

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072618\
 Data File : BN002167.D
 Acq On : 26 Jul 2018 10:08
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 27 00:56:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN072518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 26 18:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	233836	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1055063	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	603010	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	1272546	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1002213	20.00	ng	0.00
86) Perylene-d12	23.49	264	871496	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1157791	79.71	ng	0.00
7) Phenol-d6	6.88	99	1660828	81.48	ng	0.00
23) Nitrobenzene-d5	8.84	82	1722170	83.71	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	619465	79.11	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	3828536	82.70	ng	0.00
78) Terphenyl-d14	19.71	244	4214017	87.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	218412	40.055	ng	# 78
3) Pyridine	3.66	79	663151	41.985	ng	# 72
4) n-Nitrosodimethylamine	3.58	42	269284	39.745	ng	# 71
6) Aniline	7.03	93	1018973	40.925	ng	99
8) 2-Chlorophenol	7.26	128	681705	40.470	ng	94
9) Benzaldehyde	6.85	77	521627	41.554	ng	94
10) Phenol	6.90	94	858390	41.085	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	690328	40.594	ng	97
12) 1,3-Dichlorobenzene	7.58	146	765596	39.881	ng	98
13) 1,4-Dichlorobenzene	7.73	146	781714	39.805	ng	97
14) 1,2-Dichlorobenzene	8.04	146	747798	39.471	ng	98
15) Benzyl Alcohol	7.93	79	630316	40.981	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	1138881	41.473	ng	94
17) 2-Methylphenol	8.13	107	569066	39.896	ng	96
18) Hexachloroethane	8.76	117	287396	39.986	ng	93
19) n-Nitroso-di-n-propylamine	8.49	70	603995	40.853	ng	# 96
20) 3+4-Methylphenols	8.46	107	808935	40.648	ng	92
22) Acetophenone	8.51	105	1088608	39.795	ng	96
24) Nitrobenzene	8.89	77	852501	39.983	ng	96
25) Isophorone	9.40	82	1411081	39.946	ng	96
26) 2-Nitrophenol	9.59	139	408913	39.702	ng	95
27) 2,4-Dimethylphenol	9.65	122	567382	39.610	ng	96
28) bis(2-Chloroethoxy)methane	9.89	93	904572	39.642	ng	98
29) 2,4-Dichlorophenol	10.12	162	666739	39.916	ng	94
30) 1,2,4-Trichlorobenzene	10.33	180	743140	39.285	ng	99
31) Naphthalene	10.52	128	2085653	39.169	ng	98
32) Benzoic acid	9.82	122	432604	35.596	ng	95
33) 4-Chloroaniline	10.63	127	944990	39.886	ng	98
34) Hexachlorobutadiene	10.80	225	452426	39.055	ng	96
35) Caprolactam	11.41	113	226027	39.651	ng	# 65
36) 4-Chloro-3-methylphenol	11.76	107	762587	40.150	ng	95
37) 2-Methylnaphthalene	12.13	142	1489559	39.664	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	811564	40.026	ng	98
40) Hexachlorocyclopentadiene	12.48	237	474731	41.456	ng	92

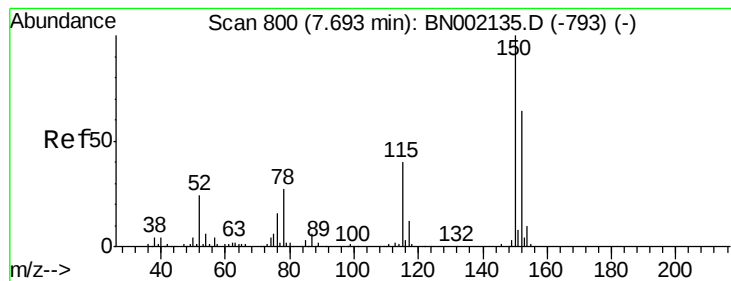
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	547481	40.244	ng	98
43) 2,4,5-Trichlorophenol	12.82	196	577053	40.044	ng	98
45) 1,1'-Biphenyl	13.15	154	2117749	39.910	ng	100
46) 2-Chloronaphthalene	13.19	162	1642527	40.103	ng	98
47) 2-Nitroaniline	13.40	65	536684	40.722	ng	92
48) Acenaphthylene	14.05	152	2474286	39.809	ng	98
49) Dimethylphthalate	13.79	163	1963188	39.193	ng	100
50) 2,6-Dinitrotoluene	13.90	165	446012	40.079	ng	95
51) Acenaphthene	14.39	154	1494829	39.927	ng	100
52) 3-Nitroaniline	14.23	138	483650	40.112	ng	# 89
53) 2,4-Dinitrophenol	14.45	184	220178	37.366	ng	98
54) Dibenzofuran	14.73	168	2396666	39.484	ng	96
55) 4-Nitrophenol	14.55	139	366930	39.639	ng	92
56) 2,4-Dinitrotoluene	14.70	165	606028	40.126	ng	89
57) Fluorene	15.37	166	1800264	39.349	ng	97
58) 2,3,4,6-Tetrachlorophenol	14.96	232	491327	39.644	ng	95
59) Diethylphthalate	15.16	149	2010105	39.427	ng	99
60) 4-Chlorophenyl-phenylether	15.37	204	996507	39.363	ng	97
61) 4-Nitroaniline	15.40	138	487706	39.679	ng	92
62) Azobenzene	15.67	77	1966419	40.197	ng	98
64) 4,6-Dinitro-2-methylphenol	15.46	198	345956	40.268	ng	97
65) n-Nitrosodiphenylamine	15.59	169	1703637	40.345	ng	96
66) 4-Bromophenyl-phenylether	16.27	248	595796	39.994	ng	93
67) Hexachlorobenzene	16.38	284	660344	40.075	ng	97
68) Atrazine	16.55	200	573287	40.324	ng	97
69) Pentachlorophenol	16.73	266	428873	40.435	ng	100
70) Phenanthrene	17.12	178	2749986	39.591	ng	100
71) Anthracene	17.20	178	2723475	39.614	ng	98
72) Carbazole	17.47	167	2693959	39.051	ng	97
73) Di-n-butylphthalate	18.05	149	3155807	39.218	ng	99
74) Fluoranthene	19.13	202	2849162	37.780	ng	98
76) Benzidine	19.32	184	1383279	42.318	ng	96
77) Pyrene	19.50	202	2924267	42.310	ng	100
79) Butylbenzylphthalate	20.41	149	1211456	40.267	ng	92
80) Benzo(a)anthracene	21.25	228	2395231	39.212	ng	98
81) 3,3'-Dichlorobenzidine	21.19	252	933272	39.217	ng	100
82) Chrysene	21.30	228	2258553	38.833	ng	98
83) Bis(2-ethylhexyl)phthalate	21.19	149	1636258	39.001	ng	96
84) Di-n-octyl phthalate	22.07	149	2524537	37.951	ng	98
85) Indeno(1,2,3-cd)pyrene	25.73	276	2140884	37.755	ng	# 94
87) Benzo(b)fluoranthene	22.83	252	1998861	38.863	ng	98
88) Benzo(k)fluoranthene	22.87	252	2087136	41.204	ng	99
89) Benzo(a)pyrene	23.40	252	1923762	40.050	ng	# 97
90) Dibenzo(a,h)anthracene	25.74	278	1813536	40.213	ng	# 95
91) Benzo(g,h,i)perylene	26.41	276	1761131	40.408	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.69 min Scan# 800

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

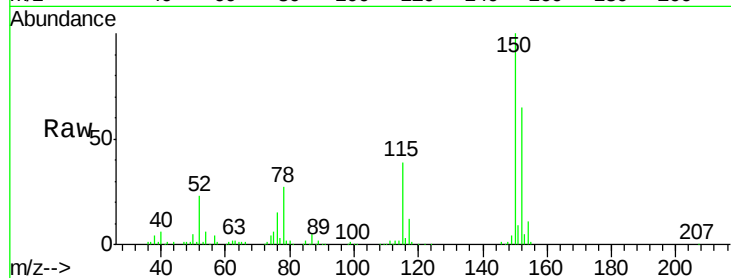
Tgt Ion:152 Resp: 233836

Ion Ratio Lower Upper

152 100

150 154.6 126.6 189.8

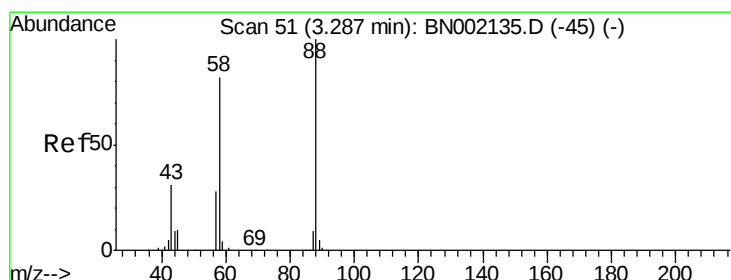
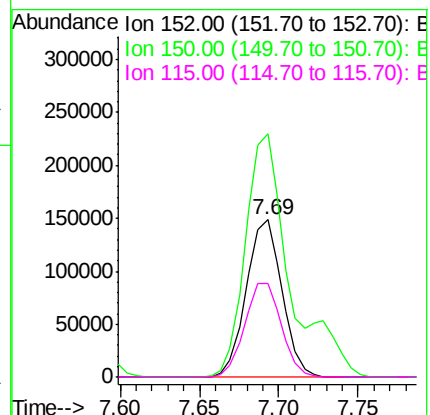
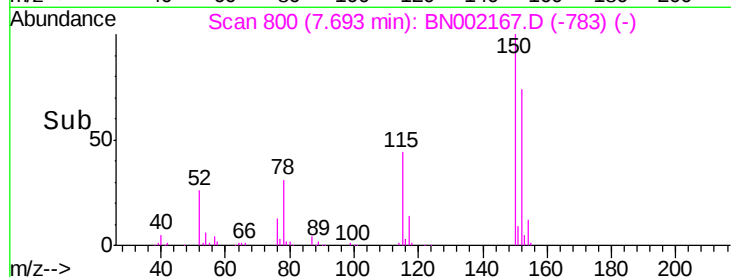
115 59.6 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.055 ng

RT: 3.29 min Scan# 51

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

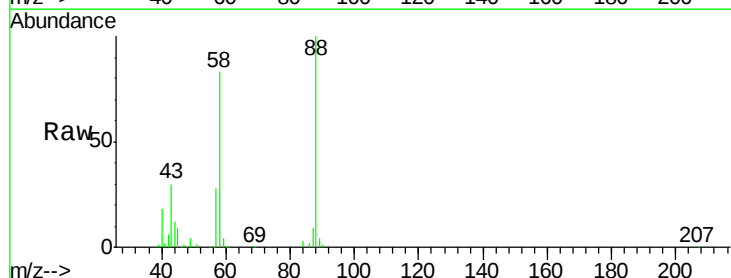
Tgt Ion: 88 Resp: 218412

Ion Ratio Lower Upper

88 100

58 84.9 52.0 78.0#

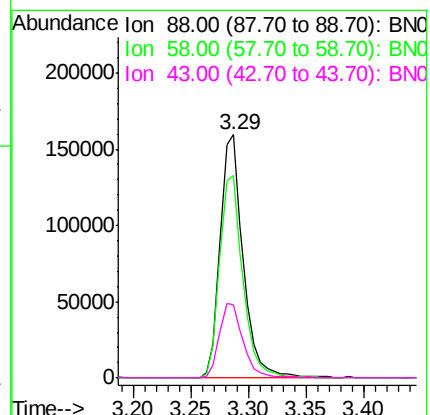
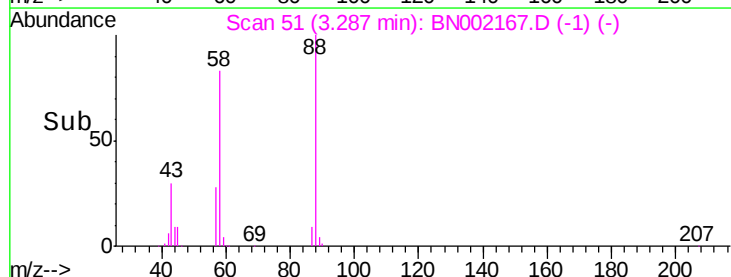
43 32.3 20.0 30.0#

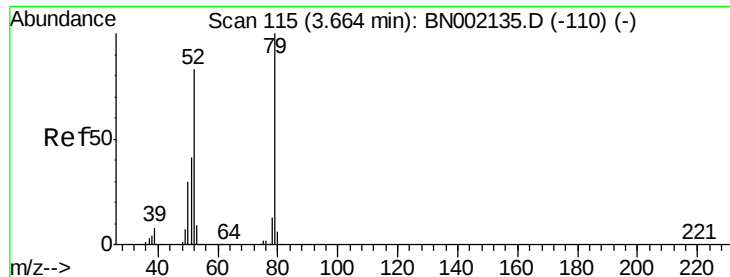


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

Pyridine

Concen: 41.985 ng

RT: 3.66 min Scan# 115

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

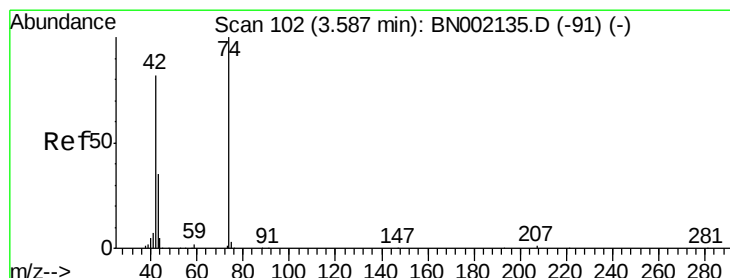
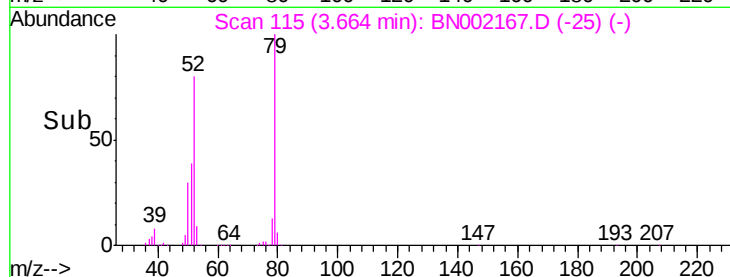
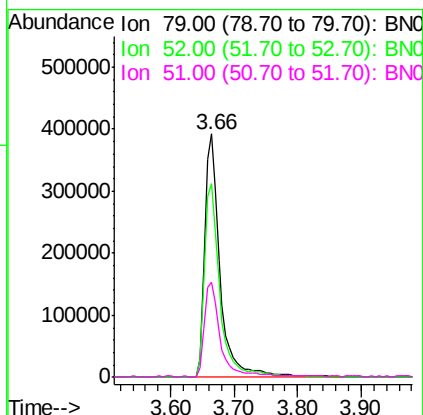
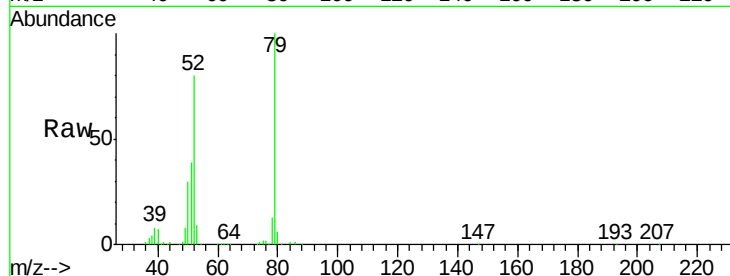
Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	663151
Ion	Ratio	Lower	Upper
79	100		
52	79.6	44.0	66.0#
51	39.3	24.0	36.0#



#4

n-Nitrosodimethylamine

Concen: 39.745 ng

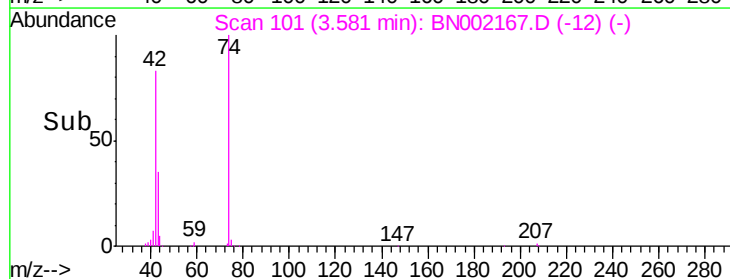
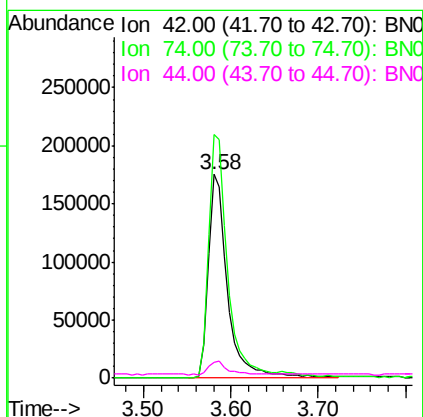
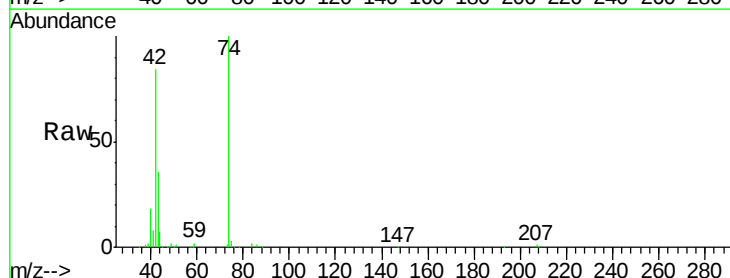
RT: 3.58 min Scan# 101

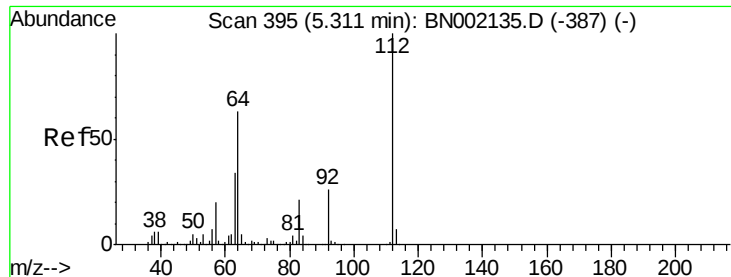
Delta R.T. -0.01 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Tgt Ion:	42	Resp:	269284
Ion	Ratio	Lower	Upper
42	100		
74	119.7	128.0	192.0#
44	8.1	12.0	18.0#





#5

2-Fluorophenol

Concen: 79.712 ng

RT: 5.30 min Scan# 394

Delta R.T. -0.01 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

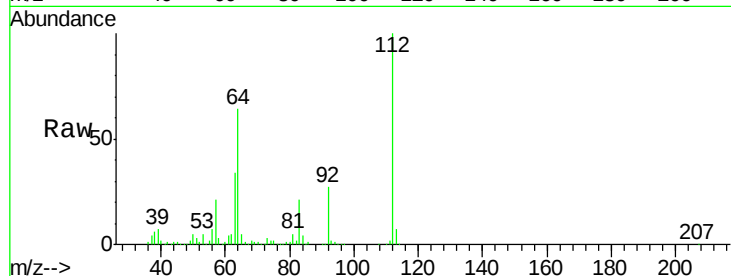
Tgt Ion:112 Resp: 1157791

Ion Ratio Lower Upper

112 100

64 64.4 56.3 84.5

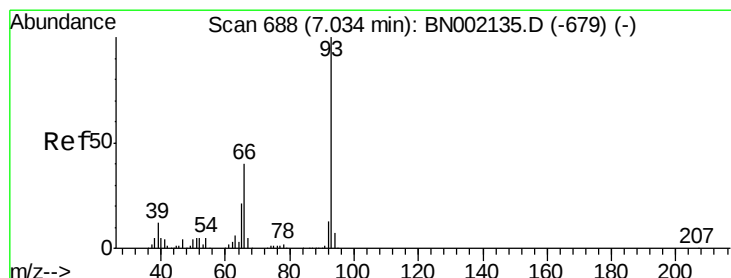
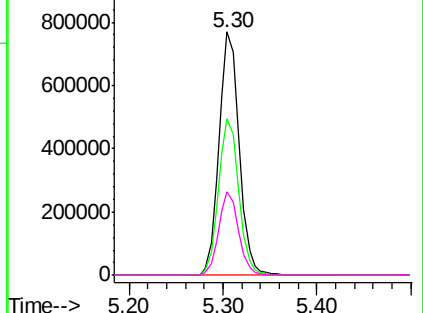
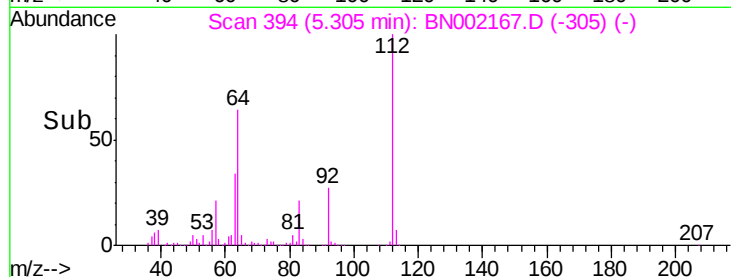
63 34.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#6

Aniline

Concen: 40.925 ng

RT: 7.03 min Scan# 687

Delta R.T. -0.01 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

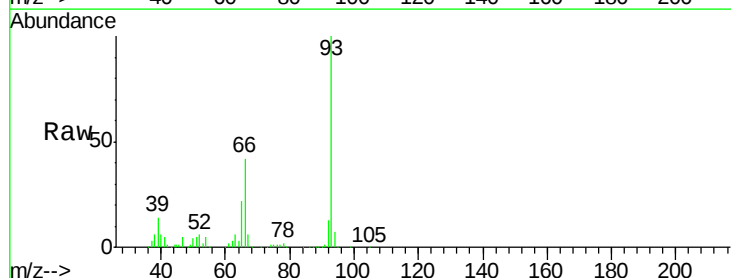
Tgt Ion: 93 Resp: 1018973

Ion Ratio Lower Upper

93 100

66 42.3 33.7 50.5

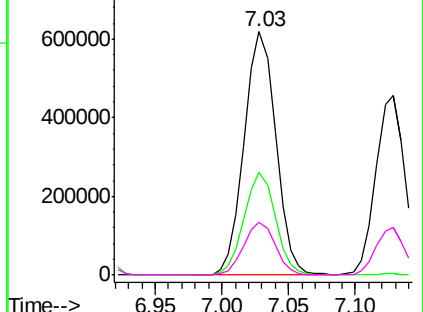
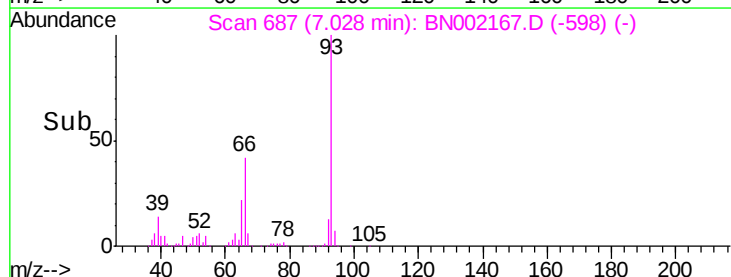
65 21.9 16.1 24.1

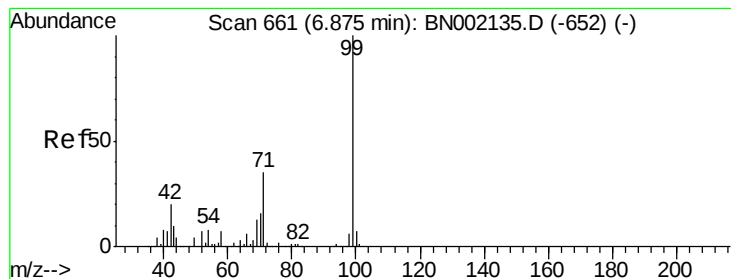


Abundance Ion 93.00 (92.70 to 93.70): BNO

Ion 66.00 (65.70 to 66.70): BNO

Ion 65.00 (64.70 to 65.70): BNO





#7

Phenol-d6

Concen: 81.482 ng

RT: 6.88 min Scan# 661

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

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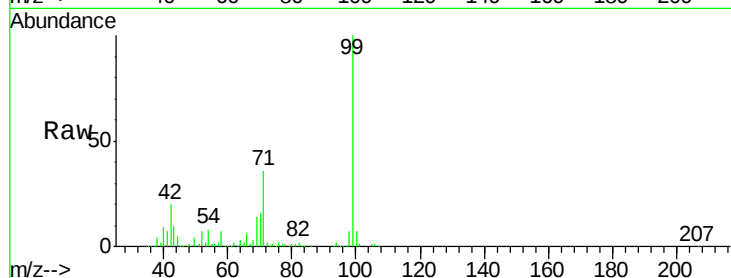
Tgt Ion: 99 Resp: 1660828

Ion Ratio Lower Upper

99 100

42 20.5 14.1 21.1

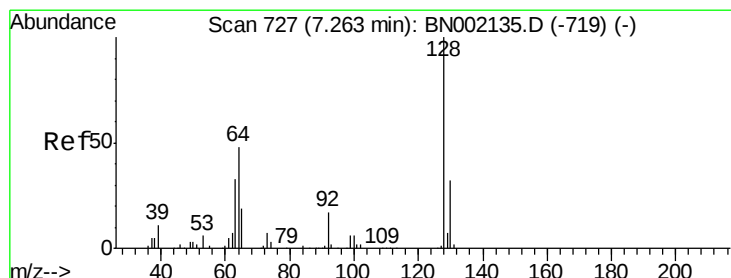
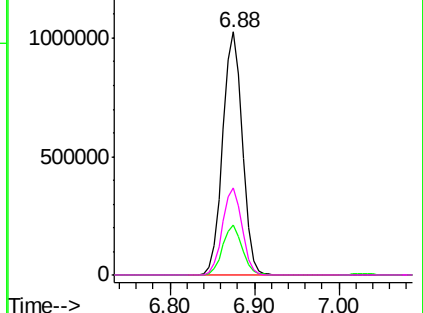
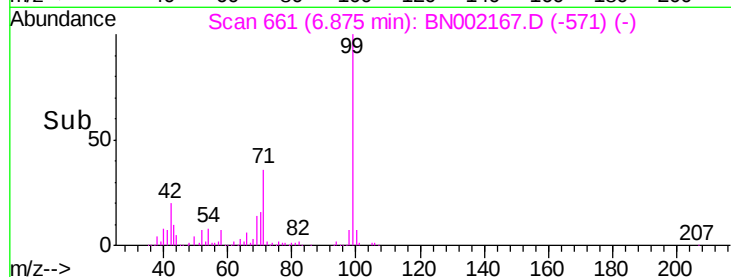
71 35.8 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN002167.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BN002167.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BN002167.D (-637) (-)



#8

2-Chlorophenol

Concen: 40.470 ng

RT: 7.26 min Scan# 727

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

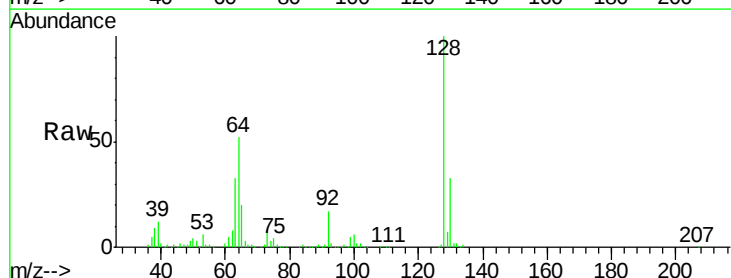
Tgt Ion: 128 Resp: 681705

Ion Ratio Lower Upper

128 100

130 32.7 14.0 54.0

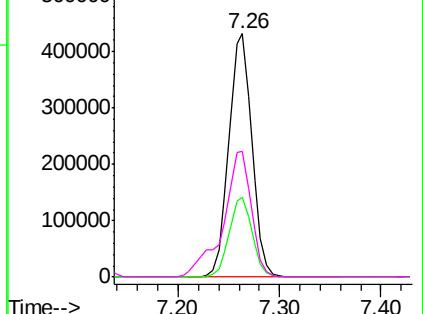
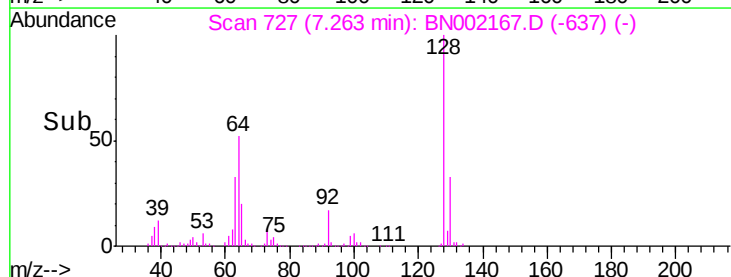
64 51.7 37.7 77.7

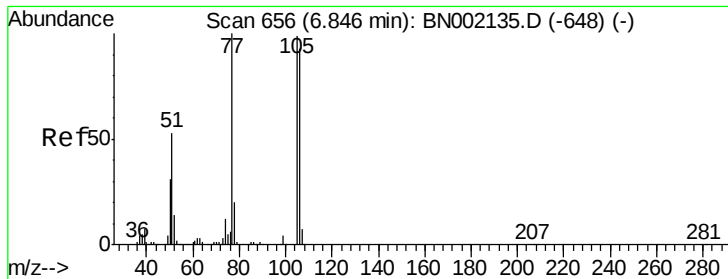


Abundance Ion 128.00 (127.70 to 128.70): BN002167.D (-637) (-)

Ion 130.00 (129.70 to 130.70): BN002167.D (-637) (-)

Ion 64.00 (63.70 to 64.70): BN002167.D (-637) (-)





#9

Benzaldehyde

Concen: 41.554 ng

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

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SSTDCCC040

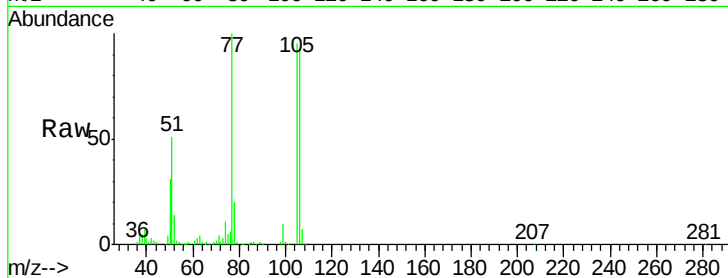
Tgt Ion: 77 Resp: 521627

Ion Ratio Lower Upper

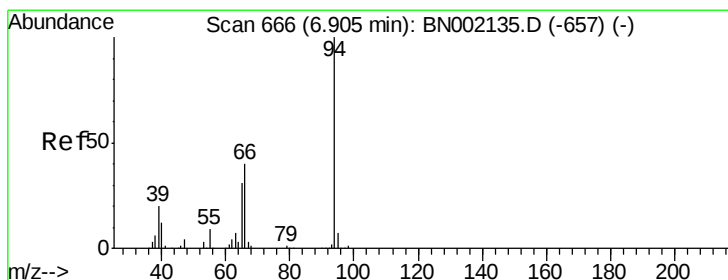
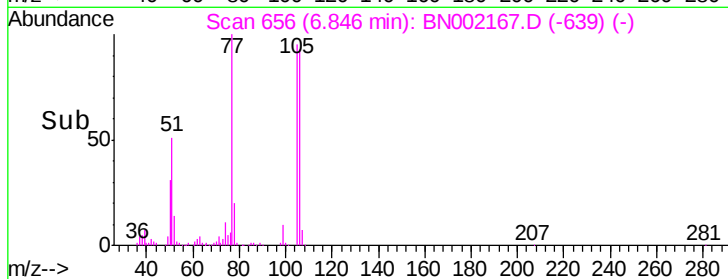
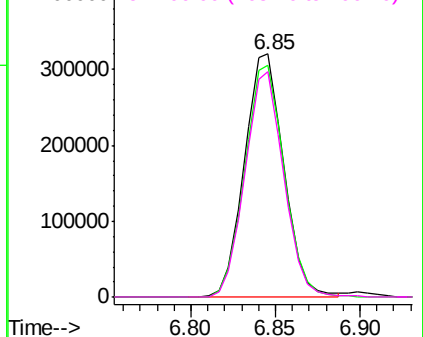
77 100

105 95.1 71.3 111.3

106 92.6 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 41.085 ng

RT: 6.90 min Scan# 665

Delta R.T. -0.01 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

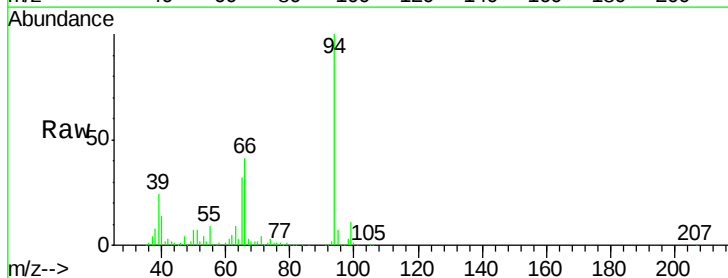
Tgt Ion: 94 Resp: 858390

Ion Ratio Lower Upper

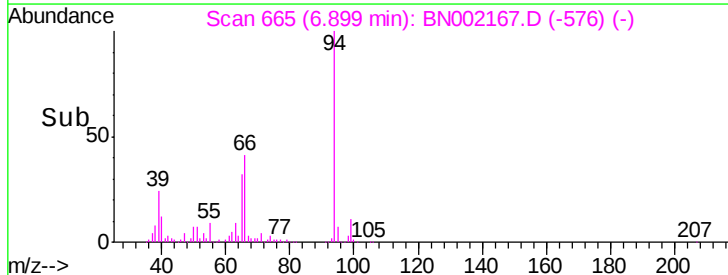
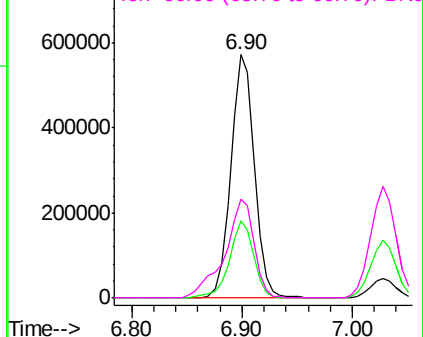
94 100

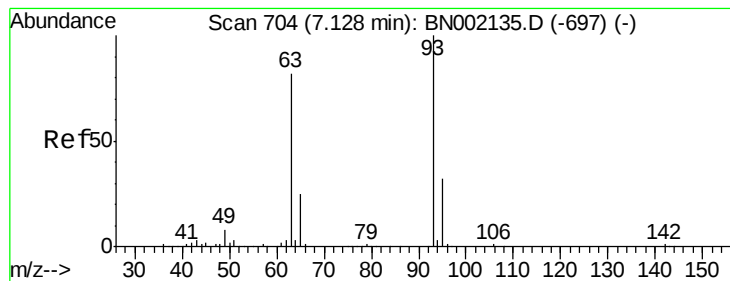
65 31.6 11.9 51.9

66 40.9 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0





#11

bis(2-Chloroethyl)ether

Concen: 40.594 ng

RT: 7.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

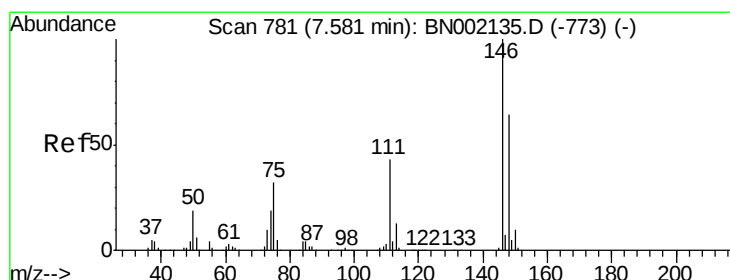
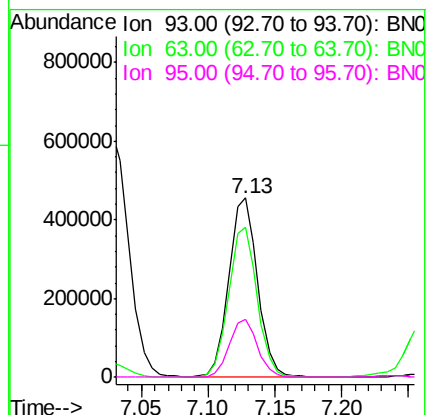
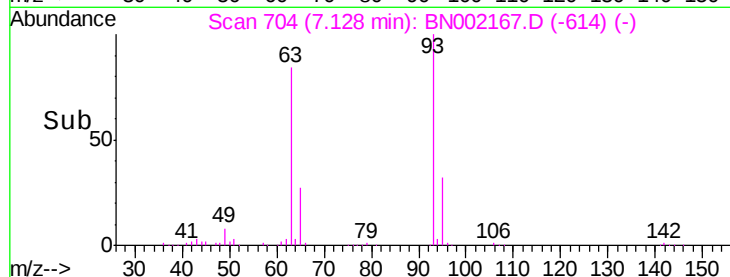
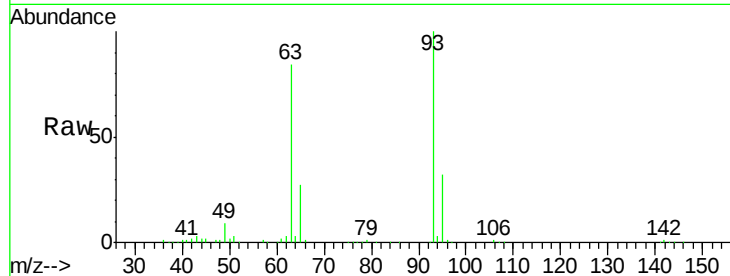
Tgt Ion: 93 Resp: 690328

Ion Ratio Lower Upper

93 100

63 83.5 67.1 107.1

95 32.3 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 39.881 ng

RT: 7.58 min Scan# 781

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

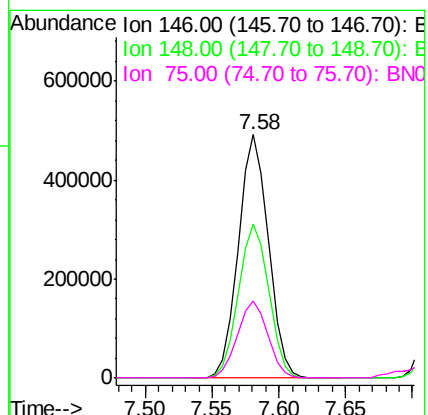
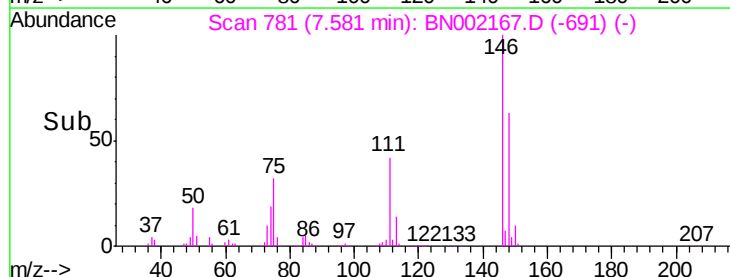
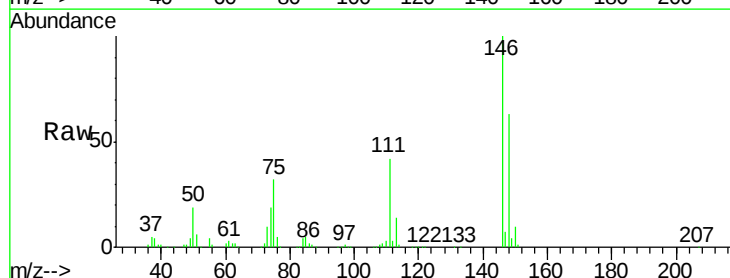
Tgt Ion: 146 Resp: 765596

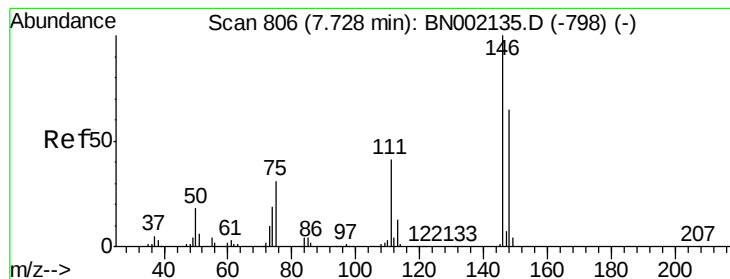
Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.2

75 31.7 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 39.805 ng

RT: 7.73 min Scan# 806

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

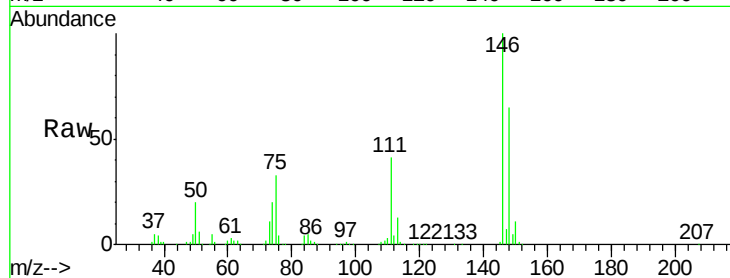
Tgt Ion:146 Resp: 781714

Ion Ratio Lower Upper

146 100

148 64.6 53.7 80.5

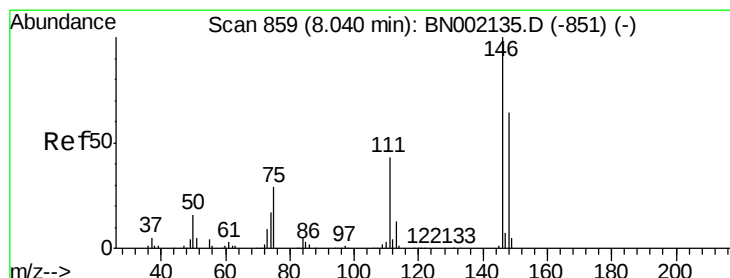
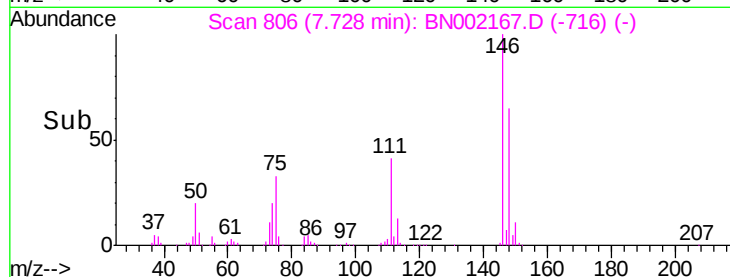
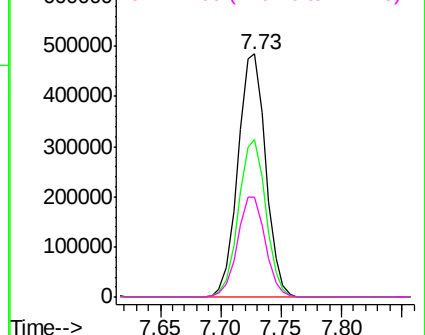
111 41.4 35.2 52.8



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: 39.471 ng

RT: 8.04 min Scan# 859

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

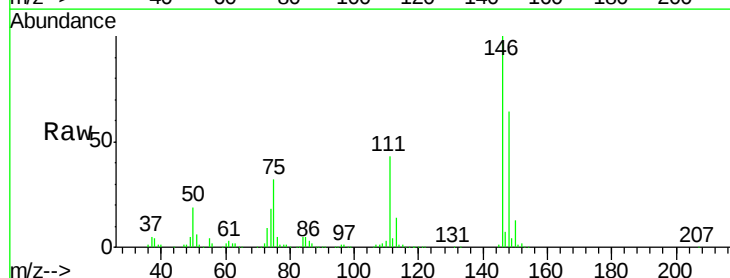
Tgt Ion:146 Resp: 747798

Ion Ratio Lower Upper

146 100

148 63.6 49.3 73.9

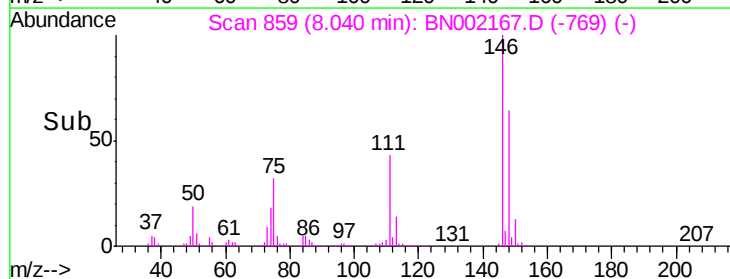
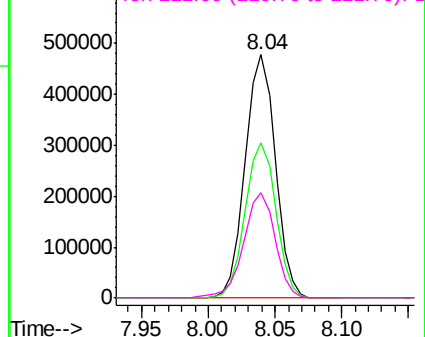
111 43.4 34.3 51.5

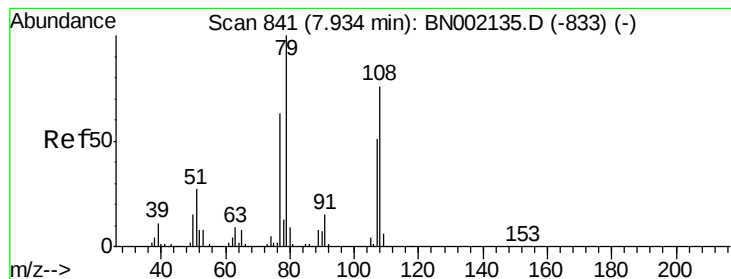


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.981 ng

RT: 7.93 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

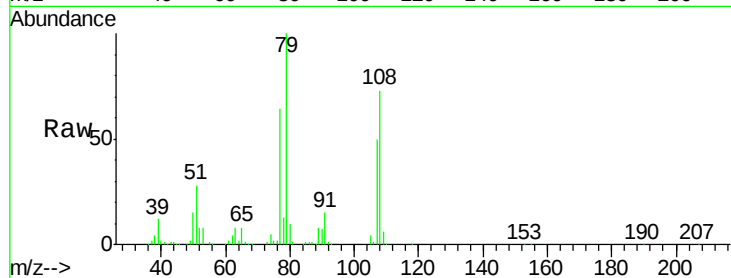
Tgt Ion: 79 Resp: 630316

Ion Ratio Lower Upper

79 100

108 72.7 57.2 85.8

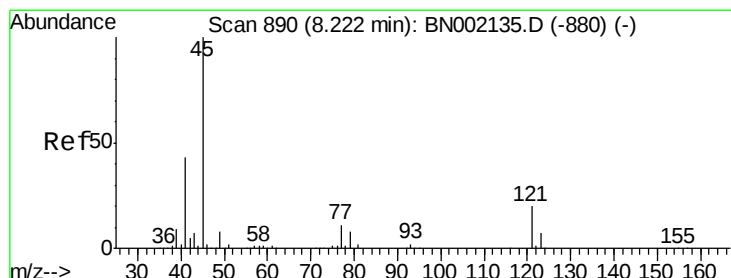
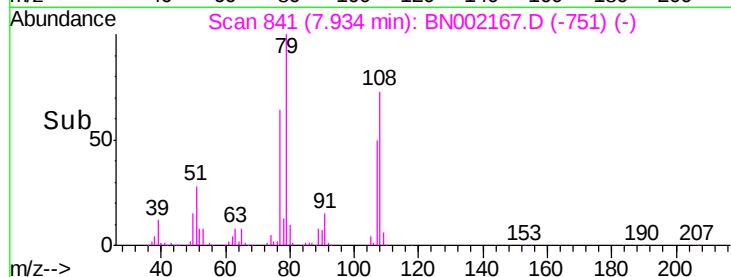
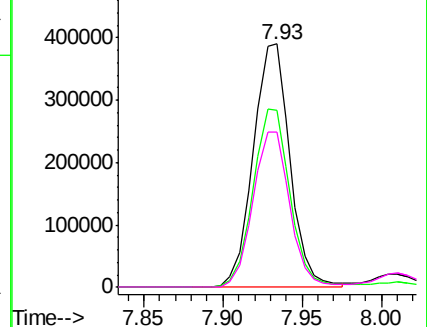
77 63.6 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BN002135.D (-833) (-)

Ion 108.00 (107.70 to 108.70): BN002135.D (-833) (-)

Ion 77.00 (76.70 to 77.70): BN002135.D (-833) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.473 ng

RT: 8.22 min Scan# 889

Delta R.T. -0.01 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

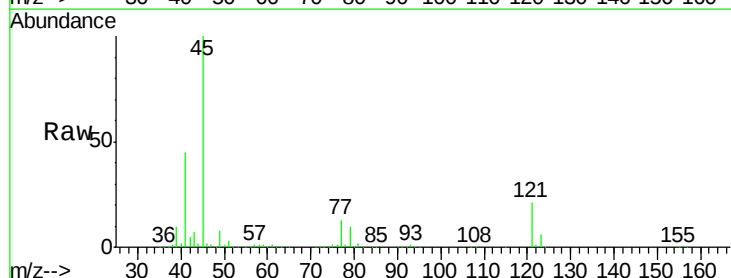
Tgt Ion: 45 Resp: 1138881

Ion Ratio Lower Upper

45 100

77 12.7 0.0 30.2

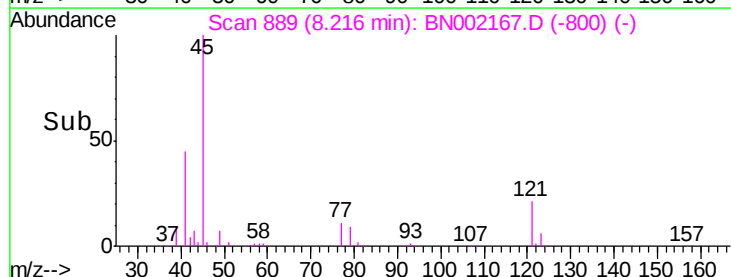
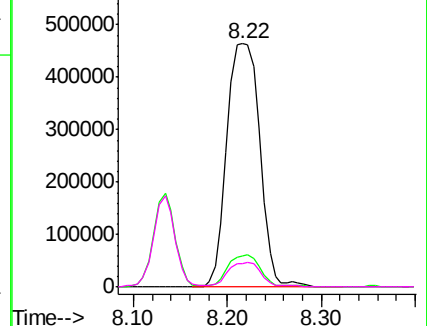
79 9.8 0.0 27.9

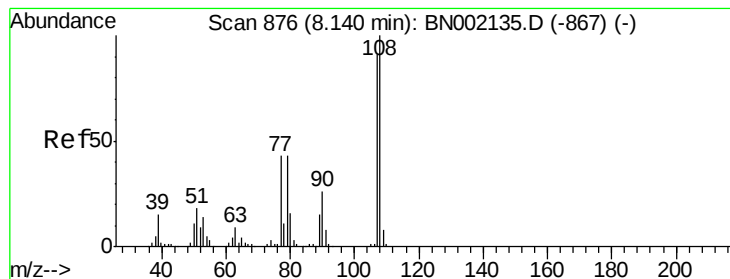


Abundance Ion 45.00 (44.70 to 45.70): BN002135.D (-880) (-)

Ion 77.00 (76.70 to 77.70): BN002135.D (-880) (-)

Ion 79.00 (78.70 to 79.70): BN002135.D (-880) (-)





#17

2-Methylphenol

Concen: 39.896 ng

RT: 8.13 min Scan# 875

Delta R.T. -0.01 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 569066

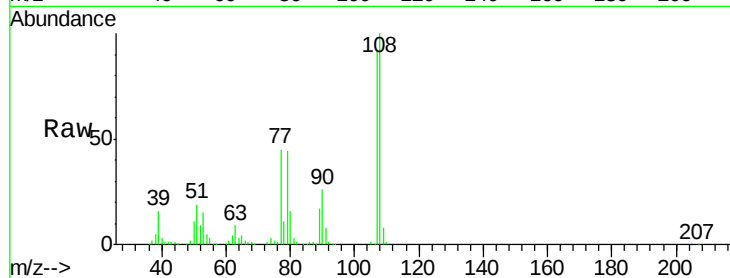
Ion Ratio Lower Upper

107 100

108 109.0 83.9 125.9

77 49.0 37.2 55.8

79 47.6 36.2 54.2

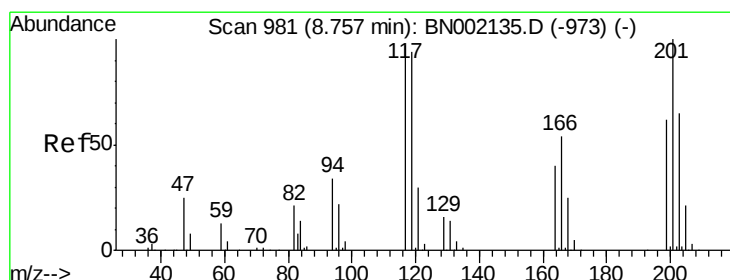
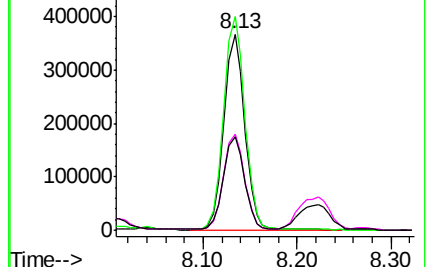
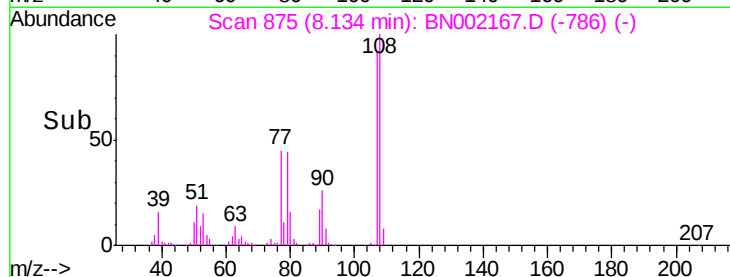


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18

Hexachloroethane

Concen: 39.986 ng

RT: 8.76 min Scan# 981

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

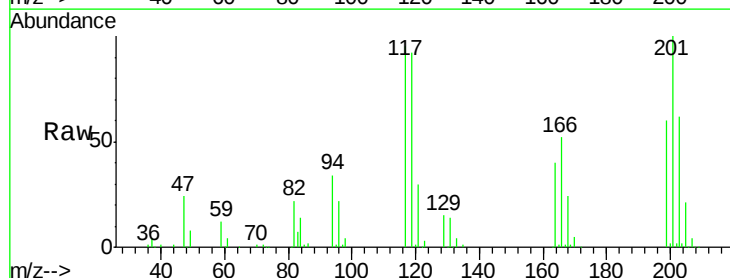
Tgt Ion:117 Resp: 287396

Ion Ratio Lower Upper

117 100

119 96.2 76.7 115.1

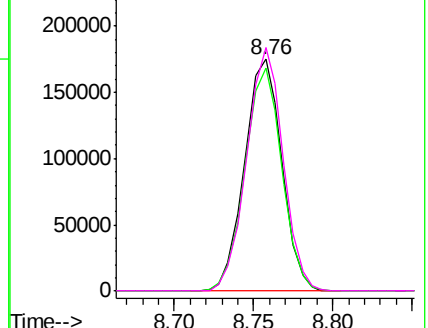
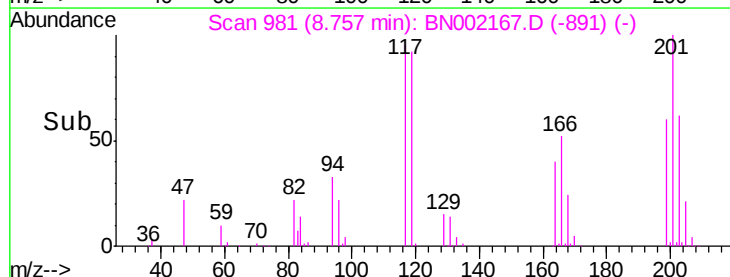
201 105.0 95.7 143.5

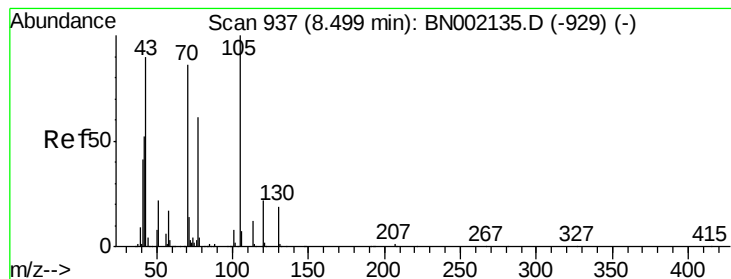


Abundance Ion 117.00 (116.70 to 117.70): E

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: 40.853 ng

RT: 8.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 603995

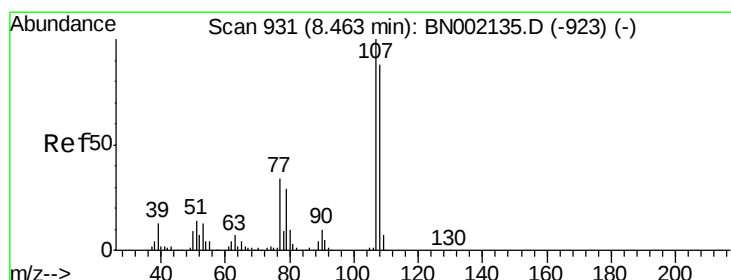
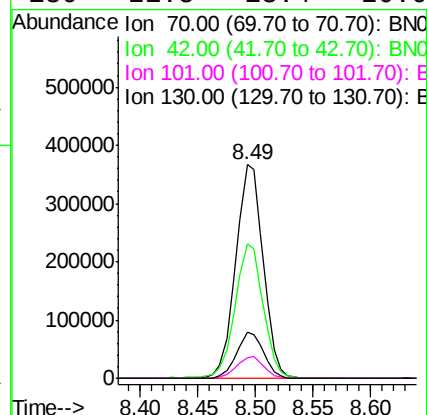
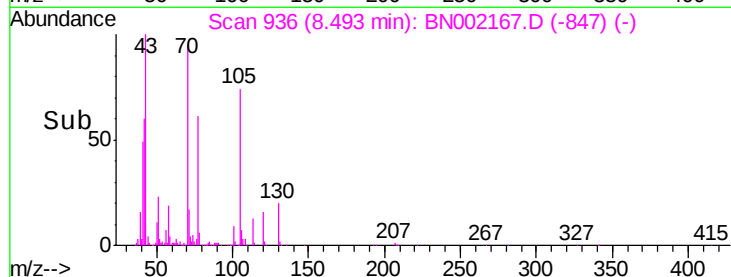
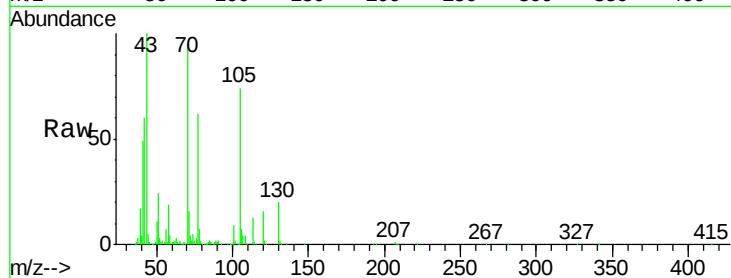
Ion Ratio Lower Upper

70 100

42 62.9 49.1 73.7

101 9.5 8.5 12.7

130 21.5 13.4 20.0#



#20

3+4-Methylphenols

Concen: 40.648 ng

RT: 8.46 min Scan# 931

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Tgt Ion: 107 Resp: 808935

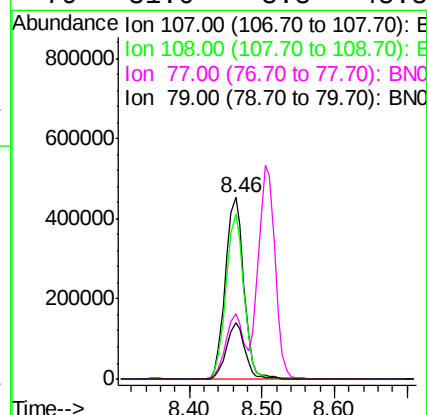
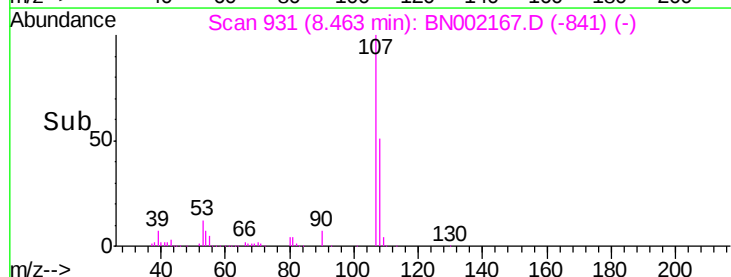
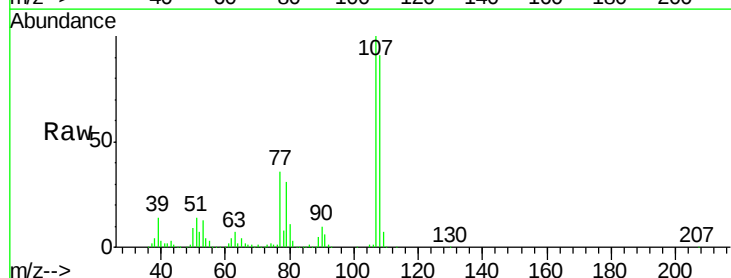
Ion Ratio Lower Upper

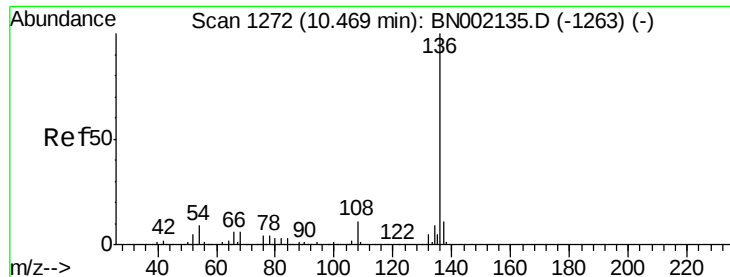
107 100

108 91.3 61.6 101.6

77 35.9 13.9 53.9

79 31.0 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 1055063

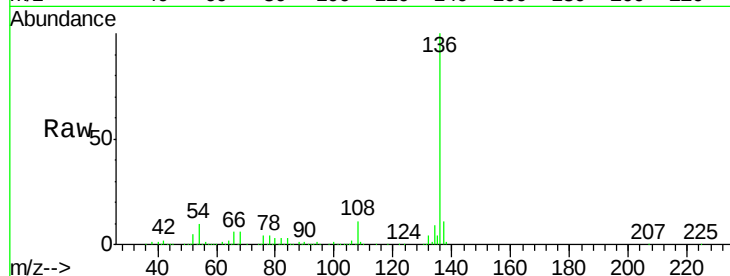
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 9.7 10.3 15.5#

68 5.9 4.5 6.7

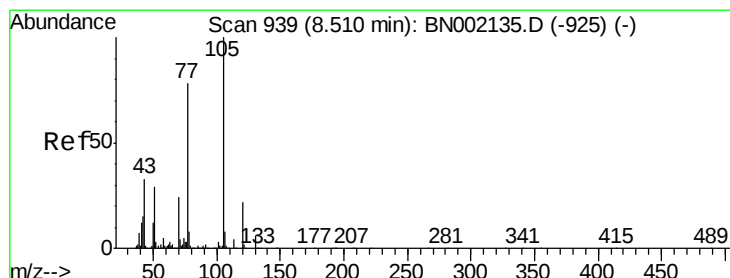
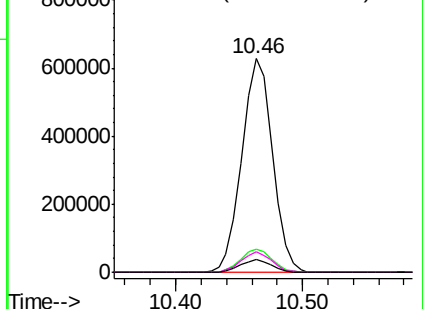
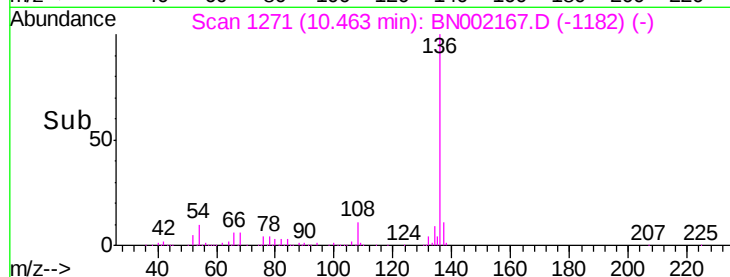


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#22

Acetophenone

Concen: 39.795 ng

RT: 8.51 min Scan# 939

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Tgt Ion:105 Resp: 1088608

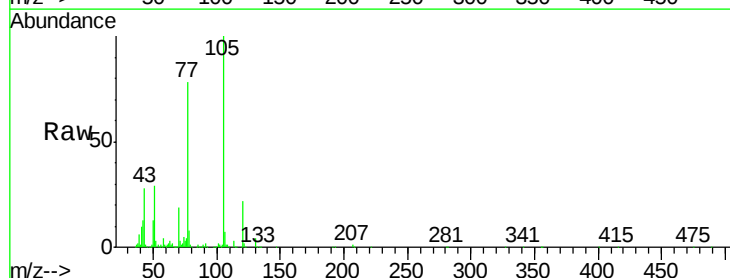
Ion Ratio Lower Upper

105 100

71 3.1 3.0 4.4

51 28.9 26.1 39.1

120 22.3 17.4 26.2

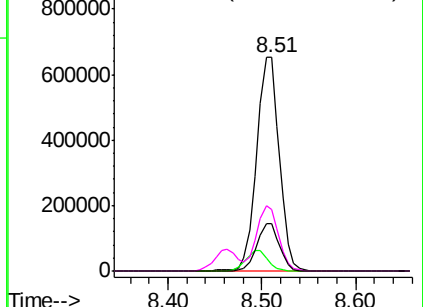
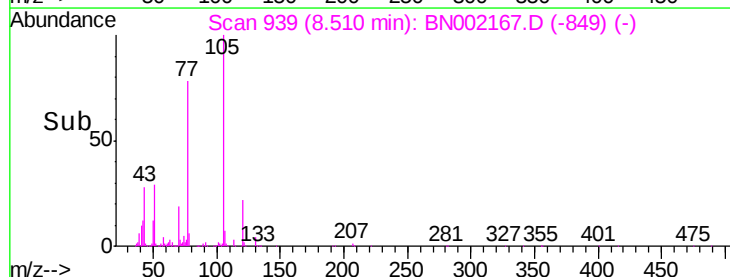


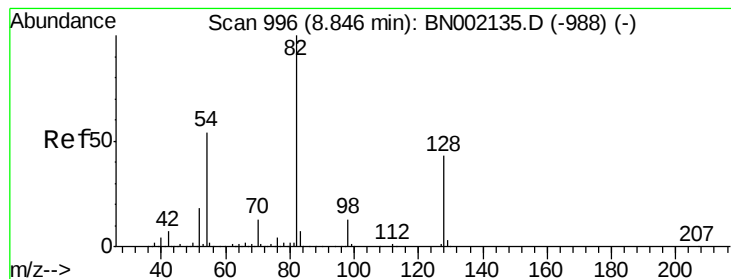
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.709 ng

RT: 8.84 min Scan# 995

Delta R.T. -0.01 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

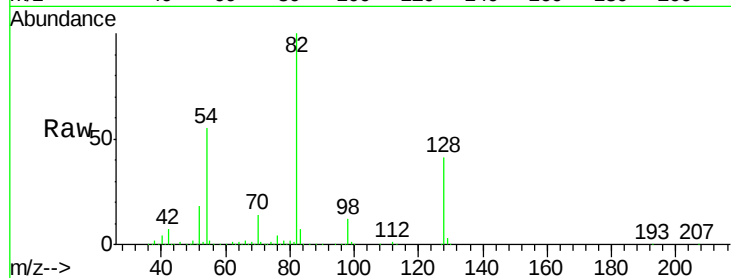
Tgt Ion: 82 Resp: 1722170

Ion Ratio Lower Upper

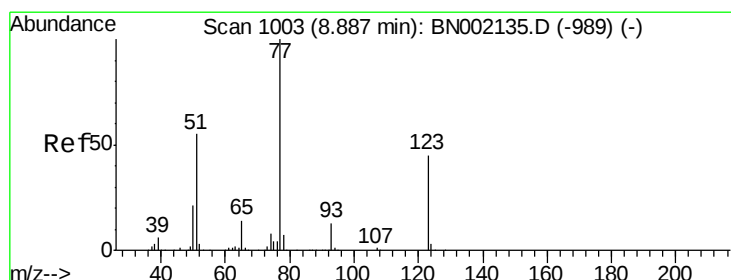
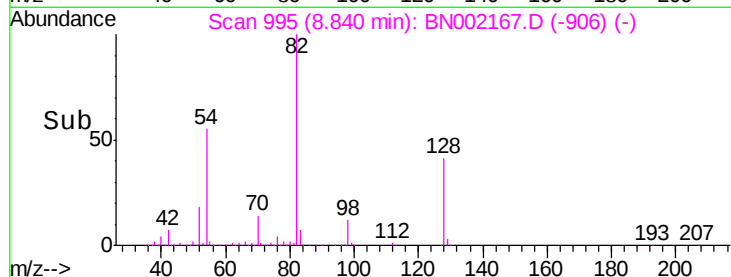
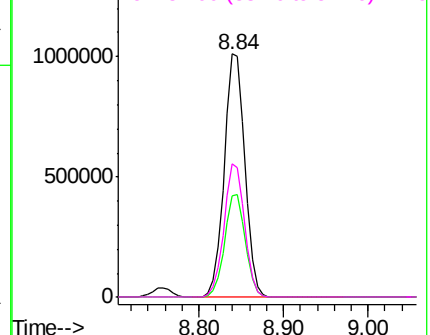
82 100

128 41.5 29.7 44.5

54 55.0 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: 39.983 ng

RT: 8.89 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

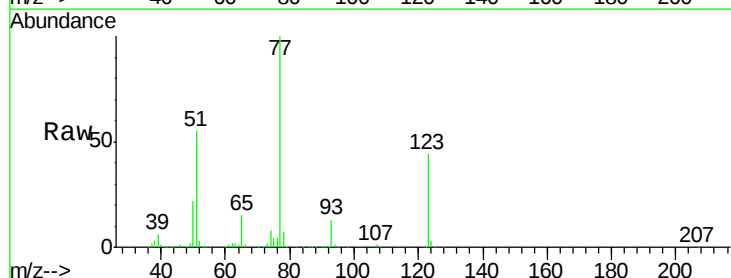
Tgt Ion: 77 Resp: 852501

Ion Ratio Lower Upper

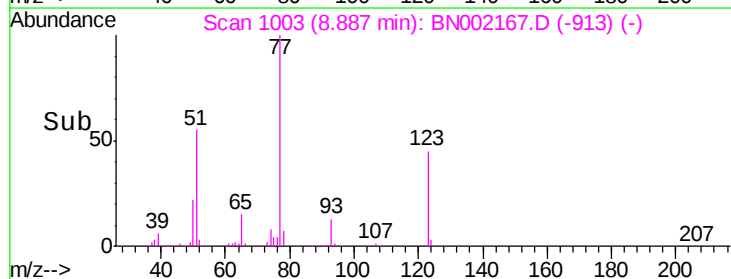
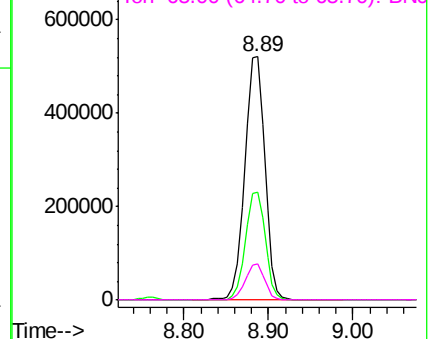
77 100

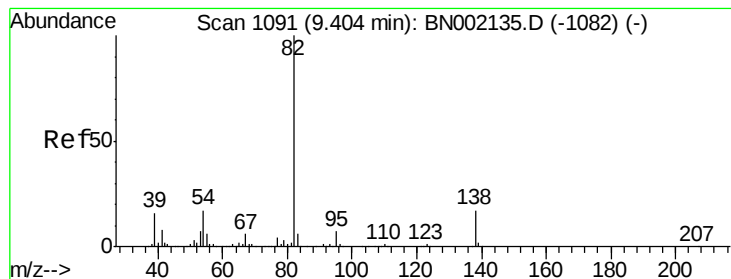
123 44.5 33.0 49.6

65 15.1 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: 39.946 ng

RT: 9.40 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

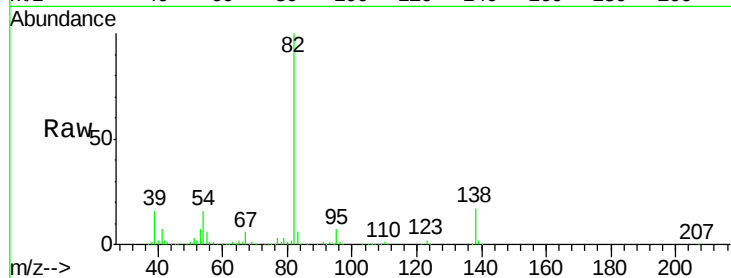
Tgt Ion: 82 Resp: 1411081

Ion Ratio Lower Upper

82 100

95 7.0 6.2 9.2

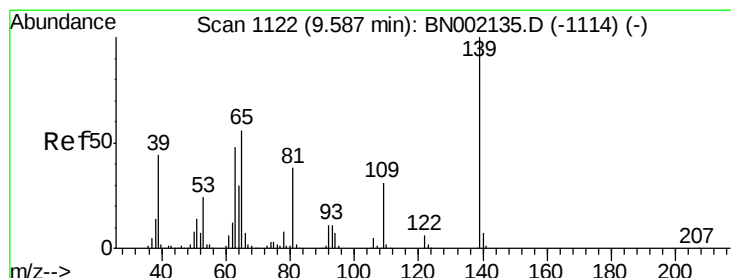
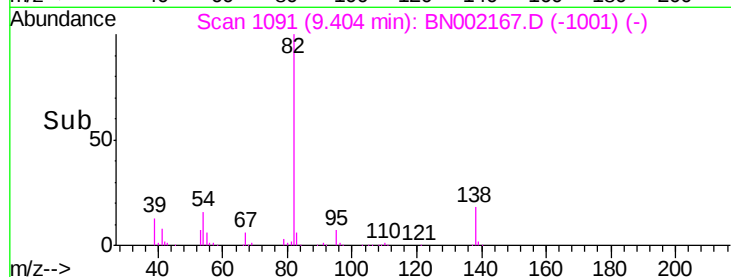
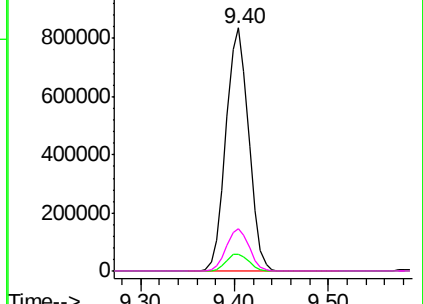
138 17.3 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BN002135.D (-1082) (-)

Ion 95.00 (94.70 to 95.70): BN002135.D (-1082) (-)

Ion 138.00 (137.70 to 138.70): BN002135.D (-1082) (-)



#26

2-Nitrophenol

Concen: 39.702 ng

RT: 9.59 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

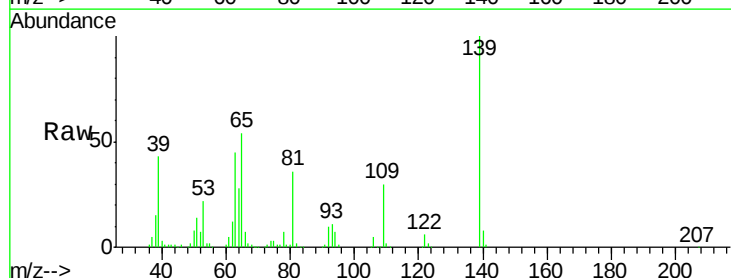
Tgt Ion: 139 Resp: 408913

Ion Ratio Lower Upper

139 100

109 30.3 24.2 36.2

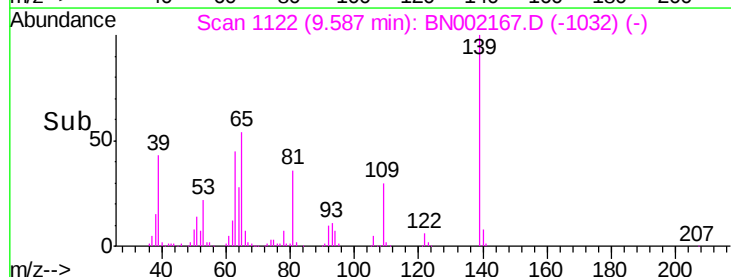
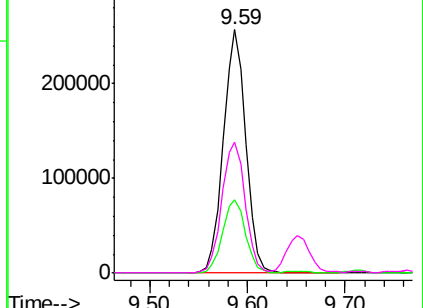
65 53.8 47.4 71.0

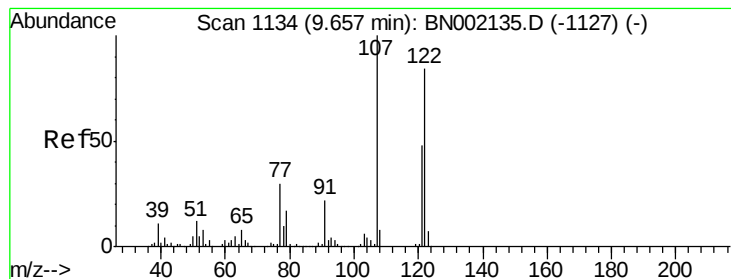


Abundance Ion 139.00 (138.70 to 139.70): BN002135.D (-1114) (-)

Ion 109.00 (108.70 to 109.70): BN002135.D (-1114) (-)

Ion 65.00 (64.70 to 65.70): BN002135.D (-1114) (-)





#27

2,4-Dimethylphenol

Concen: 39.610 ng

RT: 9.65 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

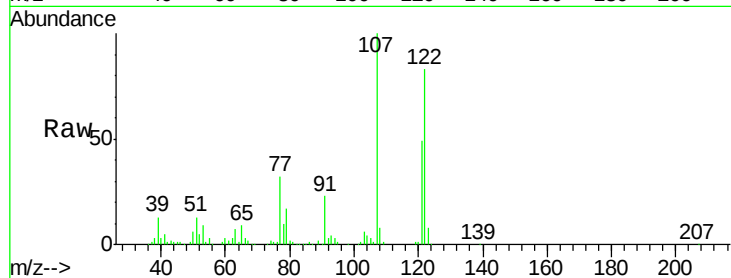
Tgt Ion:122 Resp: 567382

Ion Ratio Lower Upper

122 100

107 120.6 100.2 150.2

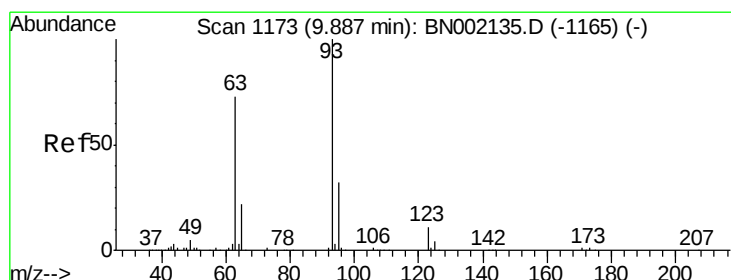
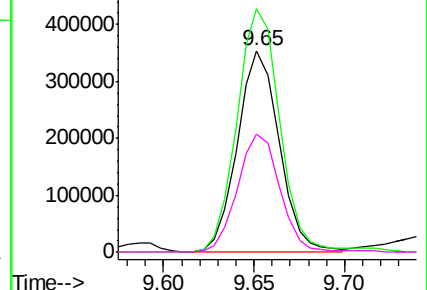
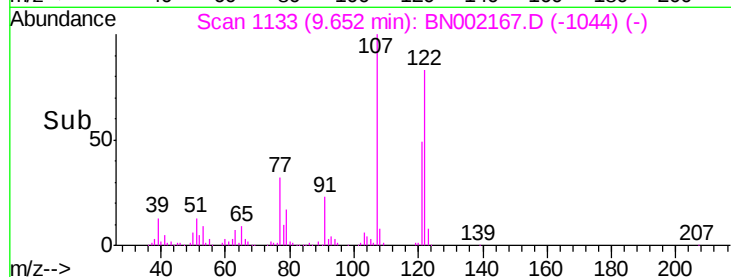
121 58.8 44.4 66.6



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: 39.642 ng

RT: 9.89 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

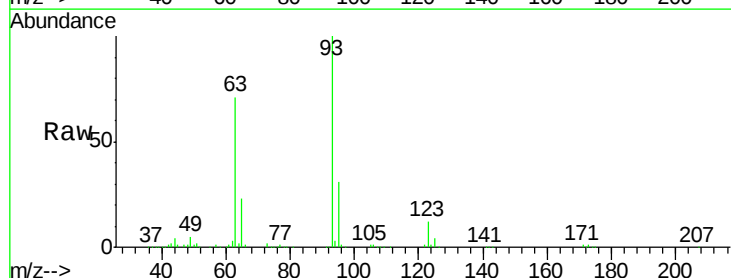
Tgt Ion: 93 Resp: 904572

Ion Ratio Lower Upper

93 100

95 31.3 24.3 36.5

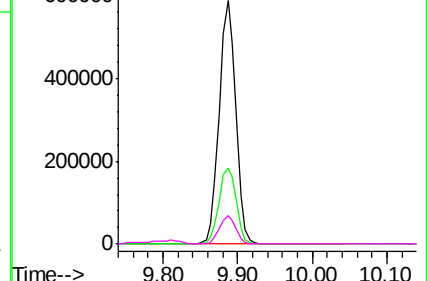
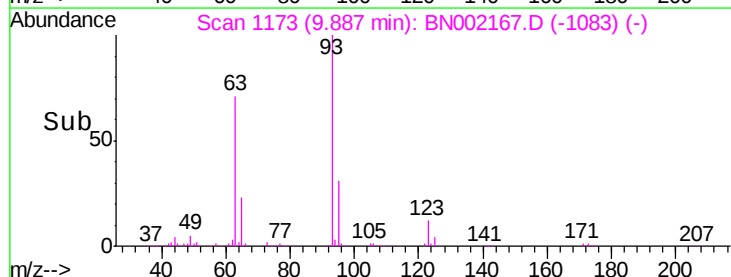
123 11.6 8.4 12.6

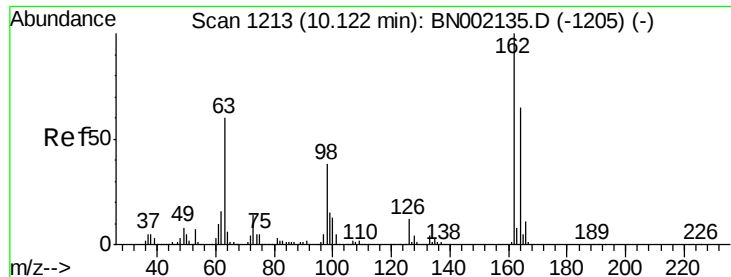


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

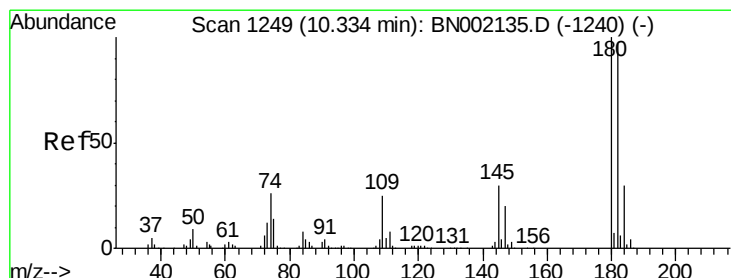
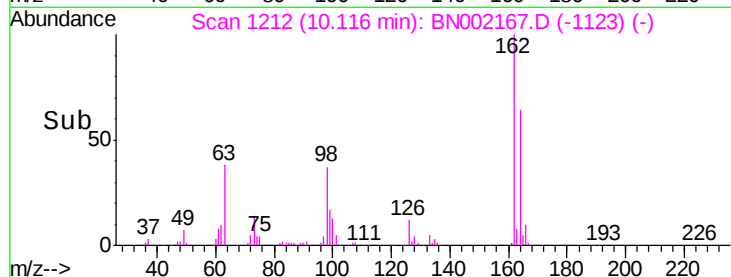
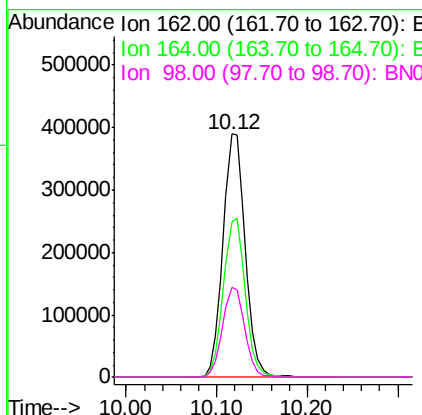
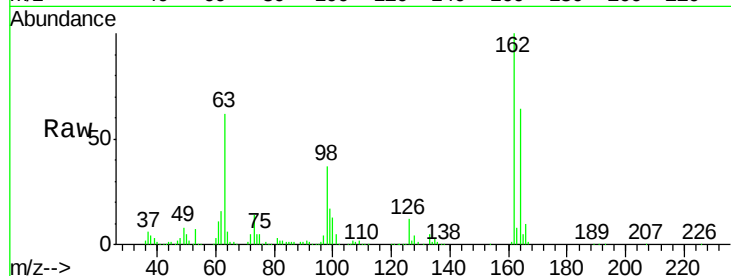




#29
2,4-Dichlorophenol
Concen: 39.916 ng
RT: 10.12 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BN002167.D
Acq: 26 Jul 2018 10:08

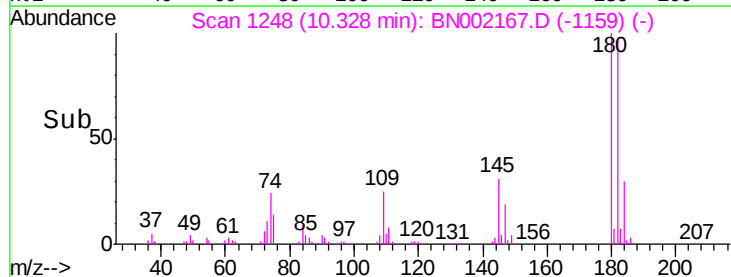
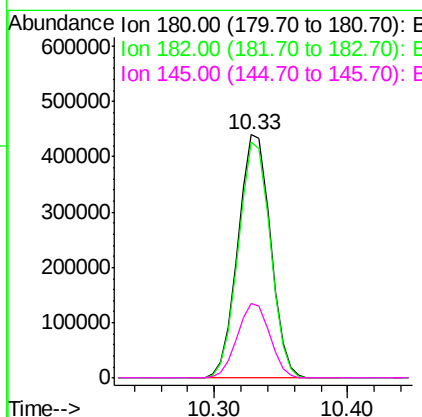
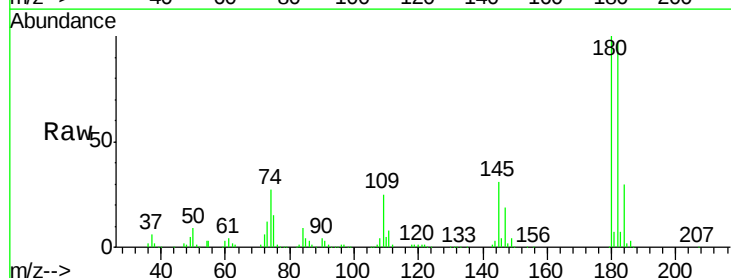
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

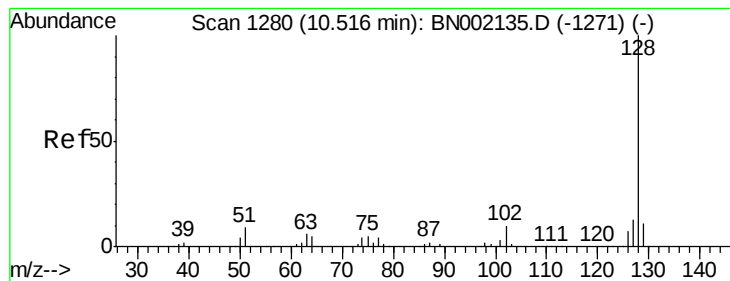
Tgt Ion:162 Resp: 666739
Ion Ratio Lower Upper
162 100
164 63.9 48.0 88.0
98 37.2 21.1 61.1



#30
1,2,4-Trichlorobenzene
Concen: 39.285 ng
RT: 10.33 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BN002167.D
Acq: 26 Jul 2018 10:08

Tgt Ion:180 Resp: 743140
Ion Ratio Lower Upper
180 100
182 96.9 77.5 116.3
145 30.9 23.4 35.2





#31

Naphthalene

Concen: 39.169 ng

RT: 10.52 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

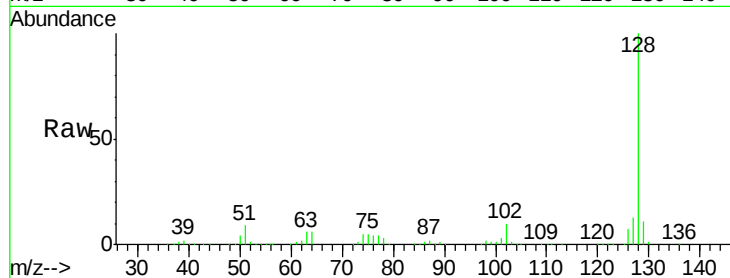
Tgt Ion:128 Resp: 2085653

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

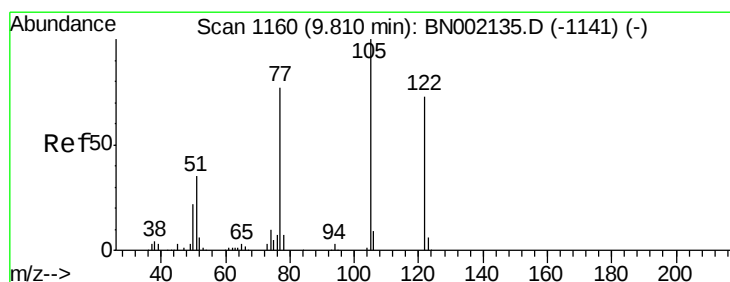
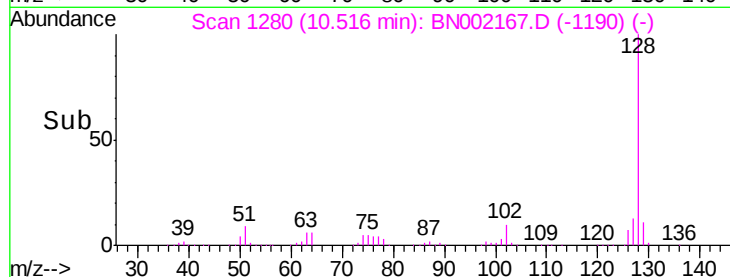
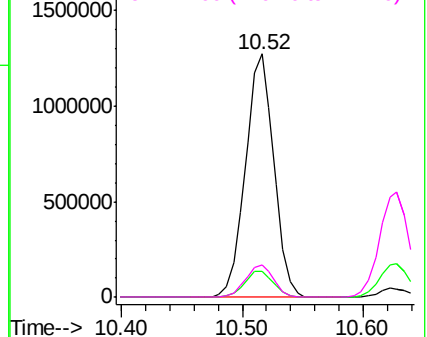
127 13.3 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.596 ng

RT: 9.82 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

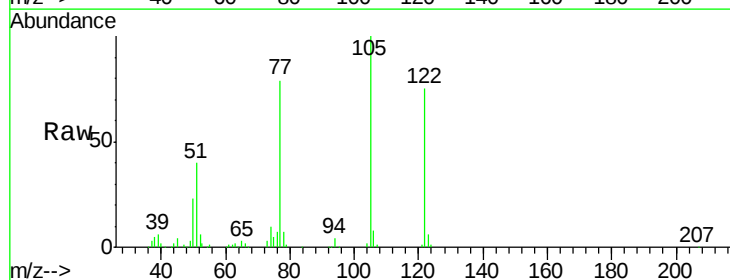
Tgt Ion:122 Resp: 432604

Ion Ratio Lower Upper

122 100

105 132.8 123.5 163.5

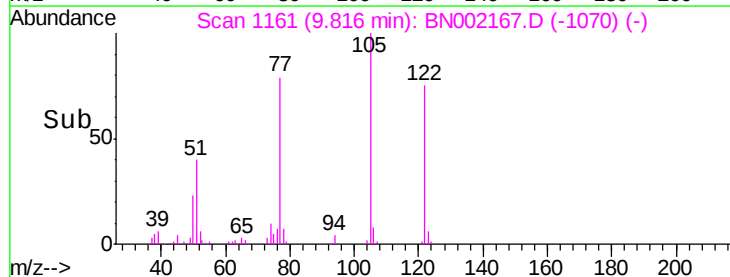
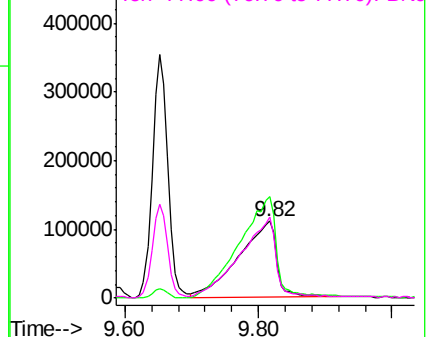
77 104.6 85.7 125.7

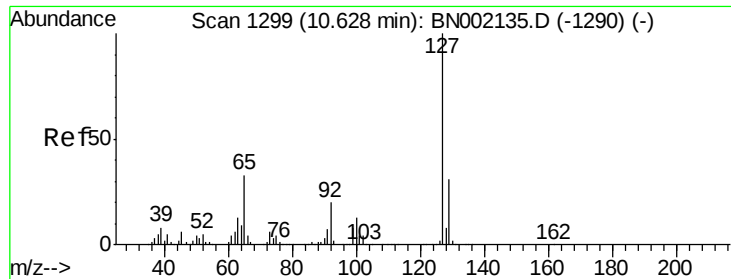


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

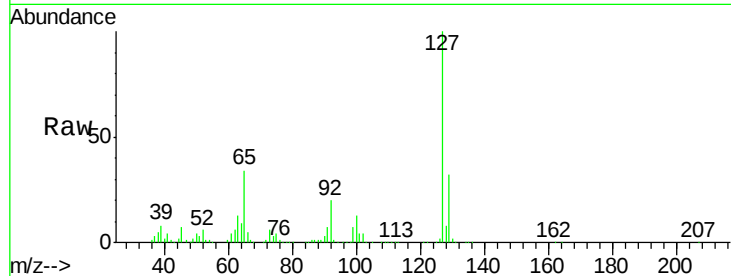




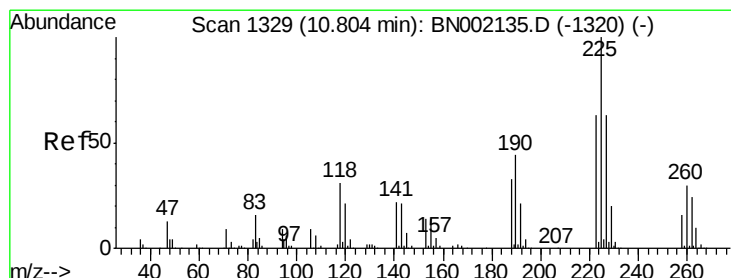
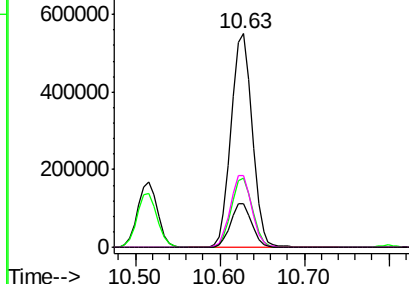
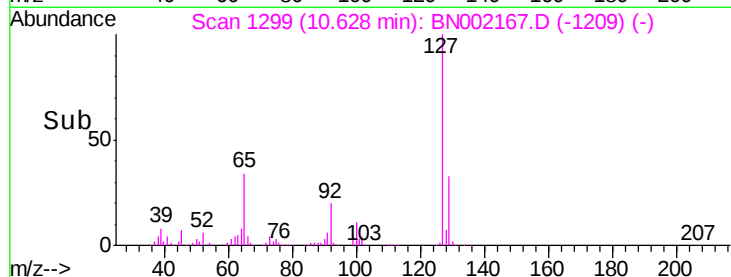
#33
4-Chloroaniline
Concen: 39.886 ng
RT: 10.63 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BN002167.D
Acq: 26 Jul 2018 10:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	944990
Ion	Ratio	Lower	Upper
127	100		
129	32.5	24.0	36.0
65	33.7	27.0	40.4
92	20.4	16.6	25.0

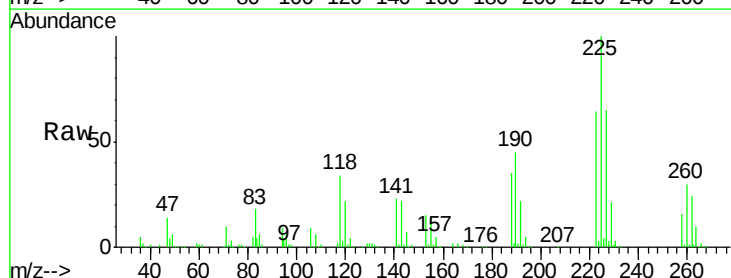


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

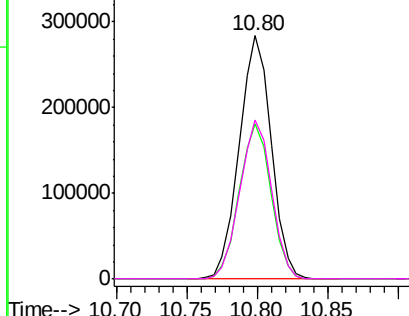
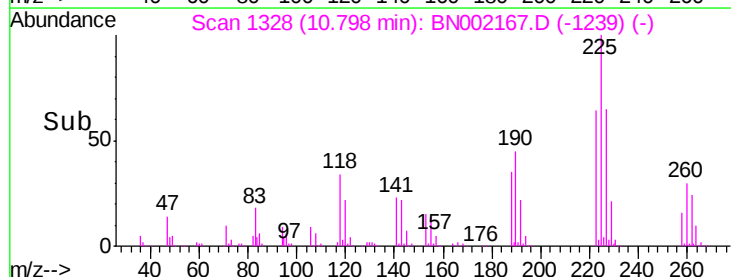


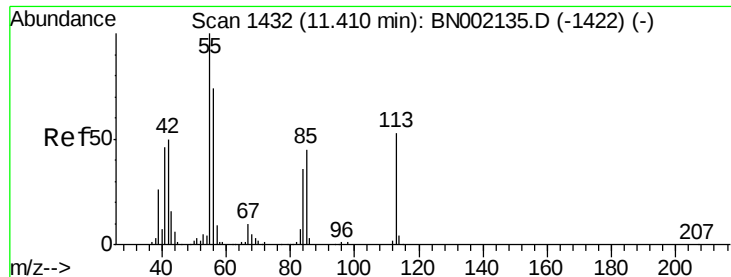
#34
Hexachlorobutadiene
Concen: 39.055 ng
RT: 10.80 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BN002167.D
Acq: 26 Jul 2018 10:08

Tgt Ion:	225	Resp:	452426
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.7	74.5
227	65.3	48.1	72.1



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





#35

Caprolactam

Concen: 39.651 ng

RT: 11.41 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

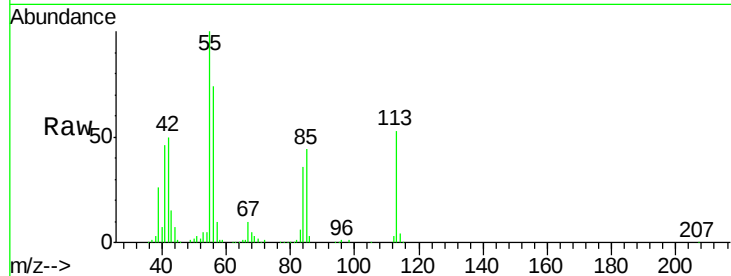
Tgt Ion:113 Resp: 226027

Ion Ratio Lower Upper

113 100

55 189.6 120.0 160.0#

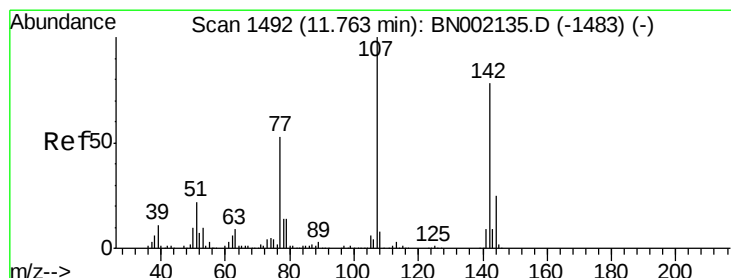
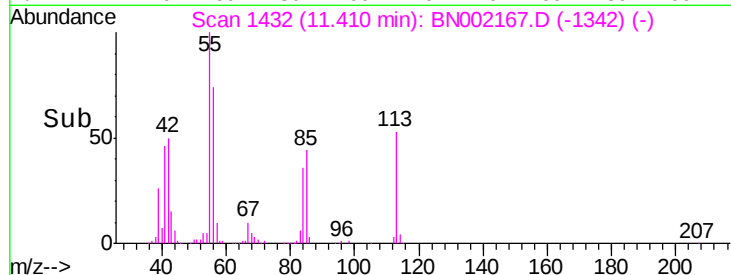
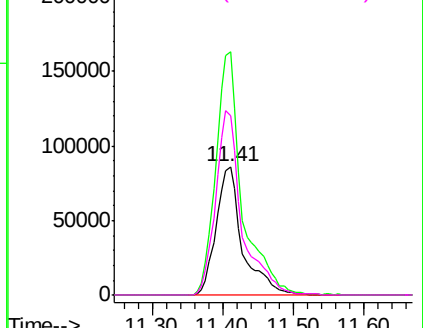
56 140.1 90.0 130.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 40.150 ng

RT: 11.76 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

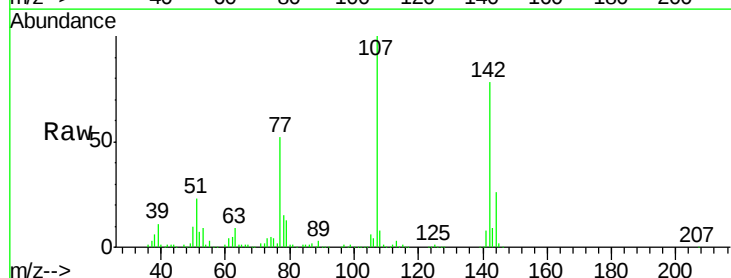
Tgt Ion:107 Resp: 762587

Ion Ratio Lower Upper

107 100

144 25.8 18.2 27.4

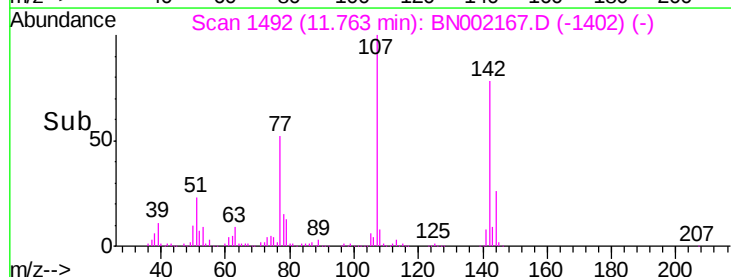
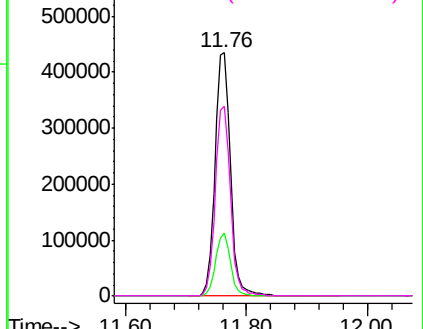
142 77.8 59.0 88.4

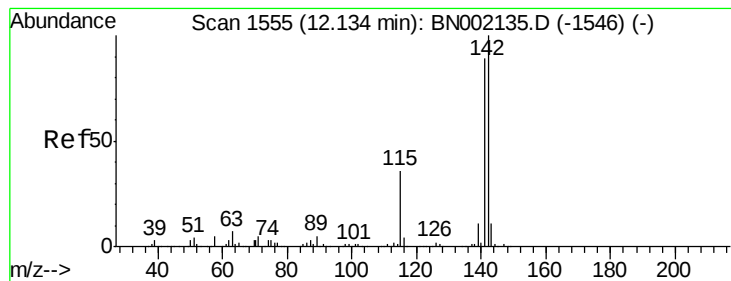


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.664 ng

RT: 12.13 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

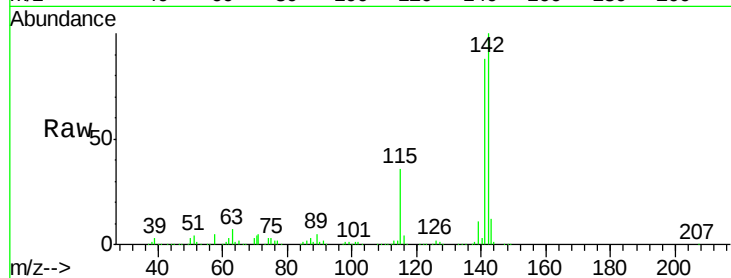
Tgt Ion:142 Resp: 1489559

Ion Ratio Lower Upper

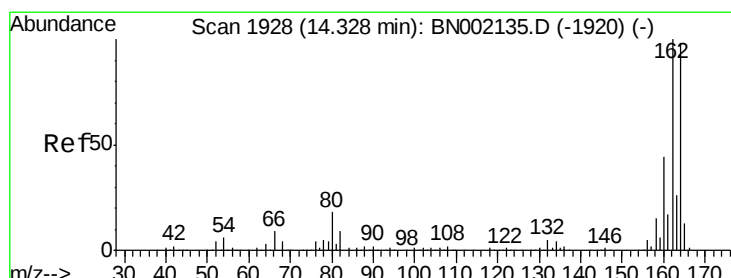
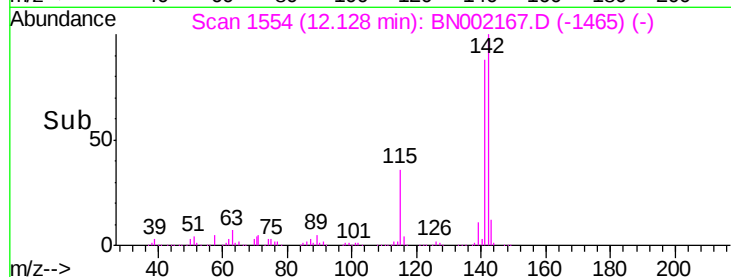
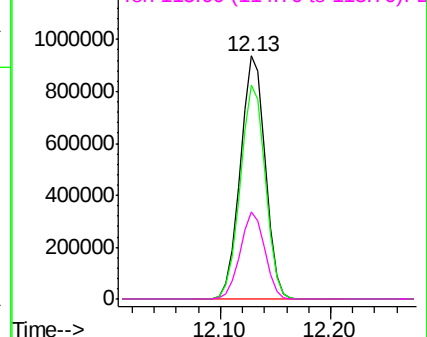
142 100

141 87.9 67.1 100.7

115 36.0 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

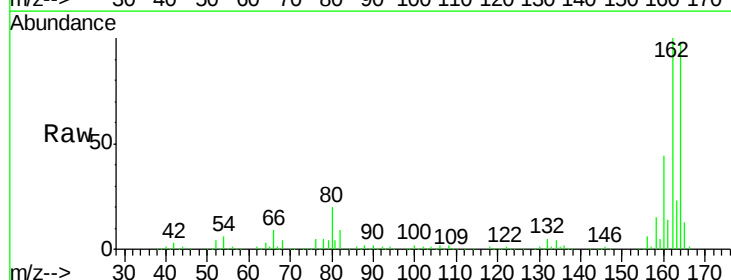
Tgt Ion:164 Resp: 603010

Ion Ratio Lower Upper

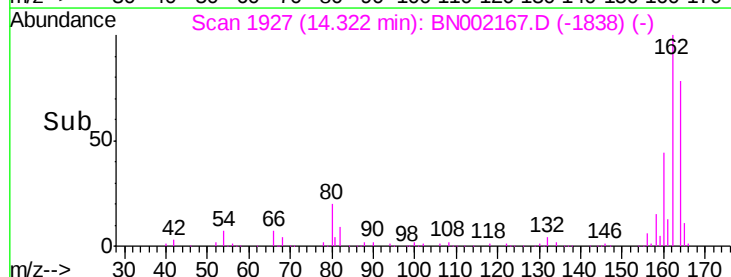
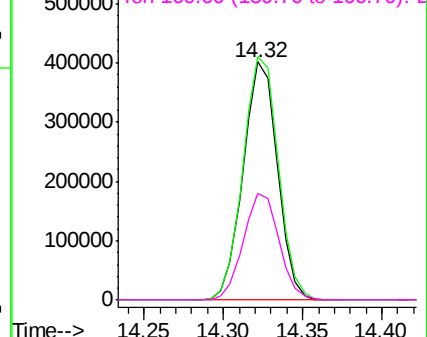
164 100

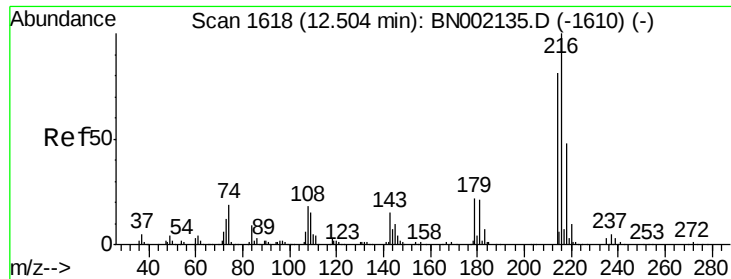
162 102.4 78.8 118.2

160 44.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.026 ng

RT: 12.50 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 811564

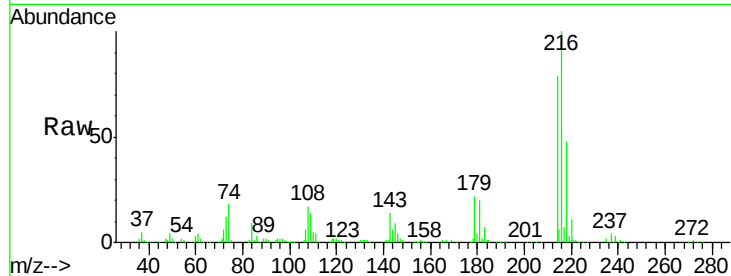
Ion Ratio Lower Upper

216 100

214 77.9 63.0 94.4

179 21.8 17.0 25.6

108 19.1 12.8 19.2

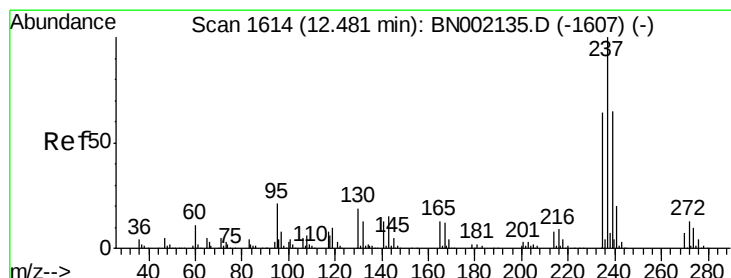
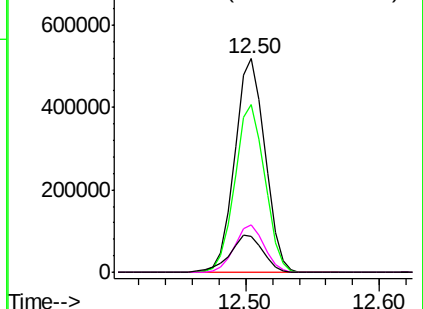
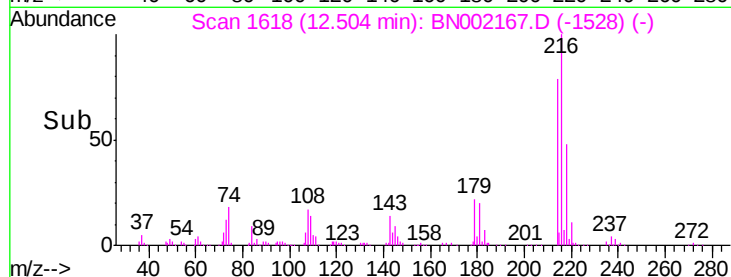


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 41.456 ng

RT: 12.48 min Scan# 1614

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

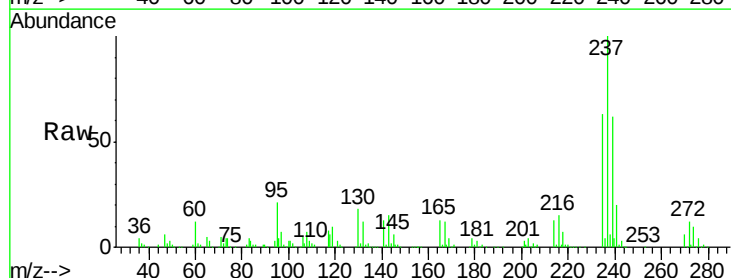
Tgt Ion:237 Resp: 474731

Ion Ratio Lower Upper

237 100

235 62.8 50.4 90.4

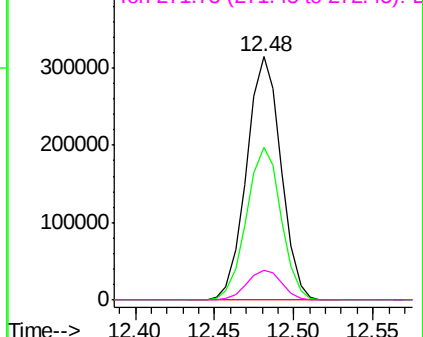
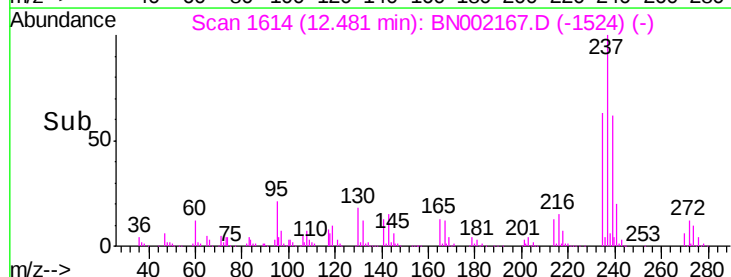
272 12.1 0.0 31.8

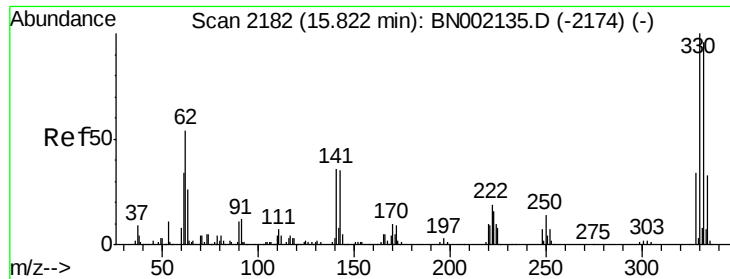


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

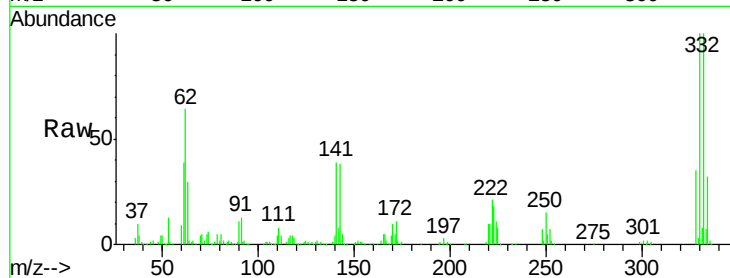




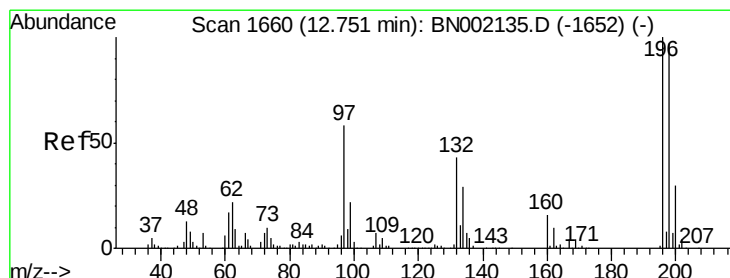
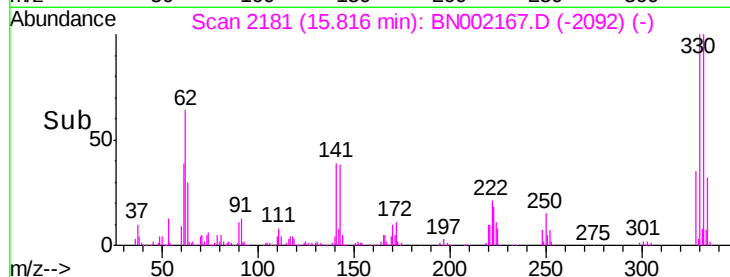
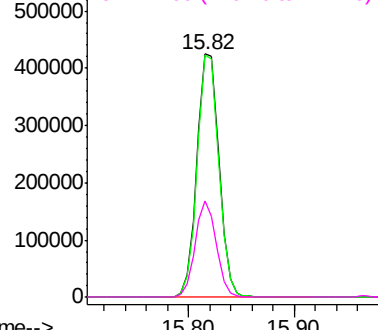
#41
 2,4,6-Tribromophenol
 Concen: 79.111 ng
 RT: 15.82 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BN002167.D
 Acq: 26 Jul 2018 10:08

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 619465
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 37.9 25.2 37.8#

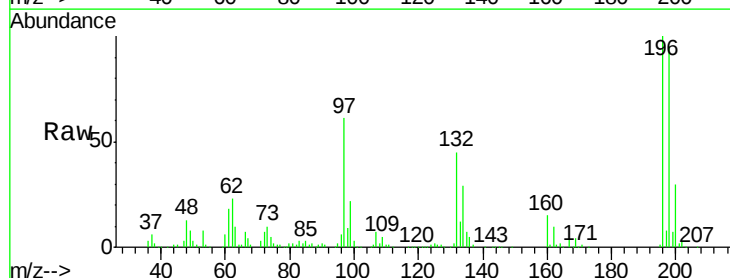


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

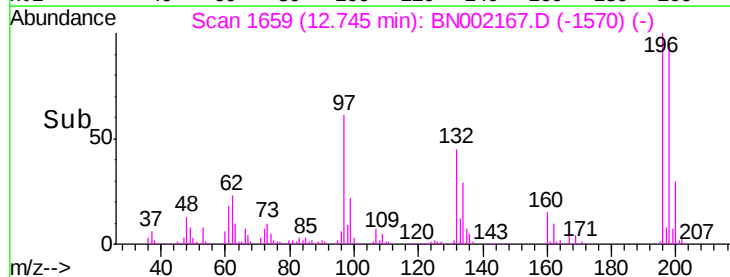
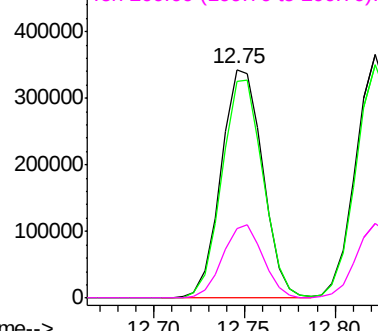


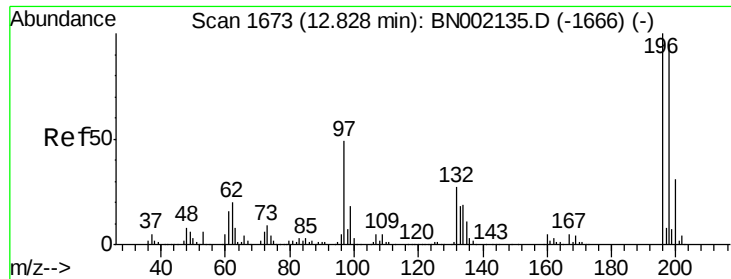
#42
 2,4,6-Trichlorophenol
 Concen: 40.244 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BN002167.D
 Acq: 26 Jul 2018 10:08

Tgt Ion:196 Resp: 547481
 Ion Ratio Lower Upper
 196 100
 198 94.8 78.2 117.2
 200 30.5 24.6 36.8



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

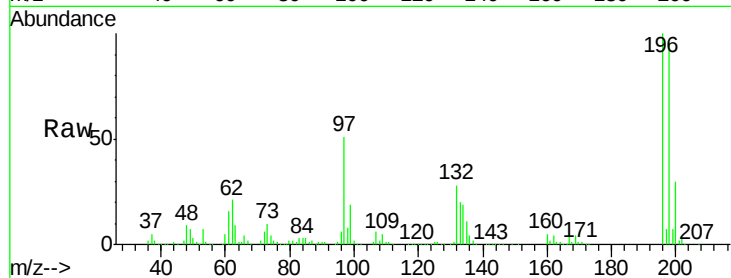




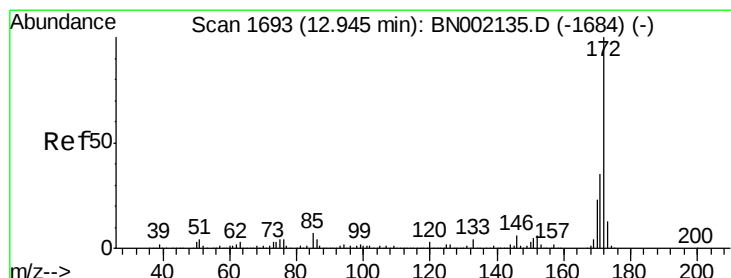
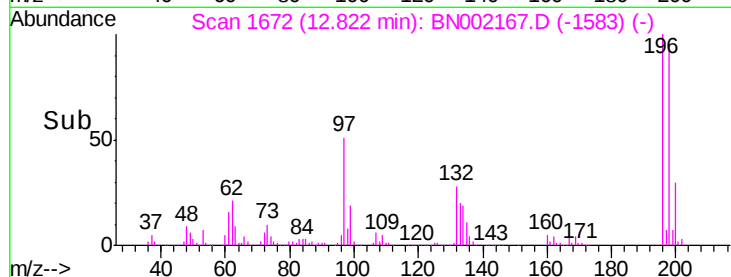
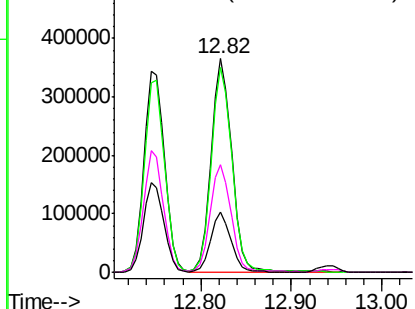
#43
 2,4,5-Trichlorophenol
 Concen: 40.044 ng
 RT: 12.82 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BN002167.D
 Acq: 26 Jul 2018 10:08

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 577053
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.2 114.4
 97 50.7 38.7 58.1
 132 27.9 20.2 30.2

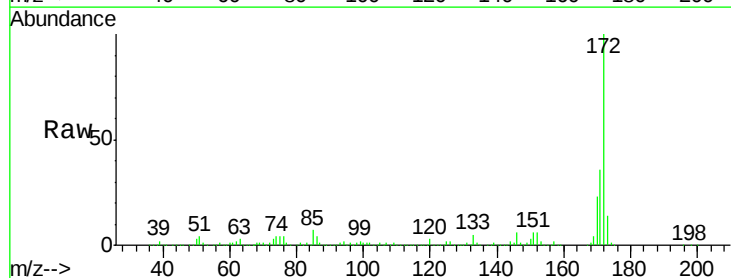


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BNC
 Ion 132.00 (131.70 to 132.70): E

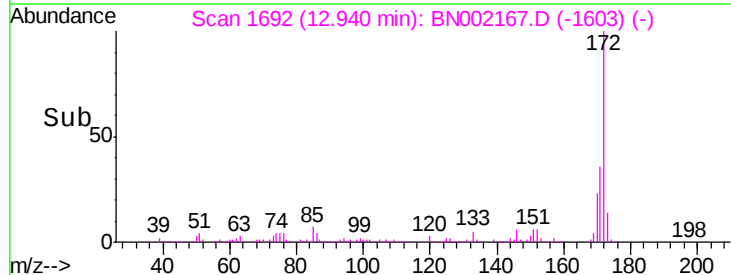
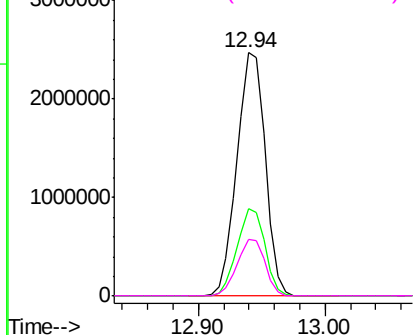


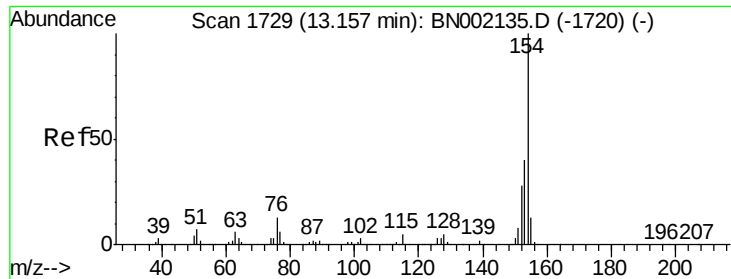
#44
 2-Fluorobiphenyl
 Concen: 82.697 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BN002167.D
 Acq: 26 Jul 2018 10:08

Tgt Ion:172 Resp: 3828536
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.0 45.0
 170 23.5 19.5 29.3



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

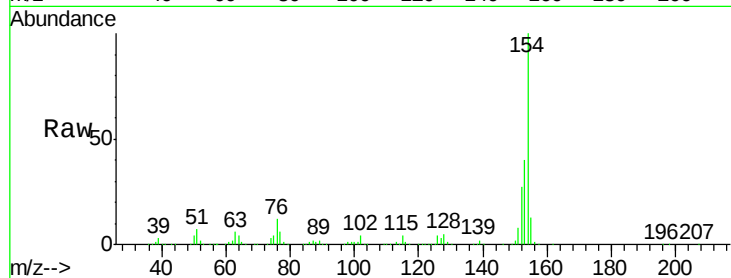




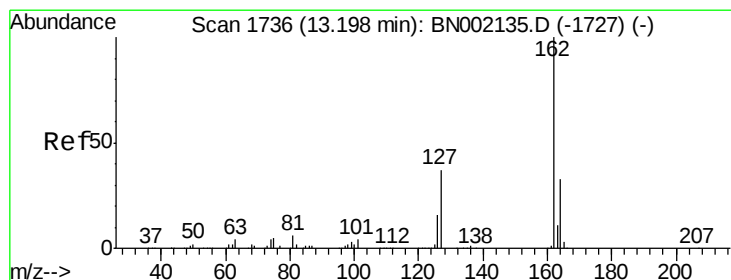
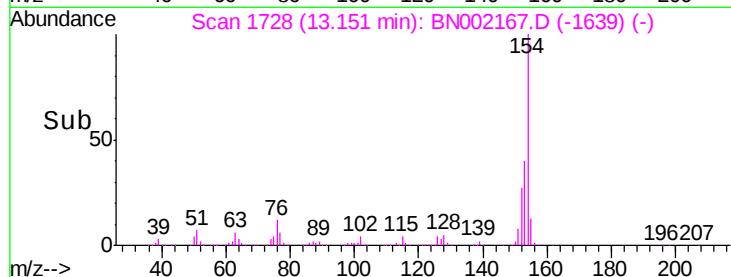
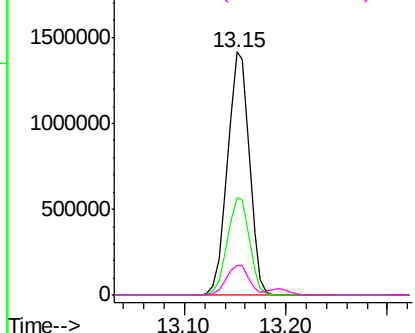
#45
 1,1'-Biphenyl
 Concen: 39.910 ng
 RT: 13.15 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BN002167.D
 Acq: 26 Jul 2018 10:08

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 2117749
 Ion Ratio Lower Upper
 154 100
 153 39.9 19.8 59.8
 76 12.4 0.0 31.9

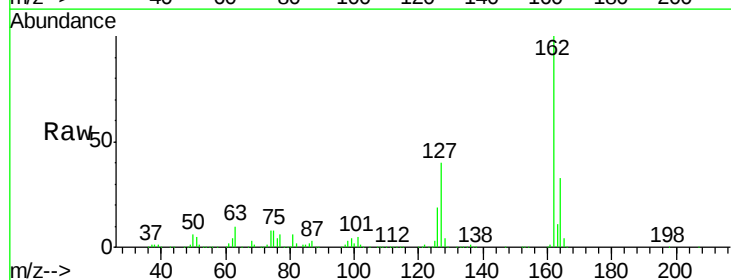


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNO

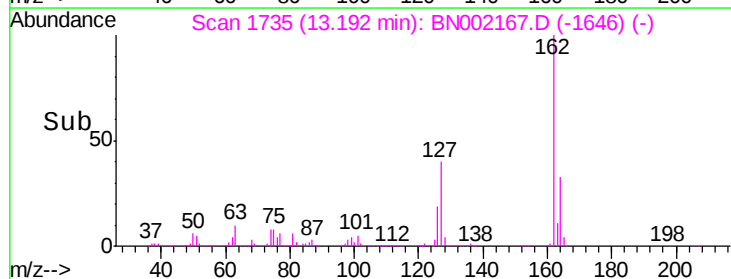
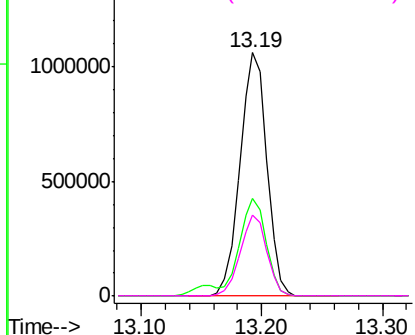


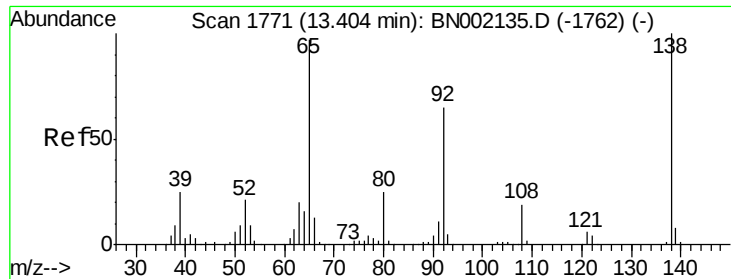
#46
 2-Chloronaphthalene
 Concen: 40.103 ng
 RT: 13.19 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BN002167.D
 Acq: 26 Jul 2018 10:08

Tgt Ion:162 Resp: 1642527
 Ion Ratio Lower Upper
 162 100
 127 40.1 30.7 46.1
 164 33.1 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

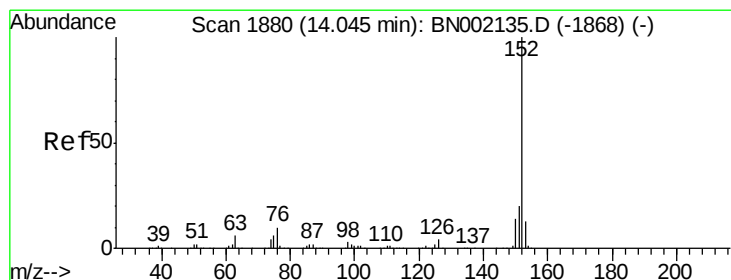
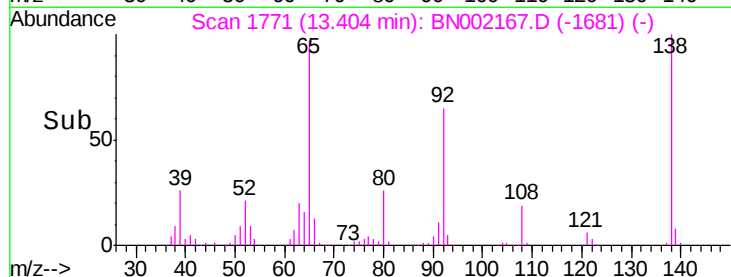
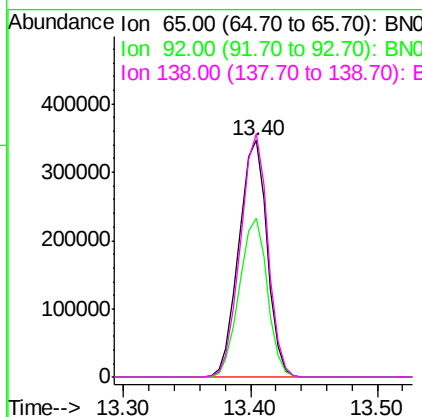
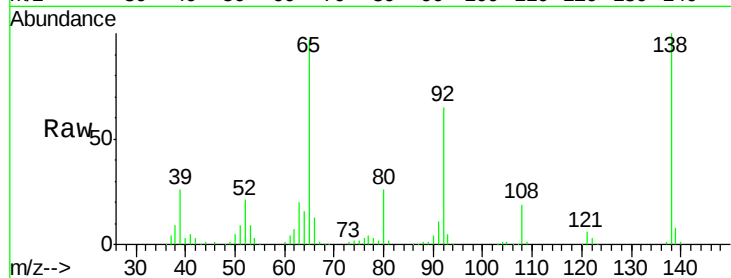




#47
2-Nitroaniline
Concen: 40.722 ng
RT: 13.40 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BN002167.D
Acq: 26 Jul 2018 10:08

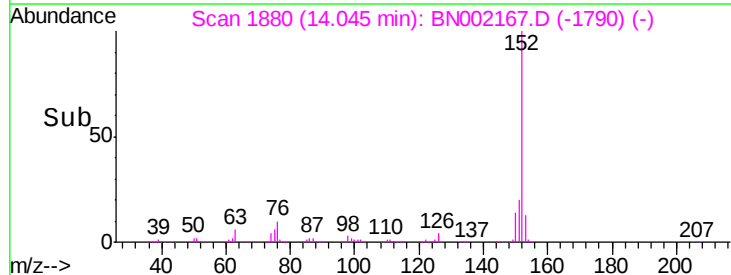
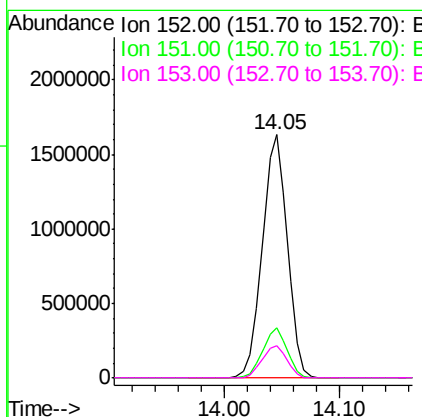
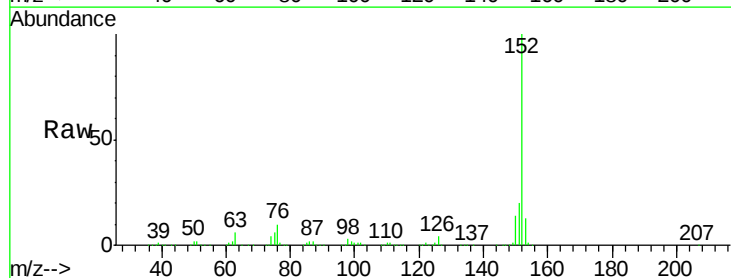
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

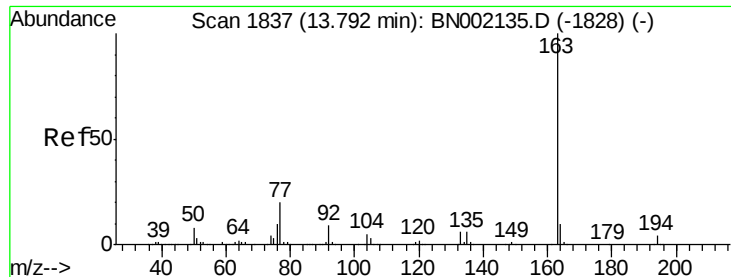
Tgt Ion: 65 Resp: 536684
Ion Ratio Lower Upper
65 100
92 67.1 54.6 82.0
138 102.9 72.9 109.3



#48
Acenaphthylene
Concen: 39.809 ng
RT: 14.05 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BN002167.D
Acq: 26 Jul 2018 10:08

Tgt Ion: 152 Resp: 2474286
Ion Ratio Lower Upper
152 100
151 20.5 17.2 25.8
153 13.3 10.2 15.4





#49

Dimethylphthalate

Concen: 39.193 ng

RT: 13.79 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

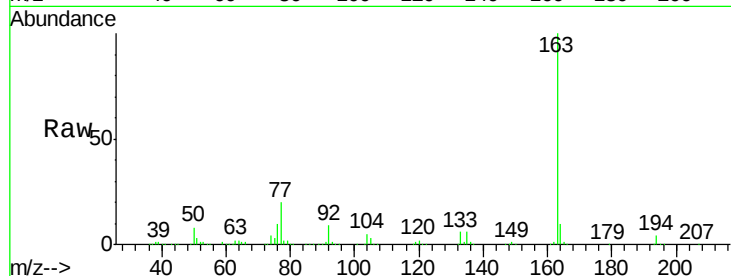
Tgt Ion:163 Resp: 1963188

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

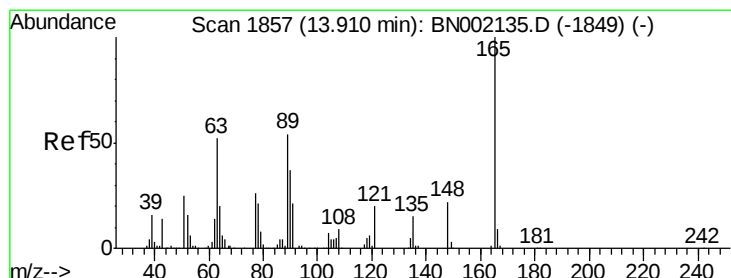
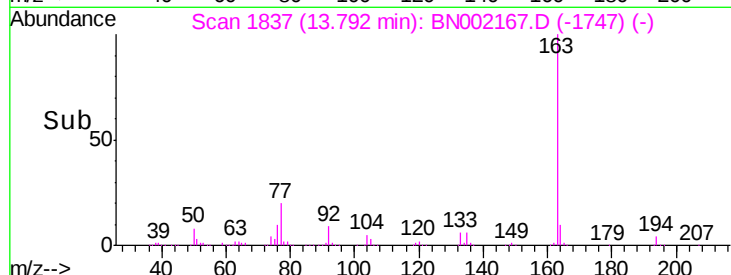
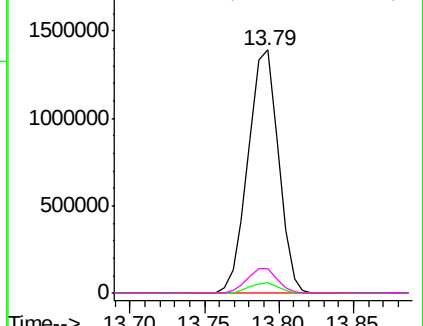
164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.079 ng

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

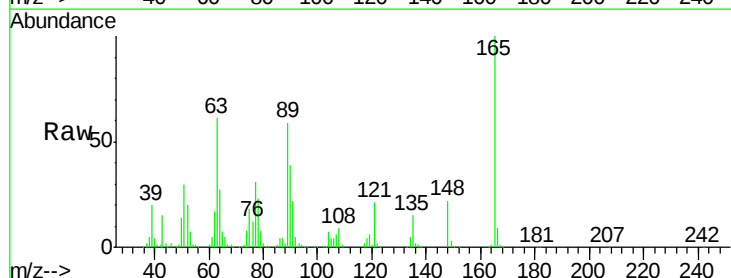
Tgt Ion:165 Resp: 446012

Ion Ratio Lower Upper

165 100

63 60.7 52.7 79.1

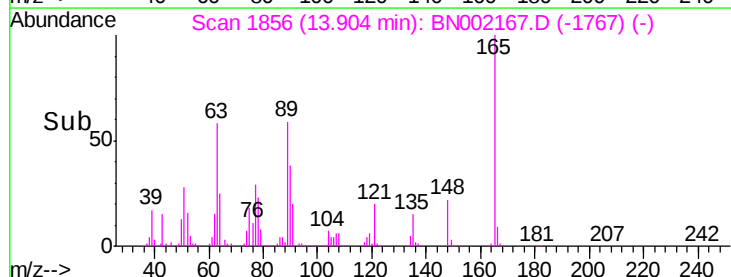
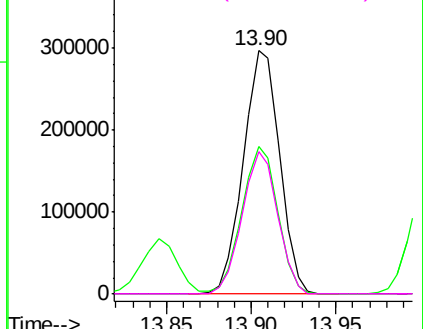
89 58.7 49.2 73.8

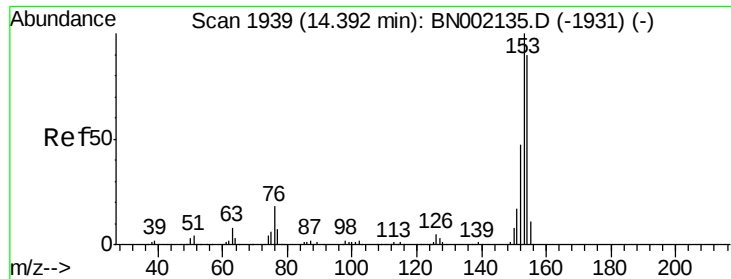


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 39.927 ng

RT: 14.39 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

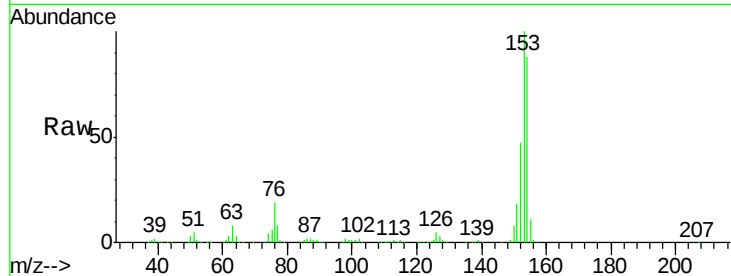
Tgt Ion:154 Resp: 1494829

Ion Ratio Lower Upper

154 100

153 113.0 90.4 135.6

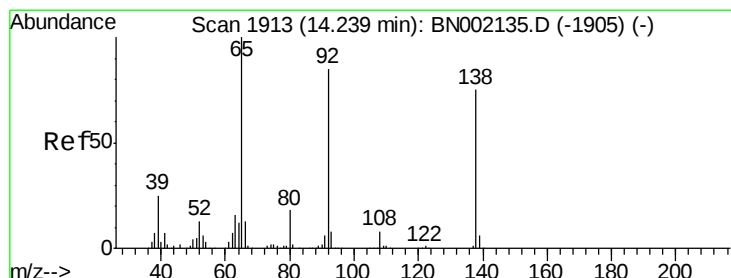
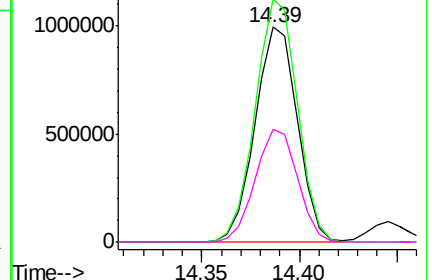
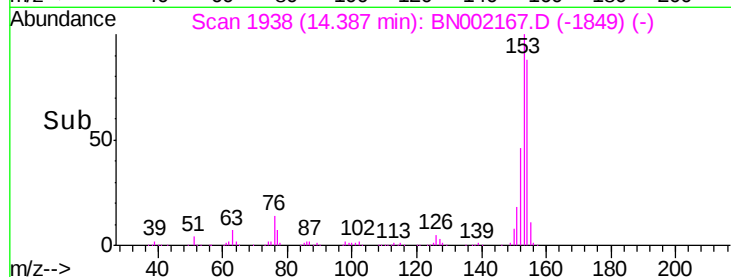
152 52.7 41.6 62.4



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: 40.112 ng

RT: 14.23 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

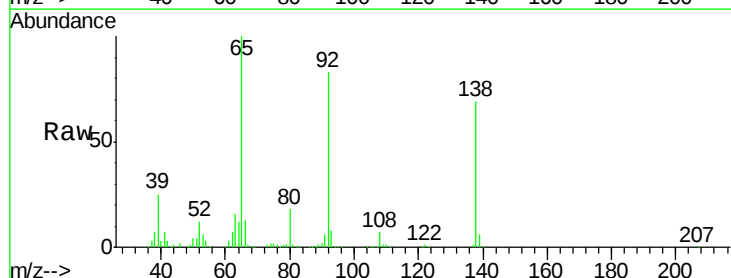
Tgt Ion:138 Resp: 483650

Ion Ratio Lower Upper

138 100

108 10.6 17.5 26.3#

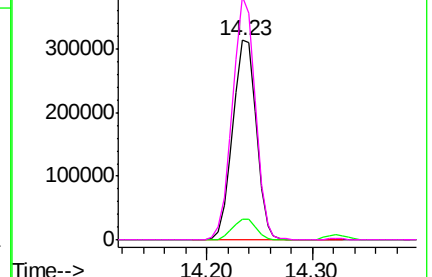
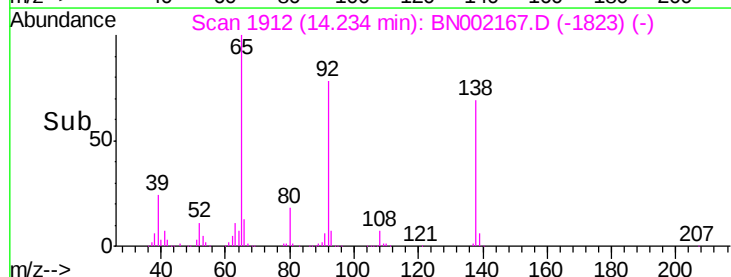
92 121.7 105.8 158.8

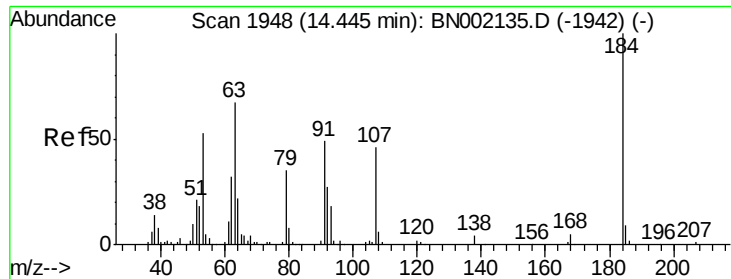


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

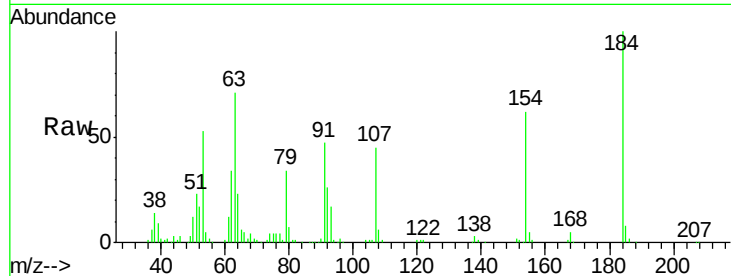




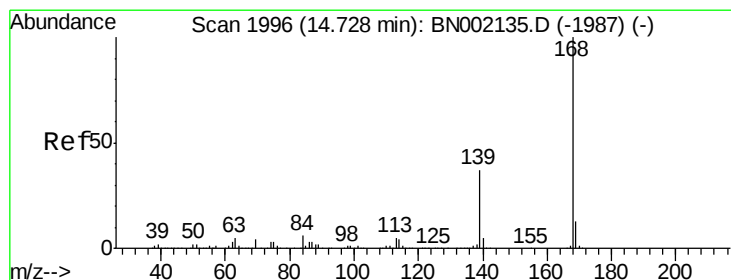
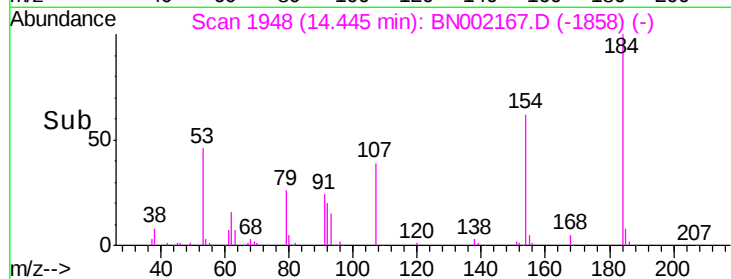
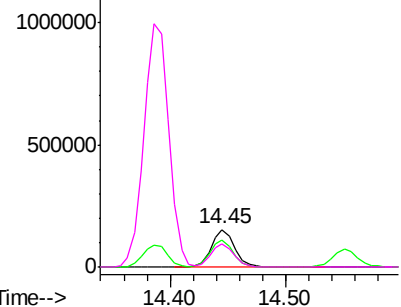
#53
2,4-Dinitrophenol
Concen: 37.366 ng
RT: 14.45 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BN002167.D
Acq: 26 Jul 2018 10:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 220178
Ion Ratio Lower Upper
184 100
63 71.4 56.0 84.0
154 62.4 48.0 72.0

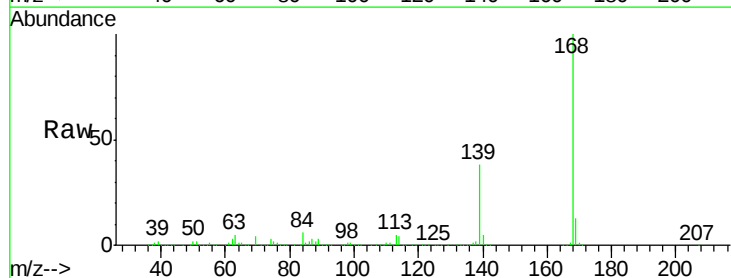


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

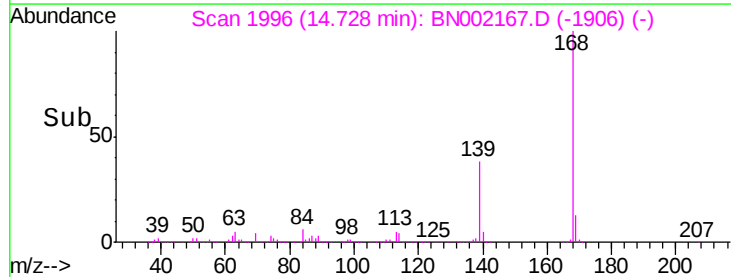
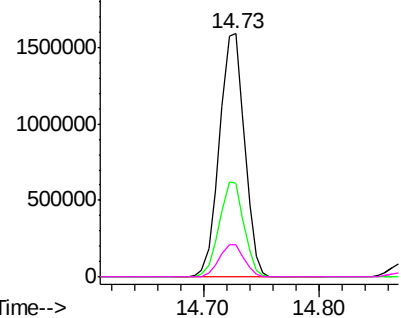


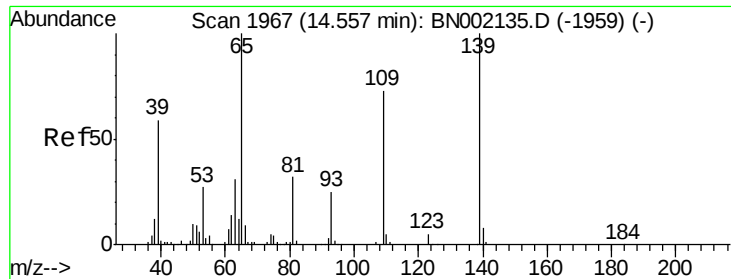
#54
Dibenzofuran
Concen: 39.484 ng
RT: 14.73 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BN002167.D
Acq: 26 Jul 2018 10:08

Tgt Ion:168 Resp: 2396666
Ion Ratio Lower Upper
168 100
139 38.3 28.6 43.0
169 13.3 11.2 16.8



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

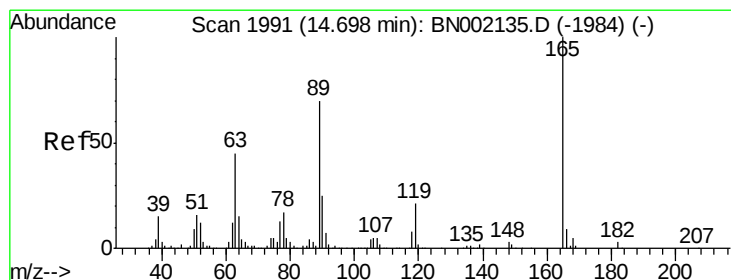
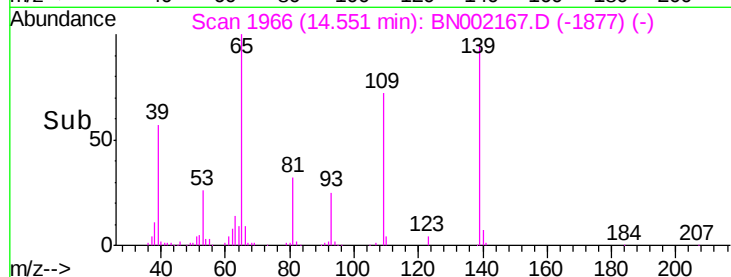
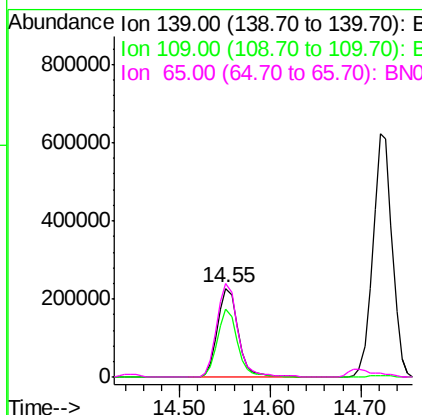
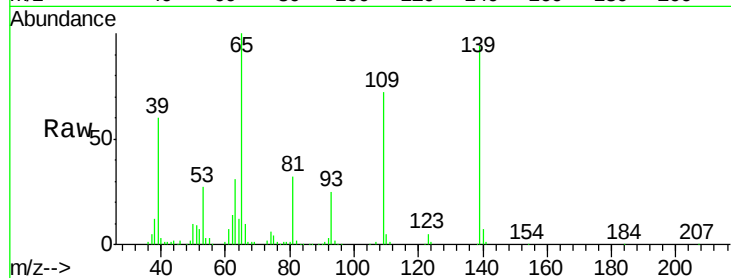




#55
4-Nitrophenol
Concen: 39.639 ng
RT: 14.55 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BN002167.D
Acq: 26 Jul 2018 10:08

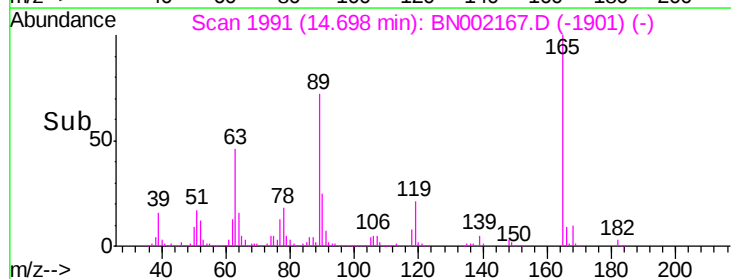
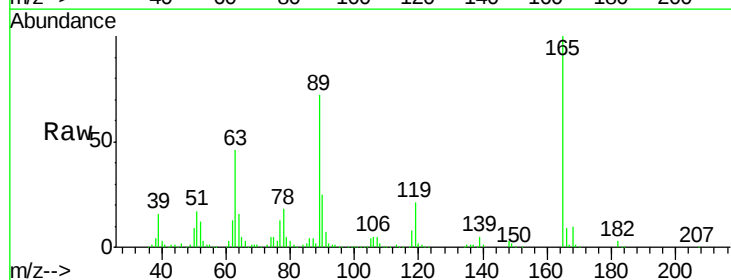
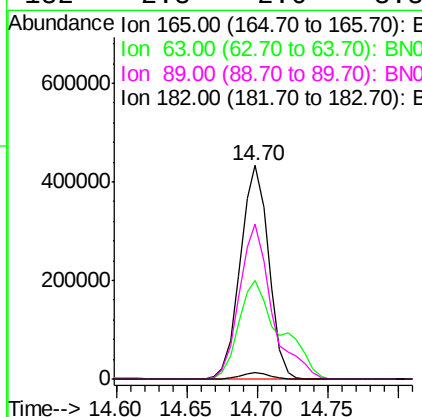
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

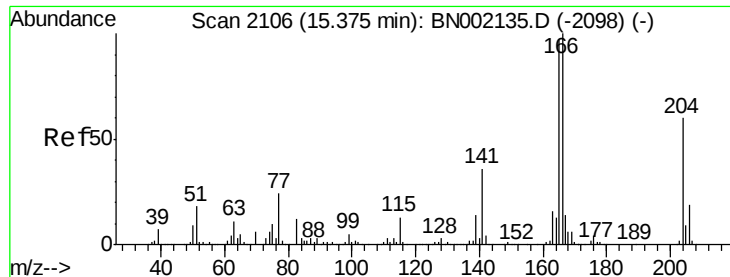
Tgt Ion:139 Resp: 366930
Ion Ratio Lower Upper
139 100
109 76.8 62.2 102.2
65 106.2 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 40.126 ng
RT: 14.70 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BN002167.D
Acq: 26 Jul 2018 10:08

Tgt Ion:165 Resp: 606028
Ion Ratio Lower Upper
165 100
63 46.3 42.0 63.0
89 72.4 66.9 100.3
182 2.8 2.6 3.8

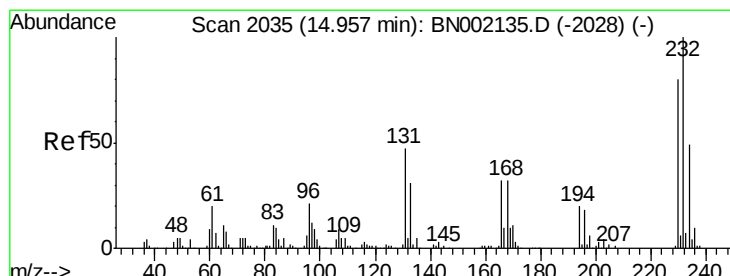
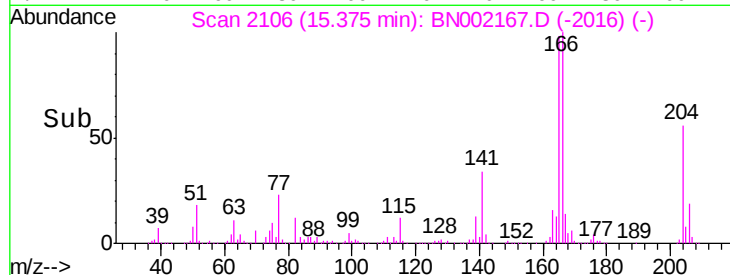
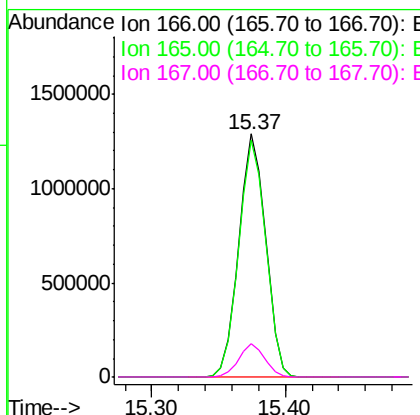
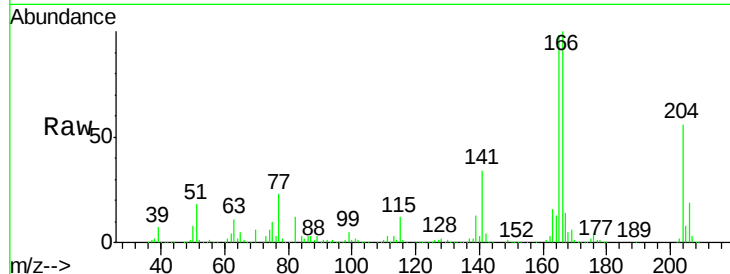




#57
Fluorene
 Concen: 39.349 ng
 RT: 15.37 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: BN002167.D
 Acq: 26 Jul 2018 10:08

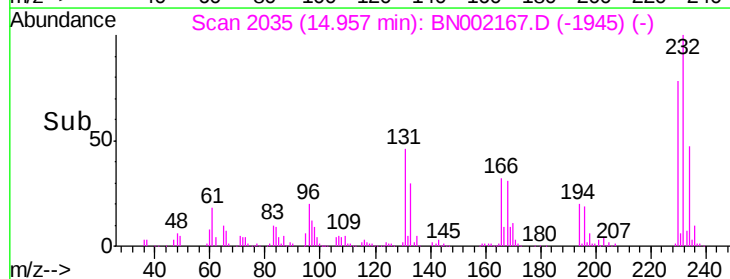
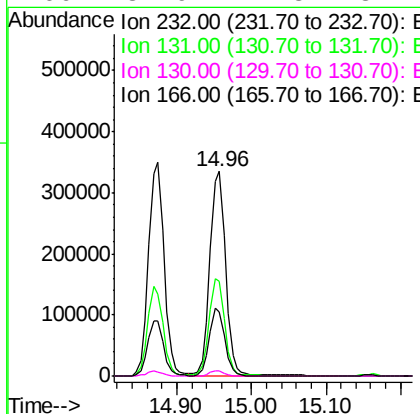
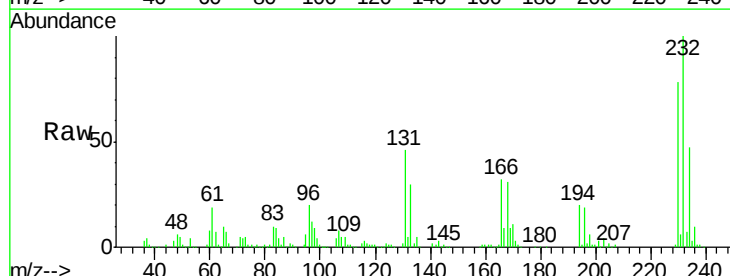
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

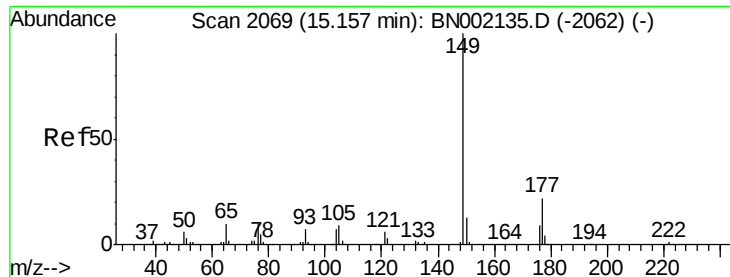
Tgt Ion:166 Resp: 1800264
 Ion Ratio Lower Upper
 166 100
 165 97.5 80.6 121.0
 167 13.9 10.4 15.6



#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.644 ng
 RT: 14.96 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BN002167.D
 Acq: 26 Jul 2018 10:08

Tgt Ion:232 Resp: 491327
 Ion Ratio Lower Upper
 232 100
 131 47.2 33.5 50.3
 130 2.3 2.2 3.2
 166 31.9 24.8 37.2

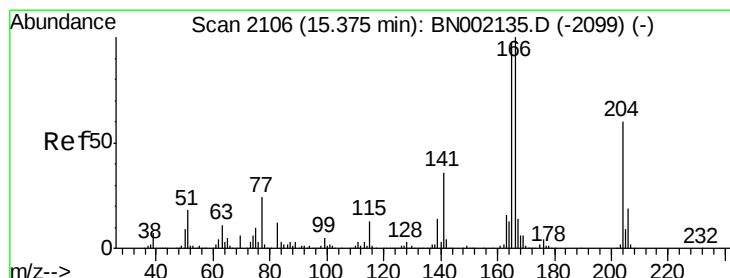
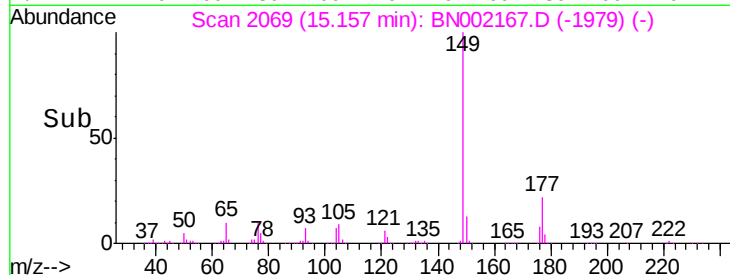
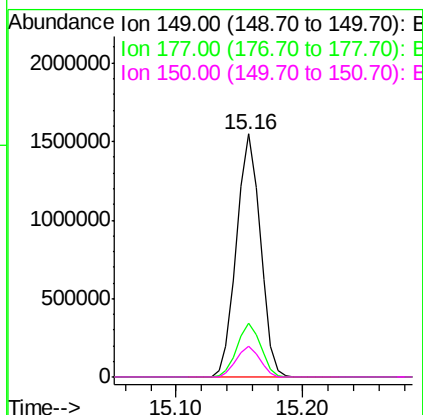
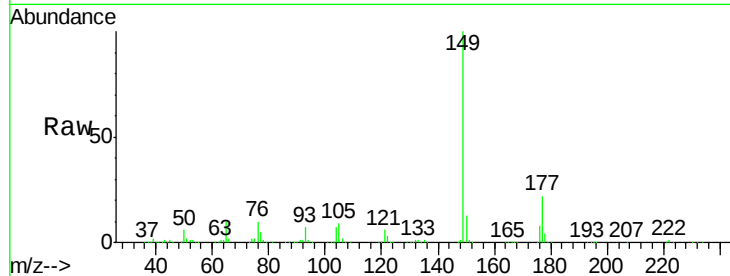




#59
Diethylphthalate
Concen: 39.427 ng
RT: 15.16 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BN002167.D
Acq: 26 Jul 2018 10:08

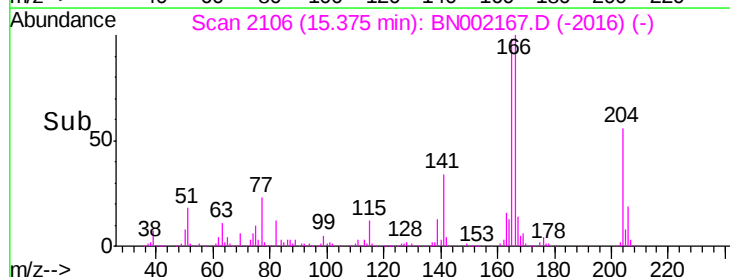
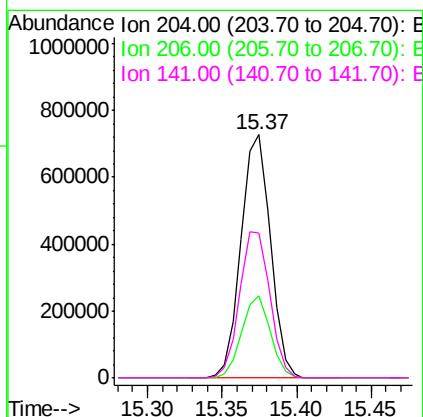
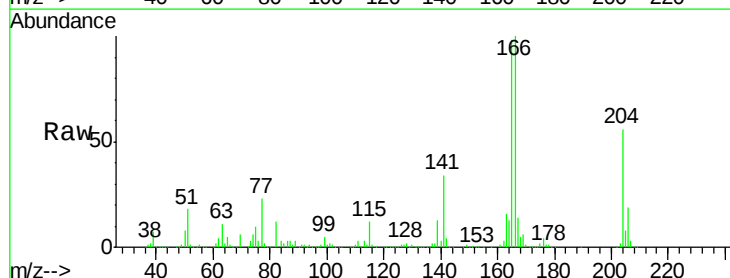
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

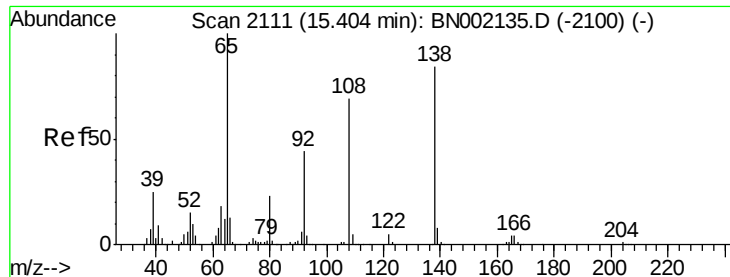
Tgt Ion:149 Resp: 2010105
Ion Ratio Lower Upper
149 100
177 22.2 18.5 27.7
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.363 ng
RT: 15.37 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BN002167.D
Acq: 26 Jul 2018 10:08

Tgt Ion:204 Resp: 996507
Ion Ratio Lower Upper
204 100
206 33.9 26.2 39.2
141 59.8 45.8 68.6

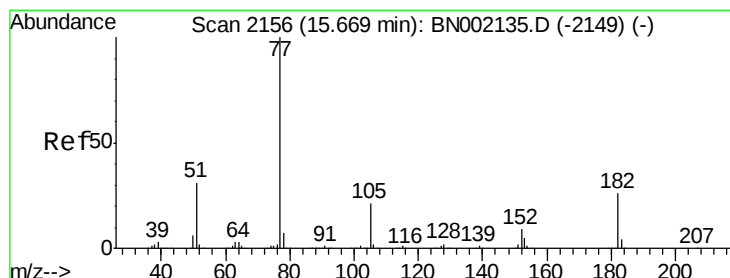
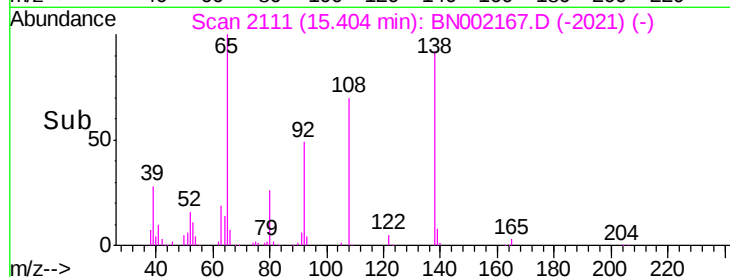
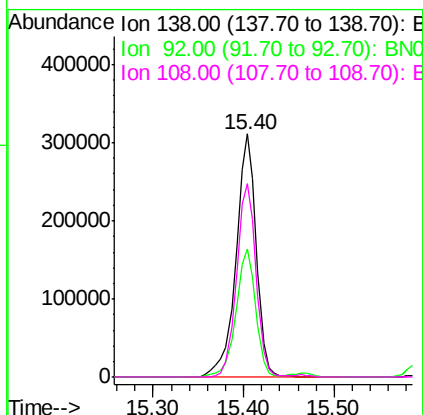
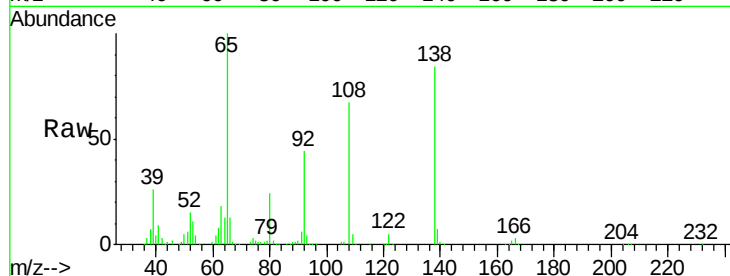




#61
4-Nitroaniline
Concen: 39.679 ng
RT: 15.40 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BN002167.D
Acq: 26 Jul 2018 10:08

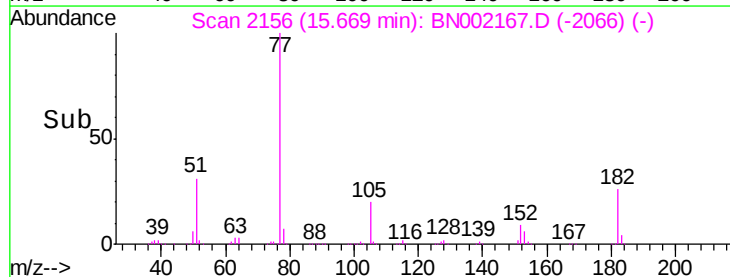
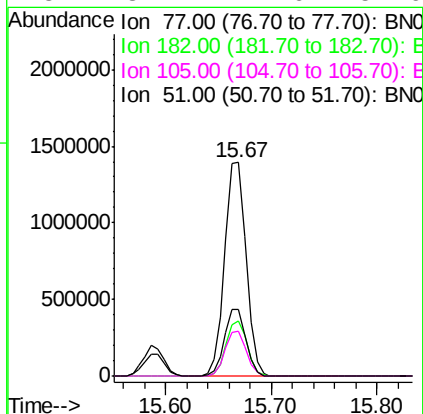
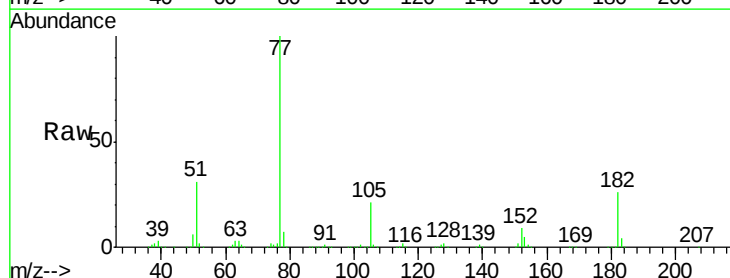
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

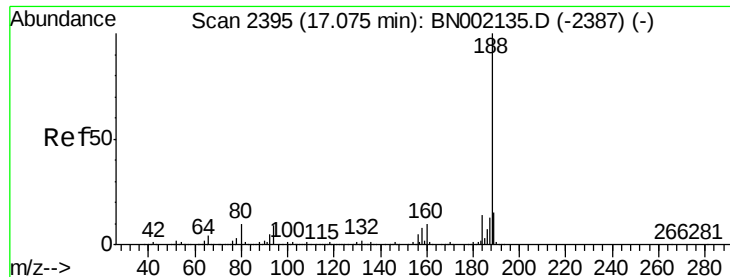
Tgt Ion:138 Resp: 487706
Ion Ratio Lower Upper
138 100
92 53.0 40.1 80.1
108 79.6 65.4 105.4



#62
Azobenzene
Concen: 40.197 ng
RT: 15.67 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BN002167.D
Acq: 26 Jul 2018 10:08

Tgt Ion: 77 Resp: 1966419
Ion Ratio Lower Upper
77 100
182 26.0 7.4 47.4
105 20.9 0.3 40.3
51 31.1 11.6 51.6

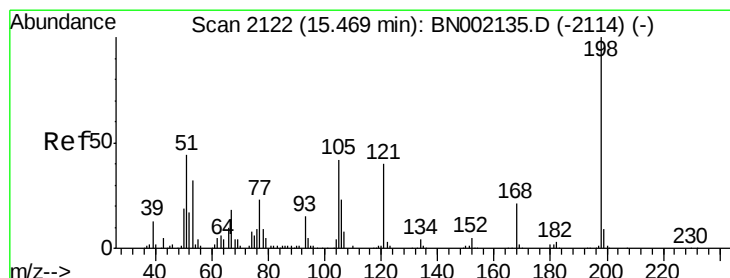
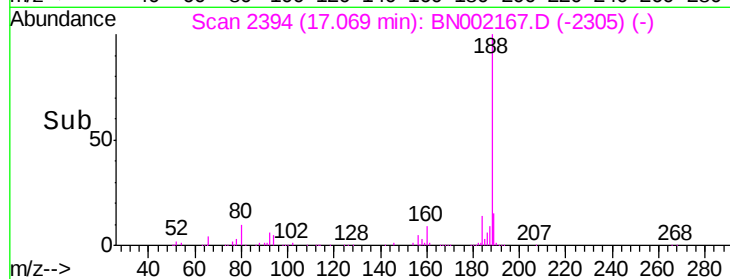
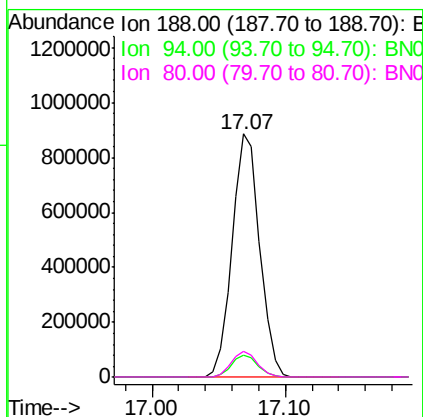
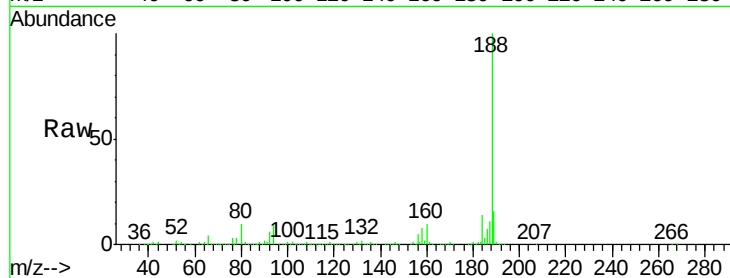




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BN002167.D
Acq: 26 Jul 2018 10:08

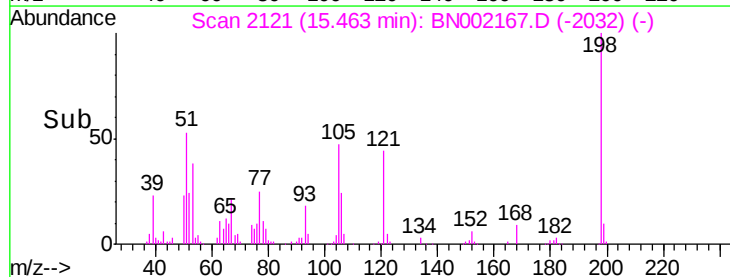
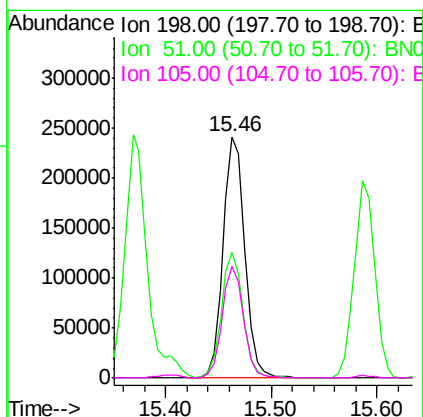
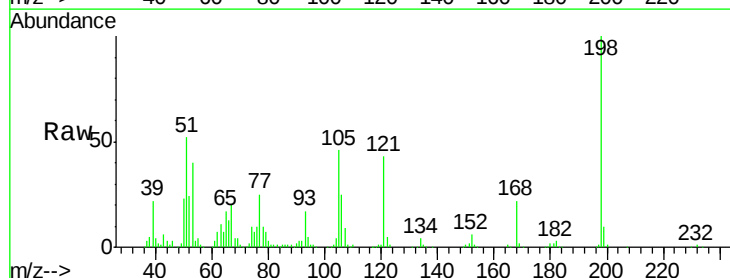
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

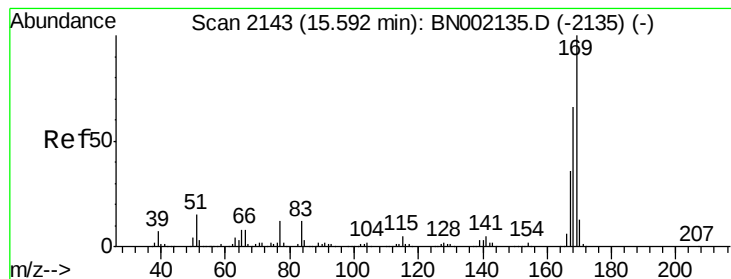
Tgt Ion:188 Resp: 1272546
Ion Ratio Lower Upper
188 100
94 9.1 6.9 10.3
80 10.5 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 40.268 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BN002167.D
Acq: 26 Jul 2018 10:08

Tgt Ion:198 Resp: 345956
Ion Ratio Lower Upper
198 100
51 52.2 30.6 70.6
105 46.1 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 40.345 ng

RT: 15.59 min Scan# 2143

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

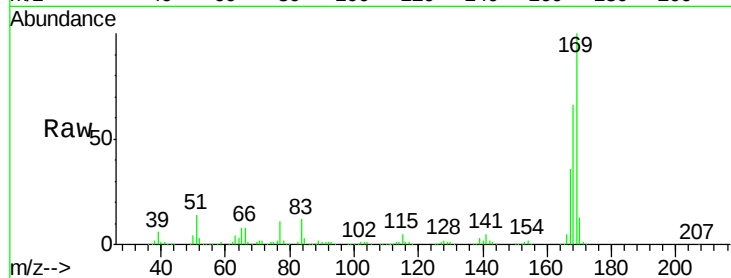
Tgt Ion:169 Resp: 1703637

Ion Ratio Lower Upper

169 100

168 66.4 55.7 83.5

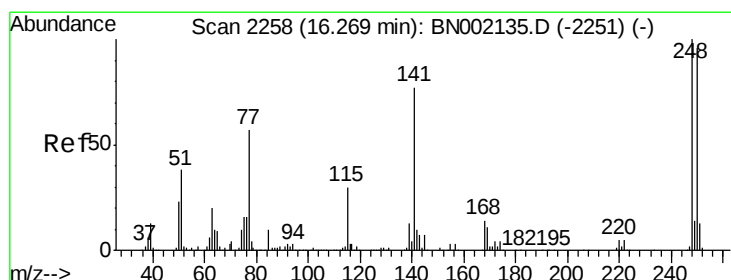
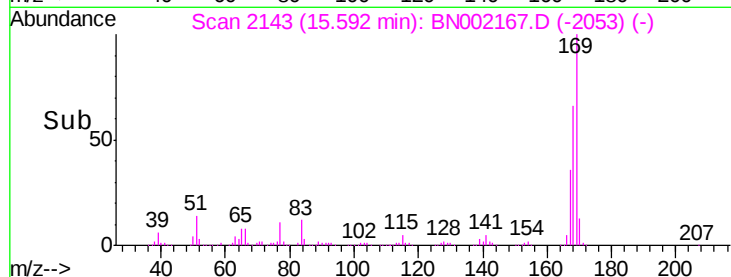
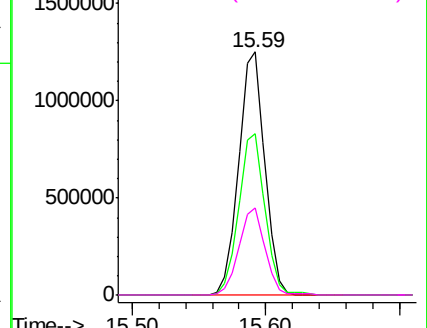
167 35.8 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.994 ng

RT: 16.27 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

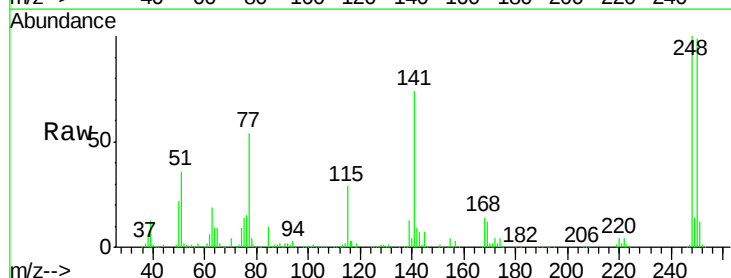
Tgt Ion:248 Resp: 595796

Ion Ratio Lower Upper

248 100

250 99.2 77.1 115.7

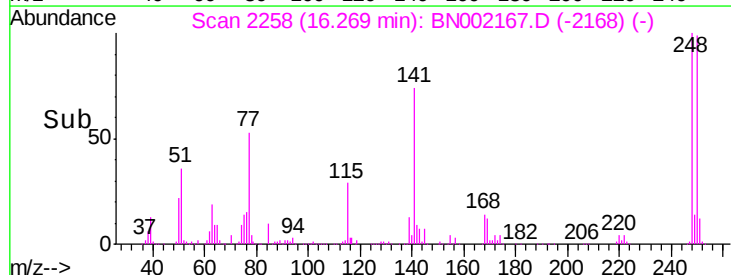
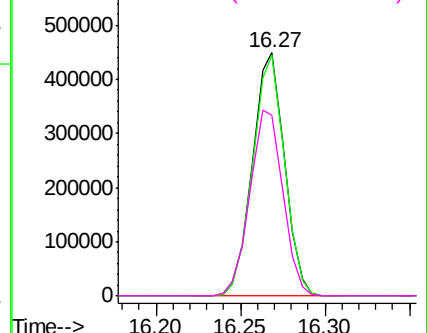
141 74.4 50.8 76.2

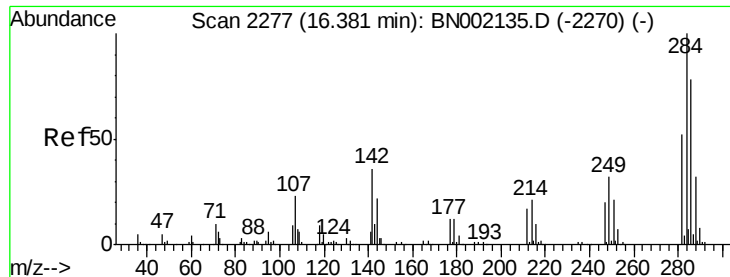


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.075 ng

RT: 16.38 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

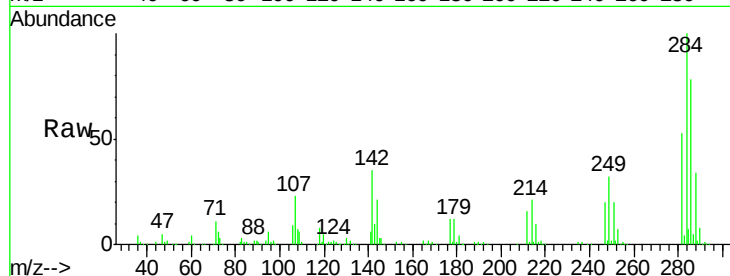
Tgt Ion:284 Resp: 660344

Ion Ratio Lower Upper

284 100

142 35.3 26.8 40.2

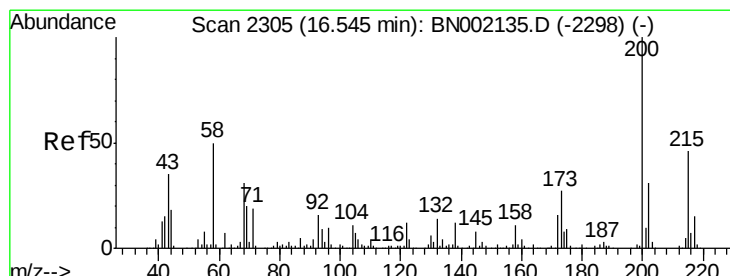
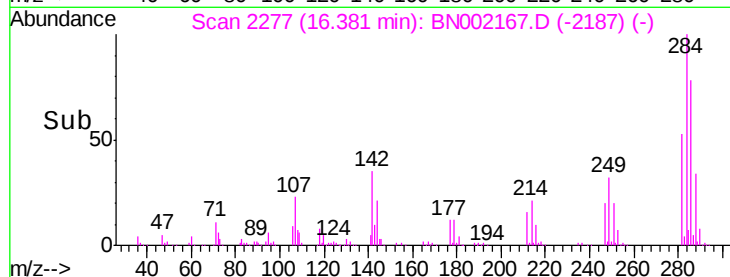
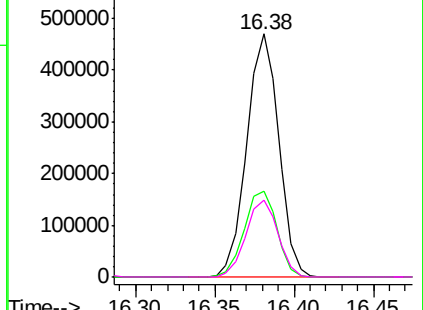
249 31.7 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.324 ng

RT: 16.55 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

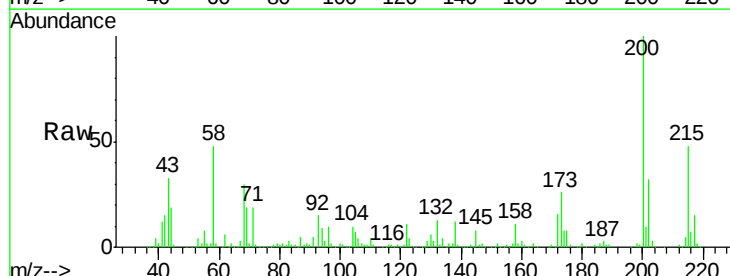
Tgt Ion:200 Resp: 573287

Ion Ratio Lower Upper

200 100

173 26.3 5.2 45.2

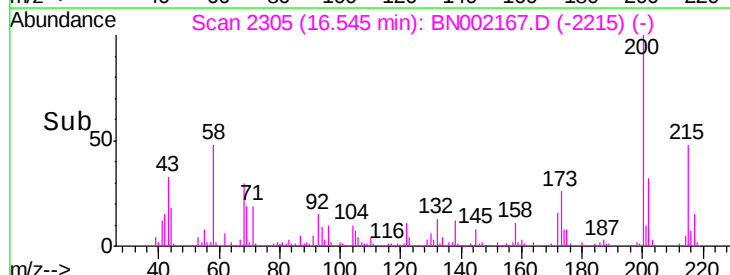
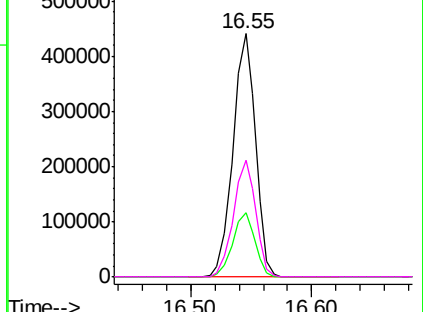
215 48.0 30.4 70.4

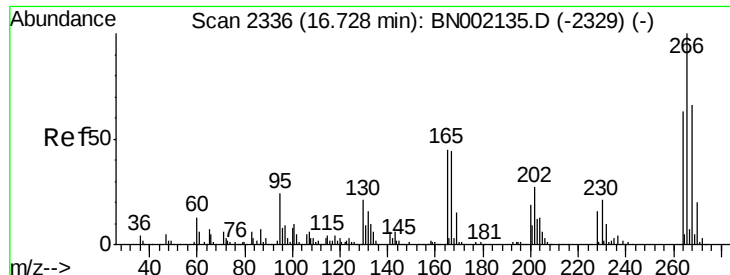


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 40.435 ng

RT: 16.73 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

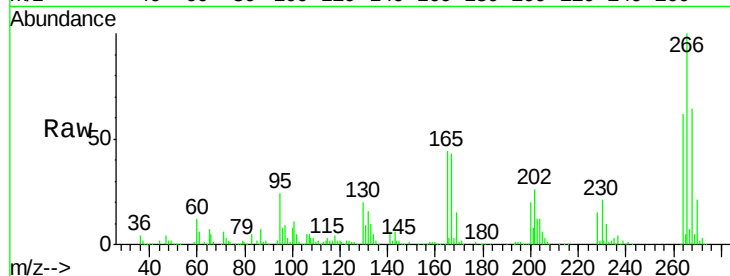
Tgt Ion:266 Resp: 428873

Ion Ratio Lower Upper

266 100

268 63.9 51.1 76.7

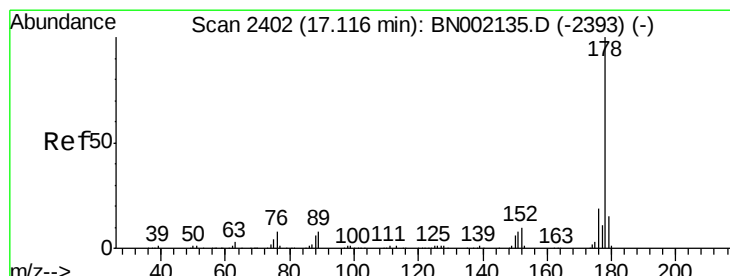
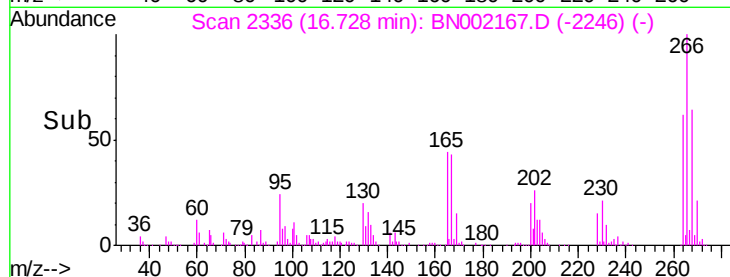
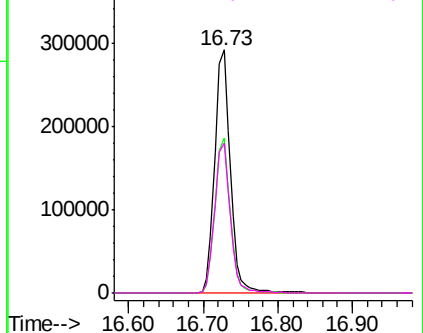
264 61.9 49.6 74.4



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: 39.591 ng

RT: 17.12 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

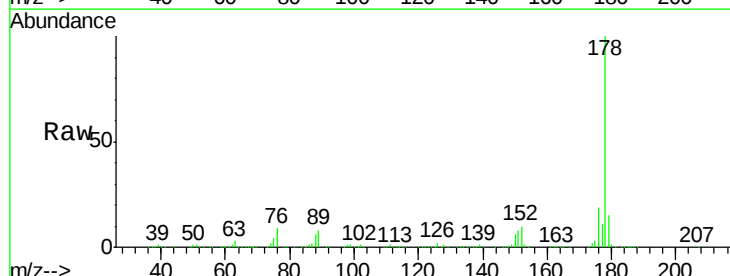
Tgt Ion:178 Resp: 2749986

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

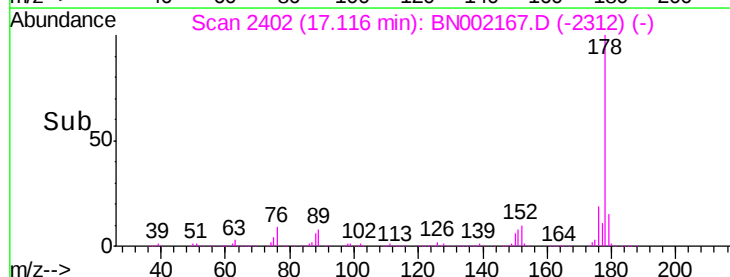
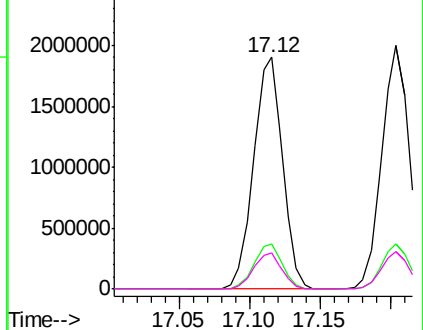
179 15.4 12.5 18.7

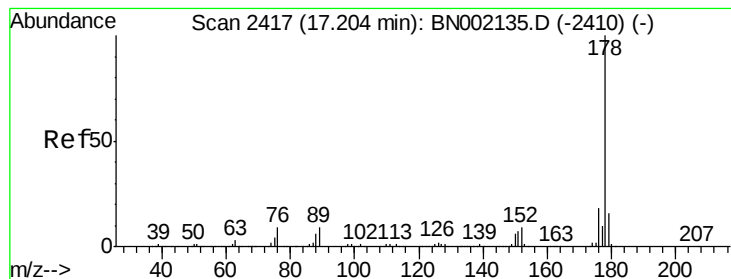


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.614 ng

RT: 17.20 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

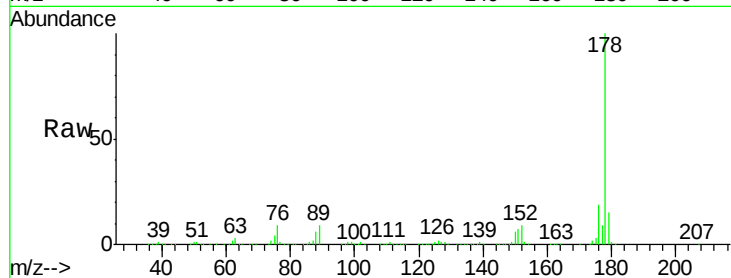
Tgt Ion:178 Resp: 2723475

Ion Ratio Lower Upper

178 100

176 18.6 16.0 24.0

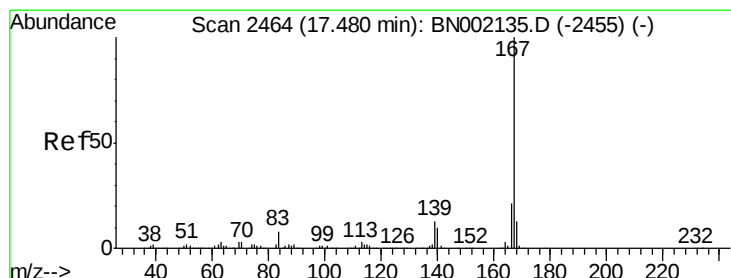
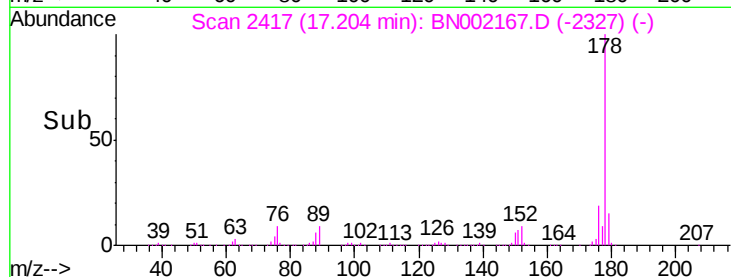
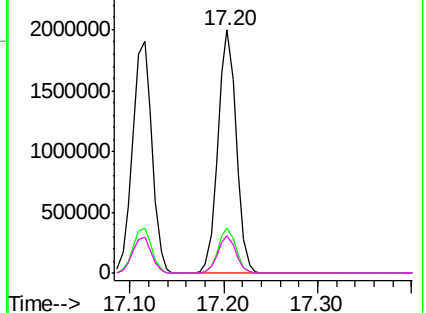
179 15.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.051 ng

RT: 17.47 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

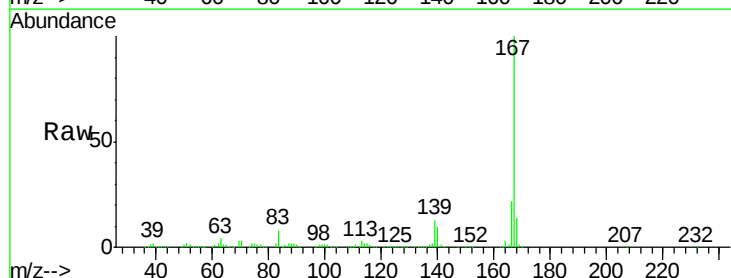
Tgt Ion:167 Resp: 2693959

Ion Ratio Lower Upper

167 100

166 21.6 18.2 27.4

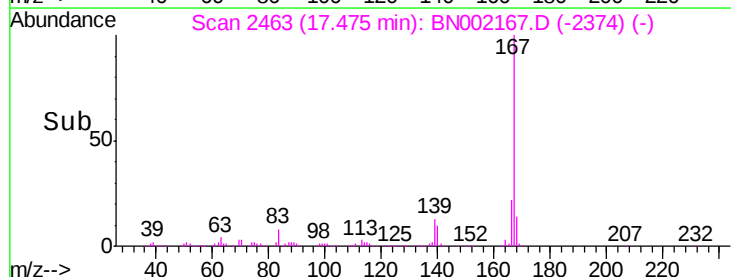
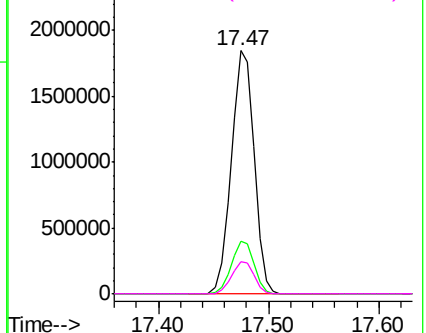
139 13.2 9.4 14.2

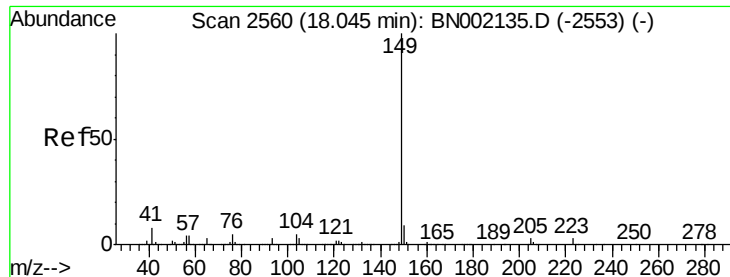


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

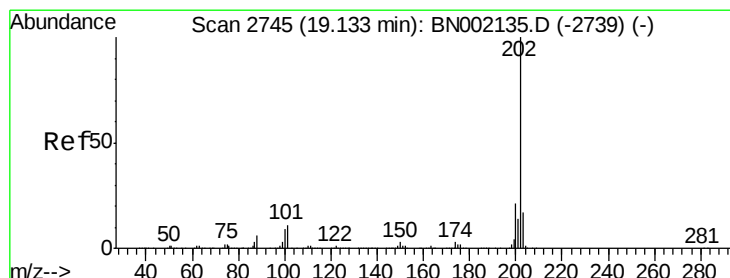
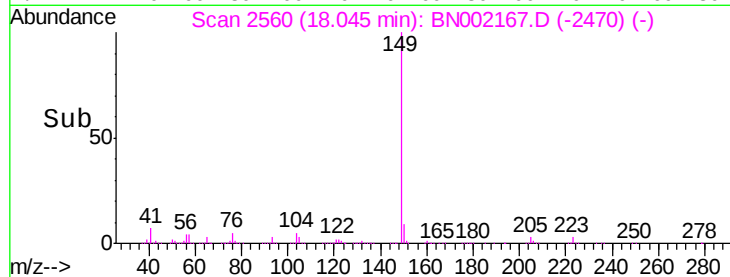
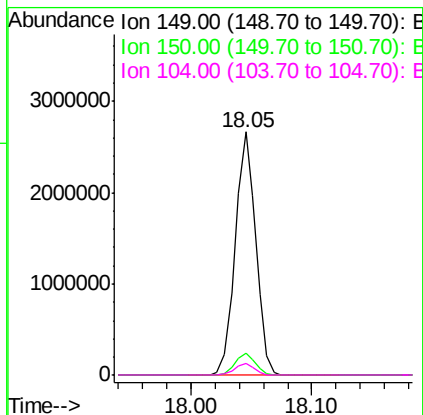
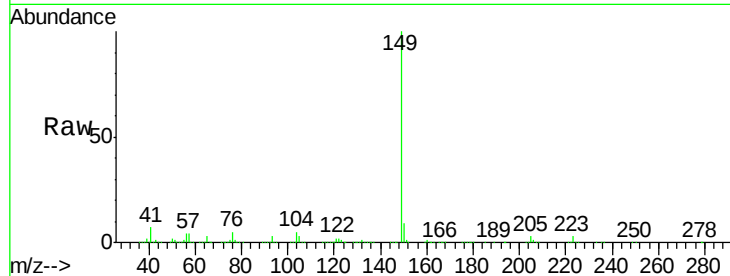




#73
Di-n-butylphthalate
Concen: 39.218 ng
RT: 18.05 min Scan# 2560
Delta R.T. 0.00 min
Lab File: BN002167.D
Acq: 26 Jul 2018 10:08

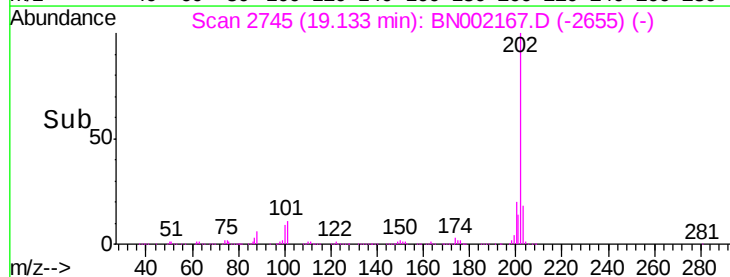
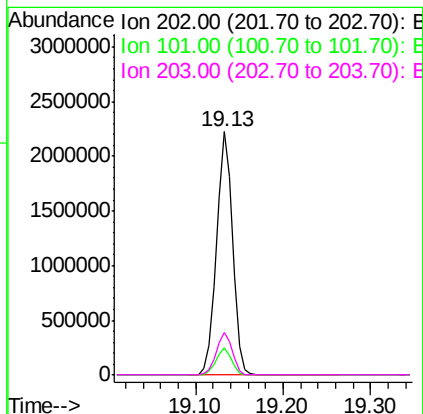
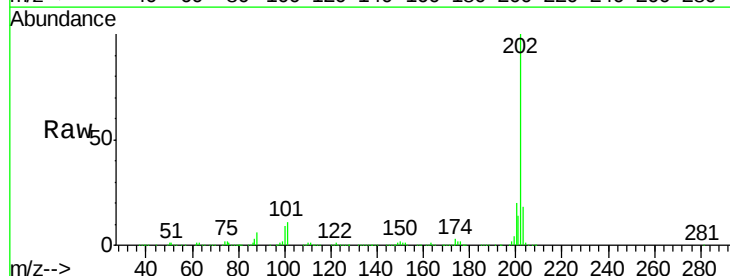
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

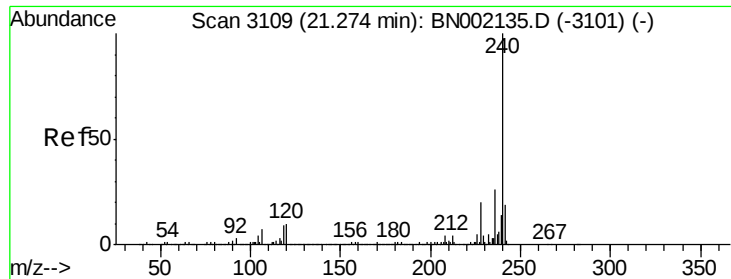
Tgt Ion:149 Resp: 3155807
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 5.0 3.9 5.9



#74
Fluoranthene
Concen: 37.780 ng
RT: 19.13 min Scan# 2745
Delta R.T. 0.00 min
Lab File: BN002167.D
Acq: 26 Jul 2018 10:08

Tgt Ion:202 Resp: 2849162
Ion Ratio Lower Upper
202 100
101 11.3 0.0 28.9
203 17.6 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

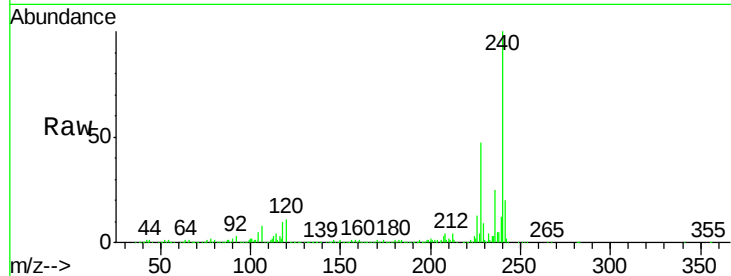
Tgt Ion:240 Resp: 1002213

Ion Ratio Lower Upper

240 100

120 10.9 6.8 10.2#

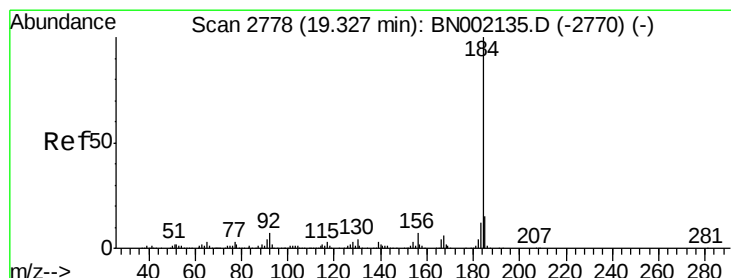
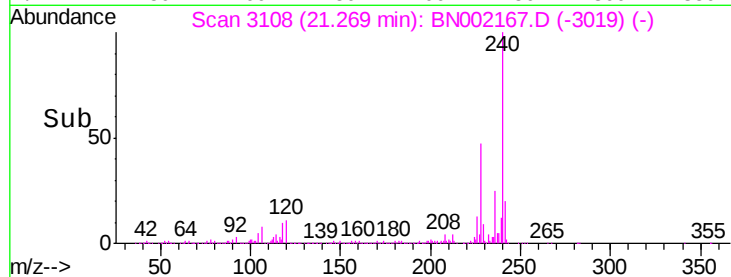
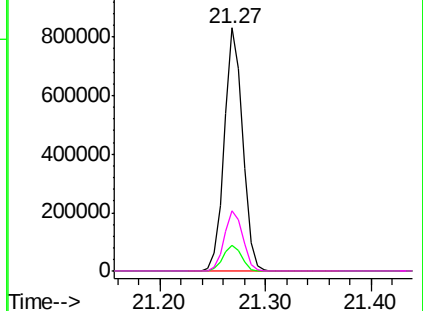
236 24.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.318 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

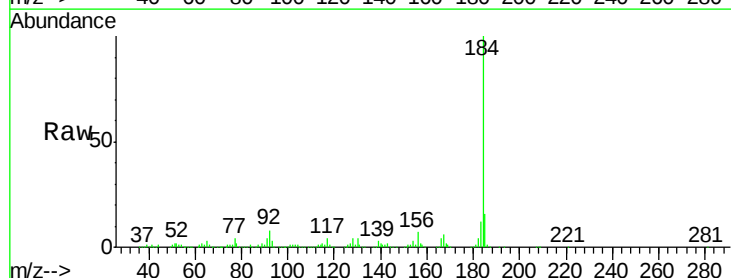
Tgt Ion:184 Resp: 1383279

Ion Ratio Lower Upper

184 100

185 15.9 11.1 16.7

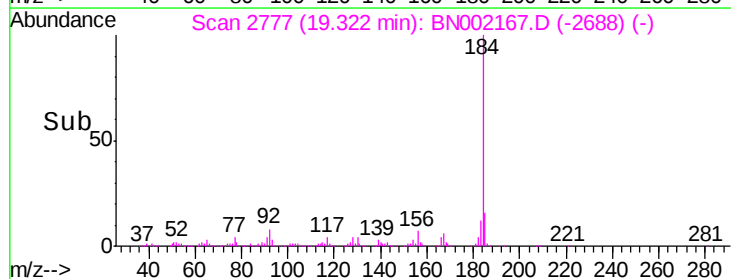
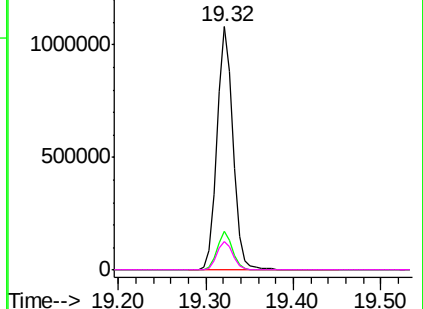
183 12.0 10.6 16.0

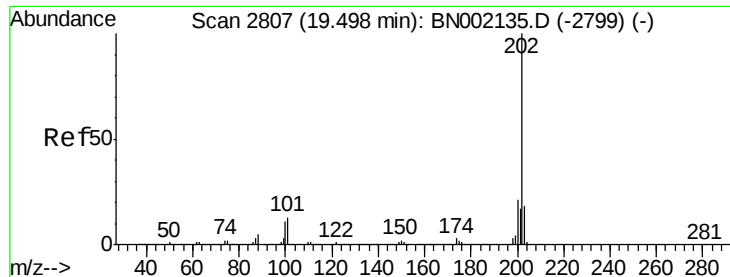


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

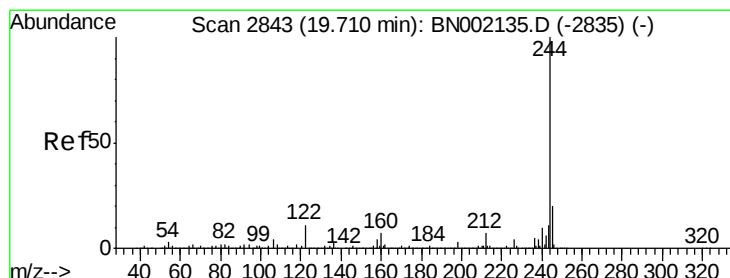
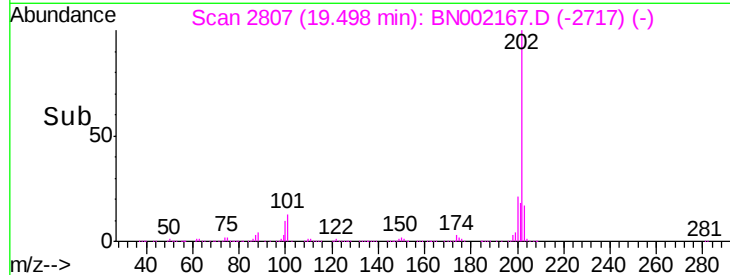
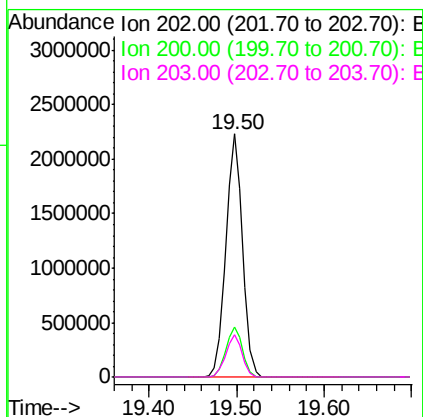
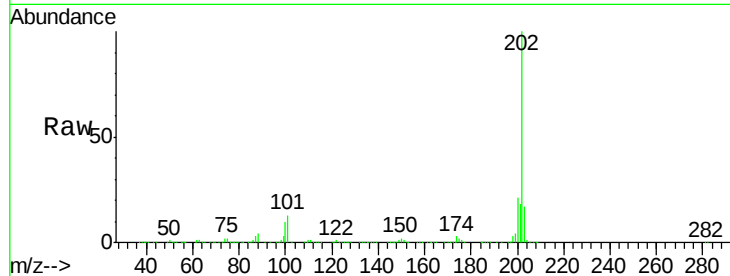




#77
 Pyrene
 Concen: 42.310 ng
 RT: 19.50 min Scan# 2807
 Delta R.T. 0.00 min
 Lab File: BN002167.D
 Acq: 26 Jul 2018 10:08

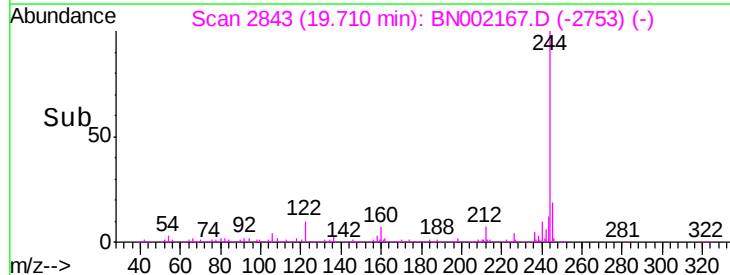
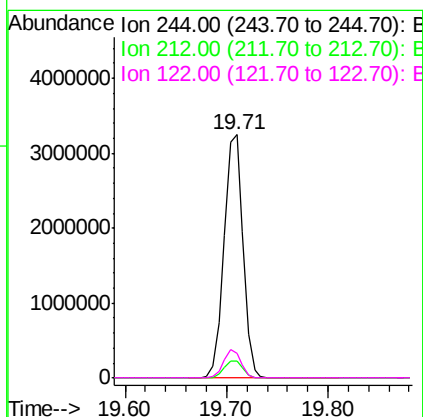
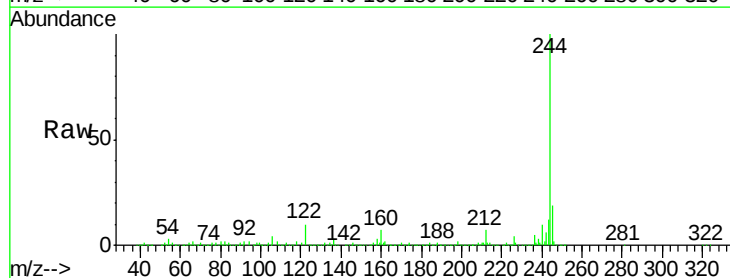
Instrument :
 BNA_N
 ClientSampleId :
 SSTDC040

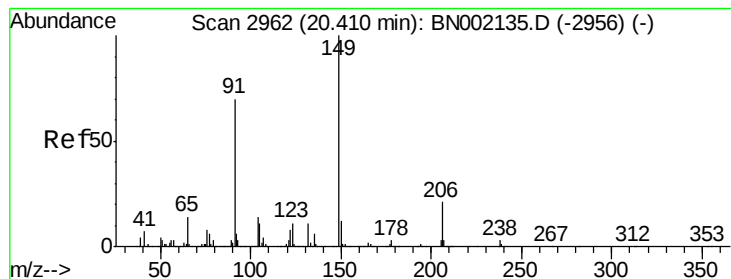
Tgt Ion:202 Resp: 2924267
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.9 25.3
 203 17.4 13.9 20.9



#78
 Terphenyl-d14
 Concen: 87.695 ng
 RT: 19.71 min Scan# 2843
 Delta R.T. 0.00 min
 Lab File: BN002167.D
 Acq: 26 Jul 2018 10:08

Tgt Ion:244 Resp: 4214017
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 10.1 7.0 10.4





#79

Butylbenzylphthalate

Concen: 40.267 ng

RT: 20.41 min Scan# 2962

Delta R.T. 0.00 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

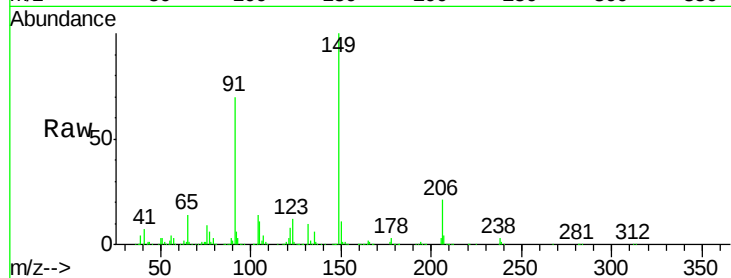
Tgt Ion:149 Resp: 1211456

Ion Ratio Lower Upper

149 100

91 69.8 62.2 93.2

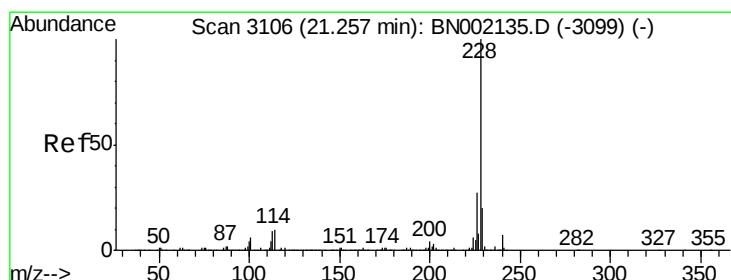
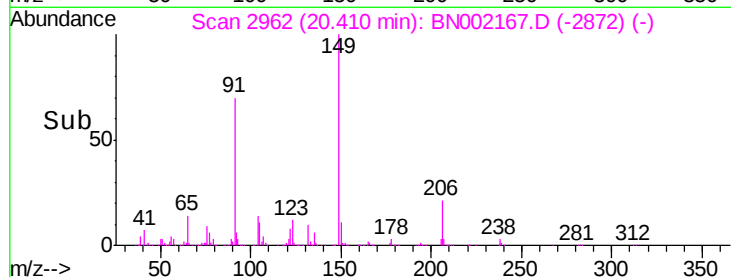
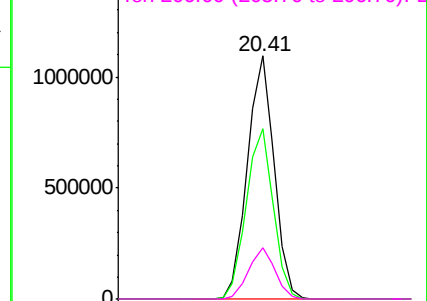
206 21.2 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNA

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.212 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

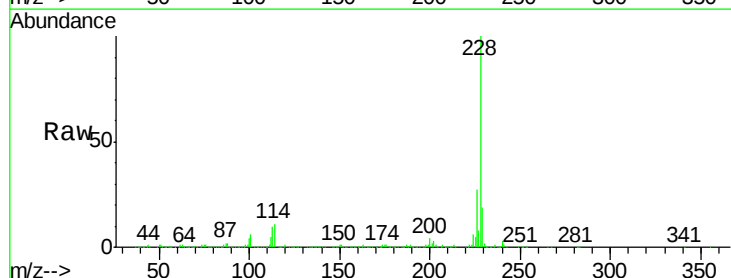
Tgt Ion:228 Resp: 2395231

Ion Ratio Lower Upper

228 100

226 26.9 22.7 34.1

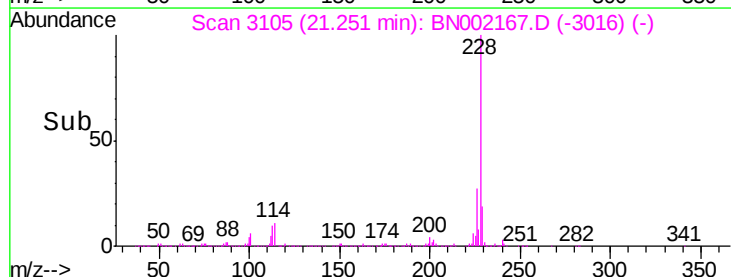
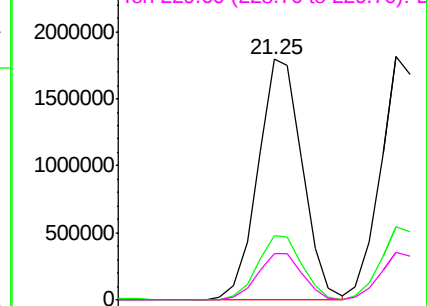
229 19.4 16.2 24.2

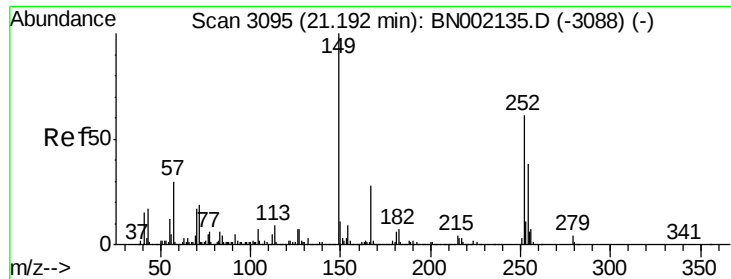


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

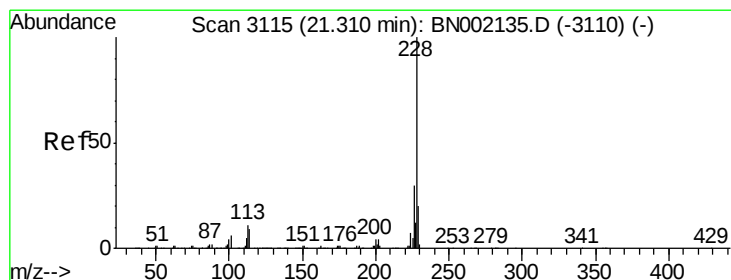
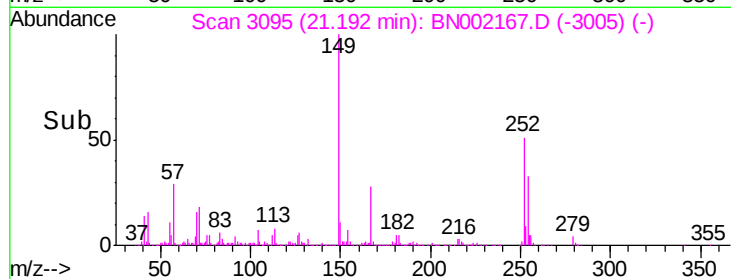
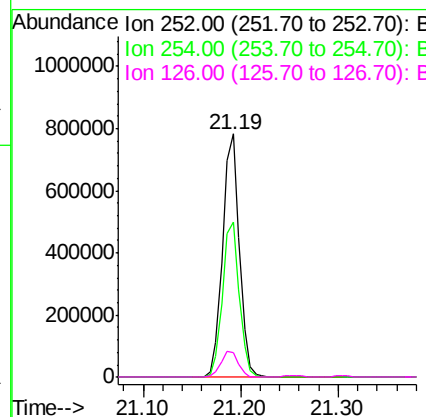
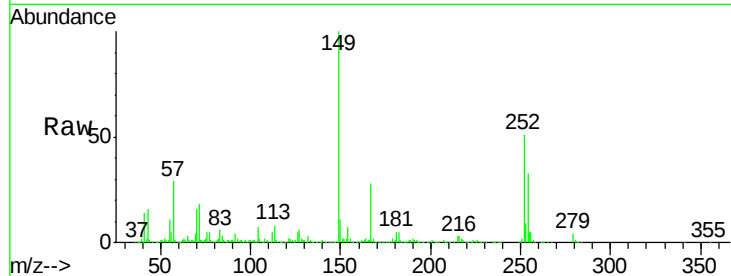




#81
 3,3'-Dichlorobenzidine
 Concen: 39.217 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. 0.00 min
 Lab File: BN002167.D
 Acq: 26 Jul 2018 10:08

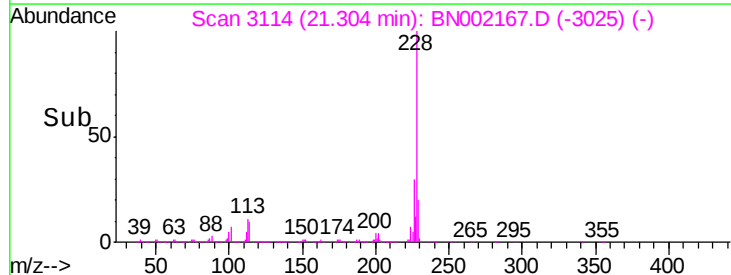
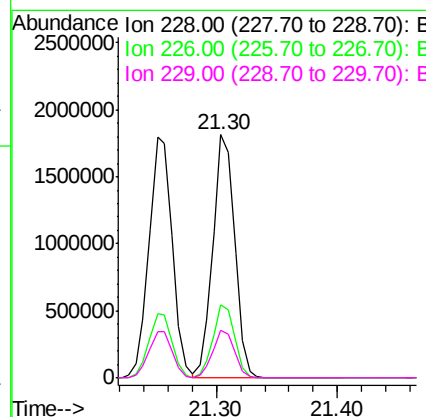
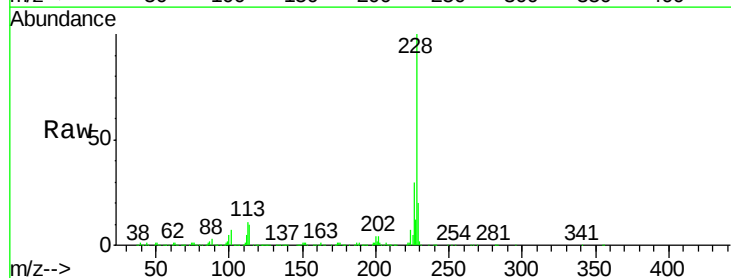
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

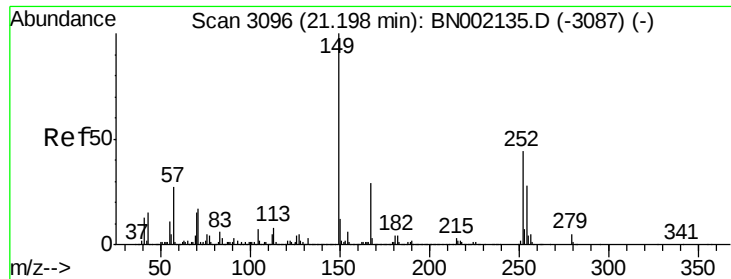
Tgt Ion: 252 Resp: 933272
 Ion Ratio Lower Upper
 252 100
 254 63.6 50.8 76.2
 126 10.4 7.4 11.2



#82
 Chrysene
 Concen: 38.833 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BN002167.D
 Acq: 26 Jul 2018 10:08

Tgt Ion: 228 Resp: 2258553
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.9 37.3
 229 19.8 15.0 22.4

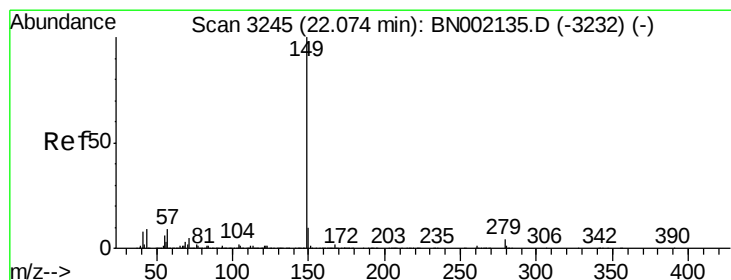
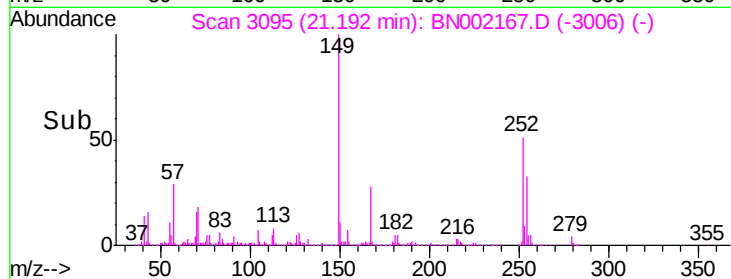
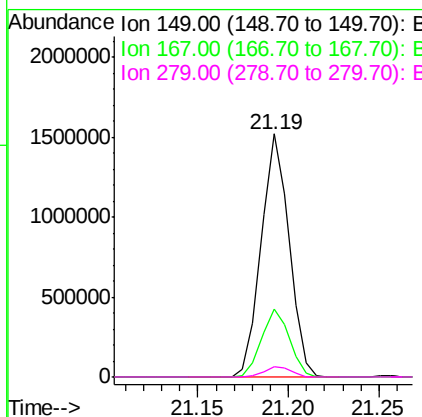
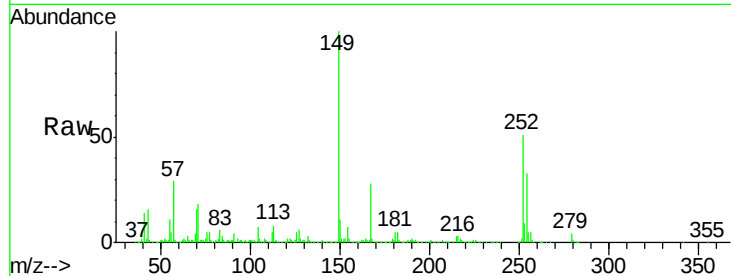




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.001 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BN002167.D
 Acq: 26 Jul 2018 10:08

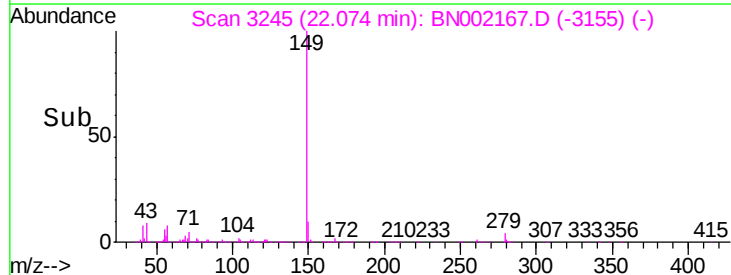
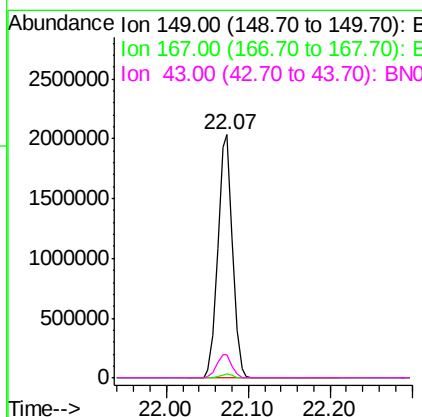
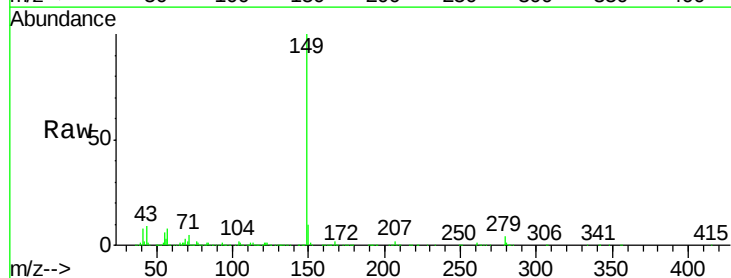
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

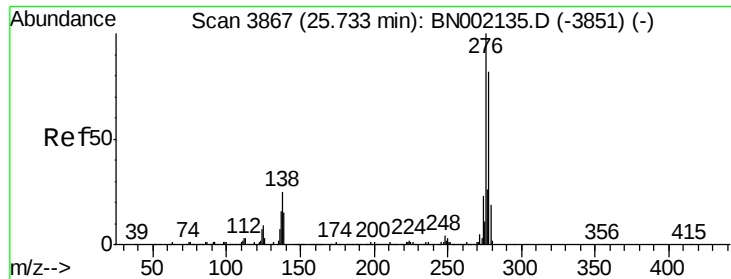
Tgt Ion:149 Resp: 1636258
 Ion Ratio Lower Upper
 149 100
 167 28.0 24.3 36.5
 279 4.2 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 37.951 ng
 RT: 22.07 min Scan# 3245
 Delta R.T. 0.00 min
 Lab File: BN002167.D
 Acq: 26 Jul 2018 10:08

Tgt Ion:149 Resp: 2524537
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 10.1 8.9 13.3

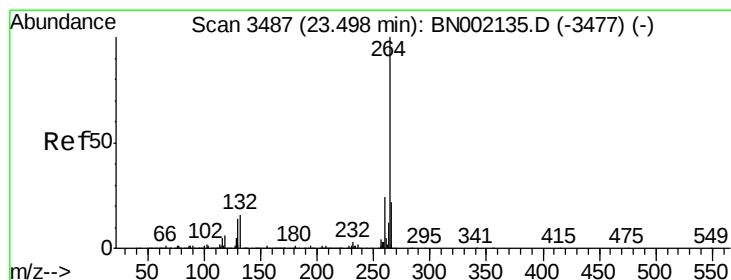
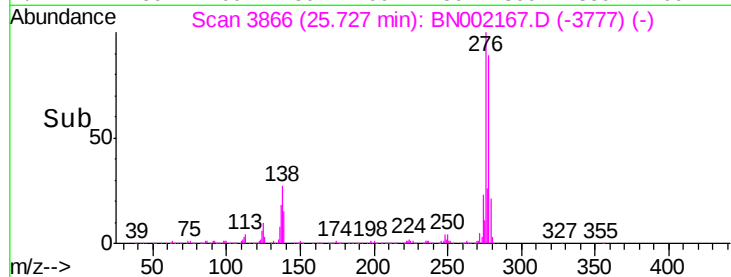
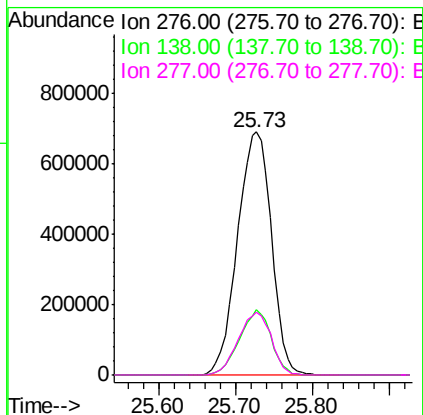
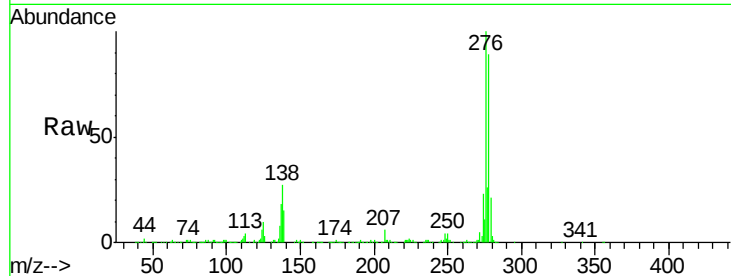




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.755 ng
 RT: 25.73 min Scan# 3866
 Delta R.T. -0.01 min
 Lab File: BN002167.D
 Acq: 26 Jul 2018 10:08

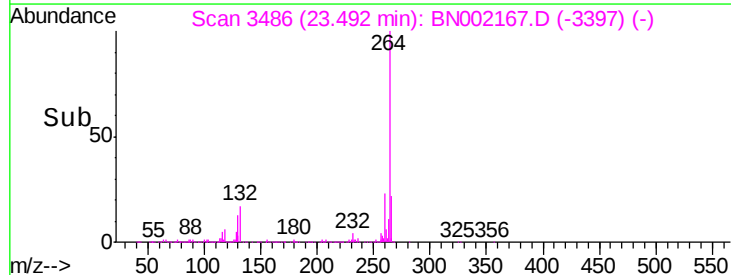
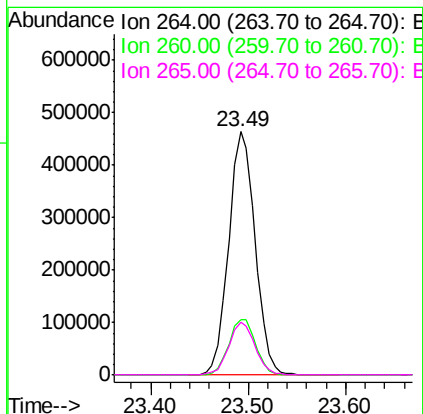
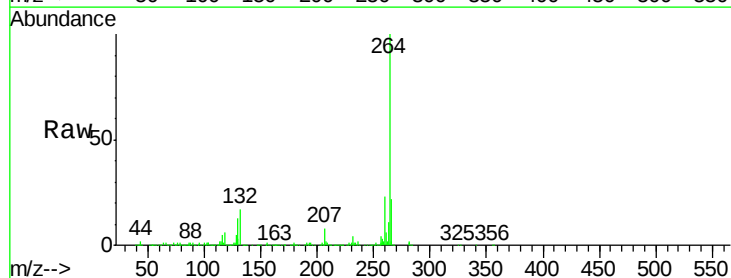
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

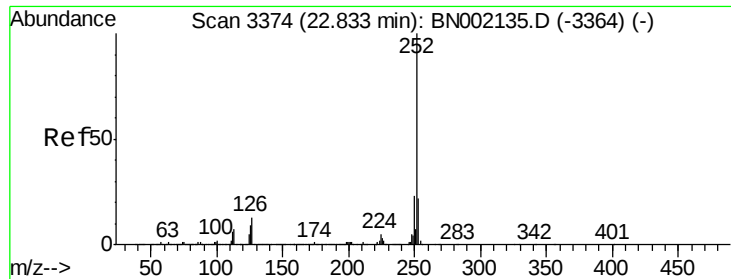
Tgt Ion:276 Resp: 2140884
 Ion Ratio Lower Upper
 276 100
 138 25.4 16.0 24.0#
 277 25.3 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.49 min Scan# 3486
 Delta R.T. -0.01 min
 Lab File: BN002167.D
 Acq: 26 Jul 2018 10:08

Tgt Ion:264 Resp: 871496
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.4 26.0
 265 21.8 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 38.863 ng

RT: 22.83 min Scan# 3374

Delta R.T. 0.00 min

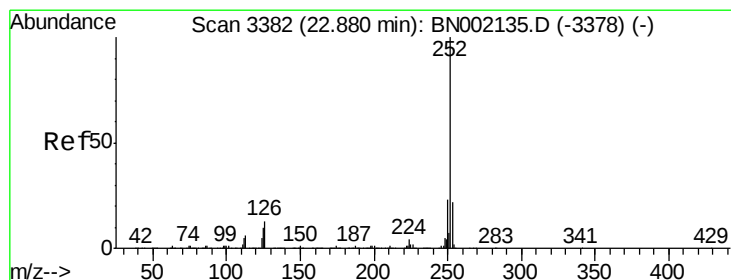
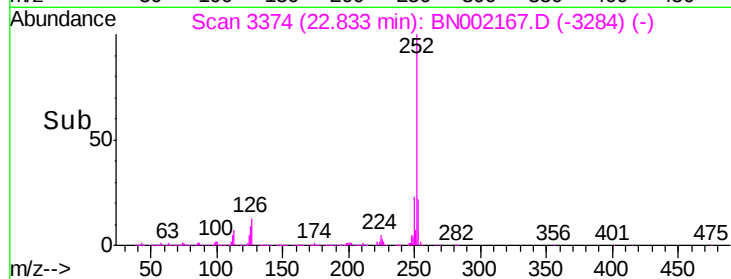
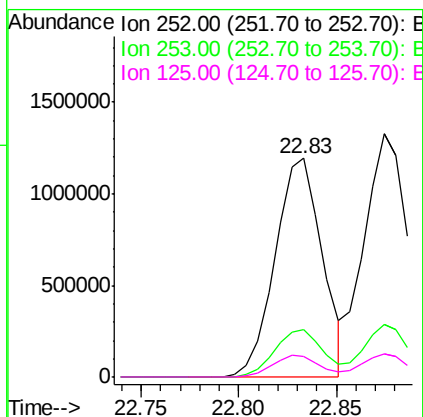
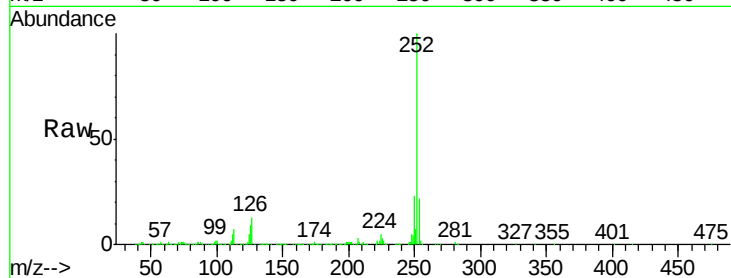
Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1998861

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	9.5	7.2	10.8



#88

Benzo(k)fluoranthene

Concen: 41.204 ng

RT: 22.87 min Scan# 3381

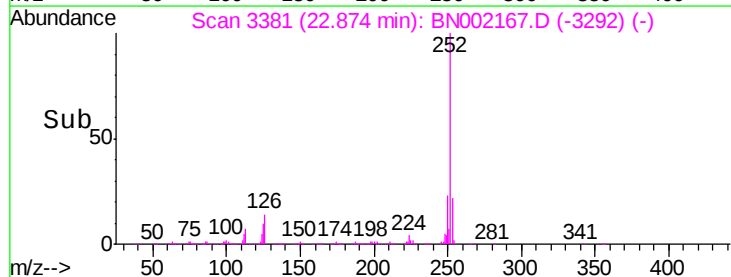
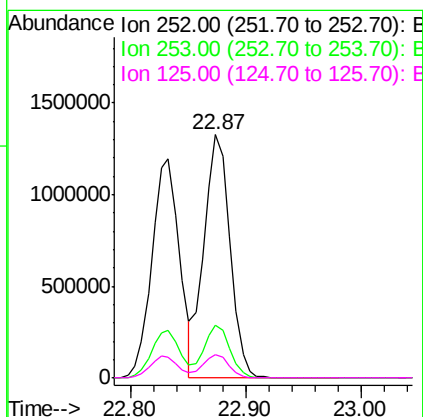
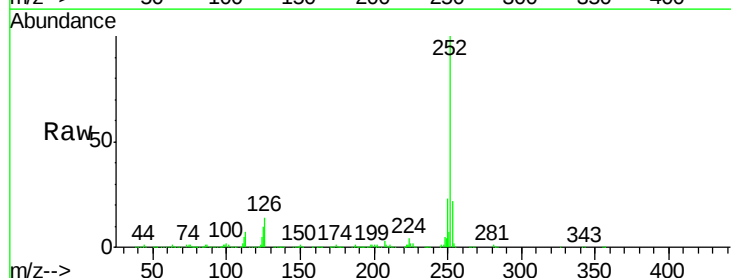
Delta R.T. -0.01 min

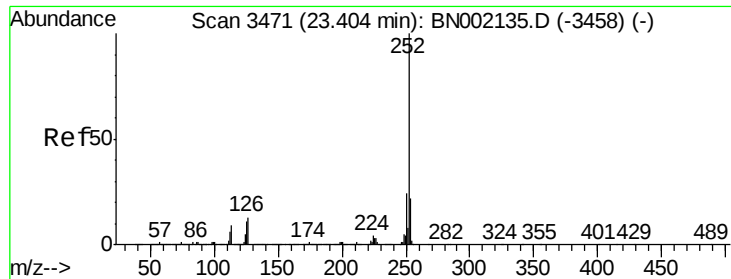
Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Tgt Ion:252 Resp: 2087136

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	9.7	6.6	9.8





#89

Benzo(a)pyrene

Concen: 40.050 ng

RT: 23.40 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

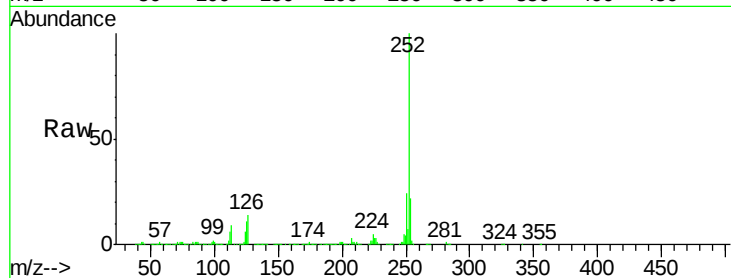
Tgt Ion:252 Resp: 1923762

Ion Ratio Lower Upper

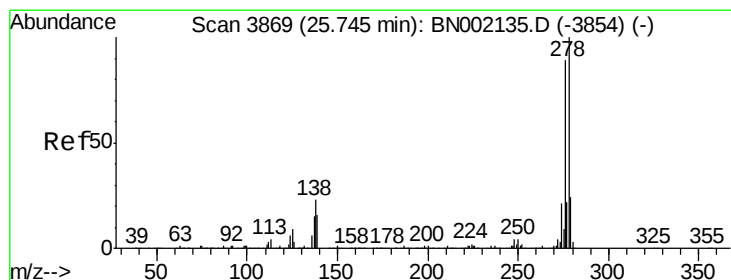
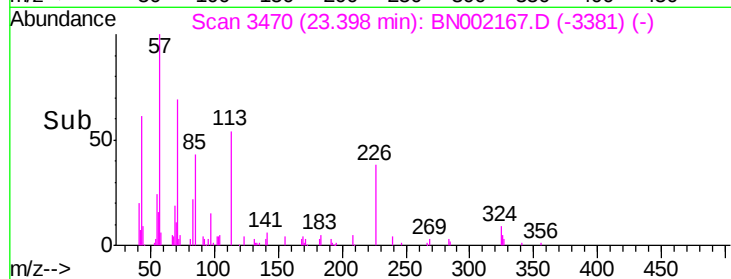
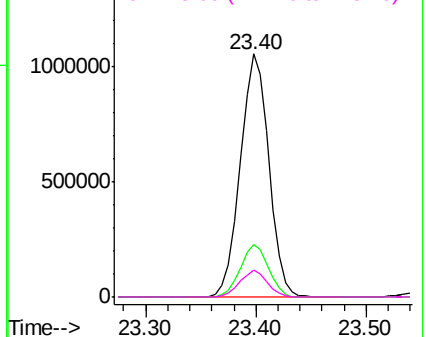
252 100

253 21.7 18.3 27.5

125 11.1 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: 40.213 ng

RT: 25.74 min Scan# 3868

Delta R.T. -0.01 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

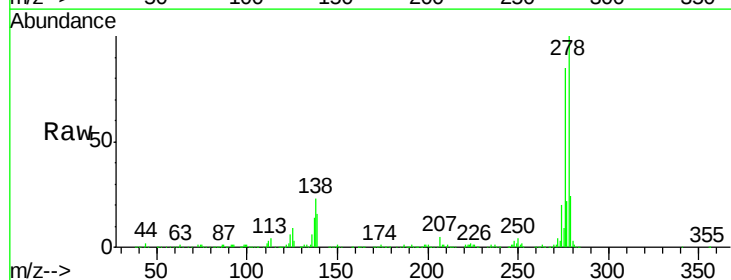
Tgt Ion:278 Resp: 1813536

Ion Ratio Lower Upper

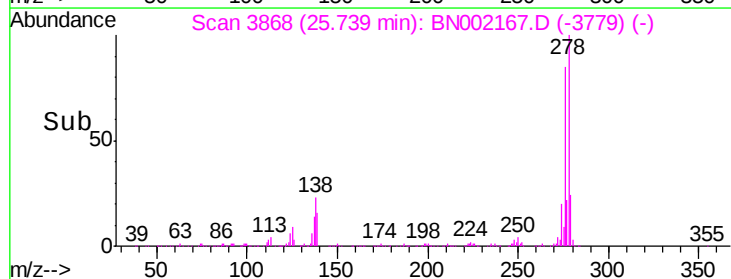
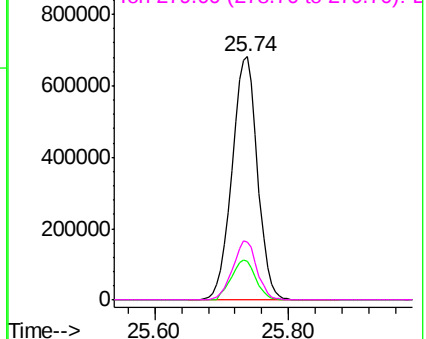
278 100

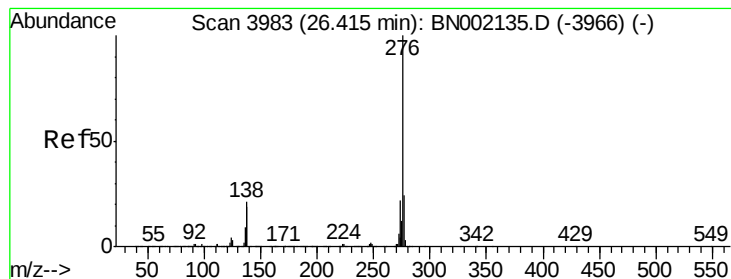
139 16.0 9.8 14.6#

279 24.0 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.408 ng

RT: 26.41 min Scan# 3982

Delta R.T. -0.01 min

Lab File: BN002167.D

Acq: 26 Jul 2018 10:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040

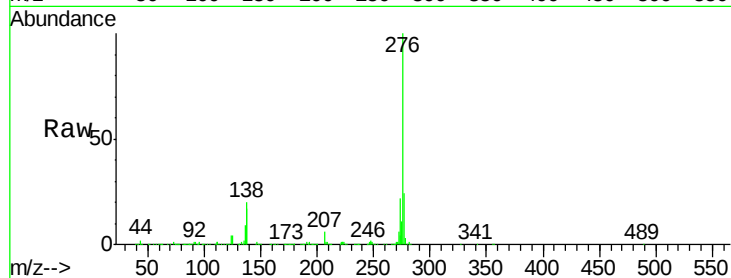
Tgt Ion:276 Resp: 1761131

Ion Ratio Lower Upper

276 100

277 23.6 18.3 27.5

138 19.6 13.9 20.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

