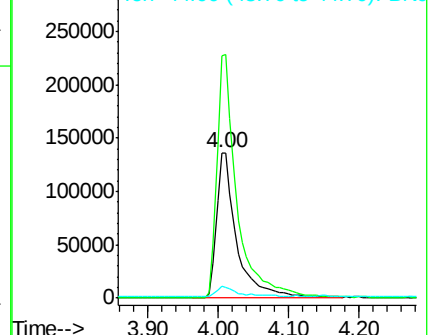
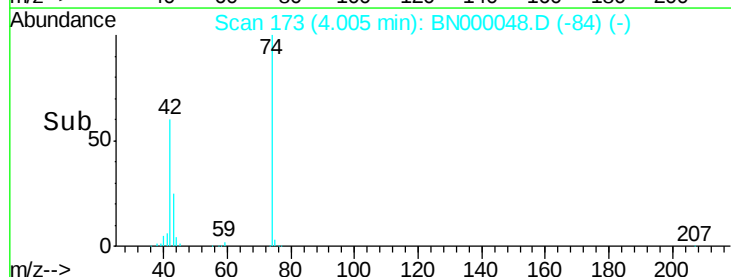
42 100

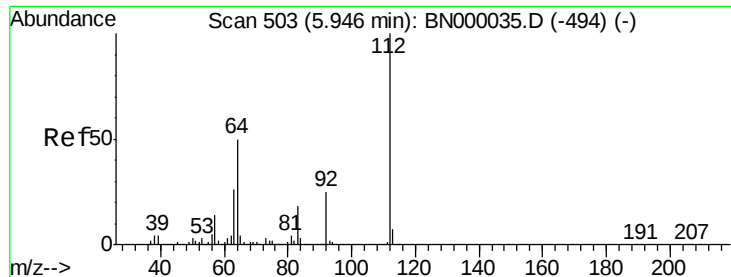
74 166.4 128.0 192.0

44 8.3 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: 83.246 ng

RT: 5.94 min Scan# 502

Delta R.T. -0.01 min

Lab File: BN000048.D

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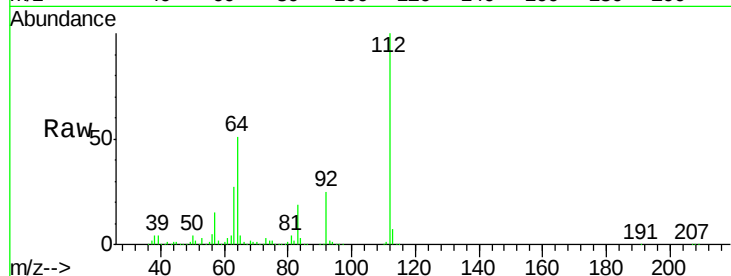
Tot Ion:112 Resp: 1557237

Ion Ratio Lower Upper

112 100

64 51.2 56.3 84.5#

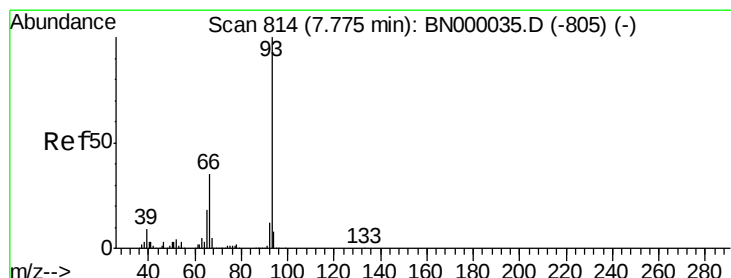
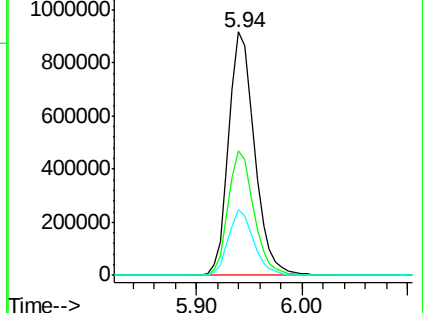
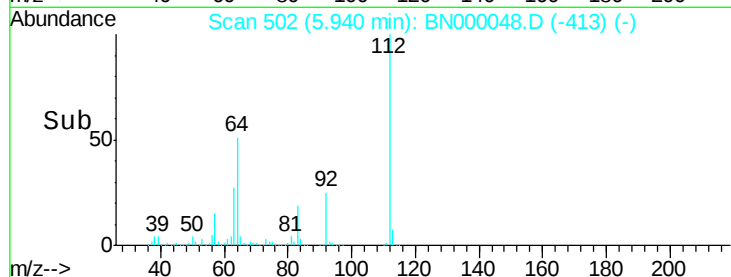
63 26.8 30.1 45.1#



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: 41.970 ng

RT: 7.77 min Scan# 813

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

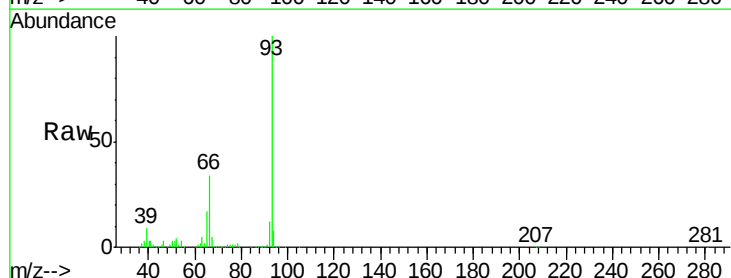
Tgt Ion: 93 Resp: 1638441

Ion Ratio Lower Upper

93 100

66 34.4 33.7 50.5

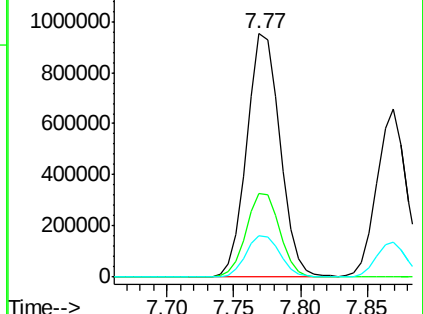
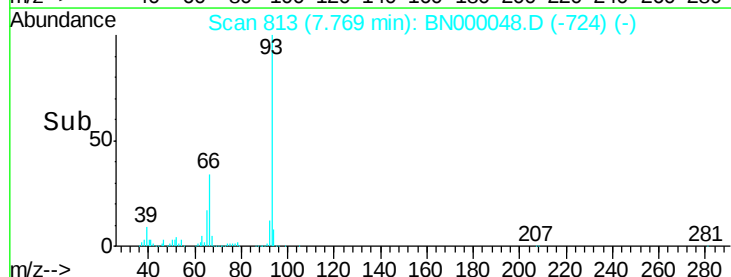
65 17.2 16.1 24.1

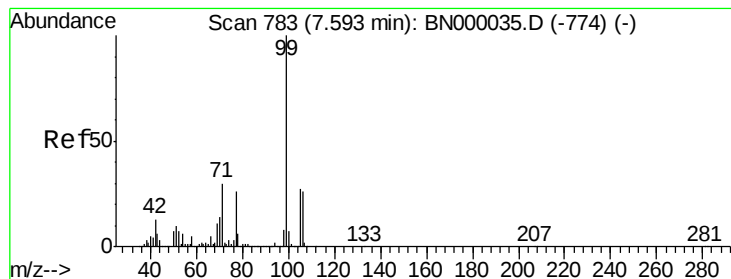


Abundance Ion 93.00 (92.70 to 93.70): BNO

Ion 66.00 (65.70 to 66.70): BNO

Ion 65.00 (64.70 to 65.70): BNO





#7

Phenol-d6

Concen: 85.654 ng

RT: 7.59 min Scan# 782

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

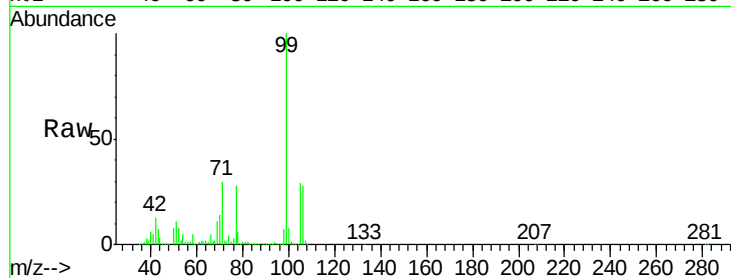
BNA_N

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 2427089

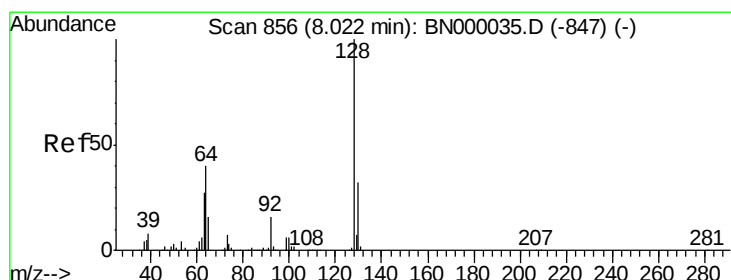
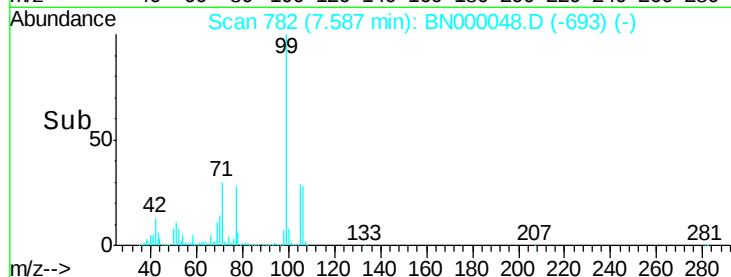
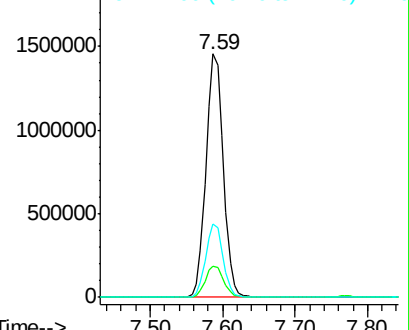
Ion	Ratio	Lower	Upper
99	100		
42	13.0	14.1	21.1#
71	30.1	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BN000035.D (-774) (-)

Ion 42.00 (41.70 to 42.70): BN000035.D (-774) (-)

Ion 71.00 (70.70 to 71.70): BN000035.D (-774) (-)



#8

2-Chlorophenol

Concen: 41.966 ng

RT: 8.02 min Scan# 856

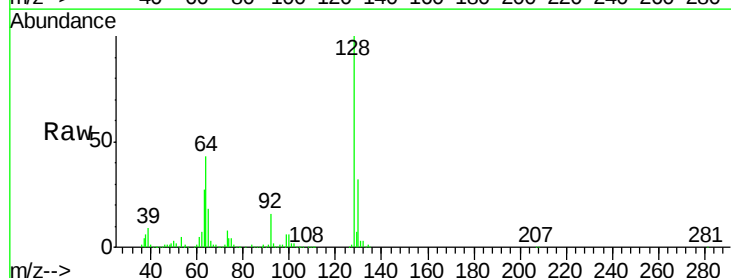
Delta R.T. 0.00 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Tgt Ion: 128 Resp: 918041

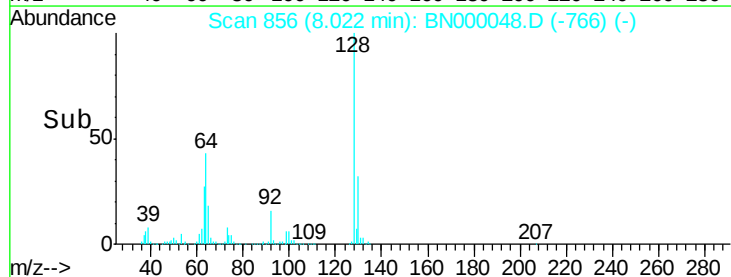
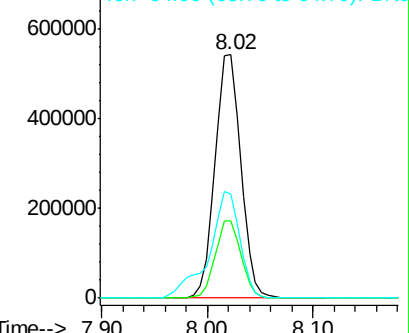
Ion	Ratio	Lower	Upper
128	100		
130	31.8	14.0	54.0
64	42.7	37.7	77.7

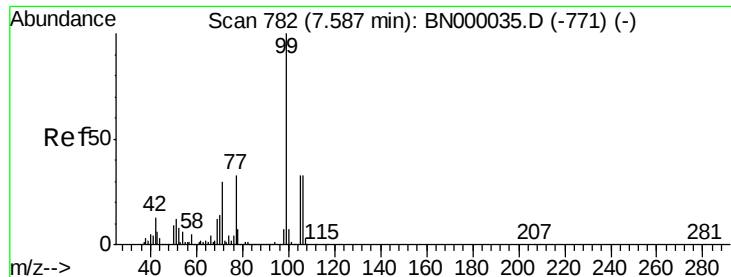


Abundance Ion 128.00 (127.70 to 128.70): BN000035.D (-847) (-)

Ion 130.00 (129.70 to 130.70): BN000035.D (-847) (-)

Ion 64.00 (63.70 to 64.70): BN000035.D (-847) (-)





#9

Benzaldehyde

Concen: 41.252 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

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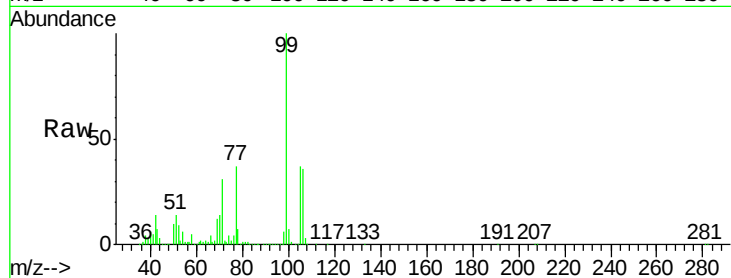
Tot Ion: 77 Resp: 727197

Ion Ratio Lower Upper

77 100

105 101.8 71.3 111.3

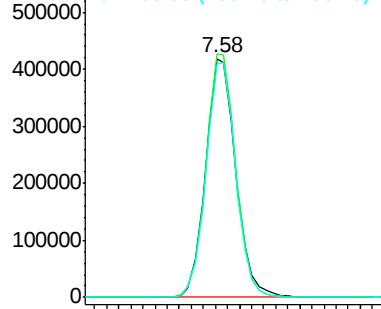
106 97.7 64.2 104.2



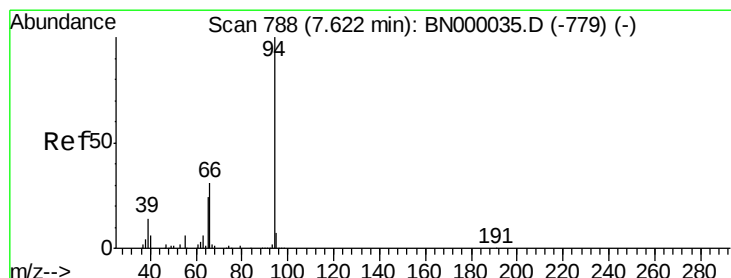
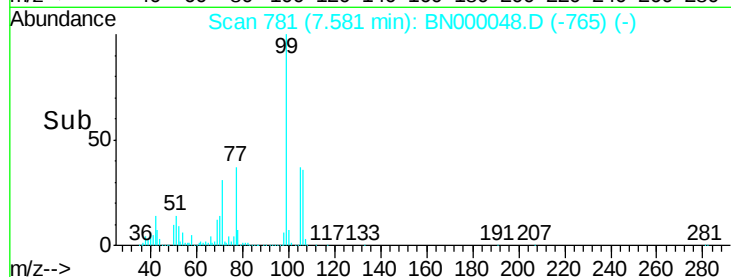
Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



Time-->



#10

Phenol

Concen: 42.378 ng

RT: 7.62 min Scan# 787

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

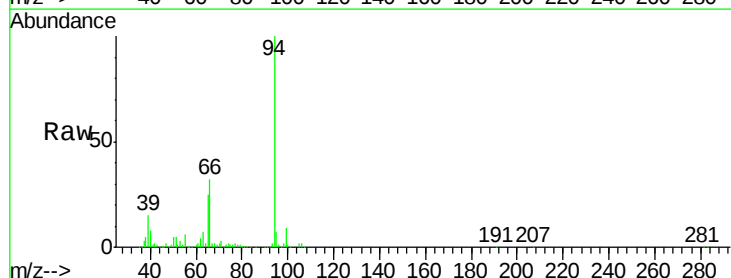
Tgt Ion: 94 Resp: 1267582

Ion Ratio Lower Upper

94 100

65 24.7 11.9 51.9

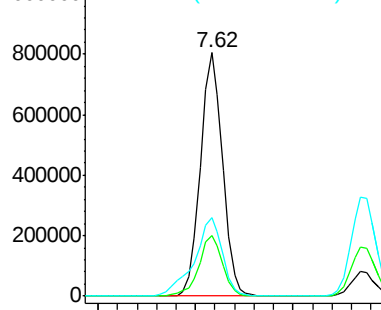
66 32.4 22.2 62.2



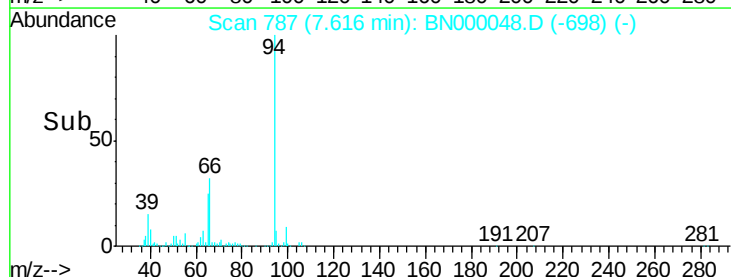
Abundance Ion 94.00 (93.70 to 94.70): BN0

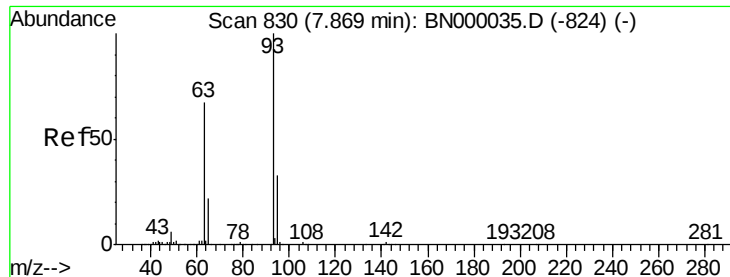
Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0



Time-->

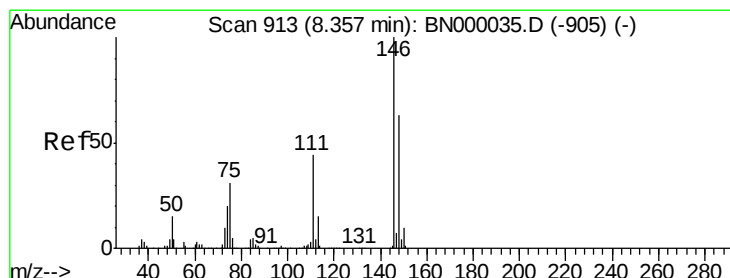
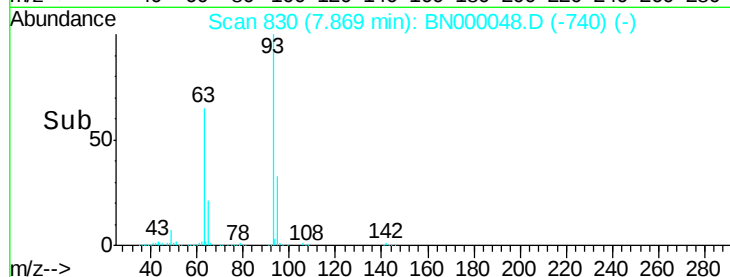
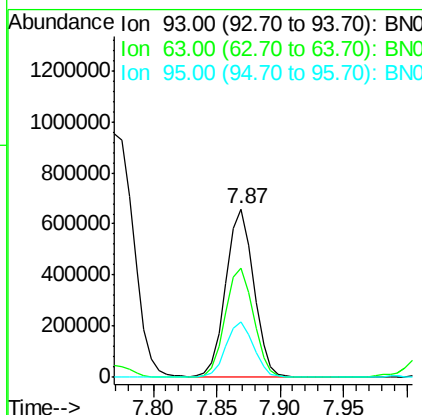
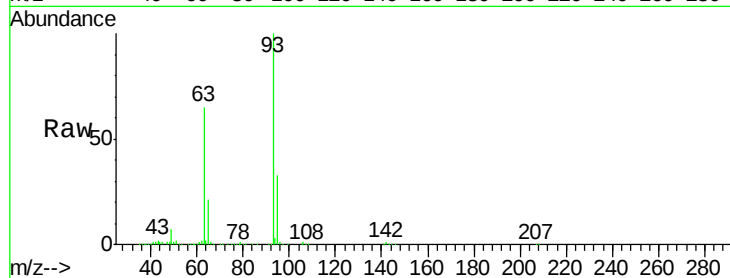




#11
bis(2-Chloroethyl)ether
Concen: 40.765 ng
RT: 7.87 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN000048.D
Acq: 07 Feb 2018 22:40

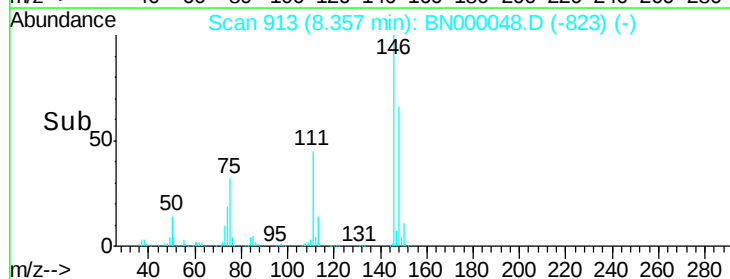
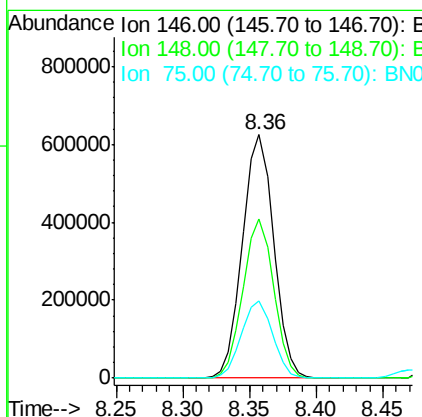
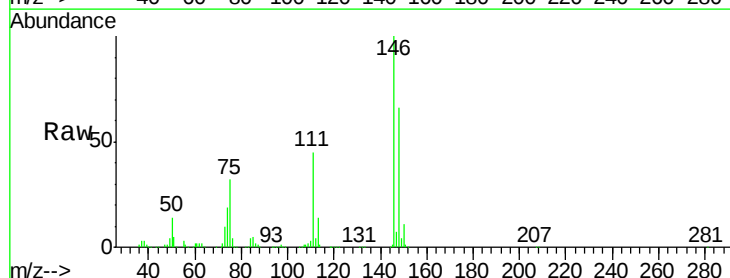
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

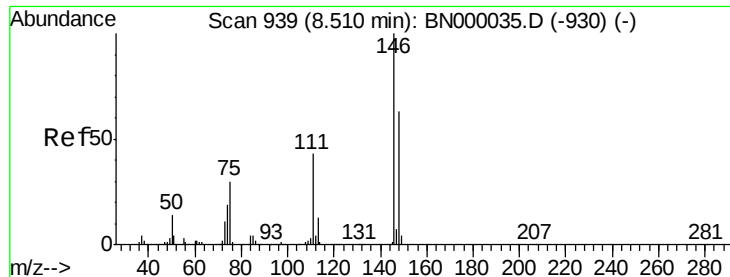
Tot Ion: 93 Resp: 1002850
Ion Ratio Lower Upper
93 100
63 64.9 67.1 107.1#
95 32.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 40.678 ng
RT: 8.36 min Scan# 913
Delta R.T. 0.00 min
Lab File: BN000048.D
Acq: 07 Feb 2018 22:40

Tgt Ion: 146 Resp: 1011130
Ion Ratio Lower Upper
146 100
148 65.6 51.4 77.2
75 31.9 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 40.999 ng

RT: 8.50 min Scan# 938

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

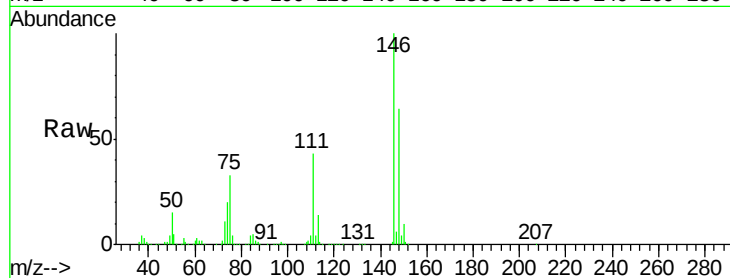
Tot Ion:146 Resp: 1040707

Ion Ratio Lower Upper

146 100

148 63.6 53.7 80.5

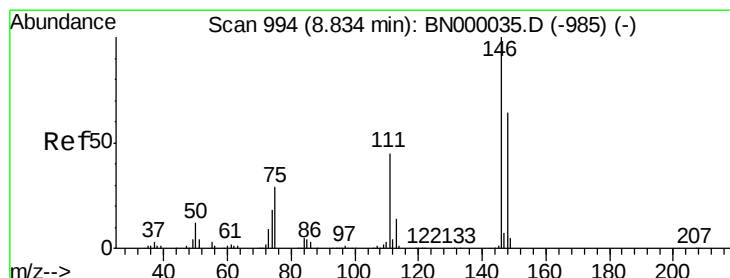
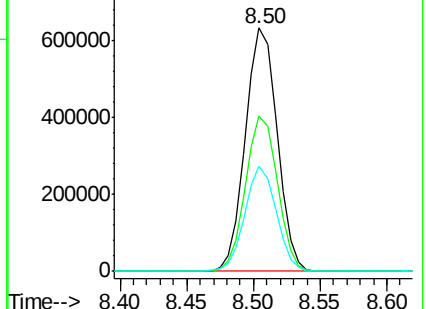
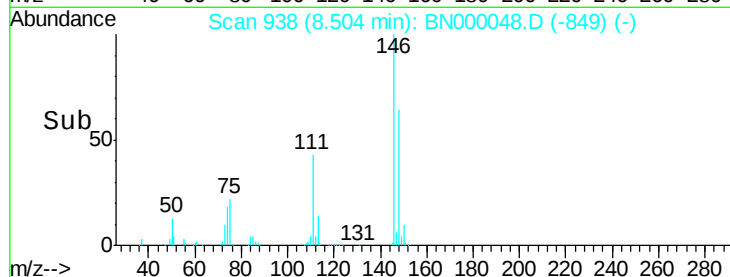
111 43.1 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.451 ng

RT: 8.83 min Scan# 994

Delta R.T. 0.00 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

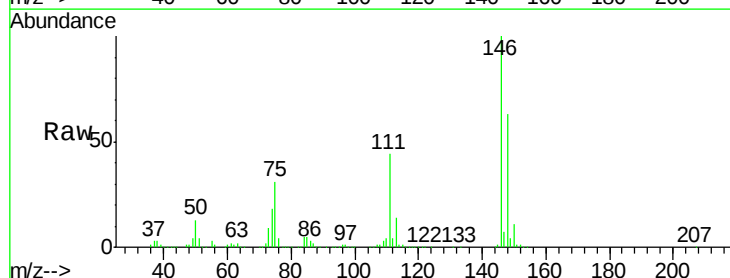
Tgt Ion:146 Resp: 1035745

Ion Ratio Lower Upper

146 100

148 63.4 49.3 73.9

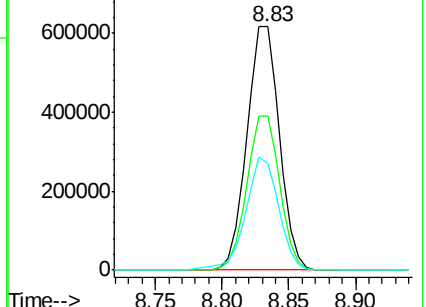
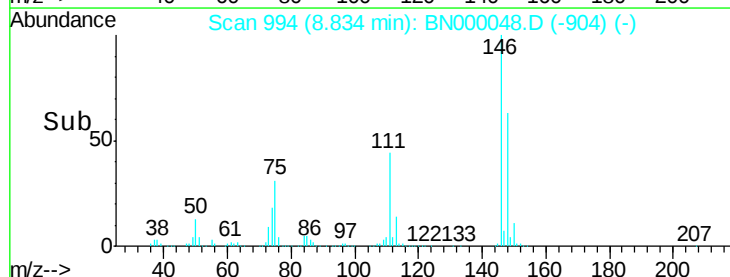
111 43.8 34.3 51.5

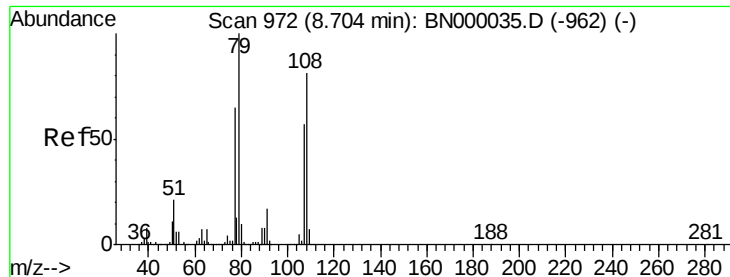


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.572 ng

RT: 8.70 min Scan# 971

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

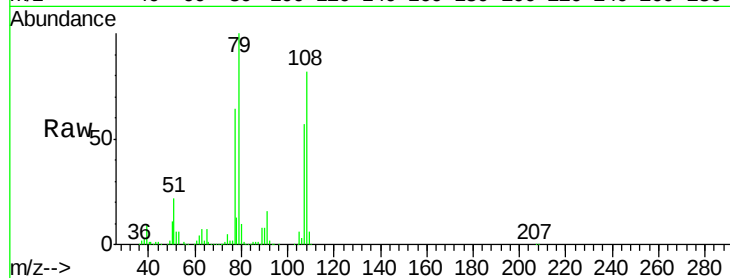
Tot Ion: 79 Resp: 846679

Ion Ratio Lower Upper

79 100

108 82.2 57.2 85.8

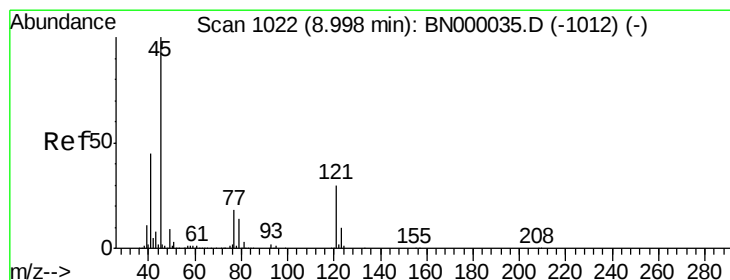
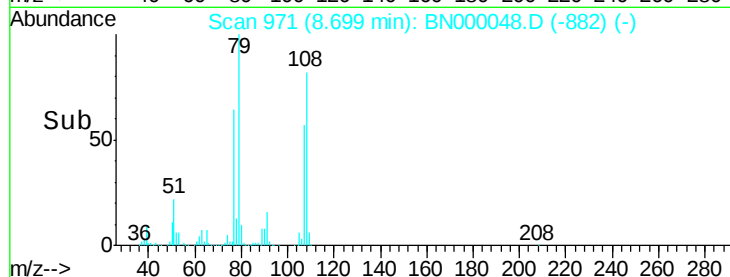
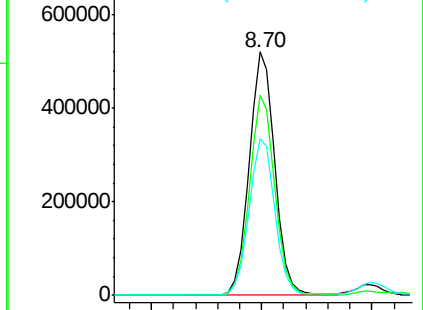
77 64.3 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BN000035.D (-962) (-)

Ion 108.00 (107.70 to 108.70): BN000035.D (-962) (-)

Ion 77.00 (76.70 to 77.70): BN000035.D (-962) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.241 ng

RT: 8.99 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

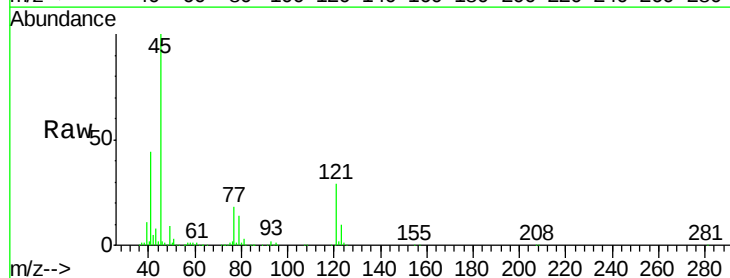
Tgt Ion: 45 Resp: 1073871

Ion Ratio Lower Upper

45 100

77 18.5 0.0 30.2

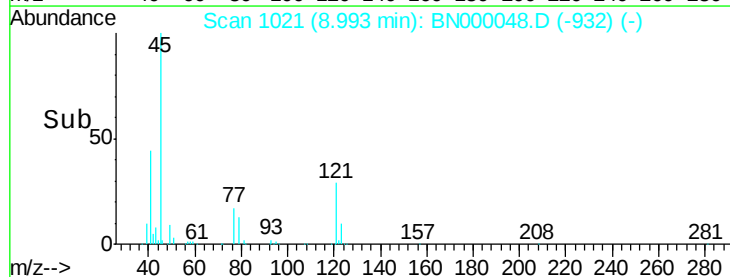
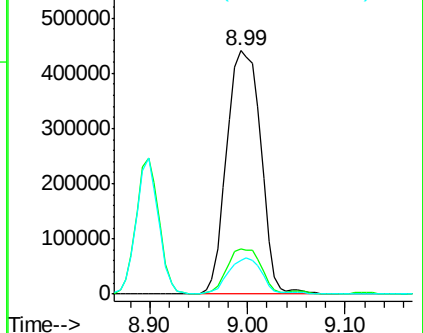
79 13.9 0.0 27.9

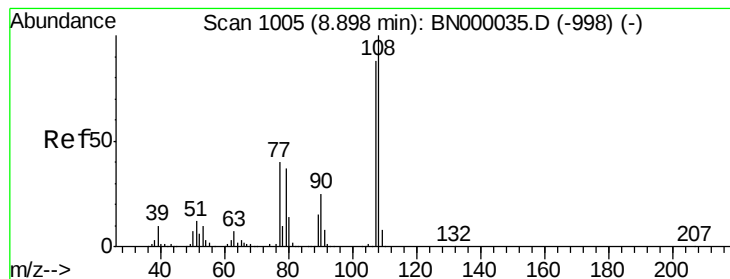


Abundance Ion 45.00 (44.70 to 45.70): BN000035.D (-1012) (-)

Ion 77.00 (76.70 to 77.70): BN000035.D (-1012) (-)

Ion 79.00 (78.70 to 79.70): BN000035.D (-1012) (-)





#17

2-Methylphenol

Concen: 42.685 ng

RT: 8.90 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 907312

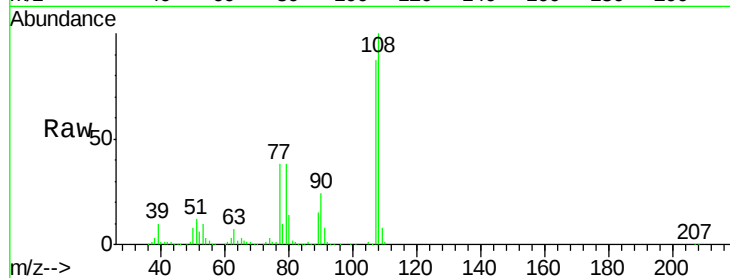
Ion Ratio Lower Upper

107 100

108 115.6 83.9 125.9

77 43.9 37.2 55.8

79 43.8 36.2 54.2

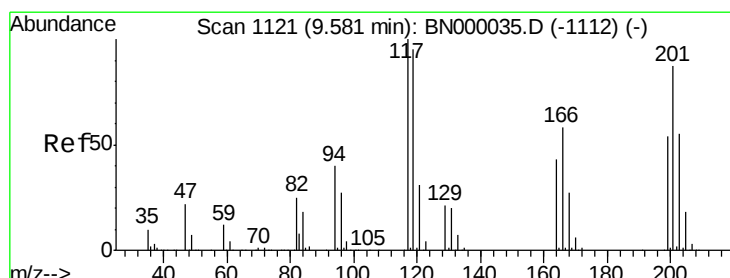
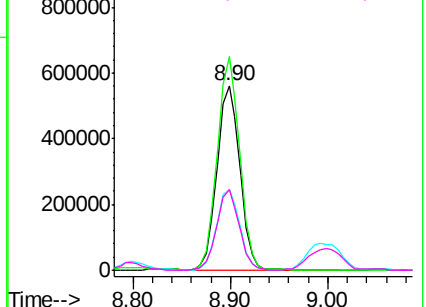
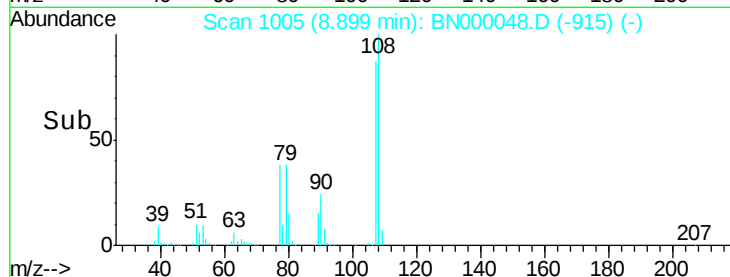


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.741 ng

RT: 9.57 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

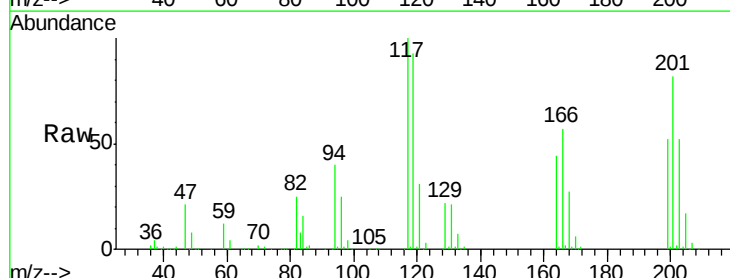
Tgt Ion:117 Resp: 360003

Ion Ratio Lower Upper

117 100

119 93.1 76.7 115.1

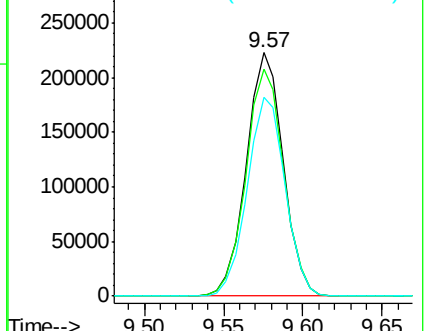
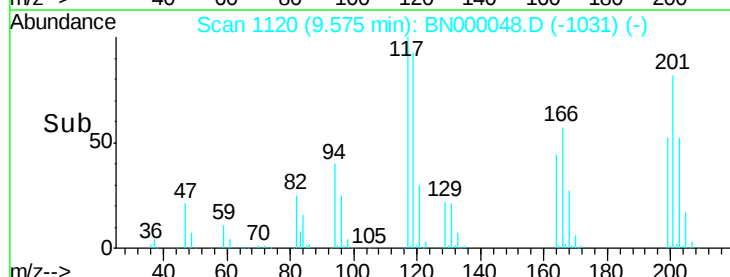
201 81.7 95.7 143.5#

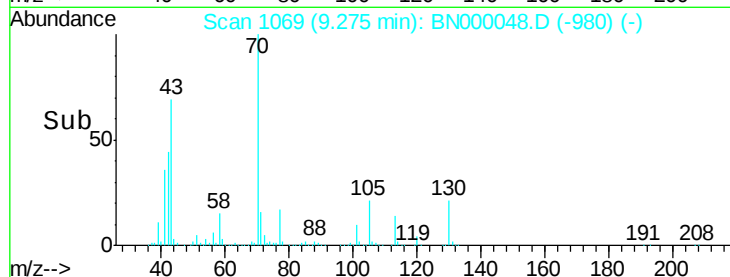
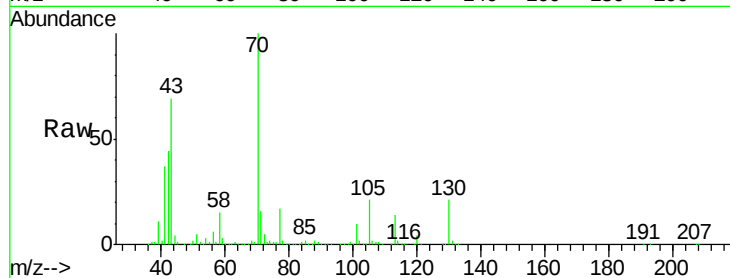
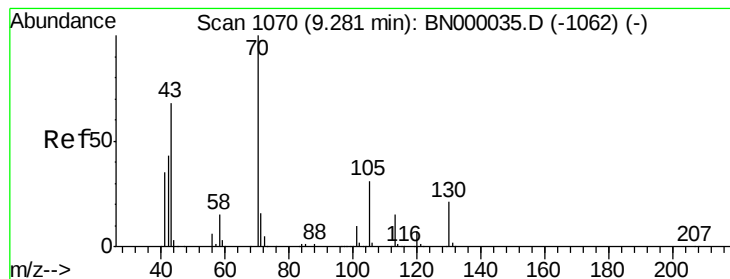


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.315 ng

RT: 9.28 min Scan# 1069

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 784474

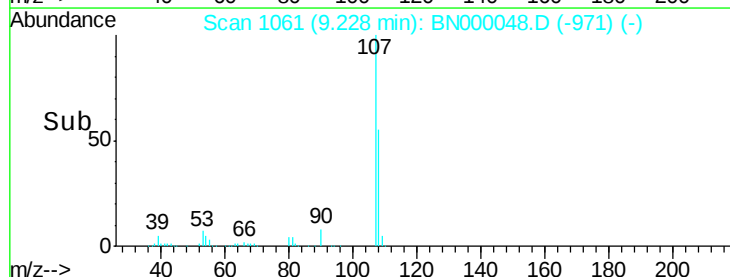
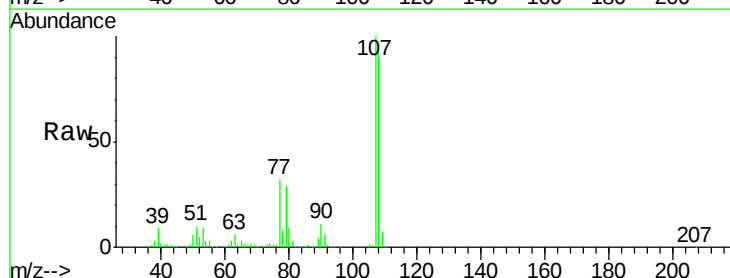
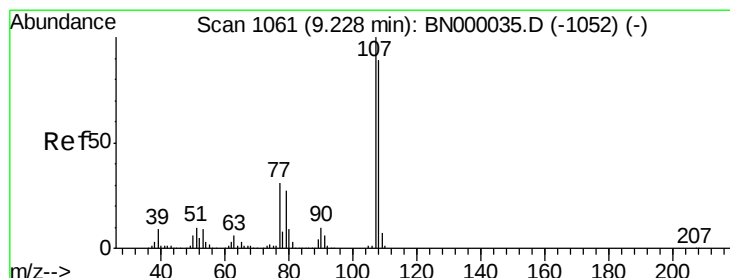
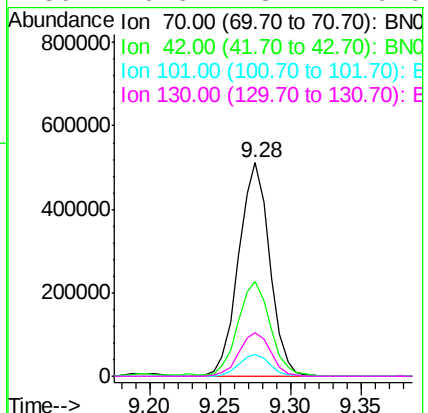
Ion Ratio Lower Upper

70 100

42 44.1 49.1 73.7#

101 10.0 8.5 12.7

130 20.6 13.4 20.0#



#20

3+4-Methylphenols

Concen: 42.823 ng

RT: 9.23 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Tgt Ion: 107 Resp: 1273072

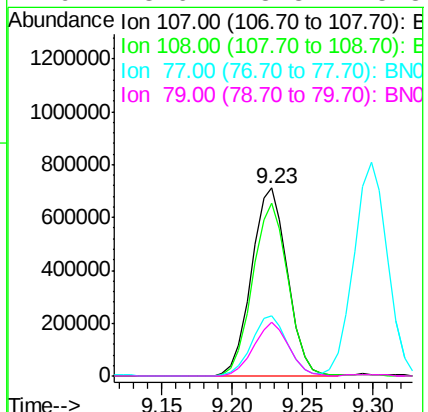
Ion Ratio Lower Upper

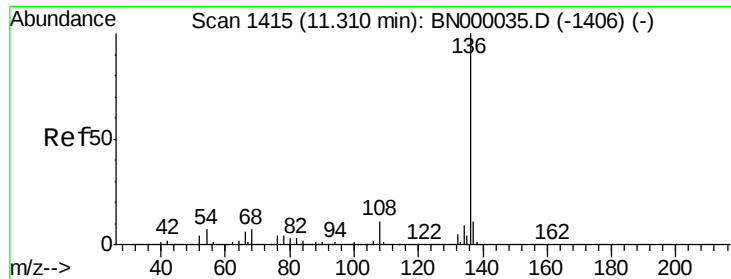
107 100

108 92.4 61.6 101.6

77 32.0 13.9 53.9

79 28.6 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.31 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 1507429

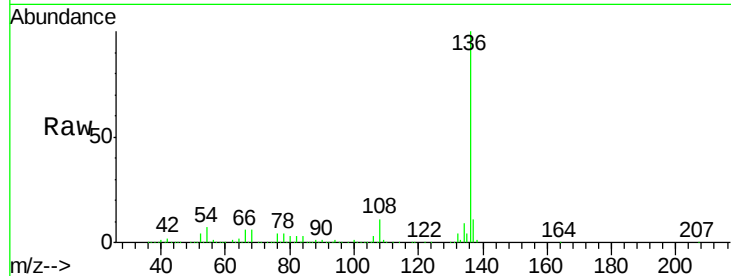
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 6.8 10.3 15.5#

68 6.1 4.5 6.7

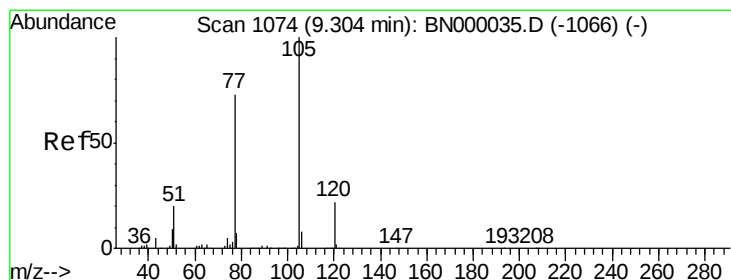
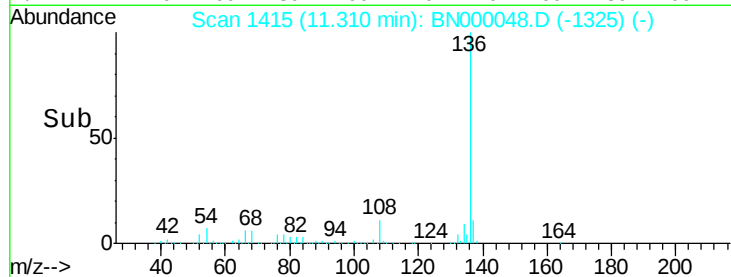
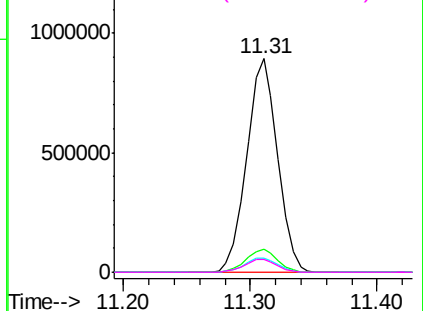


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#22

Acetophenone

Concen: 42.510 ng

RT: 9.30 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Tgt Ion:105 Resp: 1795676

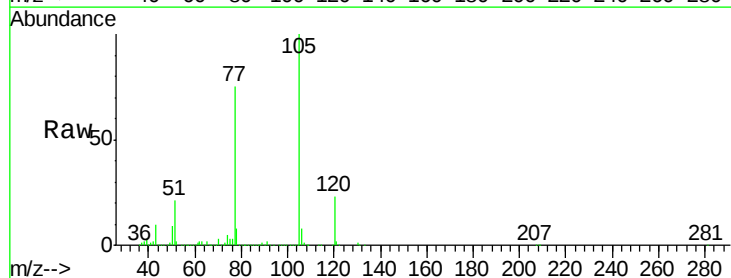
Ion Ratio Lower Upper

105 100

71 0.5 3.0 4.4#

51 20.9 26.1 39.1#

120 23.0 17.4 26.2

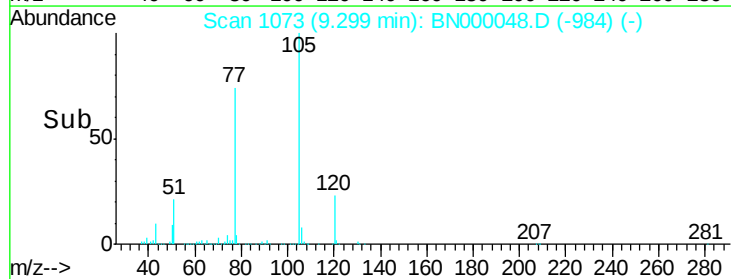
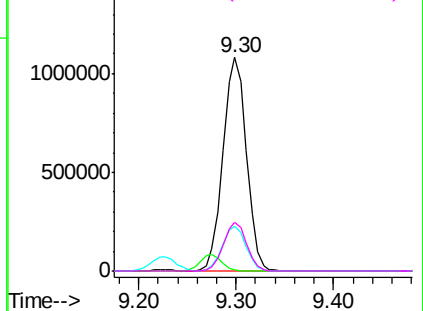


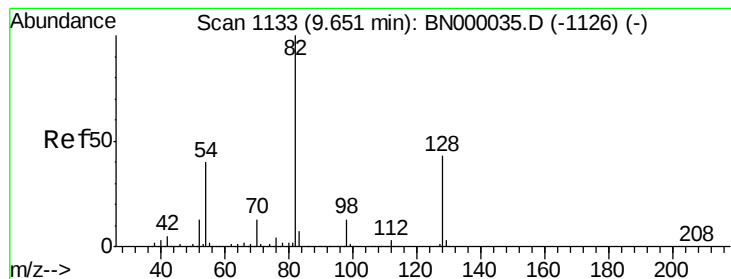
Abundance Ion 105.00 (104.70 to 105.70): E

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: 86.217 ng

RT: 9.65 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

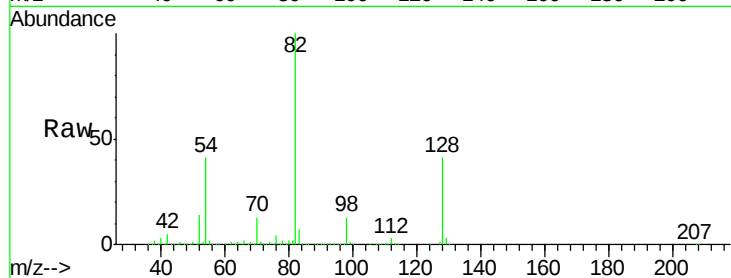
Tot Ion: 82 Resp: 2185939

Ion Ratio Lower Upper

82 100

128 41.4 29.7 44.5

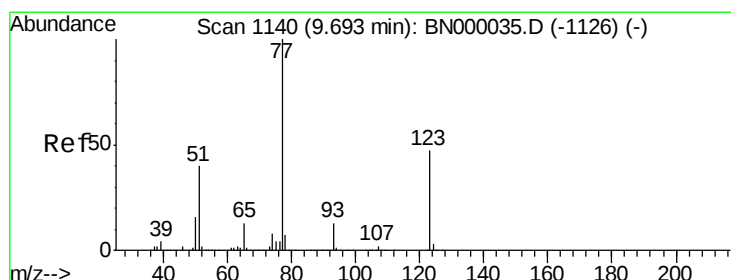
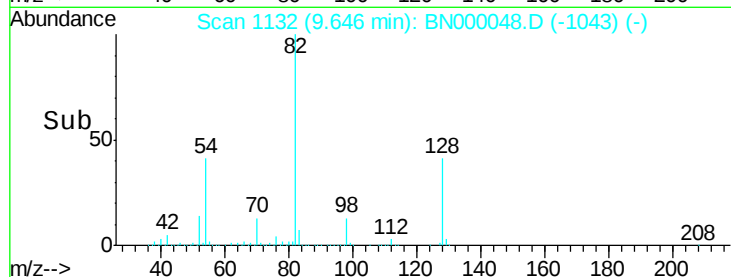
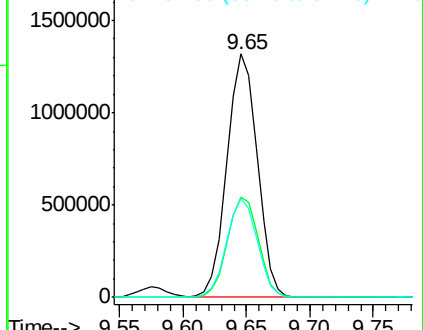
54 40.7 43.1 64.7#



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: 43.095 ng

RT: 9.69 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

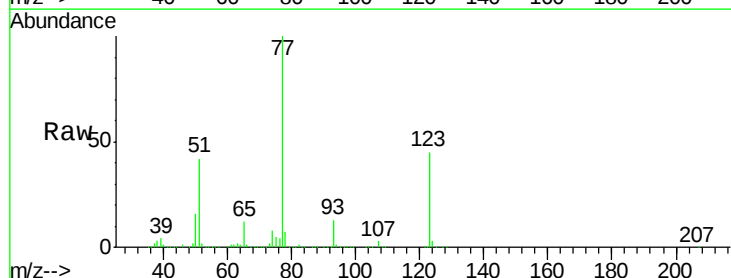
Tgt Ion: 77 Resp: 1194473

Ion Ratio Lower Upper

77 100

123 45.0 33.0 49.6

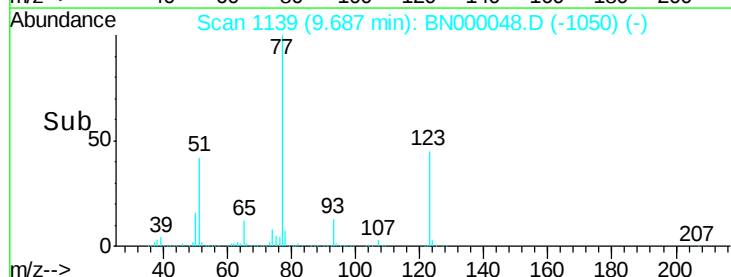
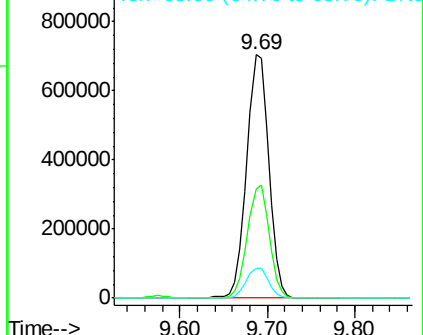
65 12.1 13.0 19.6#

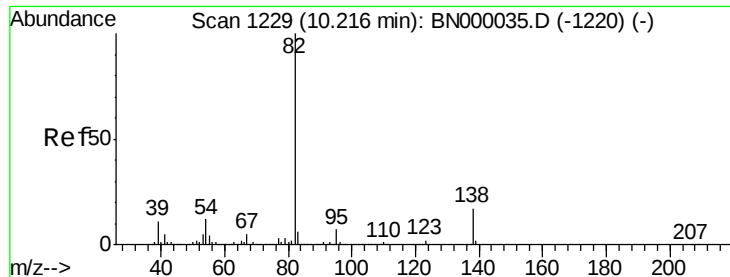


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#25

Isophorone

Concen: 42.601 ng

RT: 10.21 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

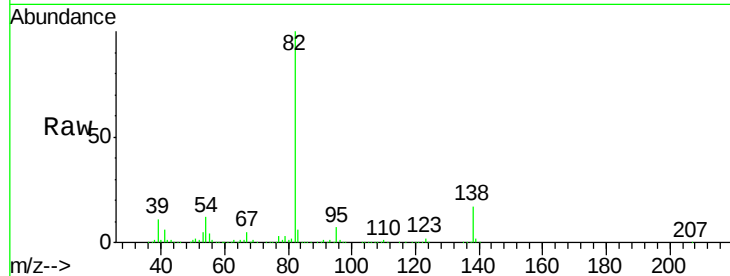
Tot Ion: 82 Resp: 2232720

Ion Ratio Lower Upper

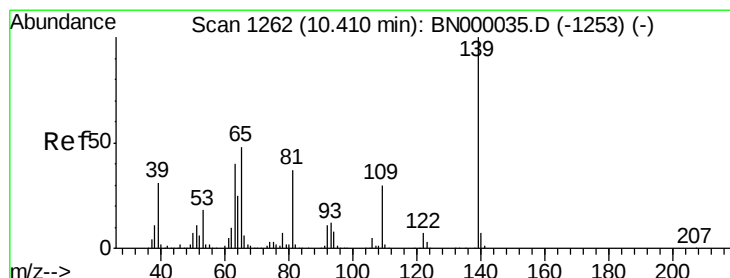
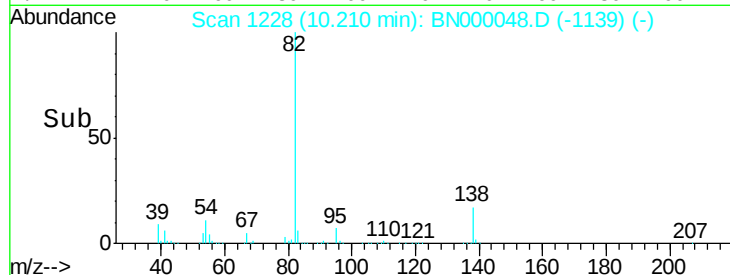
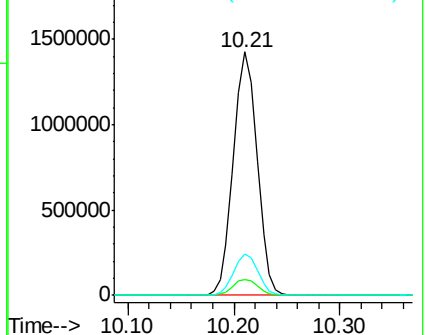
82 100

95 6.7 6.2 9.2

138 16.8 12.1 18.1



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



#26

2-Nitrophenol

Concen: 36.734 ng

RT: 10.41 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

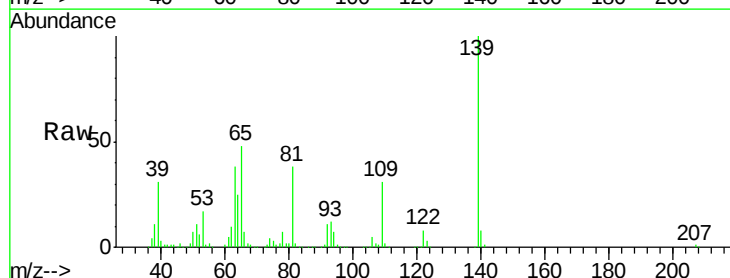
Tgt Ion: 139 Resp: 394685

Ion Ratio Lower Upper

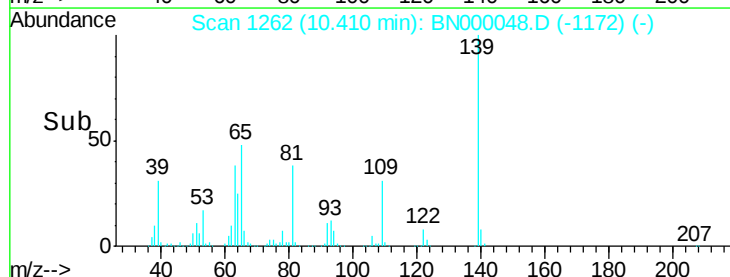
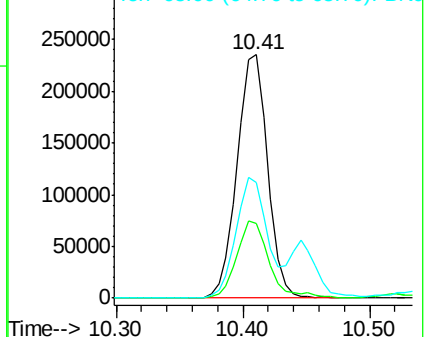
139 100

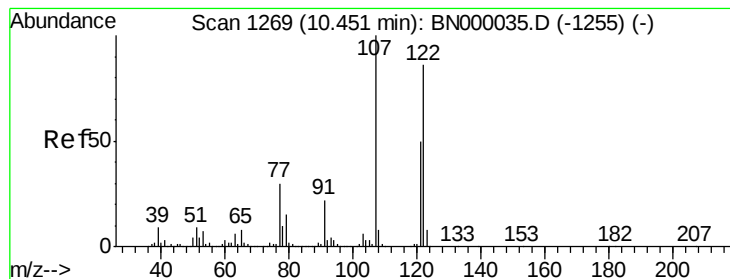
109 30.6 24.2 36.2

65 47.6 47.4 71.0



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





#27

2,4-Dimethylphenol

Concen: 42.032 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

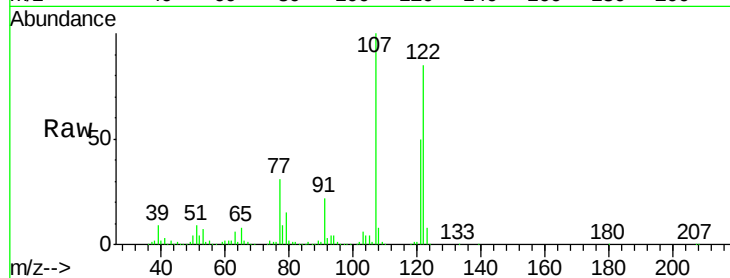
Tot Ion:122 Resp: 955015

Ion Ratio Lower Upper

122 100

107 117.6 100.2 150.2

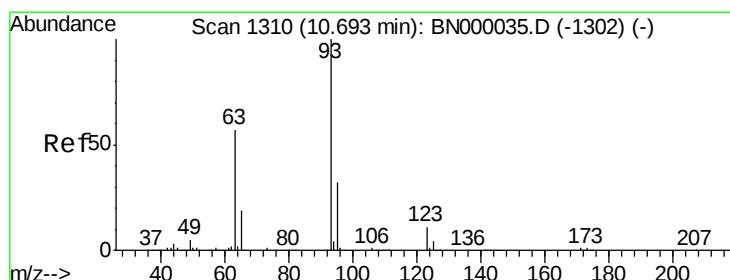
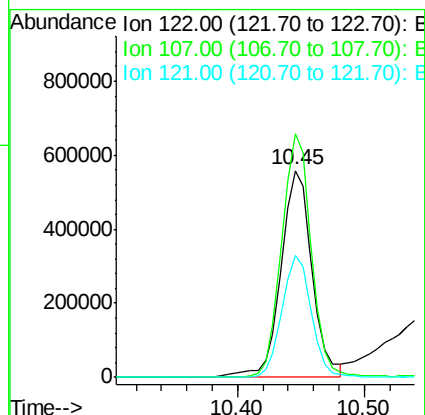
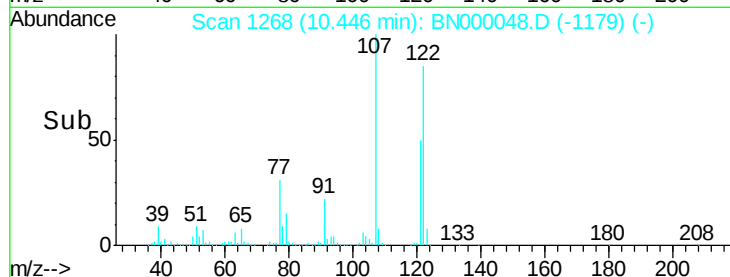
121 59.1 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.729 ng

RT: 10.69 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

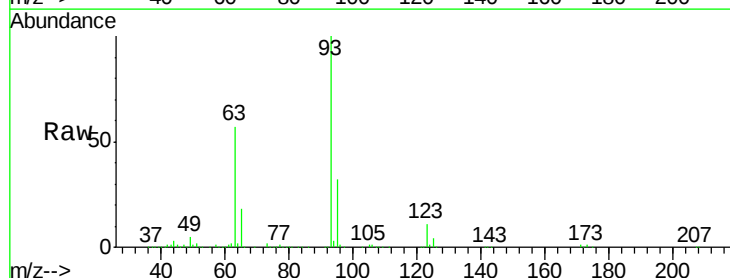
Tgt Ion: 93 Resp: 1402627

Ion Ratio Lower Upper

93 100

95 32.2 24.3 36.5

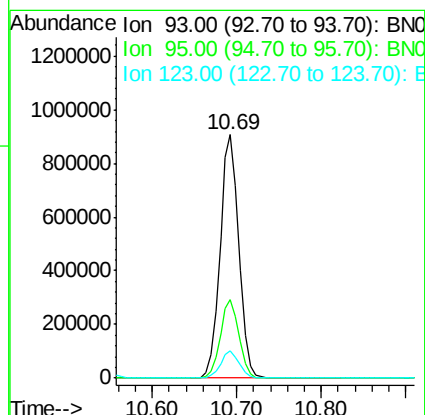
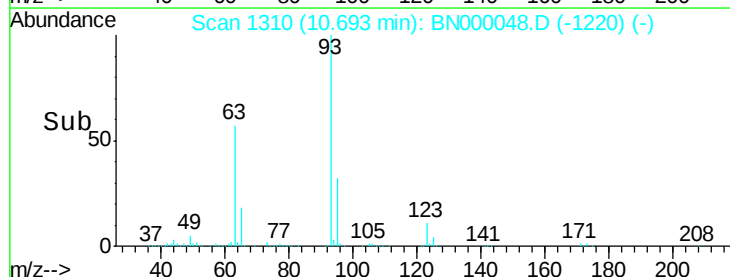
123 11.4 8.4 12.6

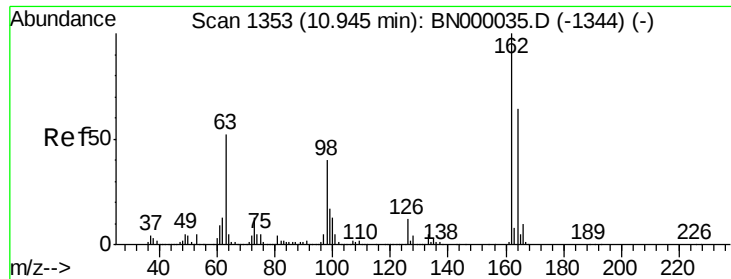


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

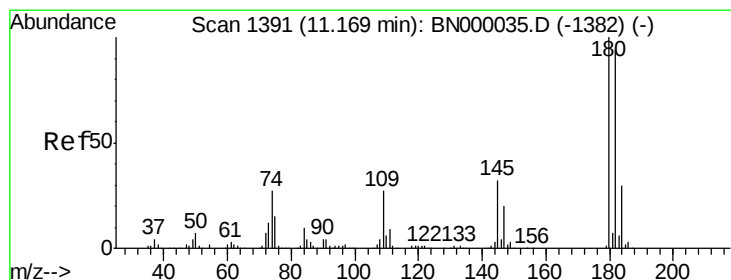
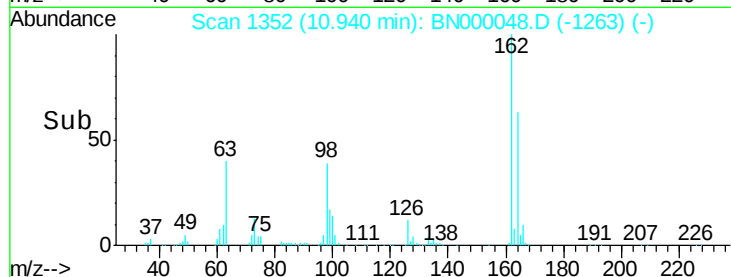
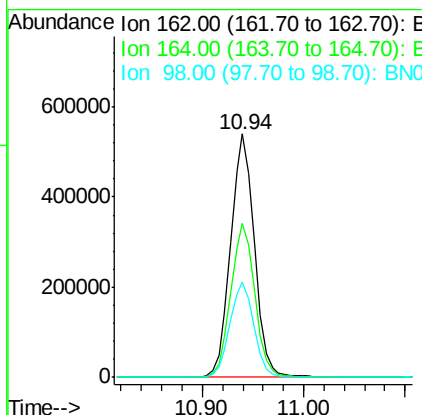
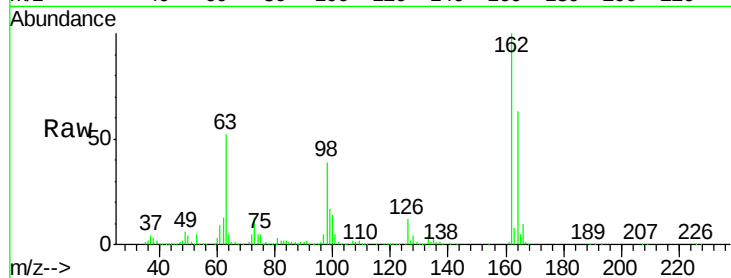




#29
 2,4-Dichlorophenol
 Concen: 41.774 ng
 RT: 10.94 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BN000048.D
 Acq: 07 Feb 2018 22:40

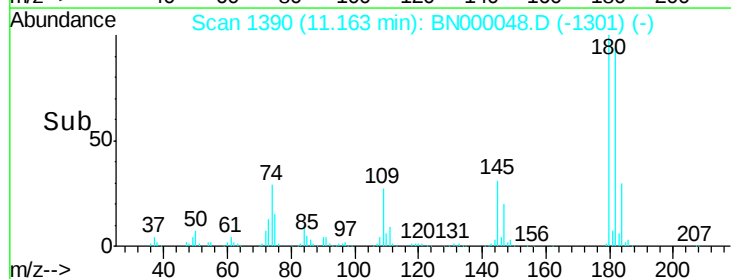
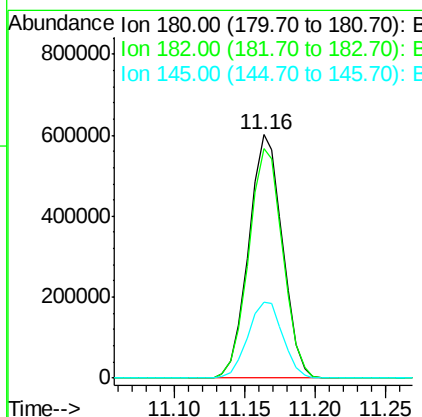
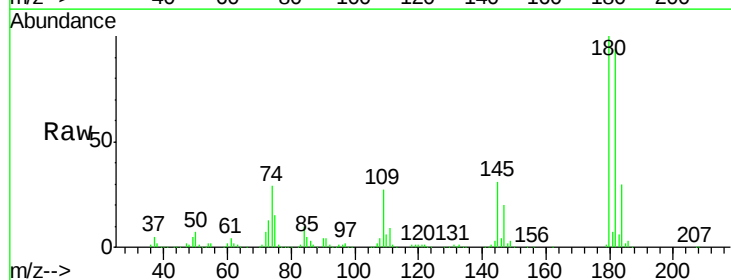
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040EC

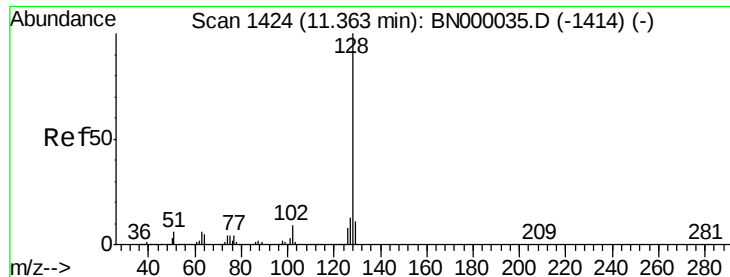
Tot Ion:162 Resp: 878403
 Ion Ratio Lower Upper
 162 100
 164 63.3 48.0 88.0
 98 39.1 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.742 ng
 RT: 11.16 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BN000048.D
 Acq: 07 Feb 2018 22:40

Tgt Ion:180 Resp: 1010807
 Ion Ratio Lower Upper
 180 100
 182 94.3 77.5 116.3
 145 31.3 23.4 35.2

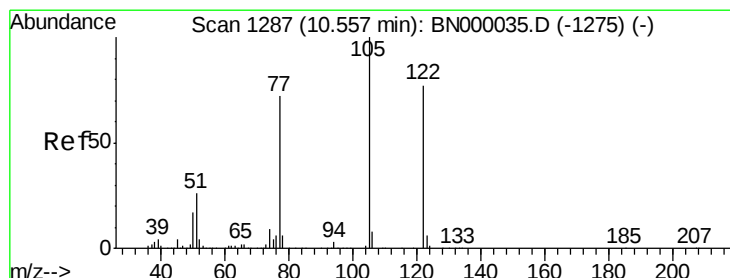
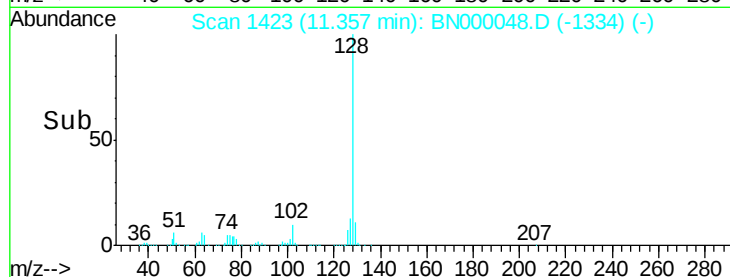
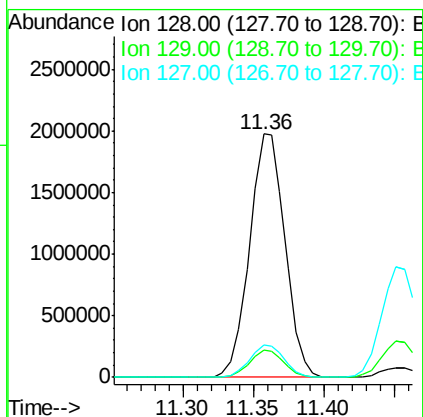
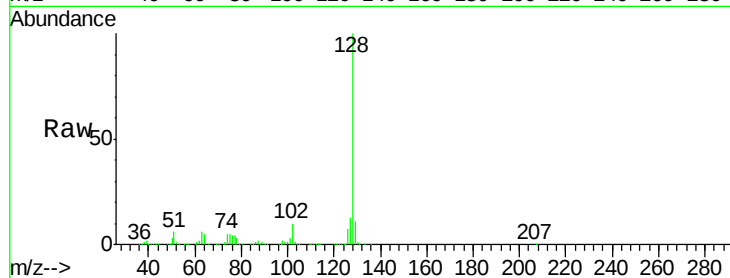




#31
Naphthalene
Concen: 41.987 ng
RT: 11.36 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BN000048.D
Acq: 07 Feb 2018 22:40

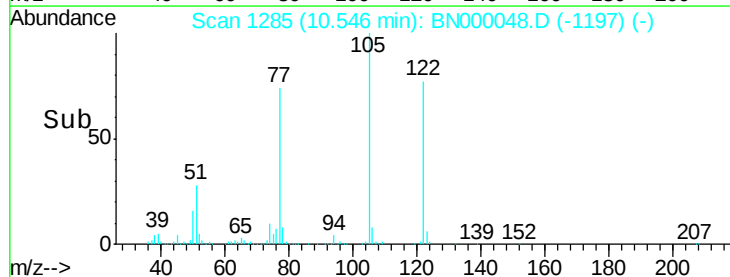
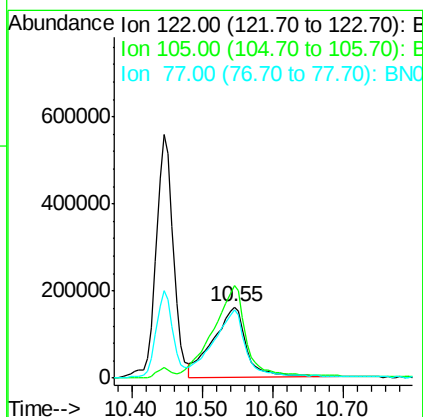
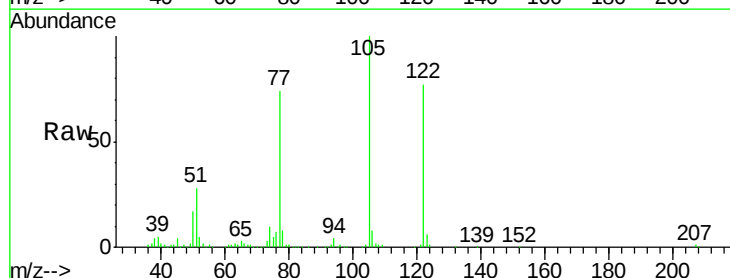
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

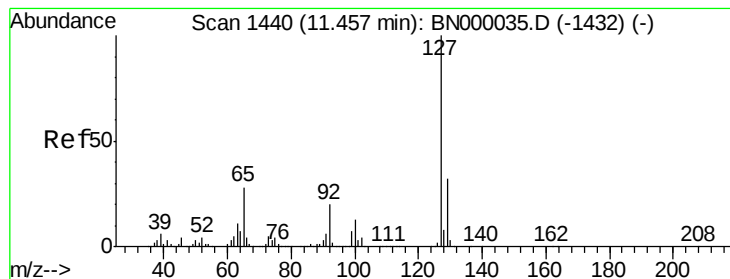
Tot Ion:128 Resp: 3469868
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.1 11.6 17.4



#32
Benzoic acid
Concen: 35.149 ng
RT: 10.55 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BN000048.D
Acq: 07 Feb 2018 22:40

Tgt Ion:122 Resp: 531959
Ion Ratio Lower Upper
122 100
105 129.3 123.5 163.5
77 95.3 85.7 125.7





#33

4-Chloroaniline

Concen: 43.302 ng

RT: 11.45 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

Tot Ion:127 Resp: 1572041

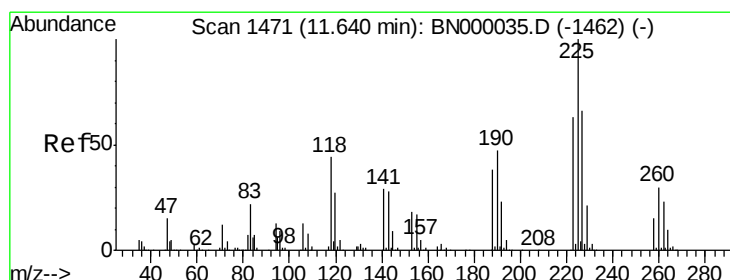
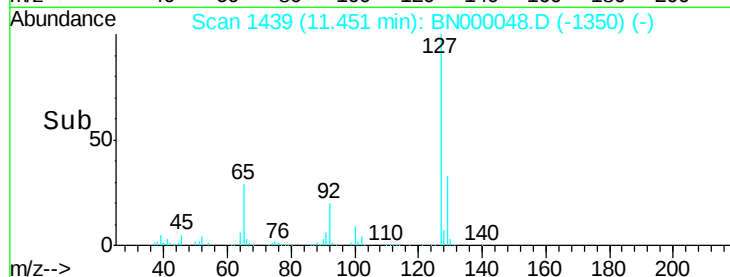
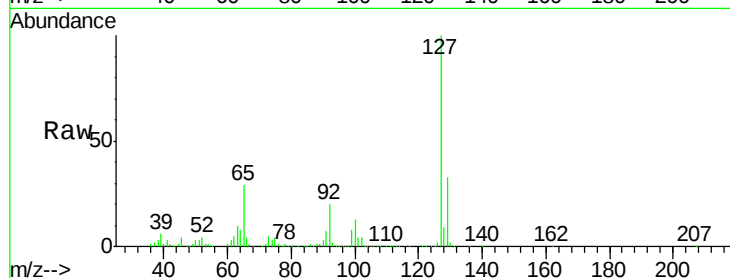
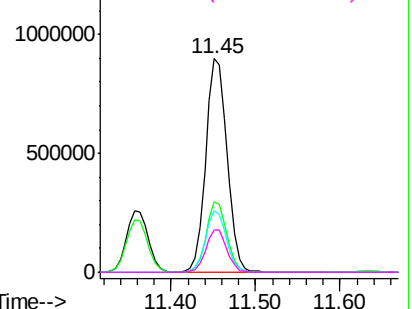
Ion	Ratio	Lower	Upper
127	100		
129	32.7	24.0	36.0
65	28.8	27.0	40.4
92	20.0	16.6	25.0

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: 41.358 ng

RT: 11.64 min Scan# 1471

Delta R.T. 0.00 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

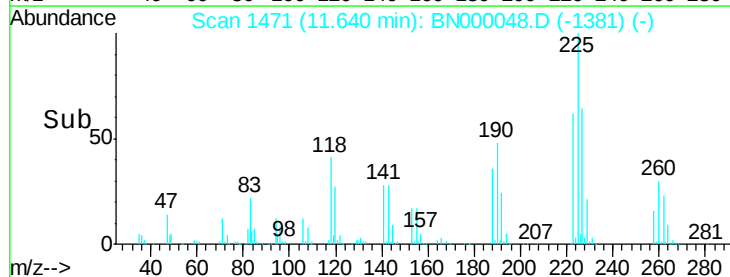
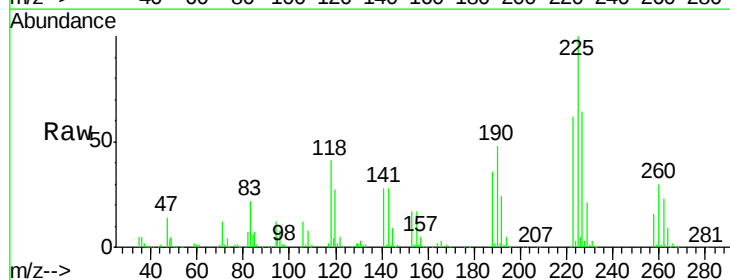
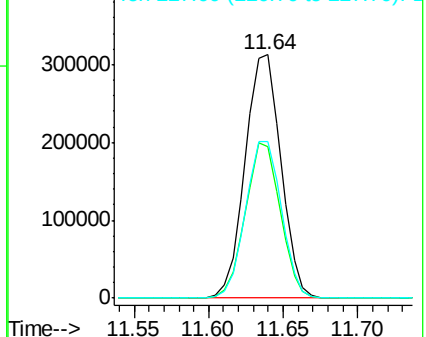
Tgt Ion:225 Resp: 519319

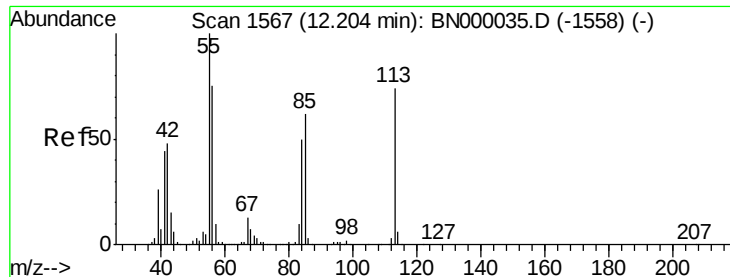
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.7	74.5
227	64.5	48.1	72.1

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

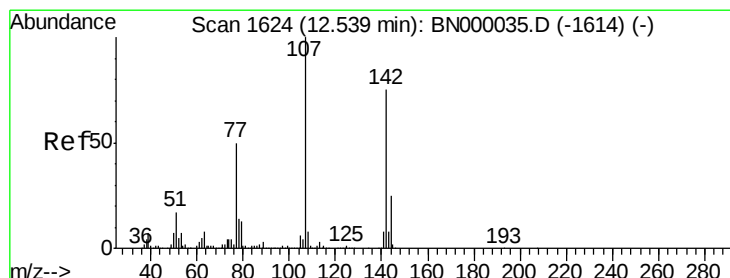
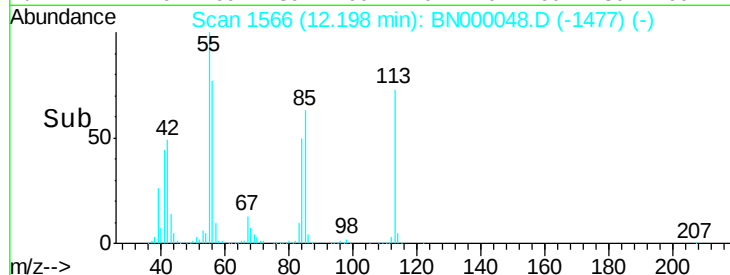
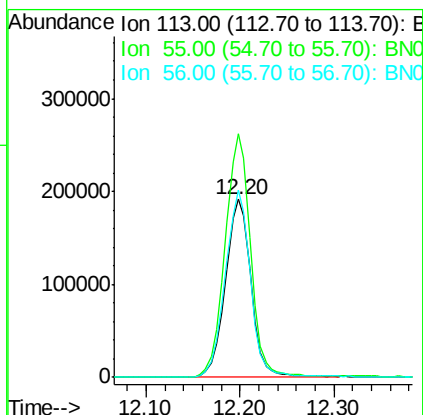
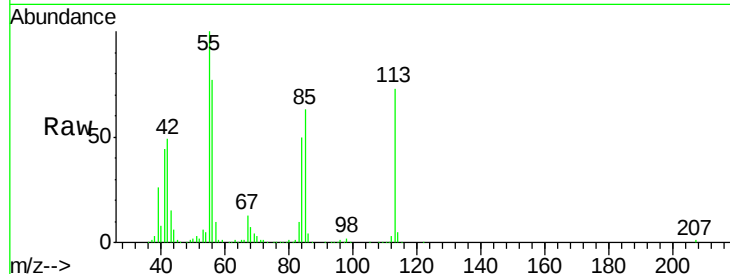




#35
 Caprolactam
 Concen: 40.219 ng
 RT: 12.20 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BN000048.D
 Acq: 07 Feb 2018 22:40

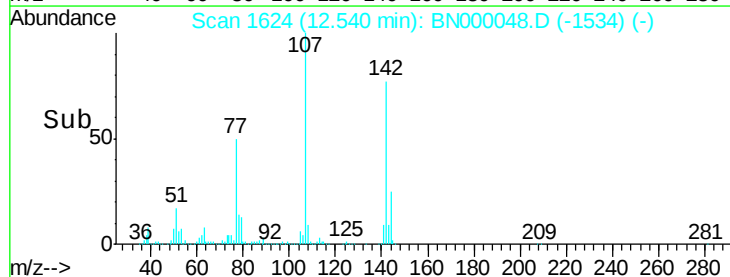
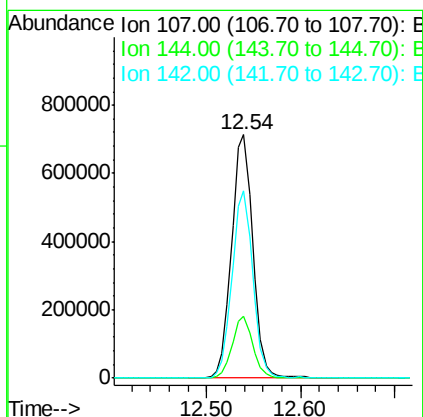
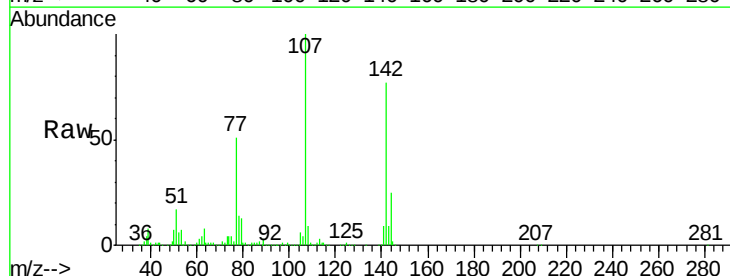
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040EC

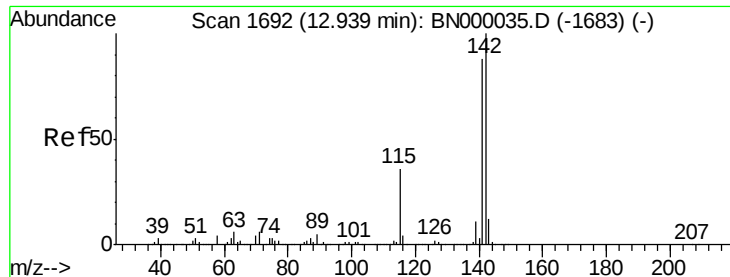
Tot Ion:113 Resp: 363124
 Ion Ratio Lower Upper
 113 100
 55 136.8 120.0 160.0
 56 105.0 90.0 130.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.165 ng
 RT: 12.54 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BN000048.D
 Acq: 07 Feb 2018 22:40

Tgt Ion:107 Resp: 1125665
 Ion Ratio Lower Upper
 107 100
 144 25.3 18.2 27.4
 142 76.7 59.0 88.4

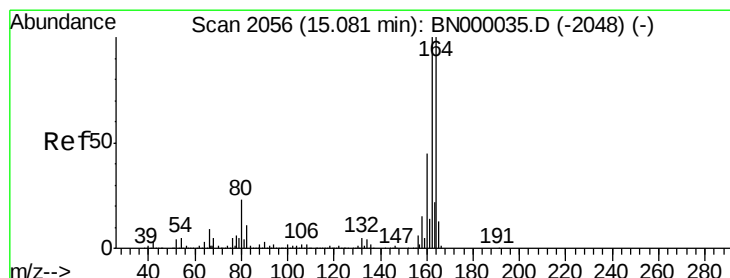
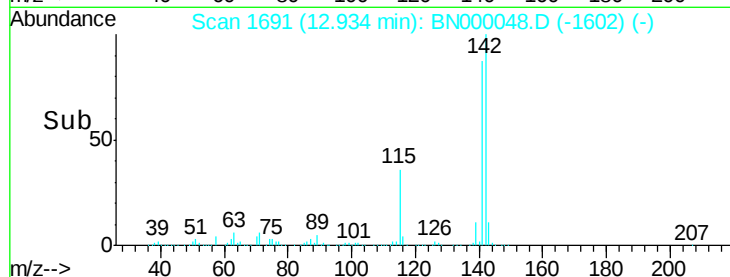
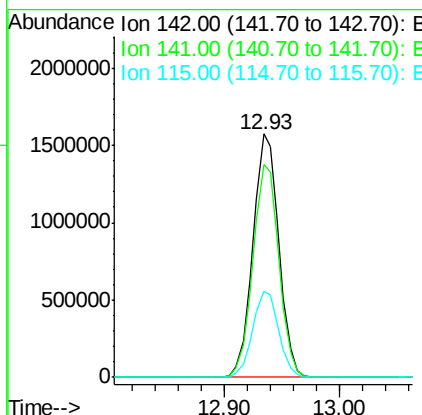
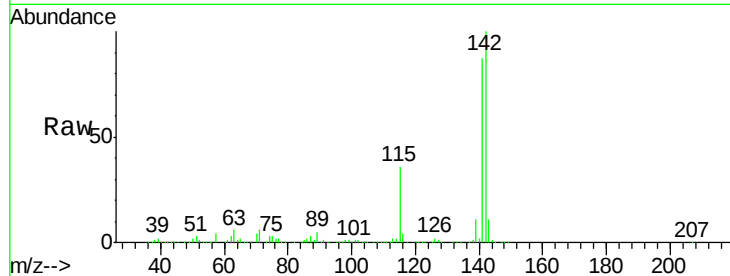




#37
2-Methylnaphthalene
Concen: 42.678 ng
RT: 12.93 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BN000048.D
Acq: 07 Feb 2018 22:40

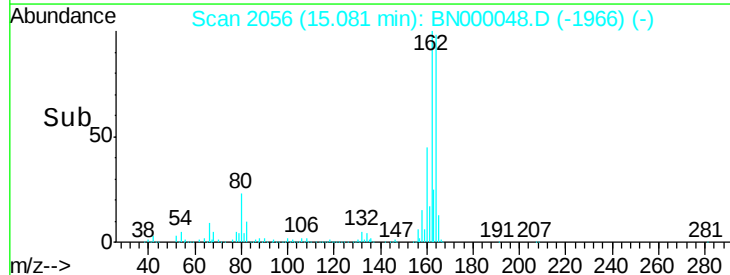
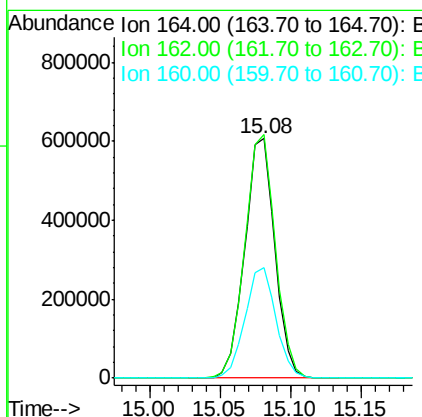
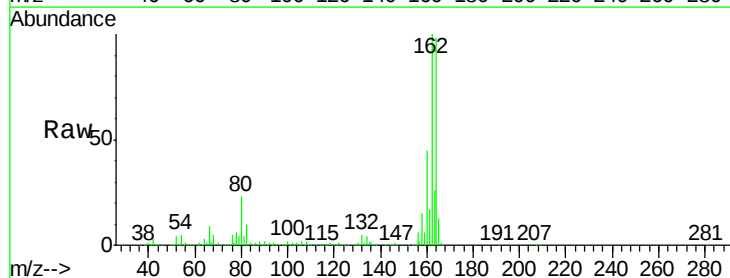
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

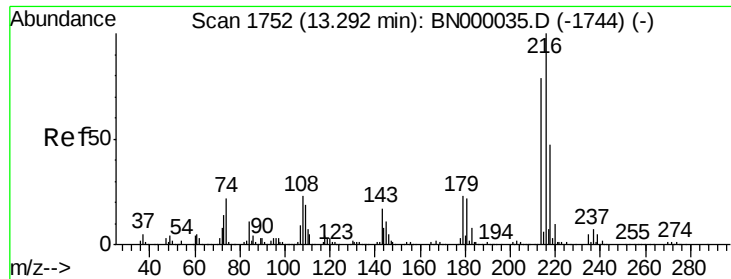
Tot Ion:142 Resp: 2454036
Ion Ratio Lower Upper
142 100
141 87.3 67.1 100.7
115 35.6 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.08 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BN000048.D
Acq: 07 Feb 2018 22:40

Tgt Ion:164 Resp: 908735
Ion Ratio Lower Upper
164 100
162 101.7 78.8 118.2
160 45.9 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.502 ng

RT: 13.29 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 1113193

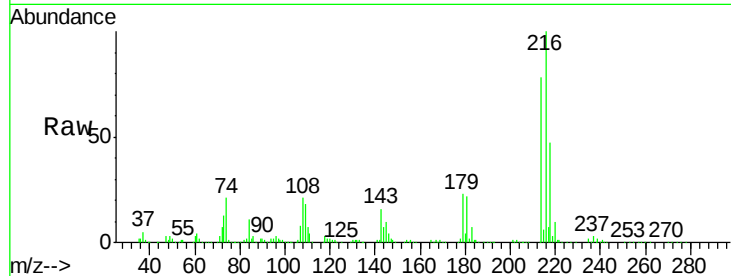
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	23.1	17.0	25.6
108	23.9	12.8	19.2

216 100

214 79.2 63.0 94.4

179 23.1 17.0 25.6

108 23.9 12.8 19.2

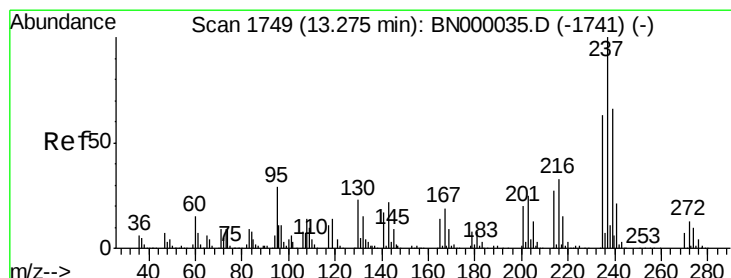
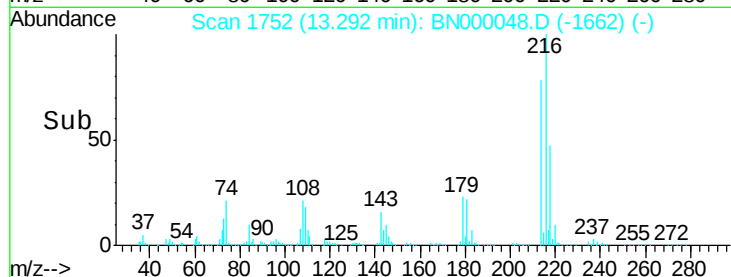
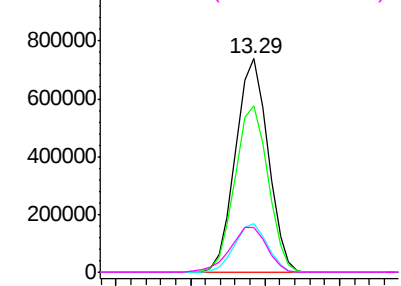


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.401 ng

RT: 13.27 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

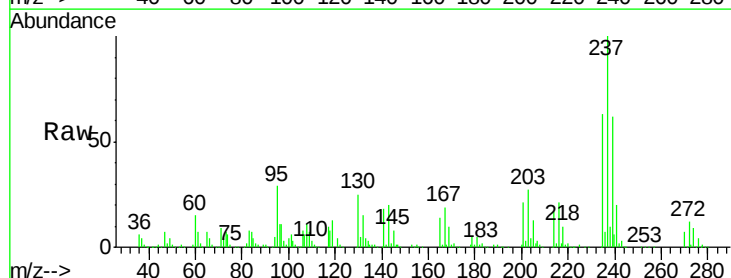
Tgt Ion:237 Resp: 429368

Ion	Ratio	Lower	Upper
237	100		
235	63.3	50.4	90.4
272	12.0	0.0	31.8

237 100

235 63.3 50.4 90.4

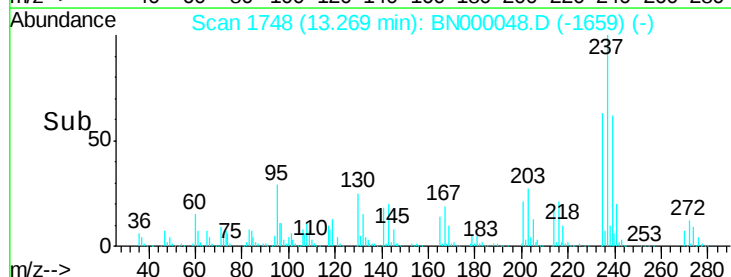
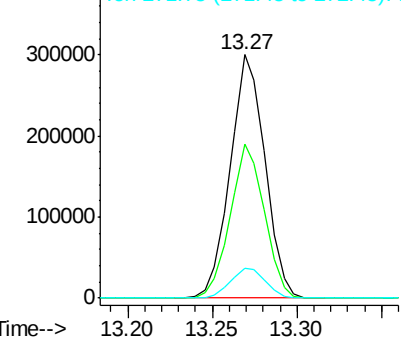
272 12.0 0.0 31.8

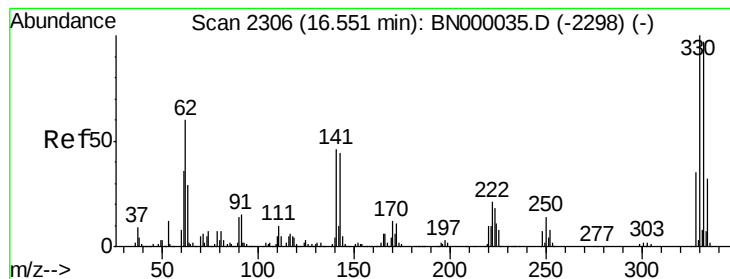


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

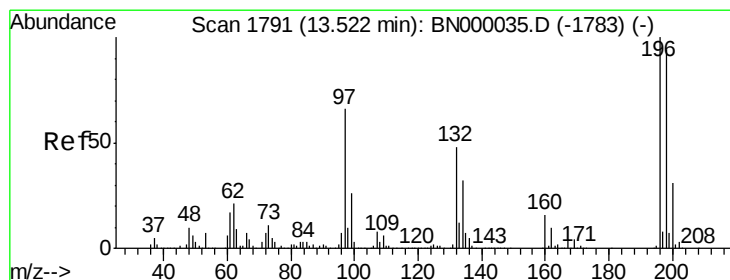
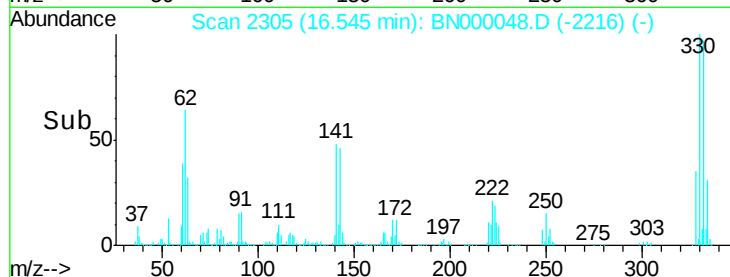
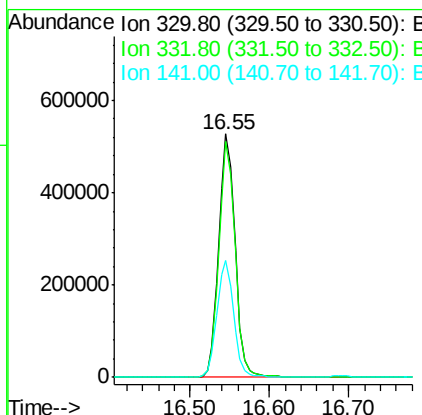
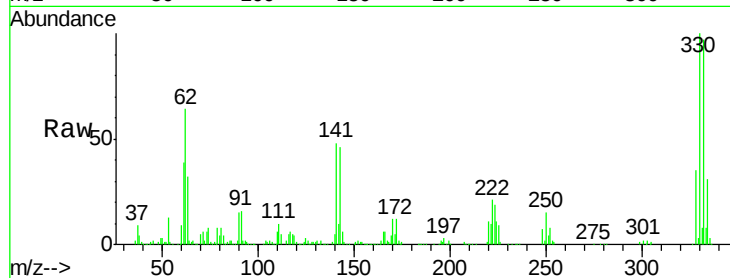




#41
 2,4,6-Tribromophenol
 Concen: 84.603 ng
 RT: 16.55 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BN000048.D
 Acq: 07 Feb 2018 22:40

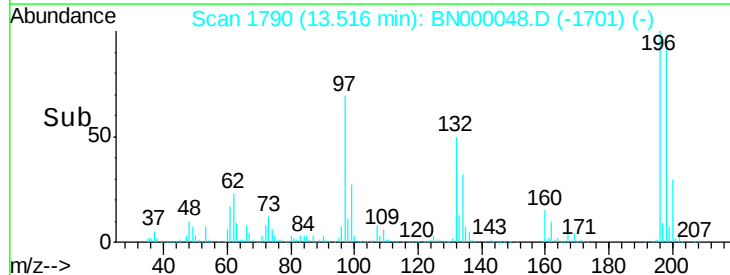
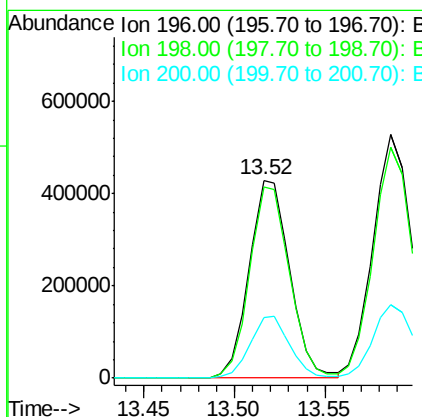
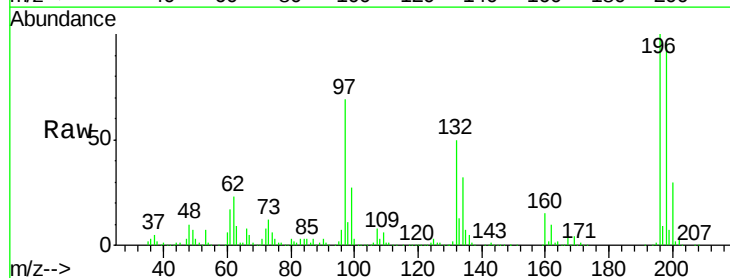
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040EC

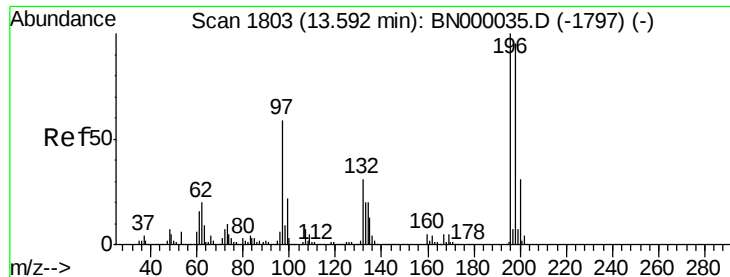
Tot Ion:330 Resp: 761009
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 49.0 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 41.534 ng
 RT: 13.52 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BN000048.D
 Acq: 07 Feb 2018 22:40

Tgt Ion:196 Resp: 667703
 Ion Ratio Lower Upper
 196 100
 198 96.3 78.2 117.2
 200 30.3 24.6 36.8

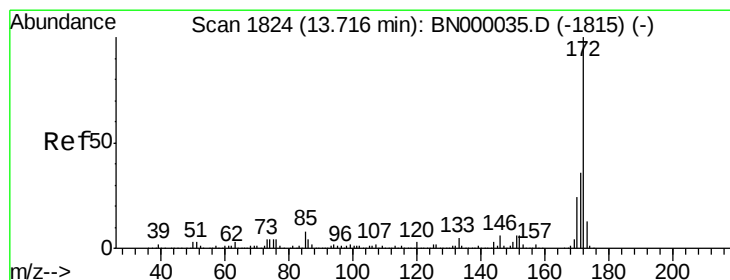
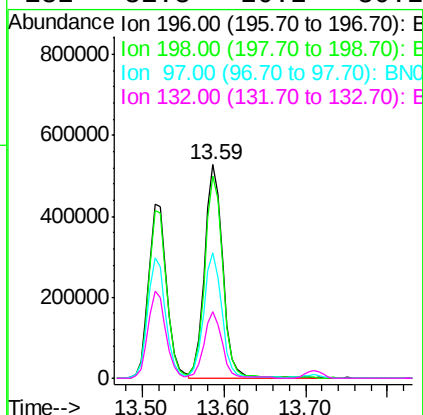
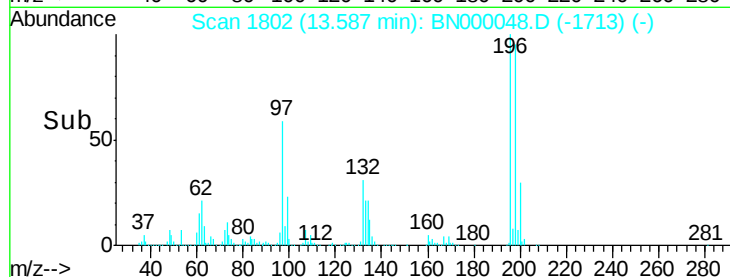
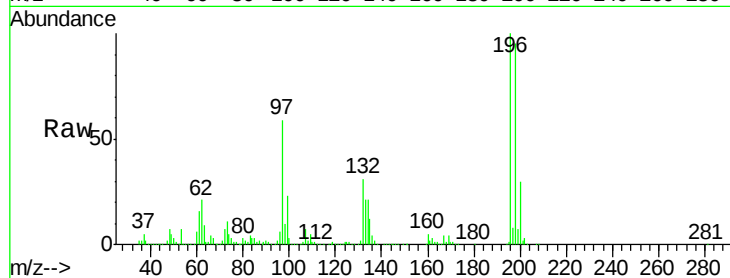




#43
2,4,5-Trichlorophenol
Concen: 41.961 ng
RT: 13.59 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BN000048.D
Acq: 07 Feb 2018 22:40

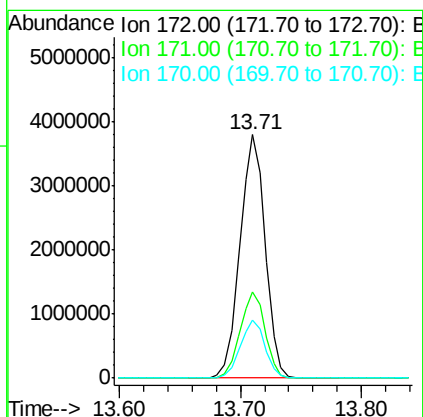
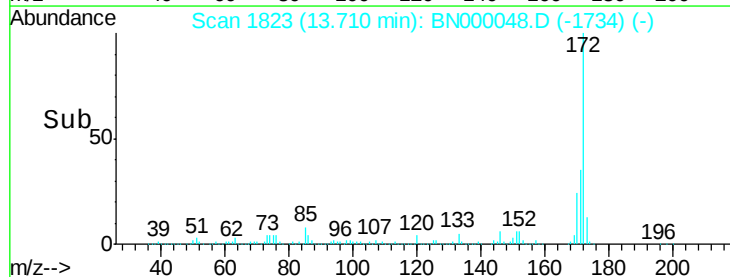
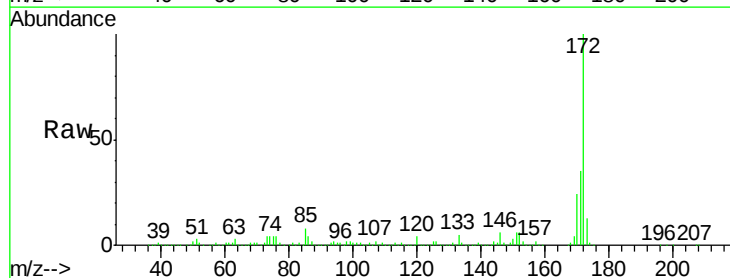
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

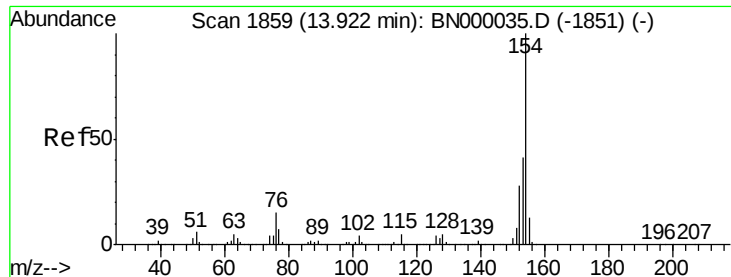
Tot Ion:196 Resp: 810943
Ion Ratio Lower Upper
196 100
198 94.7 76.2 114.4
97 58.7 38.7 58.1#
132 31.3 20.2 30.2#



#44
2-Fluorobiphenyl
Concen: 85.204 ng
RT: 13.71 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BN000048.D
Acq: 07 Feb 2018 22:40

Tgt Ion:172 Resp: 5493604
Ion Ratio Lower Upper
172 100
171 35.2 30.0 45.0
170 23.8 19.5 29.3

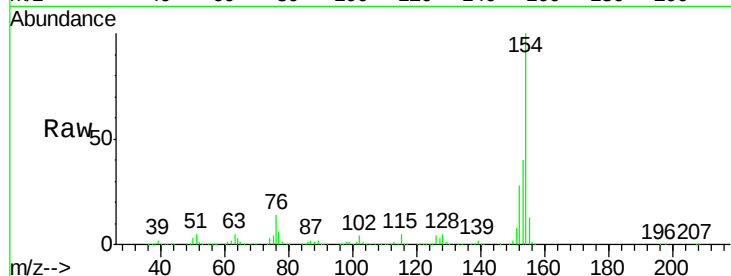




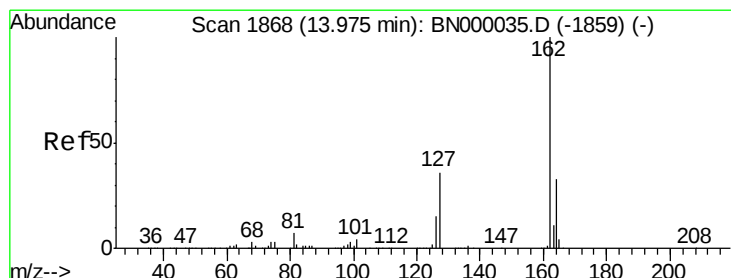
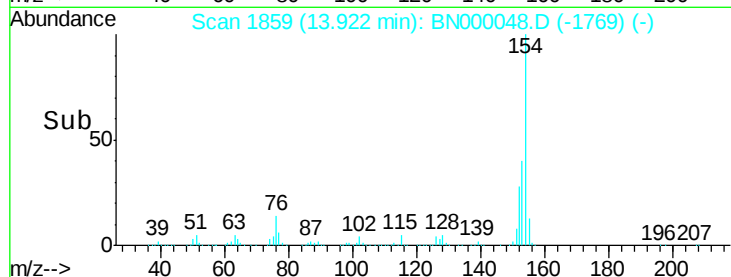
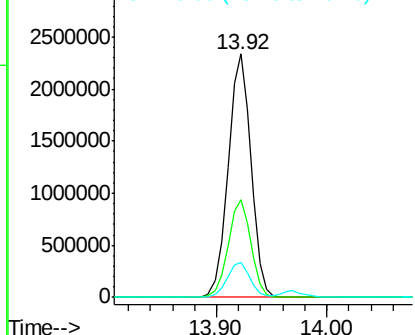
#45
 1,1'-Biphenyl
 Concen: 42.078 ng
 RT: 13.92 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: BN000048.D
 Acq: 07 Feb 2018 22:40

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:154 Resp: 3367672
 Ion Ratio Lower Upper
 154 100
 153 40.1 19.8 59.8
 76 14.1 0.0 31.9

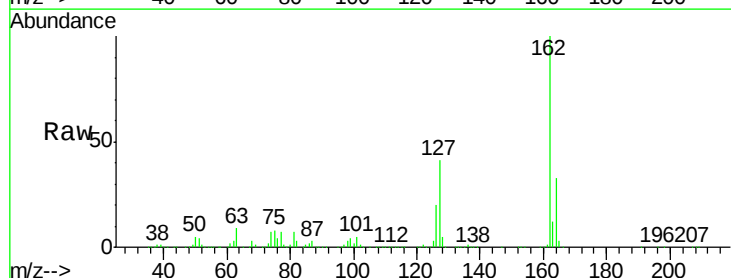


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC

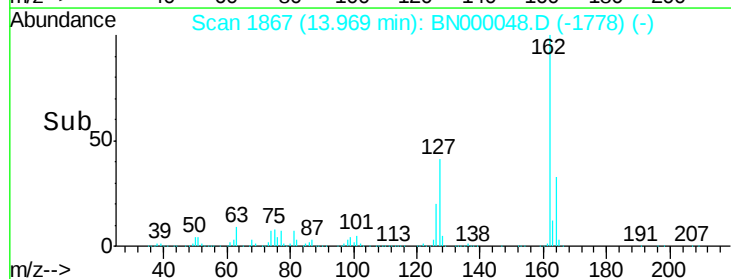
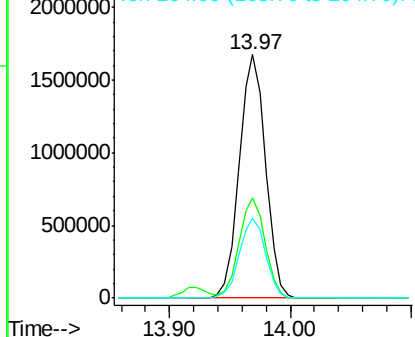


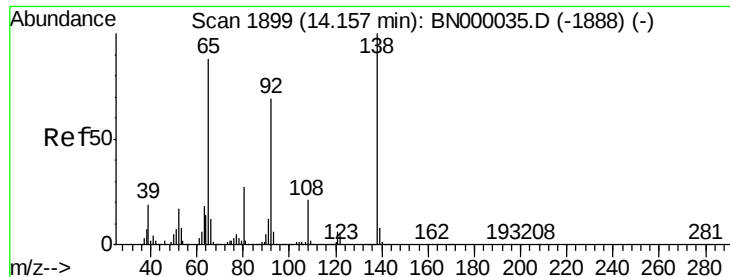
#46
 2-Chloronaphthalene
 Concen: 42.190 ng
 RT: 13.97 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BN000048.D
 Acq: 07 Feb 2018 22:40

Tgt Ion:162 Resp: 2533592
 Ion Ratio Lower Upper
 162 100
 127 41.2 30.7 46.1
 164 32.5 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

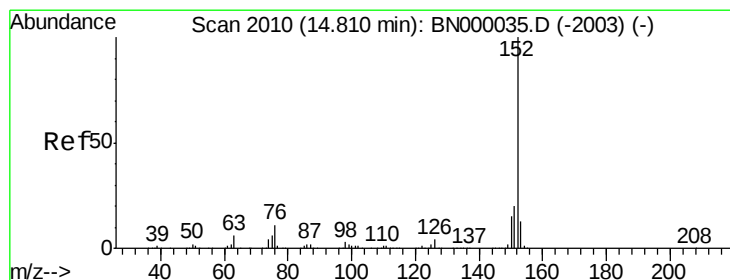
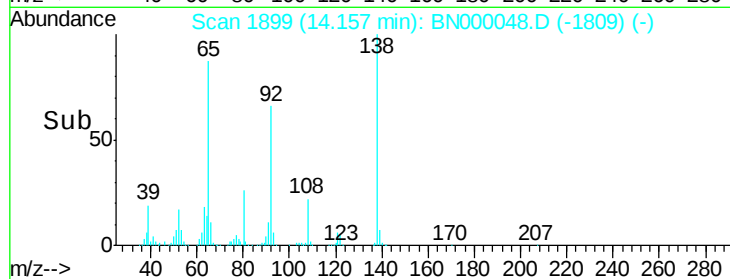
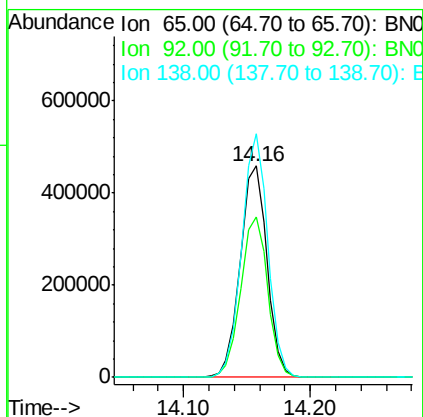
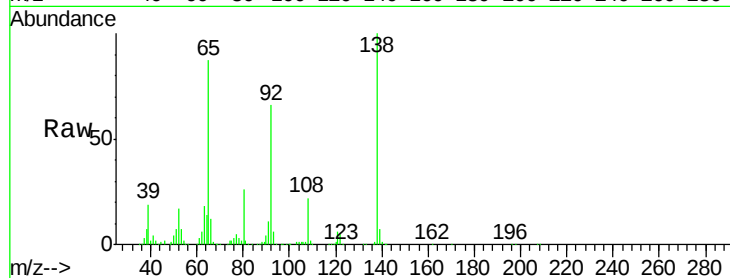




#47
2-Nitroaniline
Concen: 39.260 ng
RT: 14.16 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BN000048.D
Acq: 07 Feb 2018 22:40

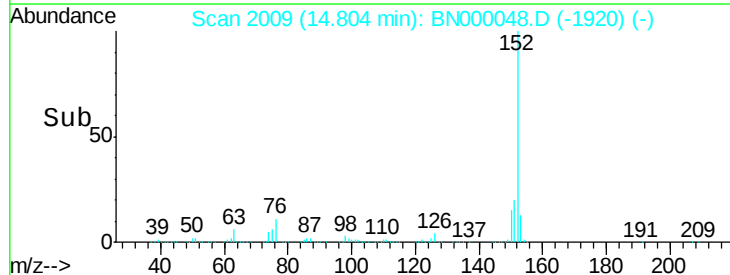
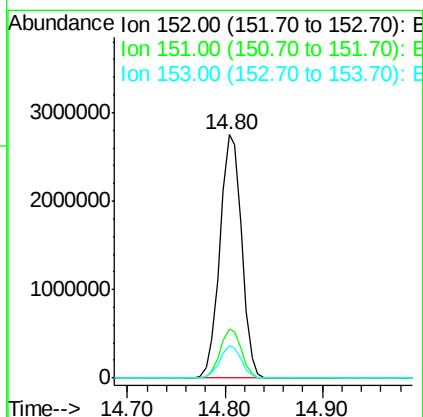
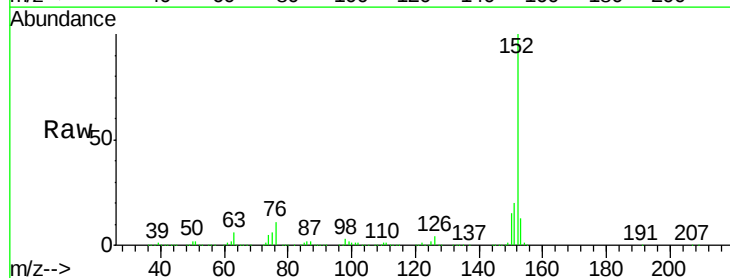
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

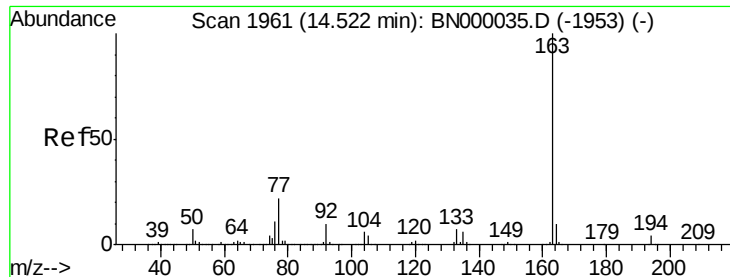
Tot Ion: 65 Resp: 674107
Ion Ratio Lower Upper
65 100
92 76.2 54.6 82.0
138 115.4 72.9 109.3#



#48
Acenaphthylene
Concen: 43.612 ng
RT: 14.80 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BN000048.D
Acq: 07 Feb 2018 22:40

Tgt Ion: 152 Resp: 4219540
Ion Ratio Lower Upper
152 100
151 20.0 17.2 25.8
153 13.4 10.2 15.4





#49

Dimethylphthalate

Concen: 43.203 ng

RT: 14.52 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

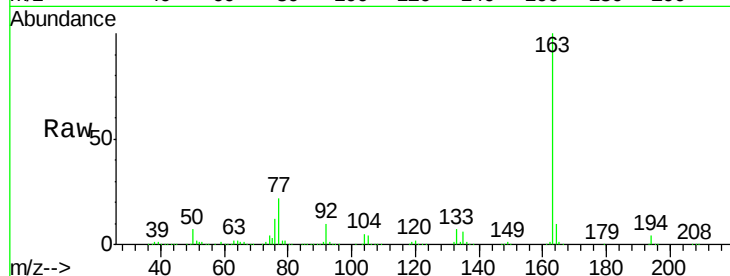
Tot Ion:163 Resp: 3281920

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

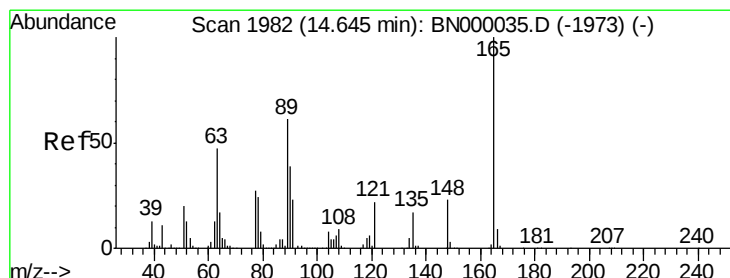
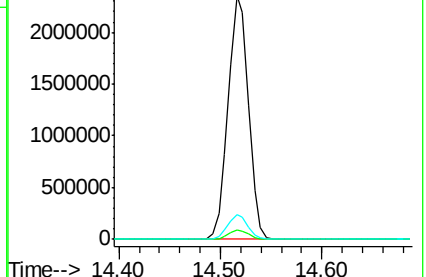
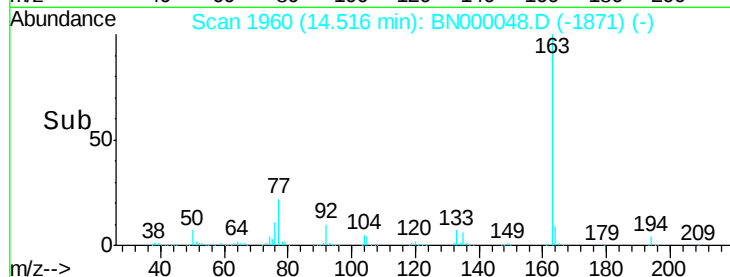
164 10.4 8.2 12.4



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: 42.185 ng

RT: 14.64 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

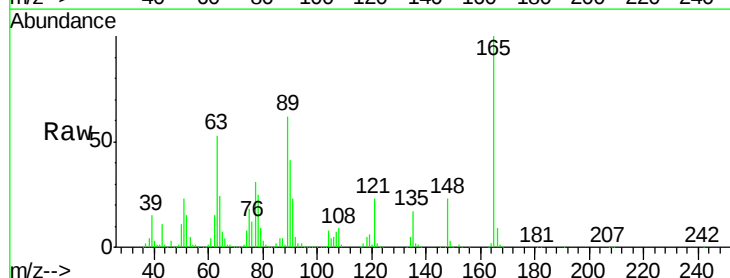
Tgt Ion:165 Resp: 661550

Ion Ratio Lower Upper

165 100

63 53.4 52.7 79.1

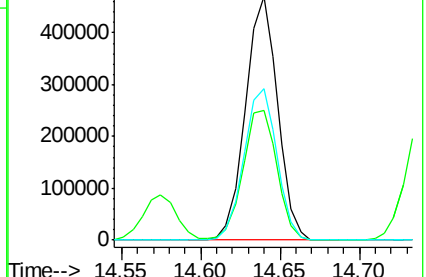
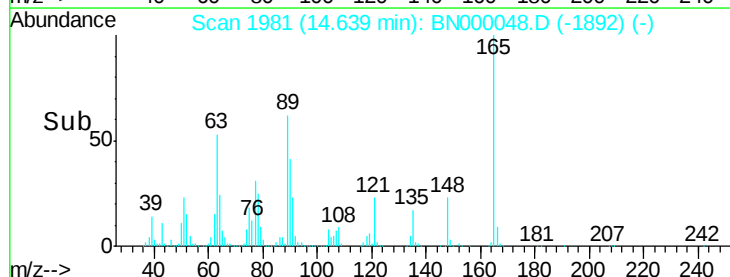
89 62.1 49.2 73.8

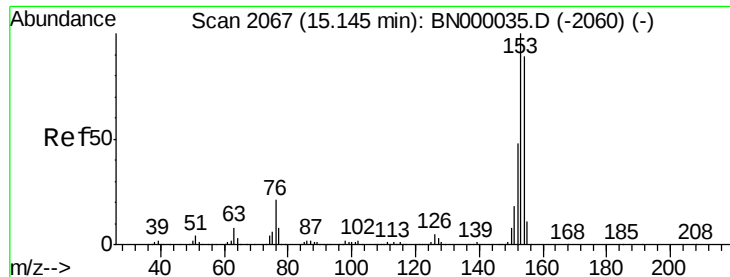


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 42.511 ng

RT: 15.14 min Scan# 2066

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

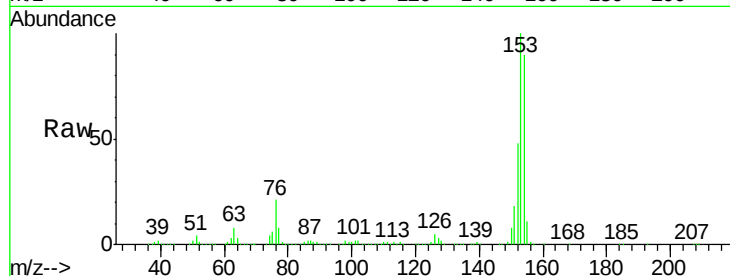
Tot Ion:154 Resp: 2677330

Ion Ratio Lower Upper

154 100

153 111.5 90.4 135.6

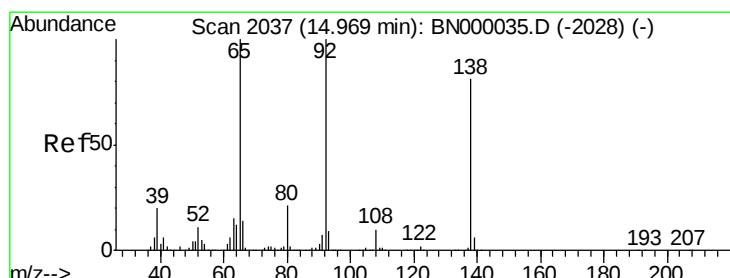
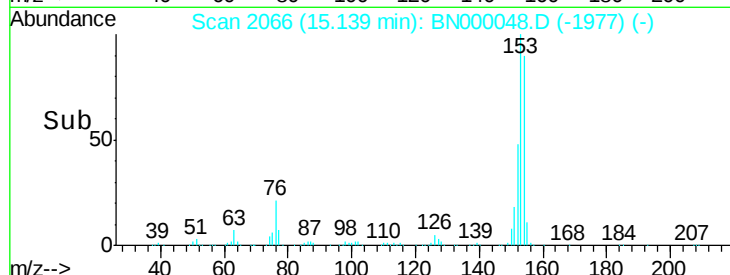
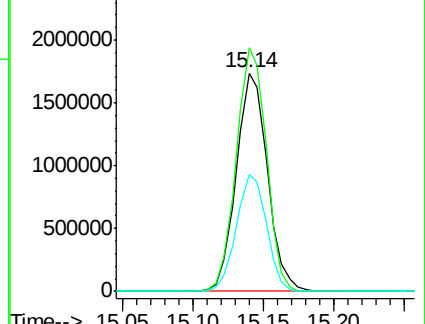
152 53.5 41.6 62.4



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: 42.765 ng

RT: 14.96 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

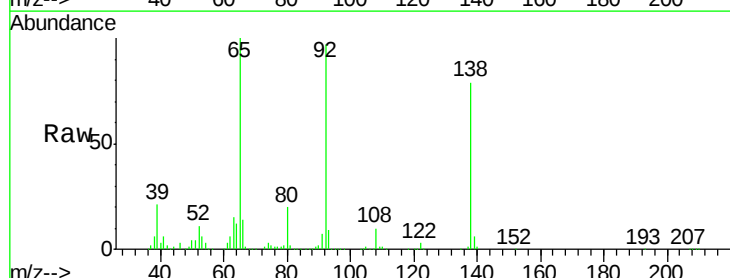
Tgt Ion:138 Resp: 815215

Ion Ratio Lower Upper

138 100

108 12.3 17.5 26.3#

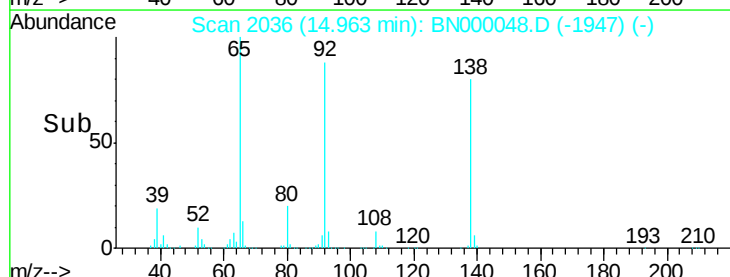
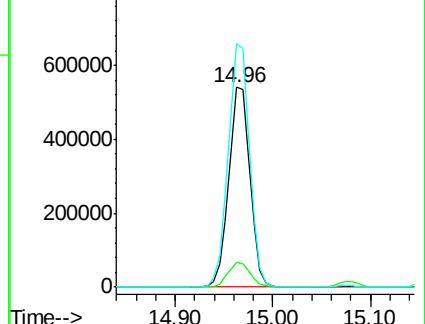
92 122.0 105.8 158.8

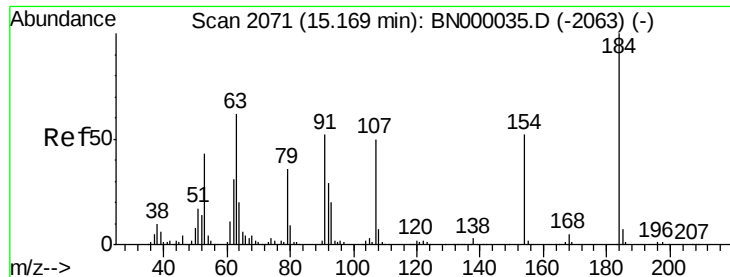


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

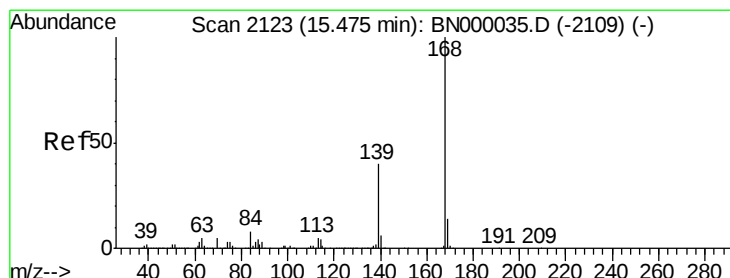
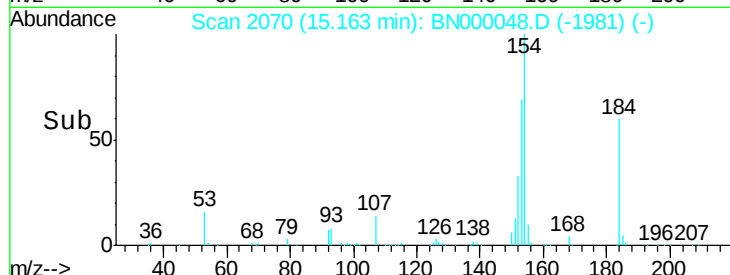
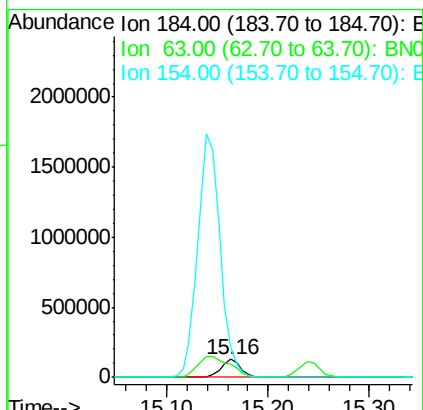
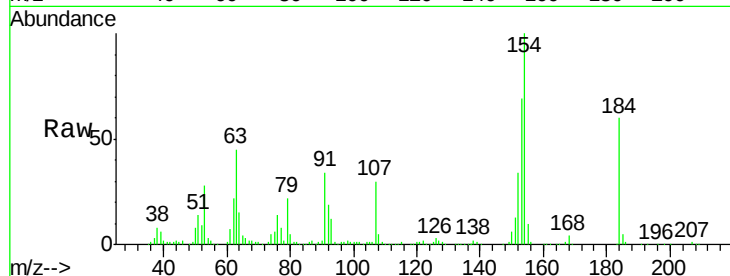




#53
2,4-Dinitrophenol
Concen: 36.877 ng
RT: 15.16 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BN000048.D
Acq: 07 Feb 2018 22:40

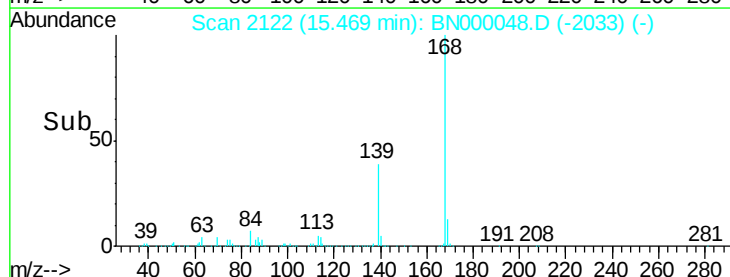
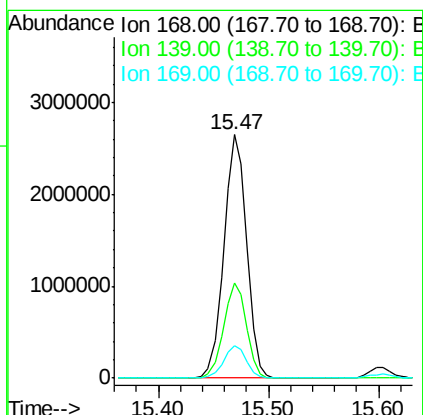
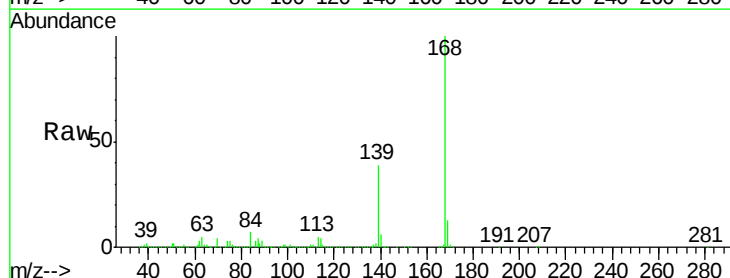
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

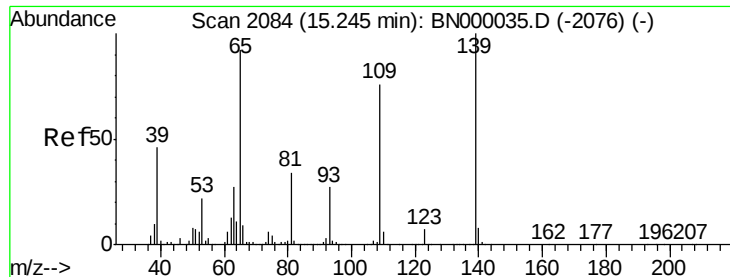
Tot Ion:184 Resp: 173839
Ion Ratio Lower Upper
184 100
63 76.0 80.0 120.0#
154 167.9 308.0 462.0#



#54
Dibenzofuran
Concen: 42.556 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BN000048.D
Acq: 07 Feb 2018 22:40

Tgt Ion:168 Resp: 3795686
Ion Ratio Lower Upper
168 100
139 38.9 28.6 43.0
169 13.3 11.2 16.8





#55

4-Nitrophenol

Concen: 40.803 ng

RT: 15.24 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

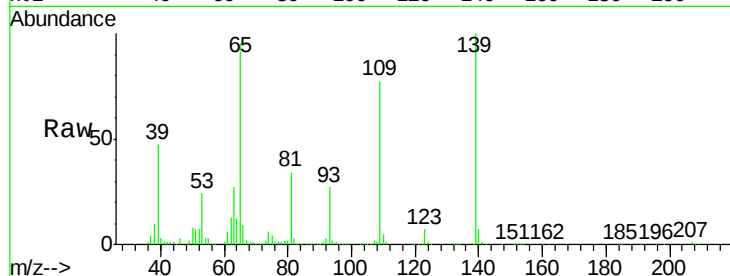
Tot Ion:139 Resp: 596795

Ion Ratio Lower Upper

139 100

109 76.7 62.2 102.2

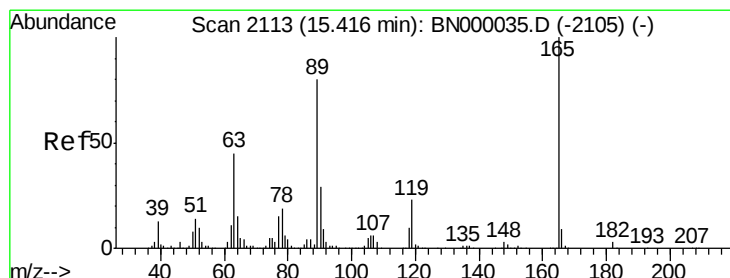
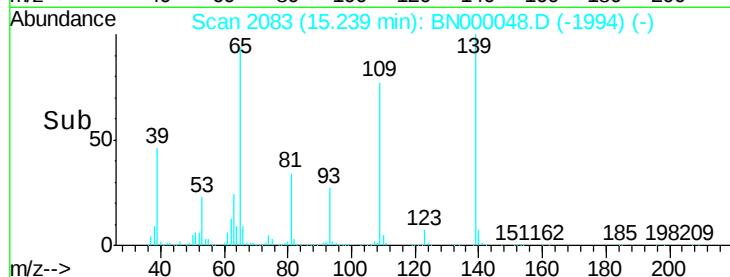
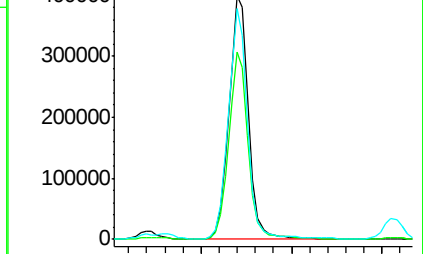
65 94.9 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC



#56

2,4-Dinitrotoluene

Concen: 40.461 ng

RT: 15.42 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Tgt Ion:165 Resp: 892183

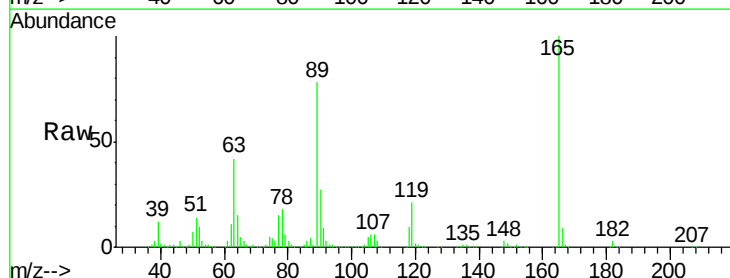
Ion Ratio Lower Upper

165 100

63 41.6 42.0 63.0#

89 78.3 66.9 100.3

182 2.7 2.6 3.8

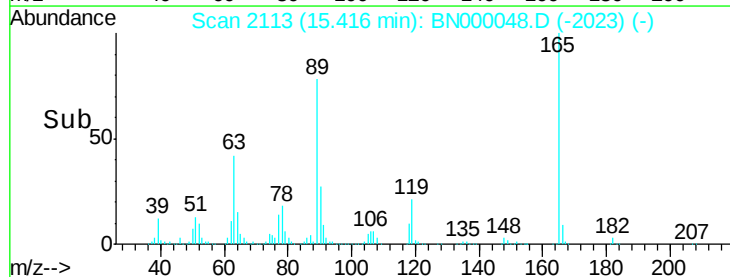
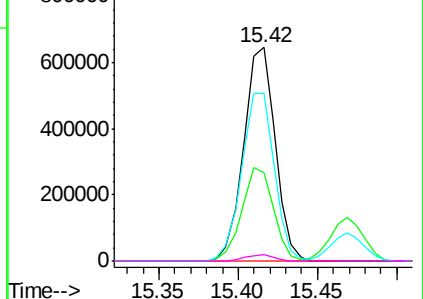


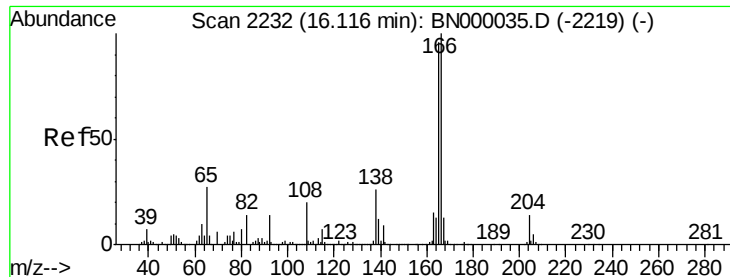
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E

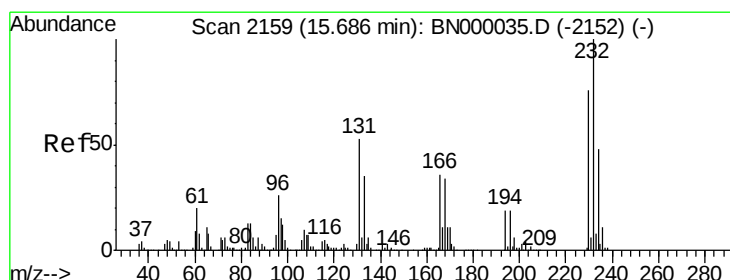
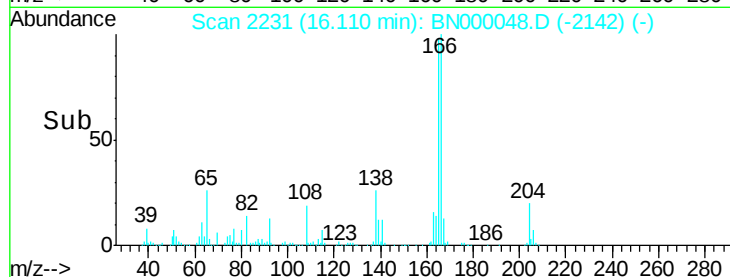
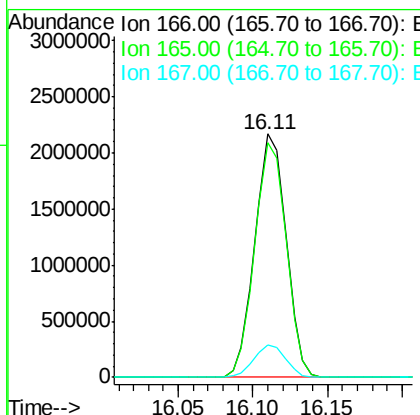
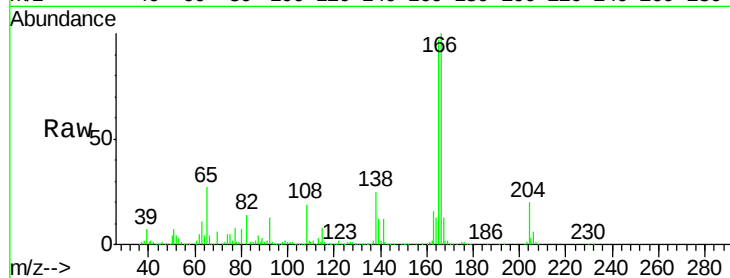




#57
 Fluorene
 Concen: 43.050 ng
 RT: 16.11 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BN000048.D
 Acq: 07 Feb 2018 22:40

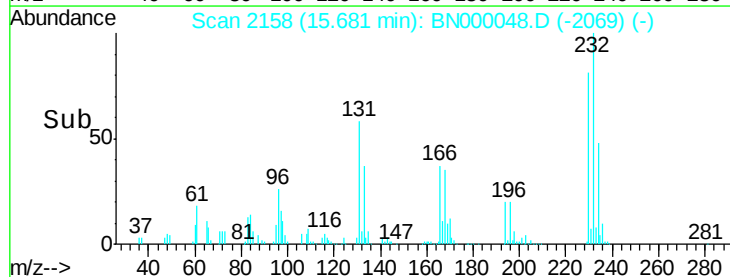
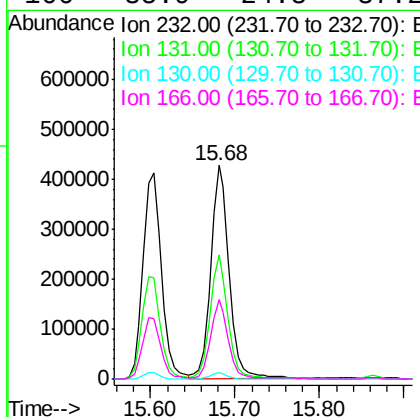
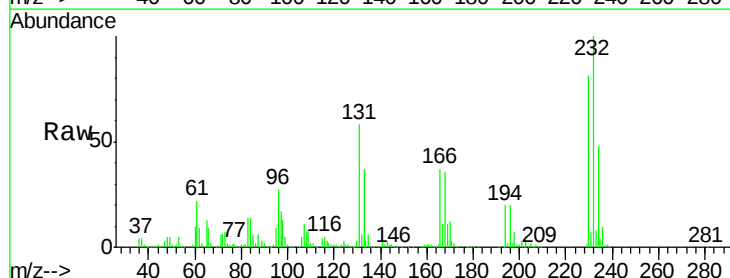
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040EC

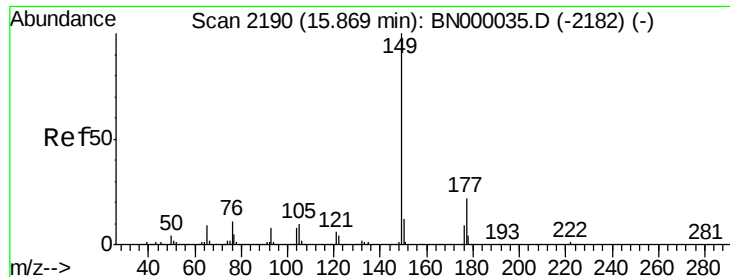
Tot Ion:166 Resp: 3135288
 Ion Ratio Lower Upper
 166 100
 165 96.6 80.6 121.0
 167 13.2 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.947 ng
 RT: 15.68 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BN000048.D
 Acq: 07 Feb 2018 22:40

Tgt Ion:232 Resp: 655040
 Ion Ratio Lower Upper
 232 100
 131 55.7 33.5 50.3#
 130 2.9 2.2 3.2
 166 35.9 24.8 37.2

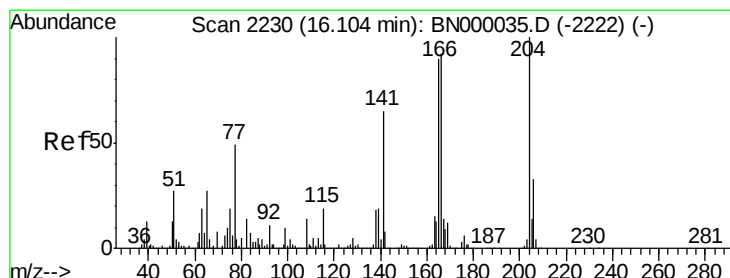
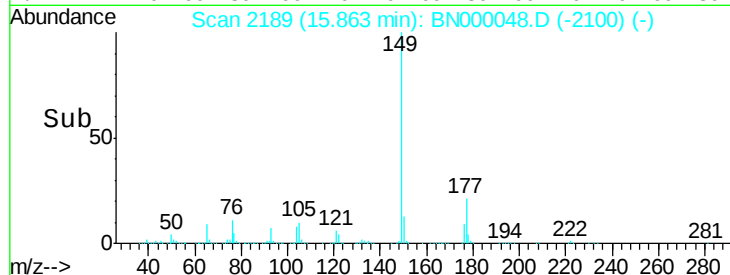
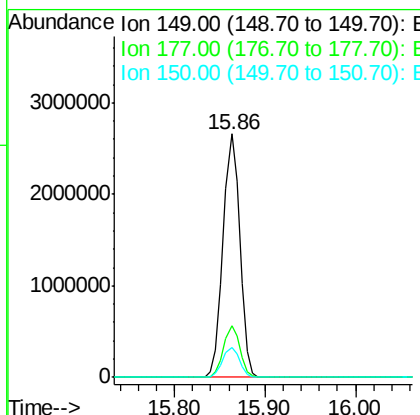
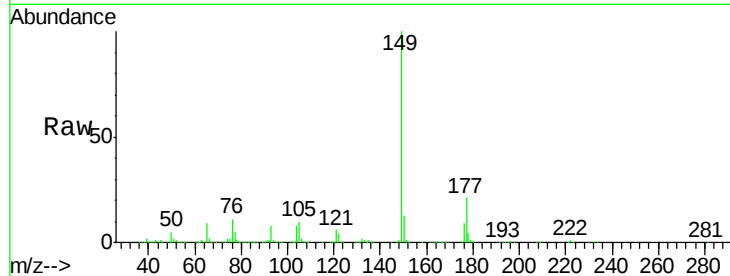




#59
Diethylphthalate
Concen: 43.978 ng
RT: 15.86 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BN000048.D
Acq: 07 Feb 2018 22:40

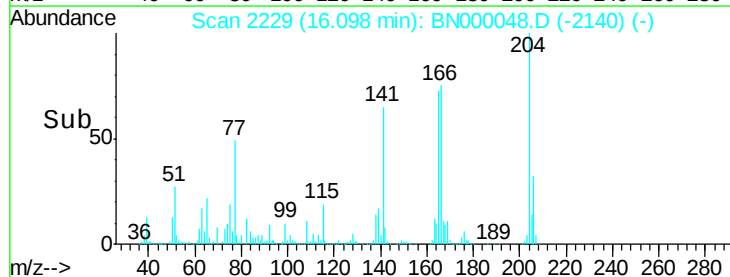
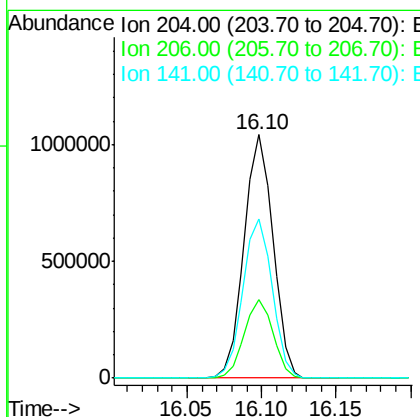
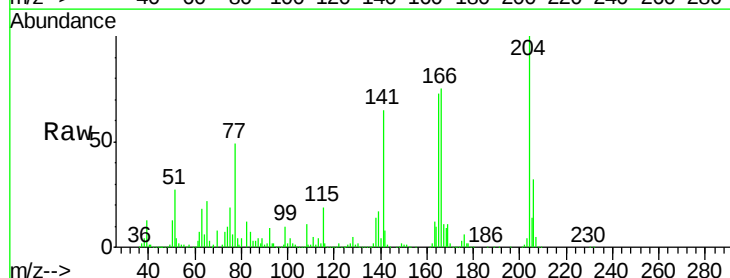
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

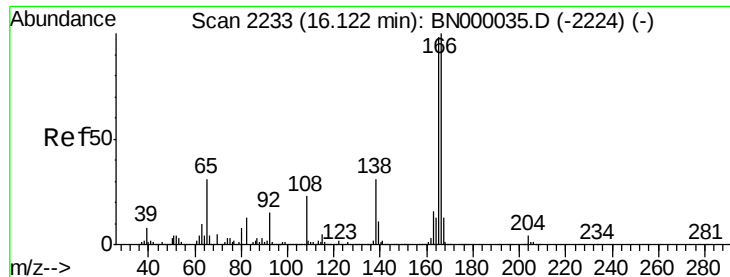
Tot Ion:149 Resp: 3394933
Ion Ratio Lower Upper
149 100
177 21.1 18.5 27.7
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.215 ng
RT: 16.10 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BN000048.D
Acq: 07 Feb 2018 22:40

Tgt Ion:204 Resp: 1401065
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.2
141 65.5 45.8 68.6





#61

4-Nitroaniline

Concen: 44.321 ng

RT: 16.12 min Scan# 2232

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

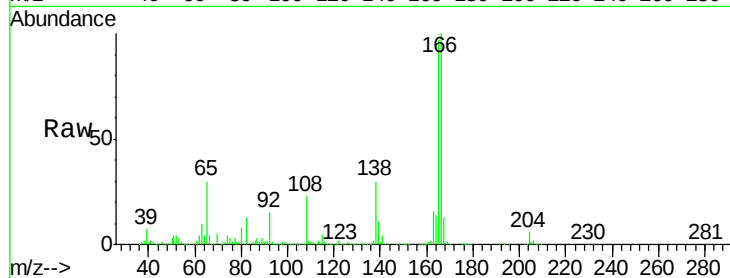
Tot Ion:138 Resp: 868099

Ion Ratio Lower Upper

138 100

92 52.3 40.1 80.1

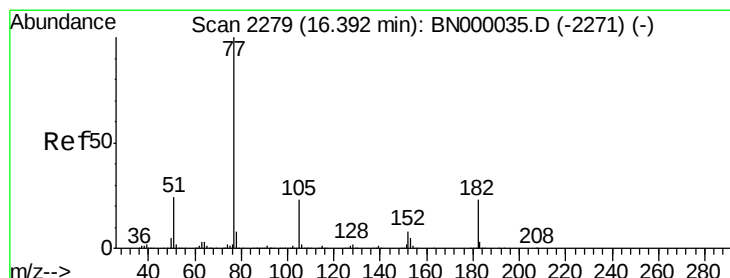
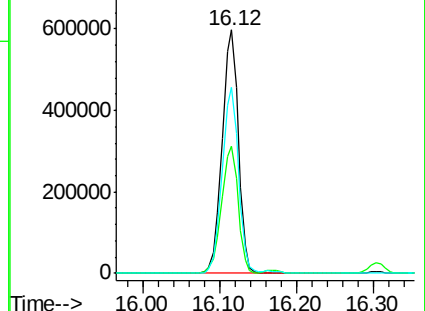
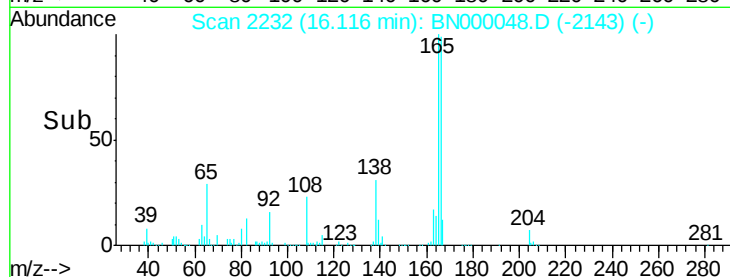
108 76.3 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.092 ng

RT: 16.39 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Tgt Ion: 77 Resp: 3388282

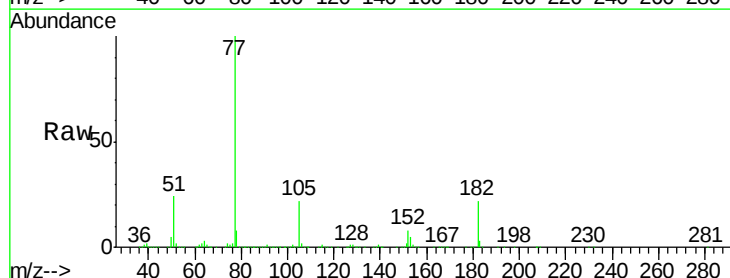
Ion Ratio Lower Upper

77 100

182 21.8 7.4 47.4

105 21.8 0.3 40.3

51 24.0 11.6 51.6

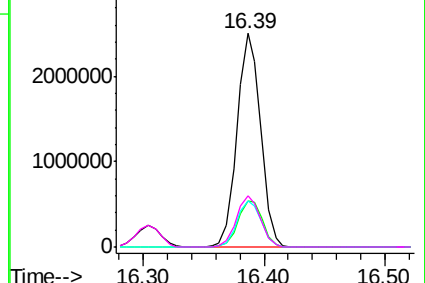
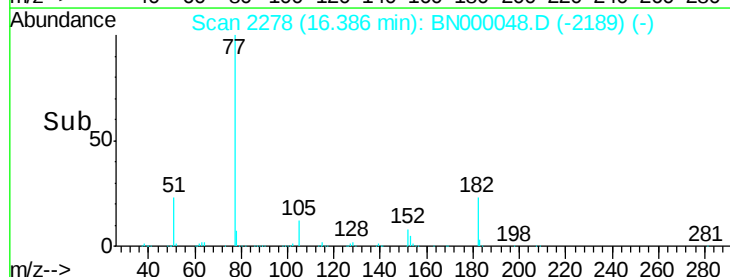


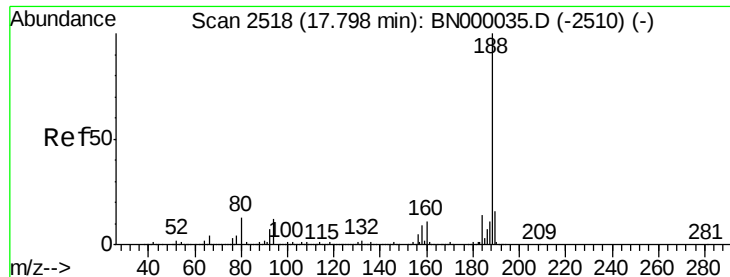
Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BNC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.80 min Scan# 2518

Delta R.T. 0.00 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

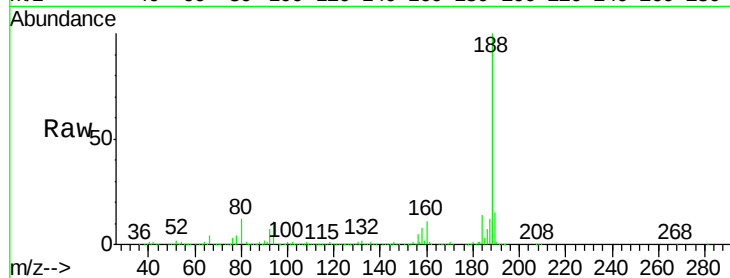
Tot Ion:188 Resp: 1995909

Ion Ratio Lower Upper

188 100

94 11.2 6.9 10.3#

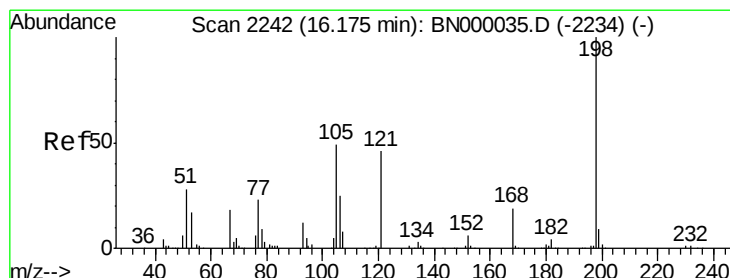
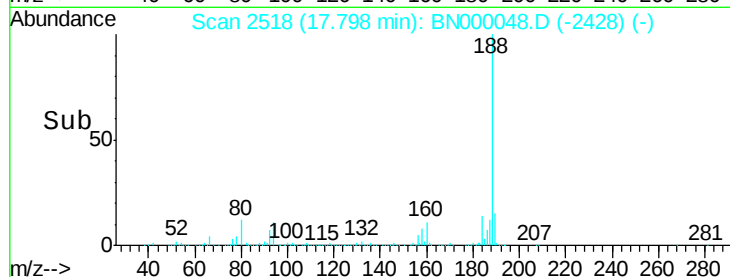
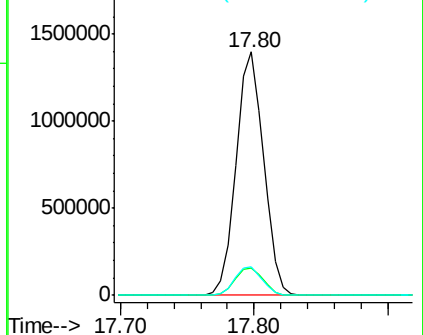
80 12.0 7.7 11.5#



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: 36.792 ng

RT: 16.17 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

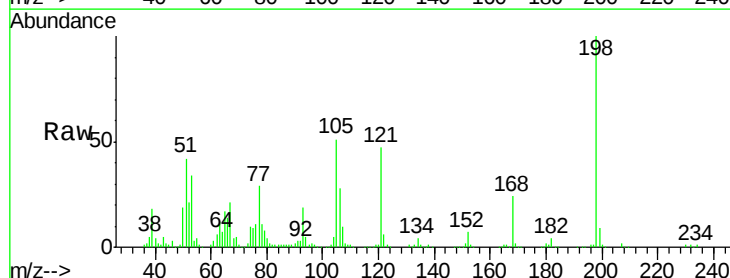
Tgt Ion:198 Resp: 324217

Ion Ratio Lower Upper

198 100

51 41.7 30.6 70.6

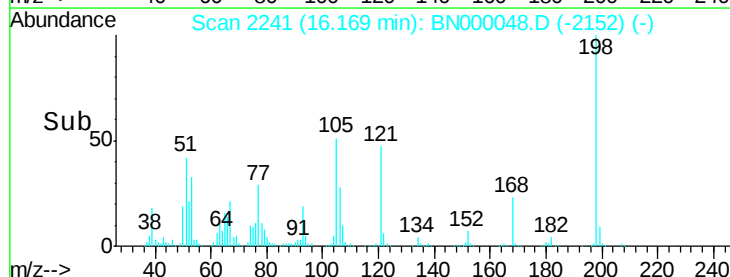
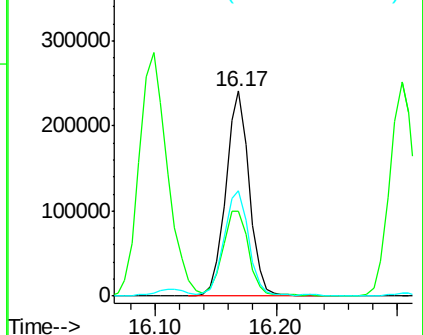
105 51.4 23.8 63.8

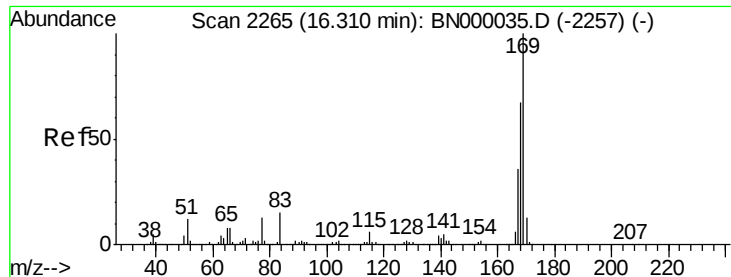


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

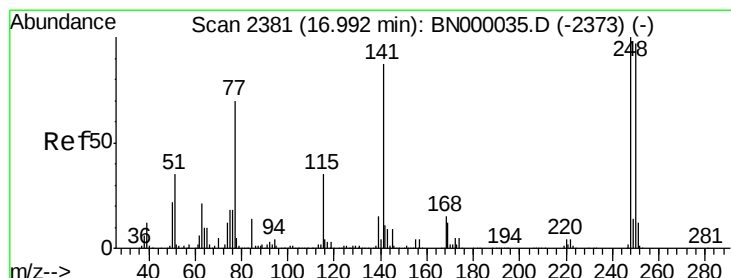
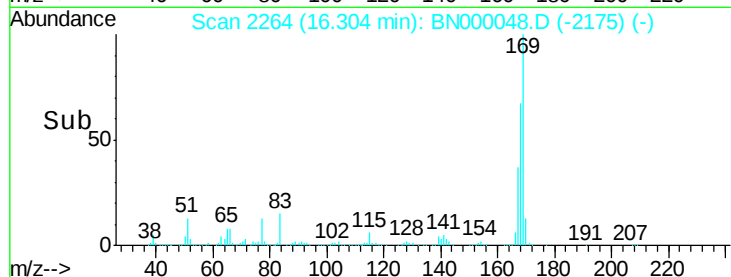
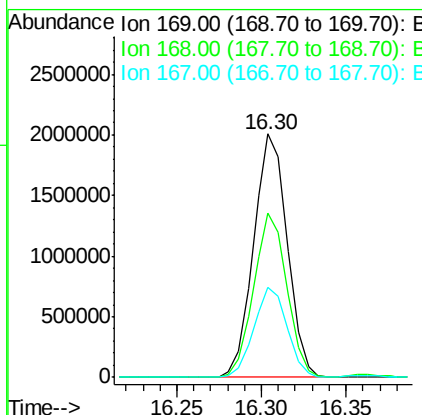
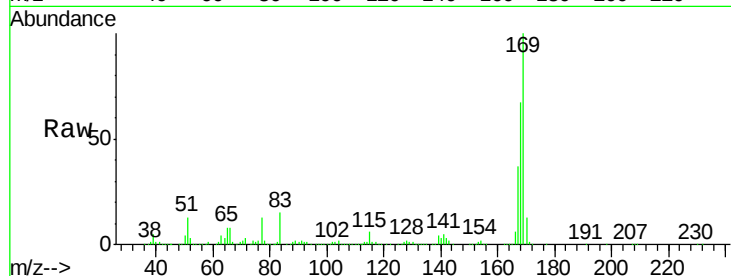




#65
n-Nitrosodiphenylamine
Concen: 42.680 ng
RT: 16.30 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BN000048.D
Acq: 07 Feb 2018 22:40

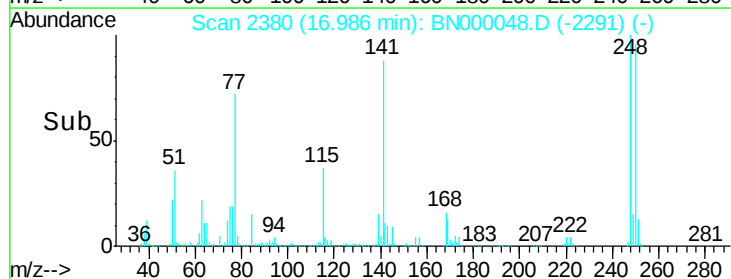
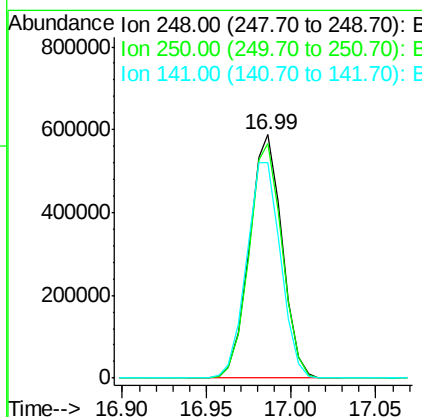
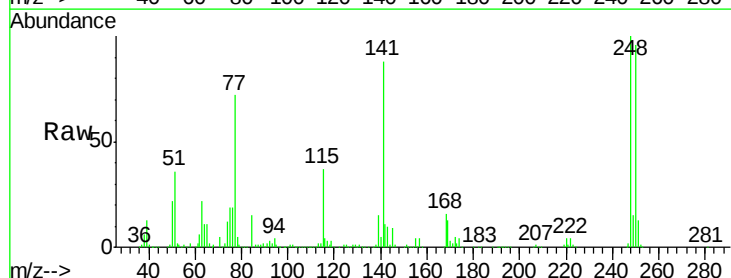
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

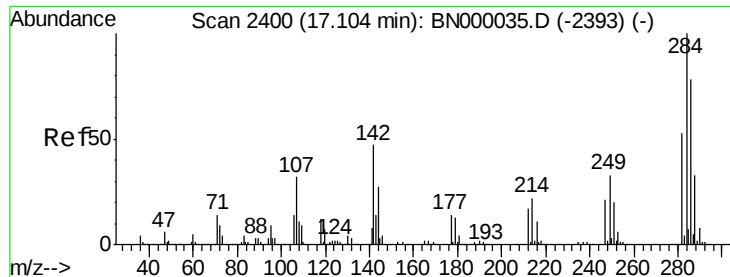
Tot Ion:169 Resp: 2771834
Ion Ratio Lower Upper
169 100
168 67.4 55.7 83.5
167 37.0 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 41.654 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BN000048.D
Acq: 07 Feb 2018 22:40

Tgt Ion:248 Resp: 790599
Ion Ratio Lower Upper
248 100
250 96.5 77.1 115.7
141 88.4 50.8 76.2#

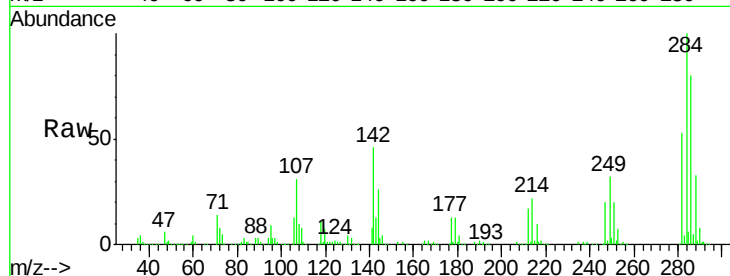




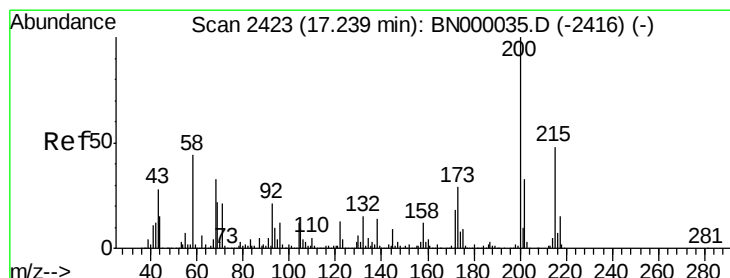
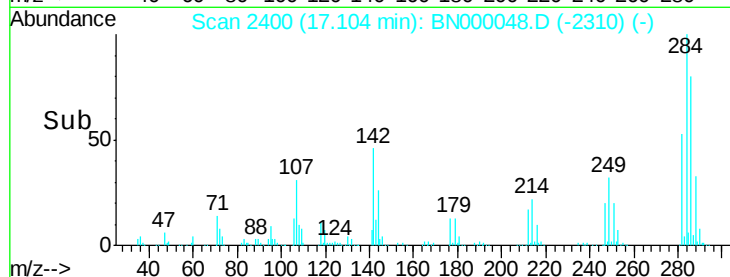
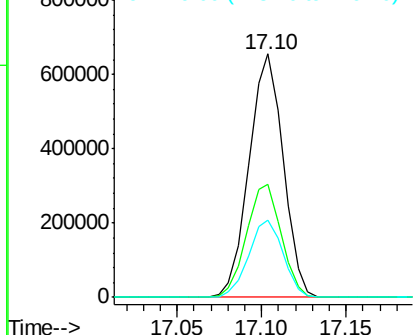
#67
Hexachlorobenzene
Concen: 41.785 ng
RT: 17.10 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BN000048.D
Acq: 07 Feb 2018 22:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

Tot Ion:284 Resp: 926188
Ion Ratio Lower Upper
284 100
142 46.2 26.8 40.2#
249 31.6 26.3 39.5

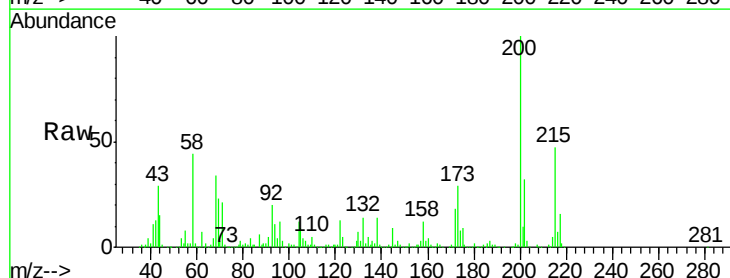


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

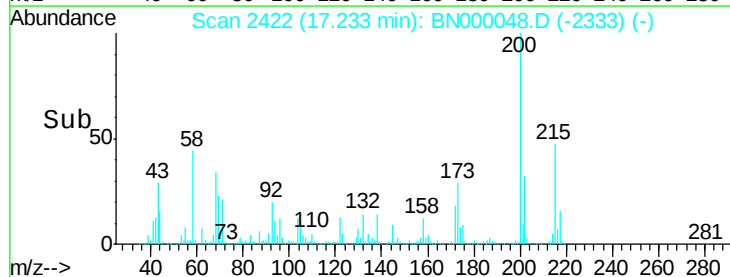
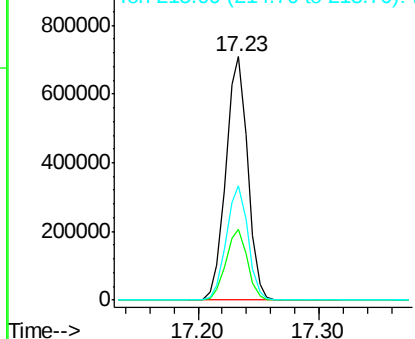


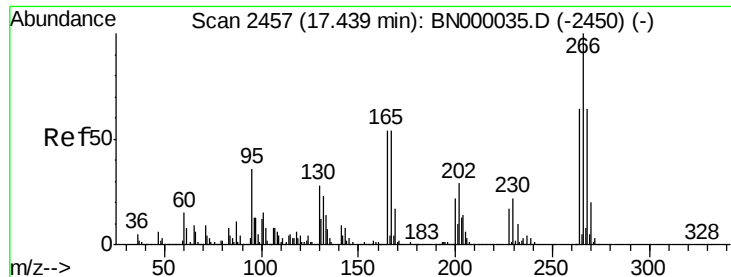
#68
Atrazine
Concen: 42.059 ng
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BN000048.D
Acq: 07 Feb 2018 22:40

Tgt Ion:200 Resp: 888987
Ion Ratio Lower Upper
200 100
173 29.0 5.2 45.2
215 47.2 30.4 70.4



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





#69

Pentachlorophenol

Concen: 38.683 ng

RT: 17.44 min Scan# 2457

Delta R.T. 0.00 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

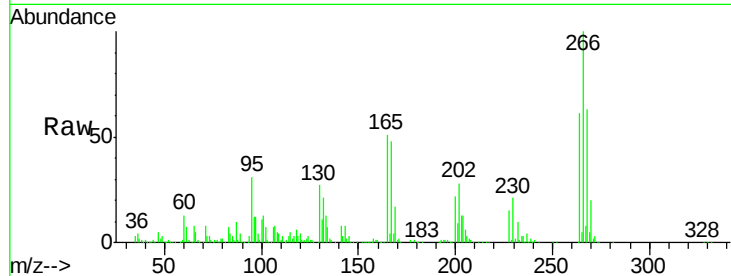
Tot Ion:266 Resp: 540798

Ion Ratio Lower Upper

266 100

268 63.4 51.1 76.7

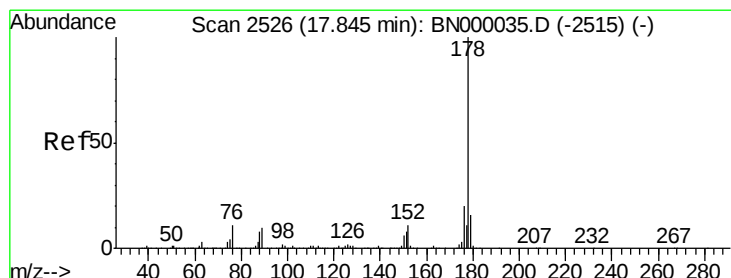
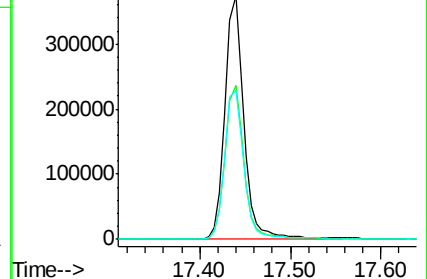
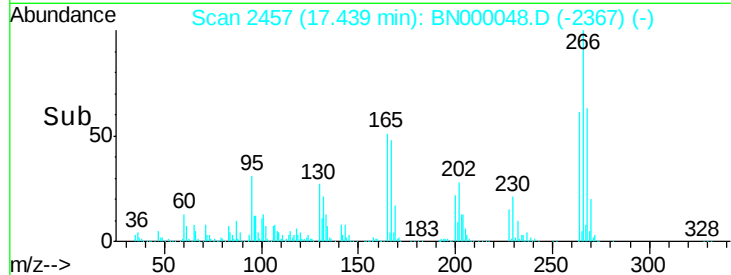
264 61.2 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 42.528 ng

RT: 17.84 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

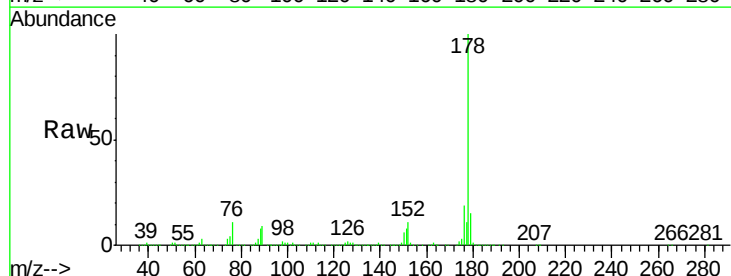
Tgt Ion:178 Resp: 5013894

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

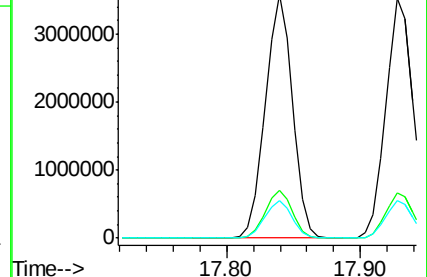
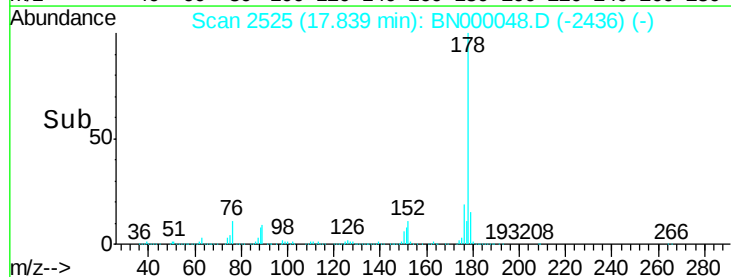
179 15.5 12.5 18.7

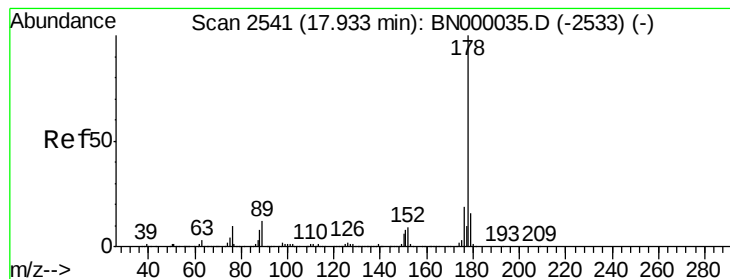


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 43.846 ng

RT: 17.93 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

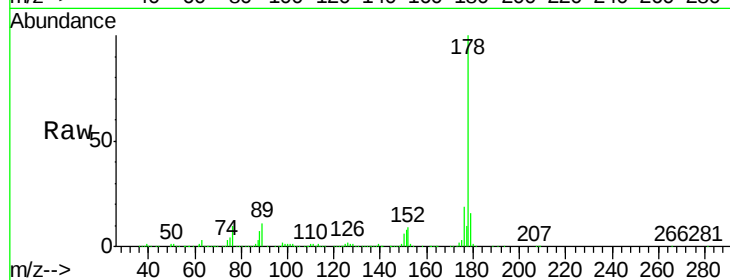
BNA_N

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 5005266

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	15.8	12.5	18.7

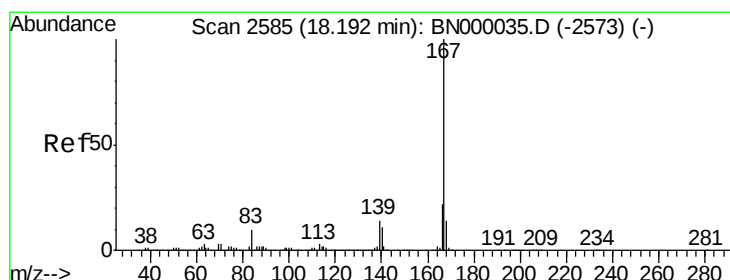
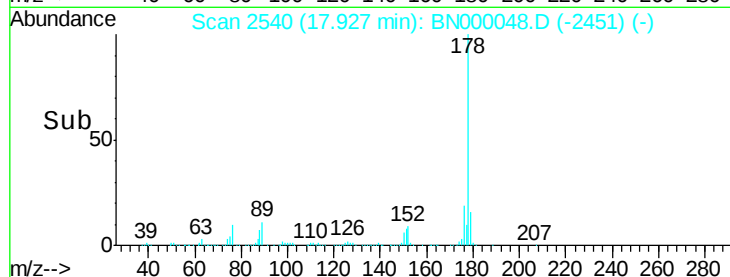
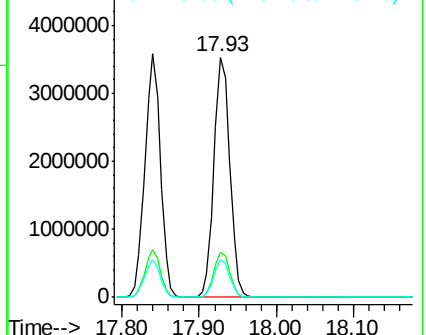


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.318 ng

RT: 18.19 min Scan# 2584

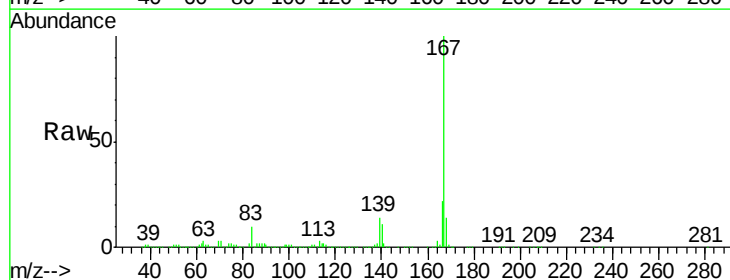
Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Tgt Ion:167 Resp: 5096755

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	13.9	9.4	14.2

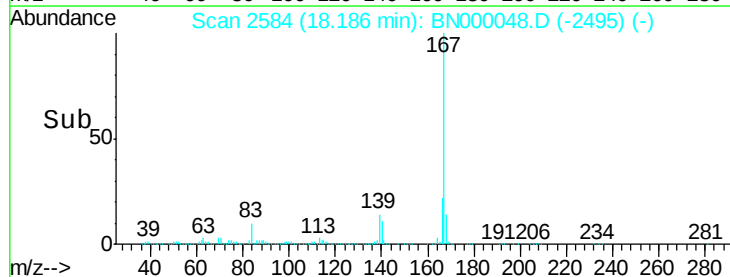
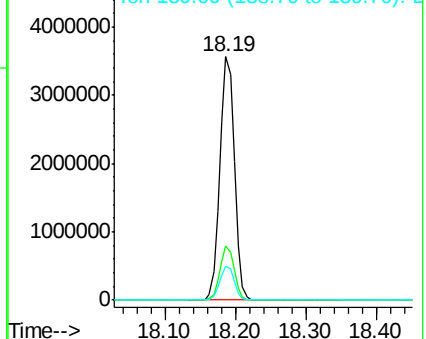


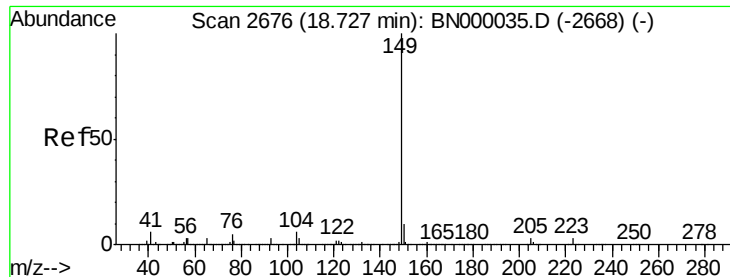
Abundance

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: 44.359 ng

RT: 18.72 min Scan# 2675

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

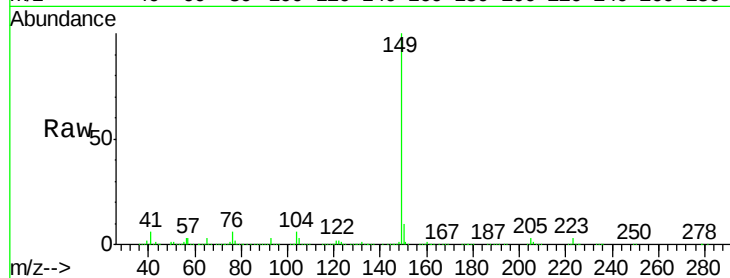
Tot Ion:149 Resp: 5631806

Ion Ratio Lower Upper

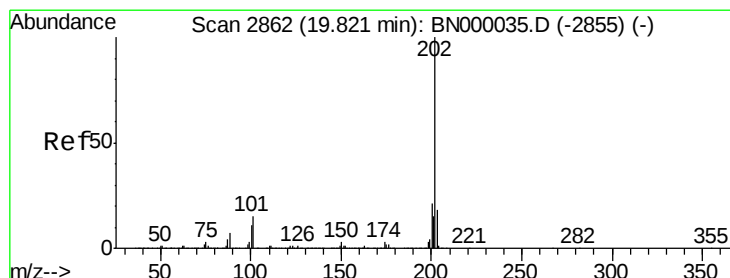
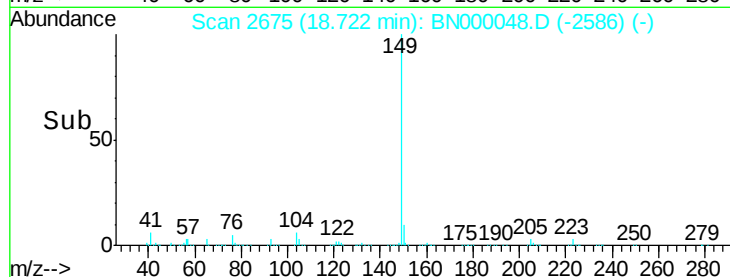
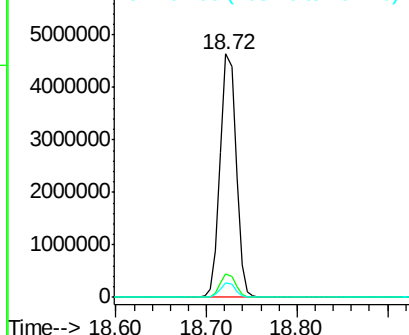
149 100

150 9.8 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: 45.120 ng

RT: 19.82 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

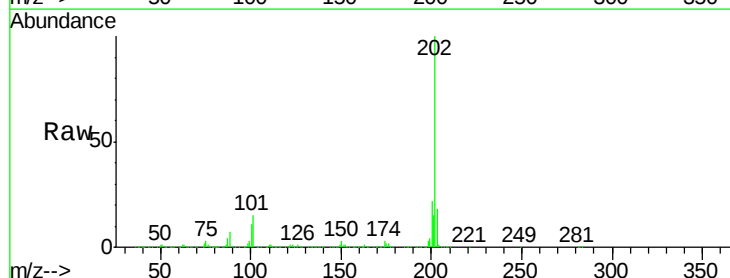
Tgt Ion:202 Resp: 5580702

Ion Ratio Lower Upper

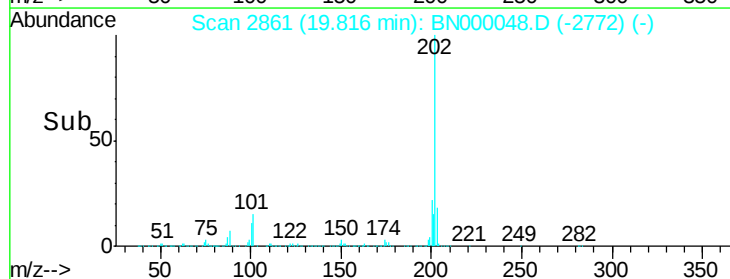
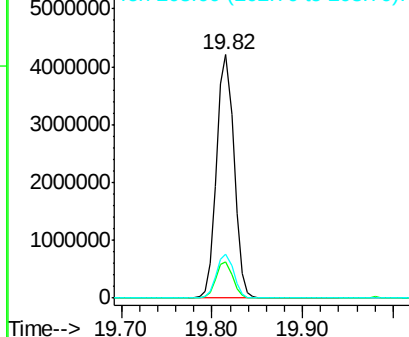
202 100

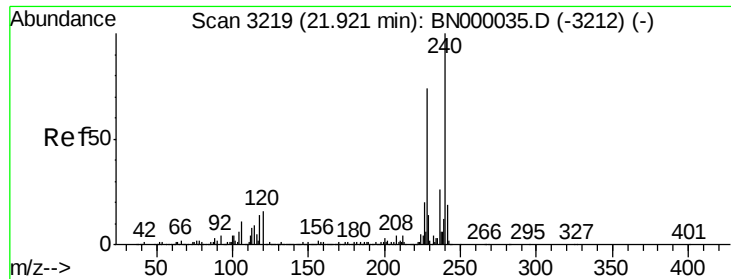
101 14.6 0.0 28.9

203 17.9 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: 21.92 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

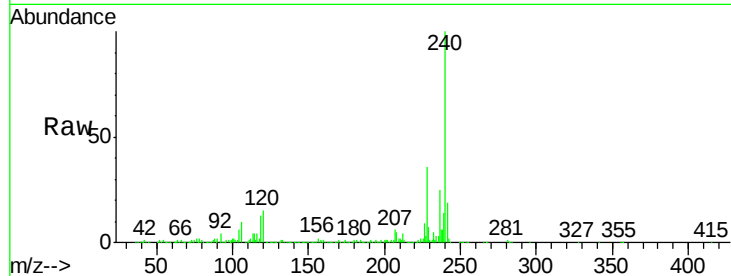
Tot Ion:240 Resp: 2240005

Ion Ratio Lower Upper

240 100

120 14.7 6.8 10.2#

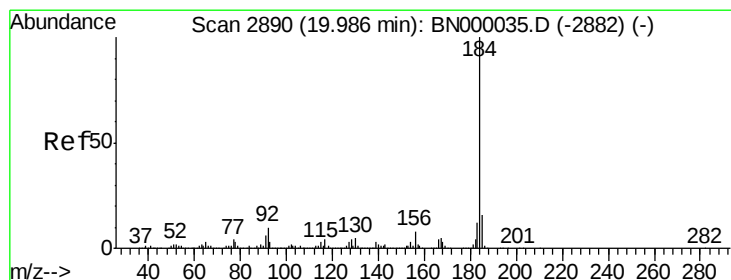
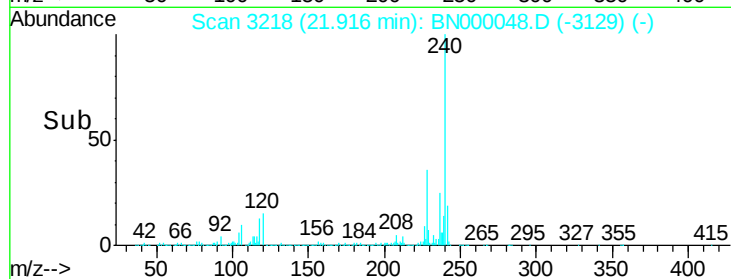
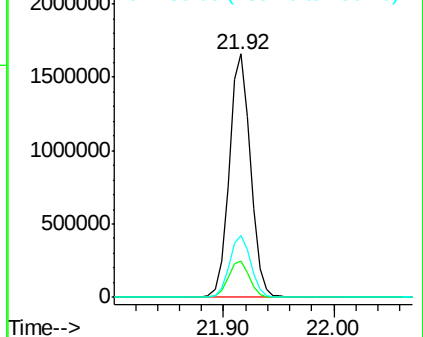
236 25.5 20.9 31.3



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: 39.405 ng

RT: 19.98 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

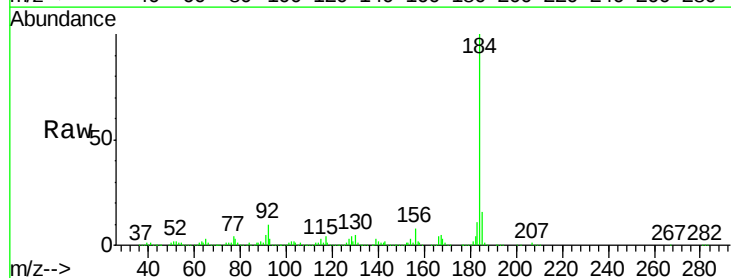
Tgt Ion:184 Resp: 2813730

Ion Ratio Lower Upper

184 100

185 16.4 11.1 16.7

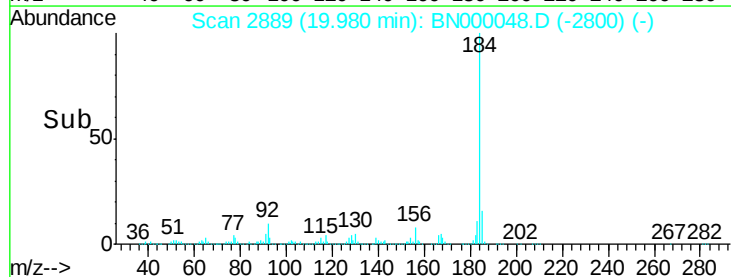
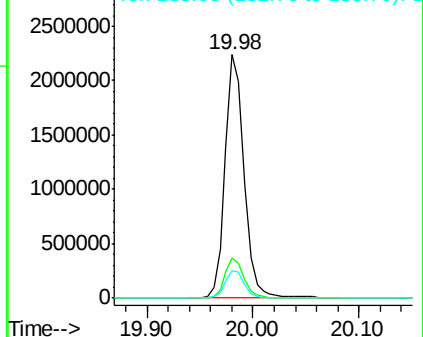
183 11.3 10.6 16.0

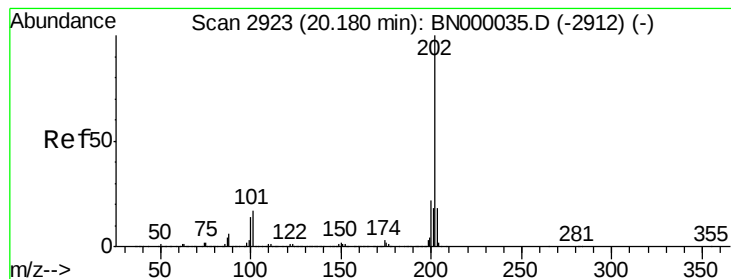


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.614 ng

RT: 20.17 min Scan# 2922

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

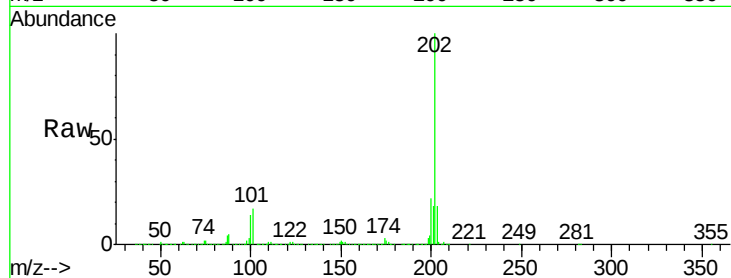
Tot Ion:202 Resp: 6066848

Ion Ratio Lower Upper

202 100

200 22.0 16.9 25.3

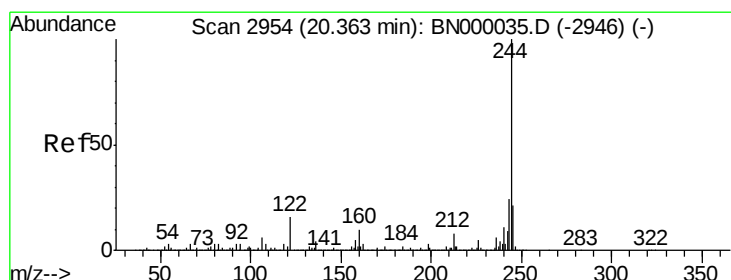
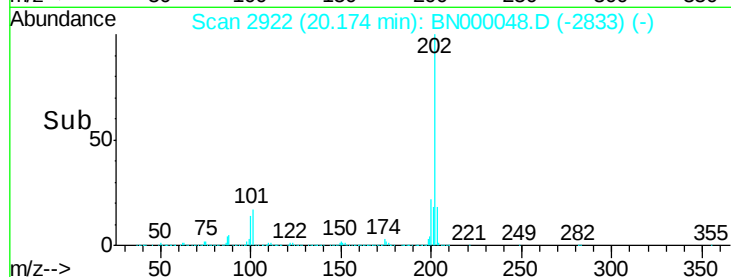
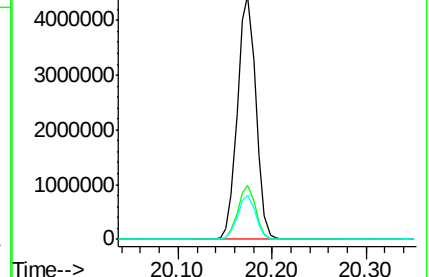
203 18.1 13.9 20.9



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: 86.299 ng

RT: 20.36 min Scan# 2953

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

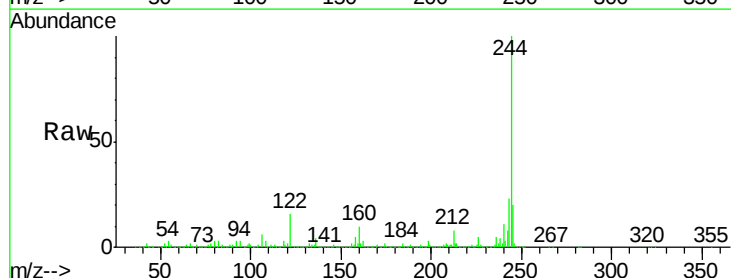
Tgt Ion:244 Resp: 7159242

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

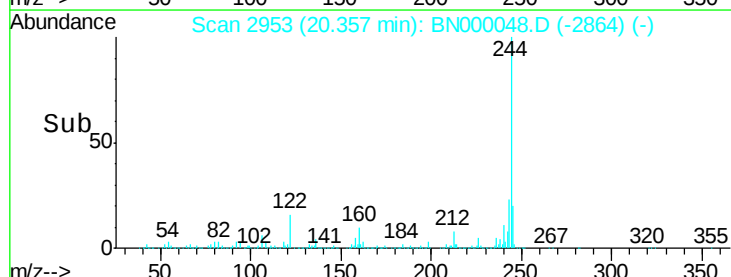
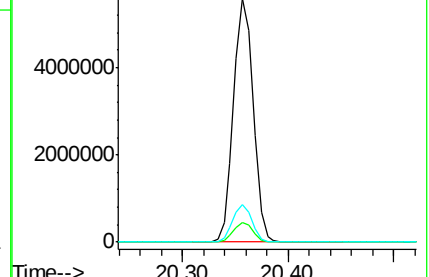
122 15.7 7.0 10.4#

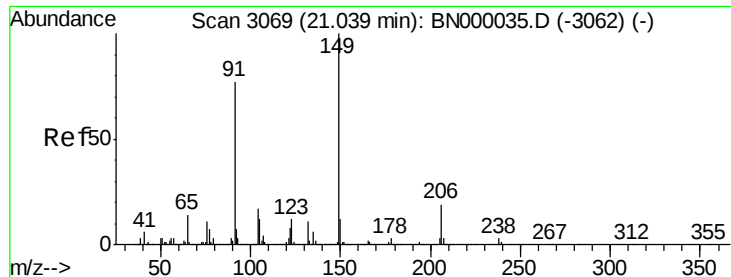


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

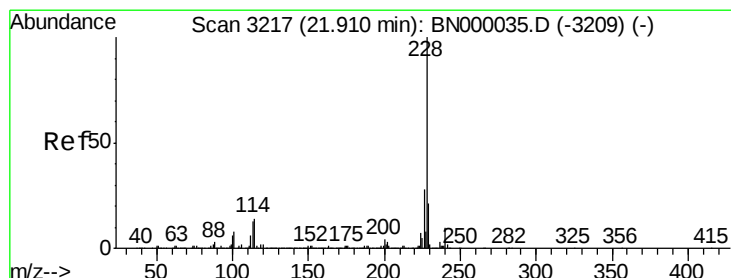
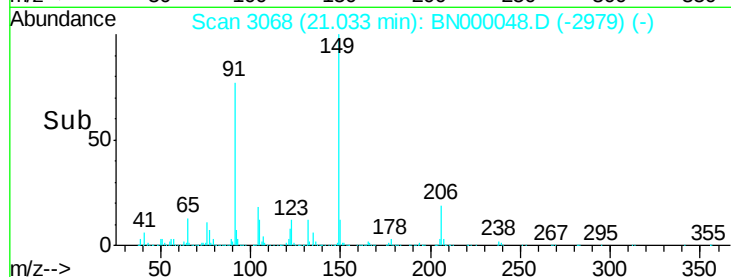
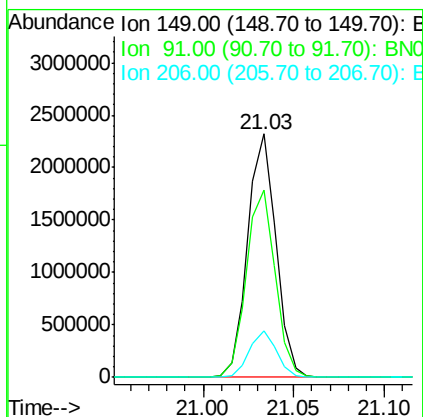
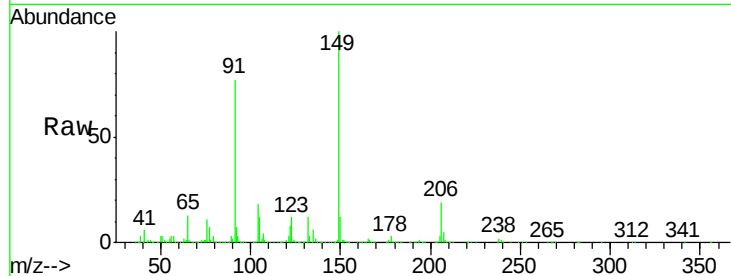




#79
Butylbenzylphthalate
Concen: 38.551 ng
RT: 21.03 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN000048.D
Acq: 07 Feb 2018 22:40

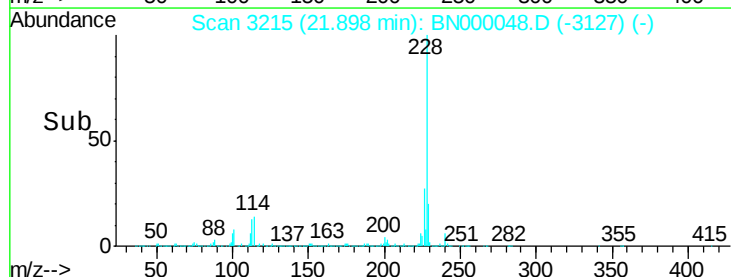
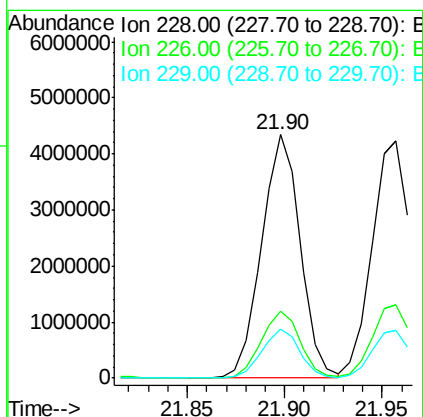
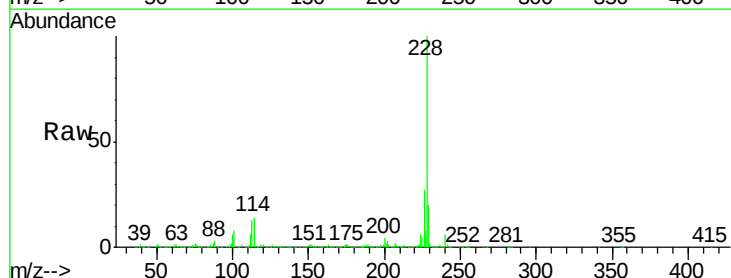
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

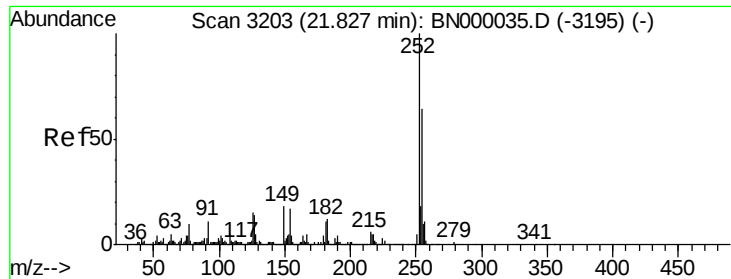
Tot Ion:149 Resp: 2523165
Ion Ratio Lower Upper
149 100
91 77.1 62.2 93.2
206 19.0 18.6 27.8



#80
Benzo(a)anthracene
Concen: 43.178 ng
RT: 21.90 min Scan# 3215
Delta R.T. -0.01 min
Lab File: BN000048.D
Acq: 07 Feb 2018 22:40

Tgt Ion:228 Resp: 5944788
Ion Ratio Lower Upper
228 100
226 27.5 22.7 34.1
229 20.2 16.2 24.2

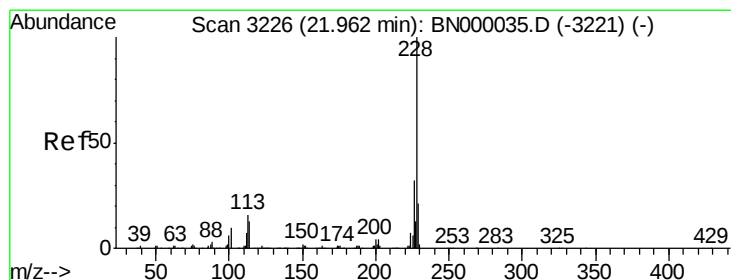
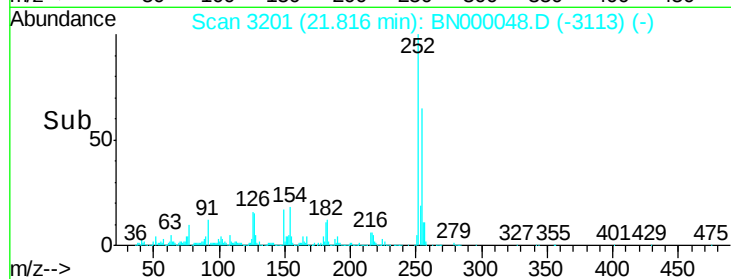
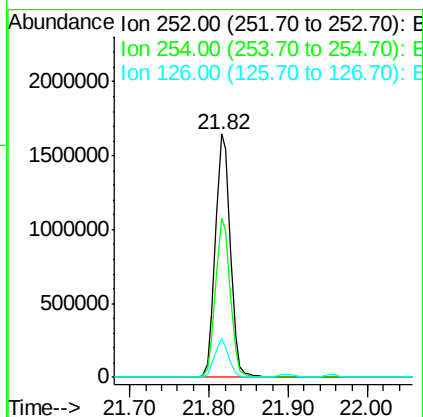
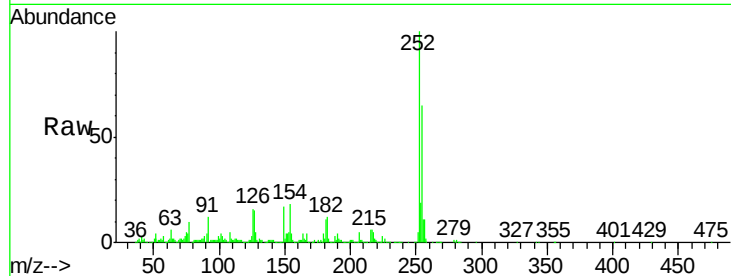




#81
 3,3'-Dichlorobenzidine
 Concen: 42.820 ng
 RT: 21.82 min Scan# 3201
 Delta R.T. -0.01 min
 Lab File: BN000048.D
 Acq: 07 Feb 2018 22:40

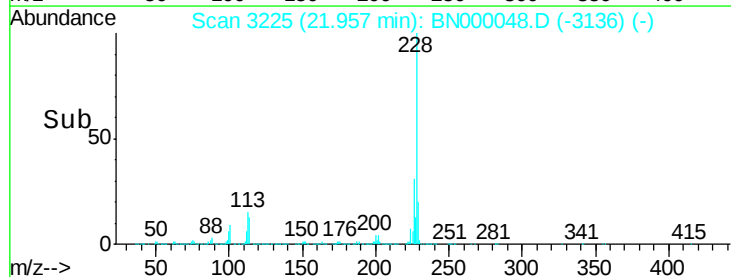
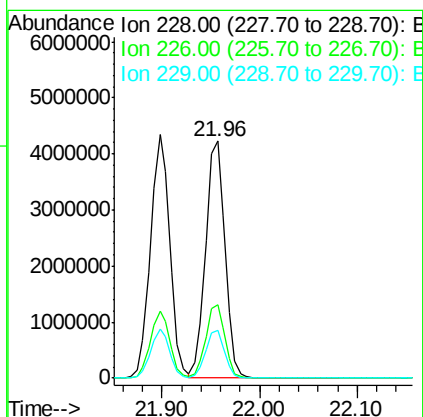
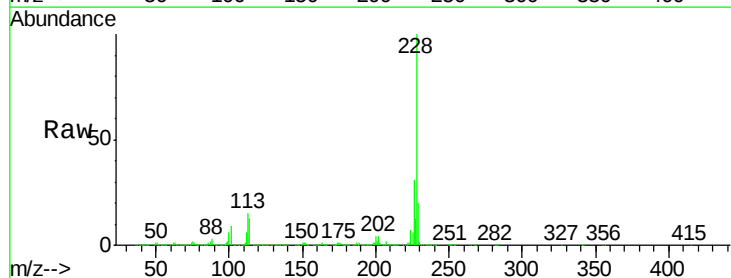
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040EC

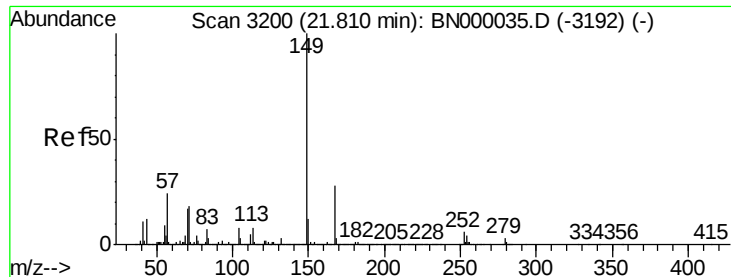
Tot Ion:252 Resp: 2165421
 Ion Ratio Lower Upper
 252 100
 254 65.5 50.8 76.2
 126 15.8 7.4 11.2#



#82
 Chrysene
 Concen: 42.311 ng
 RT: 21.96 min Scan# 3225
 Delta R.T. -0.01 min
 Lab File: BN000048.D
 Acq: 07 Feb 2018 22:40

Tgt Ion:228 Resp: 5805269
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.9 37.3
 229 20.0 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.375 ng

RT: 21.80 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

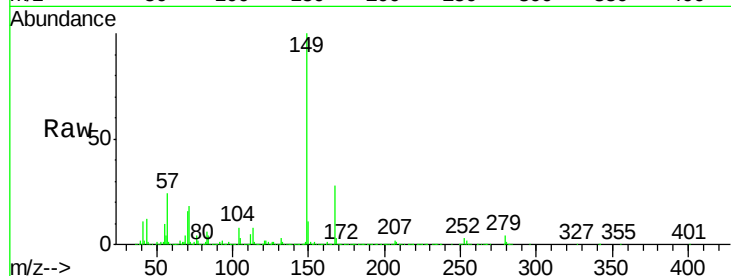
BNA_N

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 3997416

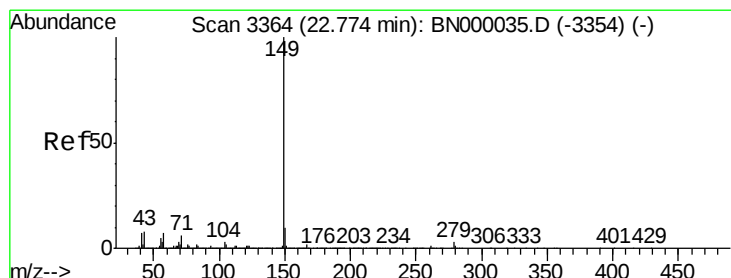
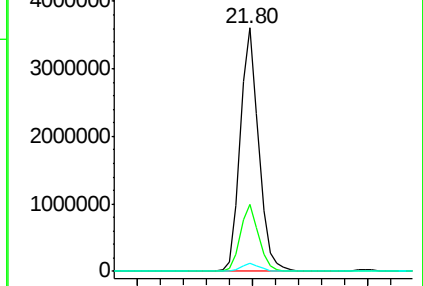
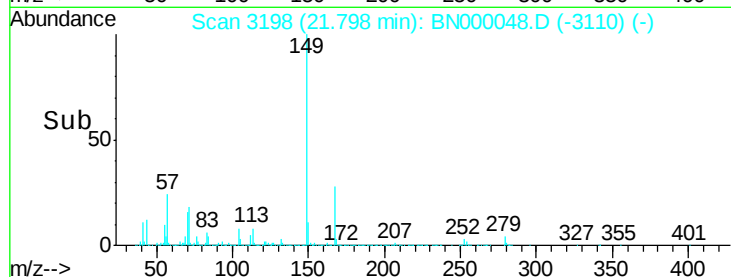
Ion	Ratio	Lower	Upper
149	100		
167	27.6	24.3	36.5
279	3.5	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.910 ng

RT: 22.76 min Scan# 3361

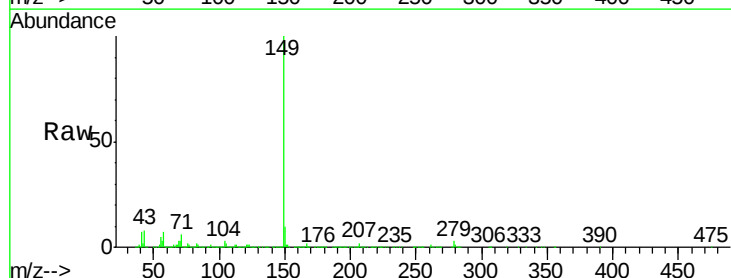
Delta R.T. -0.02 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Tgt Ion:149 Resp: 6336887

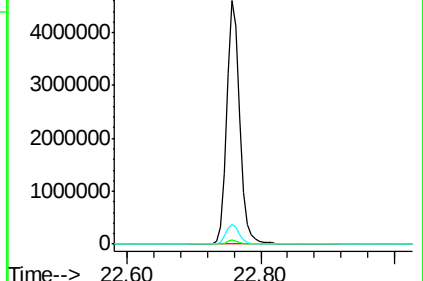
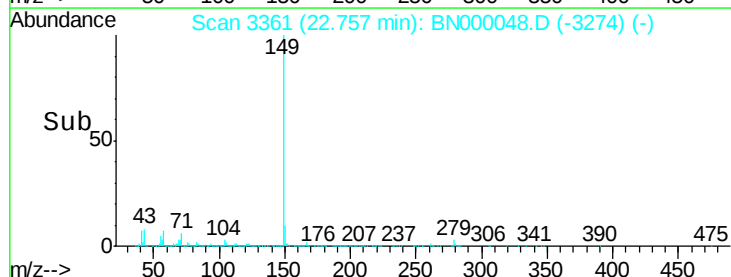
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.4	2.0
43	8.5	8.9	13.3

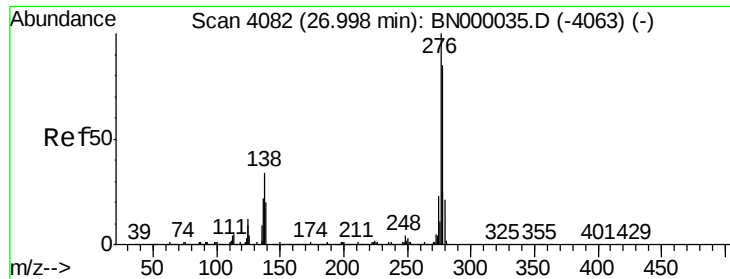


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC



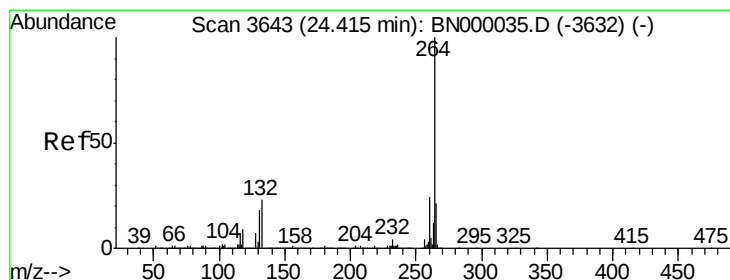
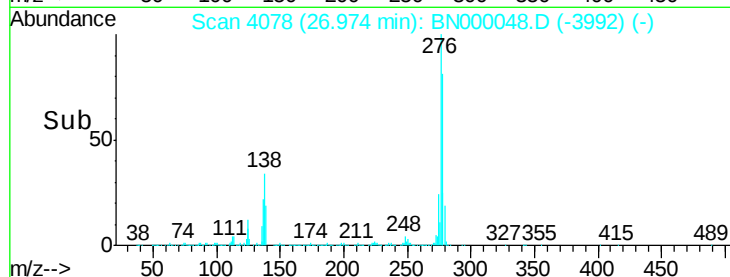
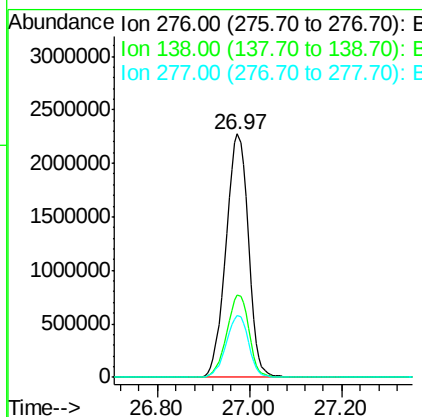
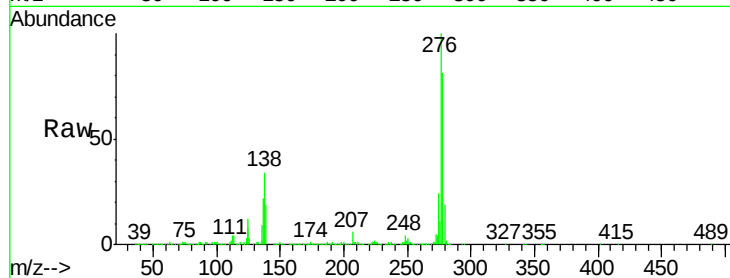


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.610 ng
 RT: 26.97 min Scan# 4078
 Delta R.T. -0.02 min
 Lab File: BN000048.D
 Acq: 07 Feb 2018 22:40

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:276 Resp: 7687284

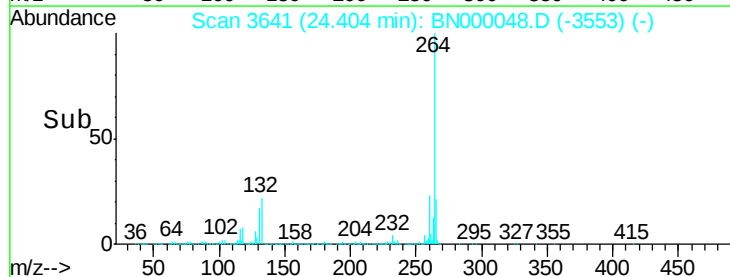
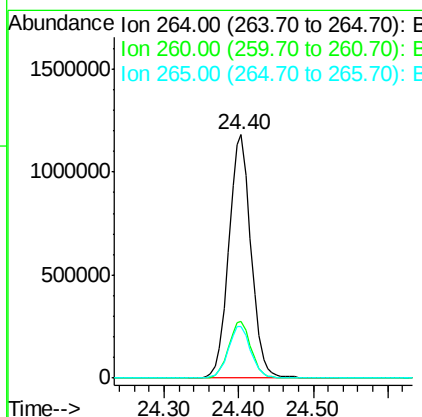
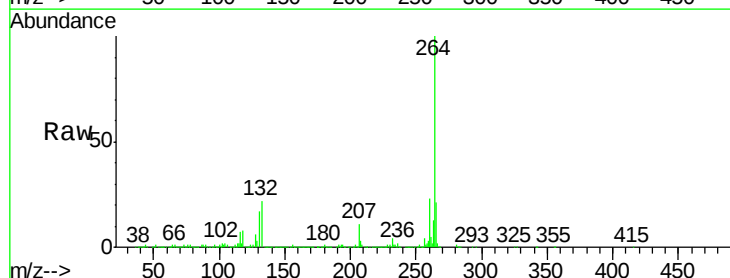
Ion	Ratio	Lower	Upper
276	100		
138	33.5	16.0	24.0#
277	25.4	20.0	30.0

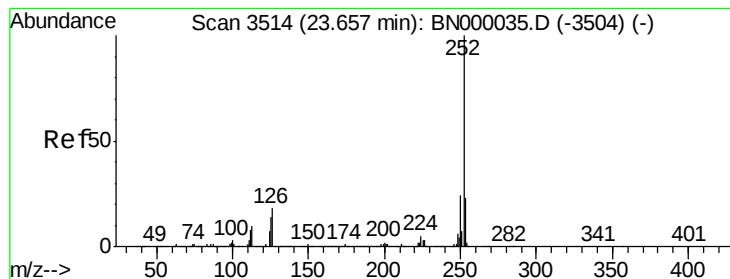


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.40 min Scan# 3641
 Delta R.T. -0.01 min
 Lab File: BN000048.D
 Acq: 07 Feb 2018 22:40

Tgt Ion:264 Resp: 2446243

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.4	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 42.253 ng

RT: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

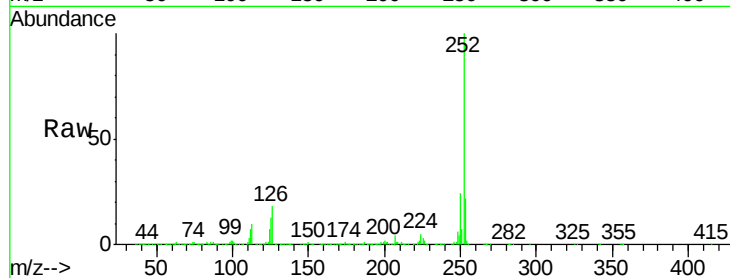
Tot Ion:252 Resp: 6049987

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

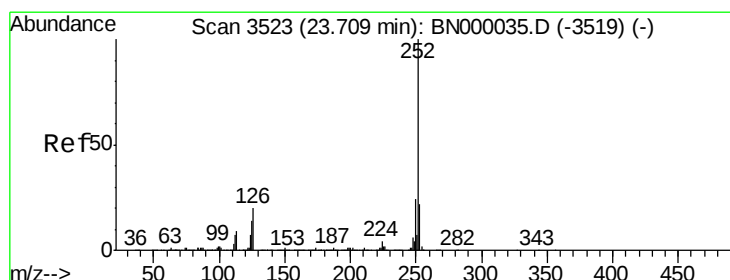
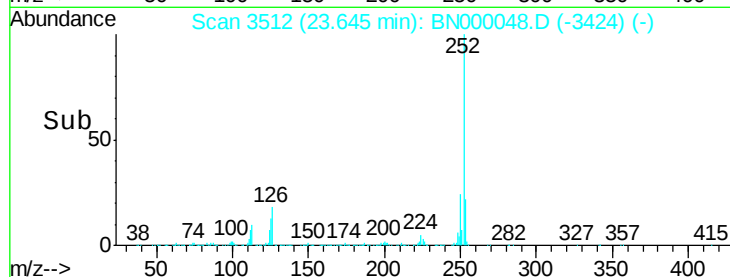
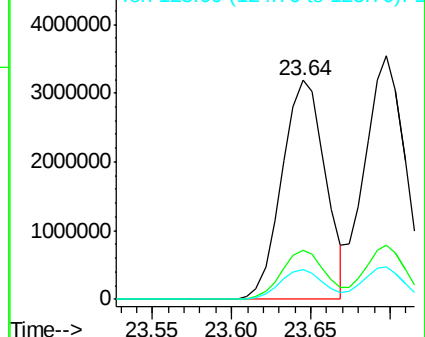
125 13.4 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.175 ng

RT: 23.70 min Scan# 3521

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

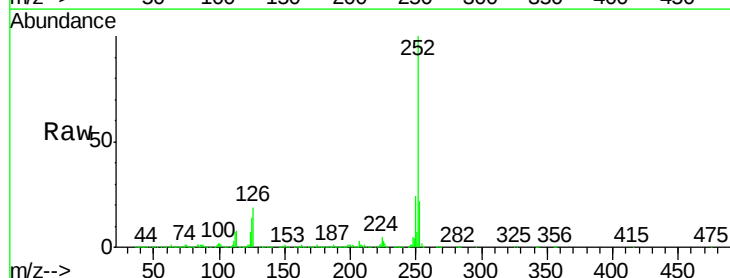
Tgt Ion:252 Resp: 6370605

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

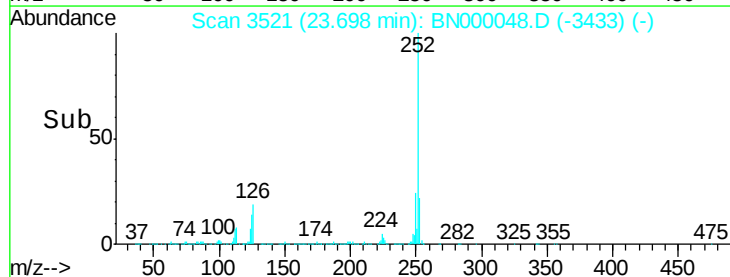
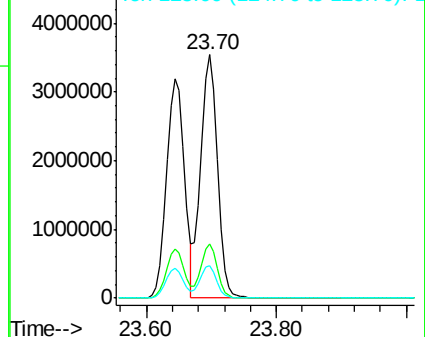
125 13.5 6.6 9.8#

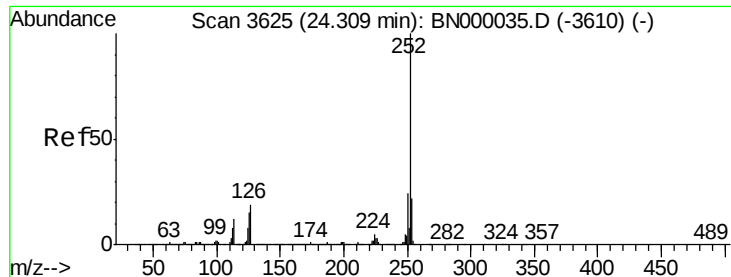


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.754 ng

RT: 24.30 min Scan# 3623

Delta R.T. -0.01 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

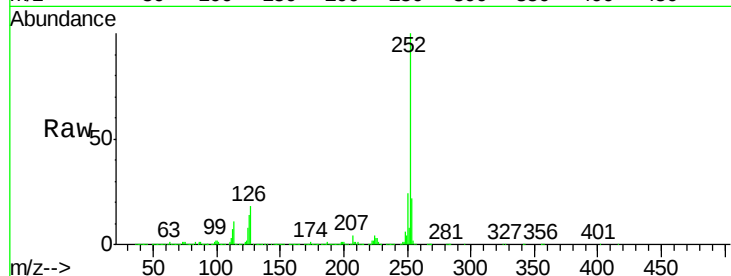
Tot Ion:252 Resp: 6007947

Ion Ratio Lower Upper

252 100

253 21.7 18.3 27.5

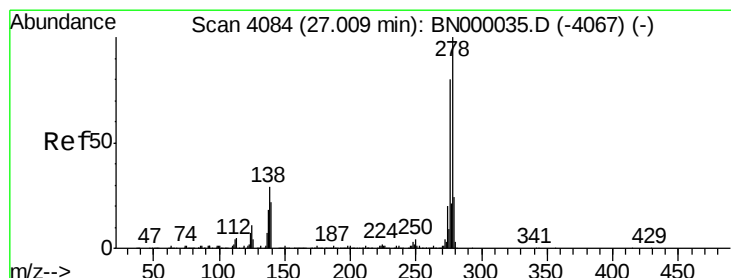
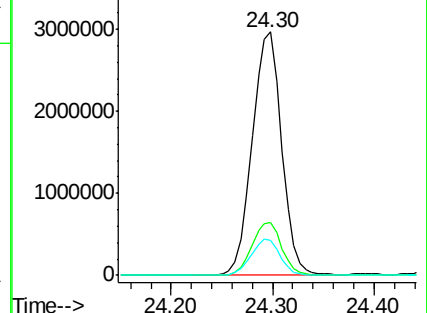
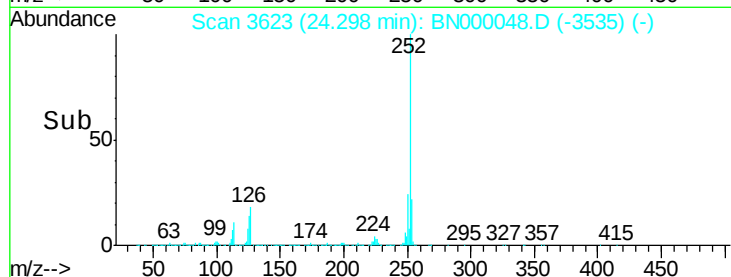
125 14.2 7.3 10.9#



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: 44.862 ng

RT: 26.99 min Scan# 4080

Delta R.T. -0.02 min

Lab File: BN000048.D

Acq: 07 Feb 2018 22:40

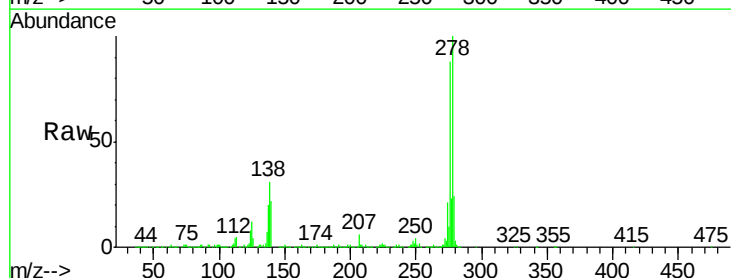
Tgt Ion:278 Resp: 6441892

Ion Ratio Lower Upper

278 100

139 21.8 9.8 14.6#

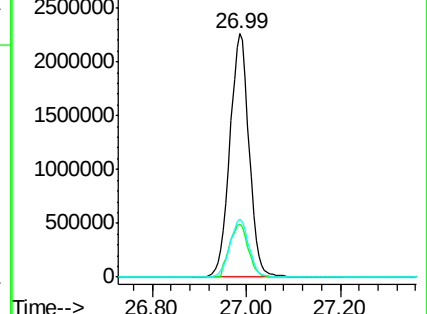
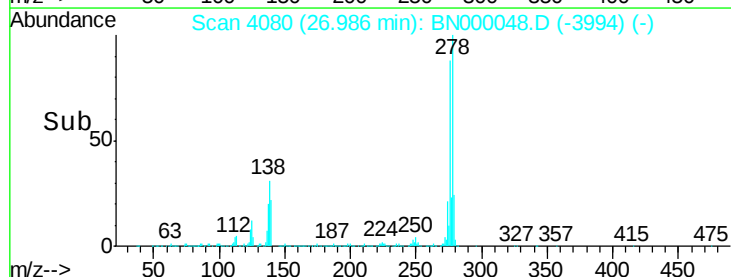
279 23.7 18.4 27.6

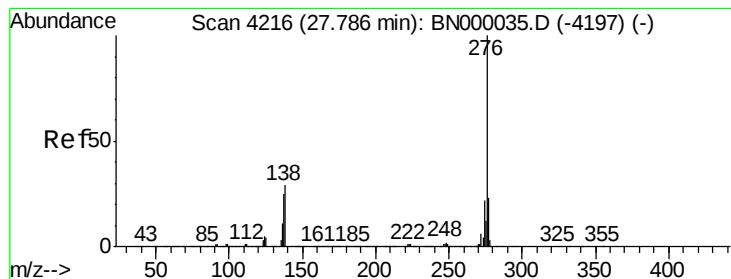


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 44.298 ng
 RT: 27.76 min Scan# 4212
 Delta R.T. -0.02 min
 Lab File: BN000048.D
 Acq: 07 Feb 2018 22:40

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:276 Resp: 6432180
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.3 27.5
 138 29.7 13.9 20.9#

