

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032018\
 Data File : BN000510.D
 Acq On : 21 Mar 2018 01:19
 Operator : JU/SJ
 Sample : J1905-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 21 02:38:34 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 21 00:17:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	204820	20.00	ng/ul	0.01
18) Naphthalene-d8	11.27	136	710339	20.00	ng/ul	0.02
35) Acenaphthene-d10	15.05	164	349646	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.79	188	13755	20.00	ng/ul	0.03
75) Chrysene-d12	21.89	240	630328	20.00	ng/ul	0.01
83) Perylene-d12	24.38	264	663856	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	33462	5.84	ng/uL	0.00
5) Phenol-d5	7.58	99	7019	0.37	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.73	67	283523	25.72	ng/ul	0.01
9) 2-Chlorophenol-d4	8.01	132	221490	15.33	ng/ul	0.07
13) 4-Methylphenol-d8	9.15	113	3158	0.21	ng/ul	0.04
19) Nitrobenzene-d5	9.62	128	183326	31.78	ng/ul	0.02
22) 2-Nitrophenol-d4	10.35	143	142314	23.81	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.92	165	292463	27.30	ng/ul	0.06
29) 4-Chloroaniline-d4	11.42	131	10140	0.92	ng/ul	0.04
43) Dimethylphthalate-d6	14.48	166	724666	26.23	ng/ul	0.05
46) Acenaphthylene-d8	14.75	160	937598	25.73	ng/ul	0.01
51) 4-Nitrophenol-d4	15.24	143	33247	6.48	ng/ul	0.03
57) Fluorene-d10	16.05	176	627624	26.66	ng/ul	0.04
62) 4,6-Dinitro-2-methylphenol	16.15	200	102188	1297.19	ng/ul	0.02
70) Anthracene-d10	17.86	188	7953	12.03	ng/ul	0.00
76) Pyrene-d10	20.14	212	889684	25.57	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.22	264	850762	27.15	ng/ul	0.01

Target Compounds

				Ovalue	
4) Benzaldehyde	7.54	77	83338	10.697	ng/ul# 1
6) Phenol	7.75	94	98969	5.077	ng/ul 96
11) 2-Methylphenol	8.91	108	21198	1.483	ng/ul# 1
12) 2,2'-oxybis(1-Chloropropan	8.98	45	122214	7.330	ng/ul# 75
14) Acetophenone	9.24	105	1205030	54.463	ng/ul# 32
16) 4-Methylphenol	9.28	108	33067	2.160	ng/ul 95
17) Hexachloroethane	9.55	117	181150	29.431	ng/ul# 1
20) Nitrobenzene	9.64	77	33104	2.324	ng/ul# 21
21) Isophorone	10.21	82	7286420	268.393	ng/ul# 92
23) 2-Nitrophenol	10.35	139	8669	1.349	ng/ul# 1
24) 2,4-Dimethylphenol	10.48	107	98030	7.080	ng/ul# 69
25) Bis(2-Chloroethoxy)methane	10.70	93	304372	17.752	ng/ul# 62
28) Naphthalene	11.32	128	570812	15.302	ng/ul# 94
30) 4-Chloroaniline	11.46	127	29956	2.684	ng/ul# 7
32) Caprolactam	12.20	113	23060	6.067	ng/ul# 1
33) 4-Chloro-3-methylphenol	12.52	107	35644	2.916	ng/ul# 43
34) 2-Methylnaphthalene	12.90	142	582330	23.382	ng/ul 98
38) 2,4,6-Trichlorophenol	13.52	196	392705	55.115	ng/ul 98
39) 2,4,5-Trichlorophenol	13.52	196	394645	53.119	ng/ul 97
40) 1,1'-Biphenyl	13.88	154	37472	1.259	ng/ul# 11
42) 2-Nitroaniline	14.15	65	19974	2.873	ng/ul# 1
44) Dimethylphthalate	14.49	163	194084	7.103	ng/ul# 80
45) 2,6-Dinitrotoluene	14.58	165	20876	3.791	ng/ul# 1

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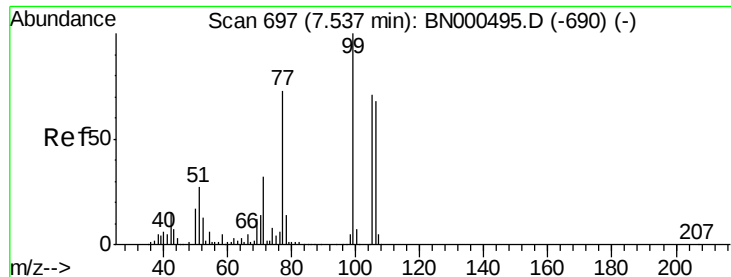
Instrument :
 BNA_N
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

47) Acenaphthylene	14.77	152	92906	2.602	ng/ul#	54
48) 3-Nitroaniline	14.95	138	7484	1.408	ng/ul#	1
49) Acenaphthene	15.11	153	138311	5.682	ng/ul	99
50) 2,4-Dinitrophenol	15.16	184	31661	12.188	ng/ul#	1
52) 4-Nitrophenol	15.27	109	39416	9.944	ng/ul#	29
53) Dibenzofuran	15.44	168	51625	1.562	ng/ul#	1
54) 2,4-Dinitrotoluene	15.42	165	20225	2.591	ng/ul#	38
55) 2,3,4,6-Tetrachlorophenol	15.61	232	2558116	450.901	ng/ul#	80
56) Diethylphthalate	15.79	149	63301	2.270	ng/ul#	81
58) Fluorene	16.11	166	136058	5.179	ng/ul#	88
60) 4-Nitroaniline	16.00	138	20037	3.355	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	16.18	198	481967	5795.277	ng/ul#	87
64) N-Nitrosodiphenylamine	16.29	169	77767	171.618	ng/ul#	55
65) 4-Bromophenyl-phenylether	16.97	248	277	1.976	ng/ul#	1
66) Hexachlorobenzene	17.08	284	2308	15.590	ng/ul#	1
67) Atrazine	17.20	200	285	2.085	ng/ul#	1
68) Pentachlorophenol	17.48	266	8660410	110810.645	ng/ul	96
69) Phenanthrene	17.81	178	15763	19.892	ng/ul#	1
71) Anthracene	17.96	178	913518	1124.290	ng/ul#	90
72) Carbazole	18.19	167	1470	2.110	ng/ul#	1
73) Di-n-butylphthalate	18.71	149	12885	13.598	ng/ul#	20
74) Fluoranthene	19.81	202	1085142	1378.078	ng/ul#	76
77) Pyrene	20.17	202	855821	18.589	ng/ul#	73
80) Benzo(a)anthracene	21.88	228	270574	6.443	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.75	149	70453	2.122	ng/ul#	89
82) Chrysene	21.88	228	270702	6.875	ng/ul	95
85) Benzo(b)fluoranthene	23.62	252	239317	5.705	ng/ul#	86
86) Benzo(k)fluoranthene	23.62	252	239317	5.910	ng/ul#	85
88) Benzo(a)pyrene	24.27	252	146081	3.700	ng/ul#	87
89) Indeno(1,2,3-cd)pyrene	26.94	276	77045	1.810	ng/ul#	82
91) Benzo(a,h,i)perylene	27.72	276	64871	1.834	ng/ul#	84

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



#4

Benzaldehyde

Concen: 10.697 ng/ul

RT: 7.54 min Scan# 698

Delta R.T. 0.01 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

Instrument :

BNA_N

ClientSampleId :

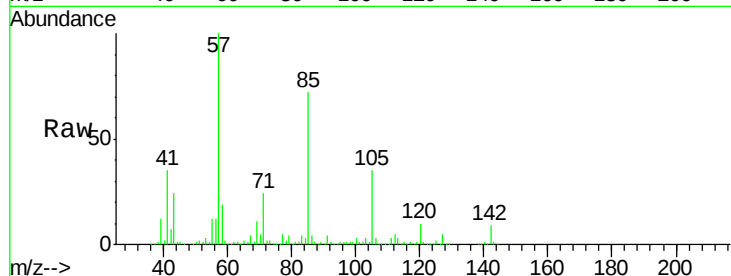
Tot Ion: 77 Resp: 83338

Ion Ratio Lower Upper

77 100

105 693.6 71.0 106.6#

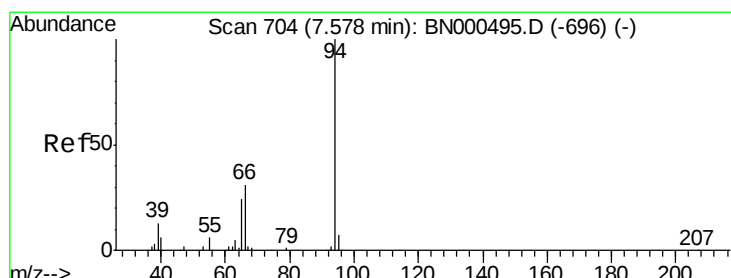
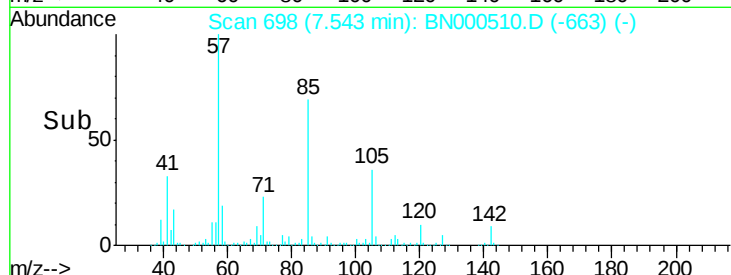
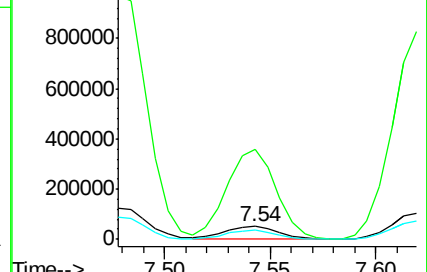
106 68.3 69.5 104.3#



Abundance Ion 77.00 (76.70 to 77.70): BN000495.D (-690) (-)

Ion 105.00 (104.70 to 105.70): BN000495.D (-690) (-)

Ion 106.00 (105.70 to 106.70): BN000495.D (-690) (-)



#6

Phenol

Concen: 5.077 ng/ul

RT: 7.75 min Scan# 734

Delta R.T. 0.18 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

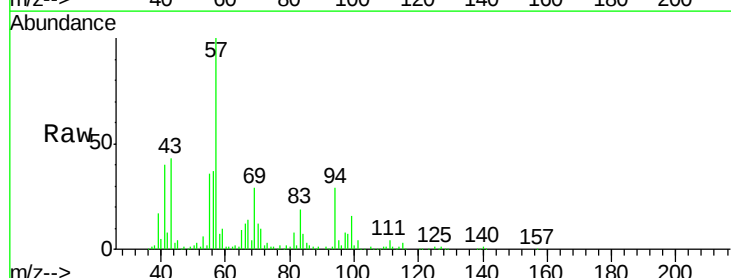
Tgt Ion: 94 Resp: 98969

Ion Ratio Lower Upper

94 100

65 30.3 23.0 34.6

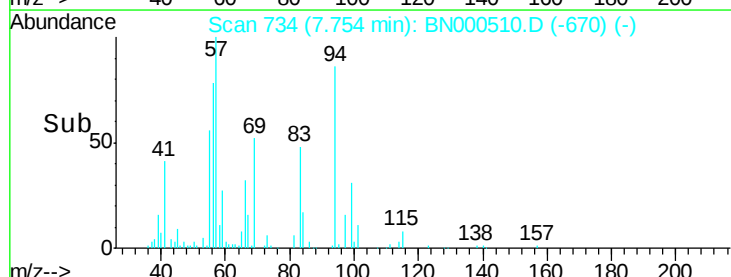
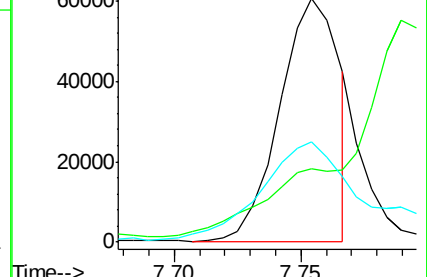
66 41.2 30.4 45.6

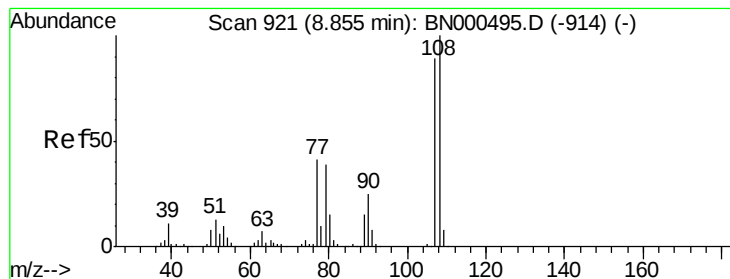


Abundance Ion 94.00 (93.70 to 94.70): BN000495.D (-696) (-)

Ion 65.00 (64.70 to 65.70): BN000495.D (-696) (-)

Ion 66.00 (65.70 to 66.70): BN000495.D (-696) (-)





#11

2-Methylphenol

Concen: 1.483 ng/ul

RT: 8.91 min Scan# 931

Delta R.T. 0.06 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

Instrument :

BNA_N

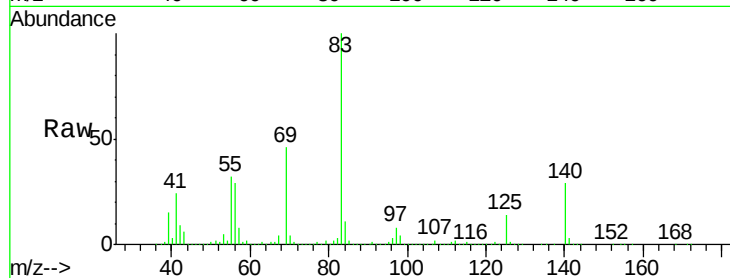
ClientSampled :

Tot Ion:108 Resp: 21198

Ion Ratio Lower Upper

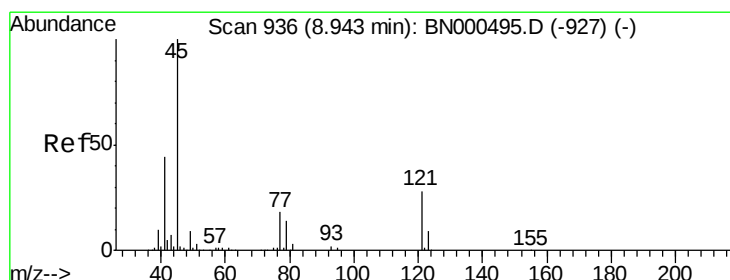
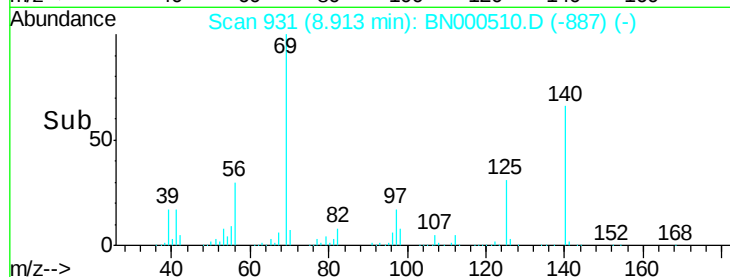
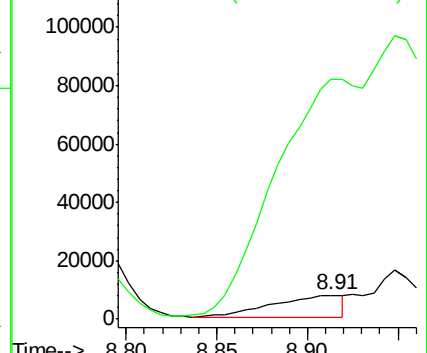
108 100

107 1000.2 74.1 111.1#



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#12

2,2'-oxybis(1-Chloropropane)

Concen: 7.330 ng/ul

RT: 8.98 min Scan# 942

Delta R.T. 0.04 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

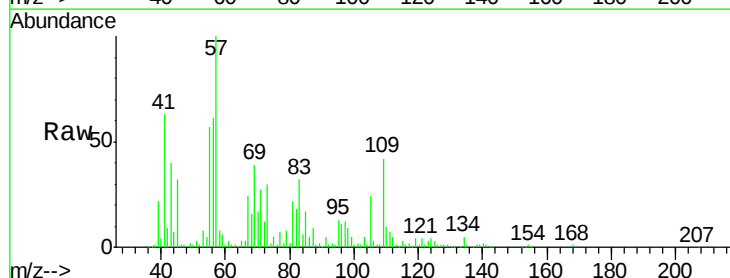
Tgt Ion: 45 Resp: 122214

Ion Ratio Lower Upper

45 100

77 22.6 12.5 18.7#

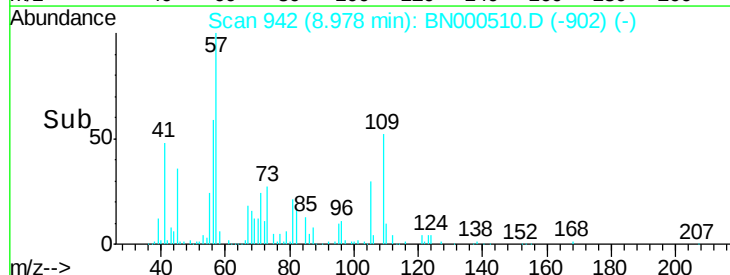
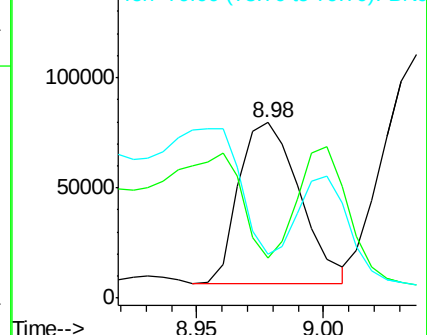
79 25.3 9.4 14.2#

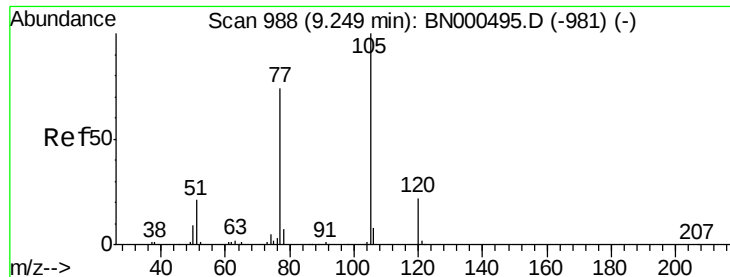


Abundance Ion 45.00 (44.70 to 45.70): BNC

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC





#14

Acetophenone

Concen: 54.463 ng/ul

RT: 9.24 min Scan# 987

Delta R.T. -0.01 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

Instrument :

BNA_N

ClientSampleId :

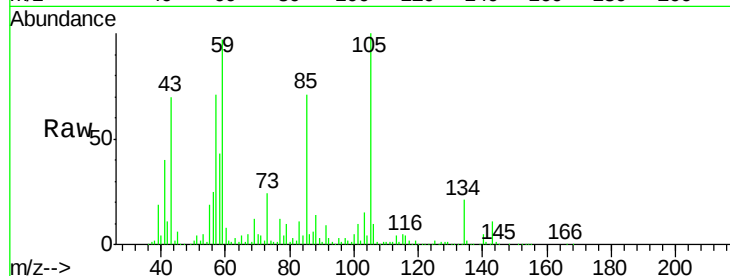
Tot Ion:105 Resp: 1205030

Ion Ratio Lower Upper

105 100

77 12.1 63.2 94.8#

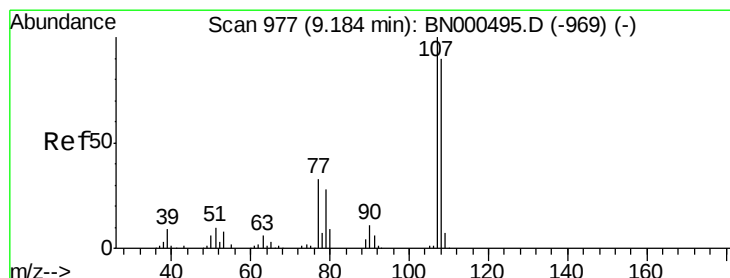
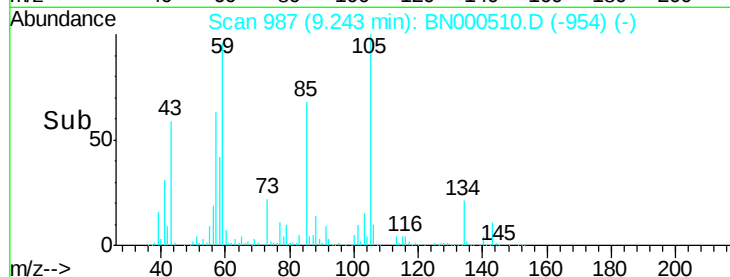
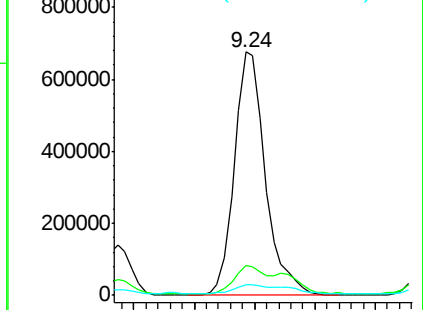
51 4.2 19.8 29.8#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#16

4-Methylphenol

Concen: 2.160 ng/ul

RT: 9.28 min Scan# 993

Delta R.T. 0.09 min

Lab File: BN000510.D

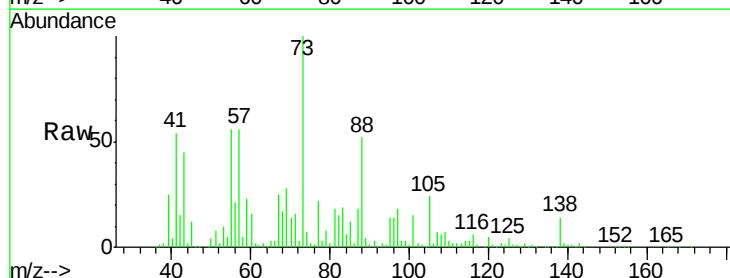
Acq: 21 Mar 2018 01:19

Tgt Ion:108 Resp: 33067

Ion Ratio Lower Upper

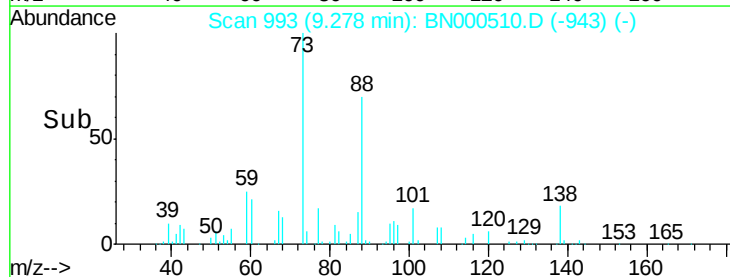
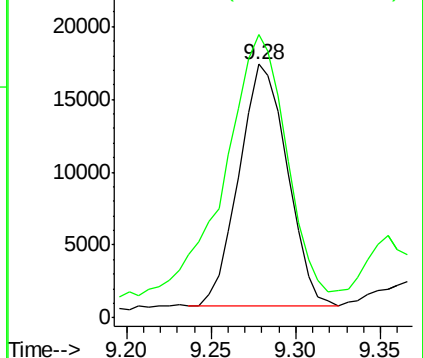
108 100

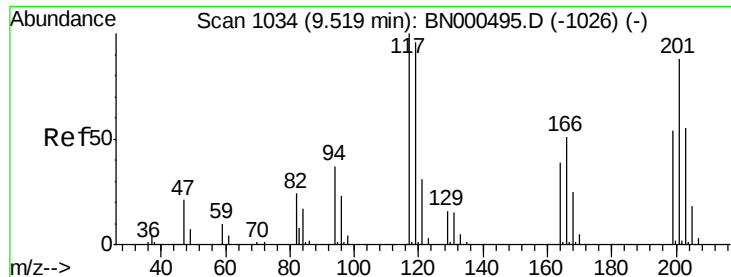
107 111.5 93.6 140.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

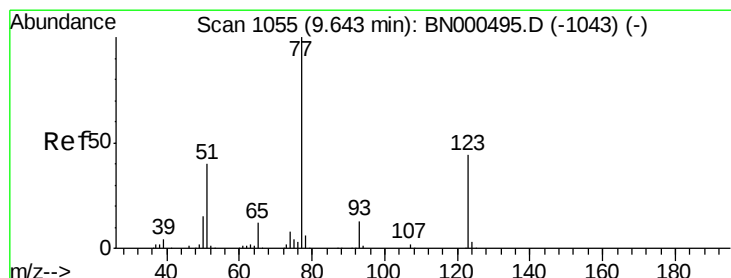
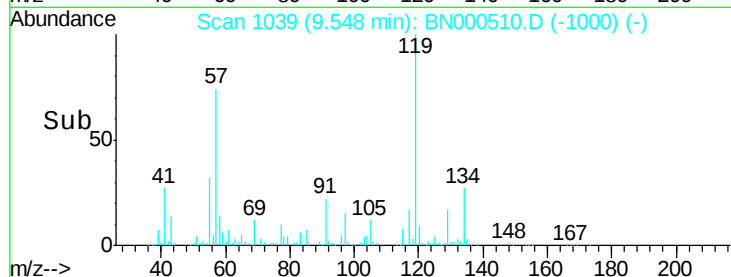
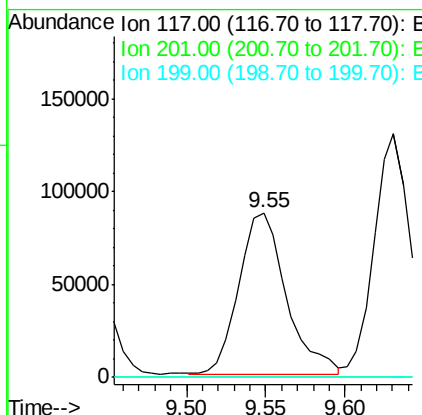
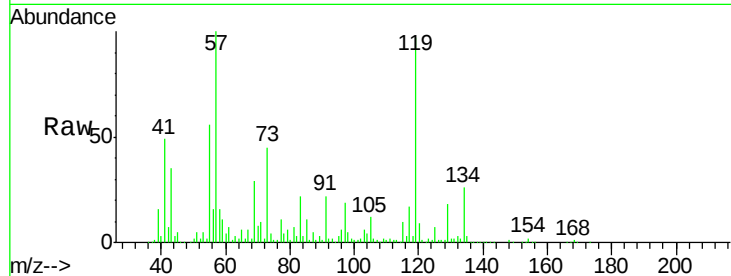




#17
Hexachloroethane
Concen: 29.431 ng/ul
RT: 9.55 min Scan# 1039
Delta R.T. 0.03 min
Lab File: BN000510.D
Acq: 21 Mar 2018 01:19

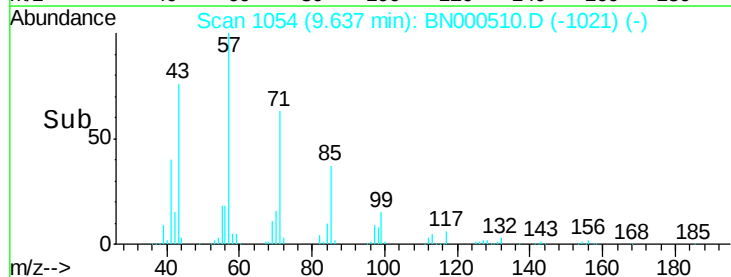
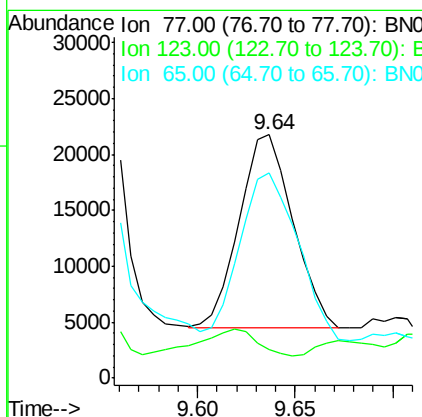
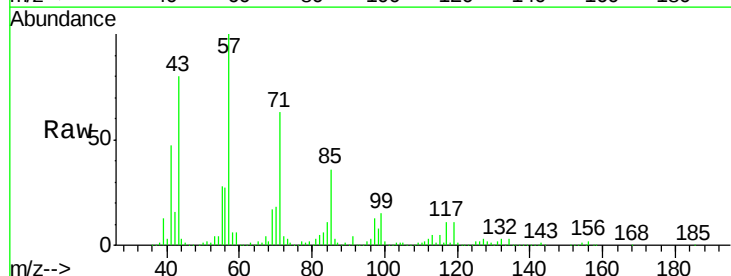
Instrument :
BNA_N
ClientSampleId :

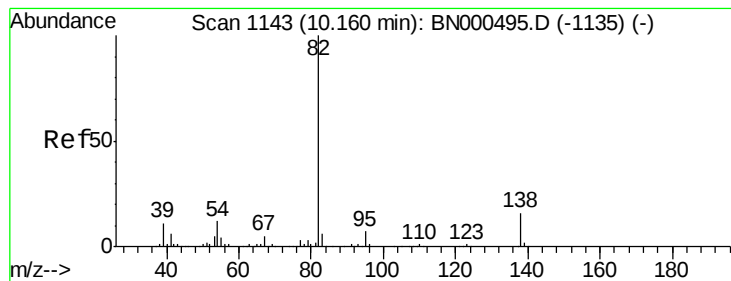
Tot Ion:117 Resp: 181150
Ion Ratio Lower Upper
117 100
201 0.0 96.1 144.1#
199 0.0 59.7 89.5#



#20
Nitrobenzene
Concen: 2.324 ng/ul
RT: 9.64 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BN000510.D
Acq: 21 Mar 2018 01:19

Tgt Ion: 77 Resp: 33104
Ion Ratio Lower Upper
77 100
123 11.6 31.8 47.8#
65 84.1 10.6 16.0#





#21

Isophorone

Concen: 268.393 ng/ul

RT: 10.21 min Scan# 1151

Delta R.T. 0.05 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

Instrument :

BNA_N

ClientSampleId :

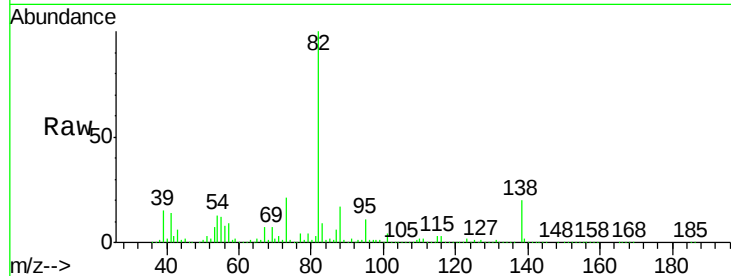
Tot Ion: 82 Resp: 7286420

Ion Ratio Lower Upper

82 100

95 11.0 6.1 9.1#

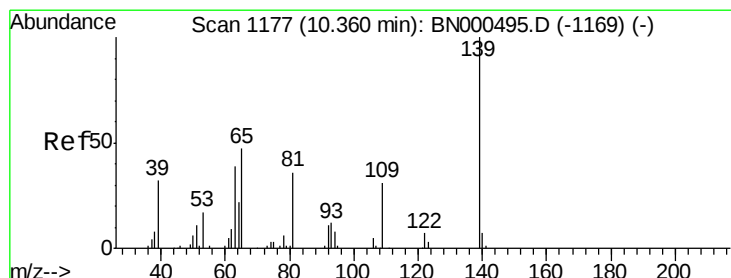
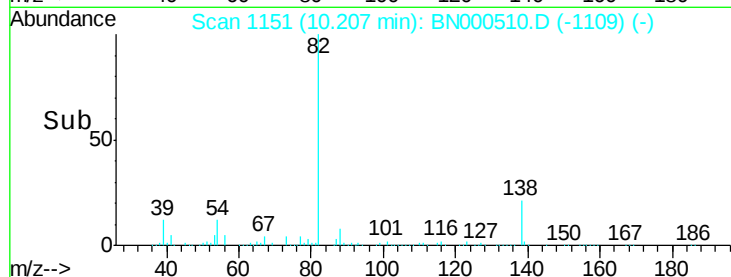
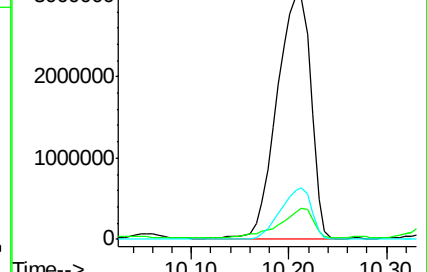
138 19.9 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BN000510.D (-1151) (-)

Ion 95.00 (94.70 to 95.70): BN000510.D (-1151) (-)

Ion 138.00 (137.70 to 138.70): BN000510.D (-1151) (-)



#23

2-Nitrophenol

Concen: 1.349 ng/ul

RT: 10.35 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

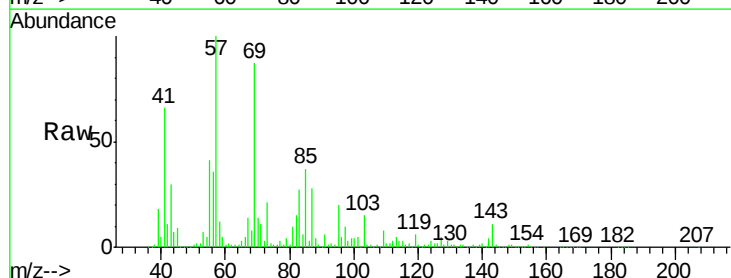
Tgt Ion:139 Resp: 8669

Ion Ratio Lower Upper

139 100

65 504.0 45.3 67.9#

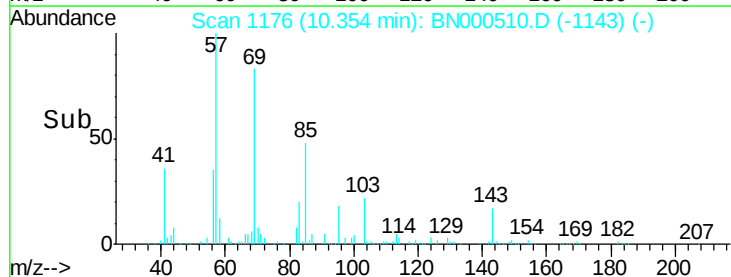
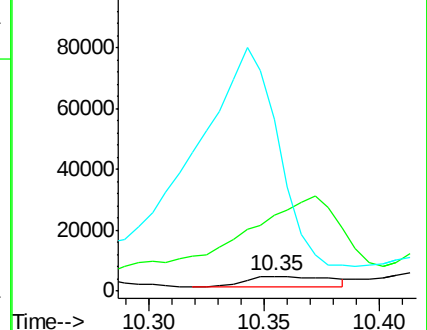
109 1152.9 27.7 41.5#

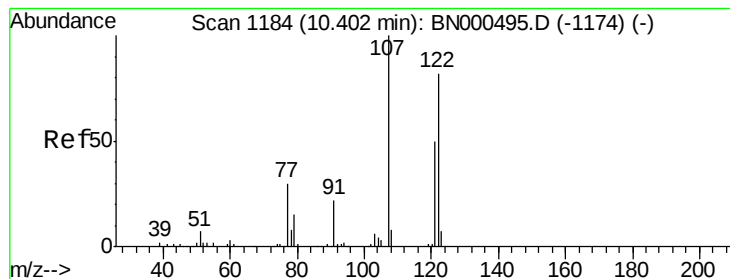


Abundance Ion 139.00 (138.70 to 139.70): BN000510.D (-1177) (-)

Ion 65.00 (64.70 to 65.70): BN000510.D (-1177) (-)

Ion 109.00 (108.70 to 109.70): BN000510.D (-1177) (-)





#24

2,4-Dimethylphenol

Concen: 7.080 ng/ul

RT: 10.48 min Scan# 1198

Delta R.T. 0.08 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

Instrument :

BNA_N

ClientSampleId :

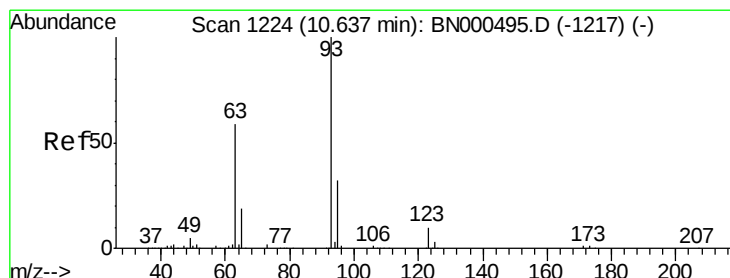
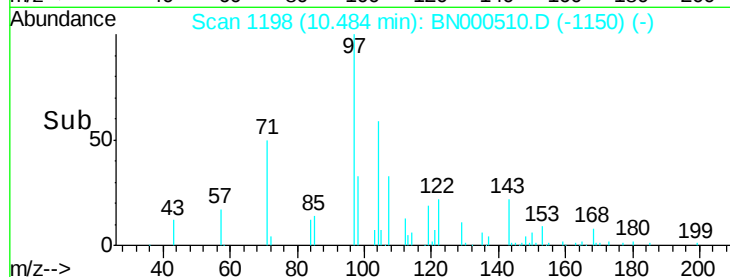
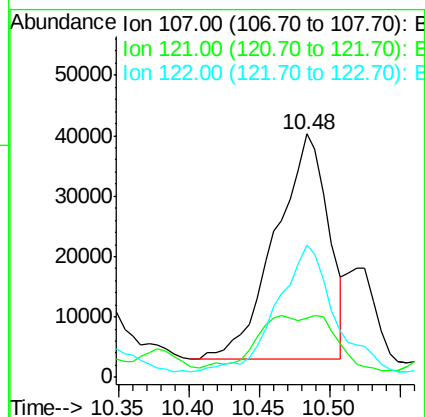
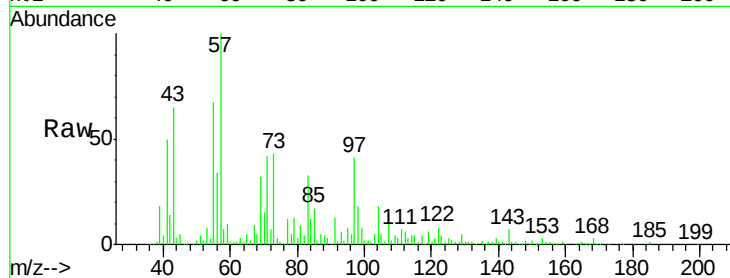
Tot Ion:107 Resp: 98030

Ion Ratio Lower Upper

107 100

121 24.5 38.1 57.1#

122 54.4 63.8 95.8#



#25

Bis(2-Chloroethoxy)methane

Concen: 17.752 ng/ul

RT: 10.70 min Scan# 1234

Delta R.T. 0.06 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

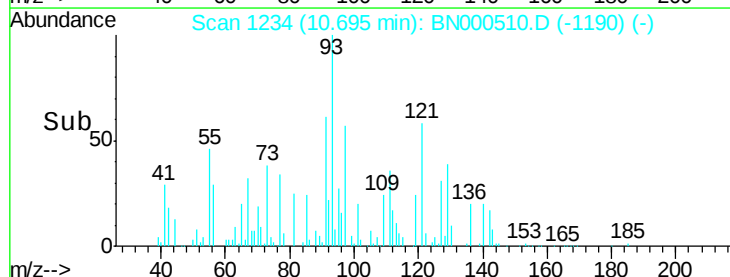
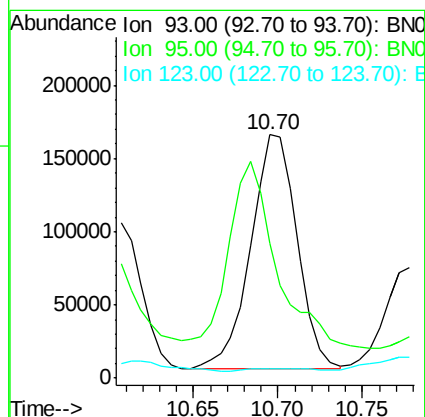
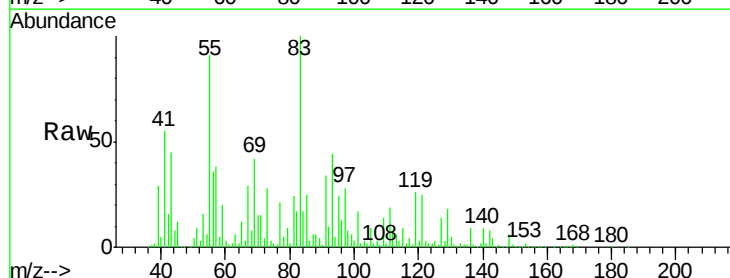
Tgt Ion: 93 Resp: 304372

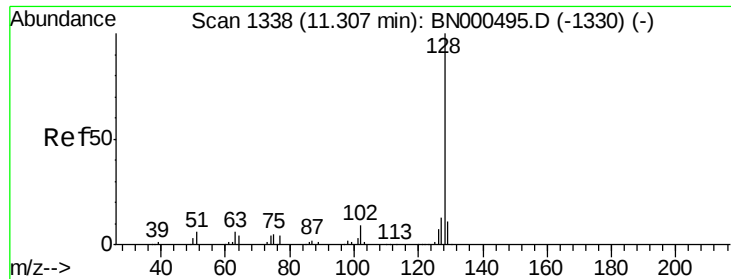
Ion Ratio Lower Upper

93 100

95 55.3 24.7 37.1#

123 3.8 8.2 12.2#

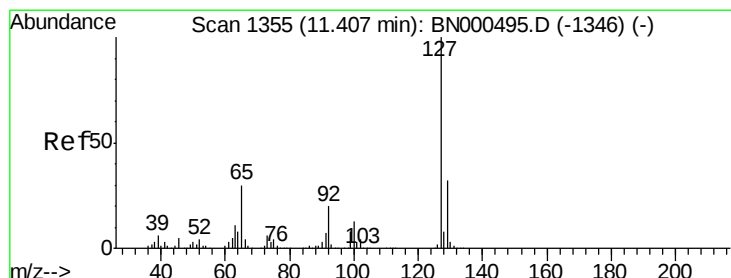
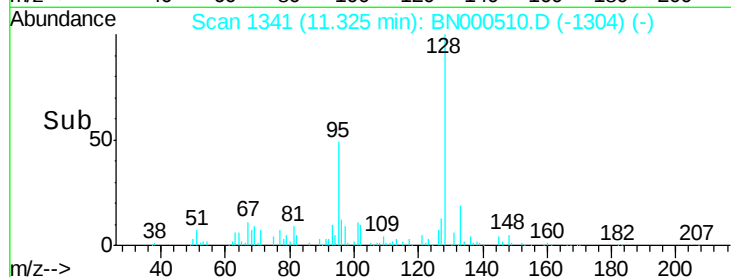
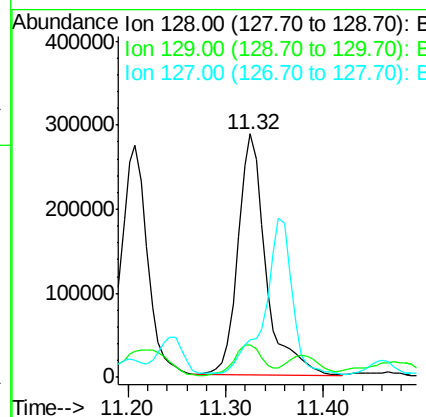
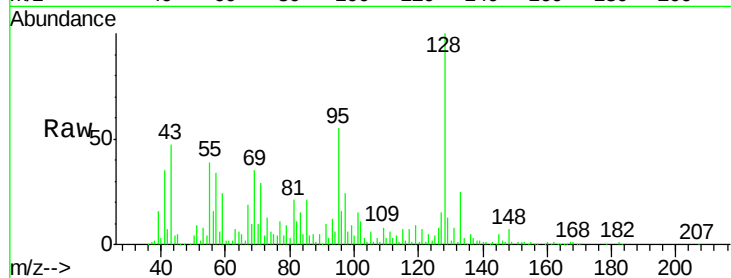




#28
Naphthalene
Concen: 15.302 ng/ul
RT: 11.32 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BN000510.D
Acq: 21 Mar 2018 01:19

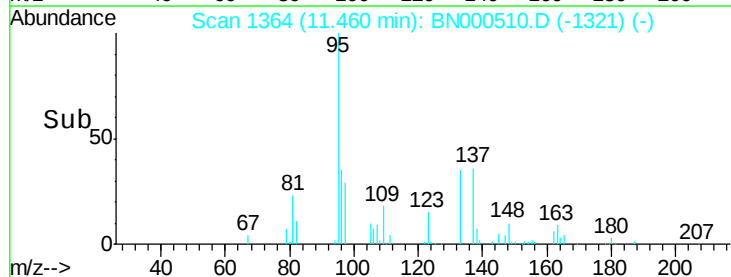
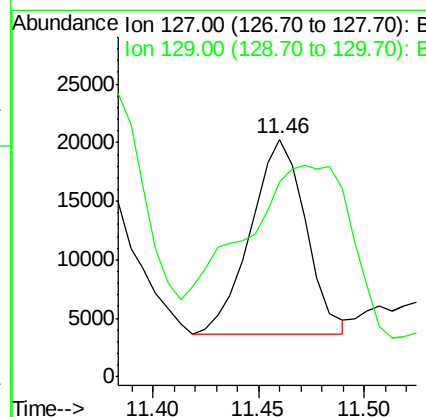
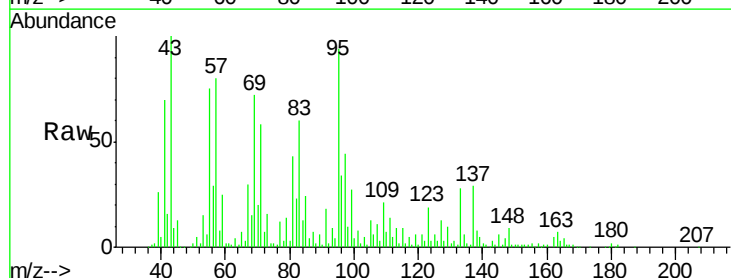
Instrument :
BNA_N
ClientSampled :

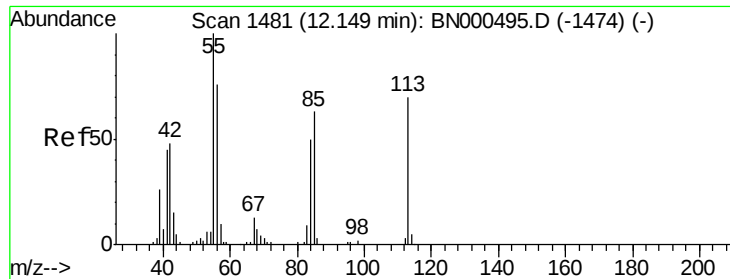
Tot Ion:128 Resp: 570812
Ion Ratio Lower Upper
128 100
129 13.2 8.3 12.5#
127 15.3 10.8 16.2



#30
4-Chloroaniline
Concen: 2.684 ng/ul
RT: 11.46 min Scan# 1364
Delta R.T. 0.05 min
Lab File: BN000510.D
Acq: 21 Mar 2018 01:19

Tgt Ion:127 Resp: 29956
Ion Ratio Lower Upper
127 100
129 82.0 24.6 37.0#





#32

Caprolactam

Concen: 6.067 ng/ul

RT: 12.20 min Scan# 1490

Delta R.T. 0.05 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

Instrument :

BNA_N

ClientSampleId :

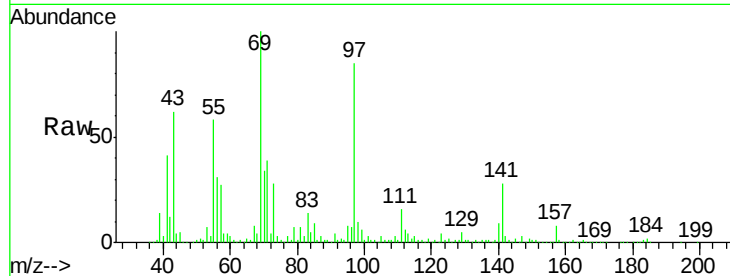
Tot Ion:113 Resp: 23060

Ion Ratio Lower Upper

113 100

55 1499.2 131.7 197.5#

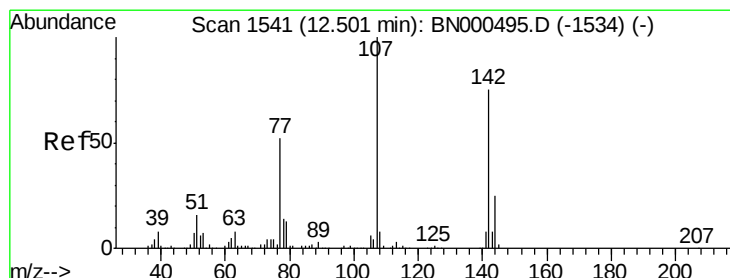
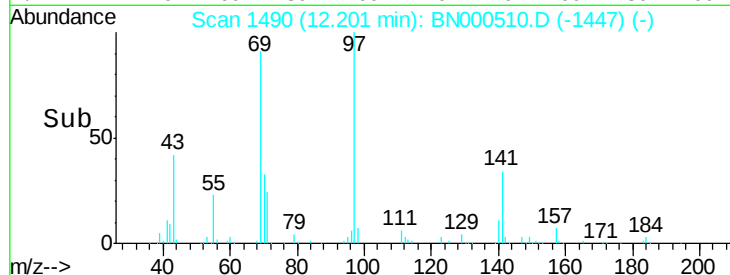
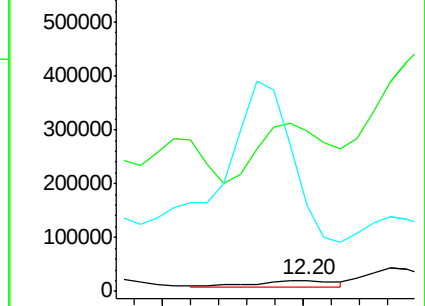
56 806.4 92.7 139.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNC

Ion 56.00 (55.70 to 56.70): BNC



#33

4-Chloro-3-methylphenol

Concen: 2.916 ng/ul

RT: 12.52 min Scan# 1545

Delta R.T. 0.02 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

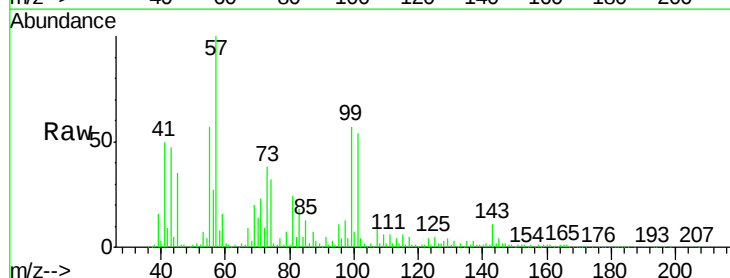
Tgt Ion:107 Resp: 35644

Ion Ratio Lower Upper

107 100

144 20.1 21.1 31.7#

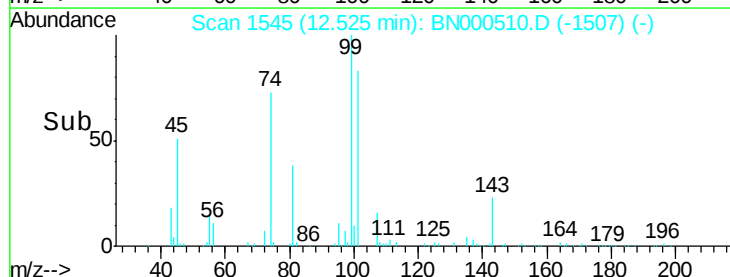
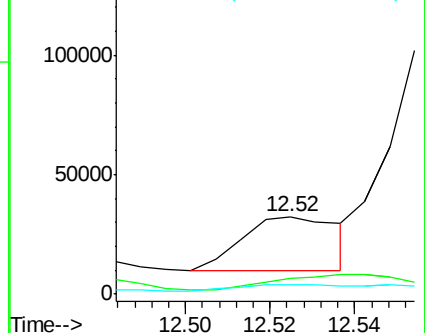
142 12.8 60.1 90.1#

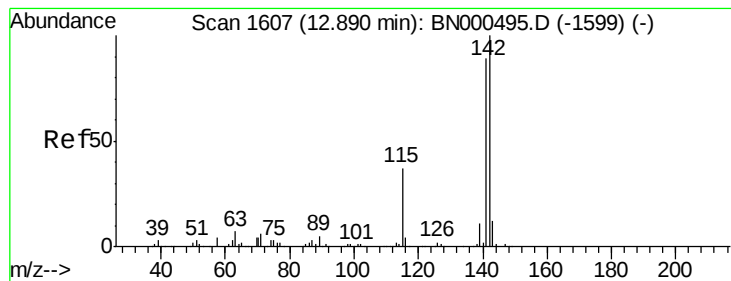


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 23.382 ng/ul

RT: 12.90 min Scan# 1609

Delta R.T. 0.01 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

Instrument :

BNA_N

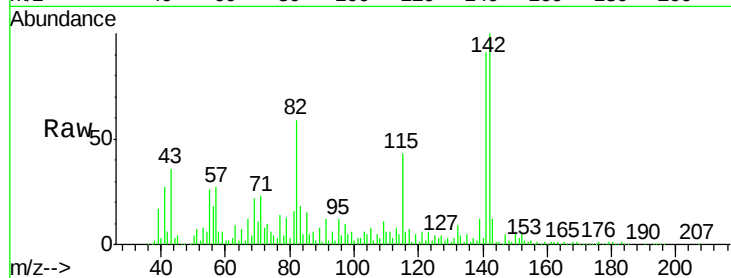
ClientSampleId :

Tot Ion:142 Resp: 582330

Ion Ratio Lower Upper

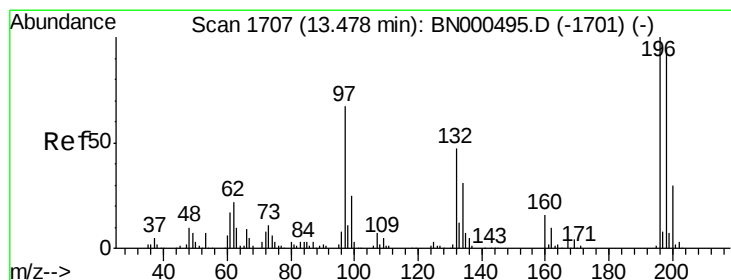
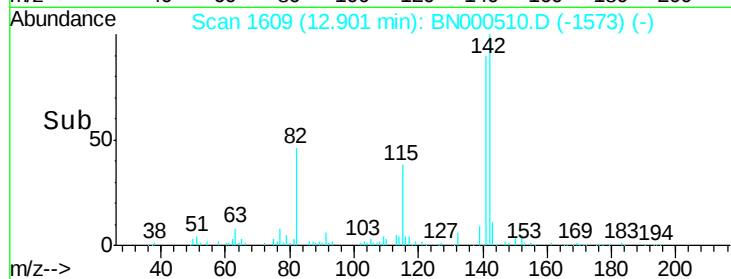
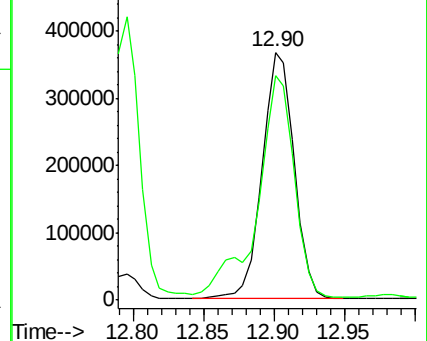
142 100

141 90.9 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#38

2,4,6-Trichlorophenol

Concen: 55.115 ng/ul

RT: 13.52 min Scan# 1714

Delta R.T. 0.04 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

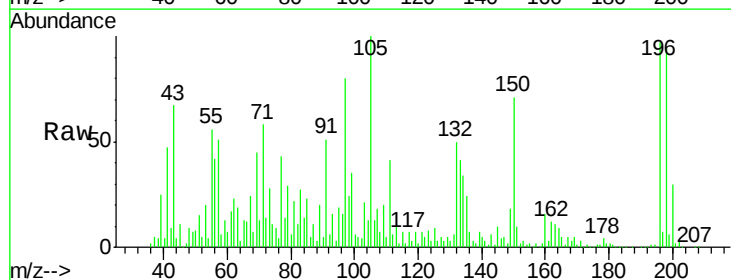
Tgt Ion:196 Resp: 392705

Ion Ratio Lower Upper

196 100

198 96.3 75.9 113.9

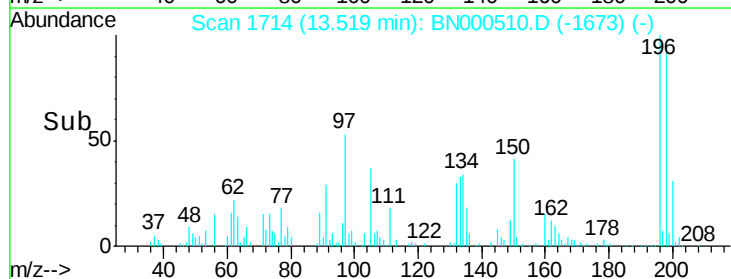
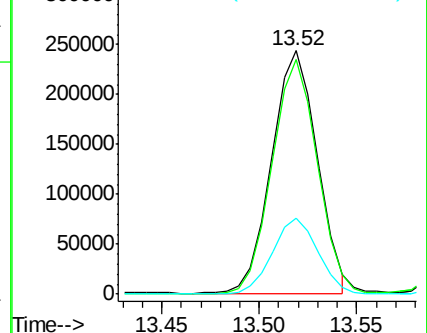
200 31.1 25.8 38.6

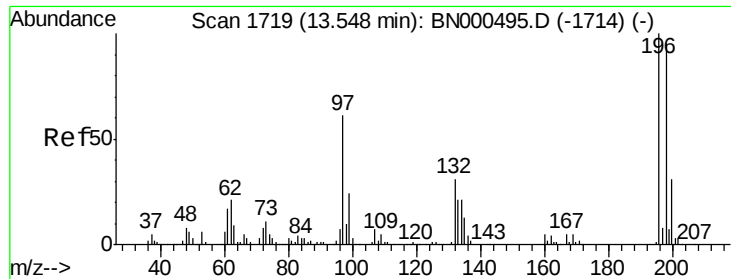


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

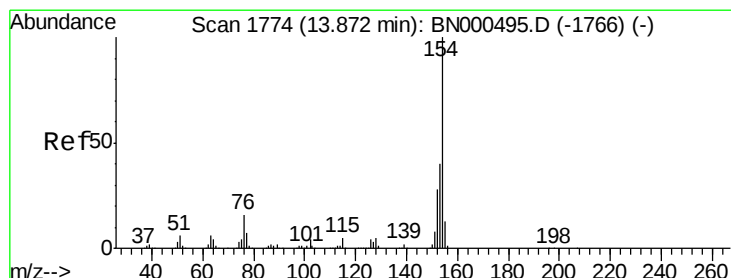
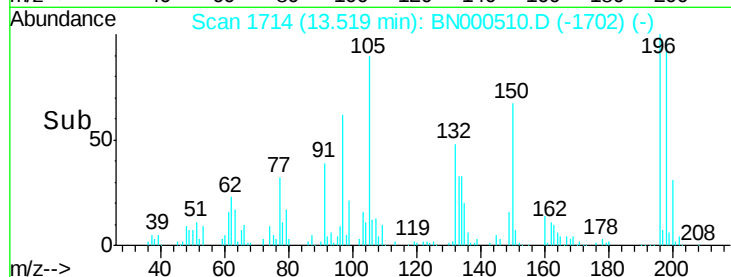
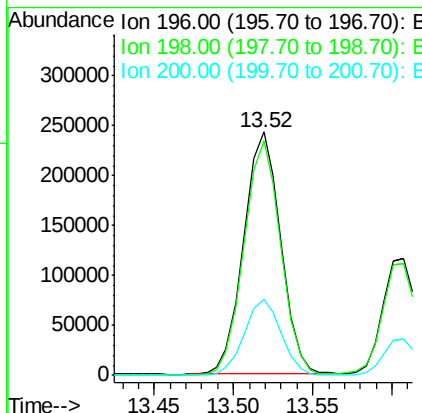
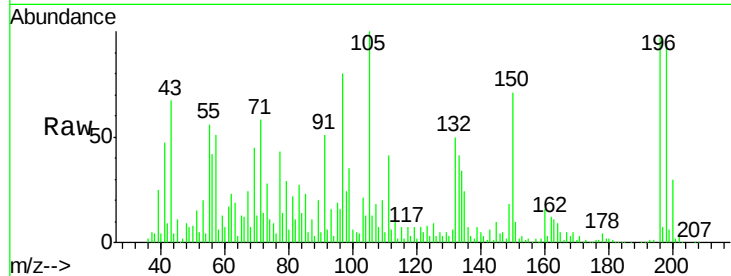




#39
 2,4,5-Trichlorophenol
 Concen: 53.119 ng/ul
 RT: 13.52 min Scan# 1714
 Delta R.T. -0.03 min
 Lab File: BN000510.D
 Acq: 21 Mar 2018 01:19

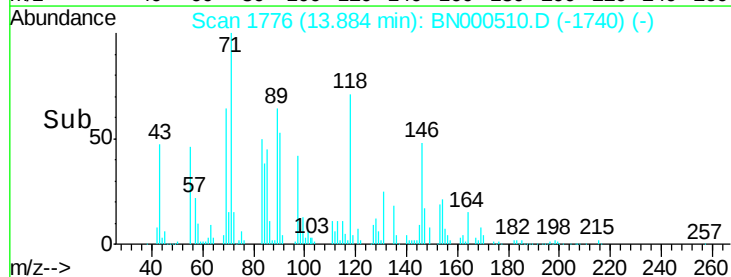
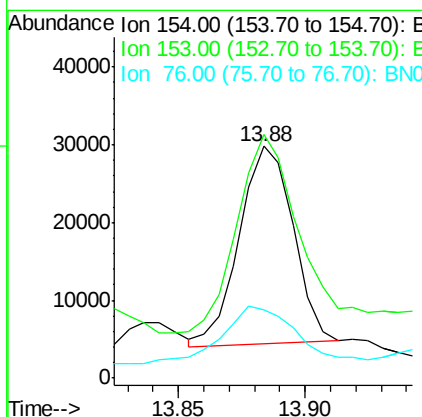
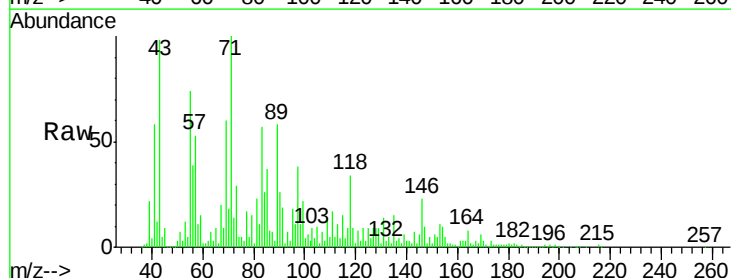
Instrument :
 BNA_N
 ClientSampleId :

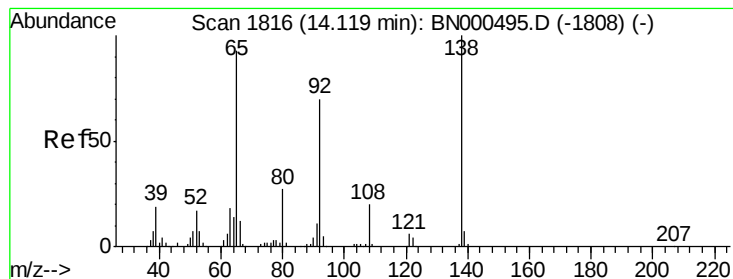
Tot Ion:196 Resp: 394645
 Ion Ratio Lower Upper
 196 100
 198 96.3 74.7 112.1
 200 31.1 25.4 38.0



#40
 1,1'-Biphenyl
 Concen: 1.259 ng/ul
 RT: 13.88 min Scan# 1776
 Delta R.T. 0.01 min
 Lab File: BN000510.D
 Acq: 21 Mar 2018 01:19

Tgt Ion:154 Resp: 37472
 Ion Ratio Lower Upper
 154 100
 153 105.0 34.0 51.0#
 76 29.5 8.4 12.6#





#42

2-Nitroaniline

Concen: 2.873 ng/ul

RT: 14.15 min Scan# 1821

Delta R.T. 0.03 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

Instrument :

BNA_N

ClientSampled :

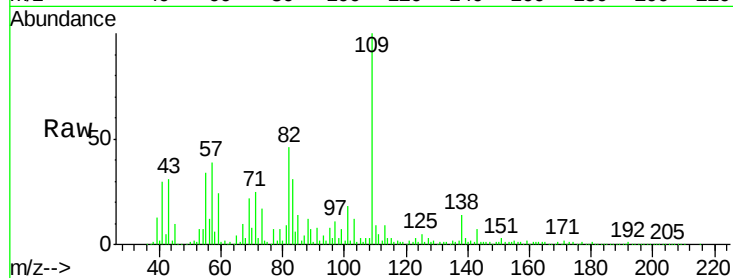
Tot Ion: 65 Resp: 19974

Ion Ratio Lower Upper

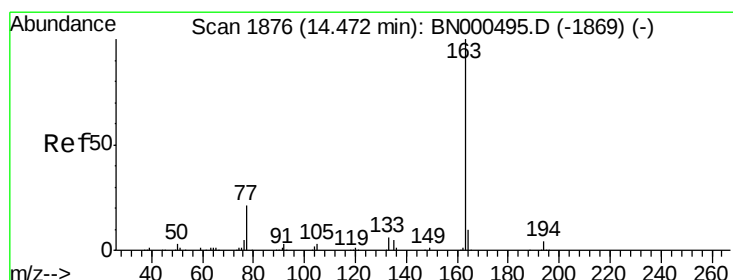
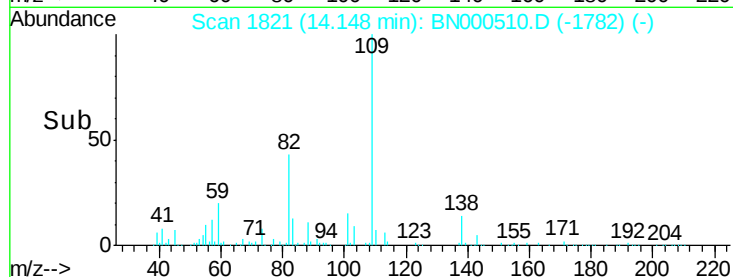
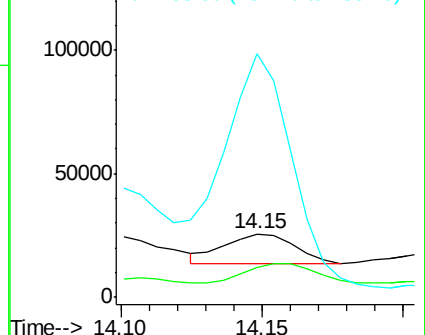
65 100

92 47.6 57.0 85.4#

138 384.6 87.2 130.8#



Abundance Ion 65.00 (64.70 to 65.70): BN0
Ion 92.00 (91.70 to 92.70): BN0
Ion 138.00 (137.70 to 138.70): E



#44

Dimethylphthalate

Concen: 7.103 ng/ul

RT: 14.49 min Scan# 1879

Delta R.T. 0.02 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

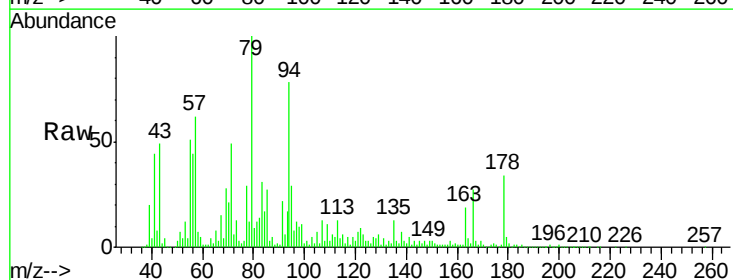
Tgt Ion:163 Resp: 194084

Ion Ratio Lower Upper

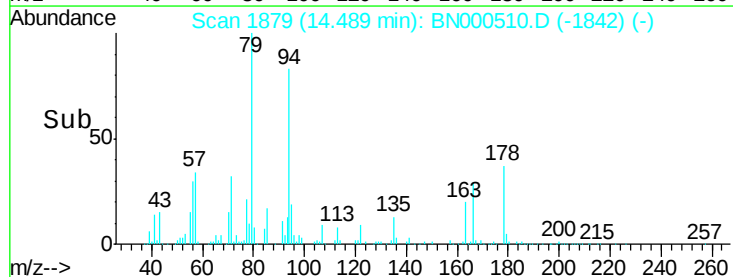
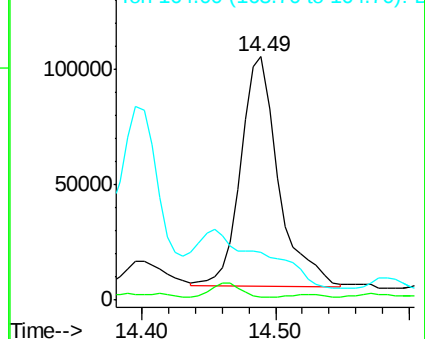
163 100

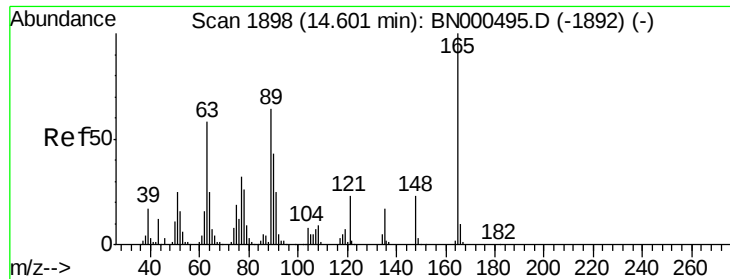
194 1.4 4.0 6.0#

164 19.5 8.4 12.6#



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

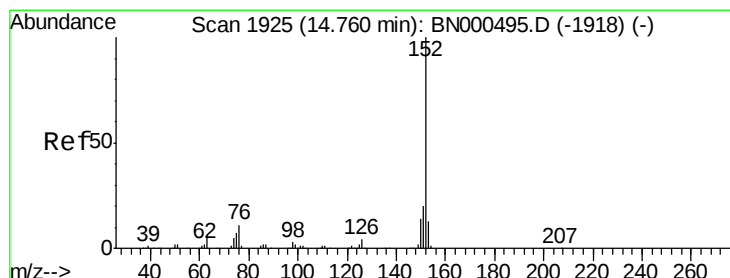
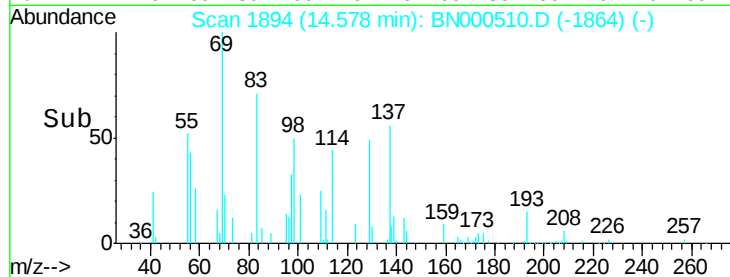
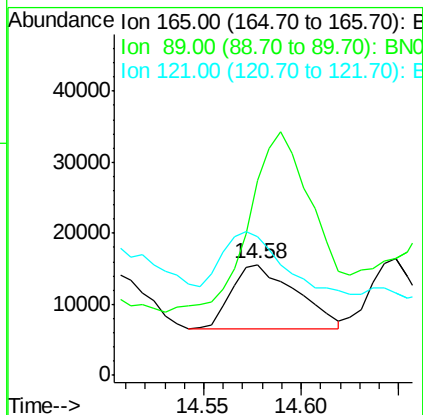
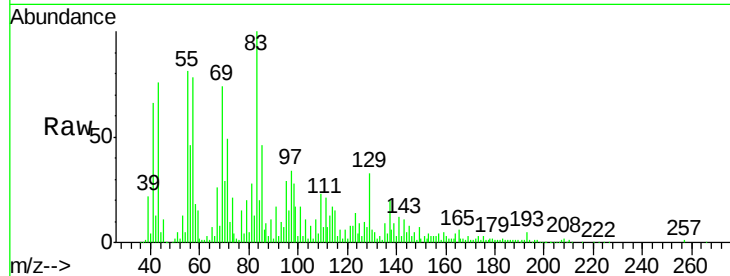




#45
2,6-Dinitrotoluene
Concen: 3.791 ng/ul
RT: 14.58 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BN000510.D
Acq: 21 Mar 2018 01:19

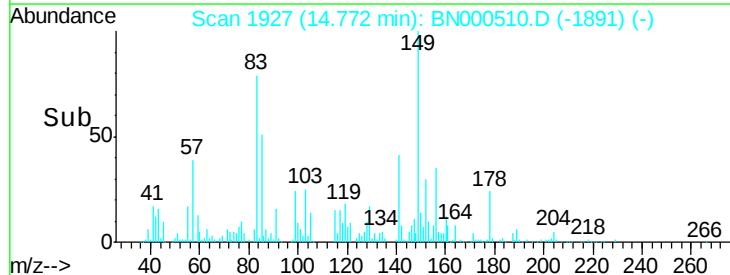
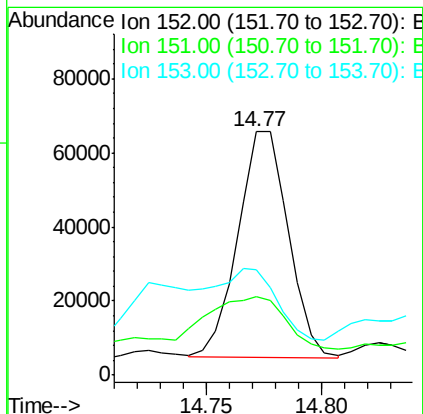
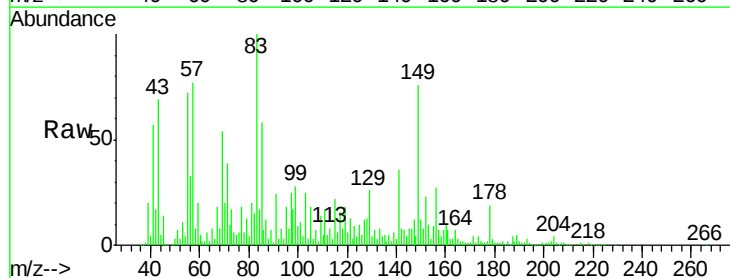
Instrument :
BNA_N
ClientSampled :

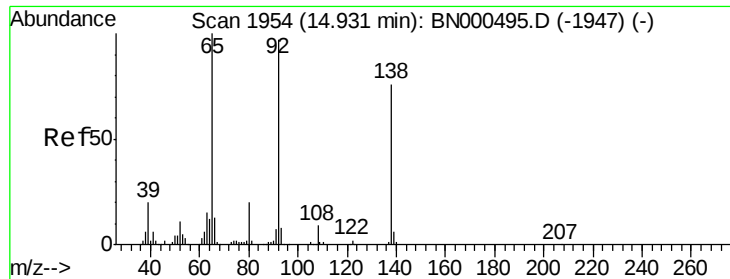
Tot Ion:165 Resp: 20876
Ion Ratio Lower Upper
165 100
89 176.2 43.8 65.8#
121 125.4 17.8 26.6#



#47
Acenaphthylene
Concen: 2.602 ng/ul
RT: 14.77 min Scan# 1927
Delta R.T. 0.01 min
Lab File: BN000510.D
Acq: 21 Mar 2018 01:19

Tgt Ion:152 Resp: 92906
Ion Ratio Lower Upper
152 100
151 32.4 16.1 24.1#
153 43.2 10.8 16.2#





#48

3-Nitroaniline

Concen: 1.408 ng/ul

RT: 14.95 min Scan# 1957

Delta R.T. 0.02 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

Instrument :

BNA_N

ClientSampled :

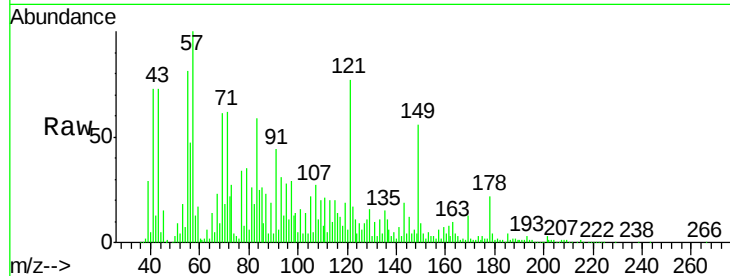
Tot Ion:138 Resp: 7484

Ion Ratio Lower Upper

138 100

108 363.8 7.6 11.4#

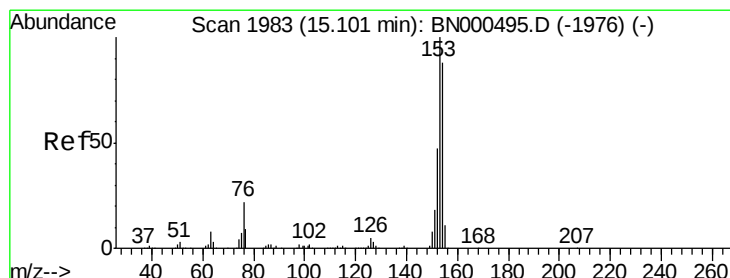
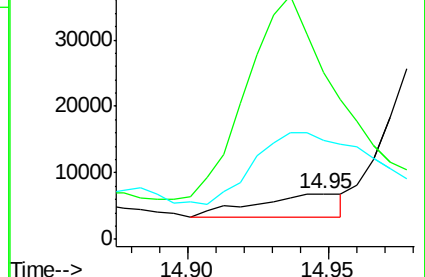
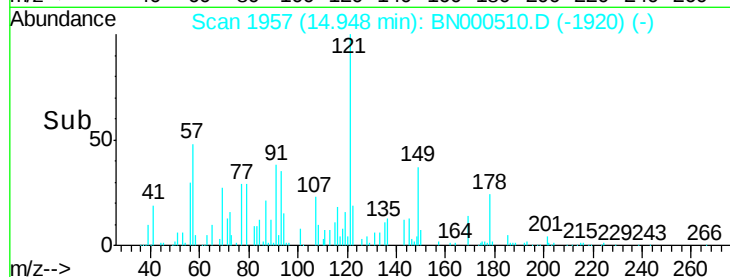
92 215.3 94.2 141.2#



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



#49

Acenaphthene

Concen: 5.682 ng/ul

RT: 15.11 min Scan# 1984

Delta R.T. 0.01 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

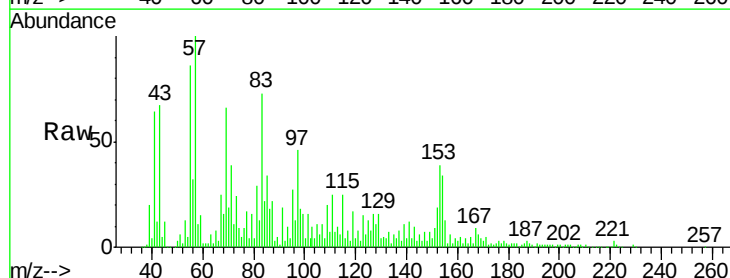
Tgt Ion:153 Resp: 138311

Ion Ratio Lower Upper

153 100

152 48.7 37.9 56.9

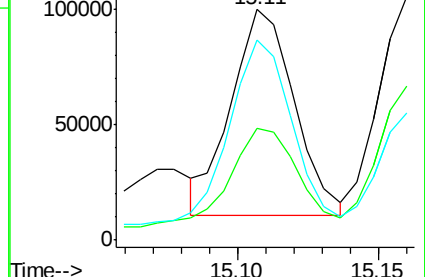
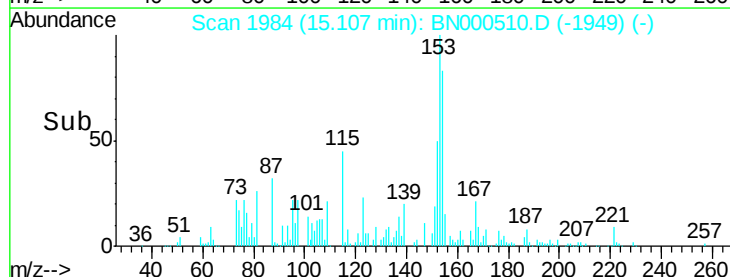
154 86.7 69.8 104.6

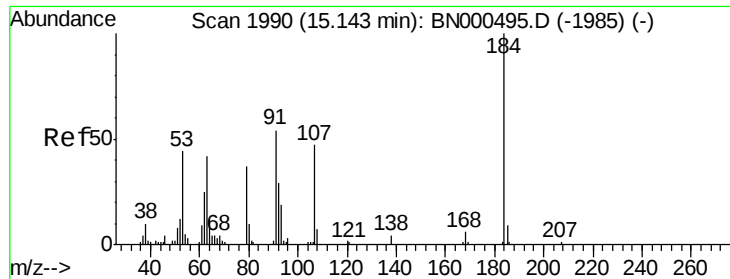


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

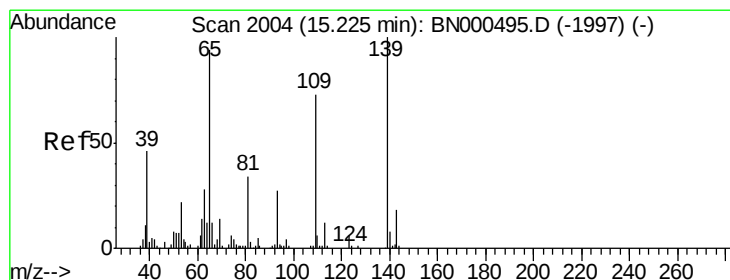
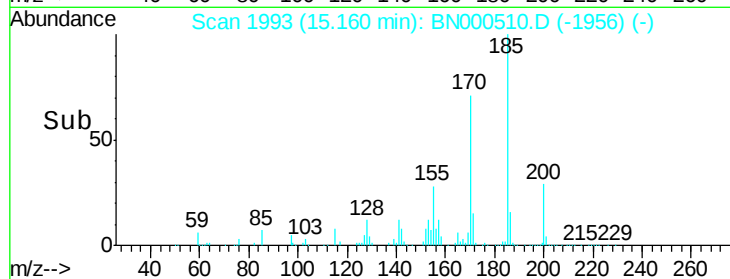
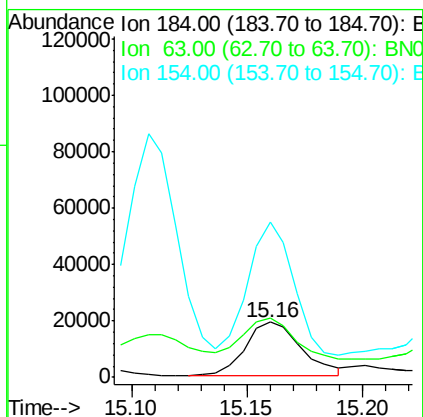
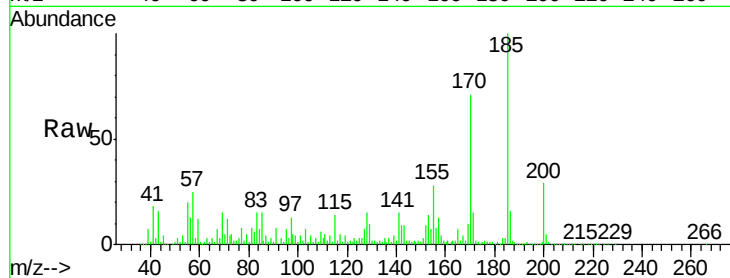




#50
2,4-Dinitrophenol
Concen: 12.188 ng/ul
RT: 15.16 min Scan# 1993
Delta R.T. 0.02 min
Lab File: BN000510.D
Acq: 21 Mar 2018 01:19

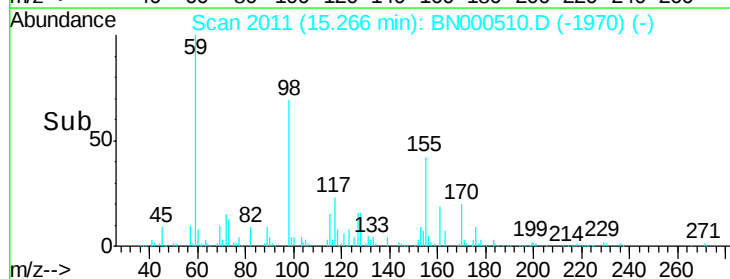
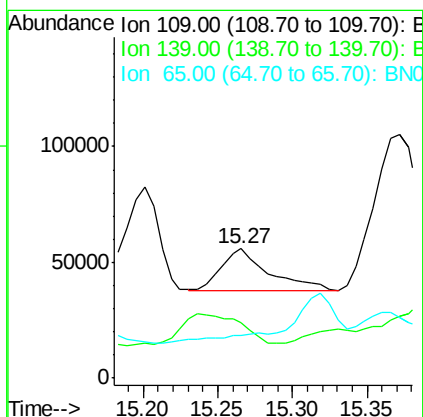
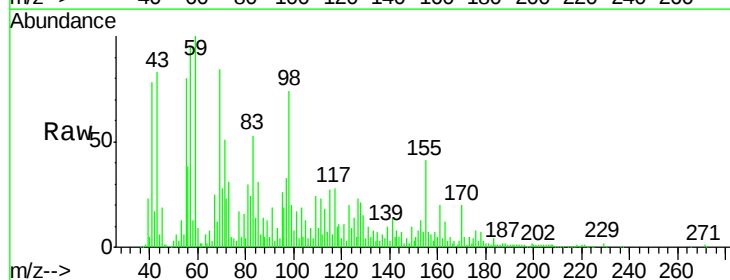
Instrument :
BNA_N
ClientSampled :

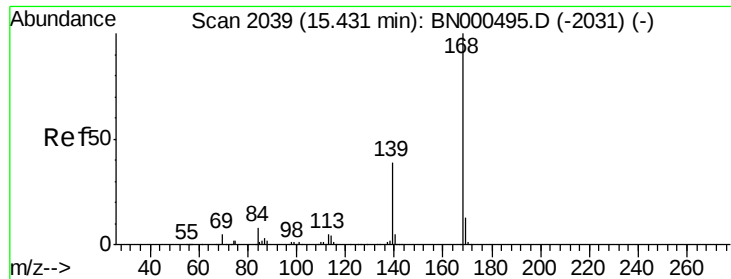
Tot Ion:184 Resp: 31661
Ion Ratio Lower Upper
184 100
63 107.9 39.7 59.5#
154 283.0 45.0 67.6#



#52
4-Nitrophenol
Concen: 9.944 ng/ul
RT: 15.27 min Scan# 2011
Delta R.T. 0.04 min
Lab File: BN000510.D
Acq: 21 Mar 2018 01:19

Tgt Ion:109 Resp: 39416
Ion Ratio Lower Upper
109 100
139 42.8 91.2 136.8#
65 33.3 92.6 139.0#

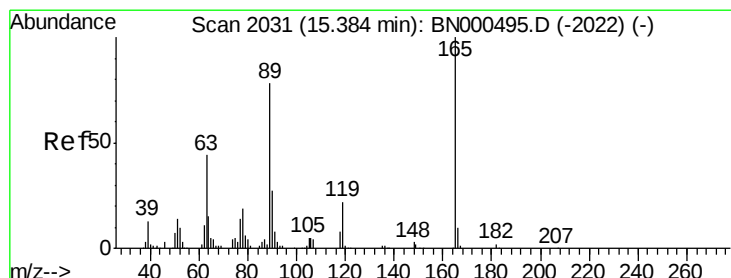
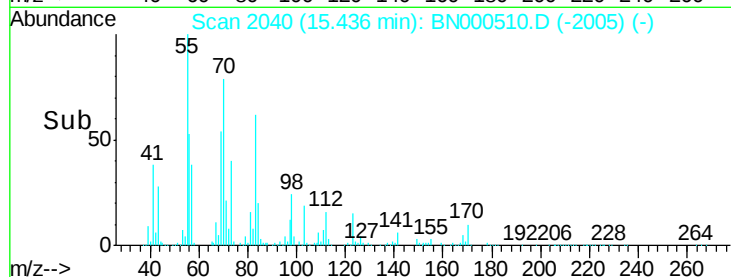
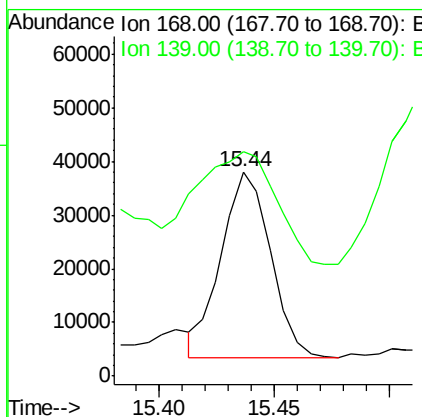
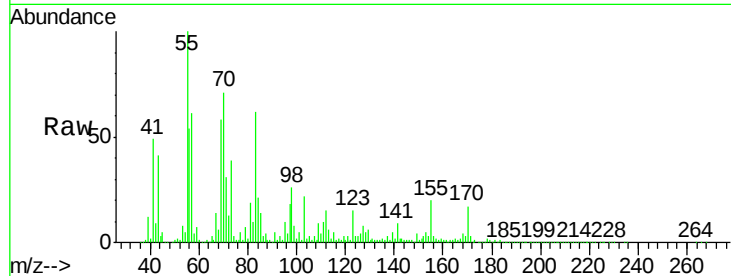




#53
Dibenzofuran
Concen: 1.562 ng/ul
RT: 15.44 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BN000510.D
Acq: 21 Mar 2018 01:19

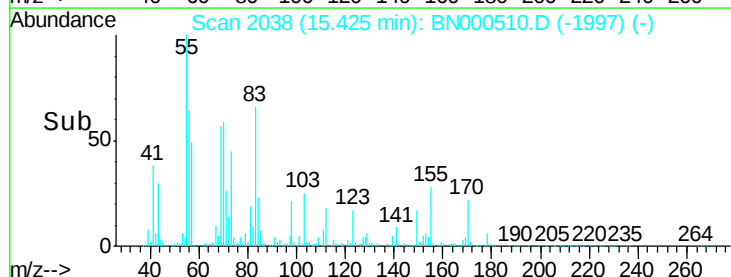
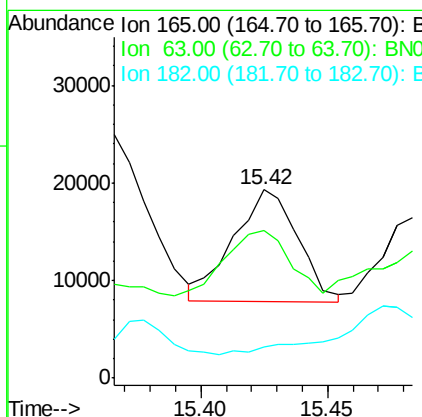
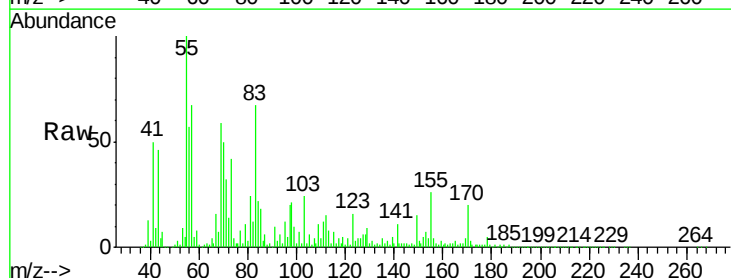
Instrument :
BNA_N
ClientSampleId :

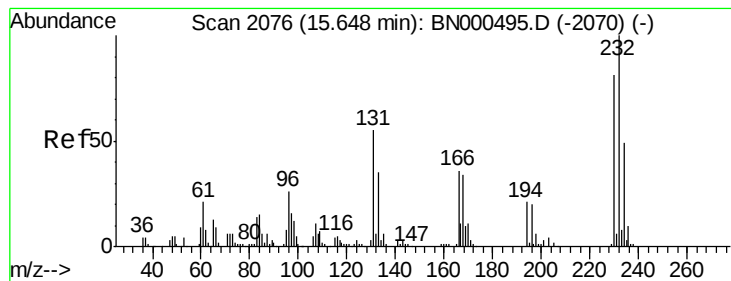
Tot Ion:168 Resp: 51625
Ion Ratio Lower Upper
168 100
139 109.9 31.0 46.4#



#54
2,4-Dinitrotoluene
Concen: 2.591 ng/ul
RT: 15.42 min Scan# 2038
Delta R.T. 0.04 min
Lab File: BN000510.D
Acq: 21 Mar 2018 01:19

Tgt Ion:165 Resp: 20225
Ion Ratio Lower Upper
165 100
63 78.3 31.4 47.0#
182 16.4 2.7 4.1#





#55

2,3,4,6-Tetrachlorophenol

Concen: 450.901 ng/ul

RT: 15.61 min Scan# 2069

Delta R.T. -0.04 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

Instrument :

BNA_N

ClientSampleId :

Tot Ion:232 Resp: 2558116

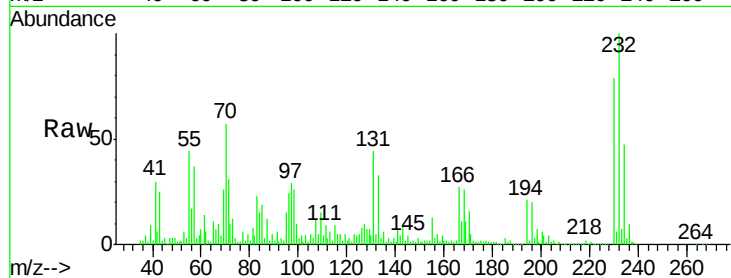
Ion Ratio Lower Upper

232 100

131 44.3 48.0 72.0#

130 4.2 4.0 6.0

166 27.2 32.0 48.0#

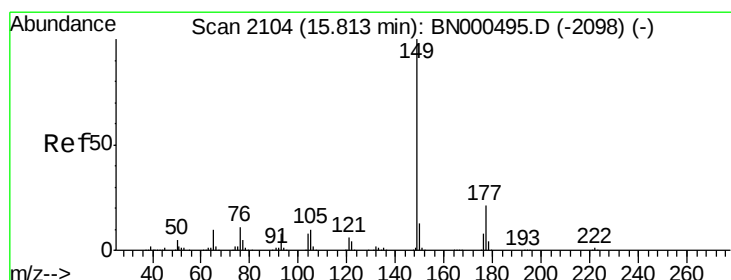
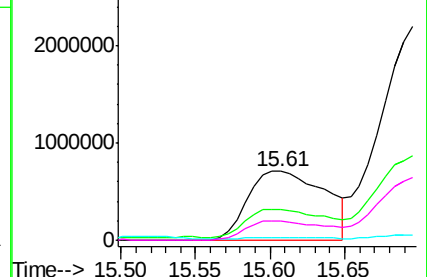
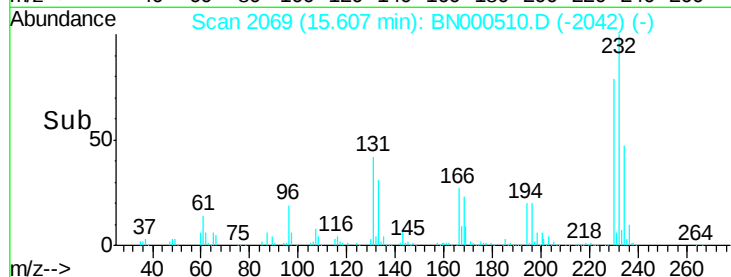


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#56

Diethylphthalate

Concen: 2.270 ng/ul

RT: 15.79 min Scan# 2100

Delta R.T. -0.02 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

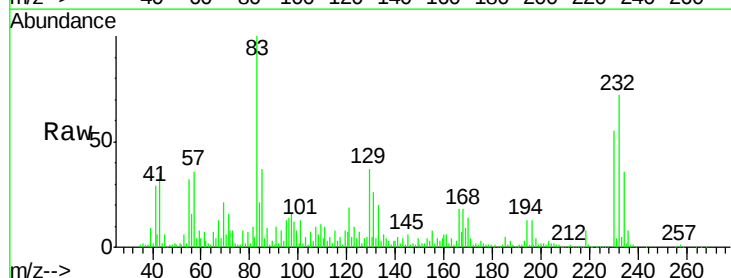
Tgt Ion:149 Resp: 63301

Ion Ratio Lower Upper

149 100

177 25.4 19.3 28.9

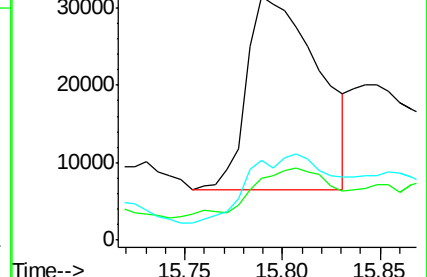
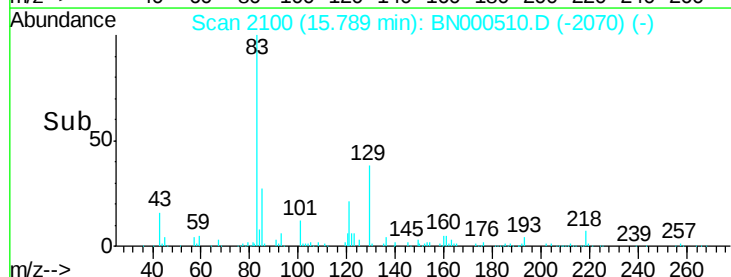
150 32.5 10.6 15.8#

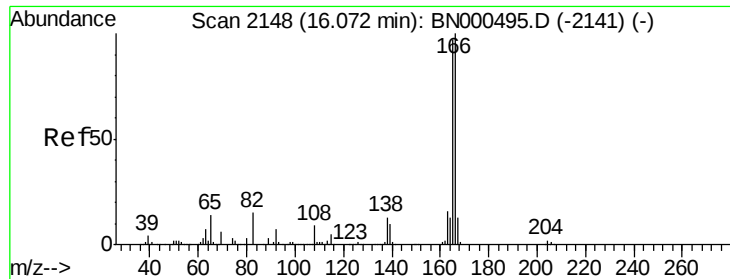


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#58

Fluorene

Concen: 5.179 ng/ul

RT: 16.11 min Scan# 2154

Delta R.T. 0.04 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

Instrument :

BNA_N

ClientSampleId :

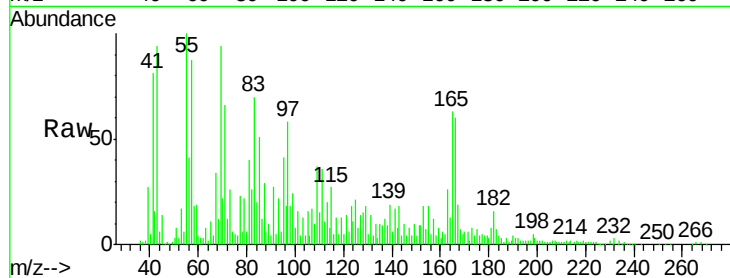
Tot Ion:166 Resp: 136058

Ion Ratio Lower Upper

166 100

165 104.8 78.4 117.6

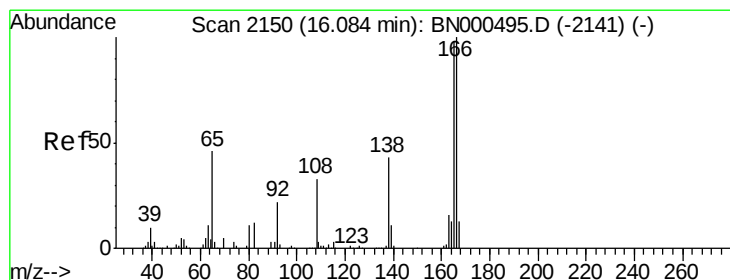
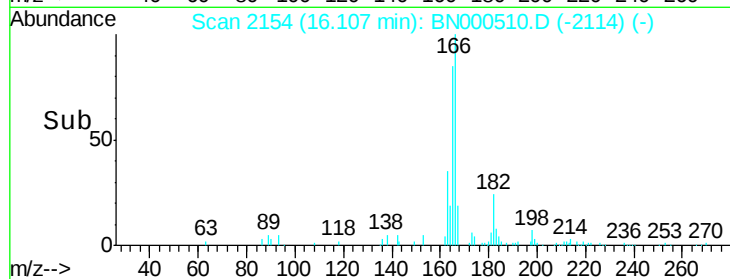
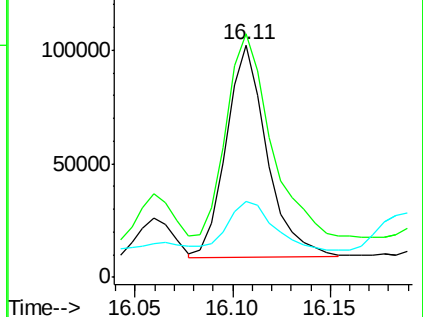
167 32.5 11.1 16.7#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Nitroaniline

Concen: 3.355 ng/ul

RT: 16.00 min Scan# 2136

Delta R.T. -0.08 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

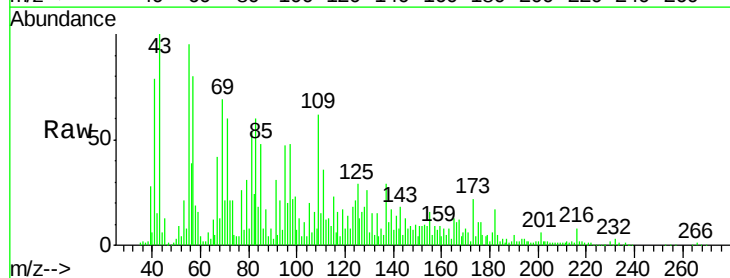
Tgt Ion:138 Resp: 20037

Ion Ratio Lower Upper

138 100

92 47.3 38.2 57.4

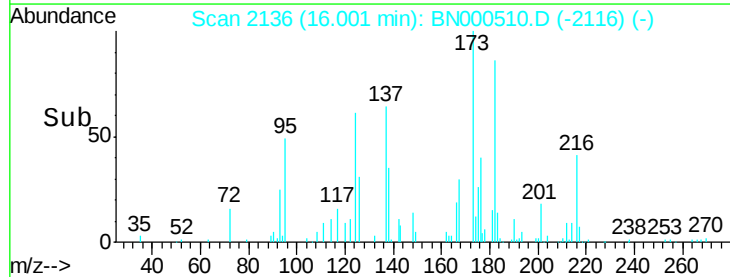
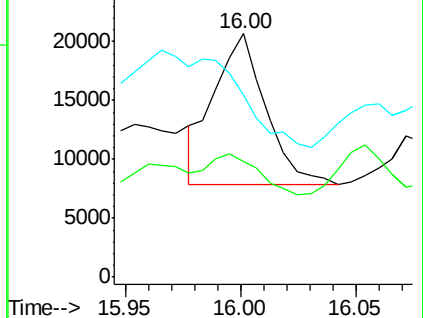
108 75.0 70.0 105.0

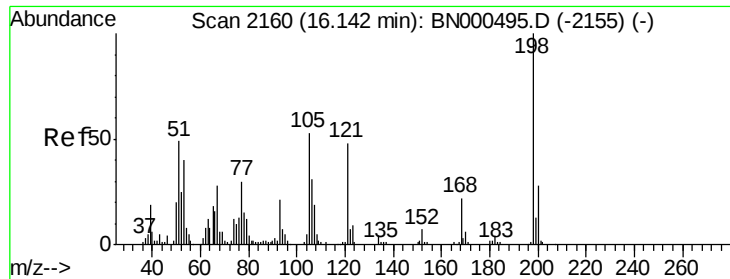


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNC

Ion 108.00 (107.70 to 108.70): E

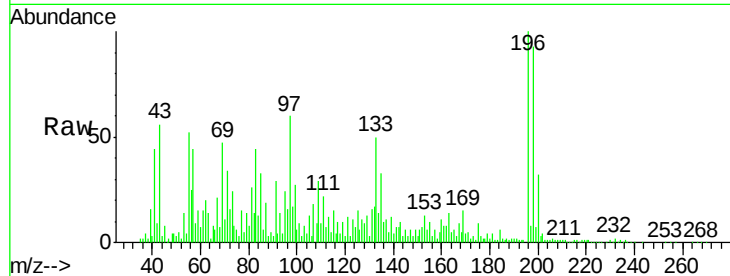




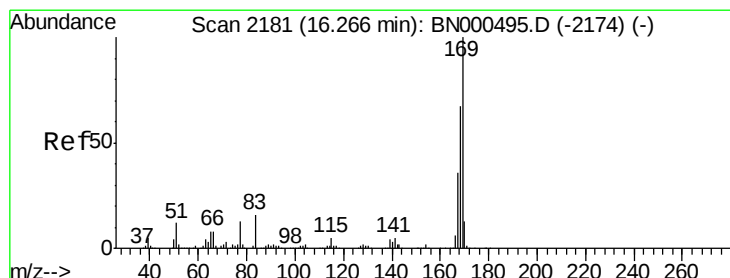
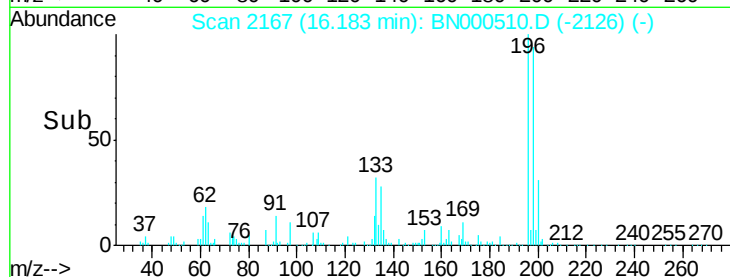
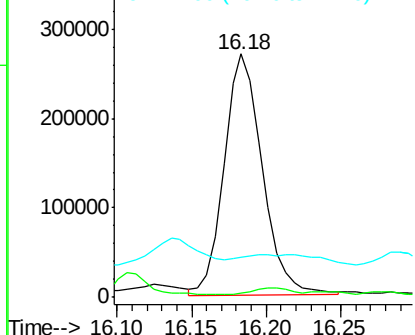
#63
 4,6-Dinitro-2-methylphenol
 Concen: 5795.277 ng/ul
 RT: 16.18 min Scan# 2167
 Delta R.T. 0.04 min
 Lab File: BN000510.D
 Acq: 21 Mar 2018 01:19

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:198 Resp: 481967
 Ion Ratio Lower Upper
 198 100
 182 1.6 3.5 5.3#
 77 16.2 18.2 27.4#

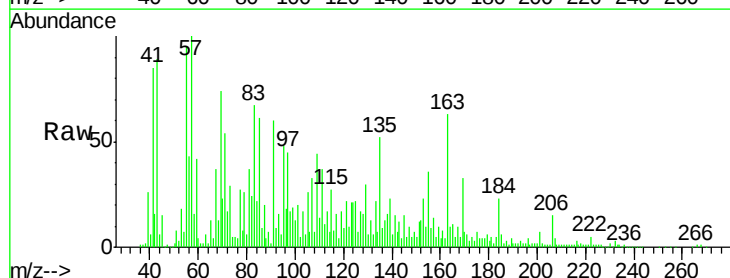


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BNC

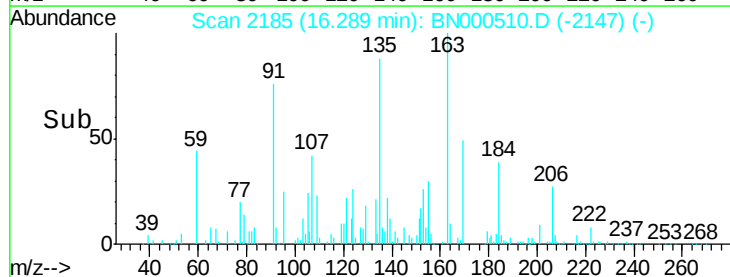
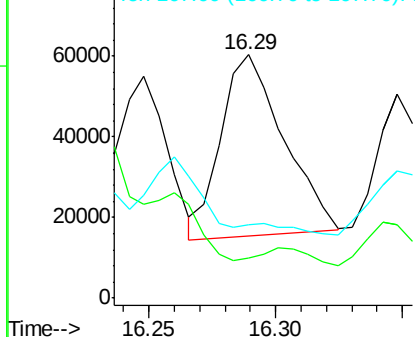


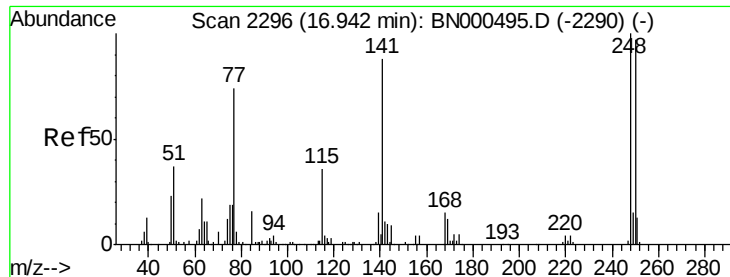
#64
 N-Nitrosodiphenylamine
 Concen: 171.618 ng/ul
 RT: 16.29 min Scan# 2185
 Delta R.T. 0.02 min
 Lab File: BN000510.D
 Acq: 21 Mar 2018 01:19

Tgt Ion:169 Resp: 77767
 Ion Ratio Lower Upper
 169 100
 168 16.4 53.8 80.8#
 167 30.1 29.5 44.3



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

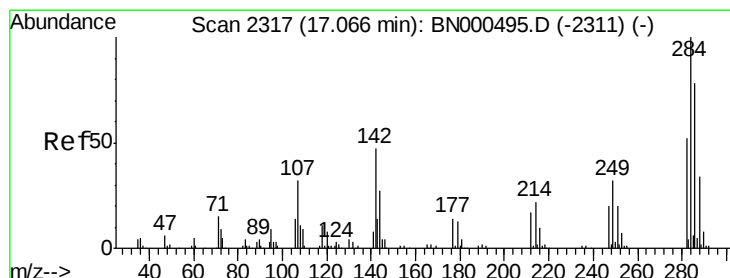
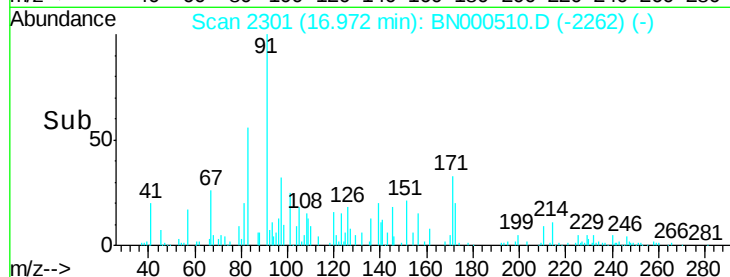
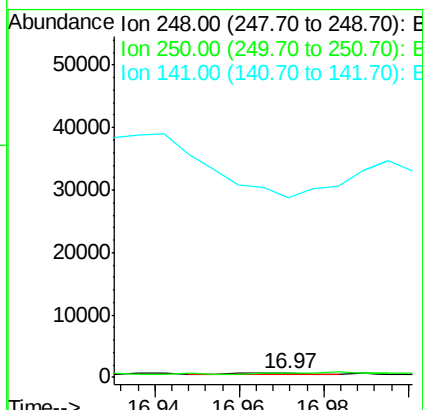
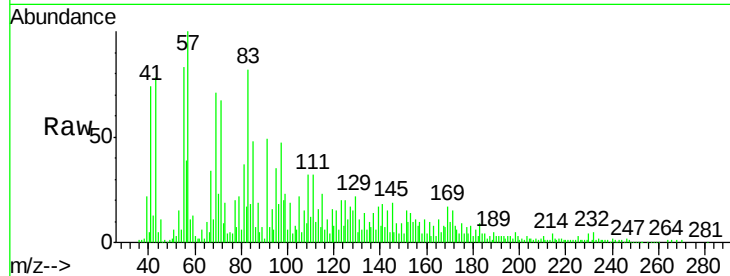




#65
4-Bromophenyl-phenylether
Concen: 1.976 ng/ul
RT: 16.97 min Scan# 2301
Delta R.T. 0.03 min
Lab File: BN000510.D
Acq: 21 Mar 2018 01:19

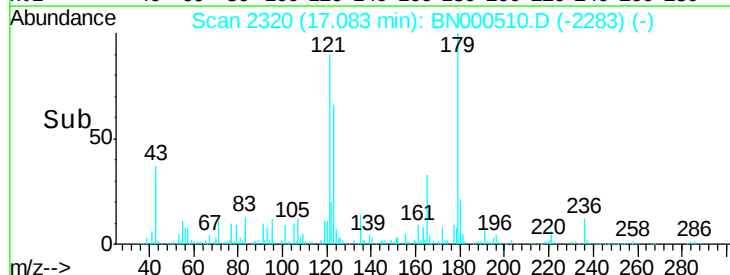
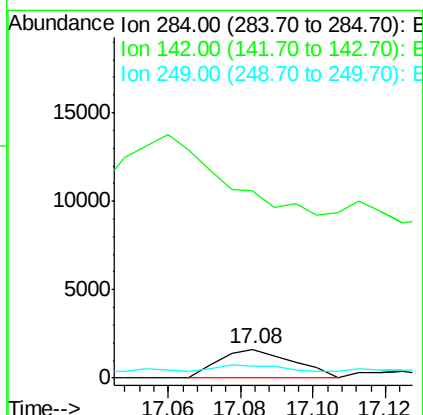
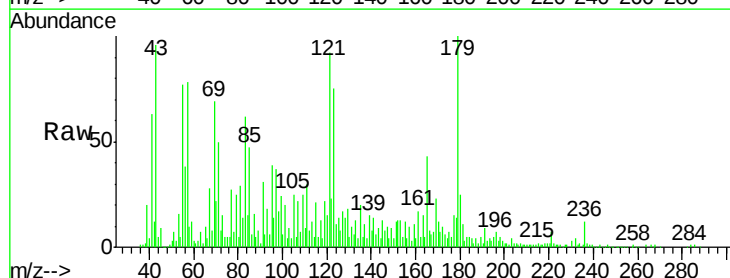
Instrument :
BNA_N
ClientSampled :

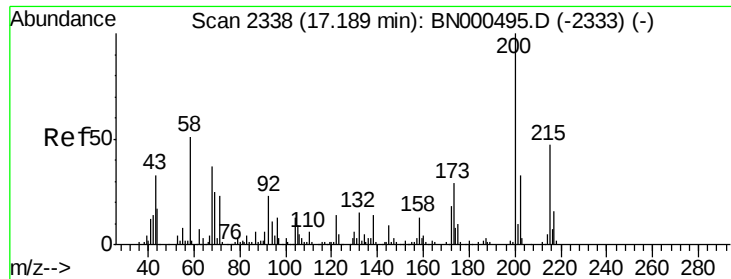
Tot Ion:248 Resp: 277
Ion Ratio Lower Upper
248 100
250 110.3 79.0 118.4
141 4434.5 51.9 77.9#



#66
Hexachlorobenzene
Concen: 15.590 ng/ul
RT: 17.08 min Scan# 2320
Delta R.T. 0.02 min
Lab File: BN000510.D
Acq: 21 Mar 2018 01:19

Tgt Ion:284 Resp: 2308
Ion Ratio Lower Upper
284 100
142 646.6 21.3 31.9#
249 43.0 26.3 39.5#

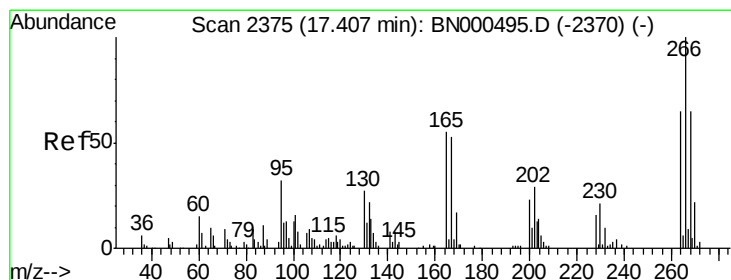
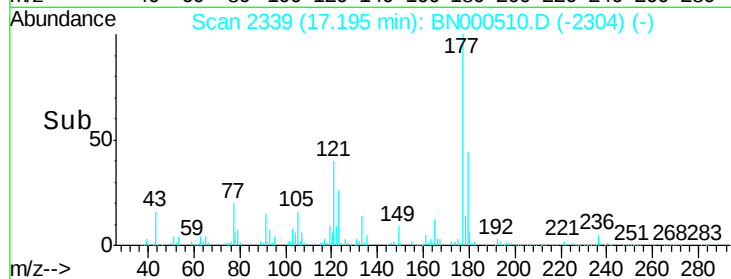
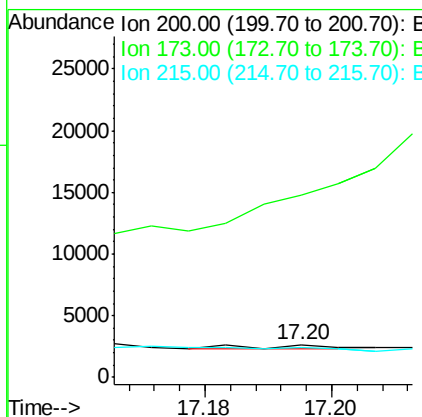
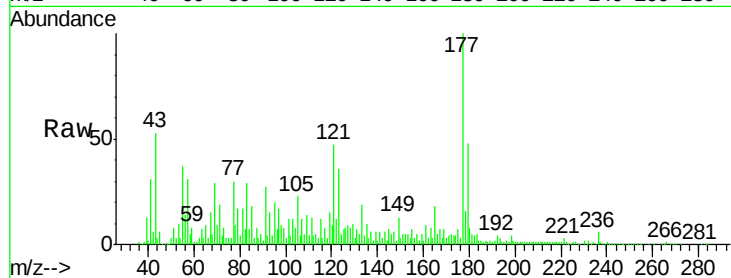




#67
 Atrazine
 Concen: 2.085 ng/ul
 RT: 17.20 min Scan# 2339
 Delta R.T. 0.01 min
 Lab File: BN000510.D
 Acq: 21 Mar 2018 01:19

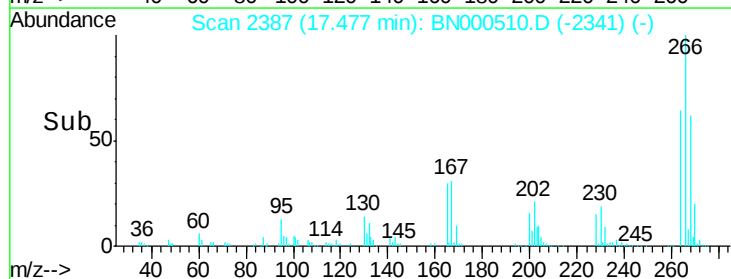
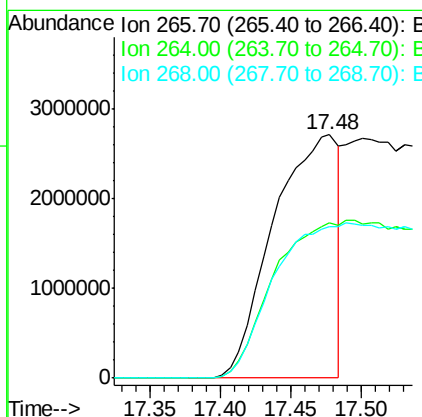
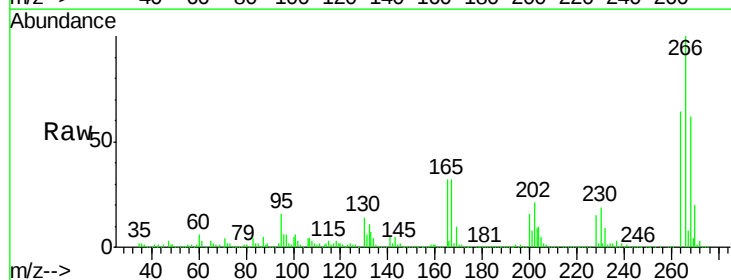
Instrument :
 BNA_N
 ClientSampleId :

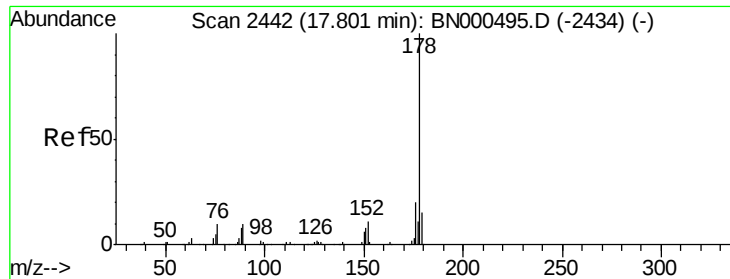
Tot Ion:200 Resp: 285
 Ion Ratio Lower Upper
 200 100
 173 556.8 20.6 31.0#
 215 89.8 39.8 59.6#



#68
 Pentachlorophenol
 Concen: 110810.645 ng/ul
 RT: 17.48 min Scan# 2387
 Delta R.T. 0.07 min
 Lab File: BN000510.D
 Acq: 21 Mar 2018 01:19

Tgt Ion:266 Resp: 8660410
 Ion Ratio Lower Upper
 266 100
 264 63.9 48.2 72.4
 268 62.3 52.3 78.5





#69

Phenanthrene

Concen: 19.892 ng/ul

RT: 17.81 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

Instrument :

BNA_N

ClientSampled :

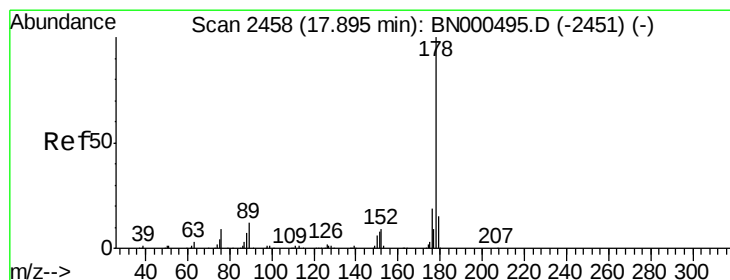
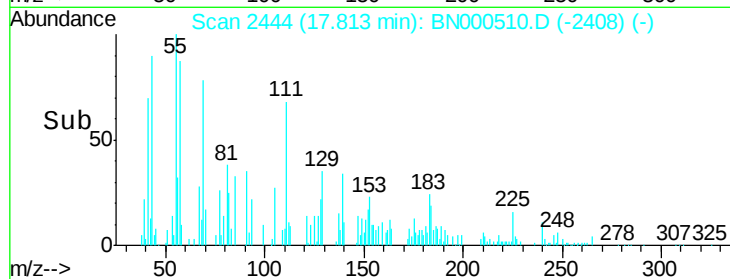
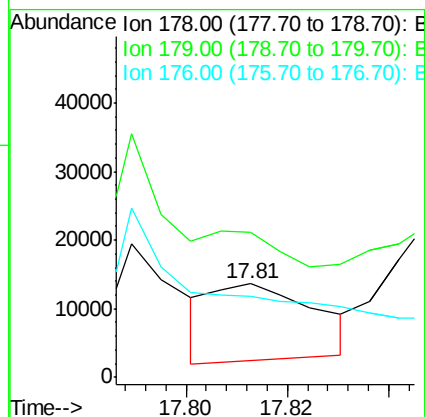
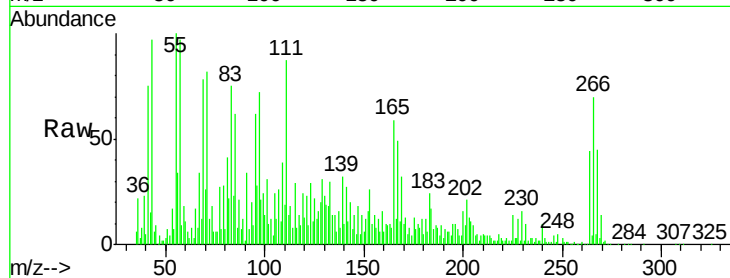
Tot Ion:178 Resp: 15763

Ion Ratio Lower Upper

178 100

179 154.5 12.3 18.5#

176 86.6 15.4 23.0#



#71

Anthracene

Concen: 1124.290 ng/ul

RT: 17.96 min Scan# 2469

Delta R.T. 0.06 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

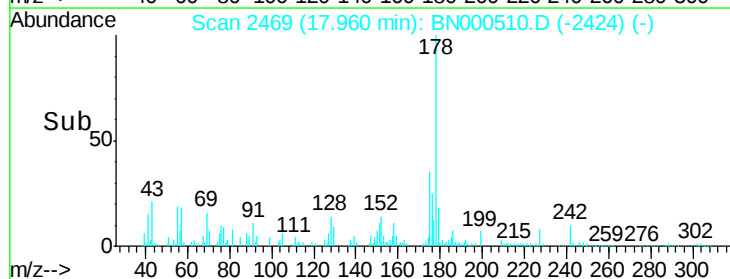
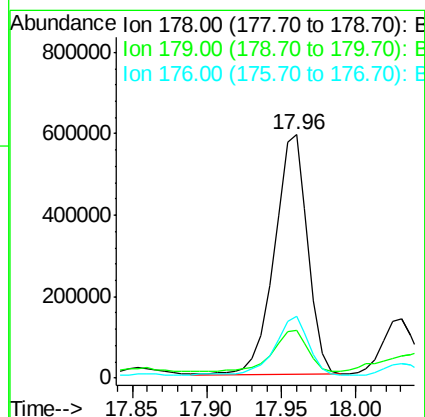
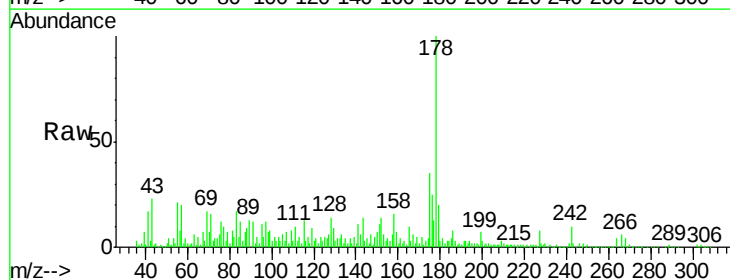
Tgt Ion:178 Resp: 913518

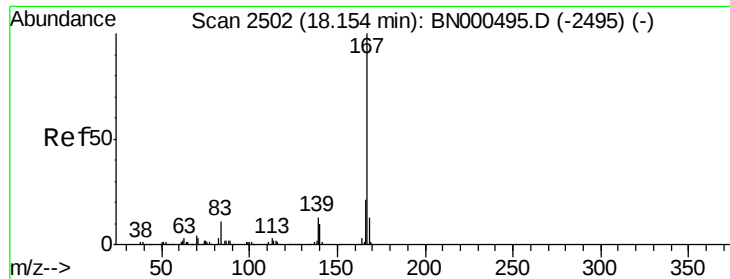
Ion Ratio Lower Upper

178 100

179 19.6 13.4 20.2

176 25.2 15.4 23.0#





#72

Carbazole

Concen: 2.110 ng/ul

RT: 18.19 min Scan# 2508

Delta R.T. 0.04 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

Instrument :

BNA_N

ClientSampleId :

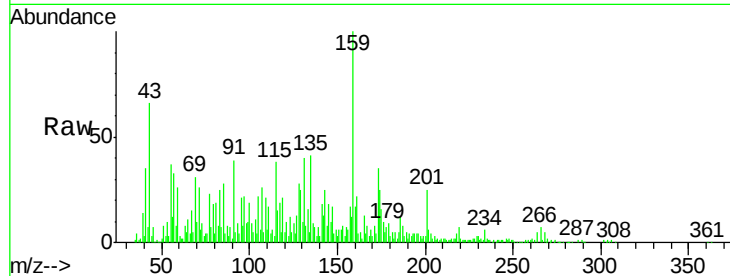
Tot Ion:167 Resp: 1470

Ion Ratio Lower Upper

167 100

166 48.0 17.0 25.4#

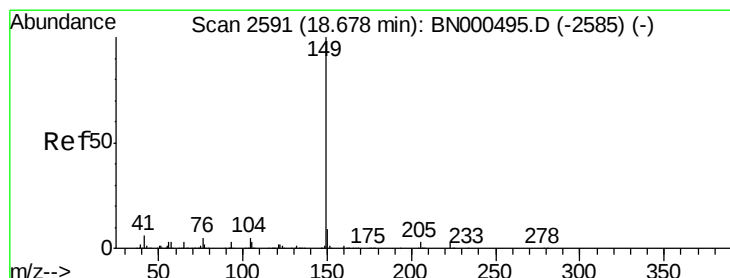
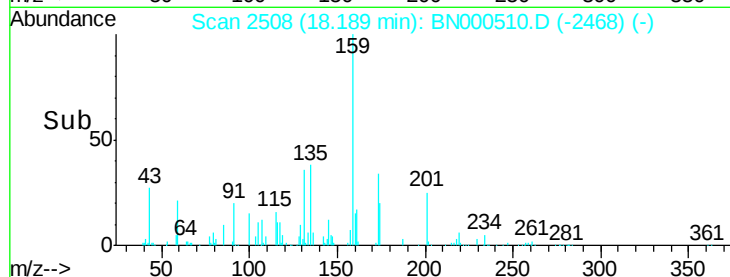
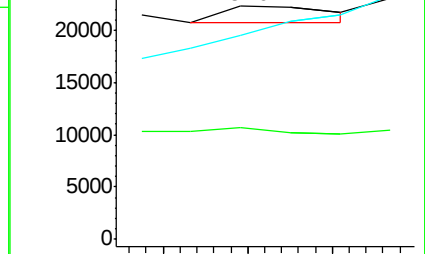
139 87.2 9.1 13.7#



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: 13.598 ng/ul

RT: 18.71 min Scan# 2596

Delta R.T. 0.03 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

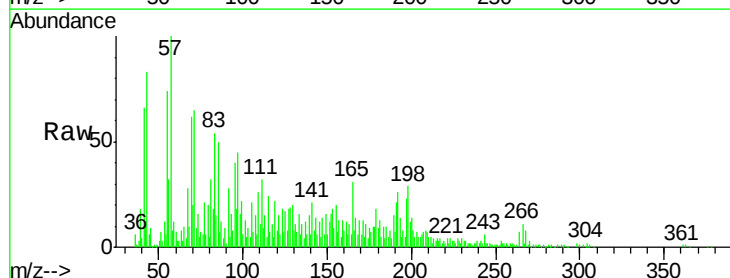
Tgt Ion:149 Resp: 12885

Ion Ratio Lower Upper

149 100

150 40.5 7.5 11.3#

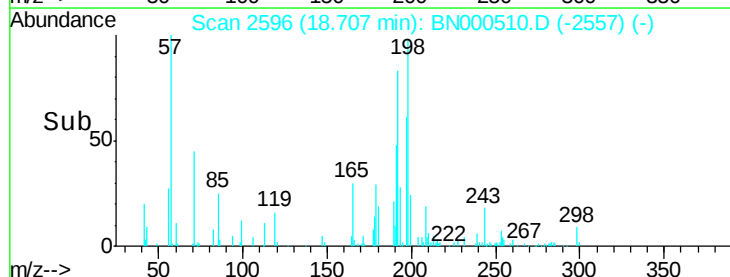
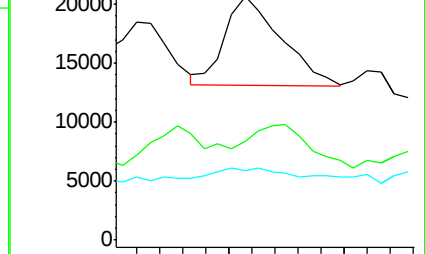
104 28.6 4.1 6.1#

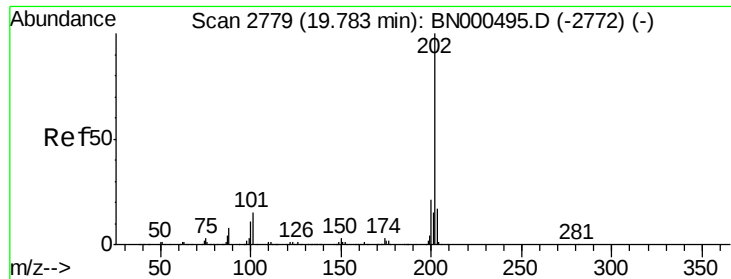


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

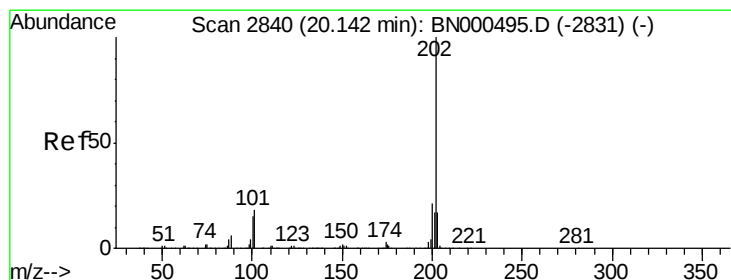
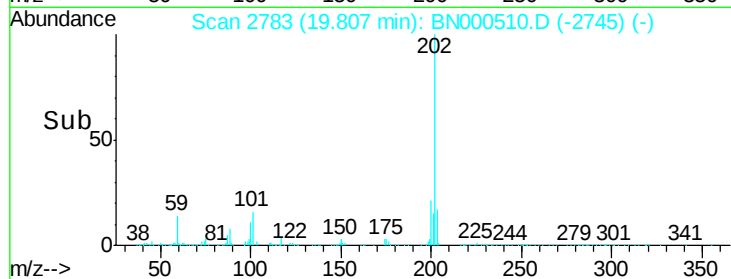
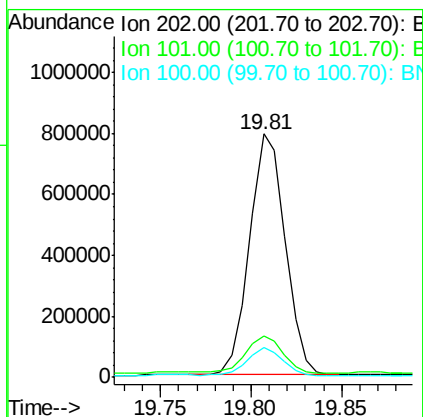
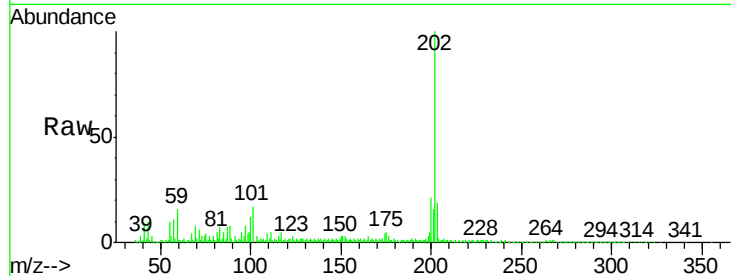




#74
 Fluoranthene
 Concen: 1378.078 ng/ul
 RT: 19.81 min Scan# 2783
 Delta R.T. 0.02 min
 Lab File: BN000510.D
 Acq: 21 Mar 2018 01:19

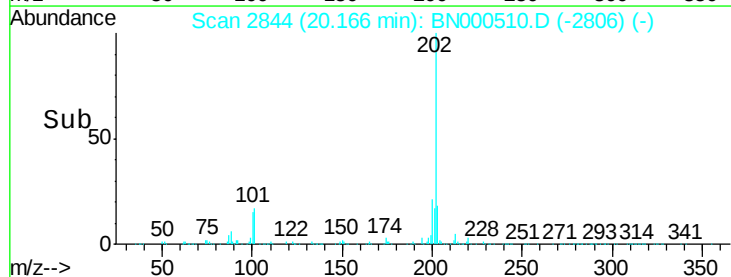
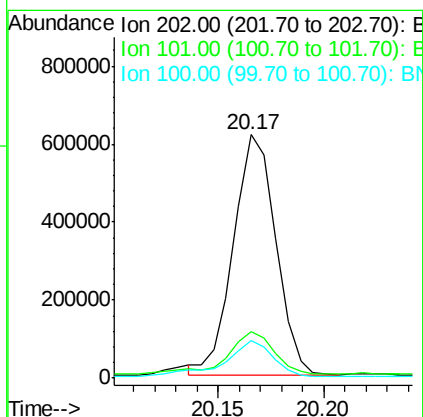
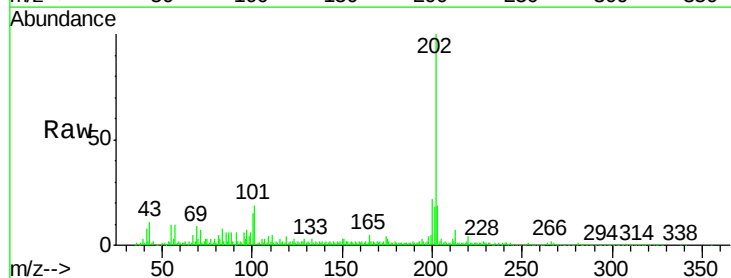
Instrument :
 BNA_N
 ClientSampleId :

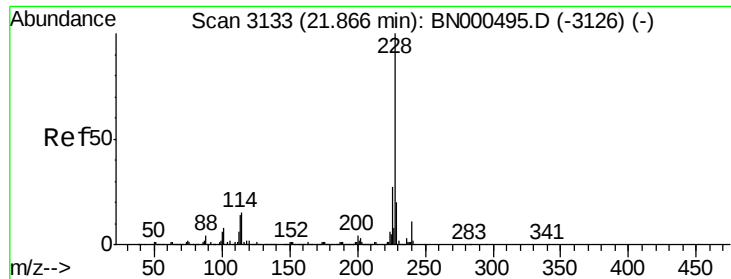
Tot Ion:202 Resp: 1085142
 Ion Ratio Lower Upper
 202 100
 101 17.2 6.1 9.1#
 100 12.1 4.6 7.0#



#77
 Pyrene
 Concen: 18.589 ng/ul
 RT: 20.17 min Scan# 2844
 Delta R.T. 0.02 min
 Lab File: BN000510.D
 Acq: 21 Mar 2018 01:19

Tgt Ion:202 Resp: 855821
 Ion Ratio Lower Upper
 202 100
 101 18.9 6.9 10.3#
 100 15.4 5.6 8.4#





#80

Benzo(a)anthracene

Concen: 6.443 ng/ul

RT: 21.88 min Scan# 3135

Delta R.T. 0.01 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

Instrument :

BNA_N

ClientSampleId :

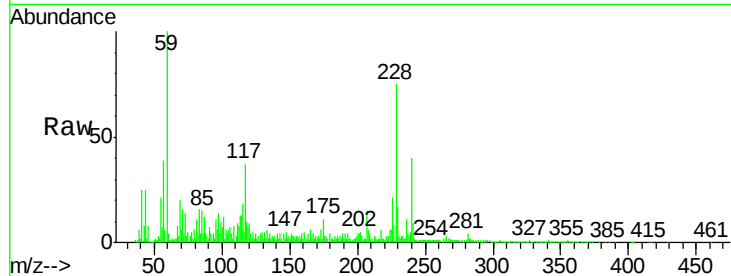
Tot Ion:228 Resp: 270574

Ion Ratio Lower Upper

228 100

229 22.5 16.0 24.0

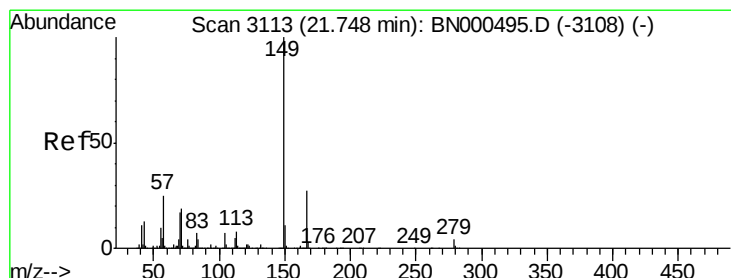
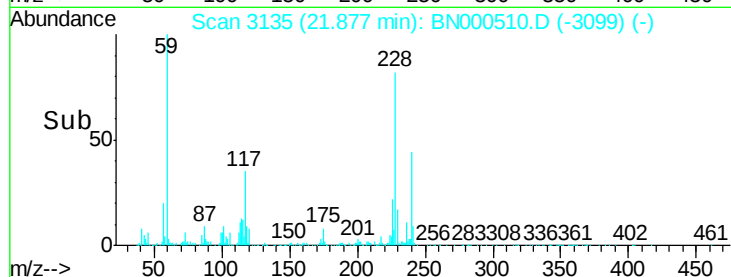
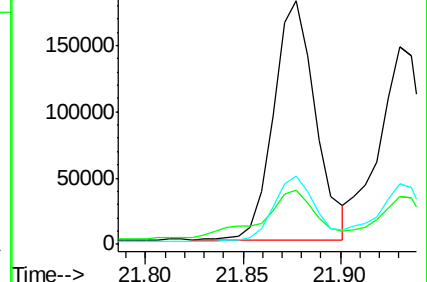
226 27.9 21.8 32.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 2.122 ng/ul

RT: 21.75 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

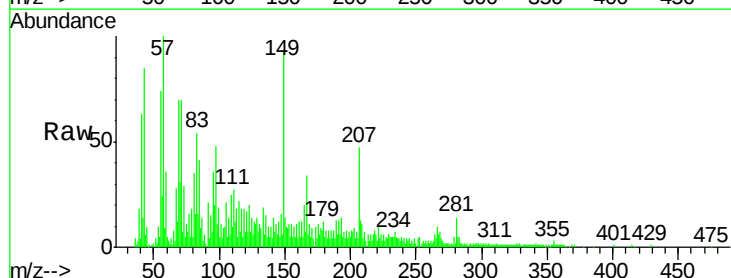
Tgt Ion:149 Resp: 70453

Ion Ratio Lower Upper

149 100

167 36.0 23.0 34.6#

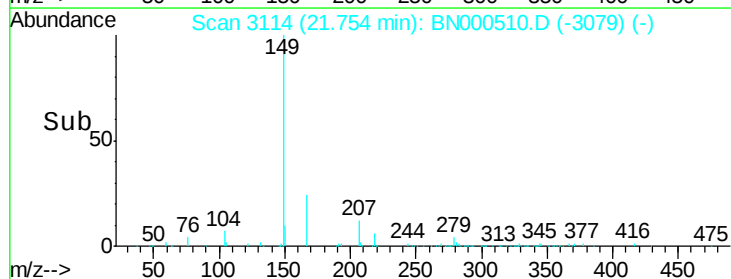
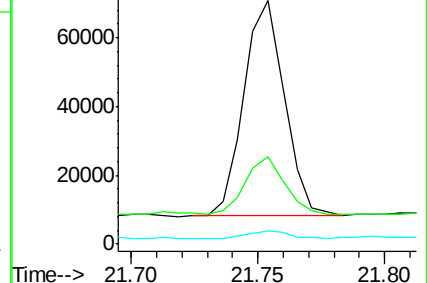
279 5.6 4.3 6.5

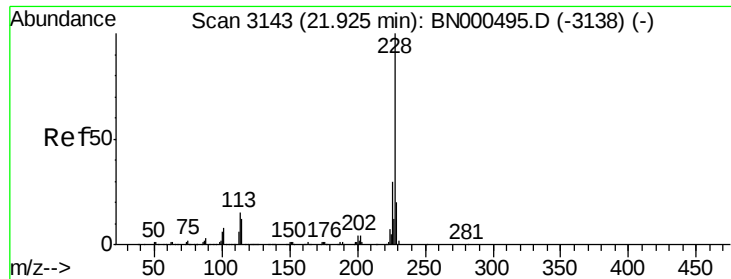


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

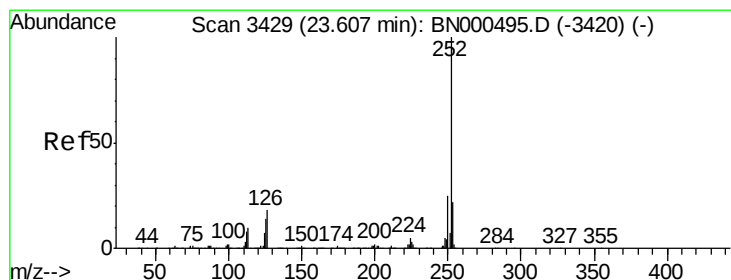
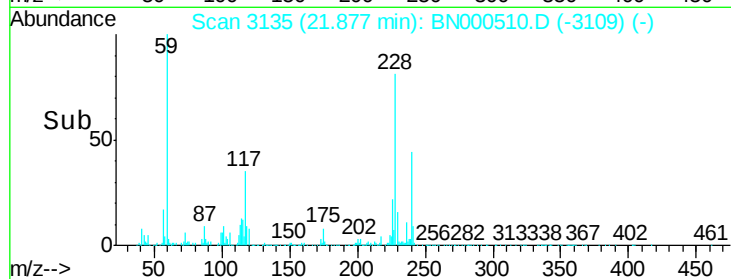
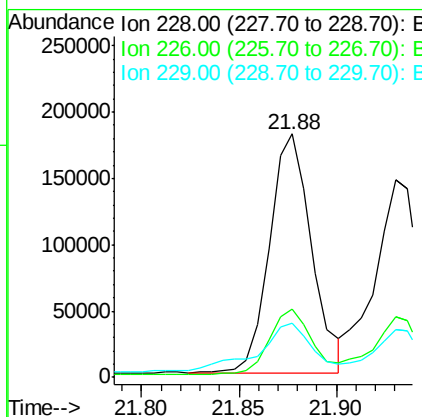
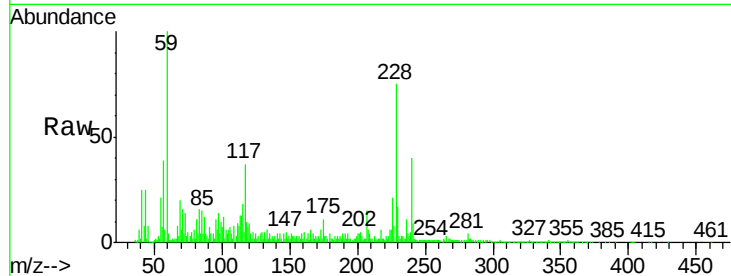




#82
Chrysene
Concen: 6.875 ng/ul
RT: 21.88 min Scan# 3135
Delta R.T. -0.05 min
Lab File: BN000510.D
Acq: 21 Mar 2018 01:19

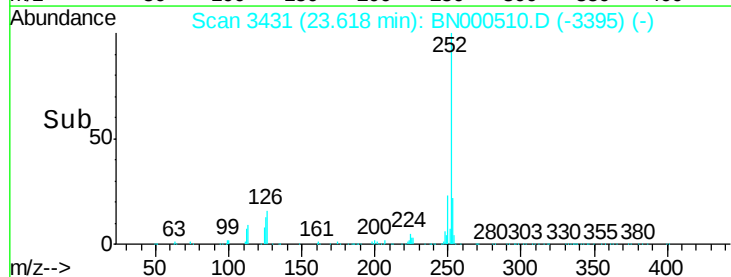
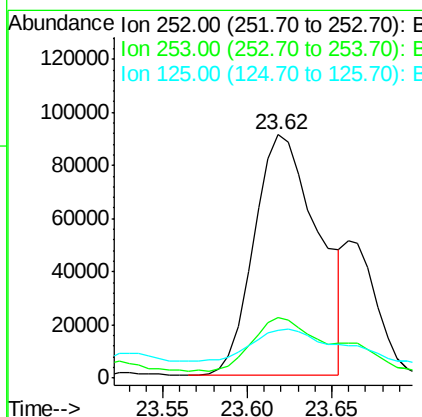
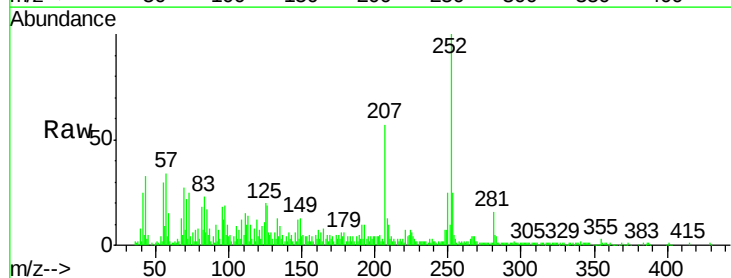
Instrument :
BNA_N
ClientSampled :

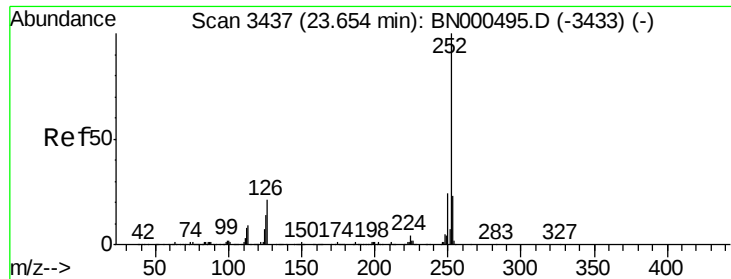
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	24.1	36.1
229	22.5	16.0	24.0



#85
Benzo(b)fluoranthene
Concen: 5.705 ng/ul
RT: 23.62 min Scan# 3431
Delta R.T. 0.01 min
Lab File: BN000510.D
Acq: 21 Mar 2018 01:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.0
125	19.8	4.9	7.3

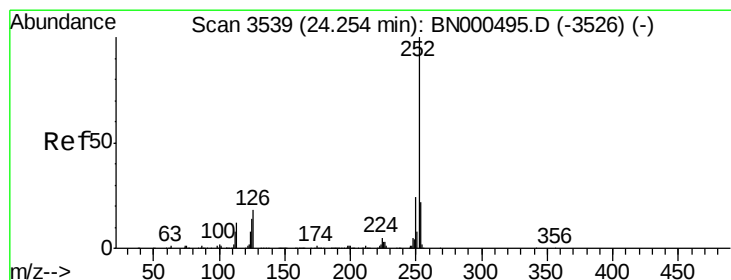
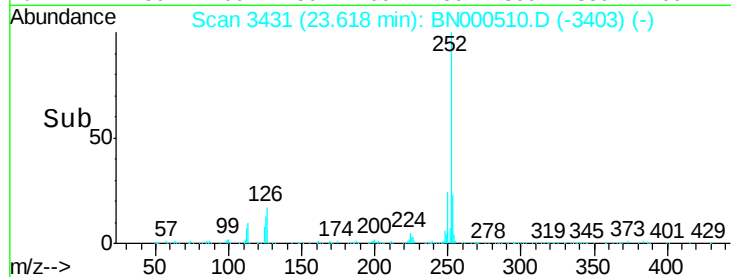
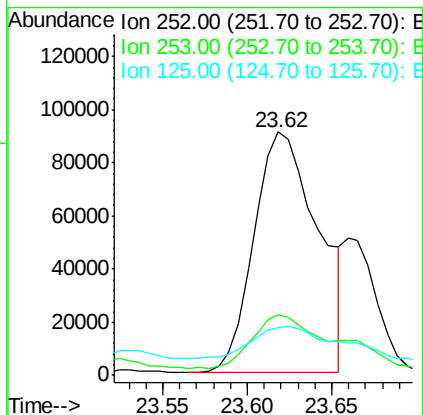
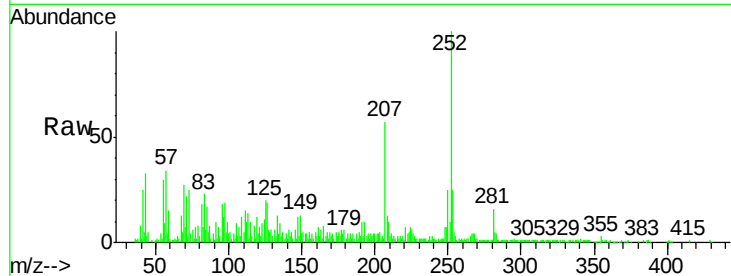




#86
Benzo(k)fluoranthene
Concen: 5.910 ng/ul
RT: 23.62 min Scan# 3431
Delta R.T. -0.04 min
Lab File: BN000510.D
Acq: 21 Mar 2018 01:19

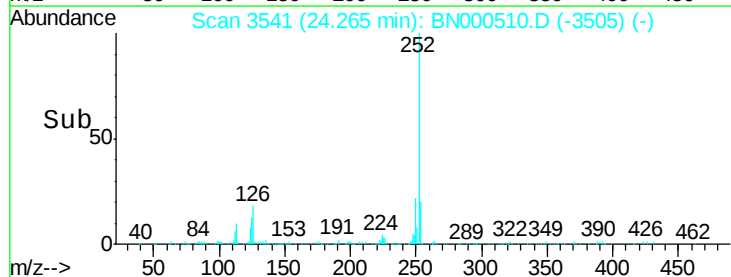
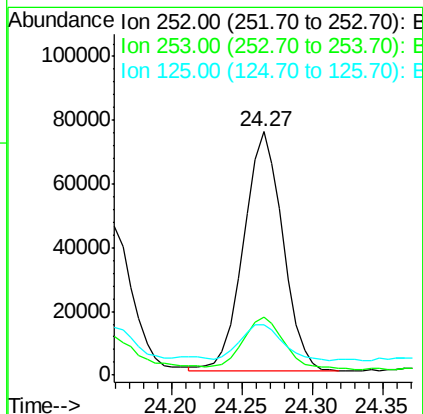
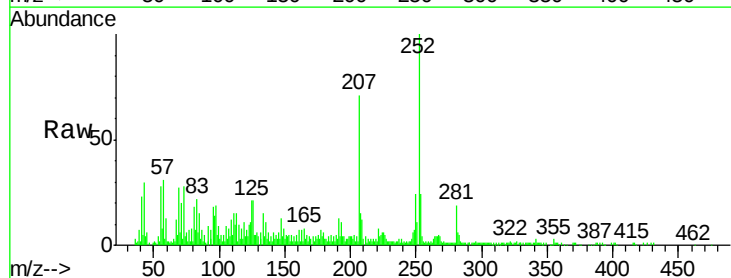
Instrument :
BNA_N
ClientSampleId :

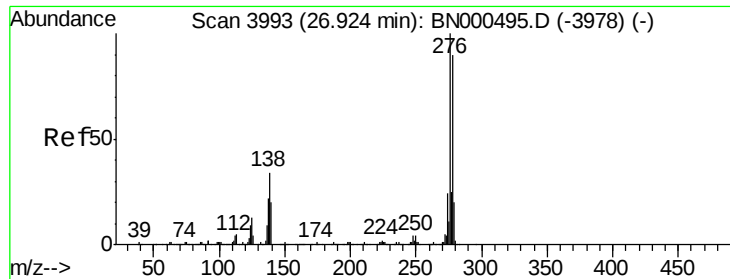
Tot Ion:252 Resp: 239317
Ion Ratio Lower Upper
252 100
253 24.7 17.1 25.7
125 19.8 5.4 8.0#



#88
Benzo(a)pyrene
Concen: 3.700 ng/ul
RT: 24.27 min Scan# 3541
Delta R.T. 0.01 min
Lab File: BN000510.D
Acq: 21 Mar 2018 01:19

Tgt Ion:252 Resp: 146081
Ion Ratio Lower Upper
252 100
253 23.6 17.2 25.8
125 20.5 5.8 8.6#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.810 ng/ul

RT: 26.94 min Scan# 3995

Delta R.T. 0.01 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

Instrument :

BNA_N

ClientSampleId :

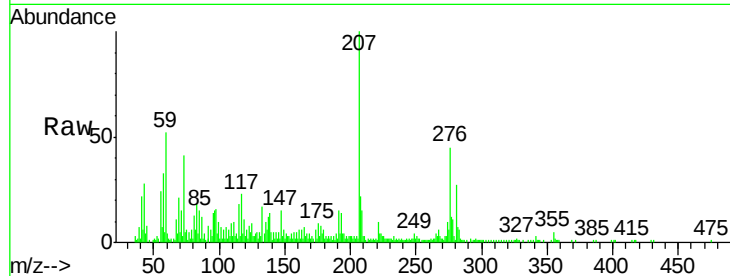
Tot Ion:276 Resp: 77045

Ion Ratio Lower Upper

276 100

138 30.7 10.9 16.3#

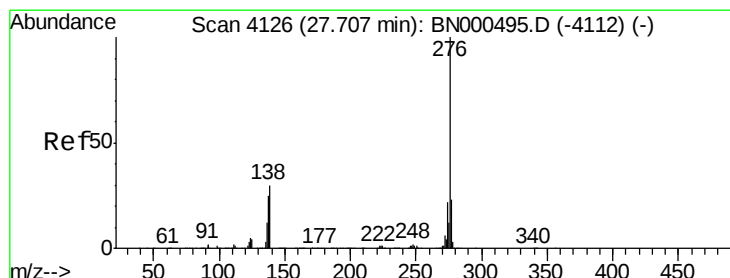
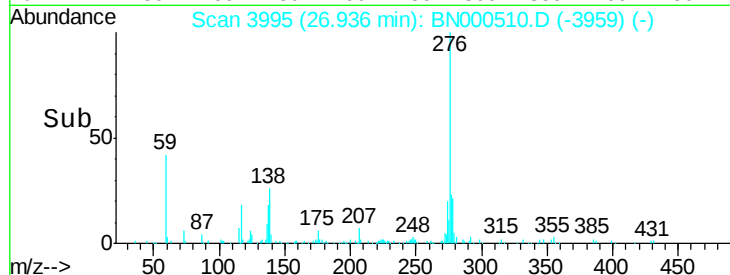
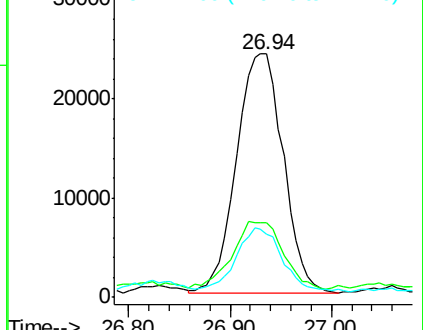
277 25.7 18.9 28.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#91

Benzo(g,h,i)perylene

Concen: 1.834 ng/ul

RT: 27.72 min Scan# 4128

Delta R.T. 0.01 min

Lab File: BN000510.D

Acq: 21 Mar 2018 01:19

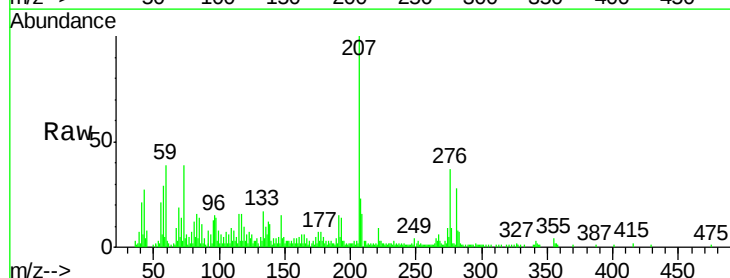
Tgt Ion:276 Resp: 64871

Ion Ratio Lower Upper

276 100

138 30.1 11.2 16.8#

277 25.0 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

