

Data Path : Z:\HPCHEM1\BNA N\Data\BN021218\
 Data File : BN000059.D
 Acq On : 12 Feb 2018 10:16
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 12 14:55:57 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	8.463	152	243455	20.00	ng	0.00
21) Naphthalene-d8	11.304	136	1224686	20.00	ng	0.00
38) Acenaphthene-d10	15.075	164	745329	20.00	ng	0.00
63) Phenanthrene-d10	17.792	188	1694410	20.00	ng	0.00
75) Chrysene-d12	21.910	240	2054106	20.00	ng	-0.01
86) Perylene-d12	24.392	264	2305780	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.940	112	1189549	79.63	ng	0.00
7) Phenol-d6	7.587	99	1811884	80.07	ng	0.00
23) Nitrobenzene-d5	9.646	82	1608613	78.09	ng	0.00
41) 2,4,6-Tribromophenol	16.545	330	566733	76.82	ng	0.00
44) 2-Fluorobiphenyl	13.704	172	4091550	77.37	ng	-0.01
78) Terphenyl-d14	20.357	244	5883023	77.33	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.658	88	239985	39.93	ng	94
3) Pyridine	4.099	79	767188	41.00	ng	98
4) n-Nitrosodimethylamine	4.005	42	206080	38.95	ng	# 95
6) Aniline	7.769	93	1236393	39.66	ng	91
8) 2-Chlorophenol	8.016	128	682544	39.07	ng	86
9) Benzaldehyde	7.581	77	505375	35.90	ng	88
10) Phenol	7.610	94	963001	40.32	ng	86
11) bis(2-Chloroethyl)ether	7.863	93	755631	38.46	ng	# 83
12) 1,3-Dichlorobenzene	8.352	146	761731	38.38	ng	99
13) 1,4-Dichlorobenzene	8.505	146	777149	38.34	ng	97
14) 1,2-Dichlorobenzene	8.828	146	772587	38.72	ng	97
15) Benzyl Alcohol	8.699	79	618857	38.05	ng	85
16) 2,2'-oxybis(1-Chloropr...	8.993	45	773581	37.20	ng	78
17) 2-Methylphenol	8.893	107	671494	39.56	ng	95
18) Hexachloroethane	9.575	117	264355	37.46	ng	# 82
19) n-Nitroso-di-n-propyla...	9.269	70	566050	37.33	ng	# 83
20) 3+4-Methylphenols	9.222	107	930539	39.20	ng	92
22) Acetophenone	9.293	105	1336179	38.93	ng	# 87
24) Nitrobenzene	9.687	77	879468	39.06	ng	# 91
25) Isophorone	10.204	82	1608299	37.77	ng	96
26) 2-Nitrophenol	10.404	139	281666	33.14	ng	89
27) 2,4-Dimethylphenol	10.446	122	691763	37.47	ng	97
28) bis(2-Chloroethoxy)met...	10.687	93	1027821	37.64	ng	97
29) 2,4-Dichlorophenol	10.934	162	640509	37.49	ng	96
30) 1,2,4-Trichlorobenzene	11.163	180	745339	37.89	ng	97
31) Naphthalene	11.357	128	2591668	38.60	ng	98
32) Benzoic acid	10.534	122	380369	32.20	ng	88
33) 4-Chloroaniline	11.451	127	1170859	39.70	ng	93
34) Hexachlorobutadiene	11.634	225	376943	36.95	ng	96
35) Caprolactam	12.193	113	269864	37.13	ng	97
36) 4-Chloro-3-methylphenol	12.534	107	831947	38.36	ng	97
37) 2-Methylnaphthalene	12.934	142	1802970	38.59	ng	96
39) 1,2,4,5-Tetrachloroben...	13.287	216	825795	37.54	ng	# 97
40) Hexachlorocyclopentadiene	13.269	237	309165	33.71	ng	95

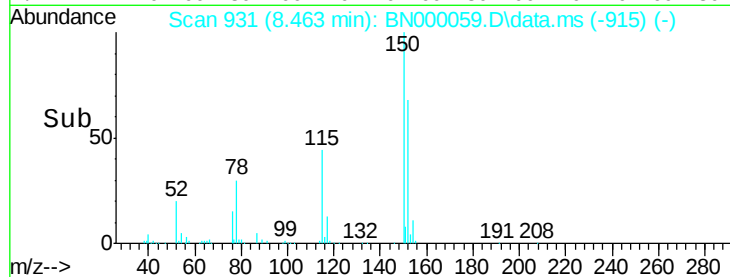
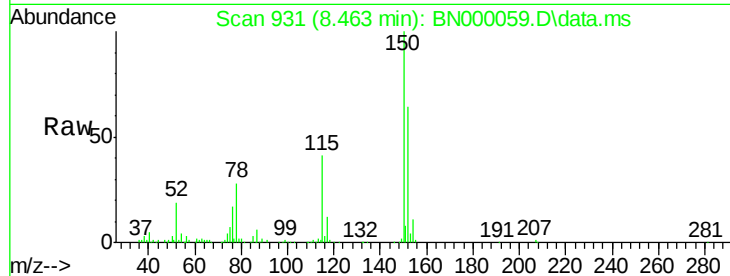
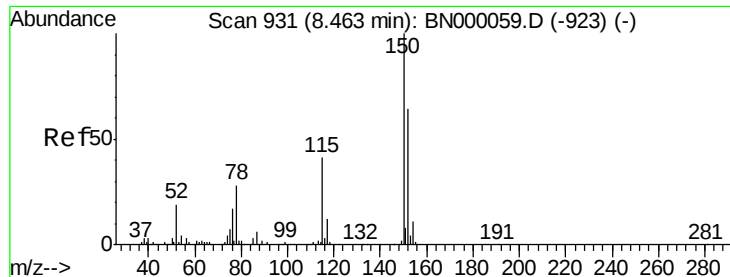
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.516	196	484652	36.76	nq	99
43) 2,4,5-Trichlorophenol	13.587	196	595037	37.54	nq	# 95
45) 1,1'-Biphenyl	13.916	154	2503563	38.14	nq	98
46) 2-Chloronaphthalene	13.969	162	1874867	38.07	nq	97
47) 2-Nitroaniline	14.151	65	493011	35.54	nq	# 83
48) Acenaphthylene	14.804	152	3129707	39.44	nq	98
49) Dimethylphthalate	14.516	163	2454764	39.40	nq	99
50) 2,6-Dinitrotoluene	14.634	165	488624	37.99	nq	93
51) Acenaphthene	15.139	154	1988871	38.50	nq	98
52) 3-Nitroaniline	14.963	138	618485	39.56	nq	# 89
53) 2,4-Dinitrophenol	15.163	184	133064	35.03	nq	# 1
54) Dibenzofuran	15.469	168	2856038	39.04	nq	97
55) 4-Nitrophenol	15.239	139	455356	38.31	nq	# 84
56) 2,4-Dinitrotoluene	15.410	165	669612	37.38	nq	95
57) Fluorene	16.110	166	2380416	39.85	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.681	232	479238	38.31	nq	# 82
59) Diethylphthalate	15.857	149	2544444	40.19	nq	97
60) 4-Chlorophenyl-phenyle...	16.092	204	1063324	39.06	nq	91
61) 4-Nitroaniline	16.110	138	681474	42.42	nq	91
62) Azobenzene	16.386	77	2536273	40.24	nq	91
64) 4,6-Dinitro-2-methylph...	16.163	198	247473	33.96	nq	88
65) n-Nitrosodiphenylamine	16.304	169	2114684	38.36	nq	97
66) 4-Bromophenyl-phenylether	16.981	248	594614	36.90	nq	# 84
67) Hexachlorobenzene	17.098	284	702266	37.32	nq	# 86
68) Atrazine	17.228	200	670776	37.38	nq	94
69) Pentachlorophenol	17.433	266	416020	35.60	nq	97
70) Phenanthrene	17.839	178	3925625	39.22	nq	99
71) Anthracene	17.928	178	3887786	40.12	nq	98
72) Carbazole	18.186	167	4039997	41.38	nq	96
73) Di-n-butylphthalate	18.722	149	4323555	40.11	nq	98
74) Fluoranthene	19.810	202	4470011	42.57	nq	94
76) Benzidine	19.980	184	2211995	33.78	nq	96
77) Pyrene	20.169	202	4891244	37.47	nq	99
79) Butylbenzylphthalate	21.027	149	1995931	33.99	nq	# 96
80) Benzo(a)anthracene	21.892	228	4972233	39.38	nq	99
81) 3,3'-Dichlorobenzidine	21.816	252	1799266	38.80	nq	# 97
82) Chrysene	21.951	228	4901334	38.96	nq	98
83) Bis(2-ethylhexyl)phtha...	21.792	149	3251434	36.14	nq	# 95
84) Di-n-octyl phthalate	22.751	149	5208776	35.11	nq	# 94
85) Indeno(1,2,3-cd)pyrene	26.962	276	6719454	43.48	nq	# 87
87) Benzo(b)fluoranthene	23.639	252	5243601	38.85	nq	# 96
88) Benzo(k)fluoranthene	23.692	252	5394442	39.69	nq	# 96
89) Benzo(a)pyrene	24.286	252	5205081	40.22	nq	# 94
90) Dibenzo(a,h)anthracene	26.974	278	5642099	41.69	nq	# 91
91) Benzo(g,h,i)perylene	27.751	276	5649214	41.28	nq	# 88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.463 min Scan# 931

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

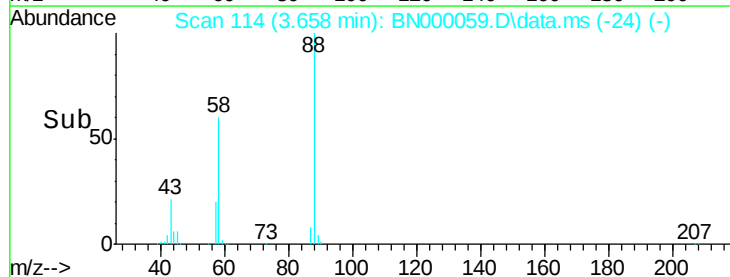
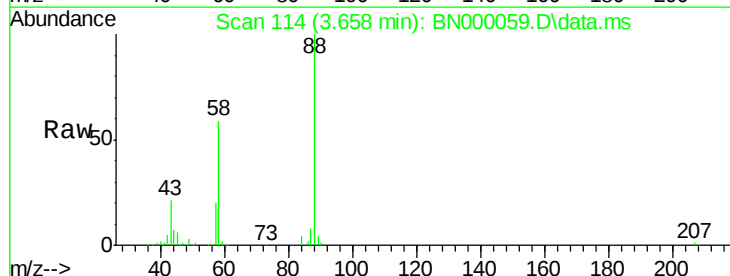
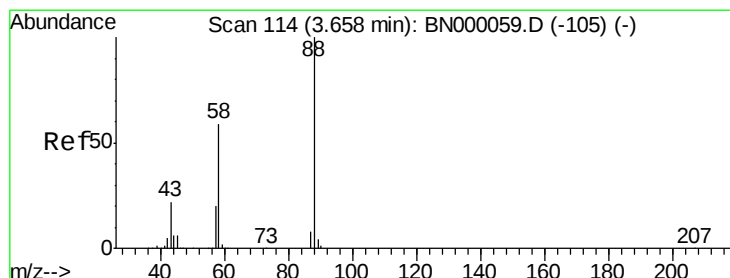
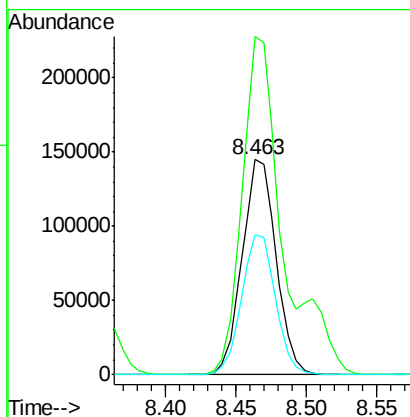
Tot Ion:152 Resp: 243455

Ion Ratio Lower Upper

152 100

150 157.2 126.6 189.8

115 64.8 53.0 79.4



#2

1,4-Dioxane

Concen: 39.93 ng

RT: 3.658 min Scan# 114

Delta R.T. 0.000 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

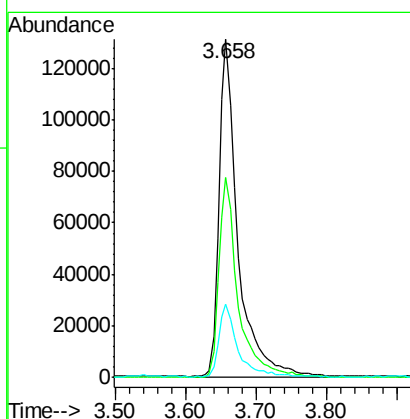
Tgt Ion: 88 Resp: 239985

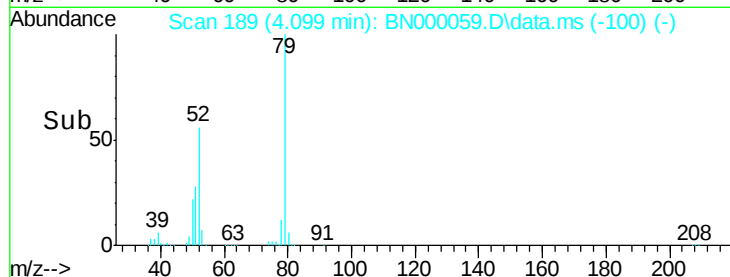
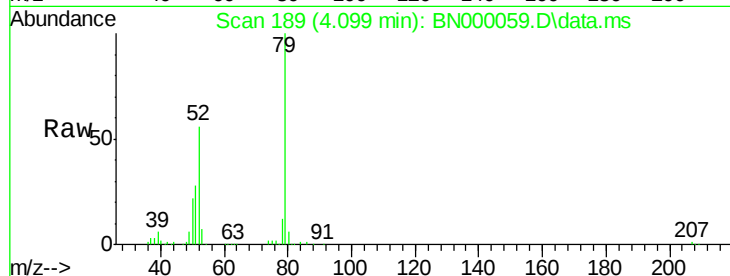
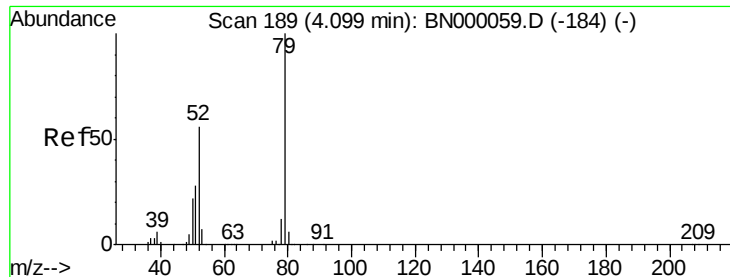
Ion Ratio Lower Upper

88 100

58 60.4 52.0 78.0

43 22.2 20.0 30.0





#3

Pvridine

Concen: 41.00 ng

RT: 4.099 min Scan# 18

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

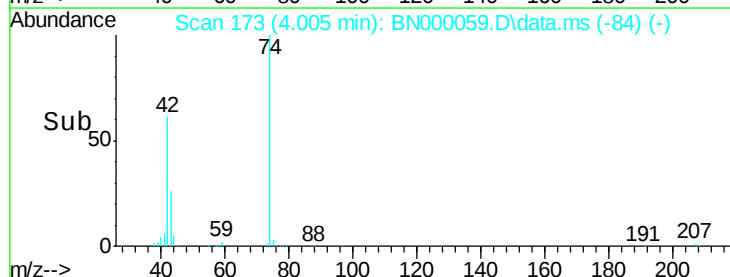
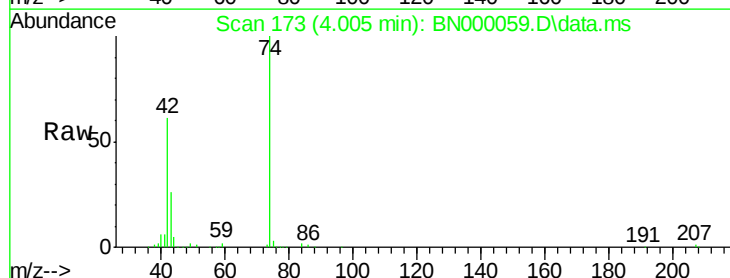
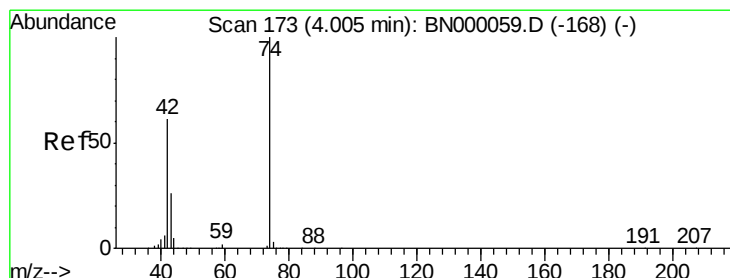
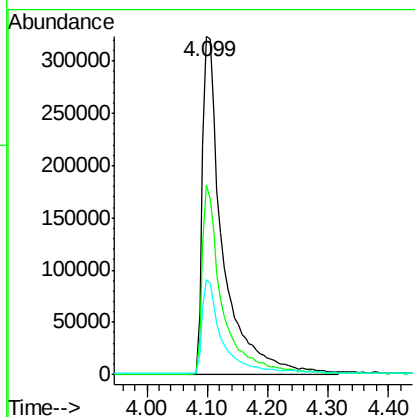
Tot Ion: 79 Resp: 767188

Ion Ratio Lower Upper

79 100

52 55.9 44.0 66.0

51 28.1 24.0 36.0



#4

n-Nitrosodimethylamine

Concen: 38.95 ng

RT: 4.005 min Scan# 173

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

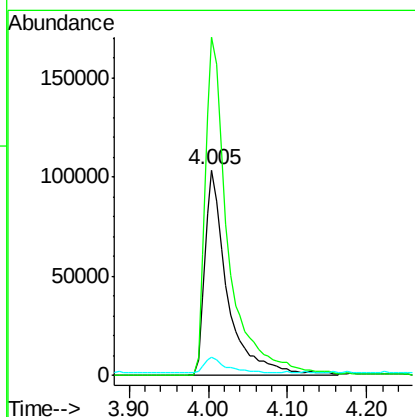
Tgt Ion: 42 Resp: 206080

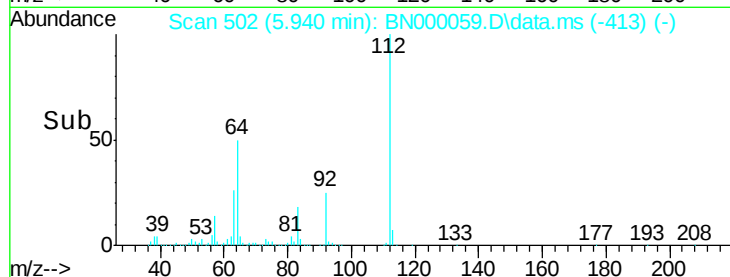
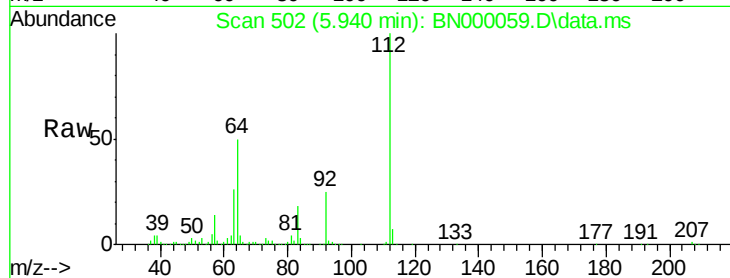
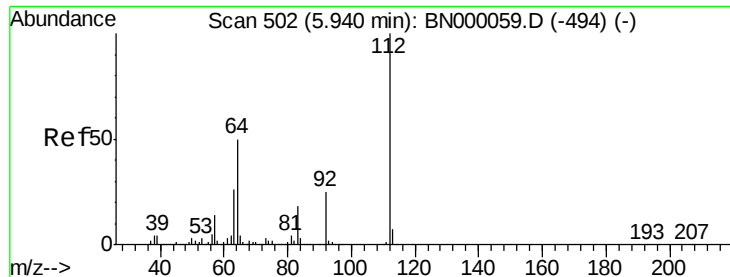
Ion Ratio Lower Upper

42 100

74 165.0 128.0 192.0

44 8.7 12.0 18.0#





#5

2-Fluorophenol

Concen: 79.63 ng

RT: 5.940 min Scan# 50

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

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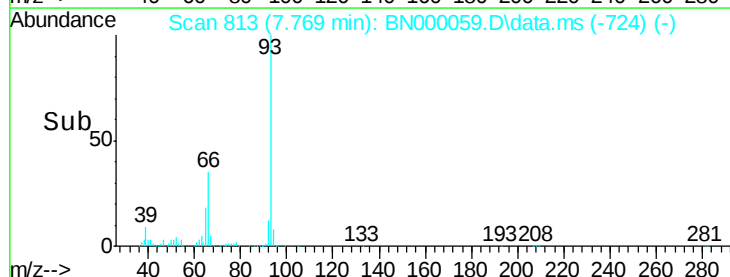
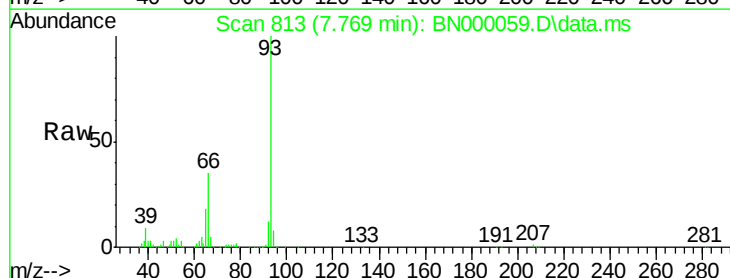
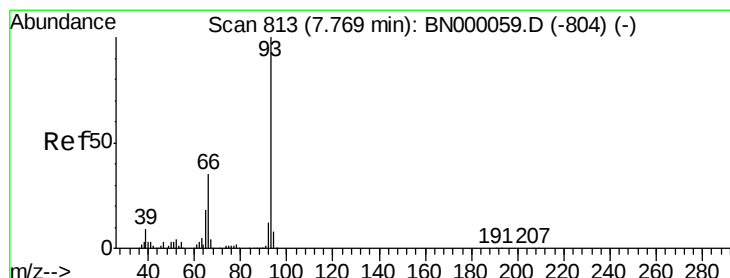
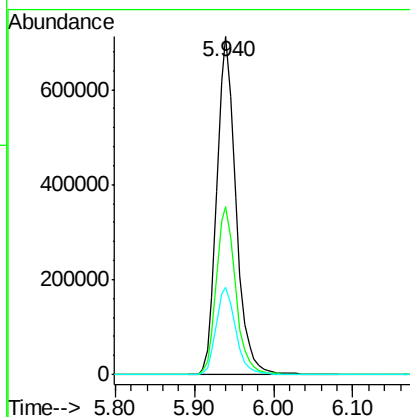
Tot Ion:112 Resp: 1189549

Ion Ratio Lower Upper

112 100

64 49.5 56.3 84.5#

63 25.9 30.1 45.1#



#6

Aniline

Concen: 39.66 ng

RT: 7.769 min Scan# 813

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

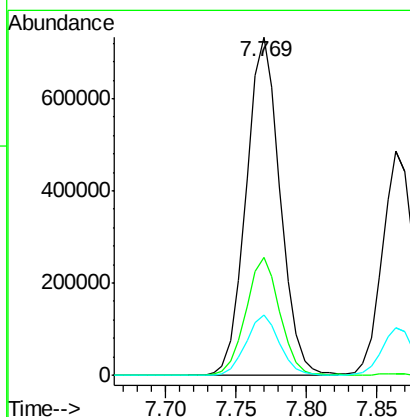
Tgt Ion: 93 Resp: 1236393

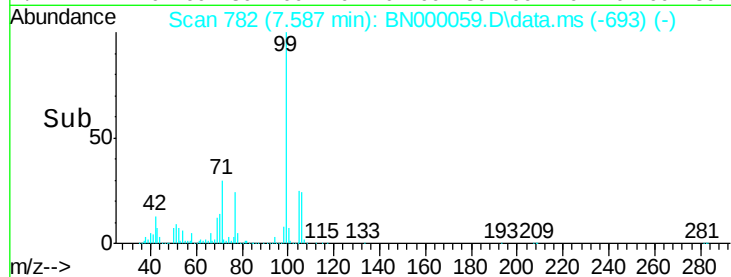
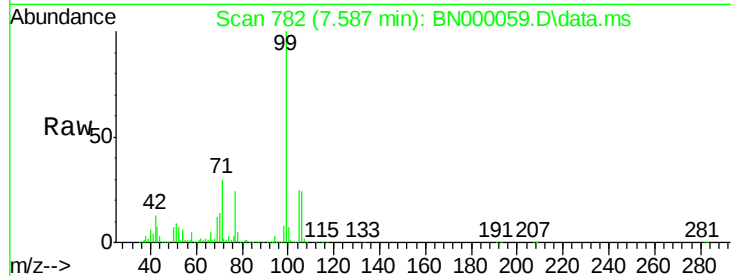
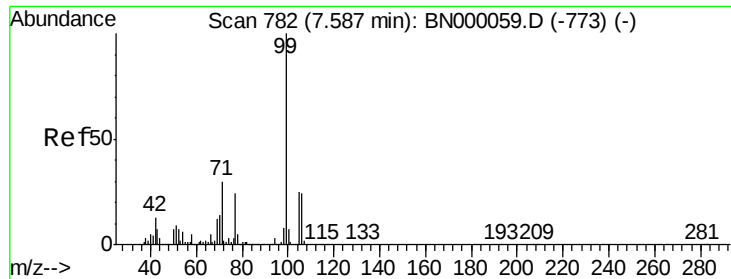
Ion Ratio Lower Upper

93 100

66 34.8 33.7 50.5

65 17.7 16.1 24.1





#7

Phenol-d6

Concen: 80.07 ng

RT: 7.587 min Scan# 78

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

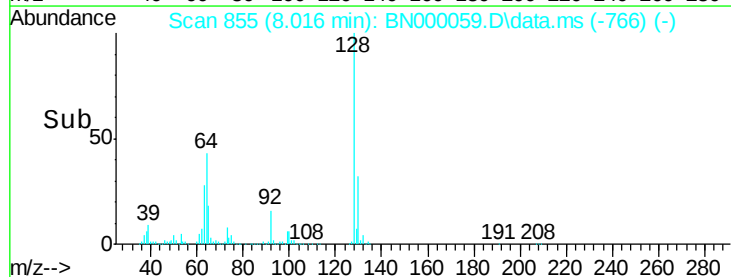
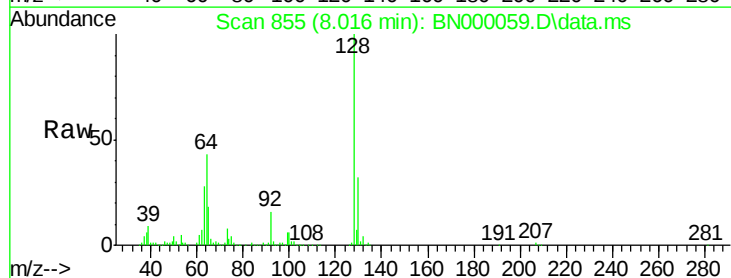
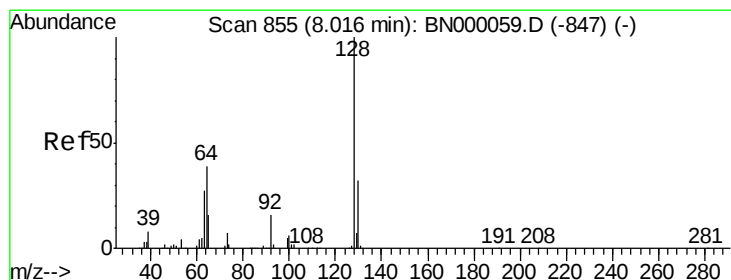
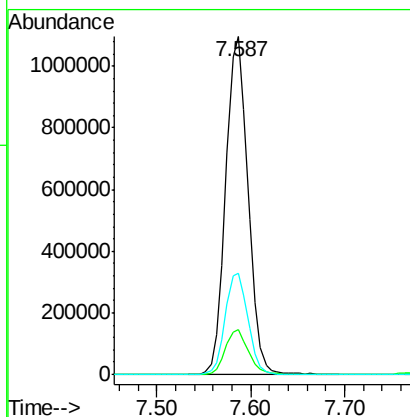
BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1811884

Ion	Ratio	Lower	Upper
99	100		
42	13.4	14.1	21.1#
71	29.9	26.1	39.1



#8

2-Chlorophenol

Concen: 39.07 ng

RT: 8.016 min Scan# 855

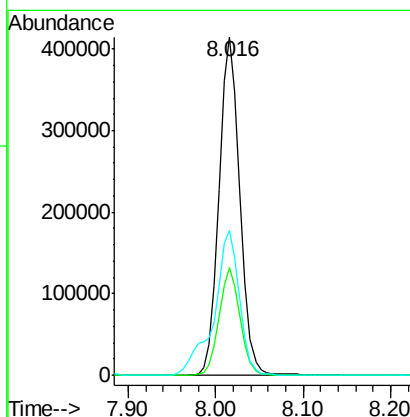
Delta R.T. -0.006 min

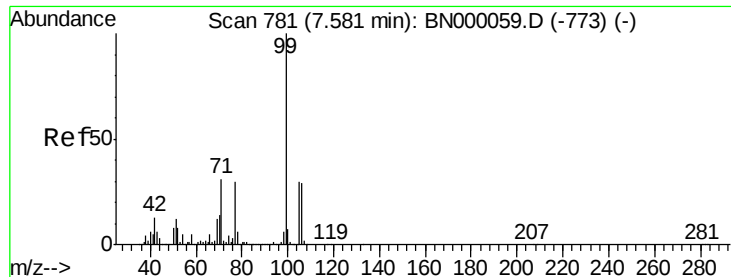
Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Tgt Ion: 128 Resp: 682544

Ion	Ratio	Lower	Upper
128	100		
130	31.7	14.0	54.0
64	42.7	37.7	77.7





#9

Benzaldehyde

Concen: 35.90 ng

RT: 7.581 min Scan# 781

Delta R.T. -0.006 min

Lab File: BN000059.D

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Instrument :

BNA_N

ClientSampleId :

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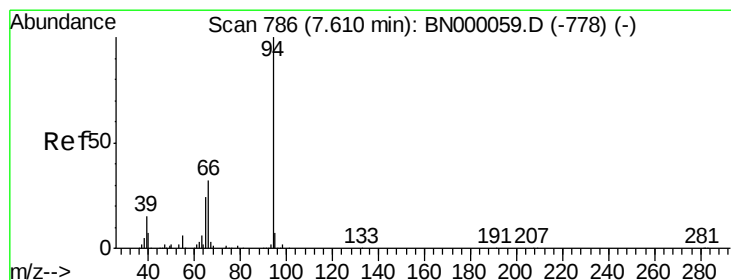
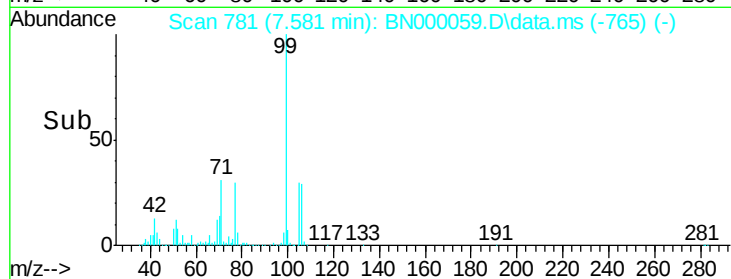
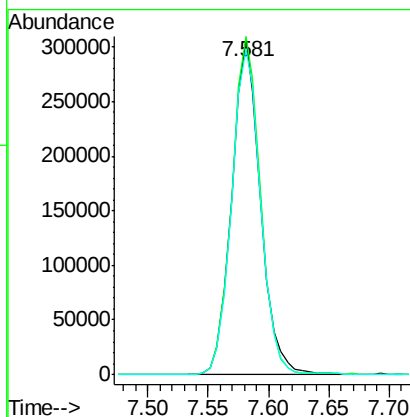
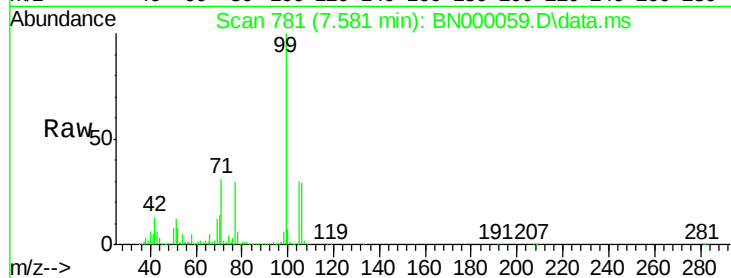
Tot Ion: 77 Resp: 505375

Ion Ratio Lower Upper

77 100

105 100.8 71.3 111.3

106 97.2 64.2 104.2



#10

Phenol

Concen: 40.32 ng

RT: 7.610 min Scan# 786

Delta R.T. -0.012 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

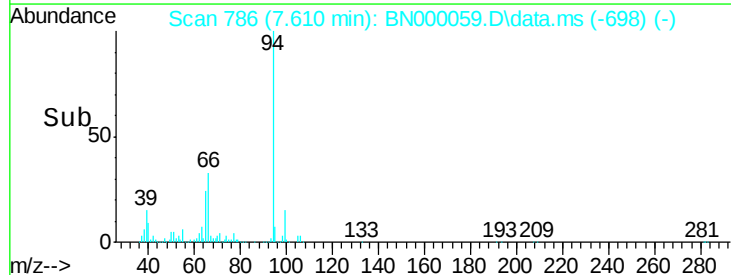
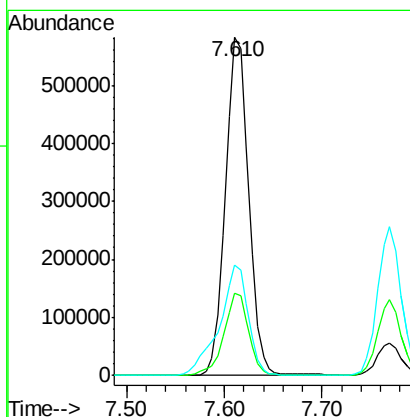
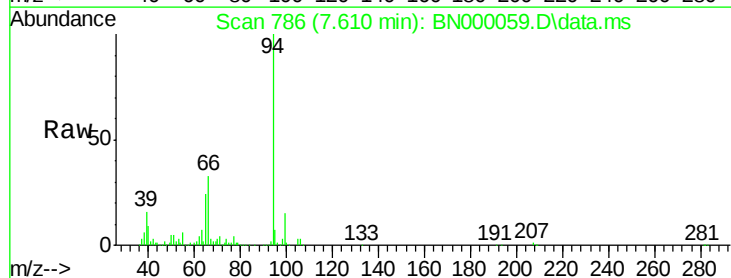
Tgt Ion: 94 Resp: 963001

Ion Ratio Lower Upper

94 100

65 24.4 11.9 51.9

66 32.8 22.2 62.2

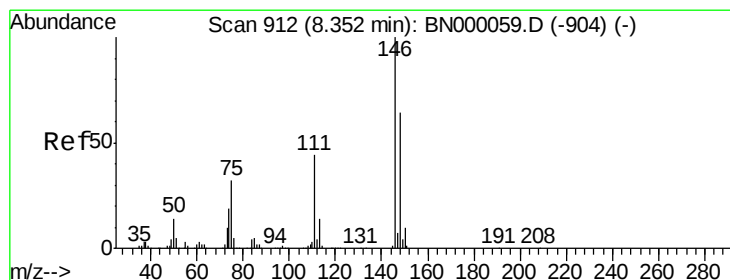
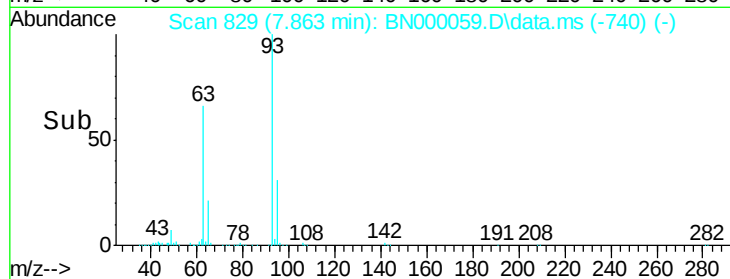
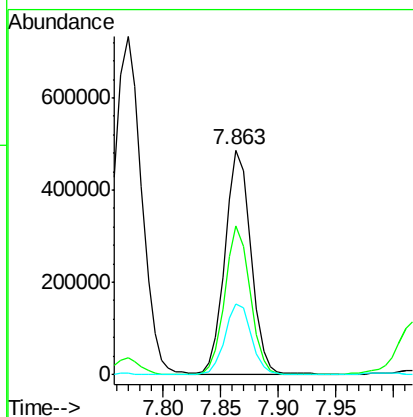
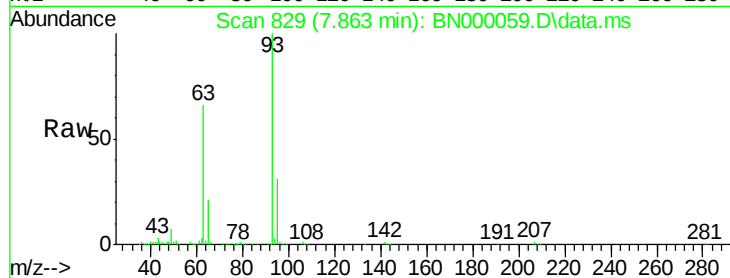




#11
bis(2-Chloroethyl)ether
Concen: 38.46 ng
RT: 7.863 min Scan# 82
Delta R.T. -0.006 min
Lab File: BN000059.D
Acq: 12 Feb 2018 10:16

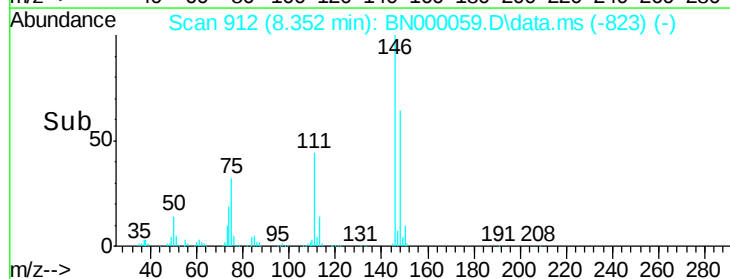
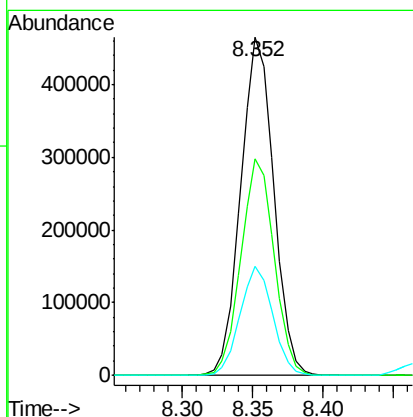
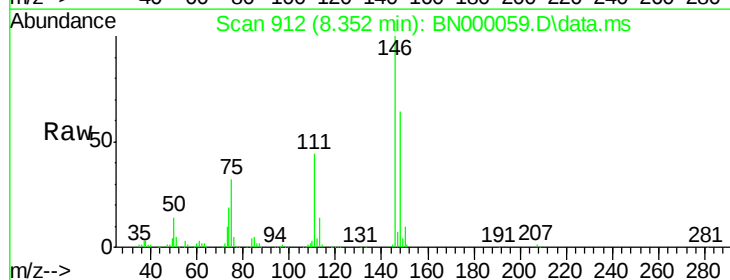
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	66.2	67.1	107.1#
95	31.2	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 38.38 ng
RT: 8.352 min Scan# 912
Delta R.T. -0.006 min
Lab File: BN000059.D
Acq: 12 Feb 2018 10:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.2
75	32.3	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 38.34 ng

RT: 8.505 min Scan# 93

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

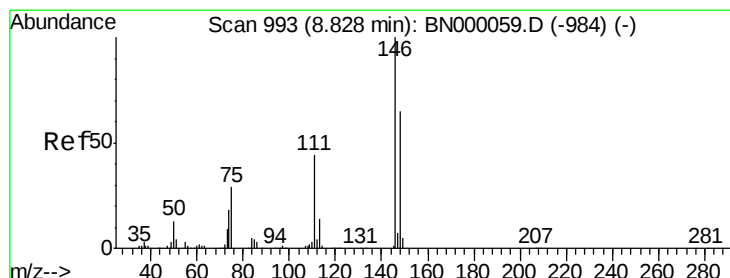
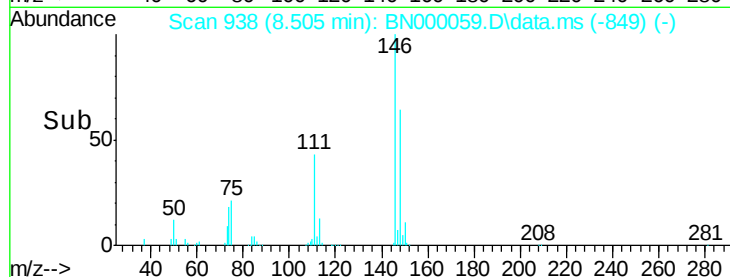
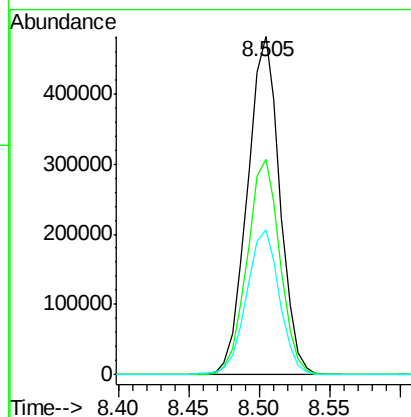
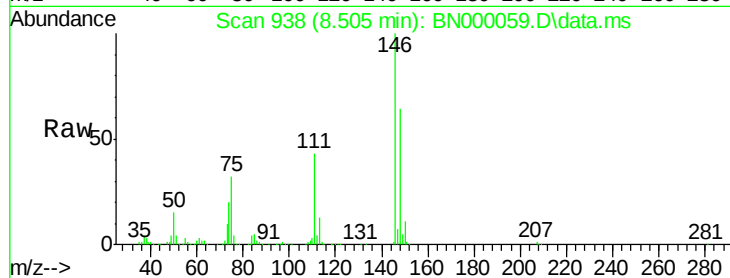
Tot Ion:146 Resp: 777149

Ion Ratio Lower Upper

146 100

148 63.8 53.7 80.5

111 42.7 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 38.72 ng

RT: 8.828 min Scan# 993

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

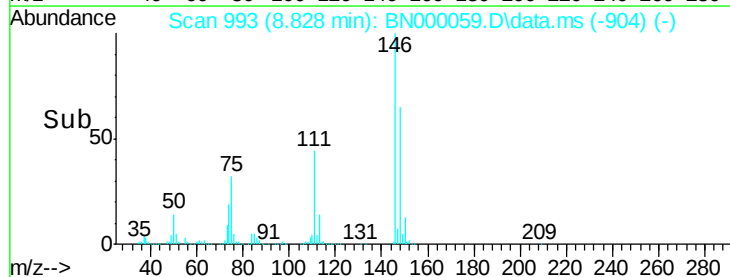
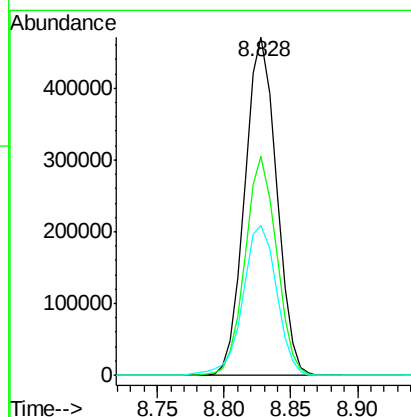
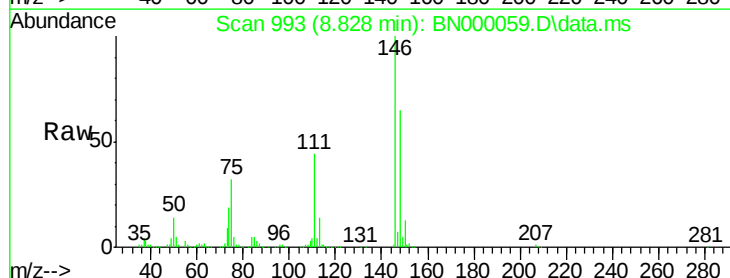
Tgt Ion:146 Resp: 772587

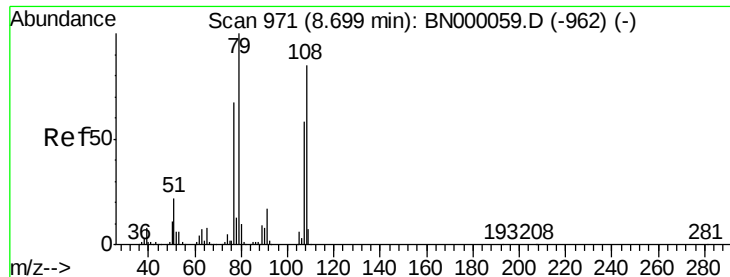
Ion Ratio Lower Upper

146 100

148 64.6 49.3 73.9

111 44.5 34.3 51.5





#15

Benzyl Alcohol

Concen: 38.05 ng

RT: 8.699 min Scan# 971

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

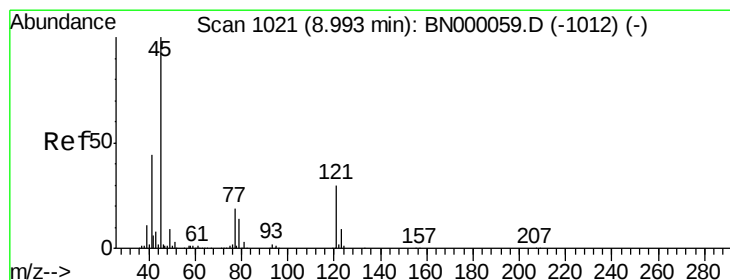
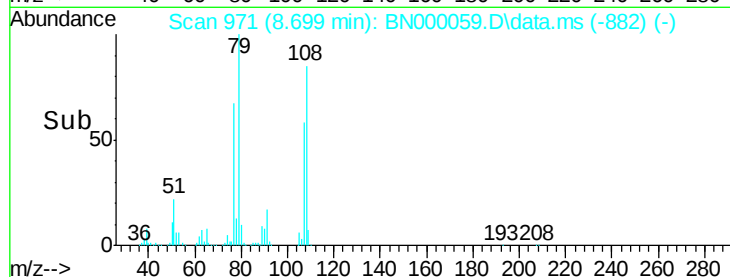
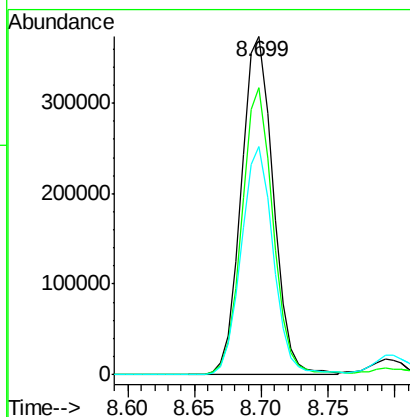
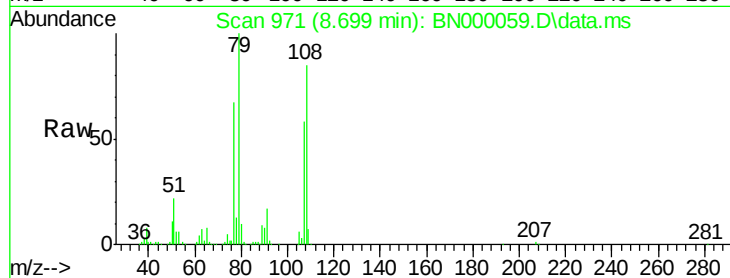
Tot Ion: 79 Resp: 618857

Ion Ratio Lower Upper

79 100

108 84.9 57.2 85.8

77 67.3 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.20 ng

RT: 8.993 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

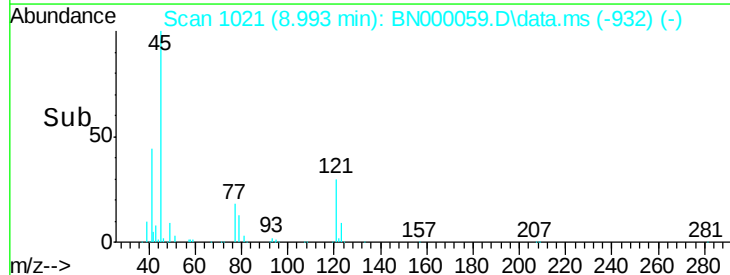
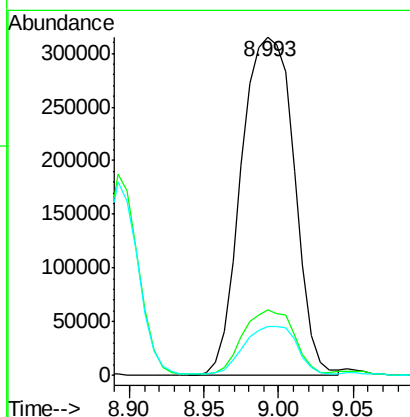
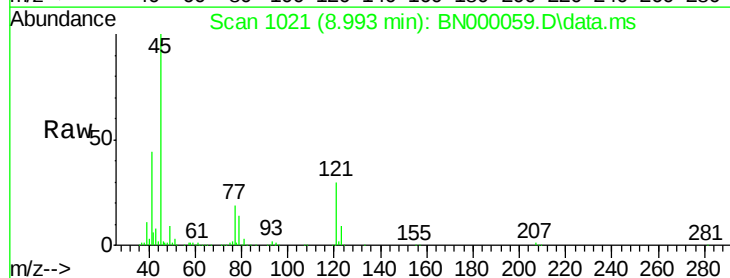
Tgt Ion: 45 Resp: 773581

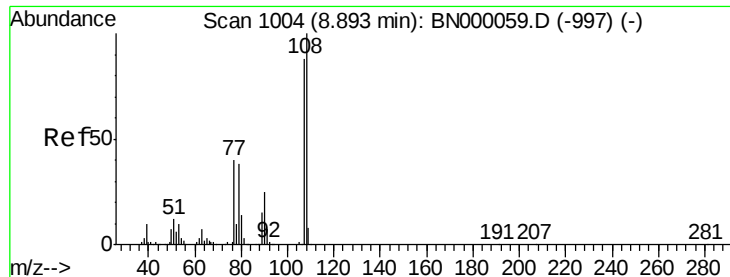
Ion Ratio Lower Upper

45 100

77 19.4 0.0 30.2

79 14.4 0.0 27.9





#17

2-Methylphenol

Concen: 39.56 ng

RT: 8.893 min Scan# 10

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 671494

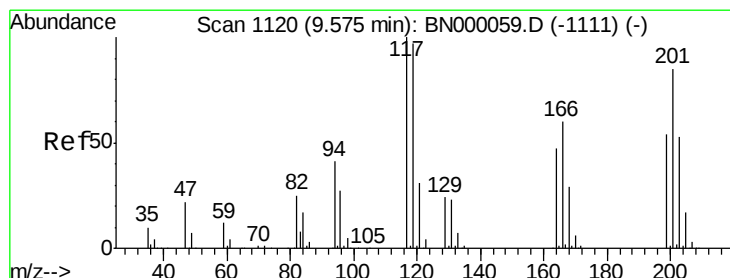
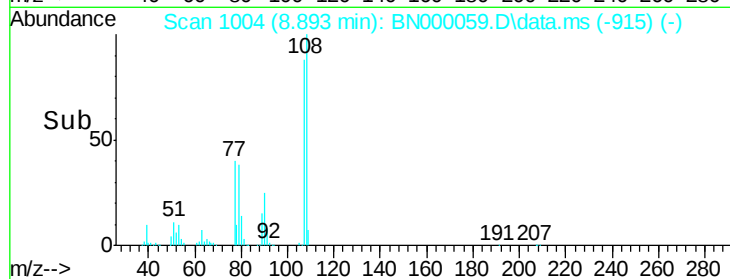
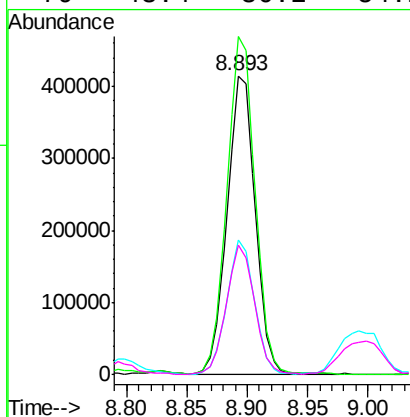
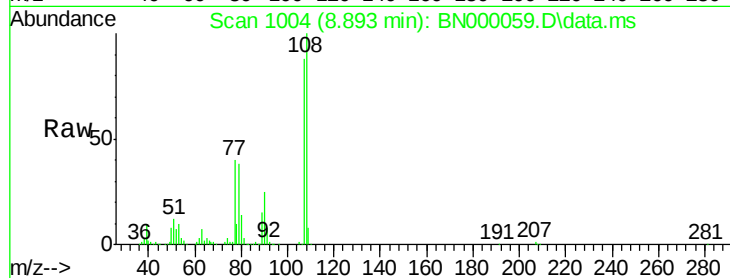
Ion Ratio Lower Upper

107 100

108 113.1 83.9 125.9

77 45.1 37.2 55.8

79 43.4 36.2 54.2



#18

Hexachloroethane

Concen: 37.46 ng

RT: 9.575 min Scan# 1120

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

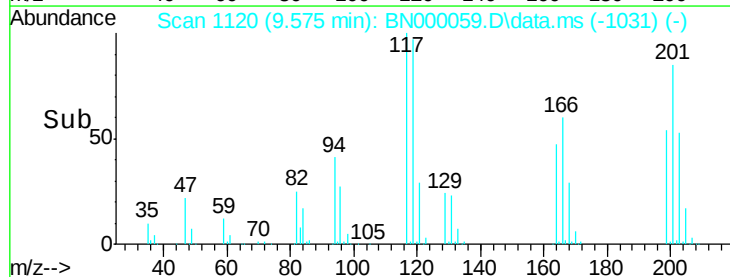
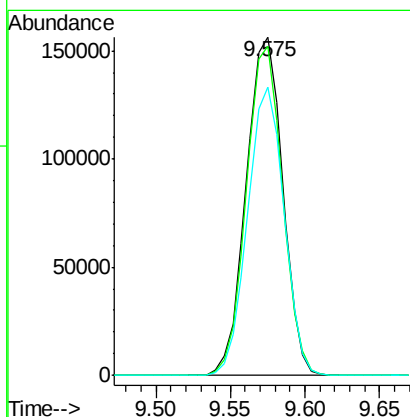
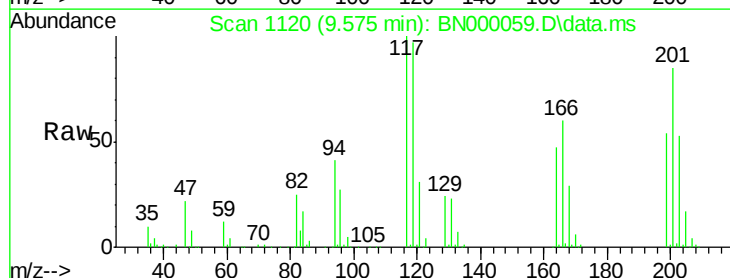
Tgt Ion:117 Resp: 264355

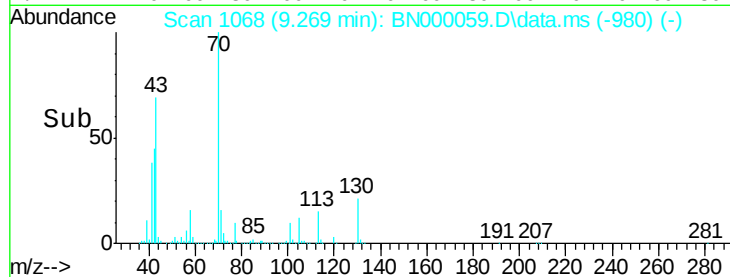
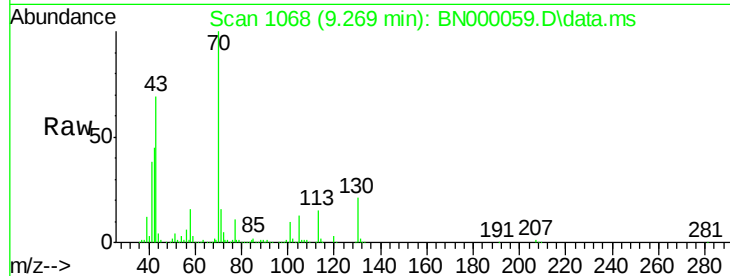
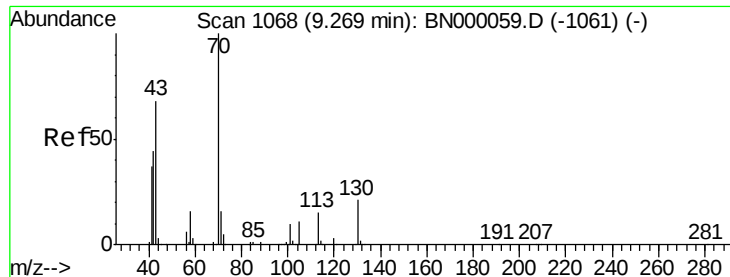
Ion Ratio Lower Upper

117 100

119 97.5 76.7 115.1

201 85.3 95.7 143.5#

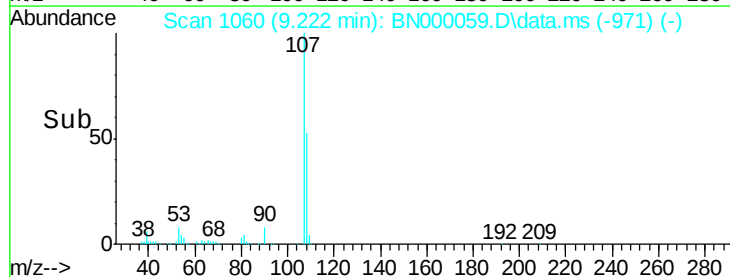
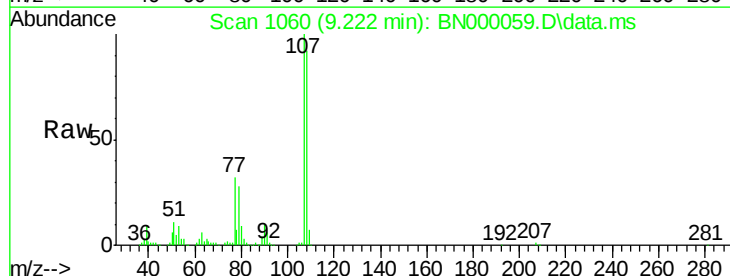
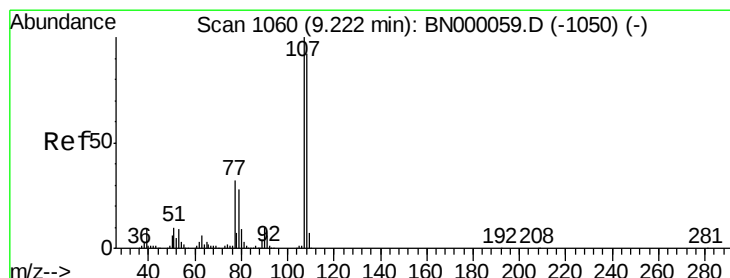
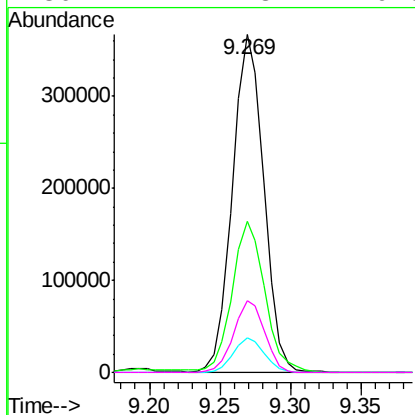




#19
n-Nitroso-di-n-propylamine
Concen: 37.33 ng
RT: 9.269 min Scan# 1068
Delta R.T. -0.012 min
Lab File: BN000059.D
Acq: 12 Feb 2018 10:16

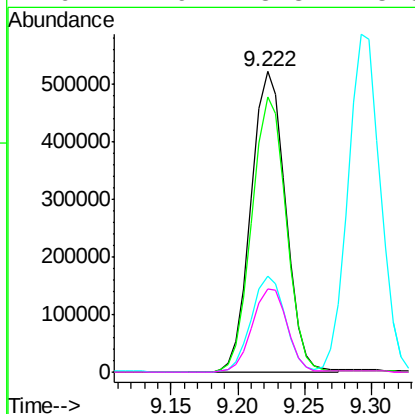
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.8	49.1	73.7#
101	10.2	8.5	12.7
130	21.2	13.4	20.0#



#20
3+4-Methylphenols
Concen: 39.20 ng
RT: 9.222 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BN000059.D
Acq: 12 Feb 2018 10:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.7	61.6	101.6
77	32.0	13.9	53.9
79	27.9	8.8	48.8

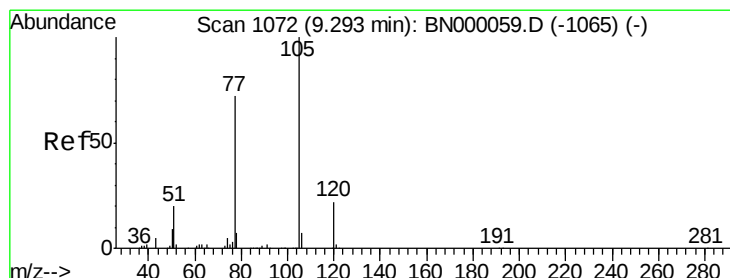
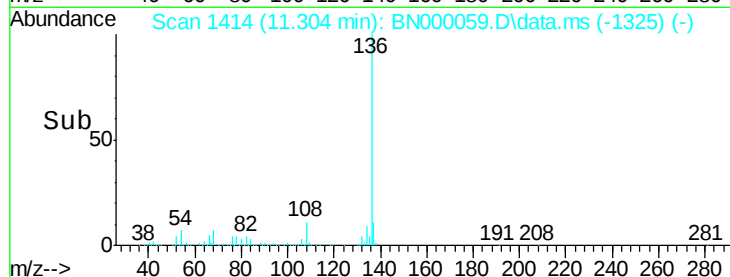
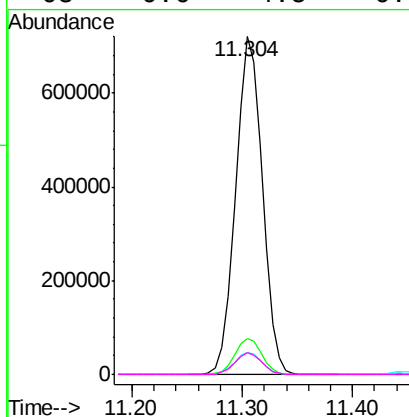
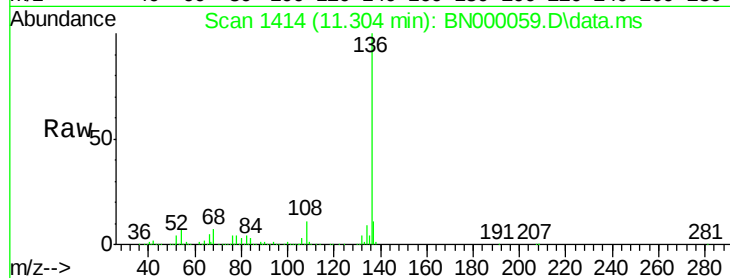




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.304 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BN000059.D
Acq: 12 Feb 2018 10:16

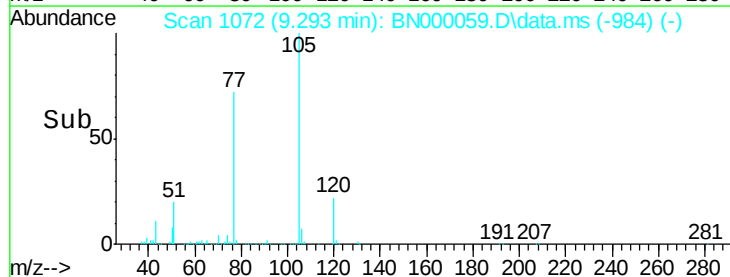
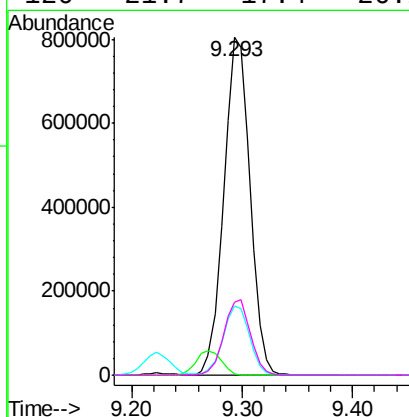
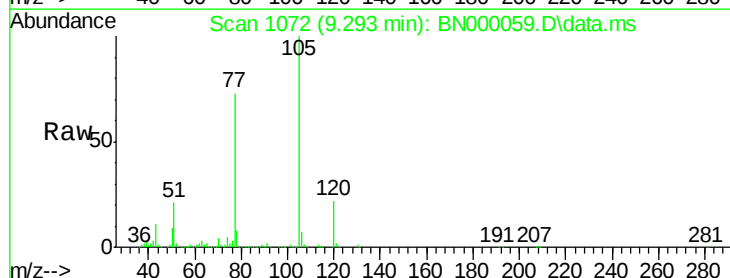
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

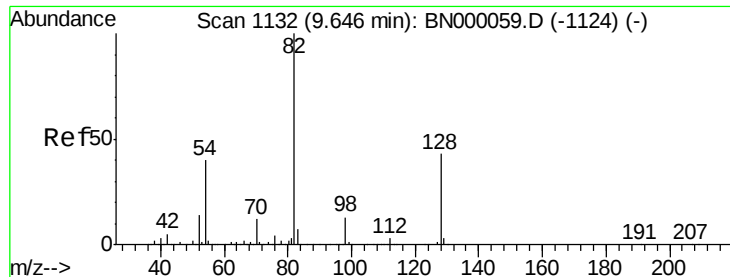
Tot Ion:136 Resp: 1224686
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 6.6 10.3 15.5#
68 6.6 4.5 6.7



#22
Acetophenone
Concen: 38.93 ng
RT: 9.293 min Scan# 1072
Delta R.T. -0.012 min
Lab File: BN000059.D
Acq: 12 Feb 2018 10:16

Tgt Ion:105 Resp: 1336179
Ion Ratio Lower Upper
105 100
71 0.5 3.0 4.4#
51 20.6 26.1 39.1#
120 21.7 17.4 26.2





#23

Nitrobenzene-d5

Concen: 78.09 ng

RT: 9.646 min Scan# 1132

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

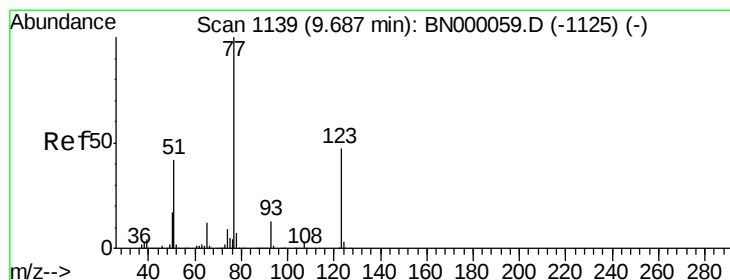
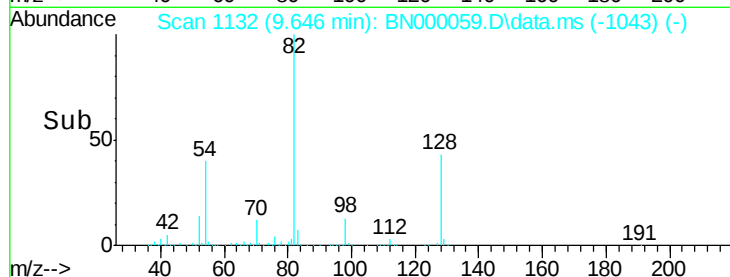
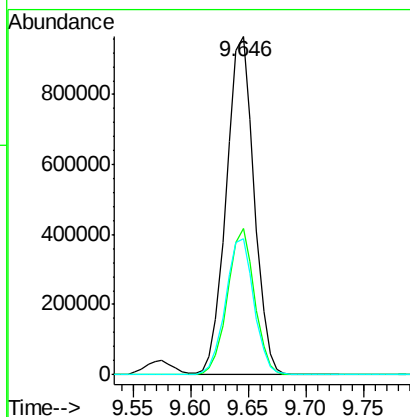
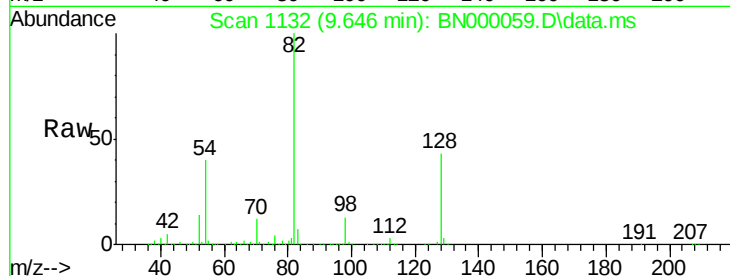
Tot Ion: 82 Resp: 1608613

Ion Ratio Lower Upper

82 100

128 43.2 29.7 44.5

54 40.3 43.1 64.7#



#24

Nitrobenzene

Concen: 39.06 ng

RT: 9.687 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

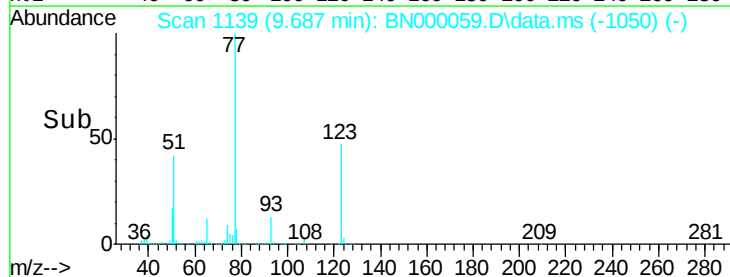
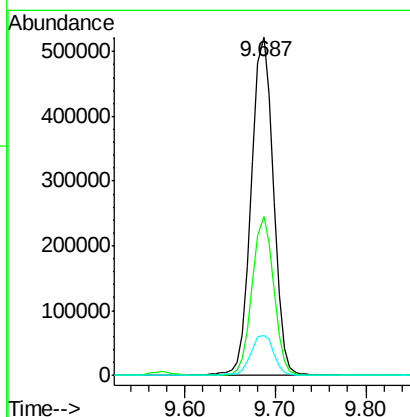
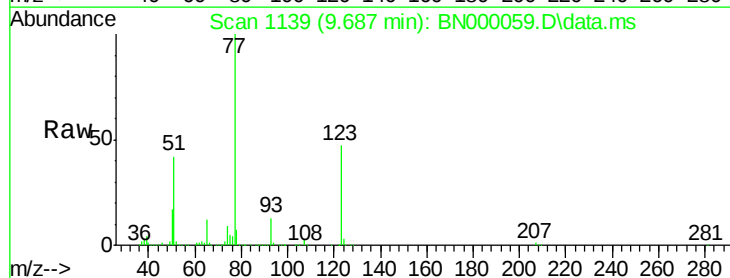
Tgt Ion: 77 Resp: 879468

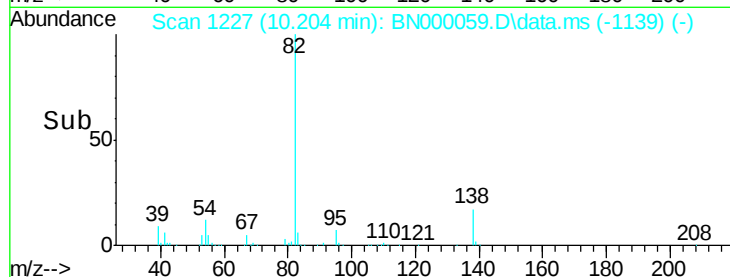
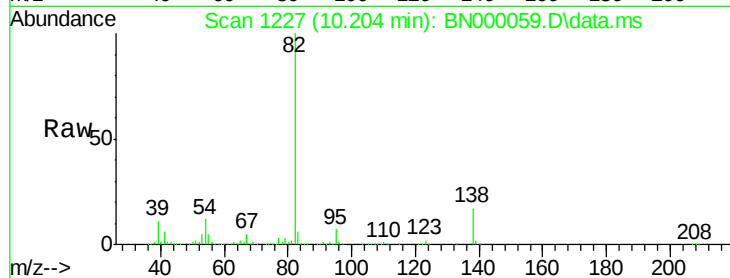
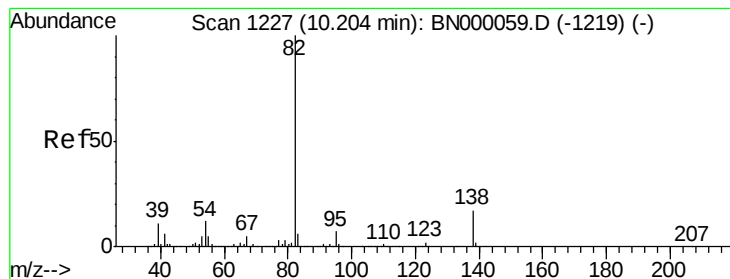
Ion Ratio Lower Upper

77 100

123 46.9 33.0 49.6

65 11.9 13.0 19.6#





#25

Isophorone

Concen: 37.77 ng

RT: 10.204 min Scan# 1227

Delta R.T. -0.012 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

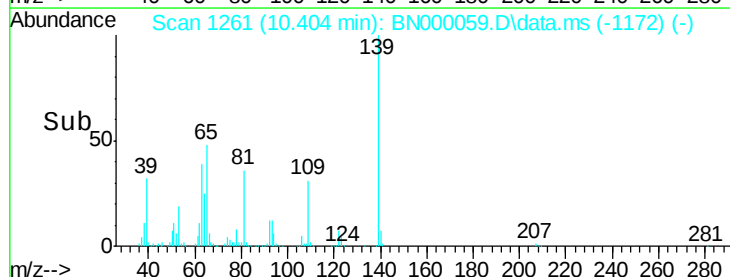
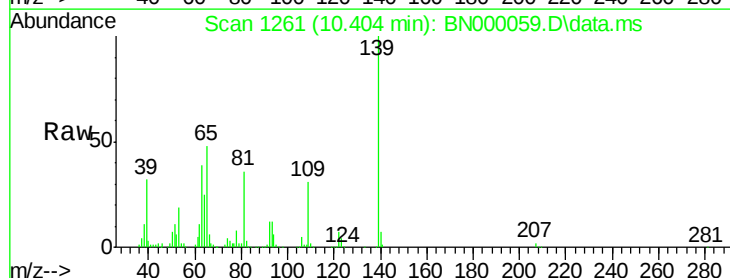
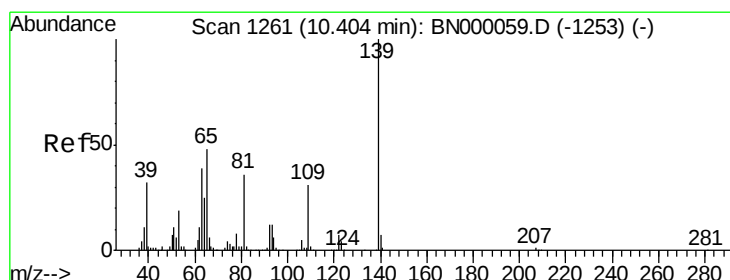
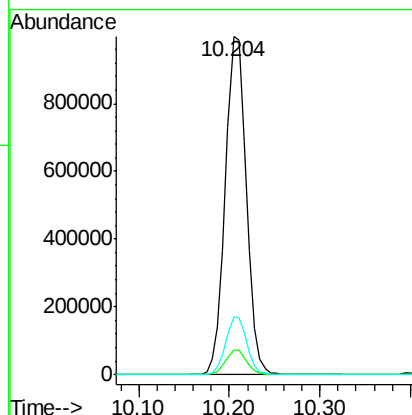
Tot Ion: 82 Resp: 1608299

Ion Ratio Lower Upper

82 100

95 7.1 6.2 9.2

138 17.1 12.1 18.1



#26

2-Nitrophenol

Concen: 33.14 ng

RT: 10.404 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

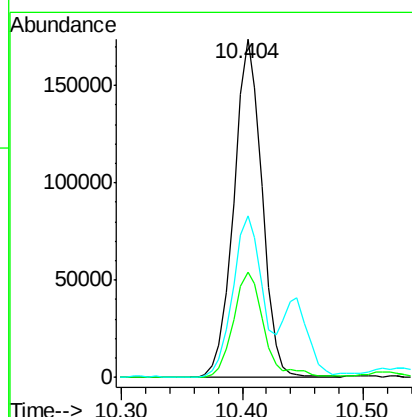
Tgt Ion: 139 Resp: 281666

Ion Ratio Lower Upper

139 100

109 31.1 24.2 36.2

65 47.8 47.4 71.0





#27

2,4-Dimethylphenol

Concen: 37.47 ng

RT: 10.446 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

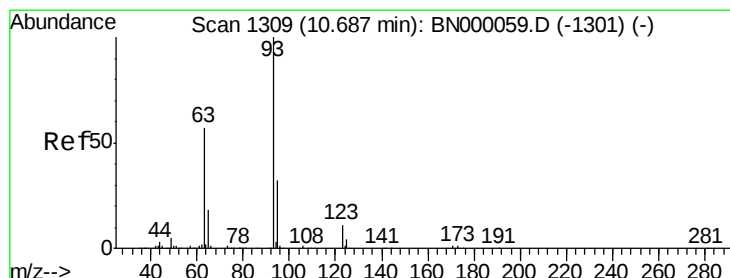
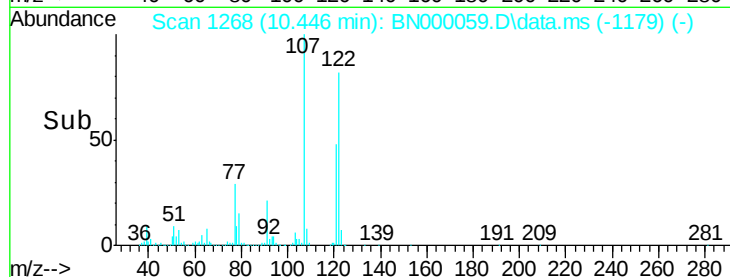
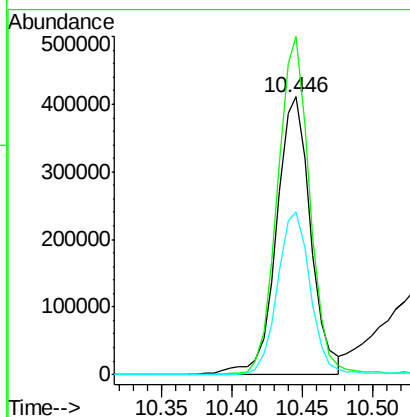
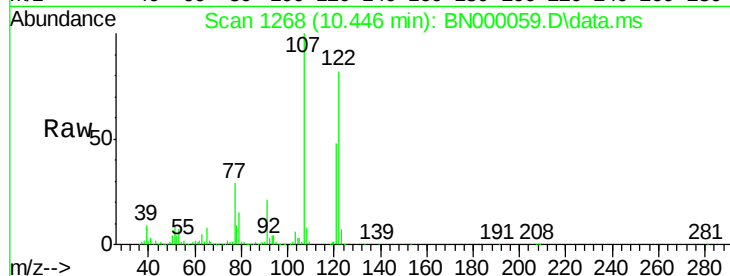
Tot Ion:122 Resp: 691763

Ion Ratio Lower Upper

122 100

107 121.8 100.2 150.2

121 58.7 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 37.64 ng

RT: 10.687 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

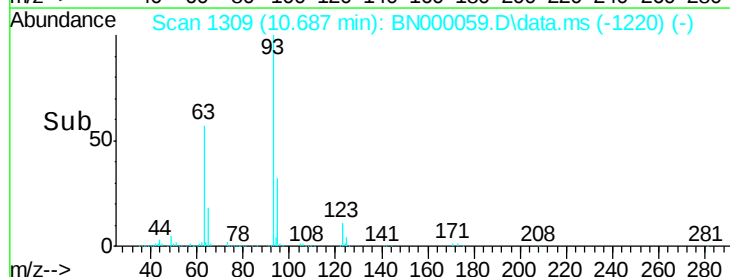
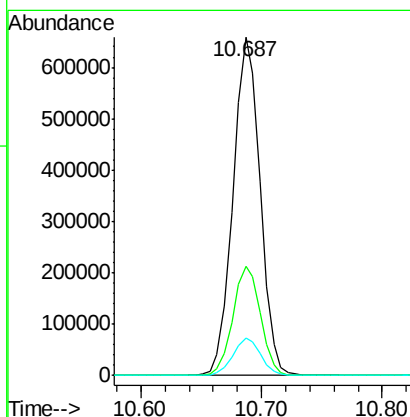
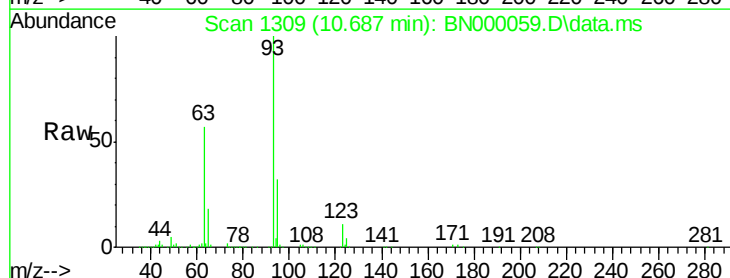
Tgt Ion: 93 Resp: 1027821

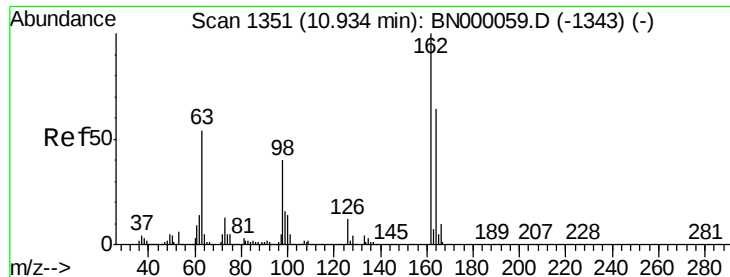
Ion Ratio Lower Upper

93 100

95 32.1 24.3 36.5

123 11.1 8.4 12.6

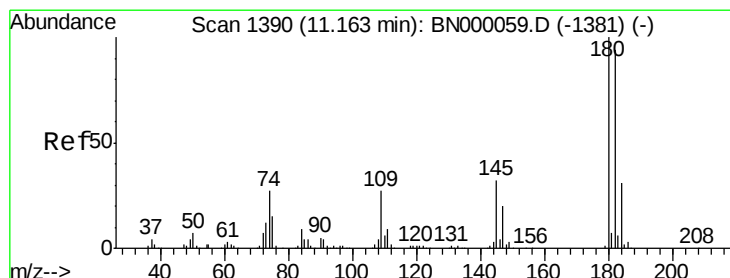
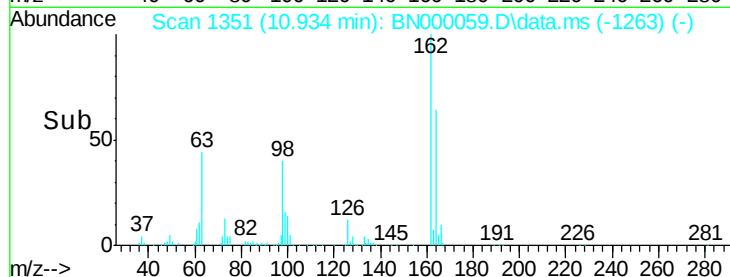
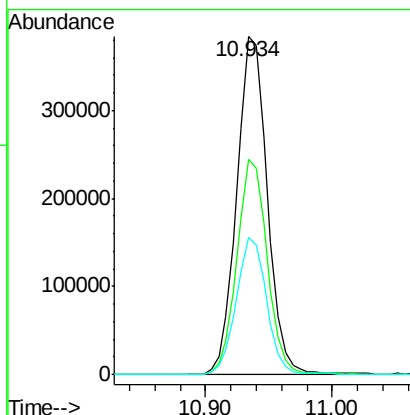
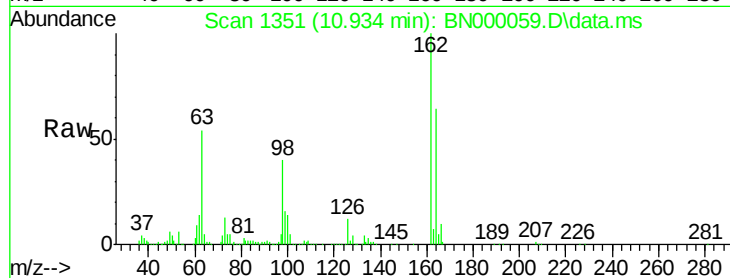




#29
 2,4-Dichlorophenol
 Concen: 37.49 ng
 RT: 10.934 min Scan# 1351
 Delta R.T. -0.012 min
 Lab File: BN000059.D
 Acq: 12 Feb 2018 10:16

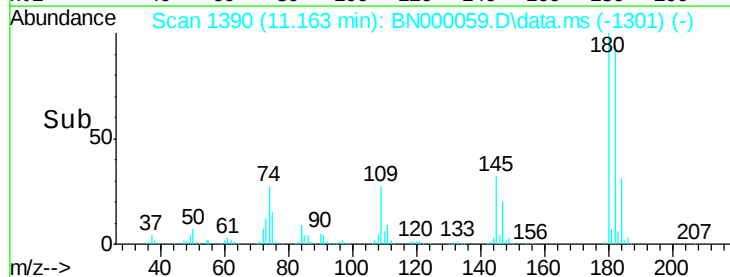
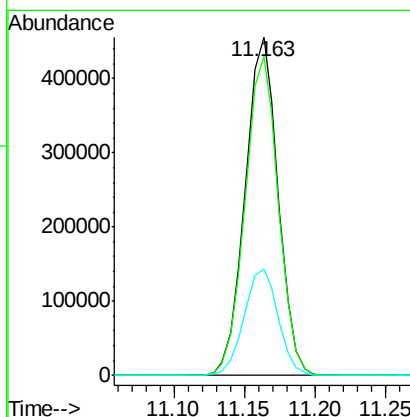
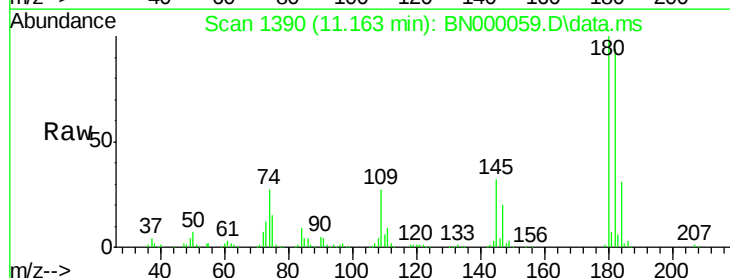
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	48.0	88.0
98	40.4	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.89 ng
 RT: 11.163 min Scan# 1390
 Delta R.T. -0.006 min
 Lab File: BN000059.D
 Acq: 12 Feb 2018 10:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.5	116.3
145	31.6	23.4	35.2

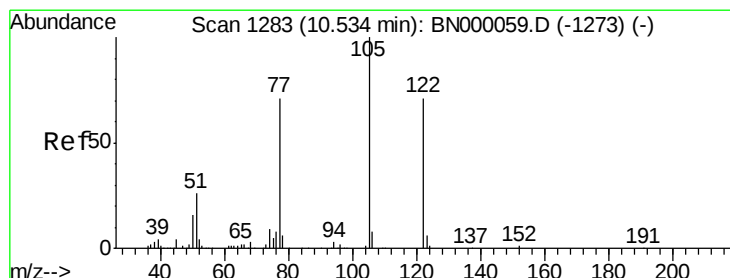
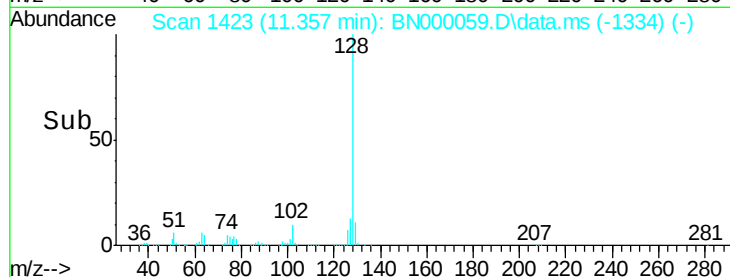
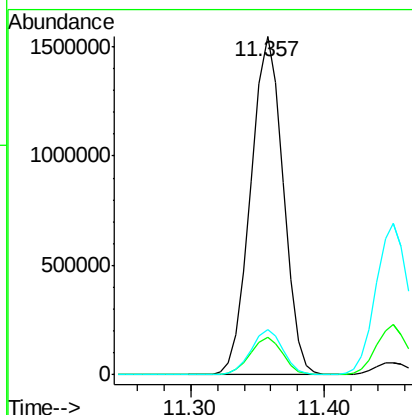
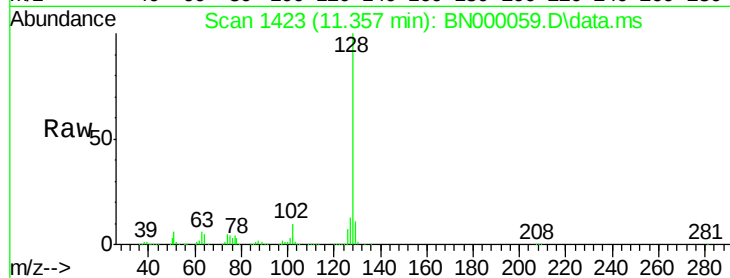




#31
Naphthalene
Concen: 38.60 ng
RT: 11.357 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BN000059.D
Acq: 12 Feb 2018 10:16

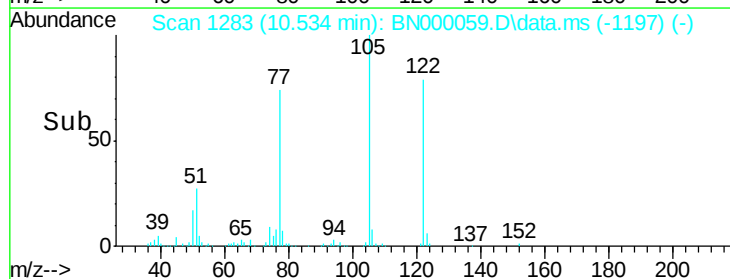
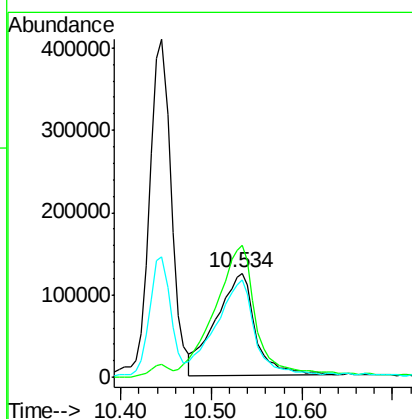
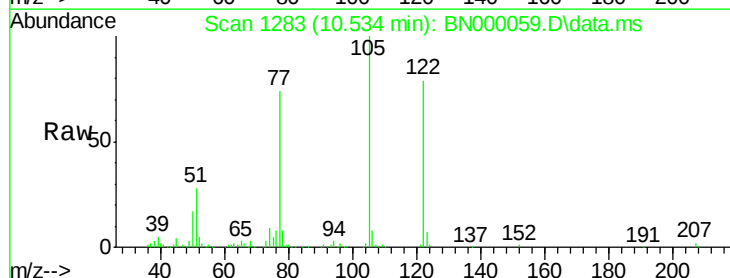
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 2591668
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.3 11.6 17.4



#32
Benzoic acid
Concen: 32.20 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.023 min
Lab File: BN000059.D
Acq: 12 Feb 2018 10:16

Tgt Ion:122 Resp: 380369
Ion Ratio Lower Upper
122 100
105 127.2 123.5 163.5
77 93.8 85.7 125.7

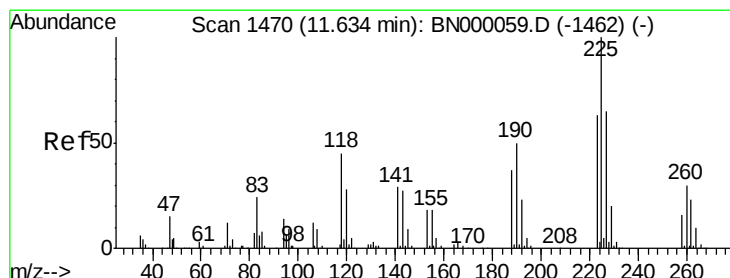
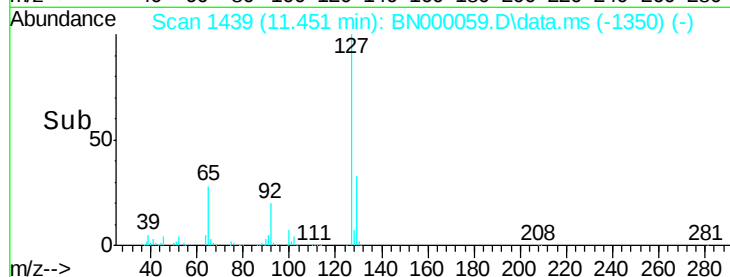
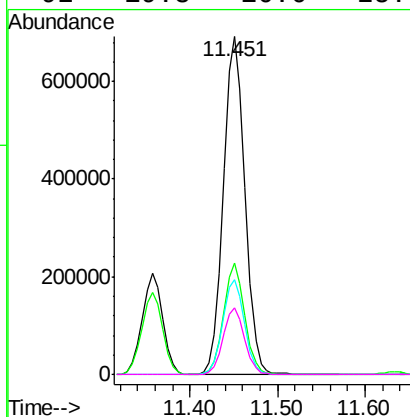
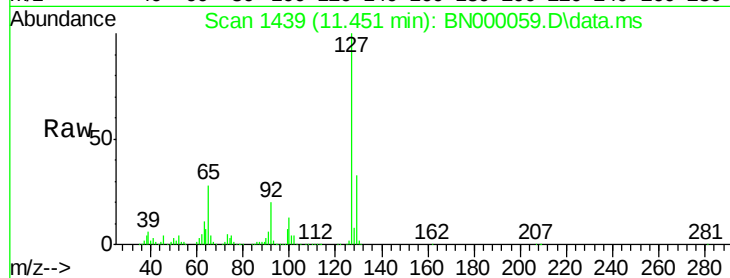




#33
4-Chloroaniline
Concen: 39.70 ng
RT: 11.451 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BN000059.D
Acq: 12 Feb 2018 10:16

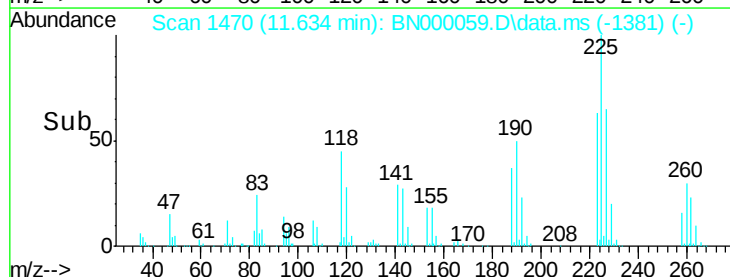
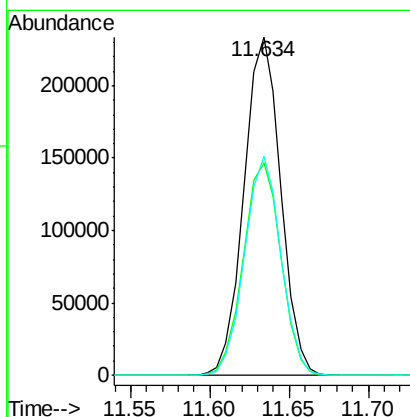
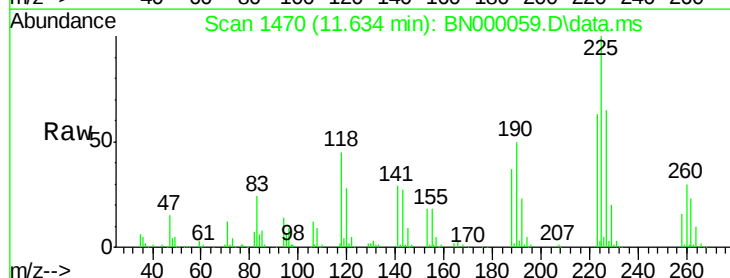
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

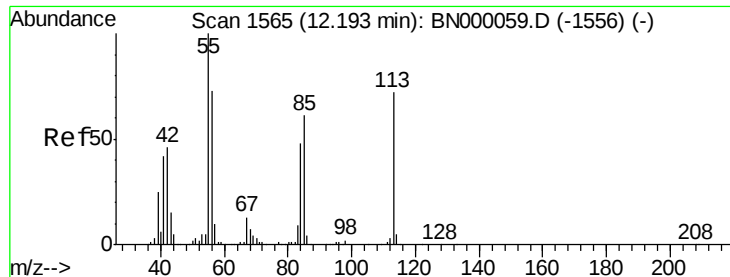
Tot Ion:	127	Resp:	1170859
Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.0	36.0
65	27.9	27.0	40.4
92	19.8	16.6	25.0



#34
Hexachlorobutadiene
Concen: 36.95 ng
RT: 11.634 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BN000059.D
Acq: 12 Feb 2018 10:16

Tgt Ion:	225	Resp:	376943
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.7	74.5
227	64.9	48.1	72.1





#35

Caprolactam

Concen: 37.13 ng

RT: 12.193 min Scan# 15

Delta R.T. -0.011 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

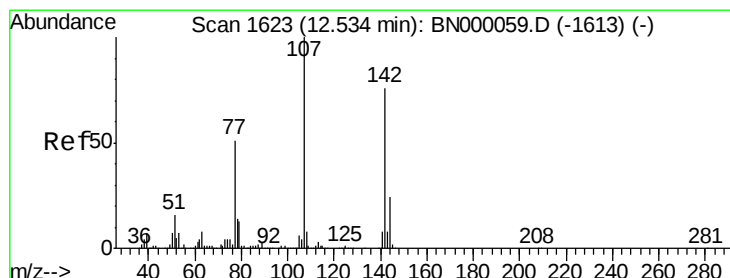
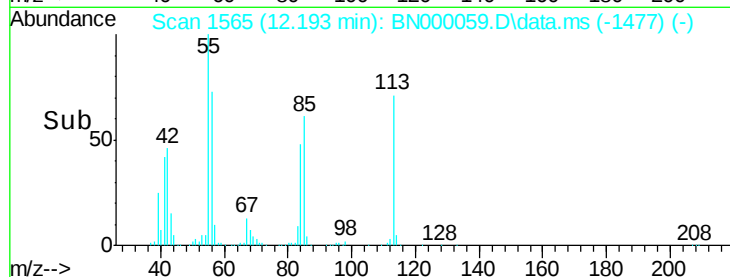
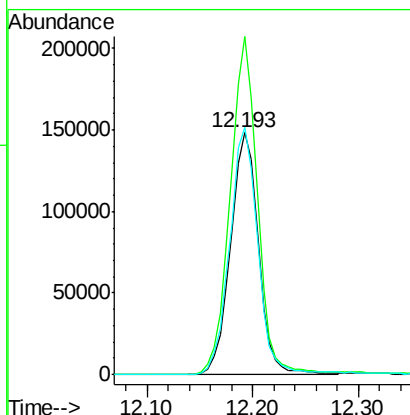
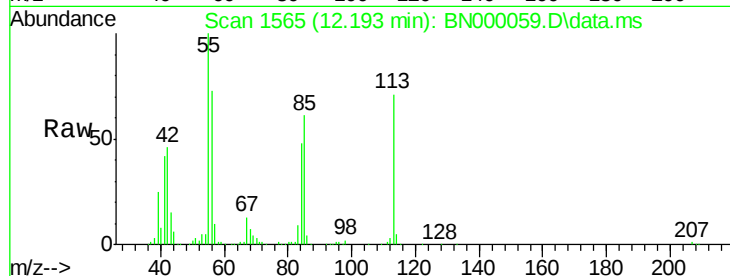
Tot Ion:113 Resp: 269864

Ion Ratio Lower Upper

113 100

55 139.9 120.0 160.0

56 102.3 90.0 130.0



#36

4-Chloro-3-methylphenol

Concen: 38.36 ng

RT: 12.534 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

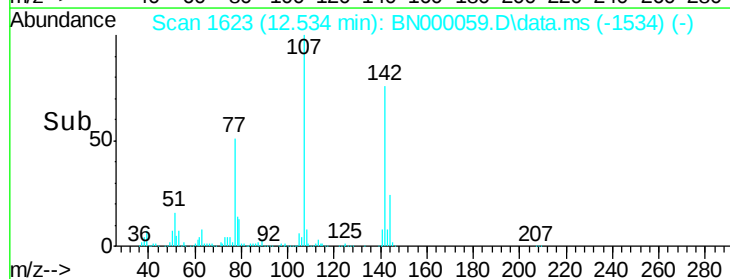
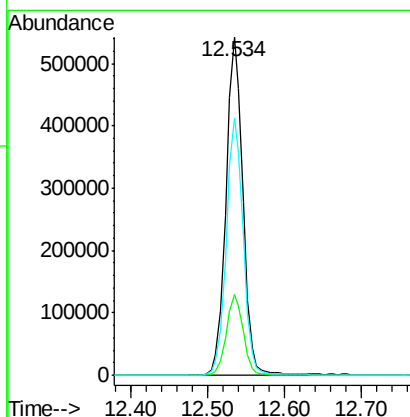
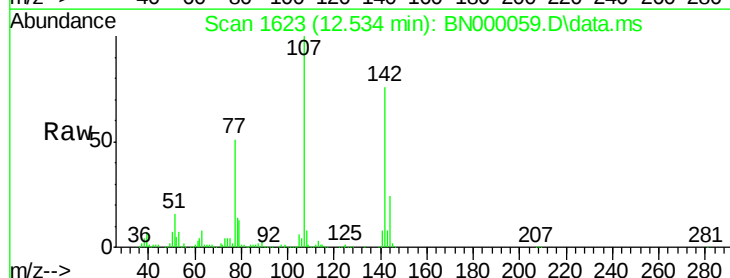
Tgt Ion:107 Resp: 831947

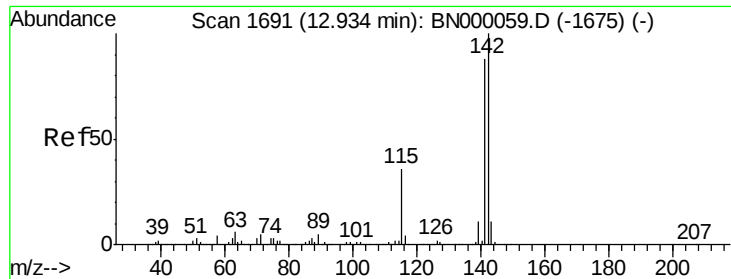
Ion Ratio Lower Upper

107 100

144 23.7 18.2 27.4

142 76.0 59.0 88.4

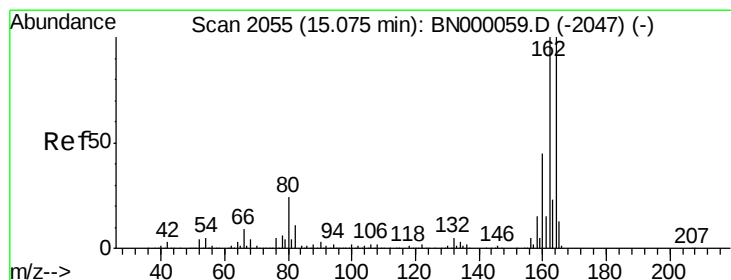
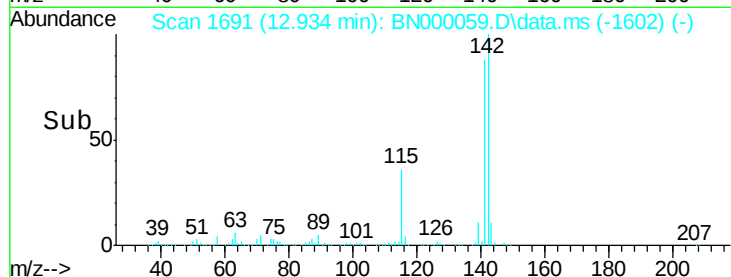
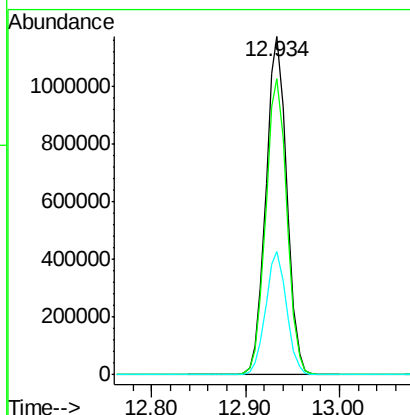
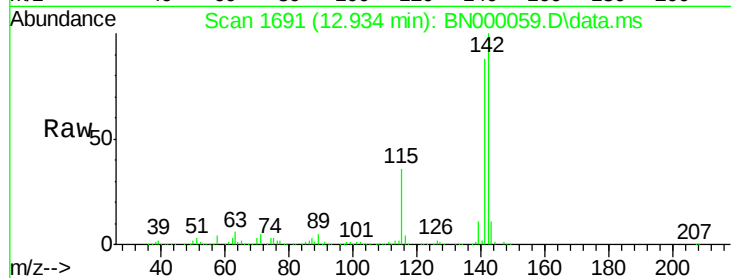




#37
2-Methylnaphthalene
Concen: 38.59 ng
RT: 12.934 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BN000059.D
Acq: 12 Feb 2018 10:16

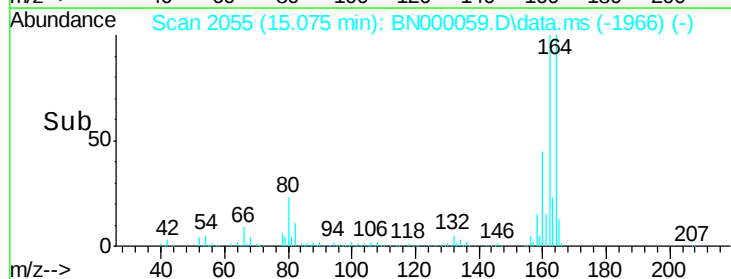
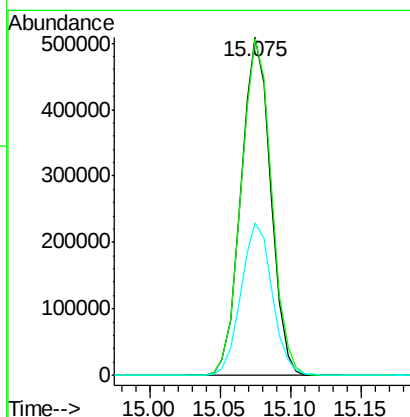
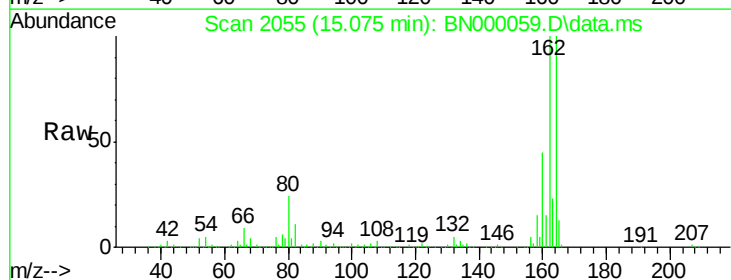
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

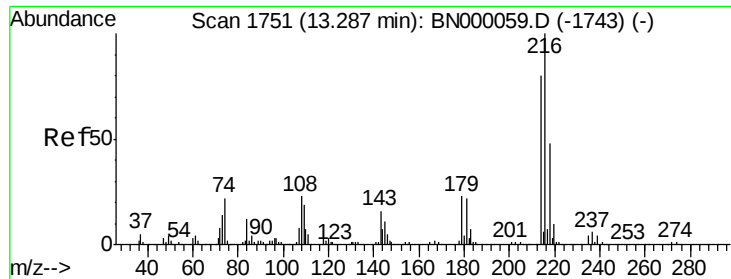
Tot Ion:142 Resp: 1802970
Ion Ratio Lower Upper
142 100
141 87.7 67.1 100.7
115 36.3 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.075 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BN000059.D
Acq: 12 Feb 2018 10:16

Tgt Ion:164 Resp: 745329
Ion Ratio Lower Upper
164 100
162 99.7 78.8 118.2
160 45.1 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.54 ng

RT: 13.287 min Scan# 1751

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

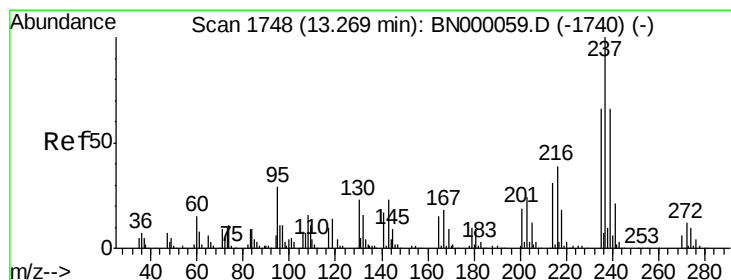
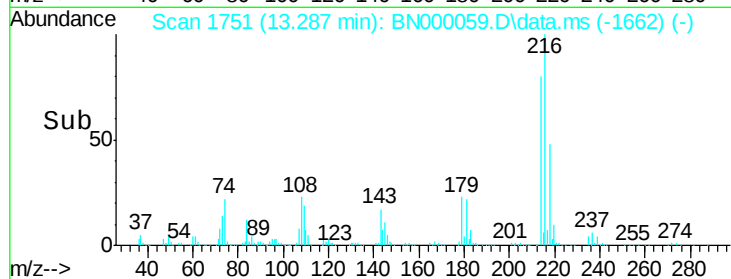
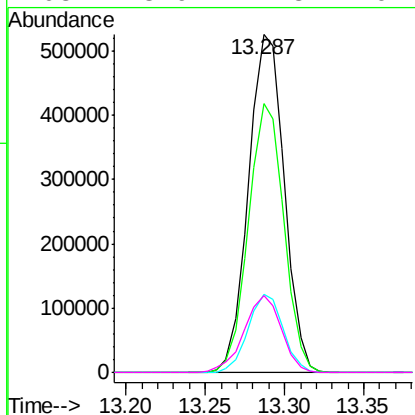
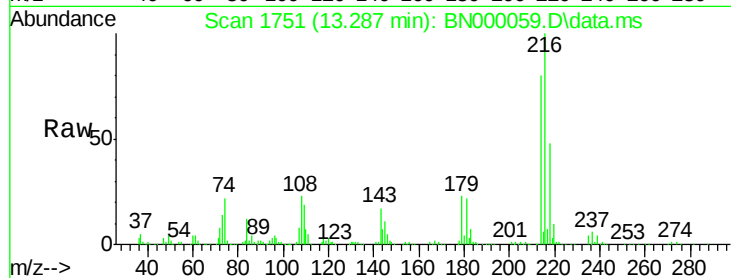
Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion:	216	Resp:	825795
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.0	94.4
179	22.7	17.0	25.6
108	23.9	12.8	19.2#



#40

Hexachlorocyclopentadiene

Concen: 33.71 ng

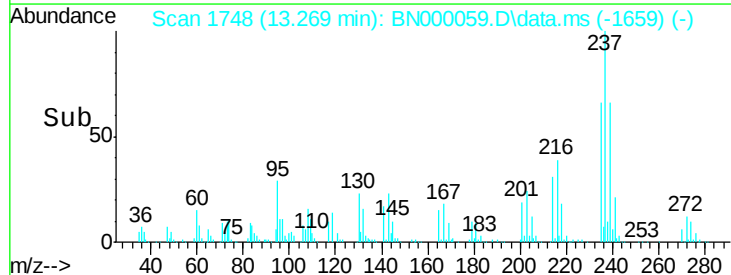
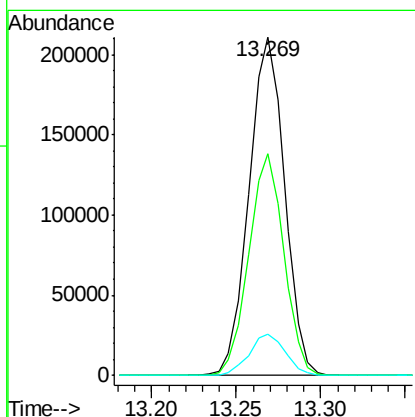
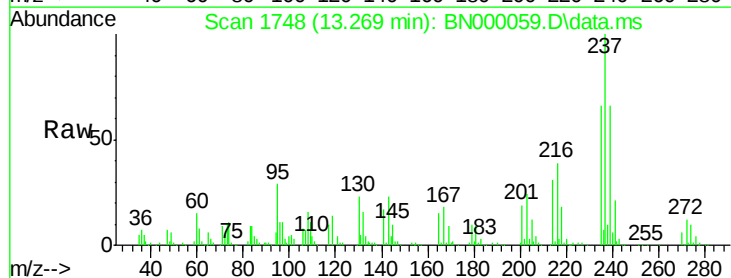
RT: 13.269 min Scan# 1748

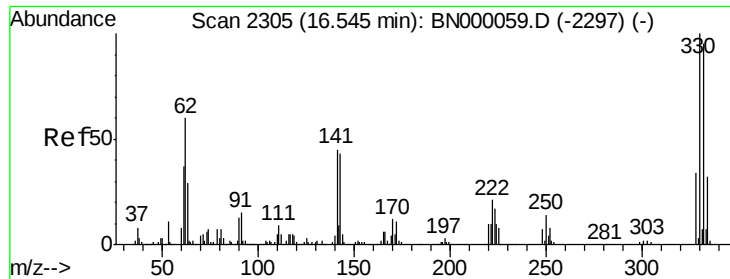
Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Tgt Ion:	237	Resp:	309165
Ion Ratio	Lower	Upper	
237	100		
235	65.5	50.4	90.4
272	12.1	0.0	31.8





#41

2,4,6-Tribromophenol

Concen: 76.82 ng

RT: 16.545 min Scan# 2305

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

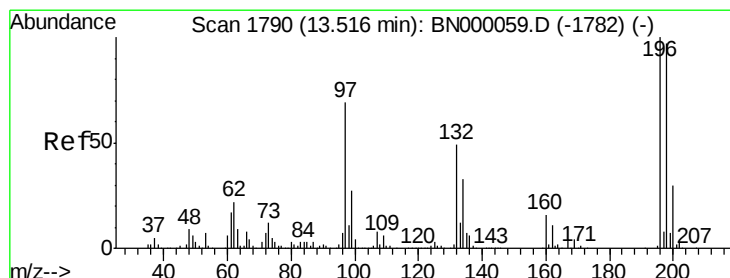
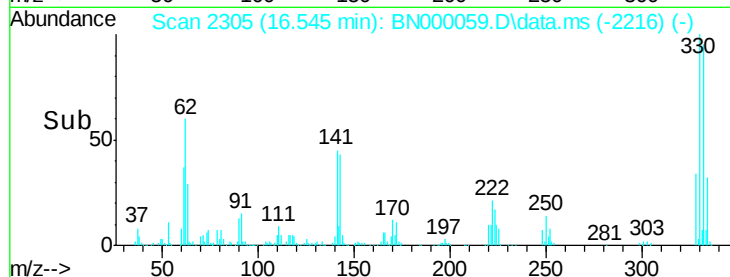
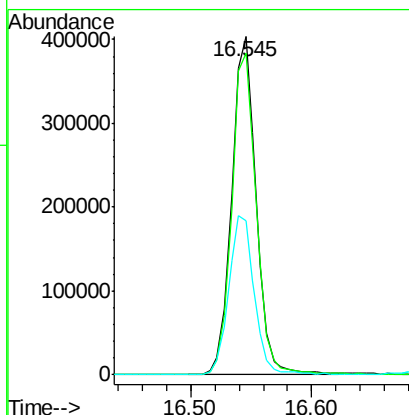
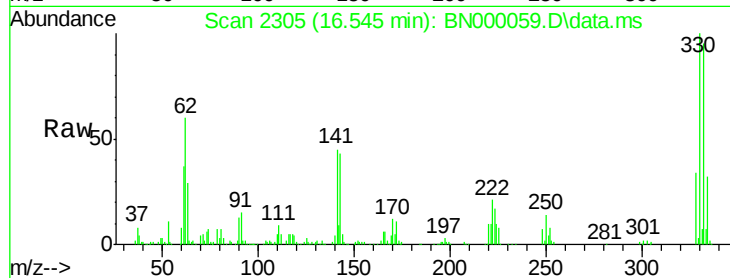
Tot Ion:330 Resp: 566733

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

141 49.1 25.2 37.8#



#42

2,4,6-Trichlorophenol

Concen: 36.76 ng

RT: 13.516 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

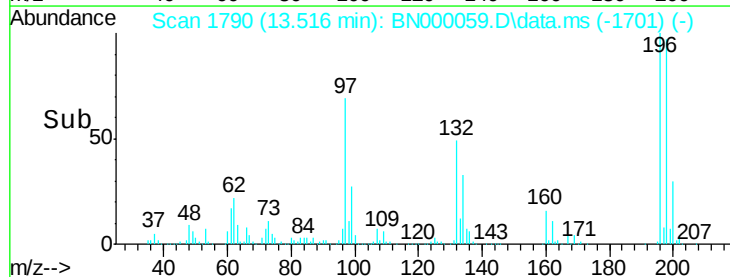
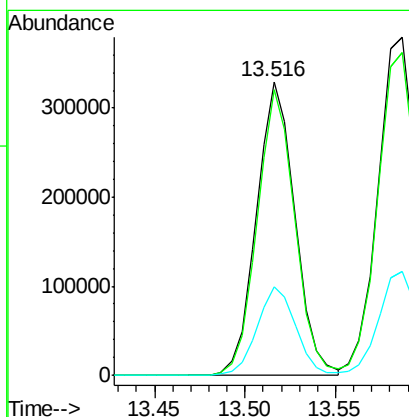
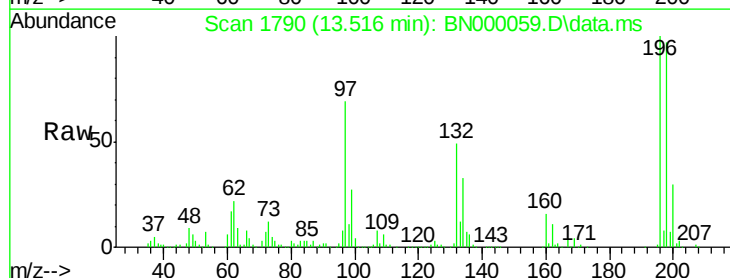
Tgt Ion:196 Resp: 484652

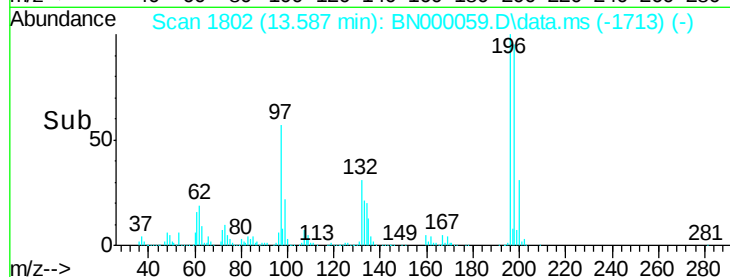
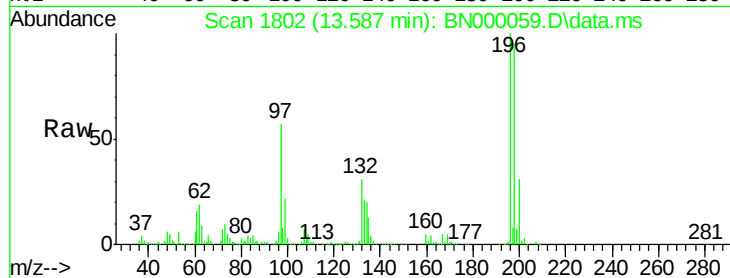
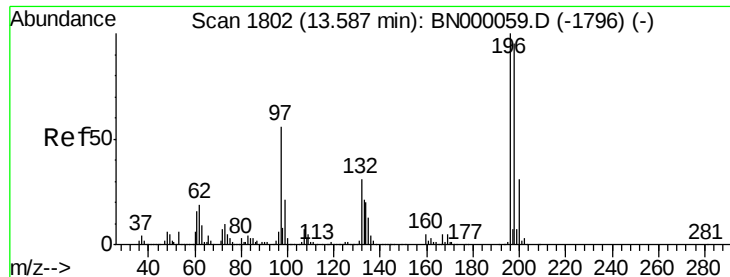
Ion Ratio Lower Upper

196 100

198 97.1 78.2 117.2

200 30.2 24.6 36.8

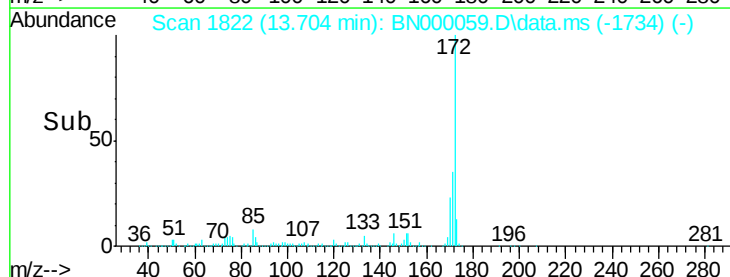
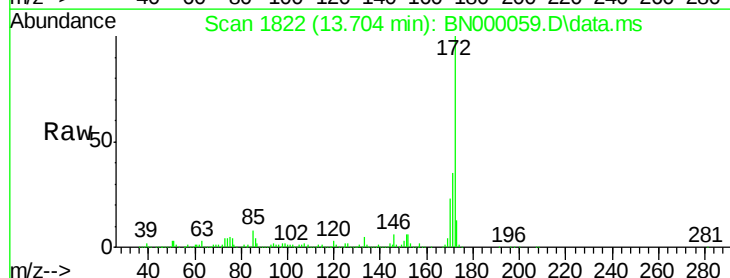
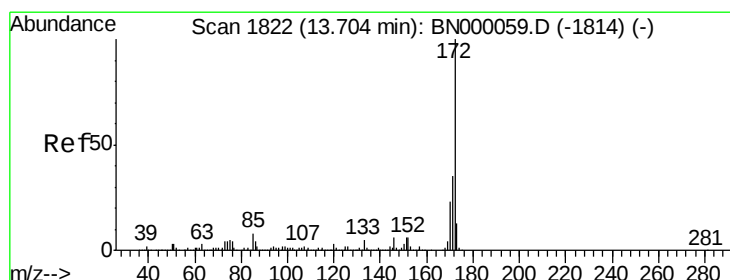
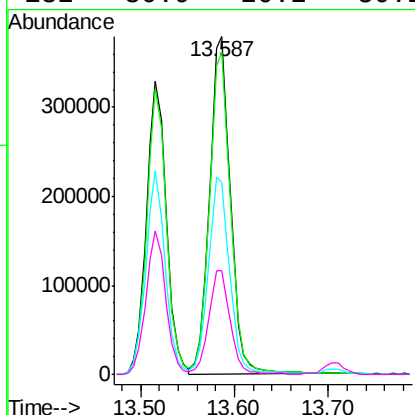




#43
2,4,5-Trichlorophenol
Concen: 37.54 ng
RT: 13.587 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BN000059.D
Acq: 12 Feb 2018 10:16

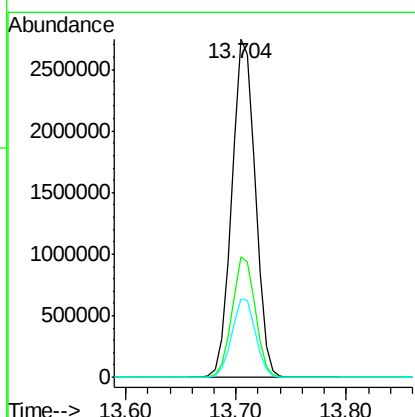
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

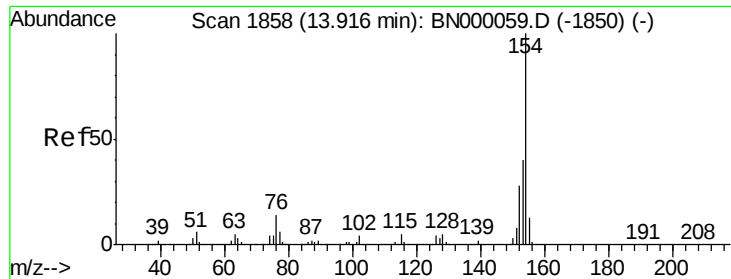
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.2	114.4
97	56.8	38.7	58.1
132	30.9	20.2	30.2#



#44
2-Fluorobiphenyl
Concen: 77.37 ng
RT: 13.704 min Scan# 1822
Delta R.T. -0.012 min
Lab File: BN000059.D
Acq: 12 Feb 2018 10:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	23.2	19.5	29.3





#45

1,1'-Biphenyl

Concen: 38.14 ng

RT: 13.916 min Scan# 1858

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

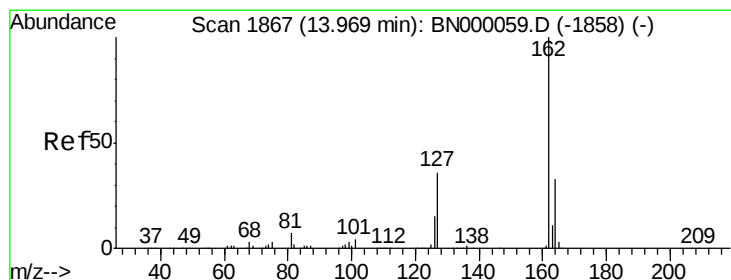
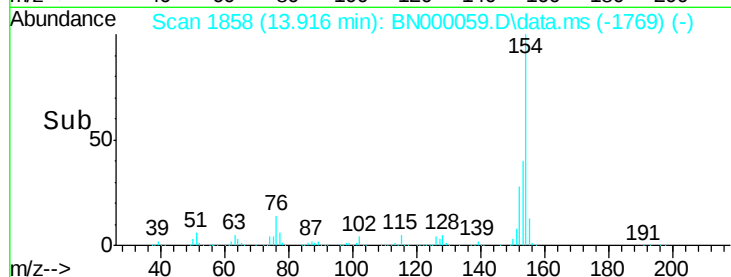
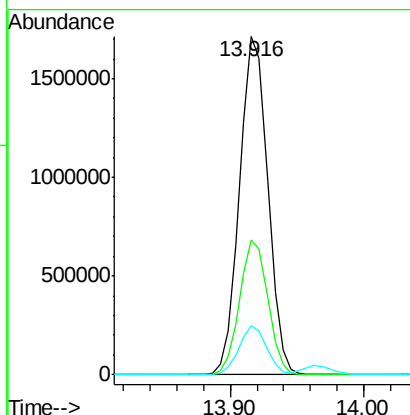
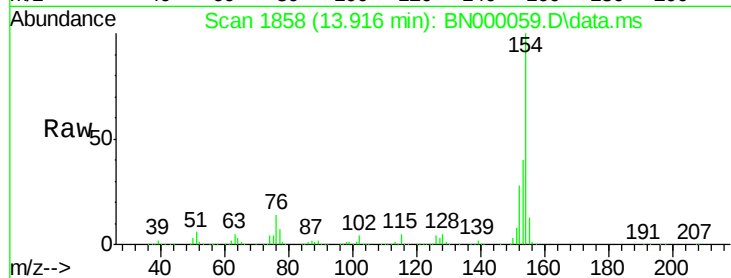
BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 2503563

Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.8	59.8
76	14.5	0.0	31.9



#46

2-Chloronaphthalene

Concen: 38.07 ng

RT: 13.969 min Scan# 1867

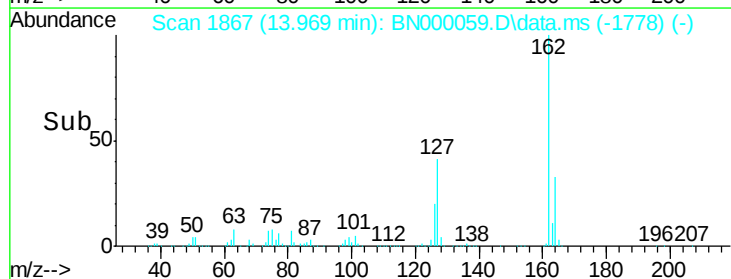
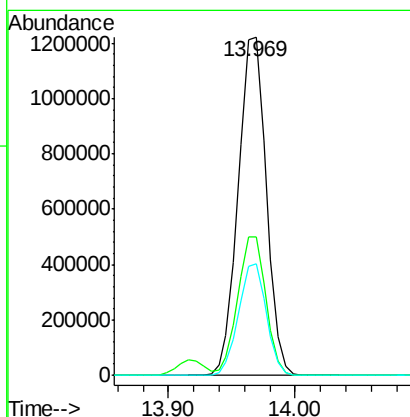
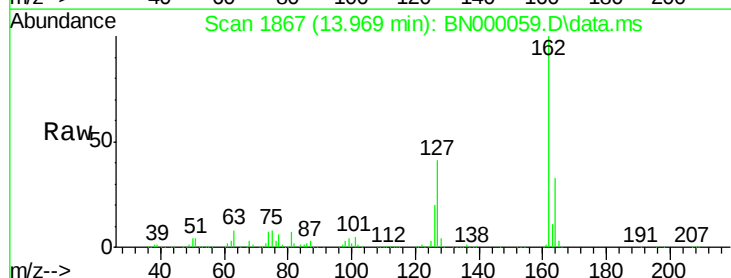
Delta R.T. -0.006 min

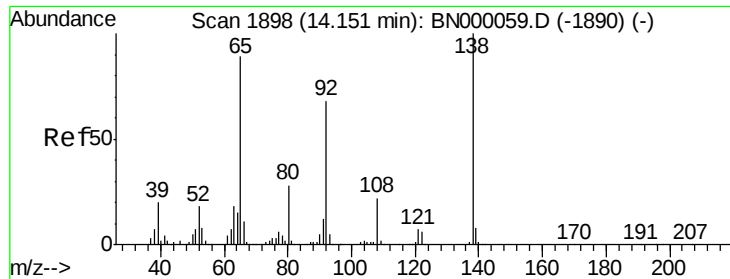
Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Tgt Ion:162 Resp: 1874867

Ion	Ratio	Lower	Upper
162	100		
127	40.9	30.7	46.1
164	33.1	26.0	39.0

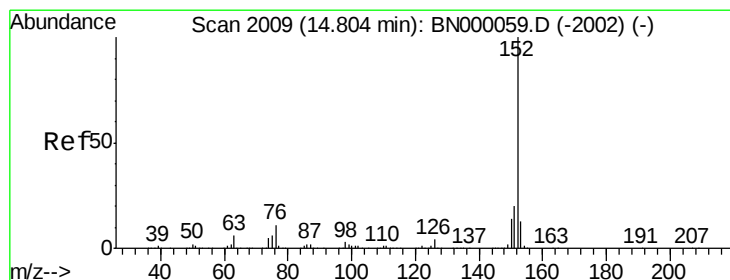
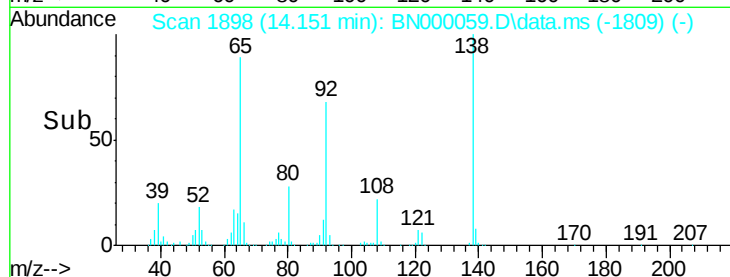
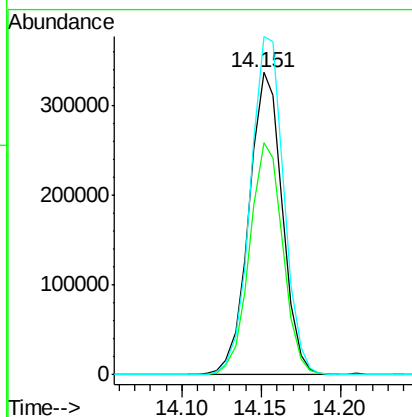
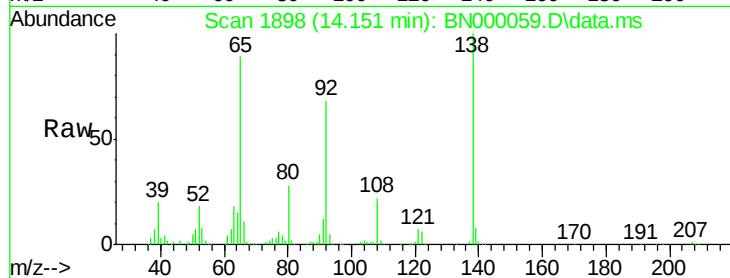




#47
 2-Nitroaniline
 Concen: 35.54 ng
 RT: 14.151 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: BN000059.D
 Acq: 12 Feb 2018 10:16

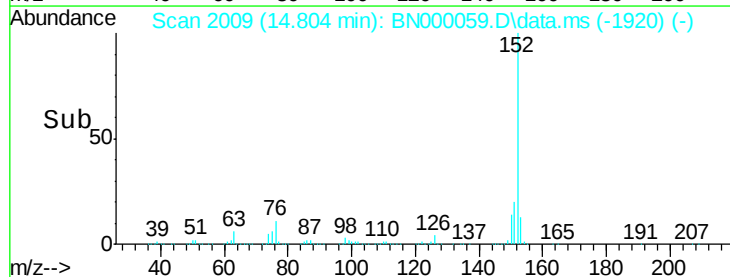
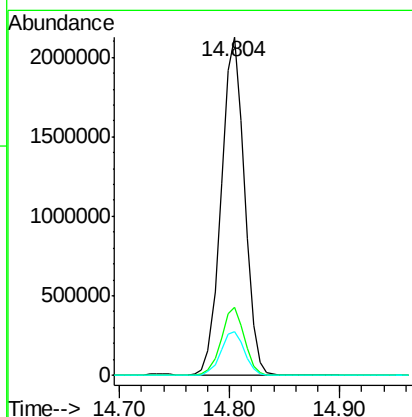
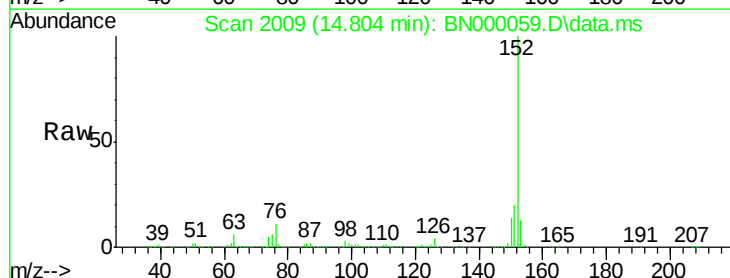
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

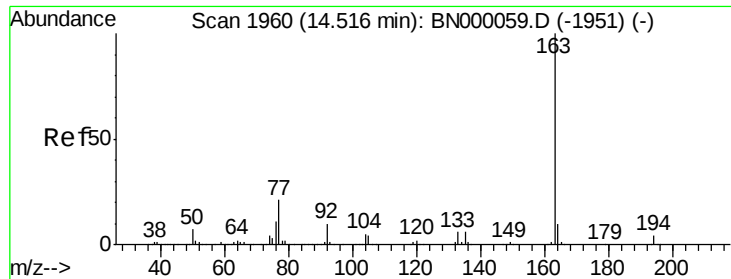
Tot Ion: 65 Resp: 493011
 Ion Ratio Lower Upper
 65 100
 92 76.7 54.6 82.0
 138 112.0 72.9 109.3#



#48
 Acenaphthylene
 Concen: 39.44 ng
 RT: 14.804 min Scan# 2009
 Delta R.T. -0.006 min
 Lab File: BN000059.D
 Acq: 12 Feb 2018 10:16

Tgt Ion: 152 Resp: 3129707
 Ion Ratio Lower Upper
 152 100
 151 20.0 17.2 25.8
 153 13.0 10.2 15.4





#49

Dimethylphthalate

Concen: 39.40 ng

RT: 14.516 min Scan# 1960

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

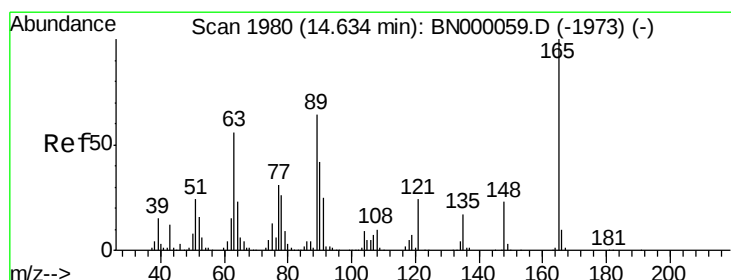
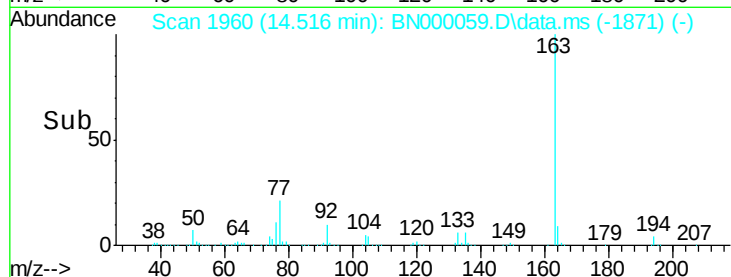
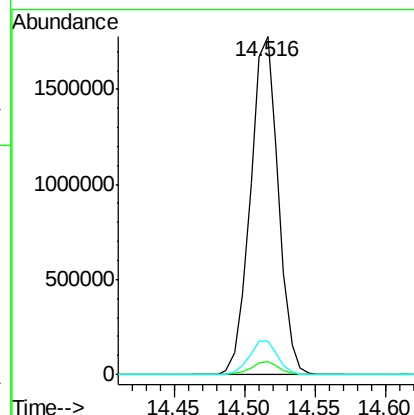
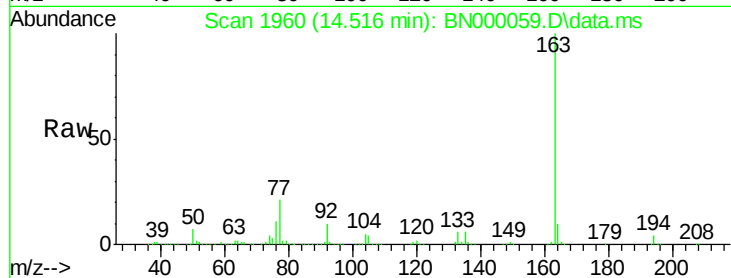
Tot Ion:163 Resp: 2454764

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

164 9.9 8.2 12.4



#50

2,6-Dinitrotoluene

Concen: 37.99 ng

RT: 14.634 min Scan# 1980

Delta R.T. -0.012 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

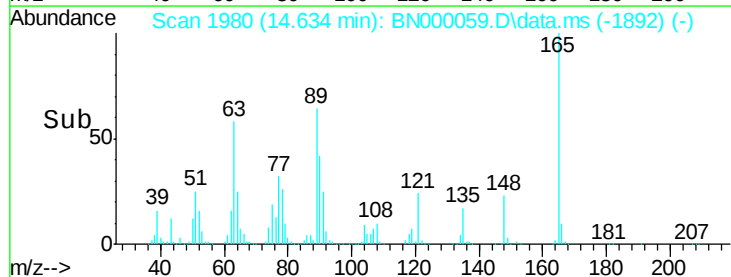
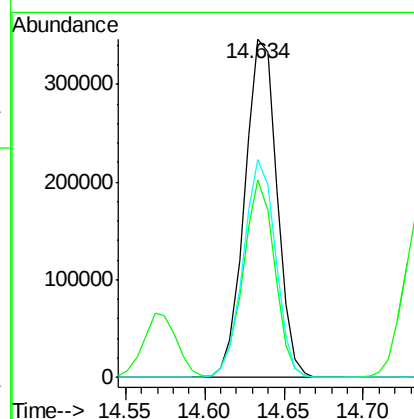
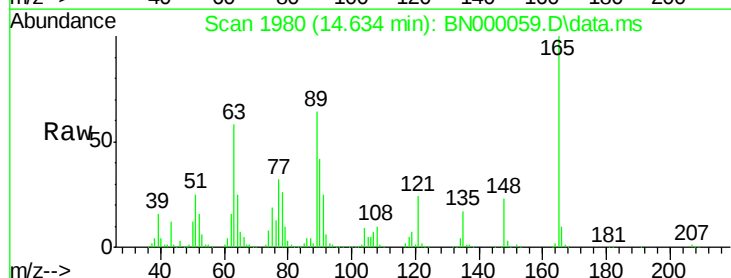
Tgt Ion:165 Resp: 488624

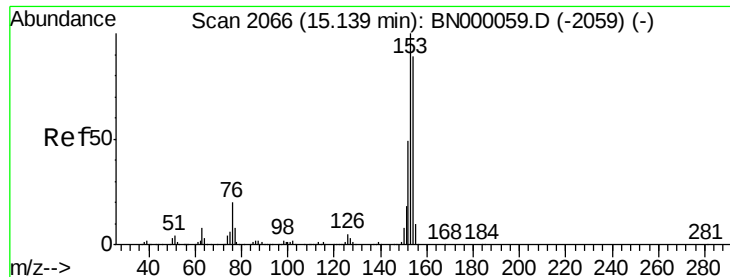
Ion Ratio Lower Upper

165 100

63 58.2 52.7 79.1

89 64.5 49.2 73.8





#51

Acenaphthene

Concen: 38.50 ng

RT: 15.139 min Scan# 2066

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

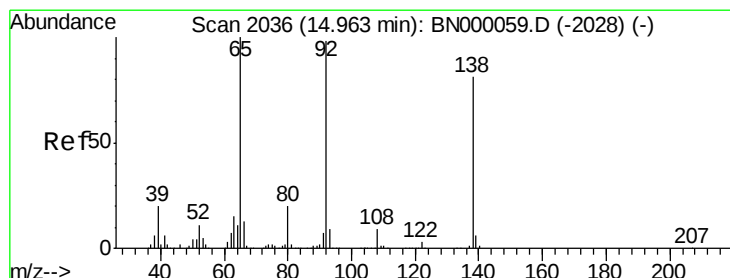
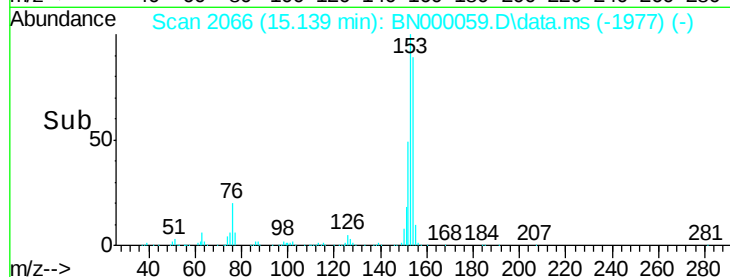
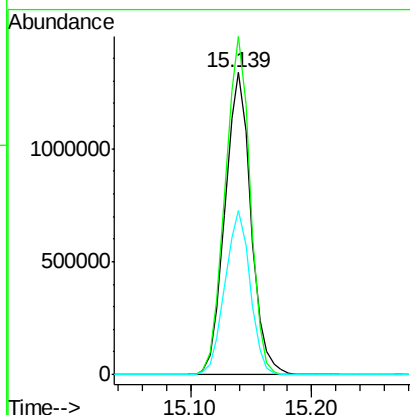
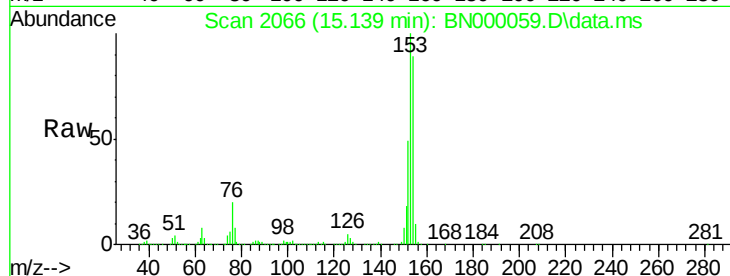
Tot Ion:154 Resp: 1988871

Ion Ratio Lower Upper

154 100

153 112.0 90.4 135.6

152 54.4 41.6 62.4



#52

3-Nitroaniline

Concen: 39.56 ng

RT: 14.963 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

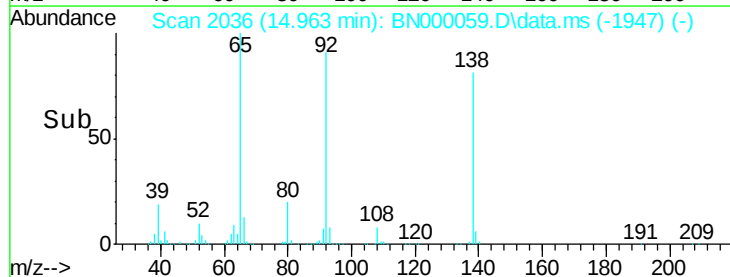
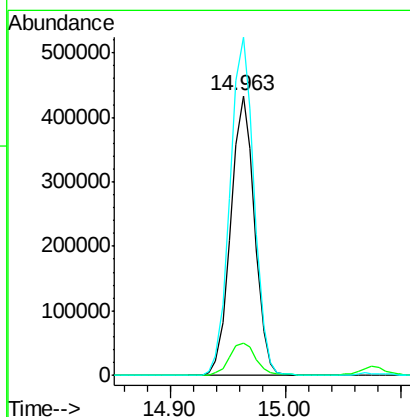
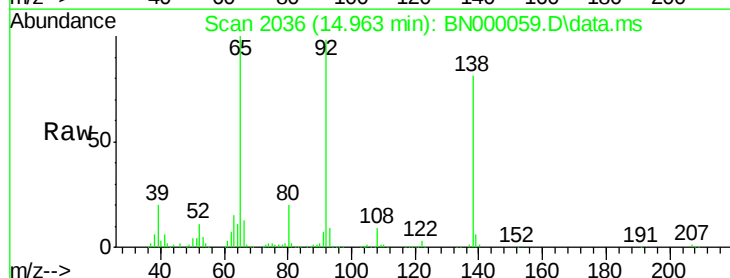
Tgt Ion:138 Resp: 618485

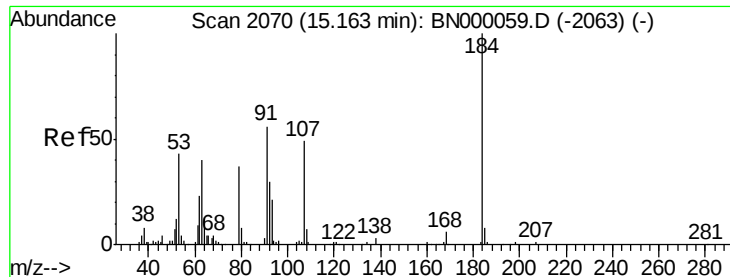
Ion Ratio Lower Upper

138 100

108 11.6 17.5 26.3#

92 121.0 105.8 158.8

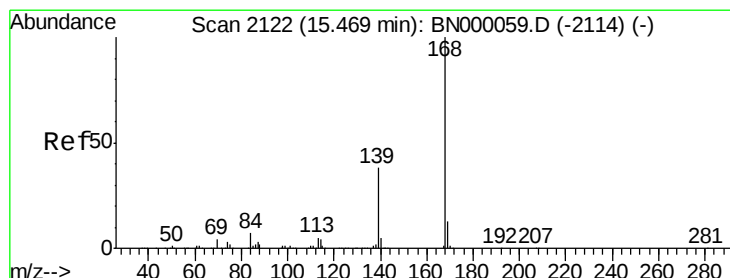
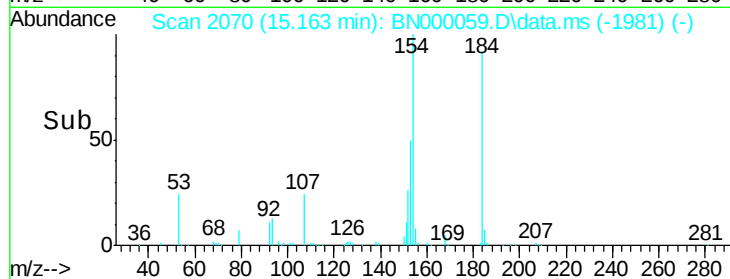
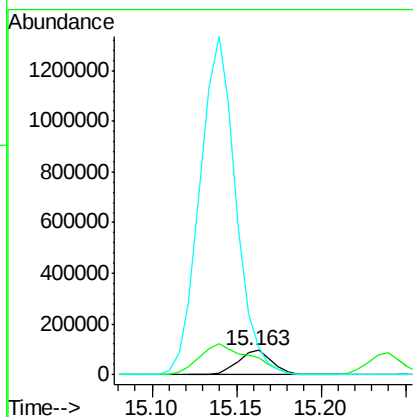
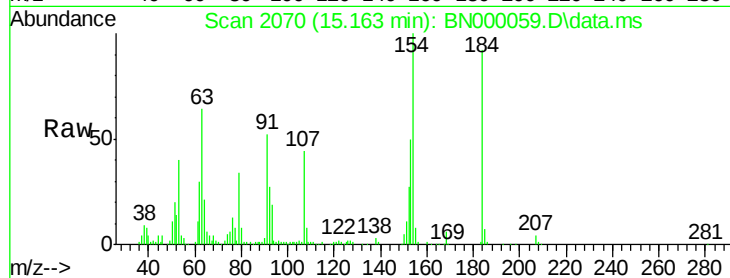




#53
 2,4-Dinitrophenol
 Concen: 35.03 ng
 RT: 15.163 min Scan# 2070
 Delta R.T. -0.005 min
 Lab File: BN000059.D
 Acq: 12 Feb 2018 10:16

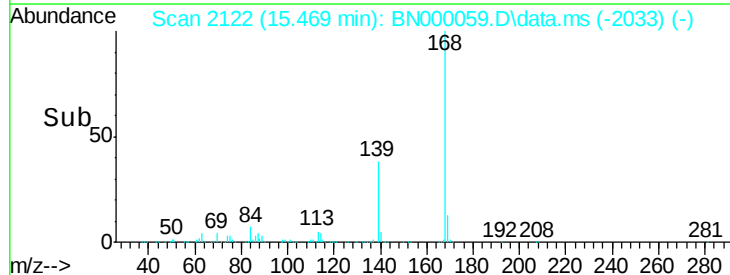
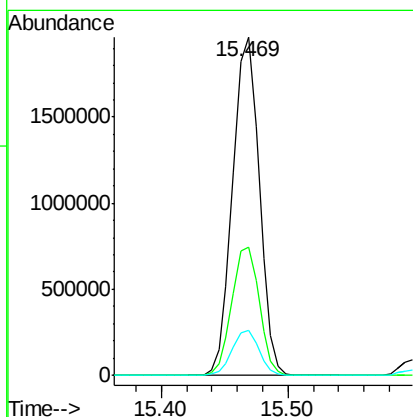
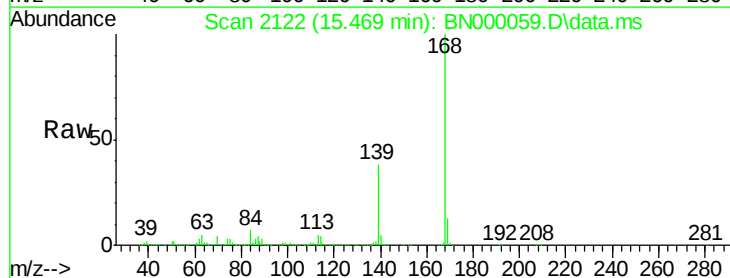
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

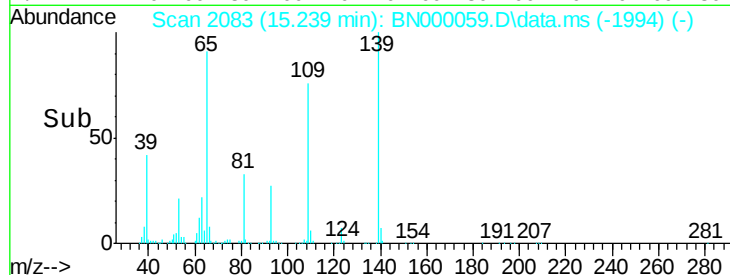
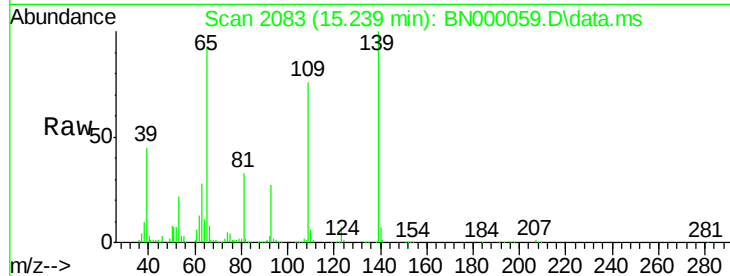
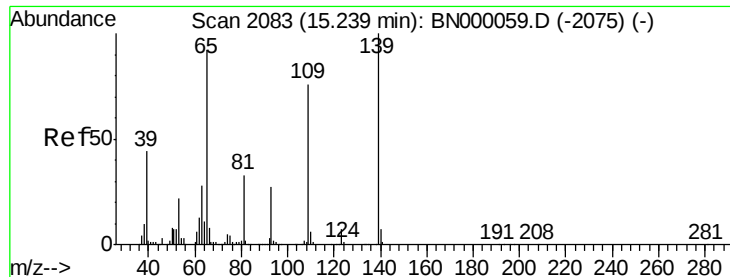
Tot Ion:184 Resp: 133064
 Ion Ratio Lower Upper
 184 100
 63 69.6 80.0 120.0#
 154 109.3 308.0 462.0#



#54
 Dibenzofuran
 Concen: 39.04 ng
 RT: 15.469 min Scan# 2122
 Delta R.T. -0.006 min
 Lab File: BN000059.D
 Acq: 12 Feb 2018 10:16

Tgt Ion:168 Resp: 2856038
 Ion Ratio Lower Upper
 168 100
 139 38.1 28.6 43.0
 169 13.1 11.2 16.8





#55

4-Nitrophenol

Concen: 38.31 ng

RT: 15.239 min Scan# 2083

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

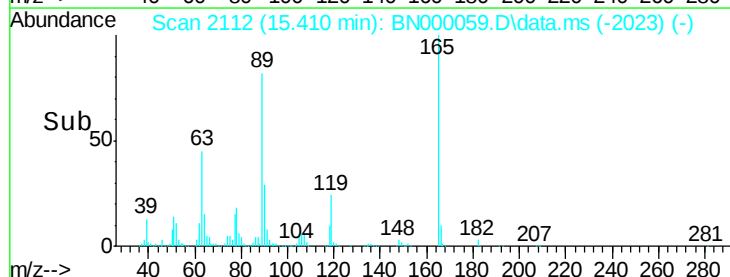
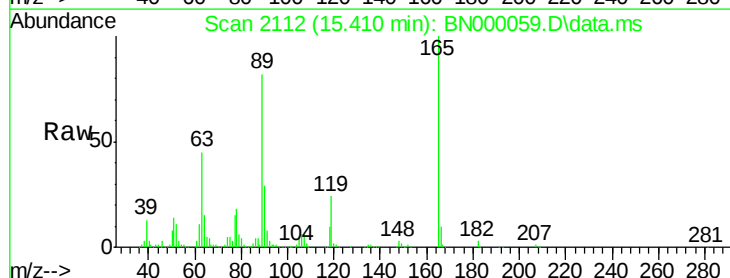
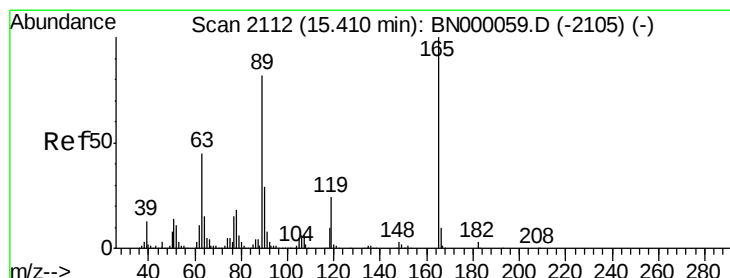
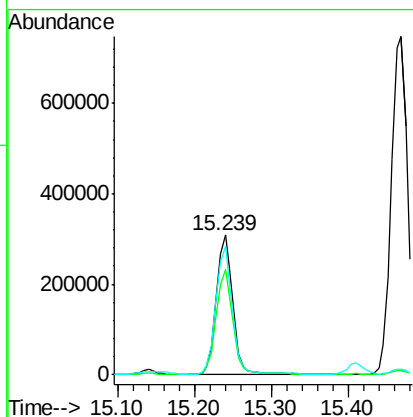
Tot Ion:139 Resp: 455356

Ion Ratio Lower Upper

139 100

109 75.6 62.2 102.2

65 92.1 97.2 137.2#



#56

2,4-Dinitrotoluene

Concen: 37.38 ng

RT: 15.410 min Scan# 2112

Delta R.T. -0.005 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Tgt Ion:165 Resp: 669612

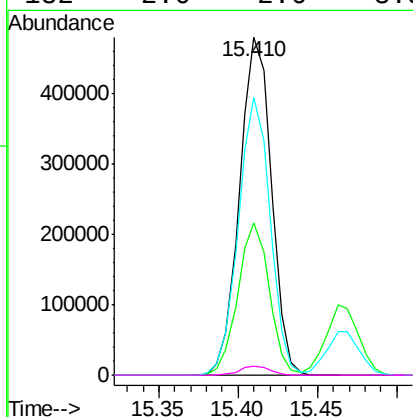
Ion Ratio Lower Upper

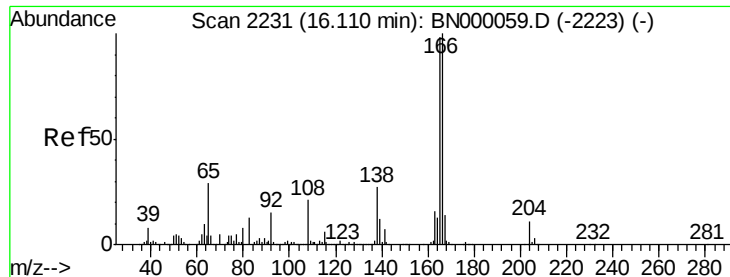
165 100

63 45.1 42.0 63.0

89 82.1 66.9 100.3

182 2.6 2.6 3.8





#57

Fluorene

Concen: 39.85 ng

RT: 16.110 min Scan# 2231

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

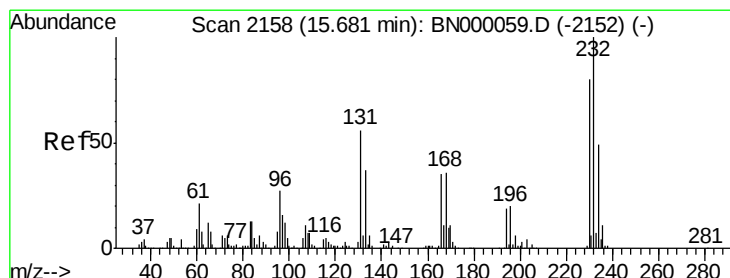
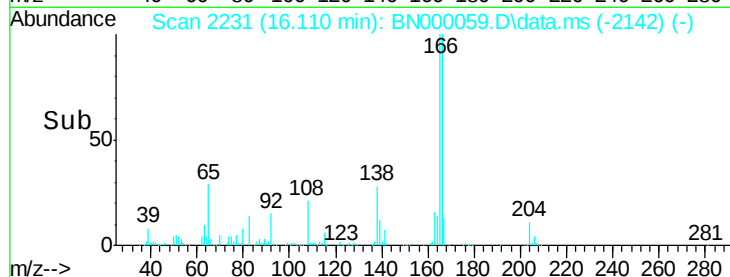
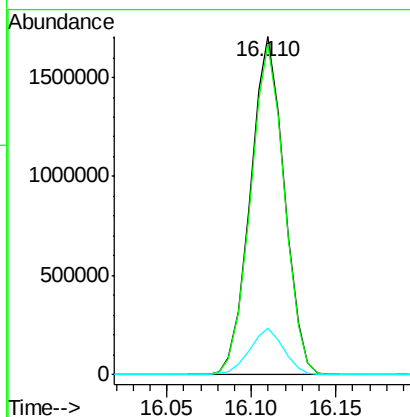
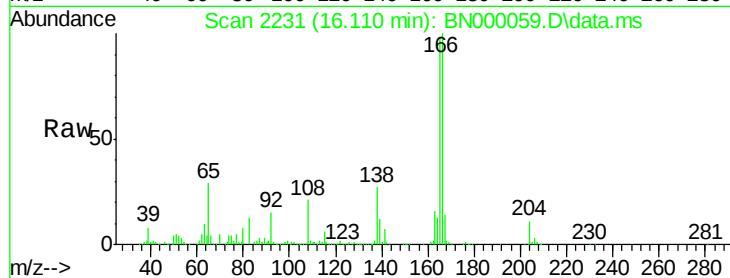
Tot Ion:166 Resp: 2380416

Ion Ratio Lower Upper

166 100

165 97.8 80.6 121.0

167 13.6 10.4 15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.31 ng

RT: 15.681 min Scan# 2158

Delta R.T. -0.005 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Tgt Ion:232 Resp: 479238

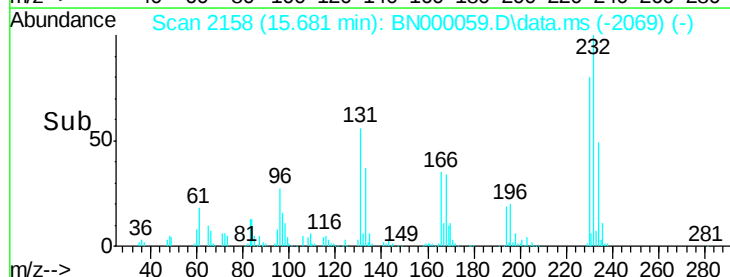
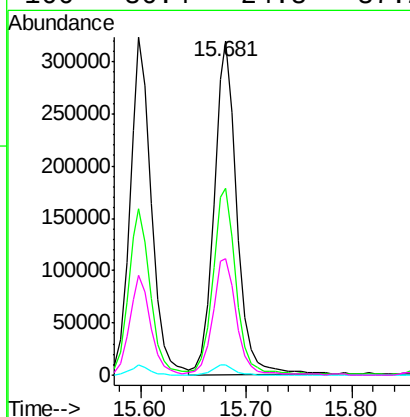
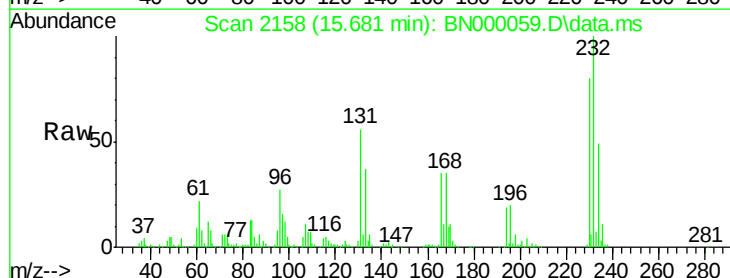
Ion Ratio Lower Upper

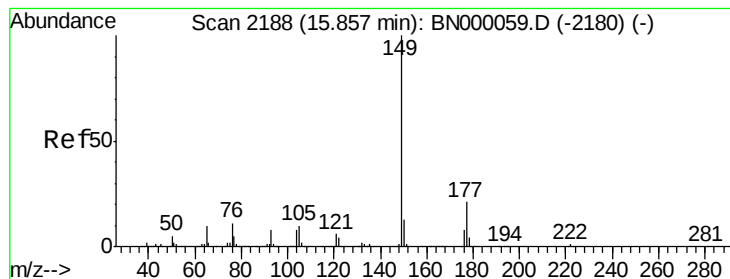
232 100

131 57.4 33.5 50.3#

130 3.0 2.2 3.2

166 36.4 24.8 37.2





#59

Diethylphthalate

Concen: 40.19 ng

RT: 15.857 min Scan# 2188

Delta R.T. -0.012 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

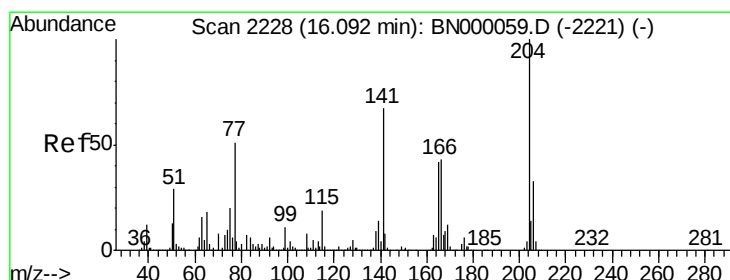
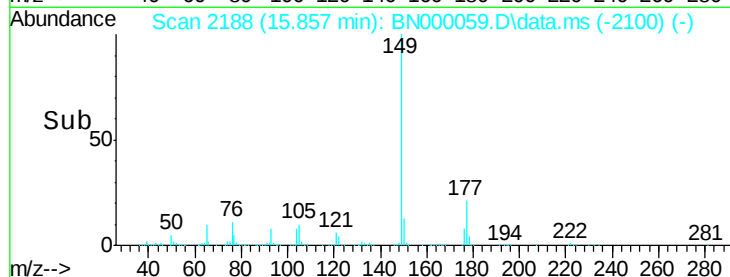
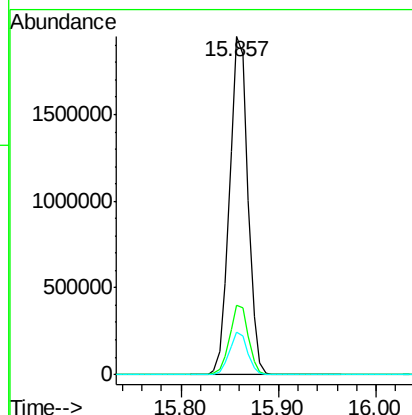
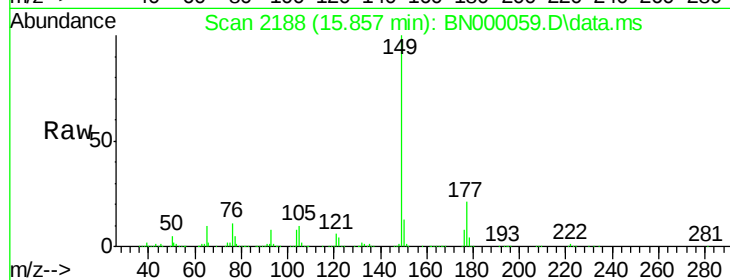
Tot Ion:149 Resp: 2544444

Ion Ratio Lower Upper

149 100

177 20.6 18.5 27.7

150 12.6 10.2 15.2



#60

4-Chlorophenyl-phenylether

Concen: 39.06 ng

RT: 16.092 min Scan# 2228

Delta R.T. -0.012 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

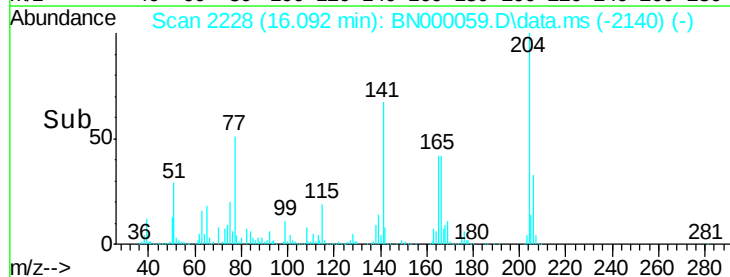
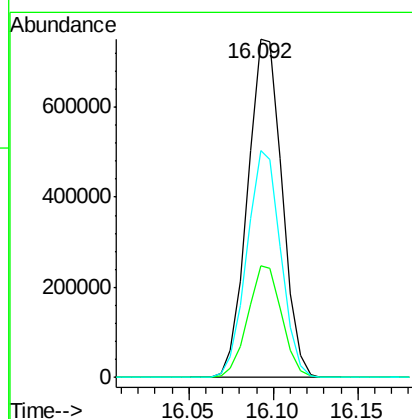
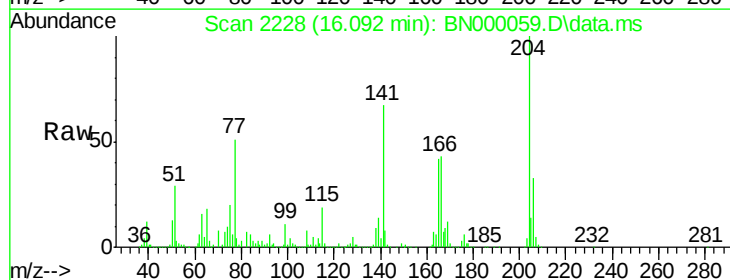
Tgt Ion:204 Resp: 1063324

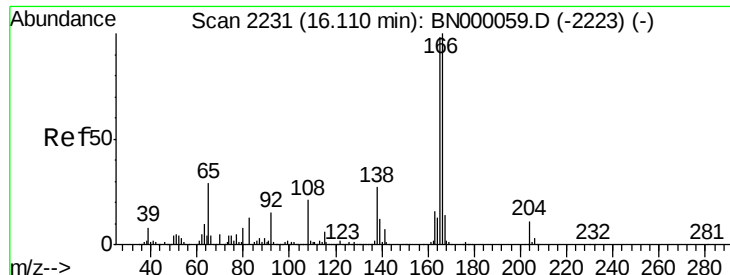
Ion Ratio Lower Upper

204 100

206 33.0 26.2 39.2

141 67.2 45.8 68.6

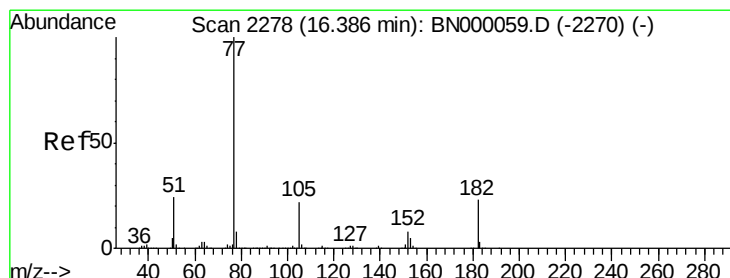
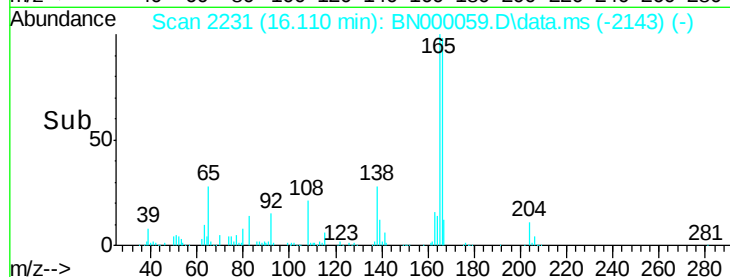
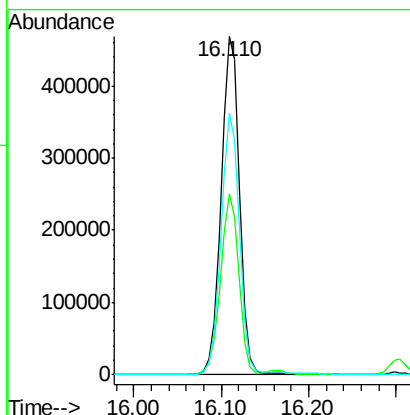
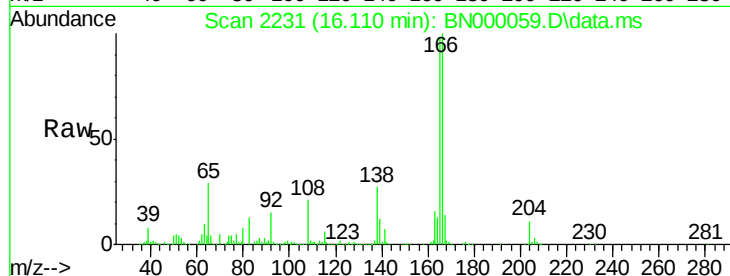




#61
4-Nitroaniline
Concen: 42.42 ng
RT: 16.110 min Scan# 2231
Delta R.T. -0.012 min
Lab File: BN000059.D
Acq: 12 Feb 2018 10:16

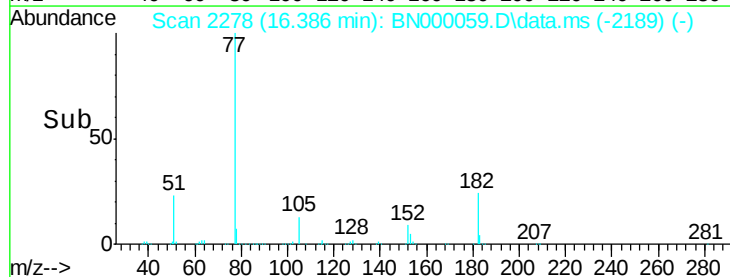
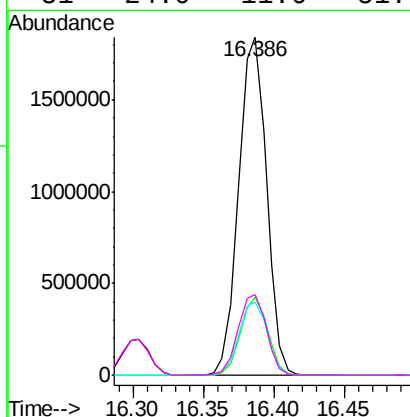
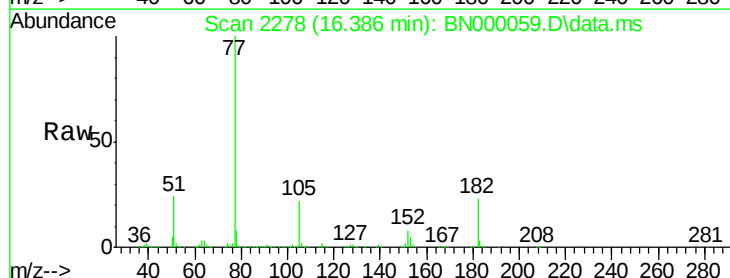
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

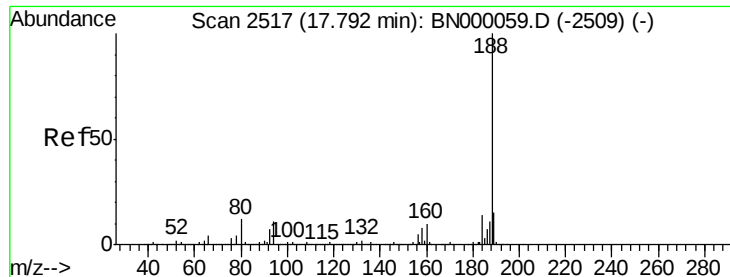
Tot Ion:138 Resp: 681474
Ion Ratio Lower Upper
138 100
92 53.5 40.1 80.1
108 77.3 65.4 105.4



#62
Azobenzene
Concen: 40.24 ng
RT: 16.386 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BN000059.D
Acq: 12 Feb 2018 10:16

Tgt Ion: 77 Resp: 2536273
Ion Ratio Lower Upper
77 100
182 23.1 7.4 47.4
105 21.7 0.3 40.3
51 24.0 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.792 min Scan# 2517

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

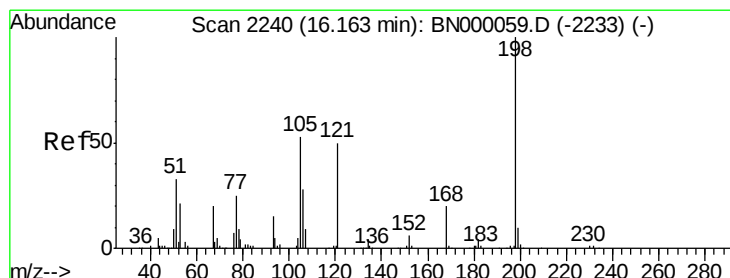
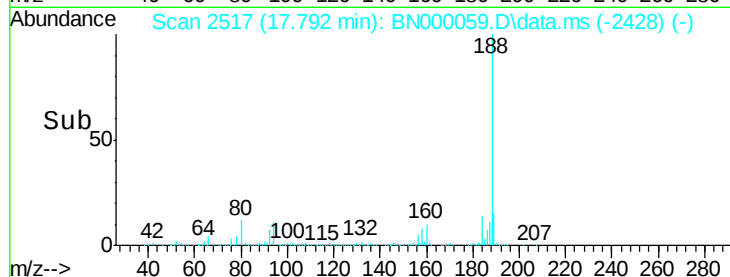
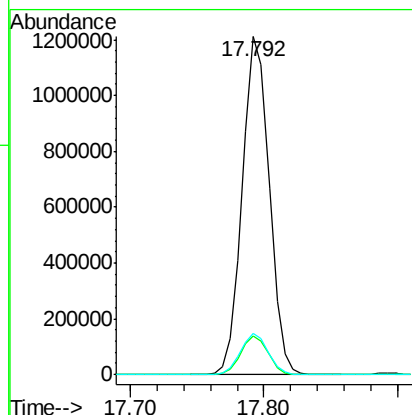
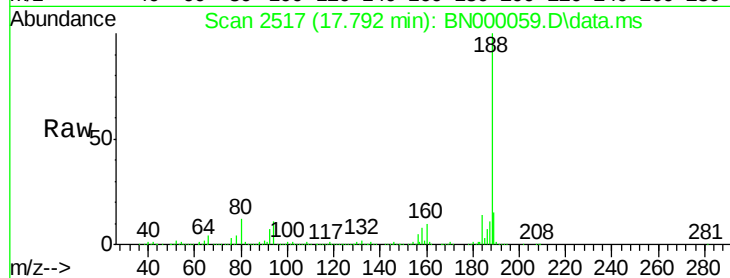
Tot Ion:188 Resp: 1694410

Ion Ratio Lower Upper

188 100

94 11.4 6.9 10.3#

80 12.1 7.7 11.5#



#64

4,6-Dinitro-2-methylphenol

Concen: 33.96 ng

RT: 16.163 min Scan# 2240

Delta R.T. -0.011 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

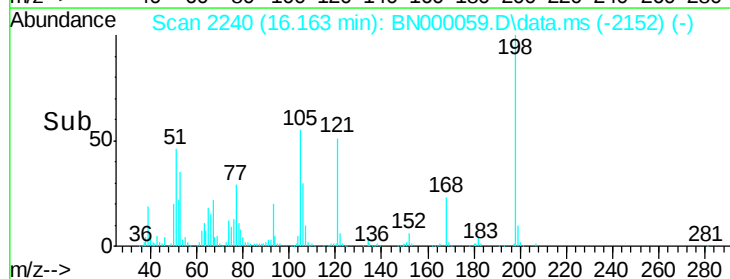
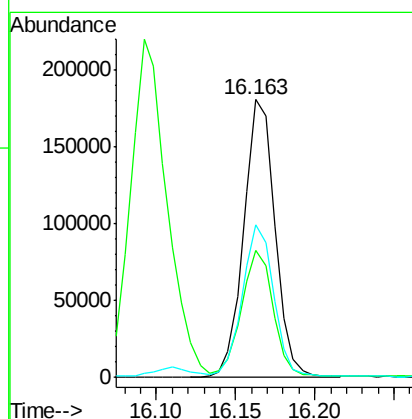
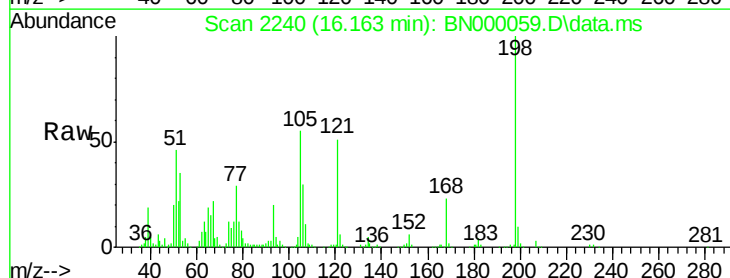
Tgt Ion:198 Resp: 247473

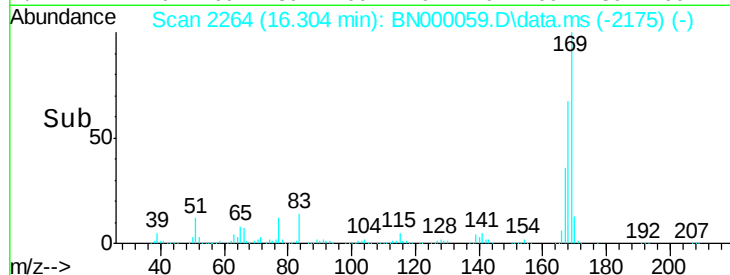
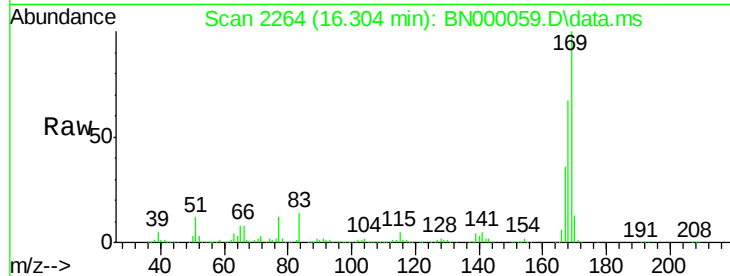
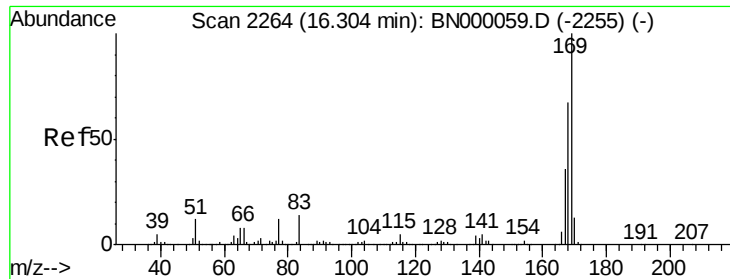
Ion Ratio Lower Upper

198 100

51 45.9 30.6 70.6

105 55.0 23.8 63.8

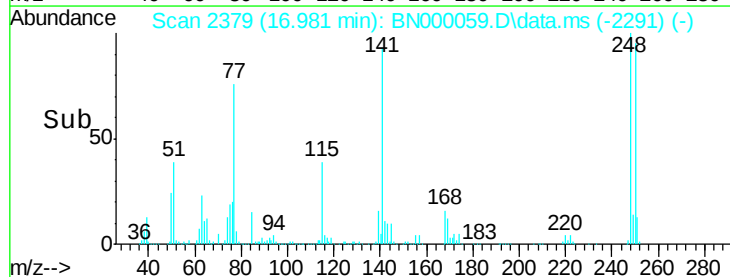
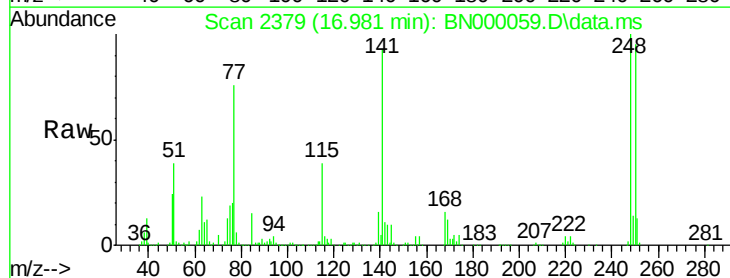
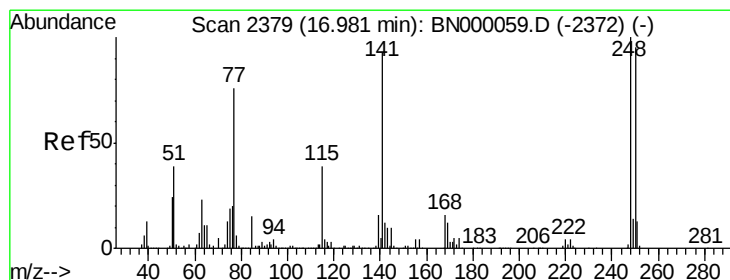
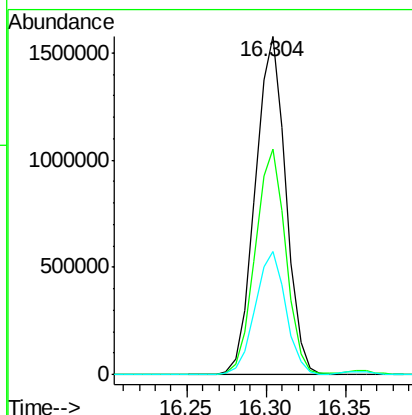




#65
n-Nitrosodiphenylamine
Concen: 38.36 ng
RT: 16.304 min Scan# 22
Delta R.T. -0.006 min
Lab File: BN000059.D
Acq: 12 Feb 2018 10:16

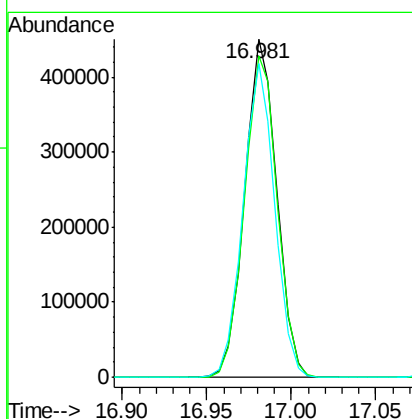
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

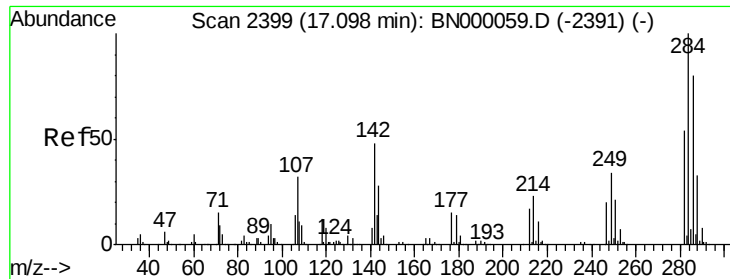
Tot Ion:169 Resp: 2114684
Ion Ratio Lower Upper
169 100
168 66.6 55.7 83.5
167 36.4 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 36.90 ng
RT: 16.981 min Scan# 2379
Delta R.T. -0.012 min
Lab File: BN000059.D
Acq: 12 Feb 2018 10:16

Tgt Ion:248 Resp: 594614
Ion Ratio Lower Upper
248 100
250 95.2 77.1 115.7
141 92.7 50.8 76.2#

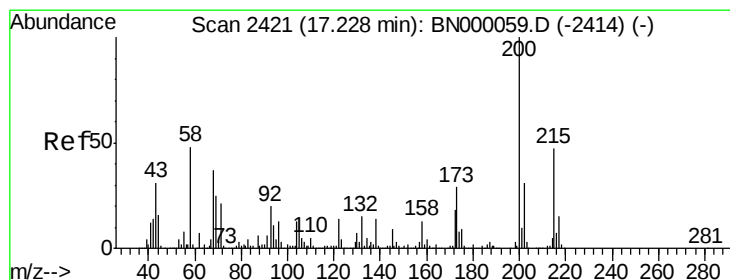
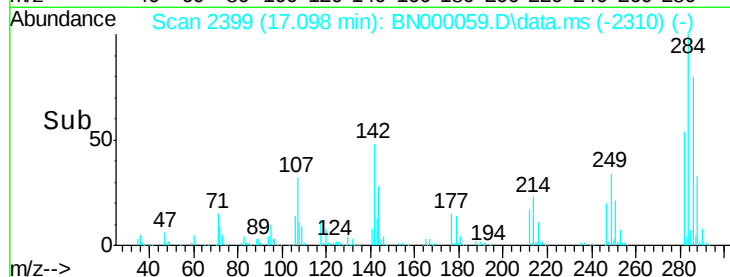
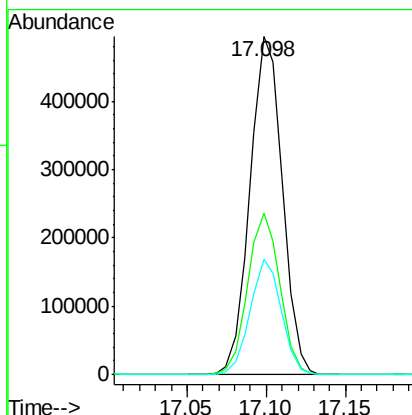
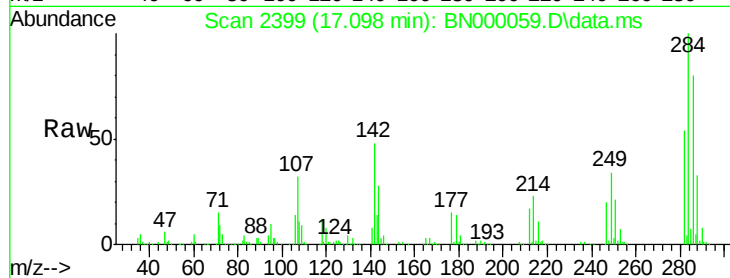




#67
Hexachlorobenzene
Concen: 37.32 ng
RT: 17.098 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BN000059.D
Acq: 12 Feb 2018 10:16

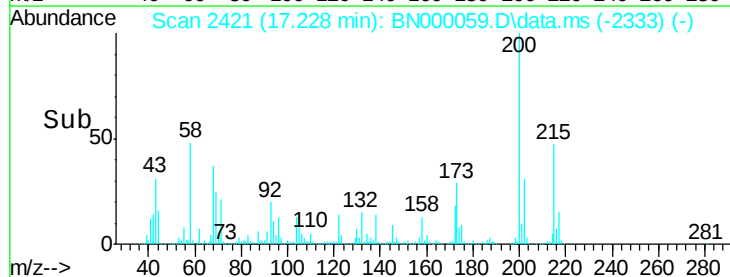
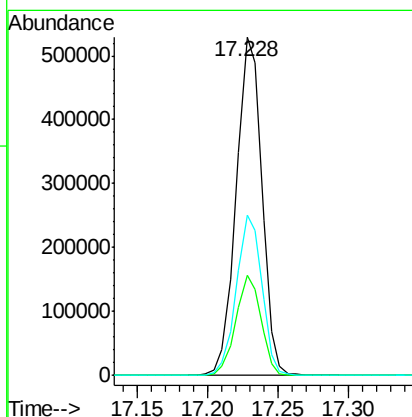
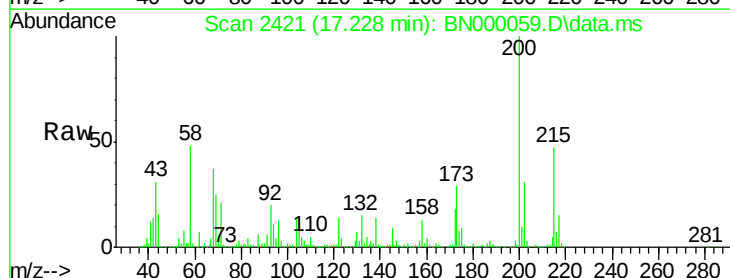
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

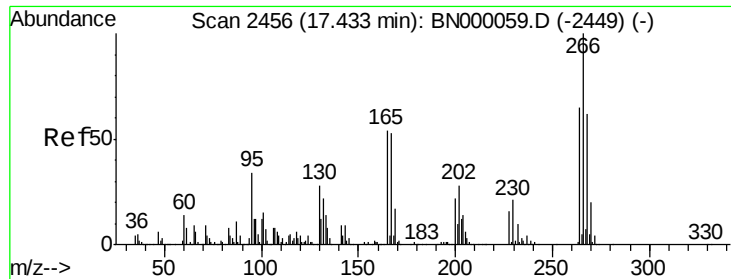
Tot Ion	Ratio	Lower	Upper
284	100		
142	47.7	26.8	40.2
249	34.2	26.3	39.5



#68
Atrazine
Concen: 37.38 ng
RT: 17.228 min Scan# 2421
Delta R.T. -0.012 min
Lab File: BN000059.D
Acq: 12 Feb 2018 10:16

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.4	5.2	45.2
215	47.2	30.4	70.4

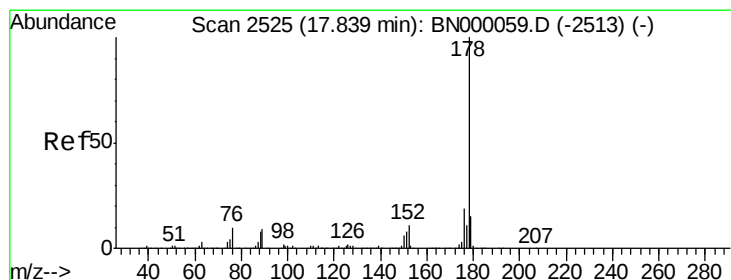
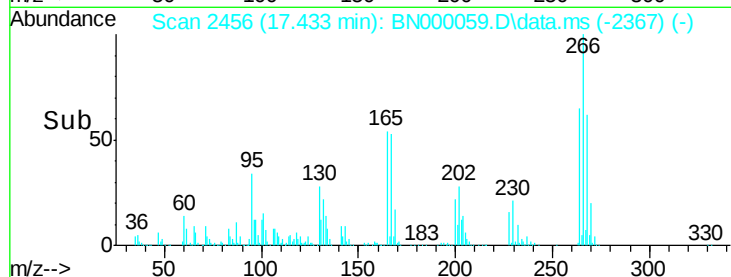
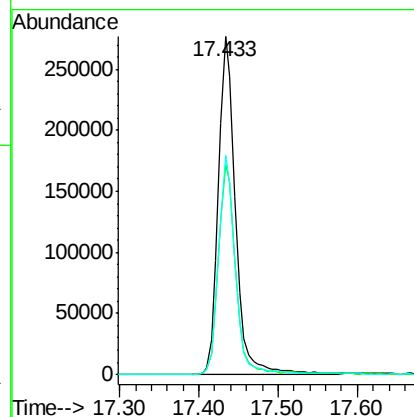
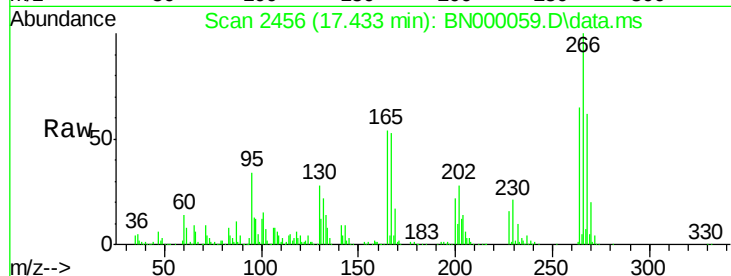




#69
 Pentachlorophenol
 Concen: 35.60 ng
 RT: 17.433 min Scan# 2456
 Delta R.T. -0.006 min
 Lab File: BN000059.D
 Acq: 12 Feb 2018 10:16

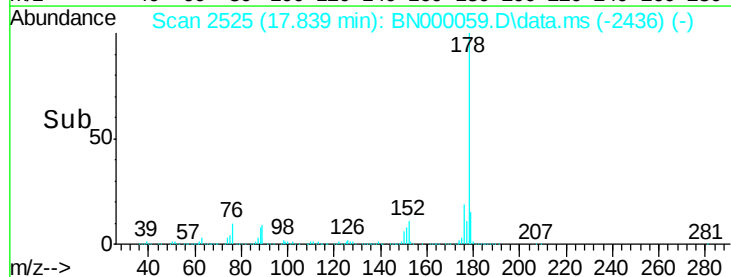
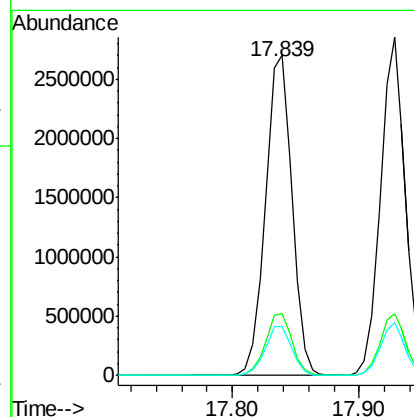
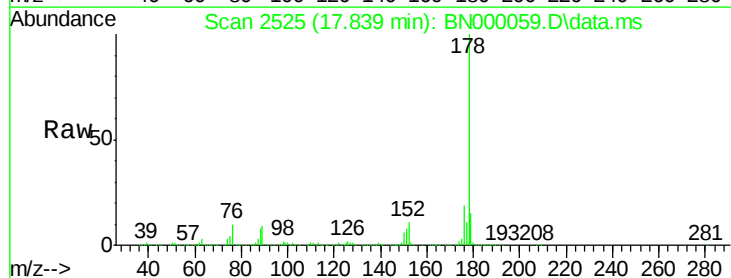
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

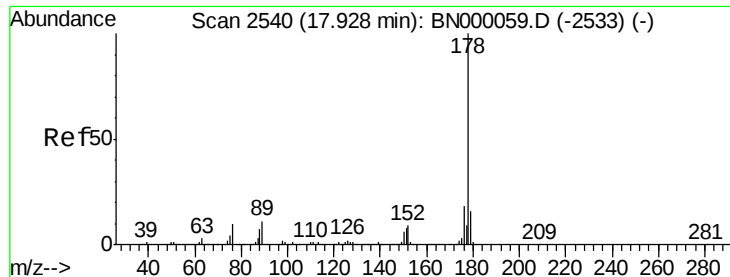
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	64.9	49.6	74.4



#70
 Phenanthrene
 Concen: 39.22 ng
 RT: 17.839 min Scan# 2525
 Delta R.T. -0.006 min
 Lab File: BN000059.D
 Acq: 12 Feb 2018 10:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.3	12.5	18.7

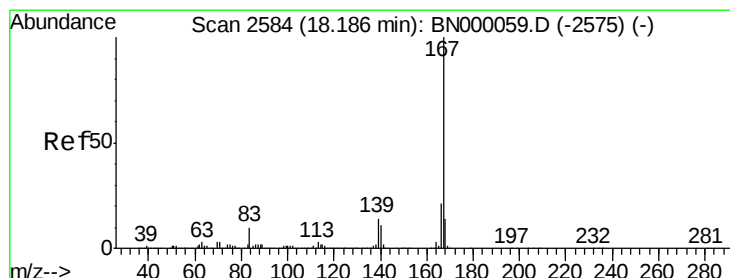
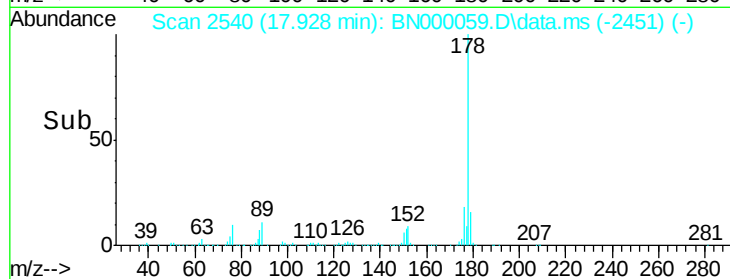
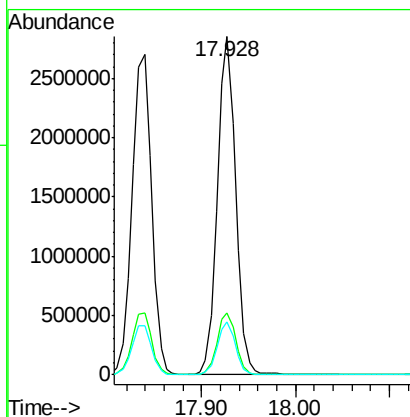
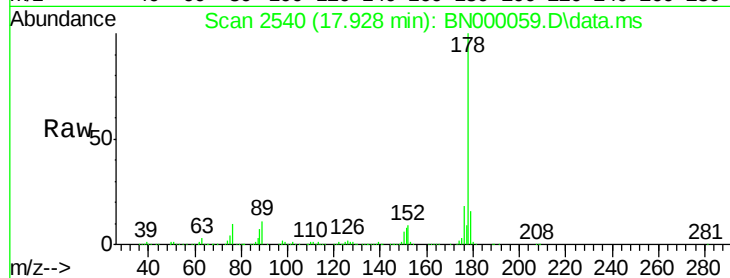




#71
 Anthracene
 Concen: 40.12 ng
 RT: 17.928 min Scan# 2540
 Delta R.T. -0.006 min
 Lab File: BN000059.D
 Acq: 12 Feb 2018 10:16

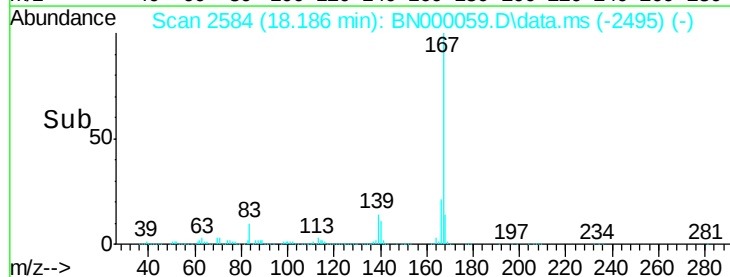
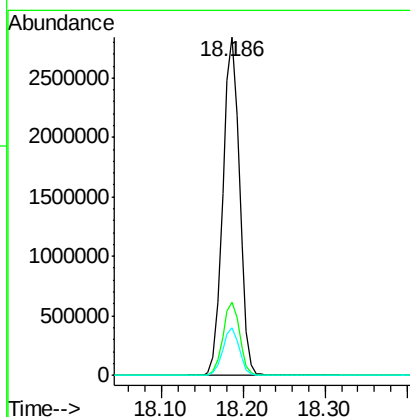
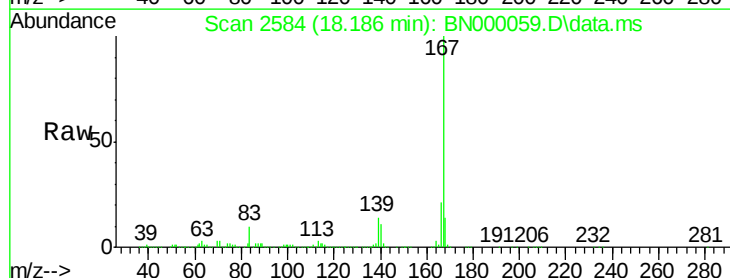
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

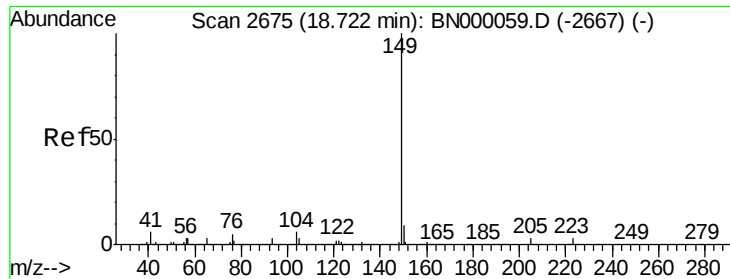
Tot Ion:178 Resp: 3887786
 Ion Ratio Lower Upper
 178 100
 176 18.3 16.0 24.0
 179 15.5 12.5 18.7



#72
 Carbazole
 Concen: 41.38 ng
 RT: 18.186 min Scan# 2584
 Delta R.T. -0.006 min
 Lab File: BN000059.D
 Acq: 12 Feb 2018 10:16

Tgt Ion:167 Resp: 4039997
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.2 27.4
 139 13.9 9.4 14.2

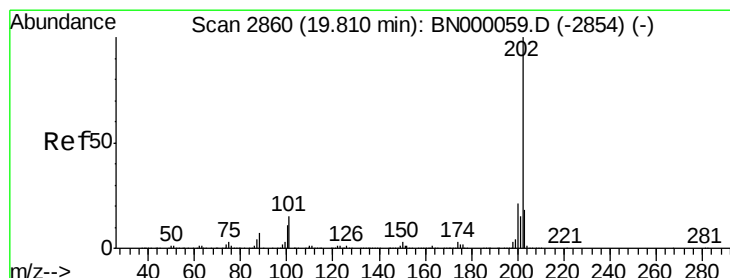
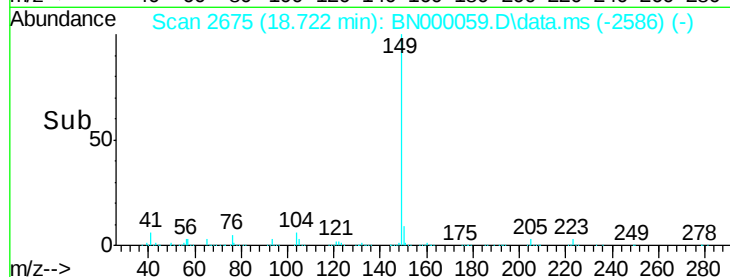
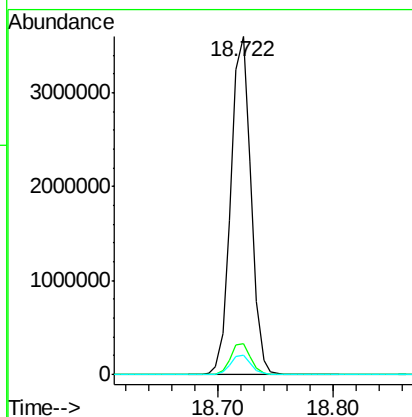
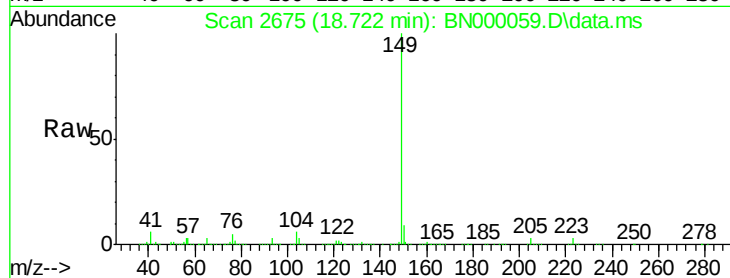




#73
Di-n-butylphthalate
Concen: 40.11 ng
RT: 18.722 min Scan# 2675
Delta R.T. -0.006 min
Lab File: BN000059.D
Acq: 12 Feb 2018 10:16

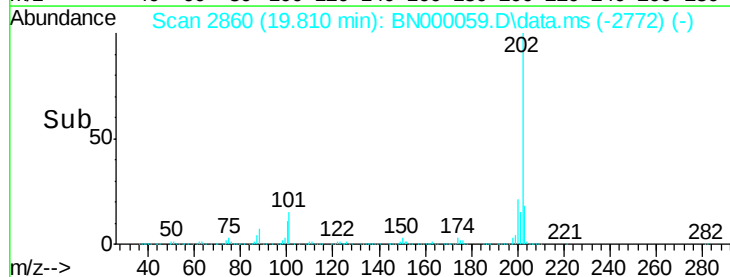
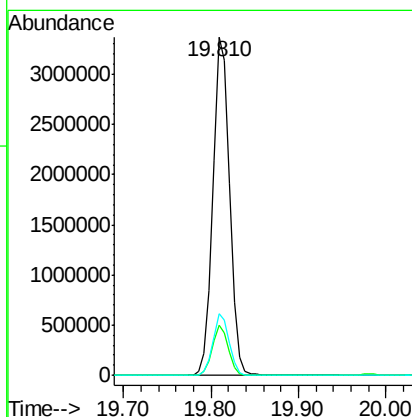
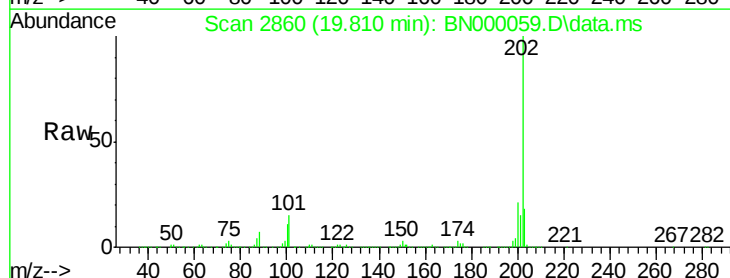
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

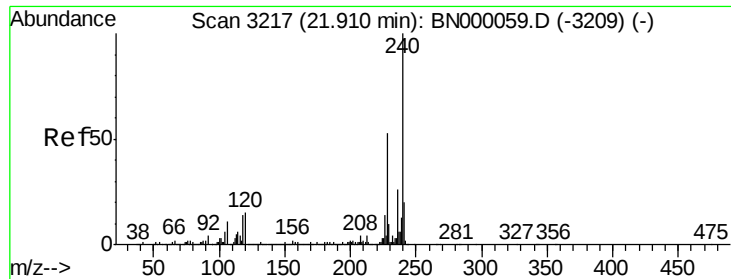
Tot Ion:149 Resp: 4323555
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 5.7 3.9 5.9



#74
Fluoranthene
Concen: 42.57 ng
RT: 19.810 min Scan# 2860
Delta R.T. -0.012 min
Lab File: BN000059.D
Acq: 12 Feb 2018 10:16

Tgt Ion:202 Resp: 4470011
Ion Ratio Lower Upper
202 100
101 14.9 0.0 28.9
203 18.0 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.910 min Scan# 3217

Delta R.T. -0.012 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

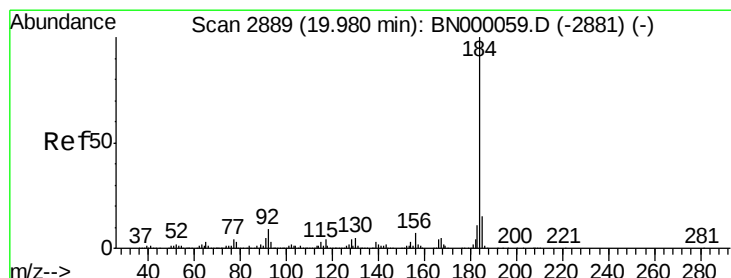
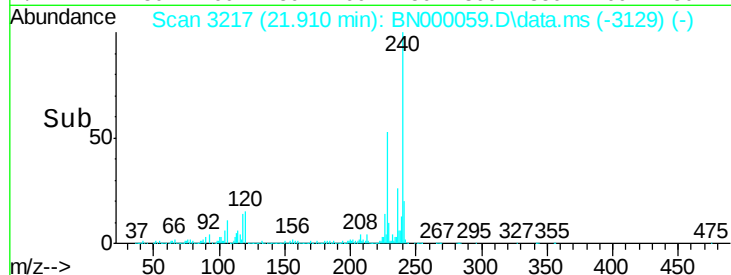
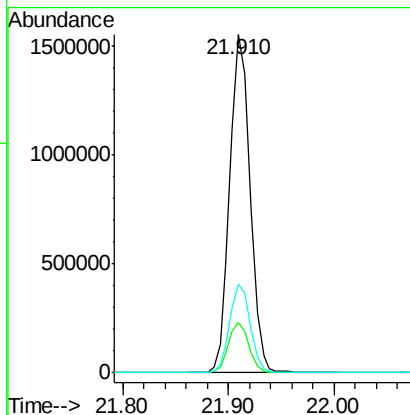
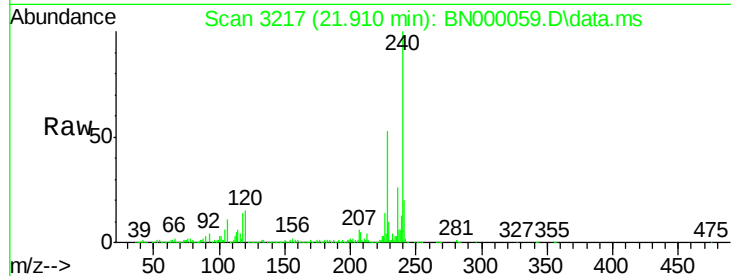
Tot Ion:240 Resp: 2054106

Ion Ratio Lower Upper

240 100

120 14.7 6.8 10.2#

236 26.1 20.9 31.3



#76

Benzidine

Concen: 33.78 ng

RT: 19.980 min Scan# 2889

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

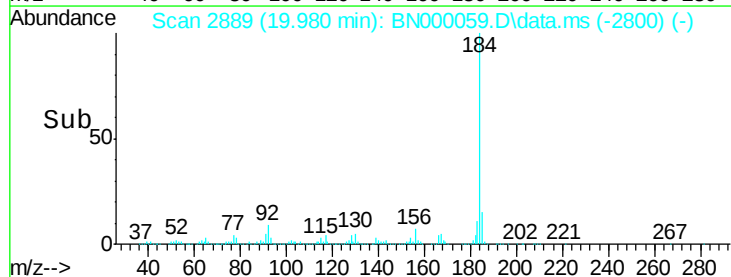
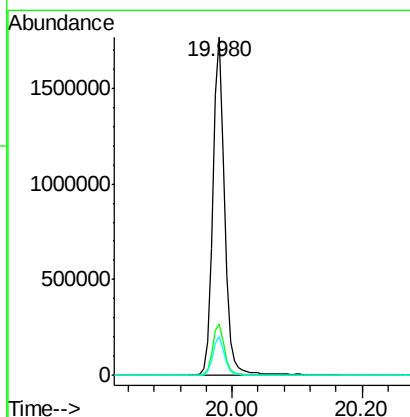
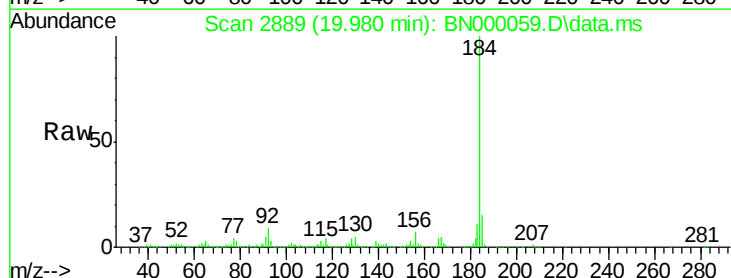
Tgt Ion:184 Resp: 2211995

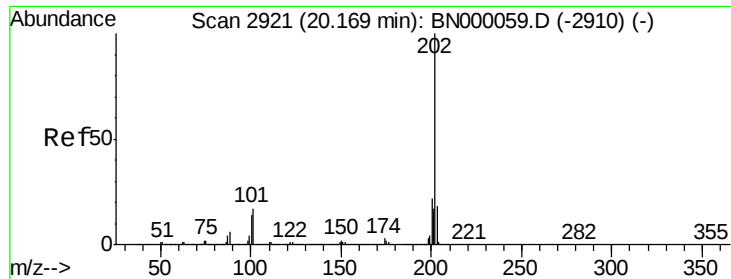
Ion Ratio Lower Upper

184 100

185 15.1 11.1 16.7

183 11.5 10.6 16.0





#77

Pvrene

Concen: 37.47 ng

RT: 20.169 min Scan# 29

Delta R.T. -0.012 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

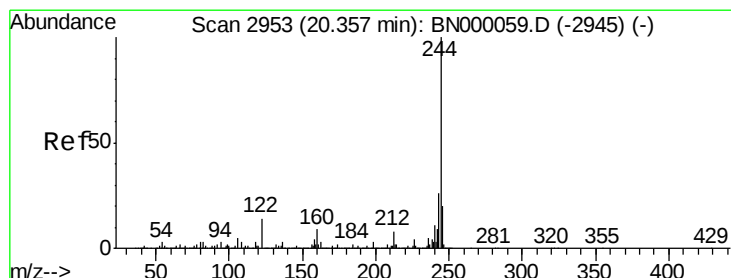
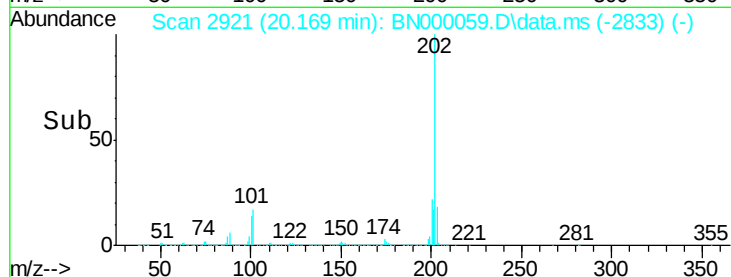
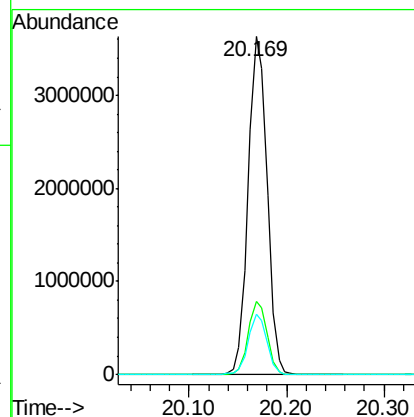
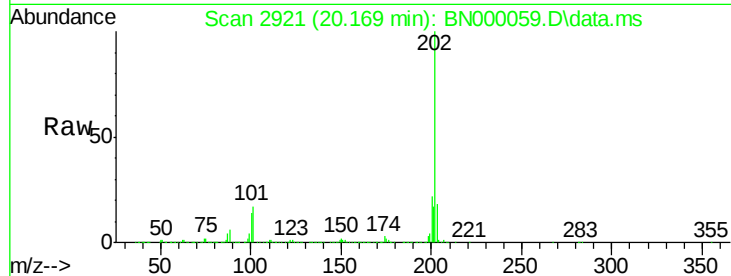
Tot Ion:202 Resp: 4891244

Ion Ratio Lower Upper

202 100

200 21.7 16.9 25.3

203 18.0 13.9 20.9



#78

Terphenyl-d14

Concen: 77.33 ng

RT: 20.357 min Scan# 2953

Delta R.T. -0.006 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

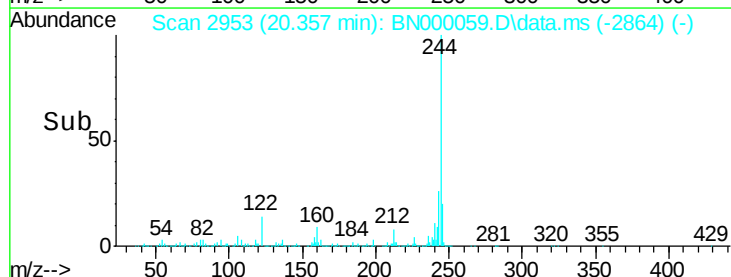
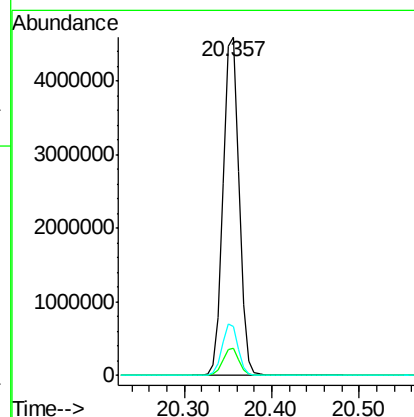
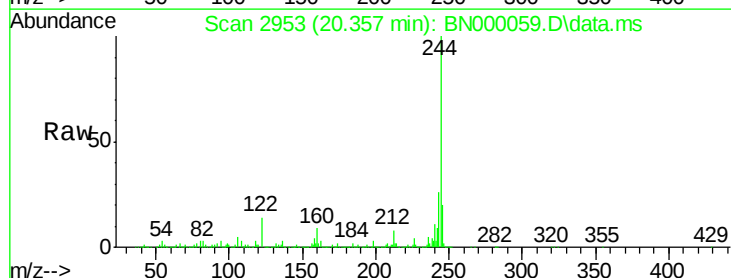
Tgt Ion:244 Resp: 5883023

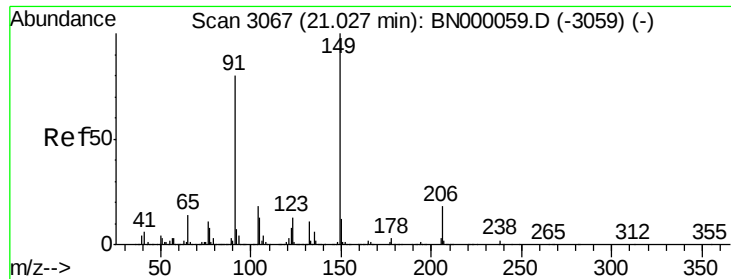
Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

122 14.3 7.0 10.4#





#79

Butylbenzylphthalate

Concen: 33.99 ng

RT: 21.027 min Scan# 3067

Delta R.T. -0.012 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

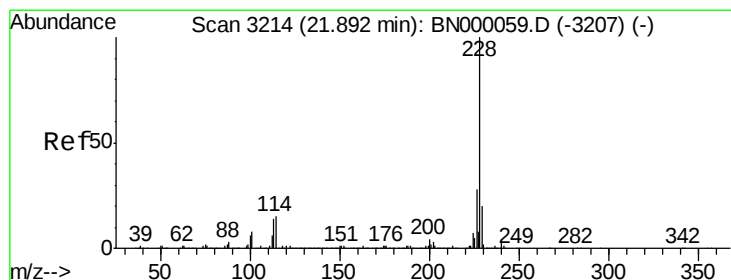
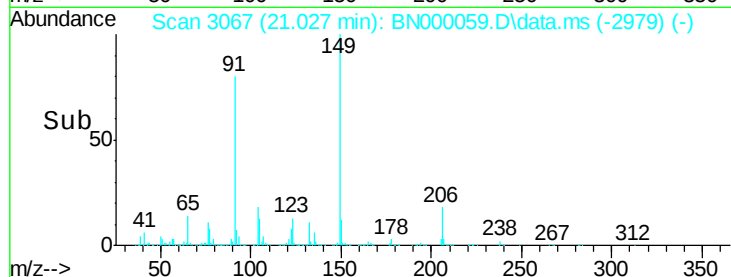
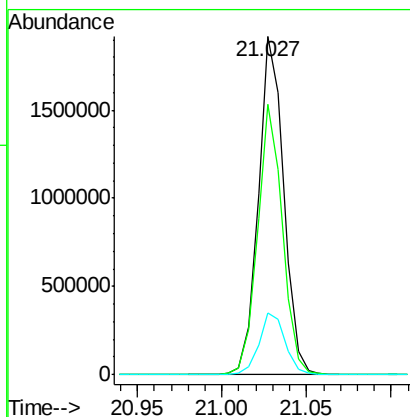
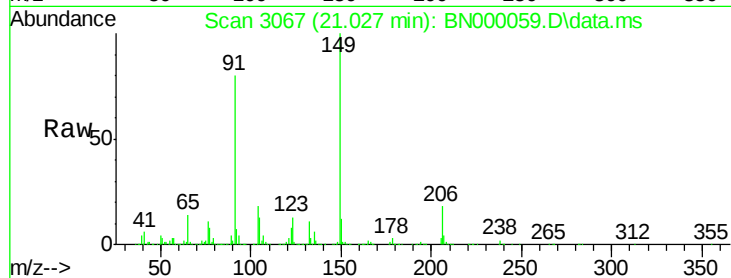
Tot Ion:149 Resp: 1995931

Ion Ratio Lower Upper

149 100

91 79.9 62.2 93.2

206 18.1 18.6 27.8#



#80

Benzo(a)anthracene

Concen: 39.38 ng

RT: 21.892 min Scan# 3214

Delta R.T. -0.018 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

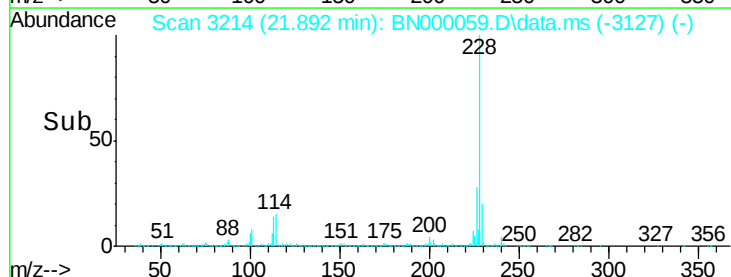
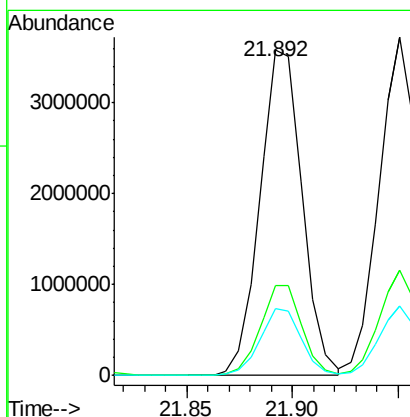
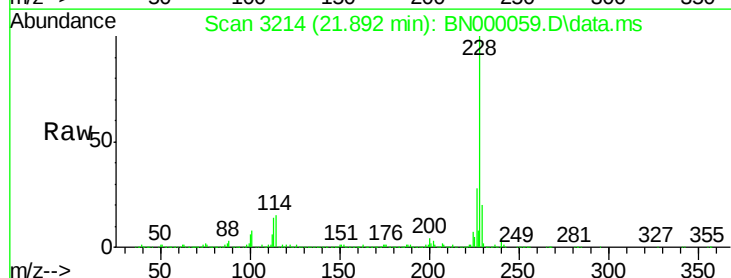
Tgt Ion:228 Resp: 4972233

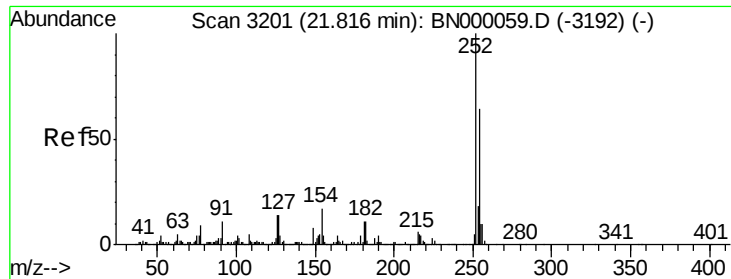
Ion Ratio Lower Upper

228 100

226 27.7 22.7 34.1

229 20.3 16.2 24.2

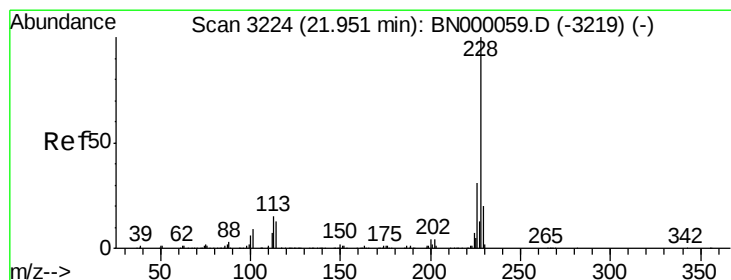
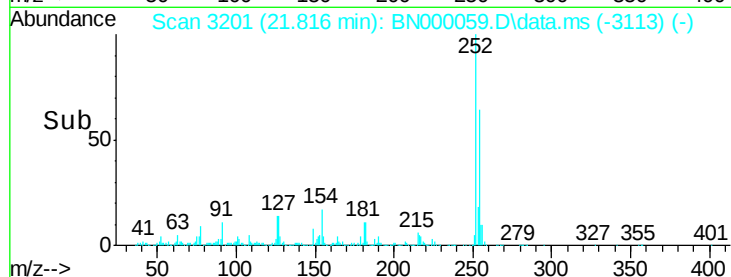
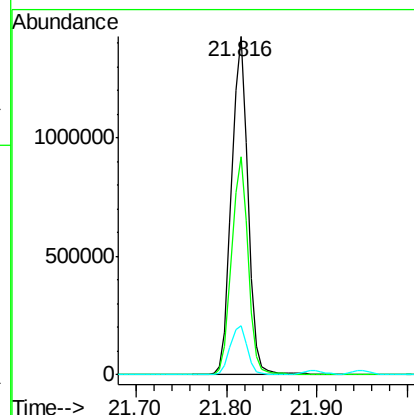
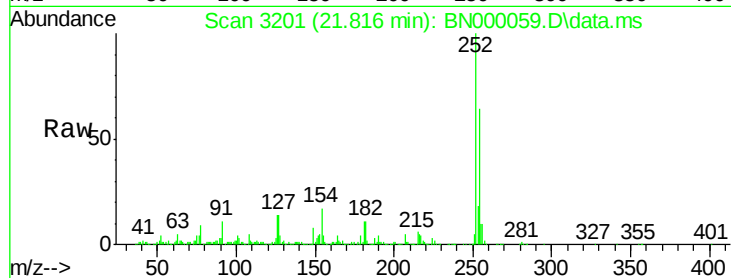




#81
 3,3'-Dichlorobenzidine
 Concen: 38.80 ng
 RT: 21.816 min Scan# 3201
 Delta R.T. -0.012 min
 Lab File: BN000059.D
 Acq: 12 Feb 2018 10:16

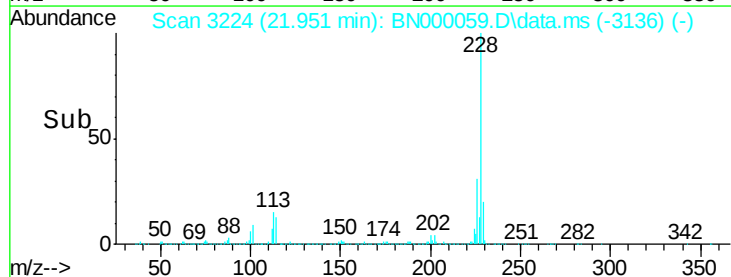
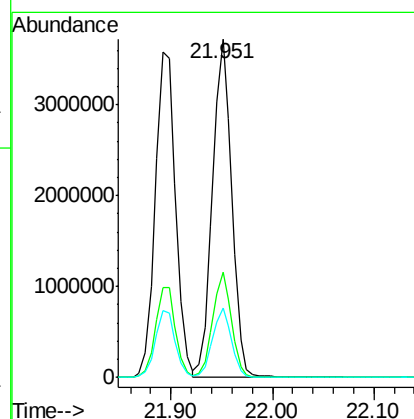
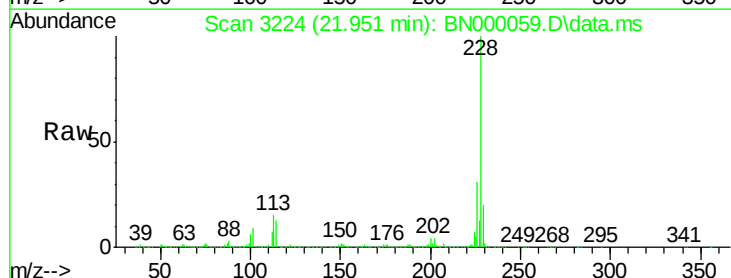
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

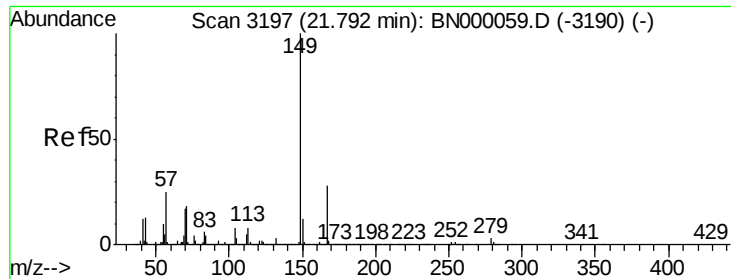
Tot Ion:252 Resp: 1799266
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.8 76.2
 126 14.3 7.4 11.2#



#82
 Chrysene
 Concen: 38.96 ng
 RT: 21.951 min Scan# 3224
 Delta R.T. -0.012 min
 Lab File: BN000059.D
 Acq: 12 Feb 2018 10:16

Tgt Ion:228 Resp: 4901334
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.9 37.3
 229 20.4 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.14 ng

RT: 21.792 min Scan# 3197

Delta R.T. -0.017 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

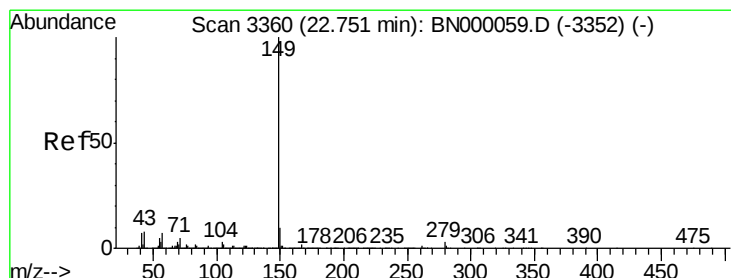
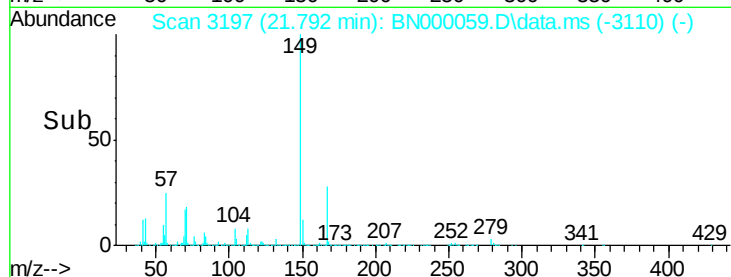
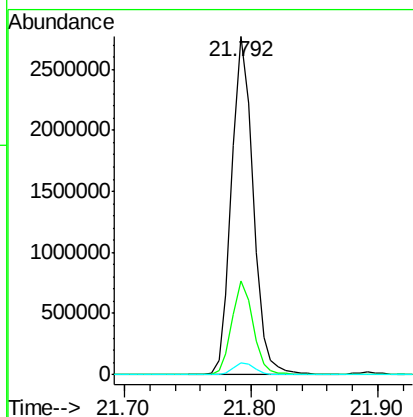
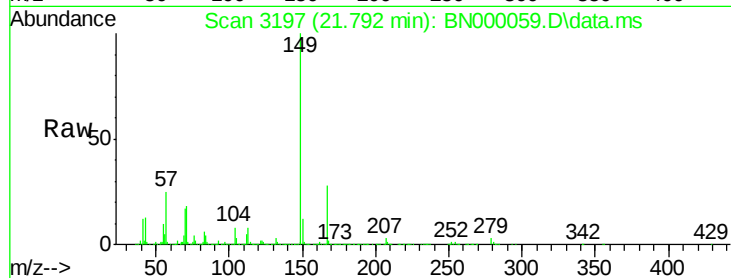
BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 3251434

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



#84

Di-n-octyl phthalate

Concen: 35.11 ng

RT: 22.751 min Scan# 3360

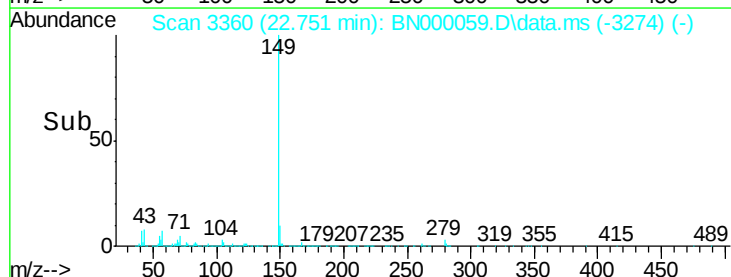
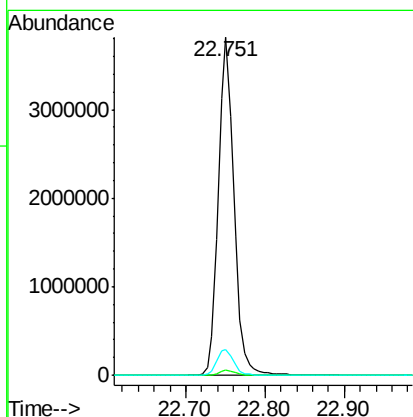
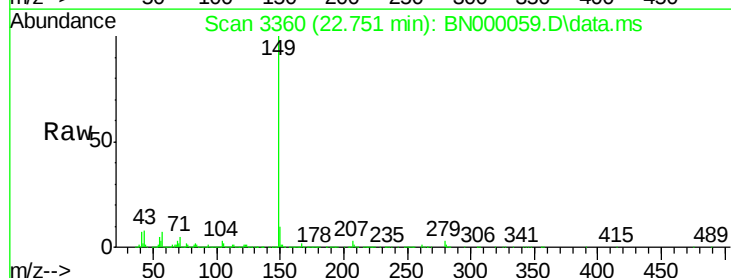
Delta R.T. -0.023 min

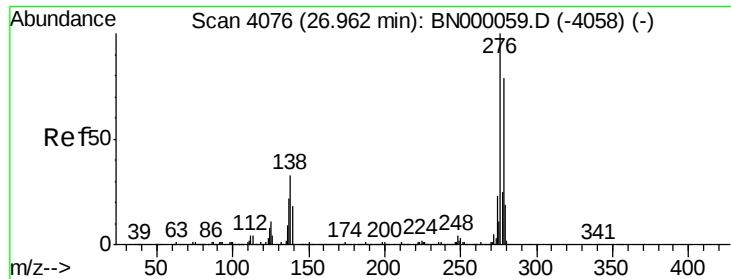
Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Tgt Ion:149 Resp: 5208776

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.4	2.0
43	8.4	8.9	13.3



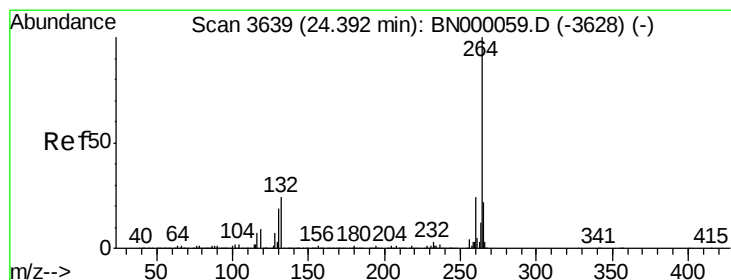
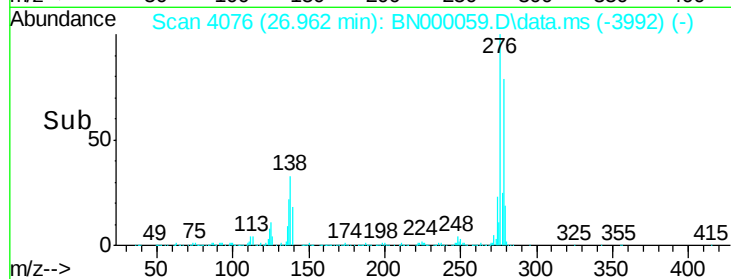
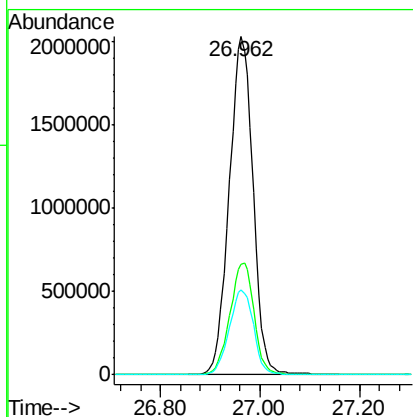
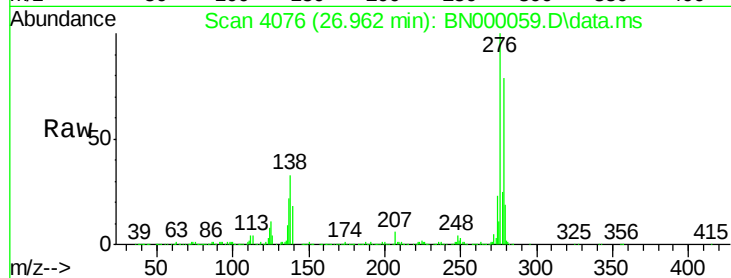


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.48 ng
 RT: 26.962 min Scan# 4076
 Delta R.T. -0.035 min
 Lab File: BN000059.D
 Acq: 12 Feb 2018 10:16

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 6719454

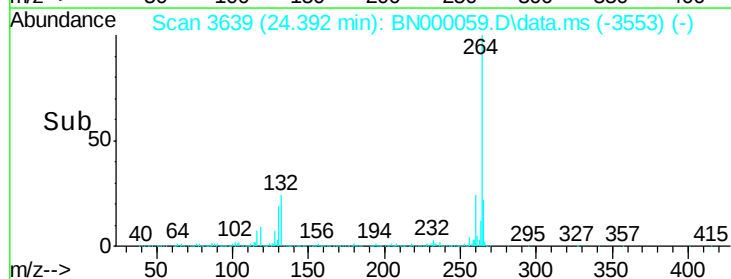
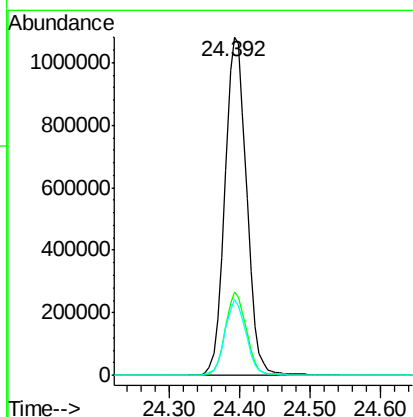
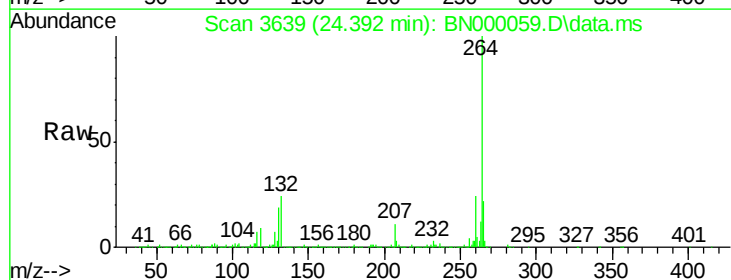
Ion	Ratio	Lower	Upper
276	100		
138	33.3	16.0	24.0#
277	25.5	20.0	30.0

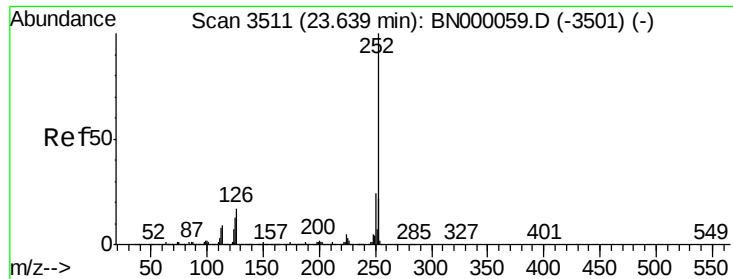


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.392 min Scan# 3639
 Delta R.T. -0.023 min
 Lab File: BN000059.D
 Acq: 12 Feb 2018 10:16

Tgt Ion:264 Resp: 2305780

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	22.3	17.7	26.5

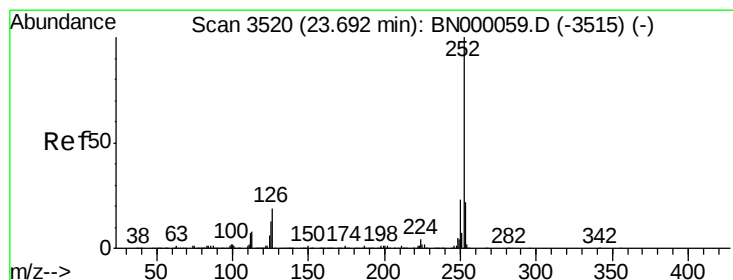
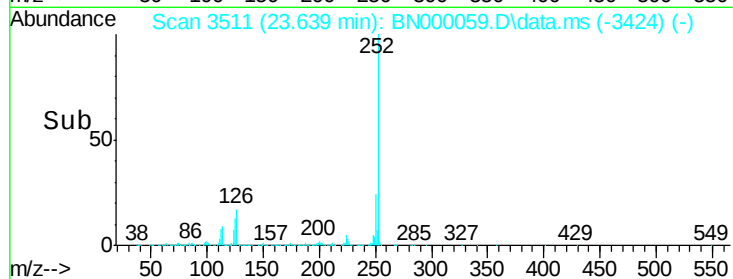
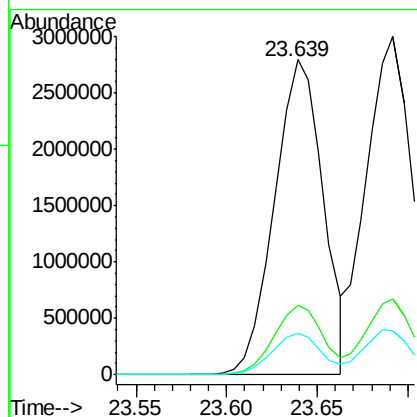
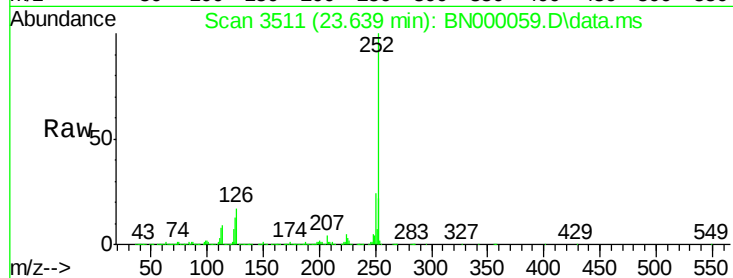




#87
Benzo(b)fluoranthene
Concen: 38.85 ng
RT: 23.639 min Scan# 3511
Delta R.T. -0.018 min
Lab File: BN000059.D
Acq: 12 Feb 2018 10:16

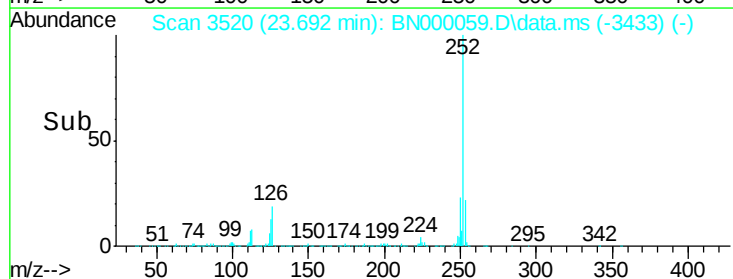
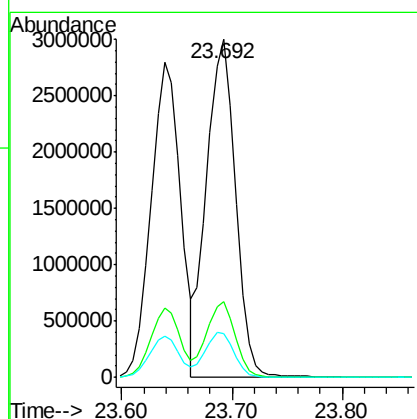
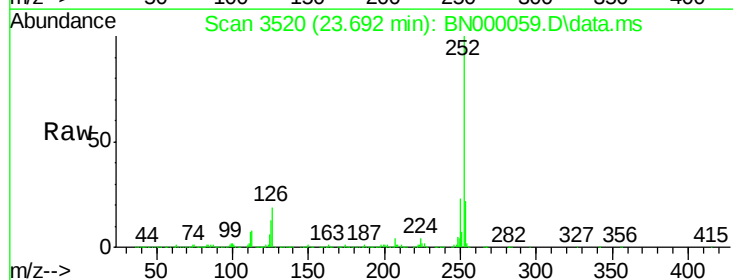
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

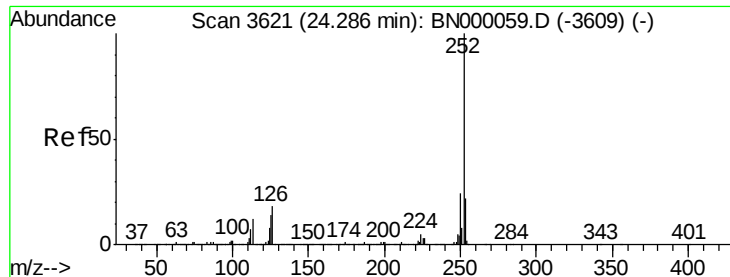
Tot Ion:252 Resp: 5243601
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 13.1 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 39.69 ng
RT: 23.692 min Scan# 3520
Delta R.T. -0.018 min
Lab File: BN000059.D
Acq: 12 Feb 2018 10:16

Tgt Ion:252 Resp: 5394442
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 13.0 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 40.22 ng

RT: 24.286 min Scan# 3621

Delta R.T. -0.023 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

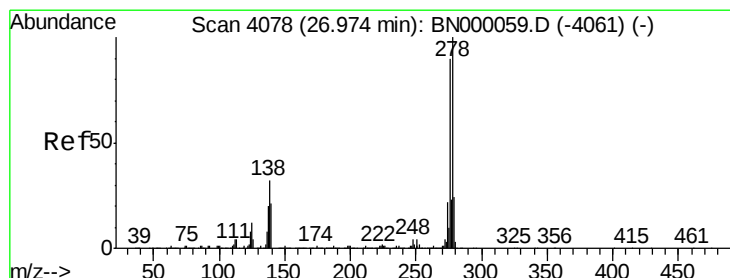
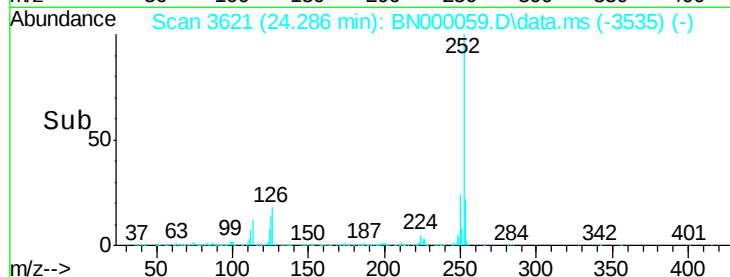
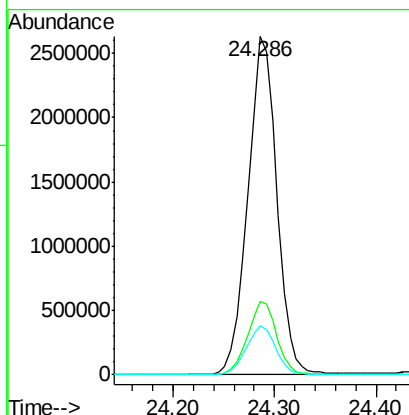
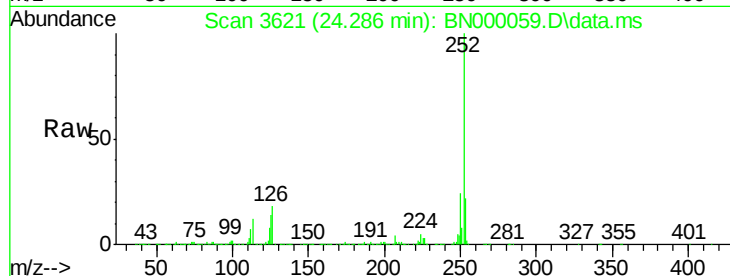
Tot Ion:252 Resp: 5205081

Ion Ratio Lower Upper

252 100

253 21.8 18.3 27.5

125 14.4 7.3 10.9#



#90

Dibenzo(a,h)anthracene

Concen: 41.69 ng

RT: 26.974 min Scan# 4078

Delta R.T. -0.035 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

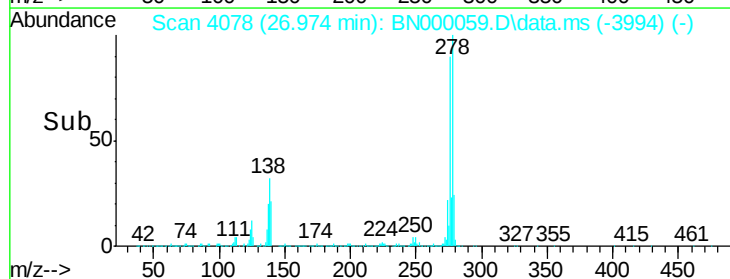
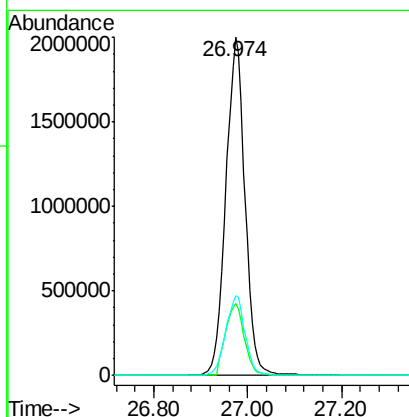
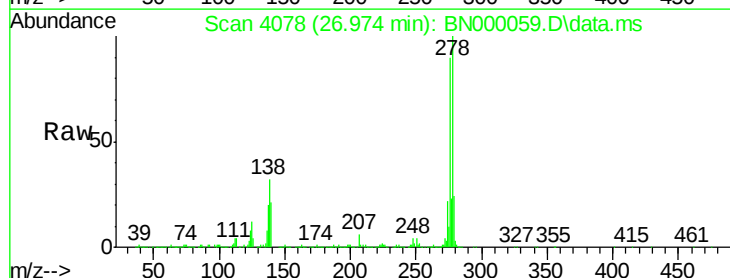
Tgt Ion:278 Resp: 5642099

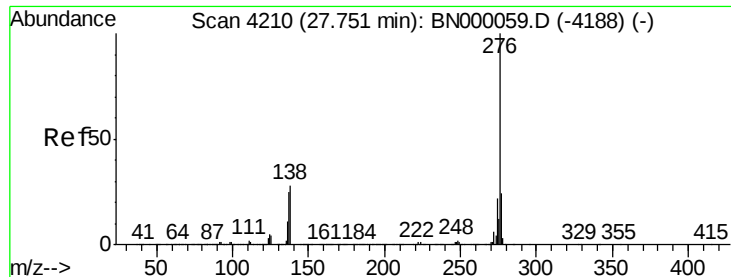
Ion Ratio Lower Upper

278 100

139 21.3 9.8 14.6#

279 23.6 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 41.28 ng

RT: 27.751 min Scan# 4210

Delta R.T. -0.035 min

Lab File: BN000059.D

Acq: 12 Feb 2018 10:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 5649214

Ion Ratio Lower Upper

276 100

277 23.8 18.3 27.5

138 28.3 13.9 20.9#

